

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114857.D
 Acq On : 6 Jun 2019 12:36
 Operator : HP/JU
 Sample : K3150-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMS

Manual Integrations
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 6/7/2019 2:11:22 PM

Quant Time: Jun 07 00:19:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	453227	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1824971	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	929560	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1708551	20.00	ng	0.00
76) Chrysene-d12	13.80	240	892950	20.00	ng	0.01
87) Perylene-d12	15.19	264	1102373	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	3048586	117.53	ng	0.04
7) Phenol-d6	6.32	99	3345390	106.00	ng	0.02
23) Nitrobenzene-d5	7.23	82	2529647	85.33	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1116597	111.46	ng	0.01
45) 2-Fluorobiphenyl	9.03	172	4801809	96.77	ng	0.00
79) Terphenyl-d14	12.76	244	4105024	89.40	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	416872m	33.662	ng	
3) Pyridine	3.31	79	978156m	28.740	ng	
4) n-Nitrosodimethylamine	3.13	42	502917	40.375	ng	98
6) Aniline	6.33	93	238115	5.317	ng	# 1
8) 2-Chlorophenol	6.46	128	1231681	41.099	ng	98
9) Benzaldehyde	6.21	77	389398	17.787	ng	97
10) Phenol	6.33	94	1208165	33.474	ng	77
11) bis(2-Chloroethyl)ether	6.41	93	1193999	42.389	ng	98
12) 1,3-Dichlorobenzene	6.61	146	1339229	38.350	ng	99
13) 1,4-Dichlorobenzene	6.69	146	1368391	38.943	ng	98
14) 1,2-Dichlorobenzene	6.84	146	1236631	38.968	ng	100
15) Benzyl Alcohol	6.82	79	961626	40.291	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1648572	40.922	ng	97
17) 2-Methylphenol	6.94	107	1061431	41.435	ng	# 95
18) Hexachloroethane	7.18	117	507234	38.352	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	867661	41.530	ng	99
20) 3+4-Methylphenols	7.09	107	1194451	42.275	ng	91
22) Acetophenone	7.08	105	1774865	44.174	ng	# 98
24) Nitrobenzene	7.25	77	1314135	42.788	ng	99
25) Isophorone	7.50	82	2545918	43.439	ng	99
26) 2-Nitrophenol	7.57	139	740687	44.528	ng	94
27) 2,4-Dimethylphenol	7.62	122	1215477	48.076	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1640626	43.791	ng	99
29) 2,4-Dichlorophenol	7.82	162	1192540	44.833	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1286296	42.145	ng	98
31) Naphthalene	7.97	128	3769951	45.885	ng	99
32) Benzoic acid	7.73	122	391261	21.248	ng	100
33) 4-Chloroaniline	8.02	127	125070	3.191	ng	96
34) Hexachlorobutadiene	8.10	225	691064	39.826	ng	100
35) Caprolactam	8.40	113	258397m	29.738	ng	
36) 4-Chloro-3-methylphenol	8.51	107	1201660	45.400	ng	99
37) 2-Methylnaphthalene	8.66	142	2642905	46.377	ng	99
38) 1-Methylnaphthalene	8.76	142	2504692	46.346	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1111999	41.510	ng	99

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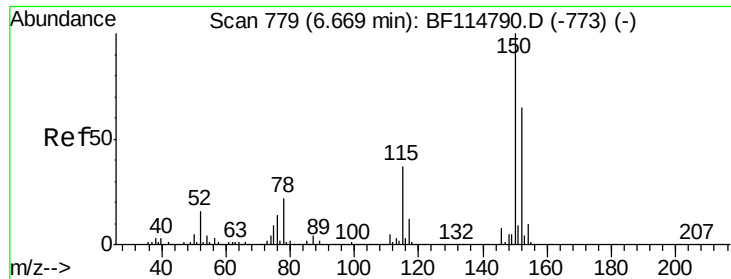
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	1165937	71.763	ng	99
43) 2,4,6-Trichlorophenol	8.95	196	984080	47.242	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	774176	36.904	ng	97
46) 1,1'-Biphenyl	9.13	154	3053208	44.317	ng	98
47) 2-Chloronaphthalene	9.15	162	2409856	41.165	ng	100
48) 2-Nitroaniline	9.25	65	698609	39.989	ng	100
49) Acenaphthylene	9.56	152	3696756	43.545	ng	100
50) Dimethylphthalate	9.44	163	2469255	36.371	ng	99
51) 2,6-Dinitrotoluene	9.49	165	605287	37.910	ng	95
52) Acenaphthene	9.74	154	2326732	41.839	ng	99
53) 3-Nitroaniline	9.65	138	98119	5.260	ng	92
54) 2,4-Dinitrophenol	9.76	184	269201	37.259	ng	93
55) Dibenzofuran	9.91	168	3153469	40.779	ng	99
56) 4-Nitrophenol	9.83	139	947555	69.329	ng	99
57) 2,4-Dinitrotoluene	9.90	165	798151	39.765	ng	97
58) Fluorene	10.25	166	2209657	44.477	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	686631	39.950	ng	99
60) Diethylphthalate	10.13	149	2587061	37.975	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	1117865	37.743	ng	97
62) 4-Nitroaniline	10.27	138	608994	33.663	ng	98
63) Azobenzene	10.40	77	2323973	40.075	ng	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	230161	25.933	ng	93
66) n-Nitrosodiphenylamine	10.36	169	2249205	43.536	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	808438	41.662	ng	99
68) Hexachlorobenzene	10.80	284	841256	39.612	ng	95
69) Atrazine	10.89	200	735056	40.909	ng	98
70) Pentachlorophenol	10.99	266	821276	66.895	ng	99
71) Phenanthrene	11.20	178	3451220	42.313	ng	99
72) Anthracene	11.26	178	3404222	39.659	ng	100
73) Carbazole	11.40	167	3088517	41.972	ng	100
74) Di-n-butylphthalate	11.75	149	3845320	39.731	ng	100
75) Fluoranthene	12.38	202	3385966	39.885	ng	98
77) Benzidine	12.50	184	389333	8.807	ng	95
78) Pyrene	12.61	202	3328069	42.963	ng	99
80) Butylbenzylphthalate	13.23	149	1753610	44.829	ng	99
81) Benzo(a)anthracene	13.79	228	2844866	41.343	ng	99
82) 3,3'-Dichlorobenzidine	13.75	252	326325	11.695	ng	99
83) Chrysene	13.83	228	2842749	42.468	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2099032	42.435	ng	99
85) Di-n-octyl phthalate	14.42	149	3746387	44.574	ng	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	2777546	36.366	ng	99
88) Benzo(b)fluoranthene	14.81	252	2979075	42.450	ng	99
89) Benzo(k)fluoranthene	14.84	252	2600073	43.628	ng	99
90) Benzo(a)pyrene	15.14	252	2665972	43.890	ng	99
91) Dibenzo(a,h)anthracene	16.53	278	2280466	39.644	ng	99
92) Benzo(g,h,i)perylene	16.91	276	2314083	40.004	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

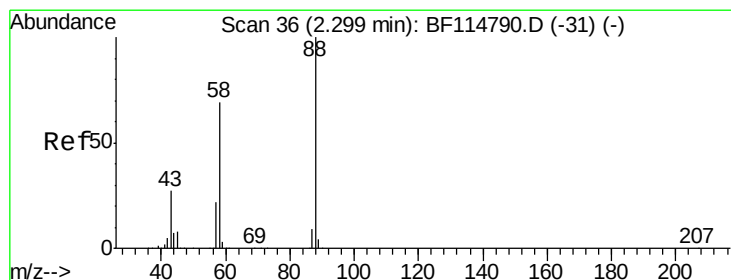
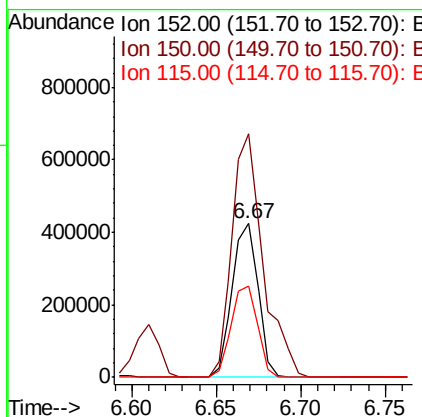
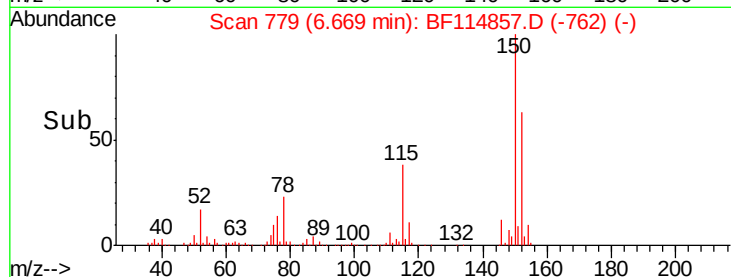
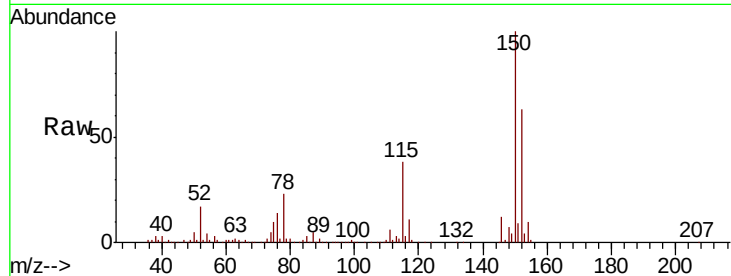
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.0	186.0
115	59.4	46.3	69.5

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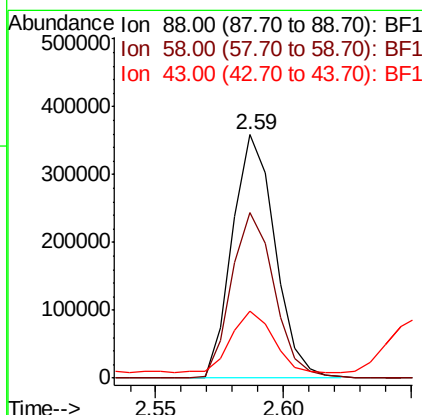
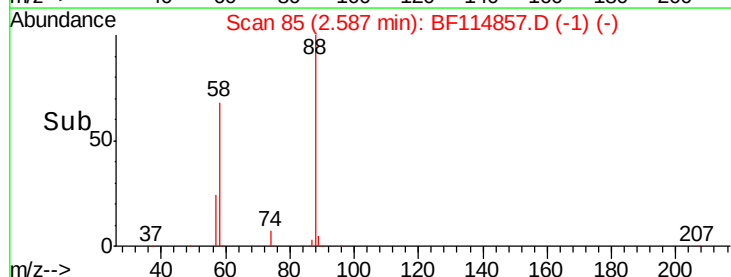
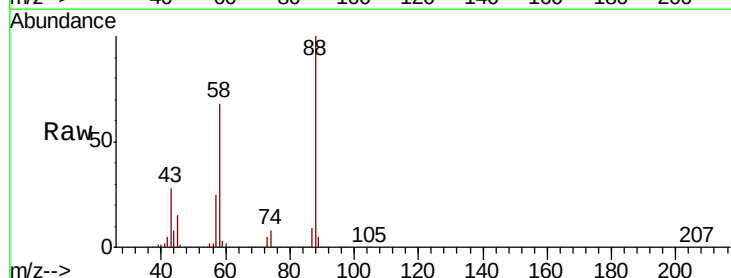
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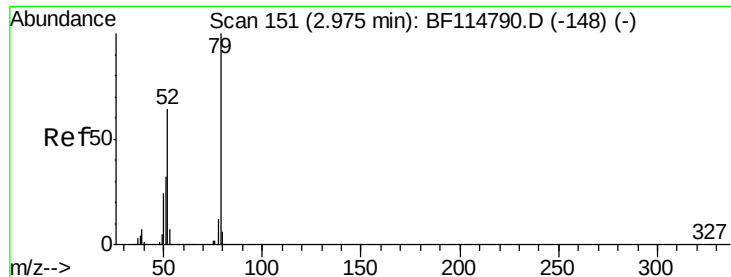


#2

1,4-Dioxane
Concen: 33.662 ng m
RT: 2.59 min Scan# 85
Delta R.T. 0.29 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.8	80.8#
43	0.0	20.7	31.1#





#3

Pvridine

Concen: 28.740 ng/ml

RT: 3.31 min Scan# 208

Delta R.T. 0.34 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

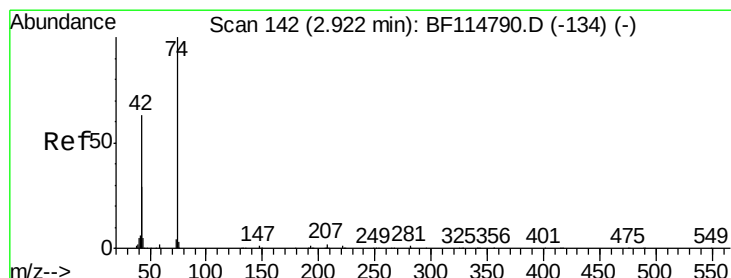
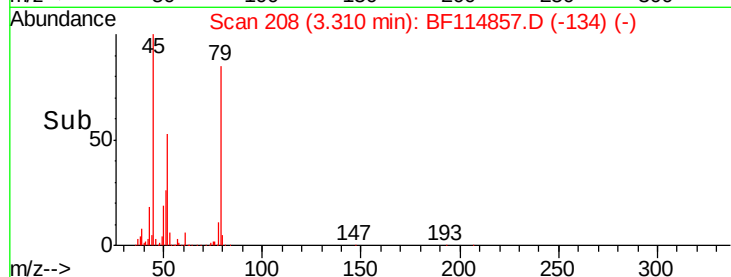
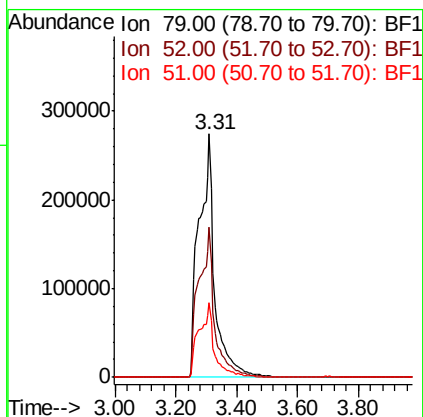
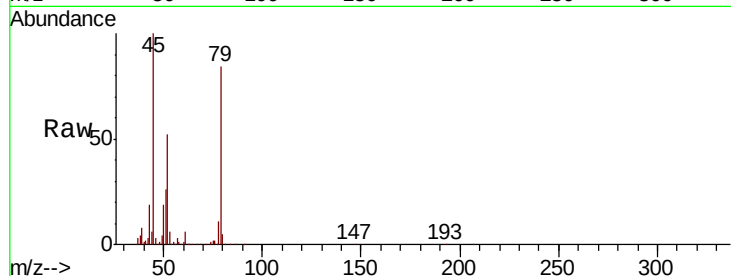
ClientSampleId :

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Tot Ion:	79	Resp:	978156
Ion	Ratio	Lower	Upper
79	100		
52	61.9	51.0	76.4
51	30.8	25.7	38.5

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#4

n-Nitrosodimethylamine

Concen: 40.375 ng/ml

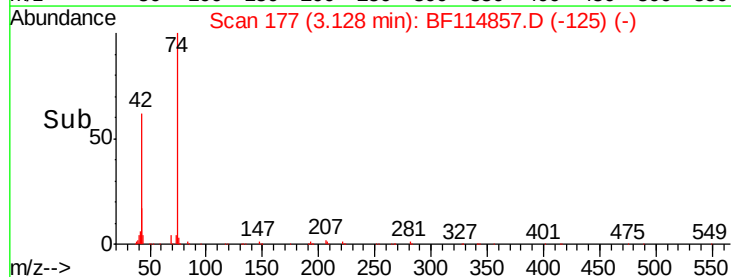
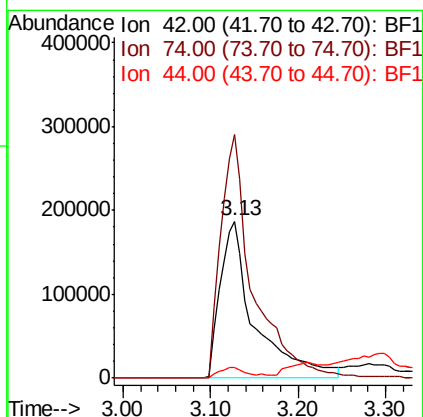
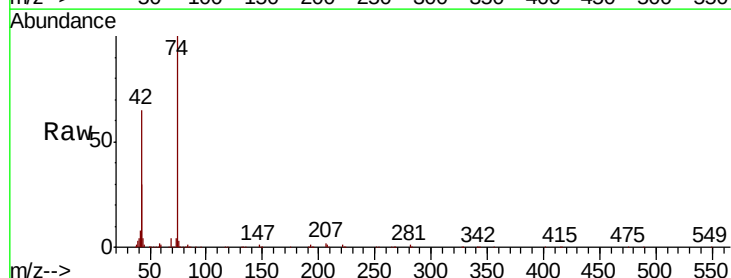
RT: 3.13 min Scan# 177

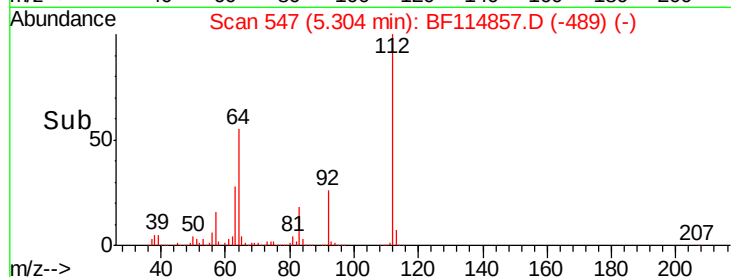
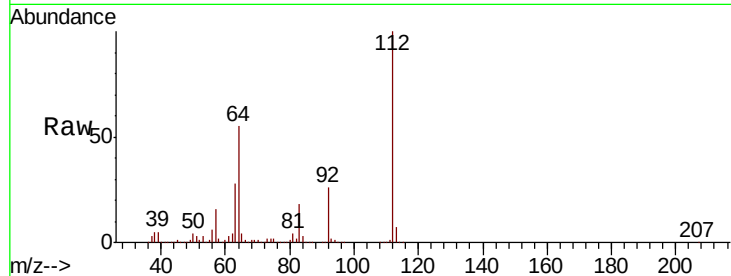
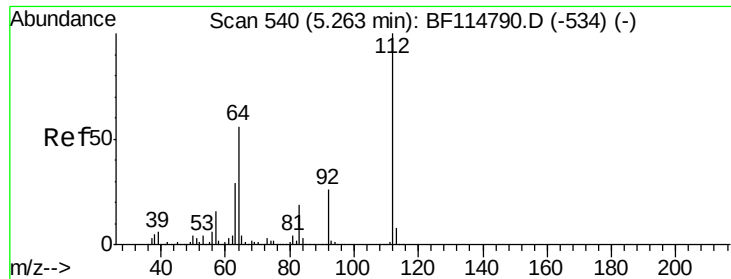
Delta R.T. 0.21 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Tgt Ion:	42	Resp:	502917
Ion	Ratio	Lower	Upper
42	100		
74	155.0	126.2	189.2
44	6.7	5.9	8.9





#5

2-Fluorophenol

Concen: 117.534 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.04 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Tot Ion:	112	Resp:	3048586
Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.6	66.8
63	28.1	23.0	34.4

Instrument :

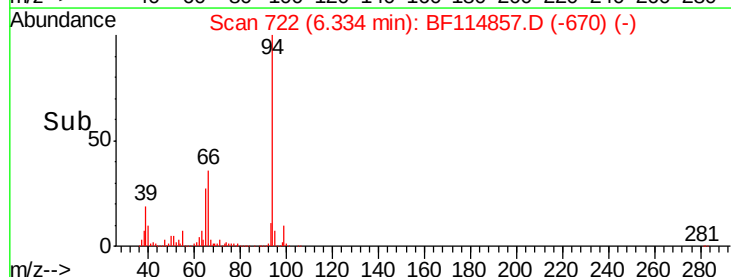
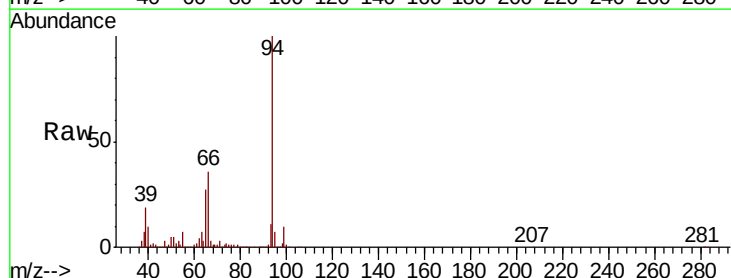
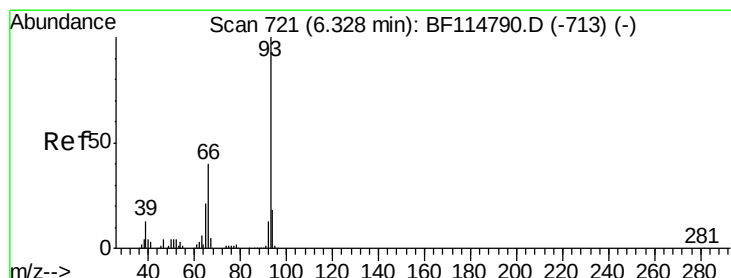
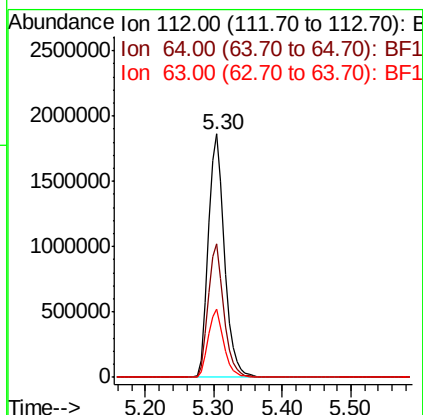
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 5.317 ng

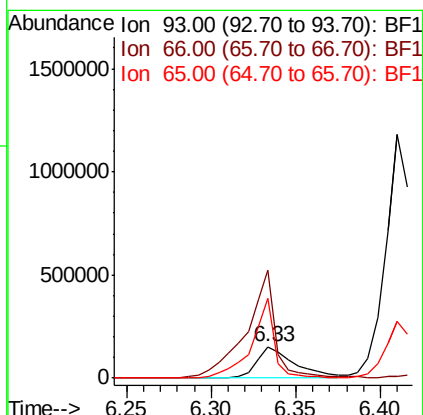
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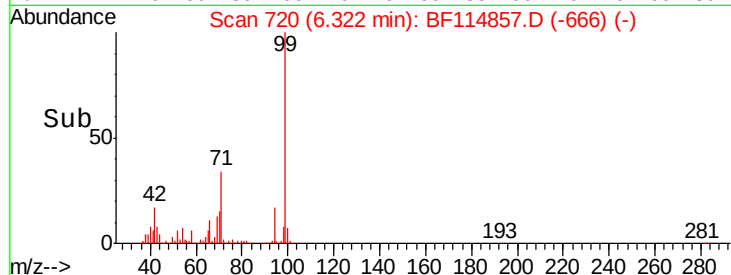
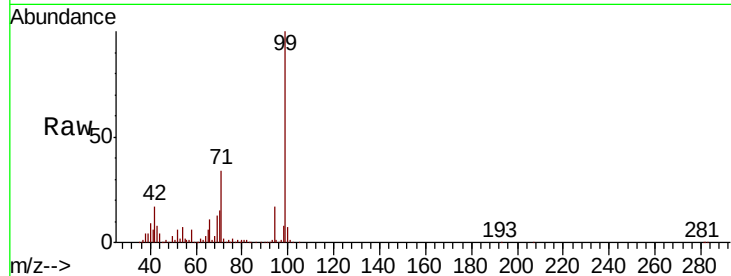
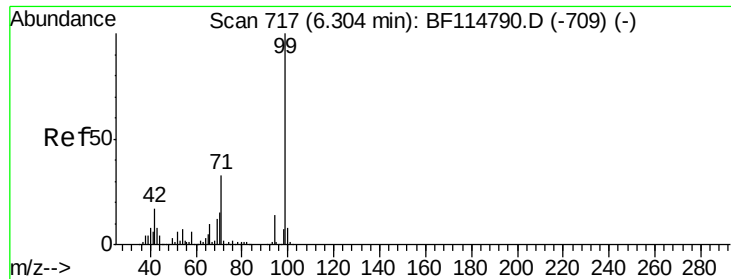
Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Tgt Ion:	93	Resp:	238115
Ion	Ratio	Lower	Upper
93	100		
66	342.5	32.8	49.2#
65	252.9	16.9	25.3#





#7

Phenol-d6

Concen: 105.996 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Tot Ion: 99 Resp: 3345390

Ion Ratio Lower Upper

99 100

42 16.8 13.3 19.9

71 34.0 26.3 39.5

Instrument :

BNA_F

ClientSampleId :

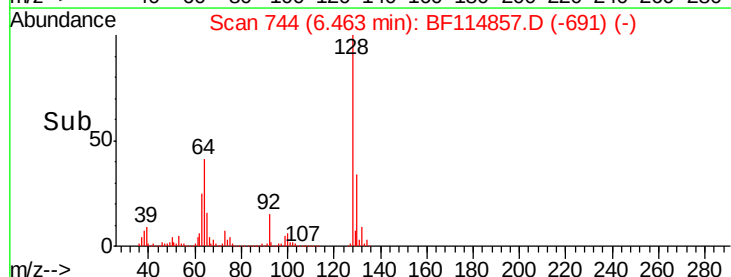
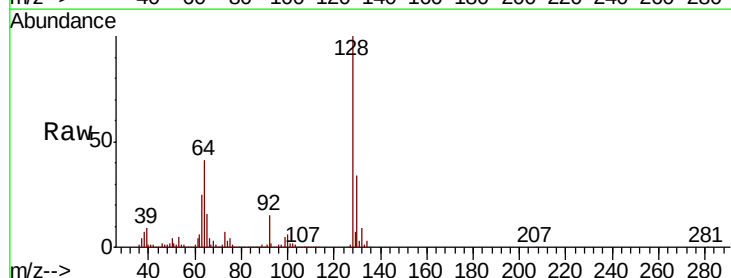
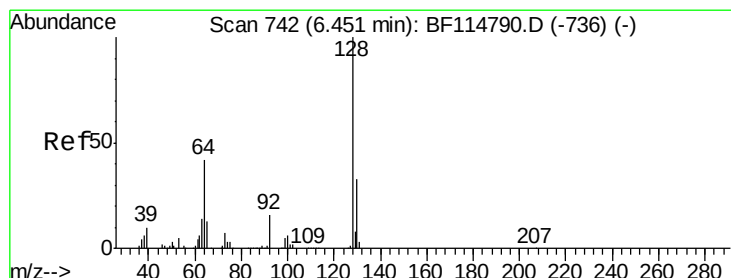
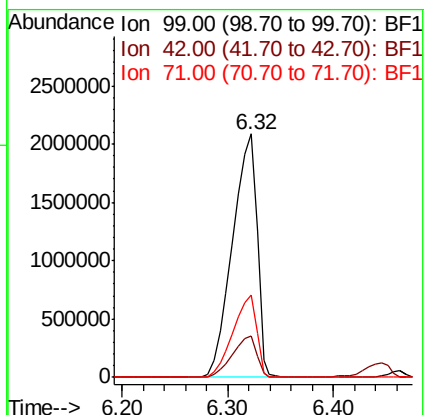
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#8

2-Chlorophenol

Concen: 41.099 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

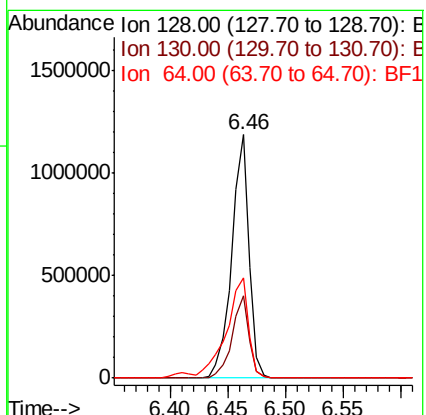
Tgt Ion:128 Resp: 1231681

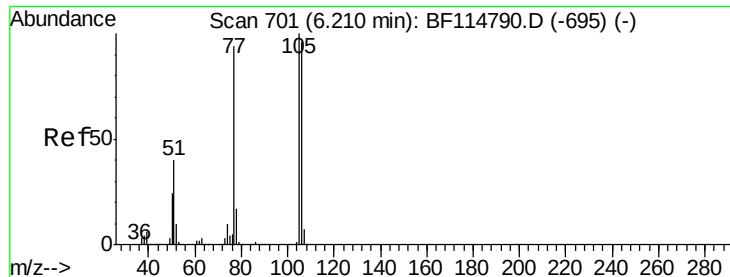
Ion Ratio Lower Upper

128 100

130 33.8 12.7 52.7

64 41.2 22.5 62.5





#9

Benzaldehyde

Concen: 17.787 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

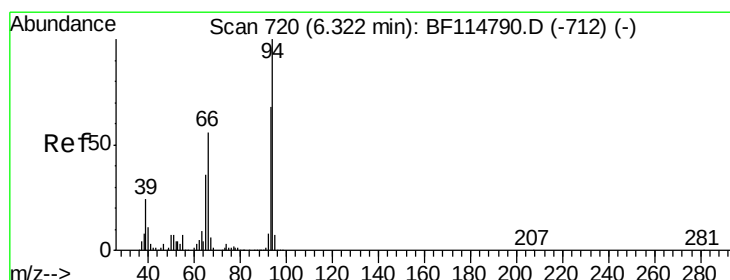
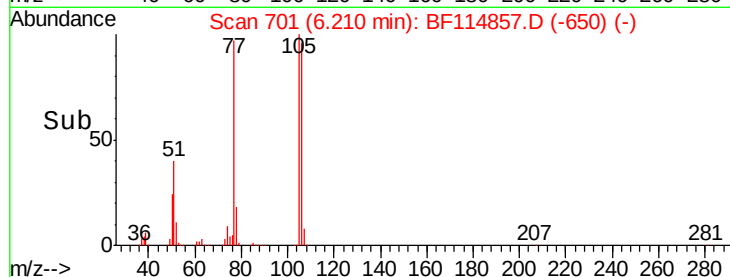
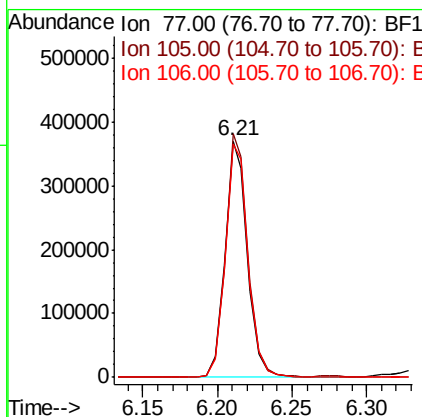
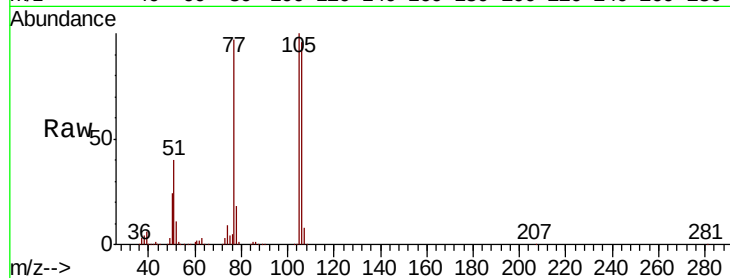
ClientSampleId :

IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.0	85.8	125.8
106	98.8	81.6	121.6

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#10

Phenol

Concen: 33.474 ng

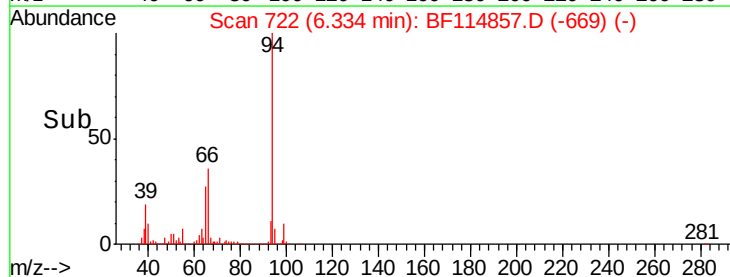
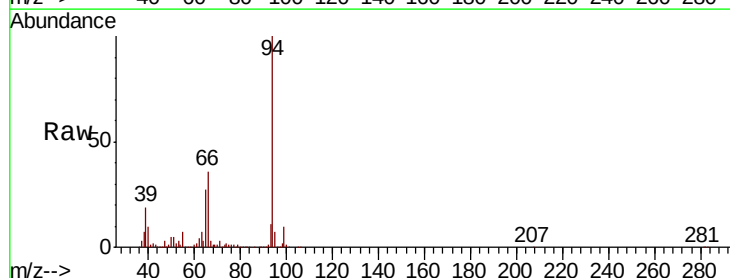
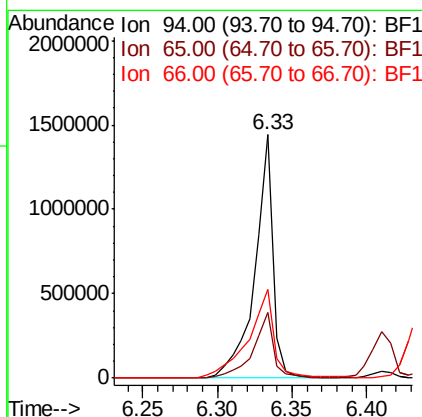
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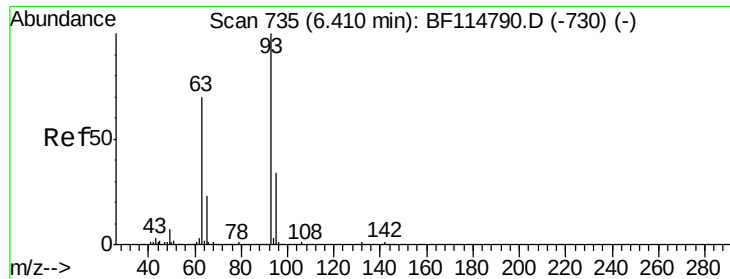
Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.9	16.1	56.1
66	36.5	36.3	76.3





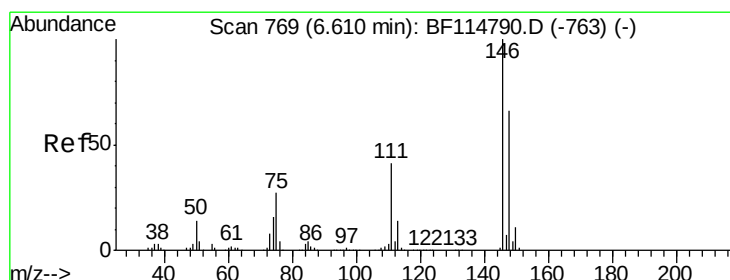
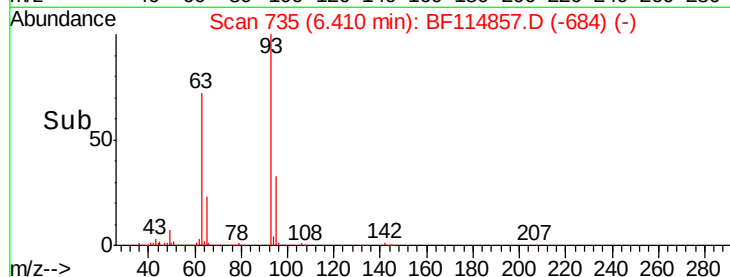
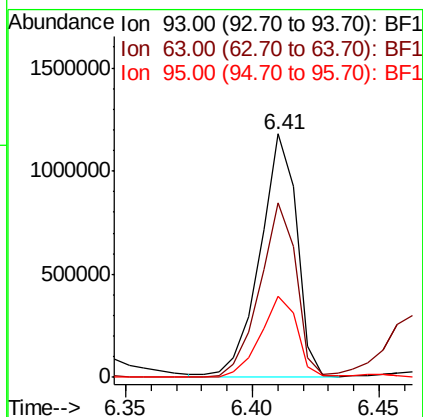
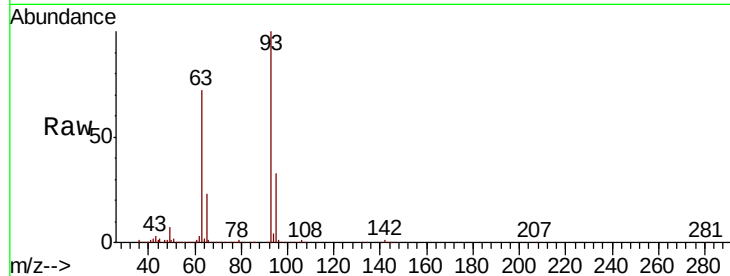
#11
bis(2-Chloroethyl)ether
Concen: 42.389 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion: 93 Resp: 1193999
Ion Ratio Lower Upper
93 100
63 71.6 49.6 89.6
95 33.2 13.6 53.6

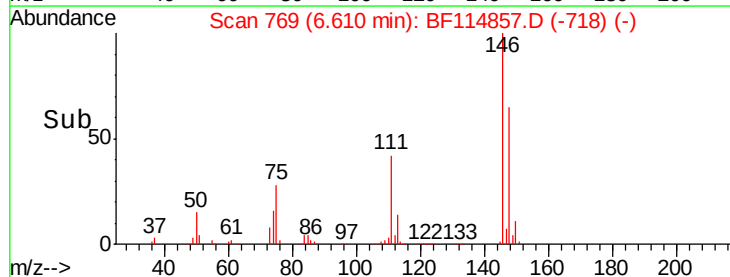
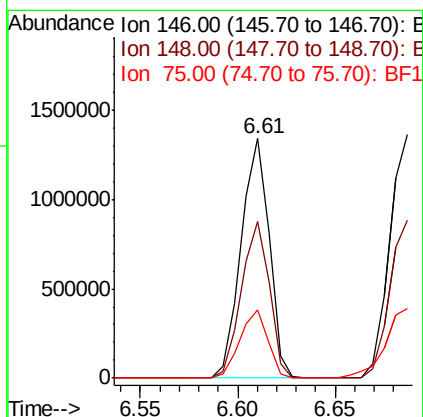
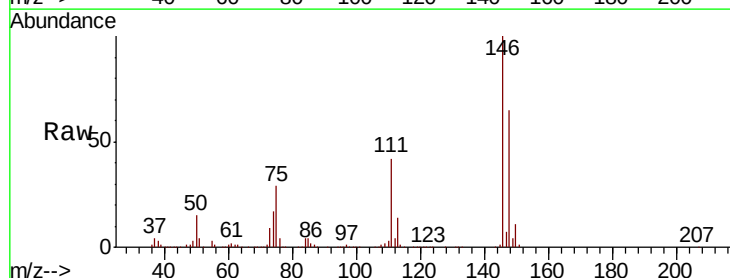
Manual Integrations
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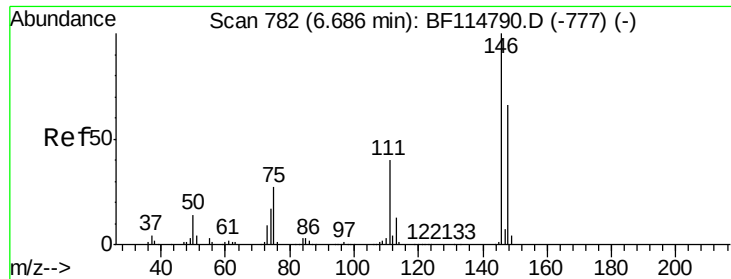
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.350 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion: 146 Resp: 1339229
Ion Ratio Lower Upper
146 100
148 65.4 52.7 79.1
75 28.6 22.0 33.0





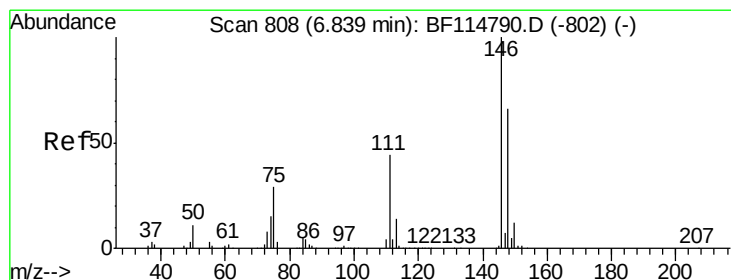
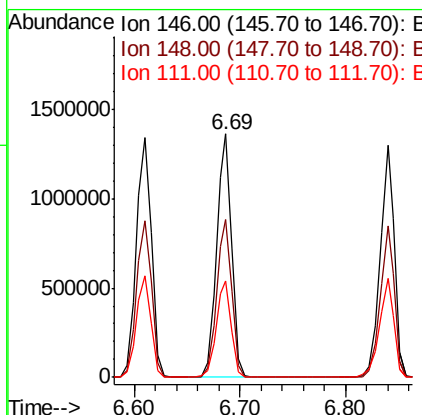
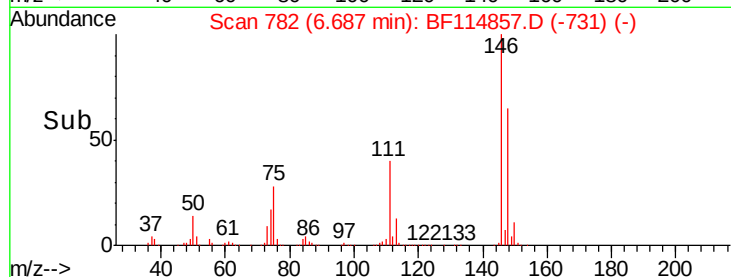
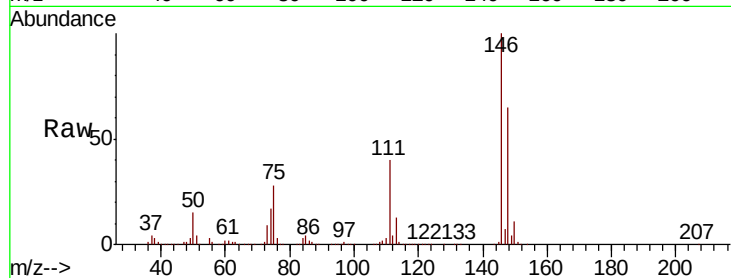
#13
 1,4-Dichlorobenzene
 Concen: 38.943 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.0	79.4
111	39.6	32.2	48.4

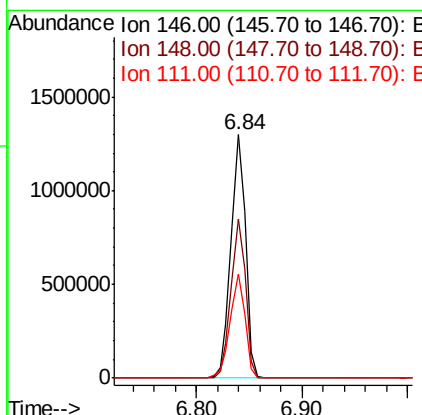
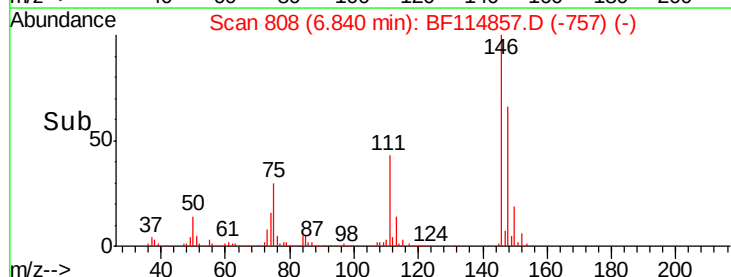
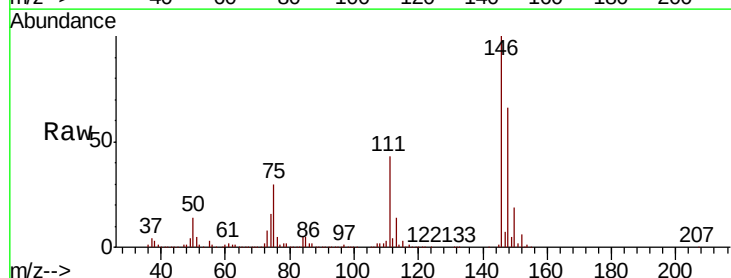
Manual Integrations
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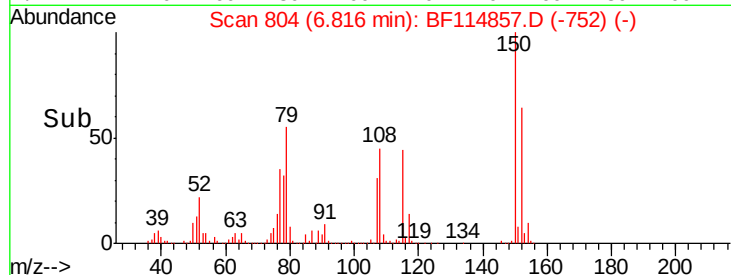
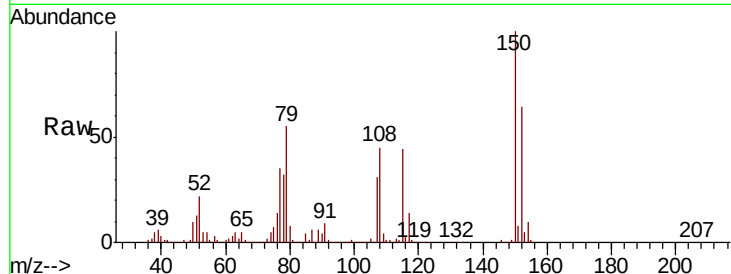
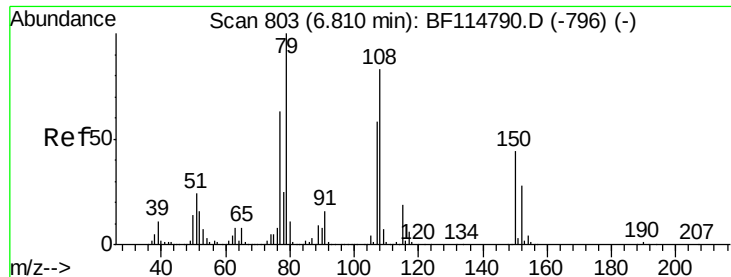
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#14
 1,2-Dichlorobenzene
 Concen: 38.968 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.5	78.7
111	42.9	34.8	52.2





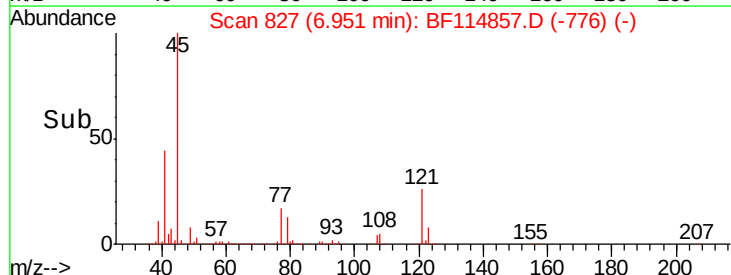
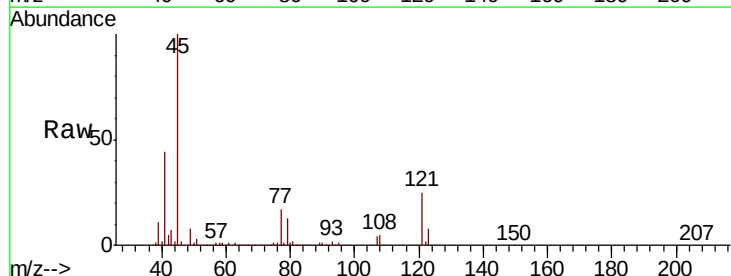
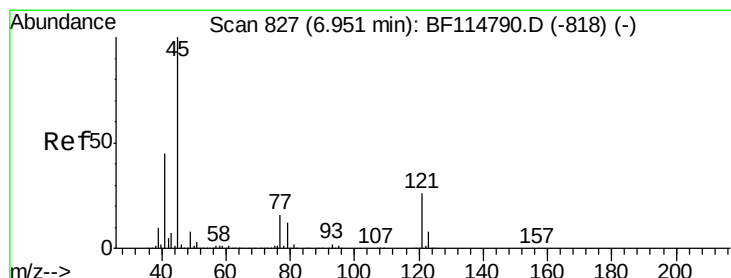
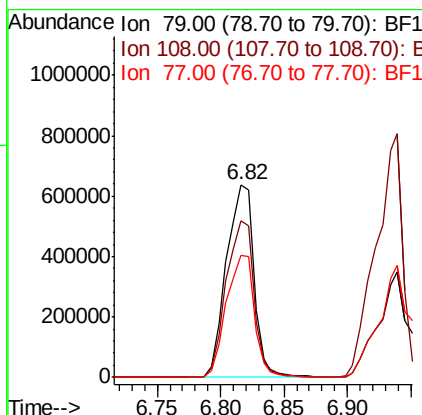
#15
Benzyl Alcohol
Concen: 40.291 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	81.4	66.8	100.2	
77	63.4	50.6	76.0	

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

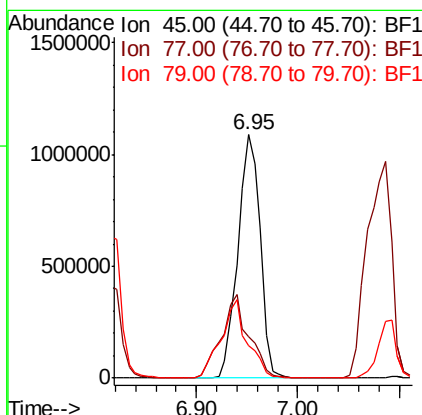
Manual Integrations
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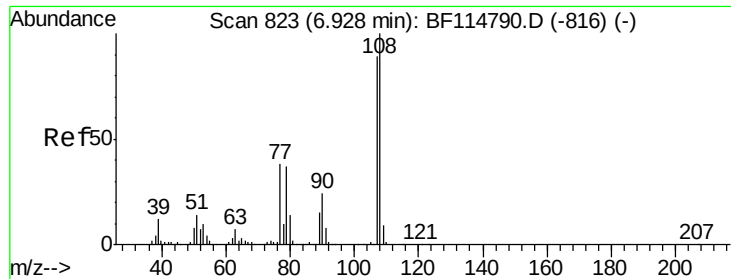
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.922 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	17.2	0.0	35.8	
79	13.3	0.0	32.0	





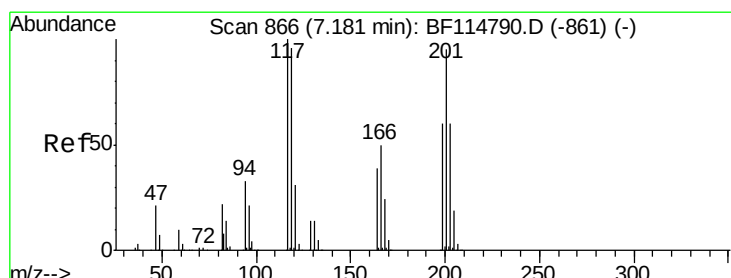
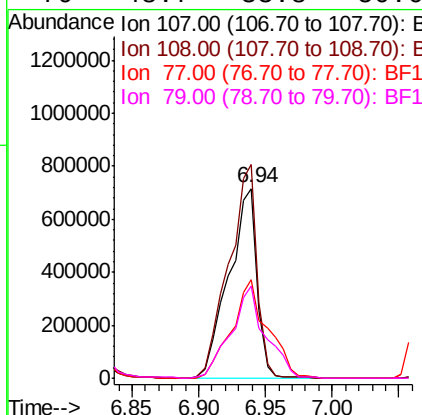
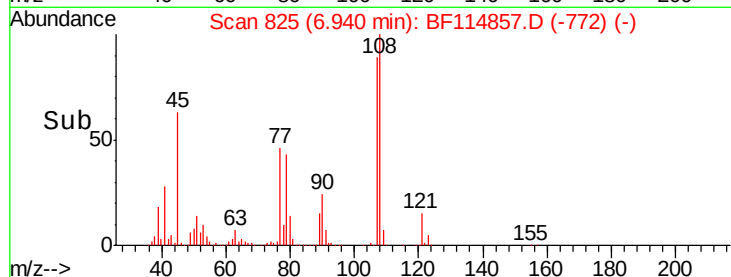
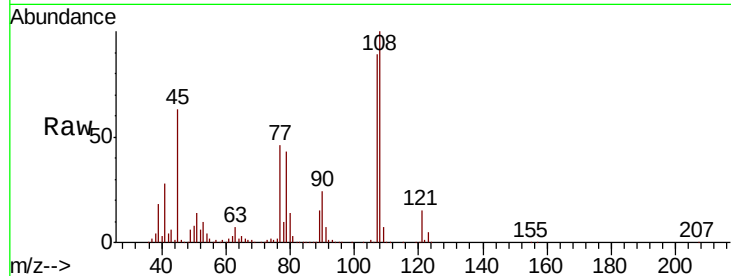
#17
2-Methylphenol
Concen: 41.435 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.2	135.2
77	51.9	34.5	51.7
79	48.7	33.8	50.6

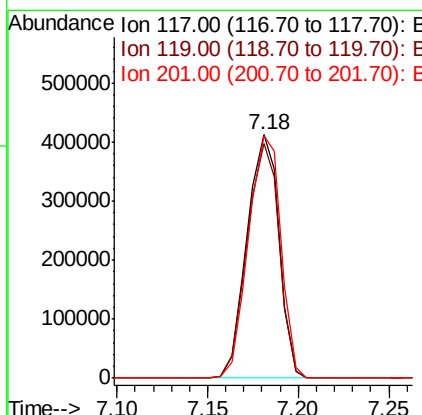
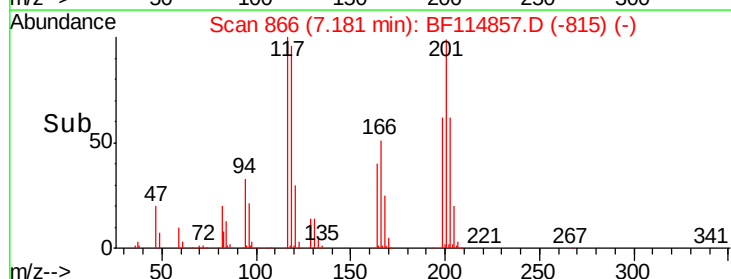
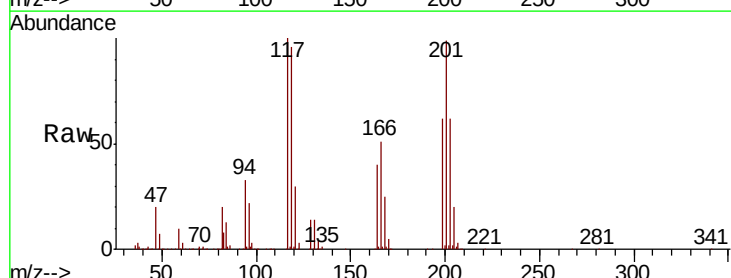
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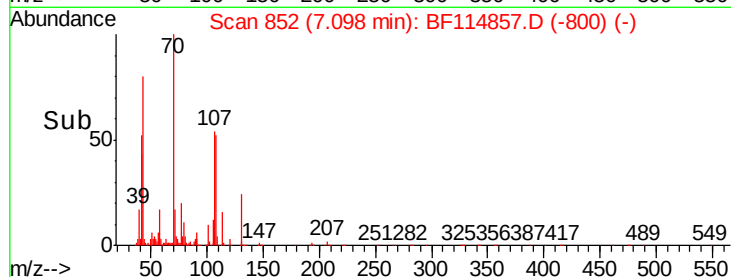
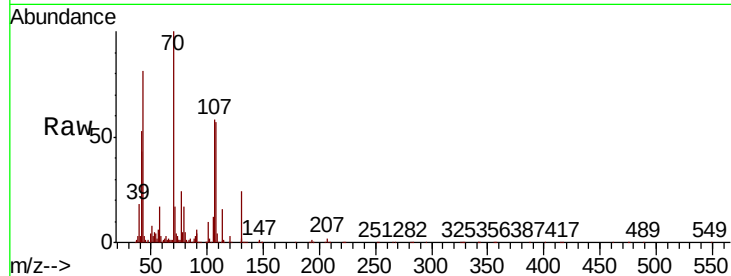
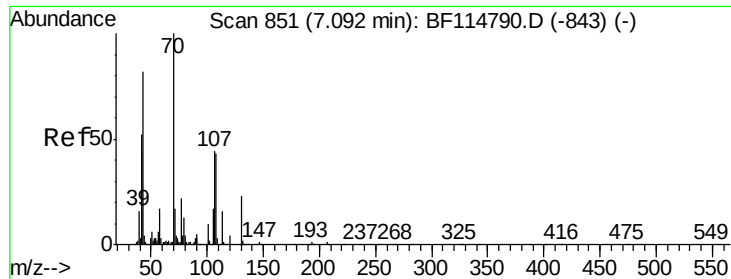
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#18
Hexachloroethane
Concen: 38.352 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.0	115.4
201	99.3	76.0	114.0





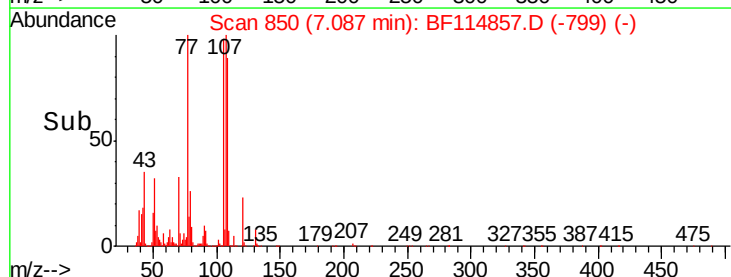
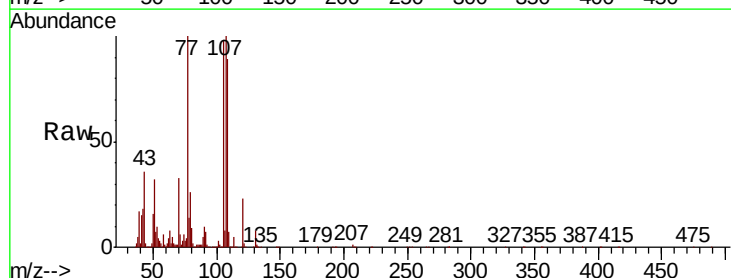
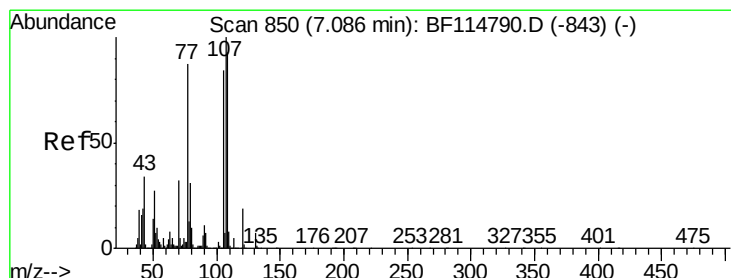
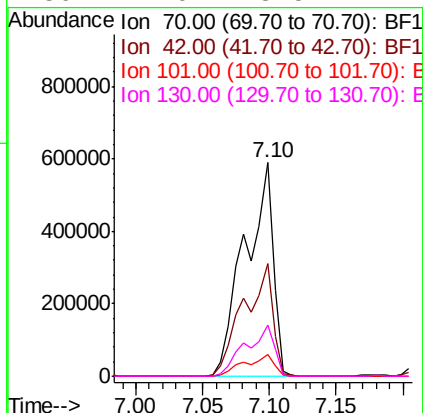
#19
n-Nitroso-di-n-propylamine
Concen: 41.530 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Manual Integrations
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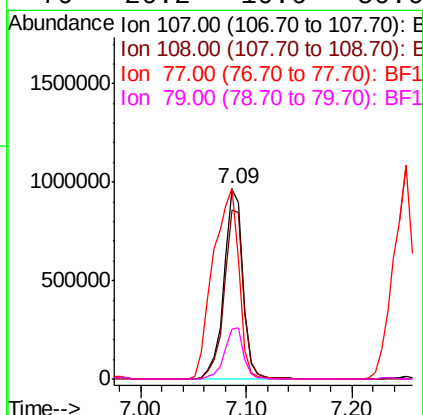
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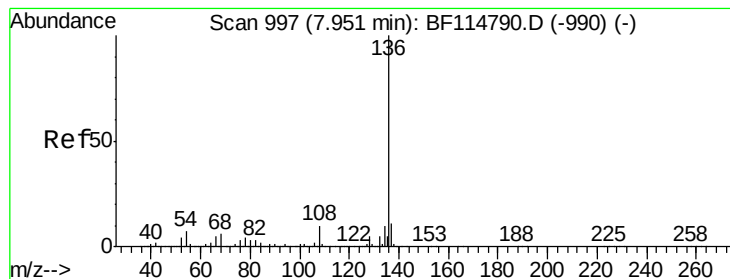
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.5	41.8	62.8	
101	10.1	8.2	12.4	
130	24.0	18.5	27.7	



#20
3+4-Methylphenols
Concen: 42.275 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	73.5	113.5	
77	100.4	67.2	107.2	
79	26.2	10.6	50.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMS

Tot Ion:136 Resp: 1824971

Ion Ratio Lower Upper

136 100

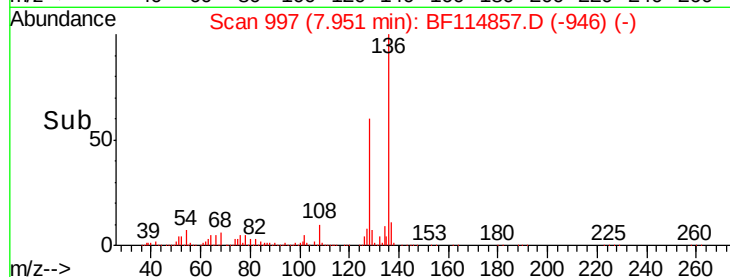
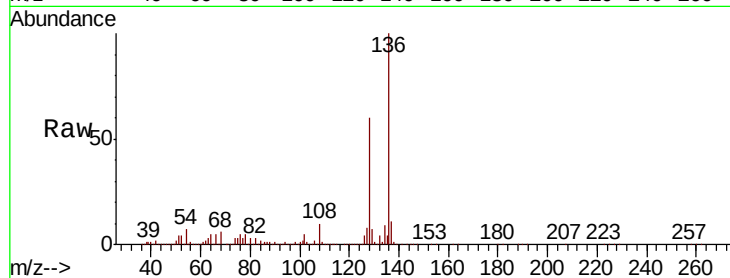
137 11.5 9.1 13.7

54 6.9 5.4 8.0

68 6.3 4.6 6.8

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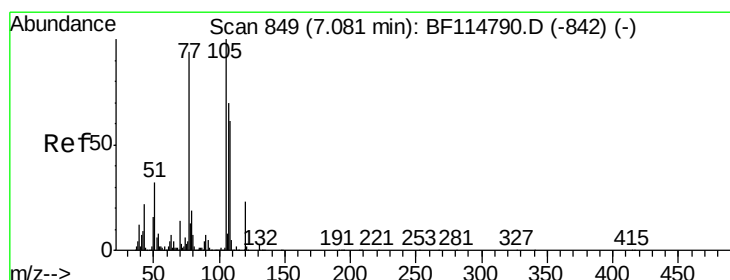
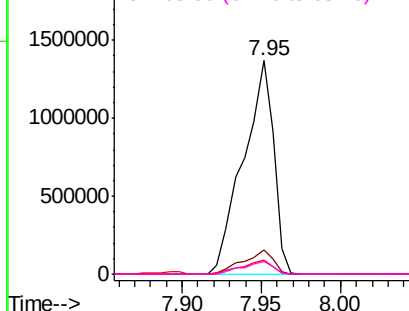
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.174 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Tgt Ion:105 Resp: 1774865

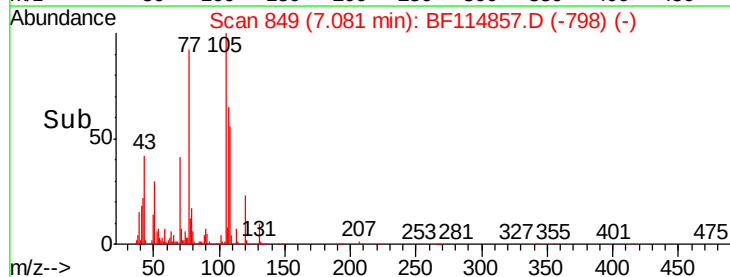
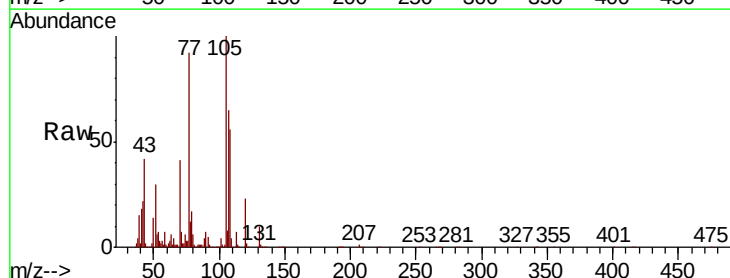
Ion Ratio Lower Upper

105 100

71 6.9 2.0 3.0#

51 30.2 25.4 38.0

120 23.1 18.7 28.1



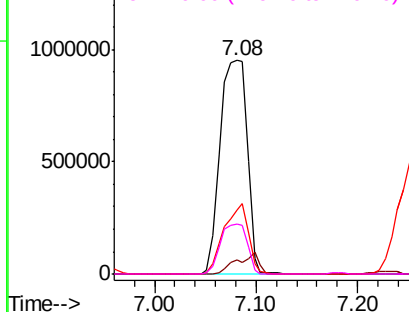
Abundance

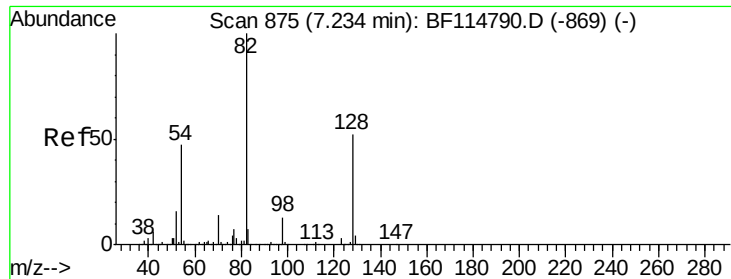
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





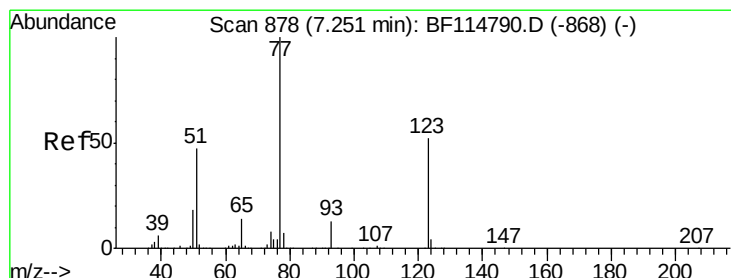
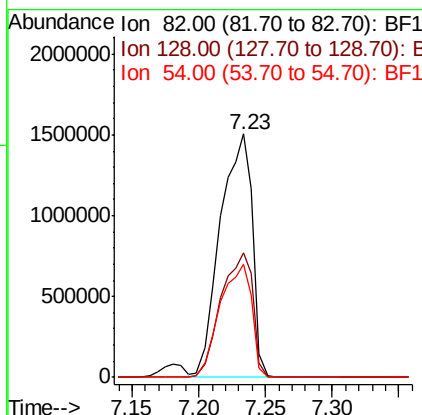
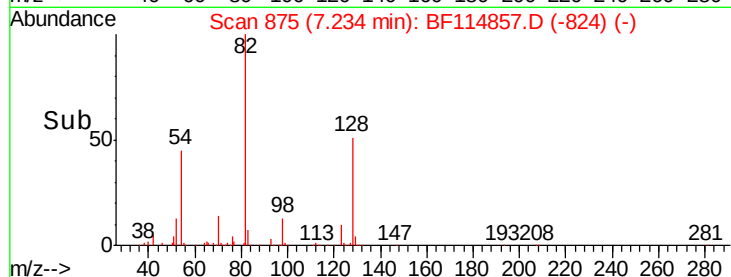
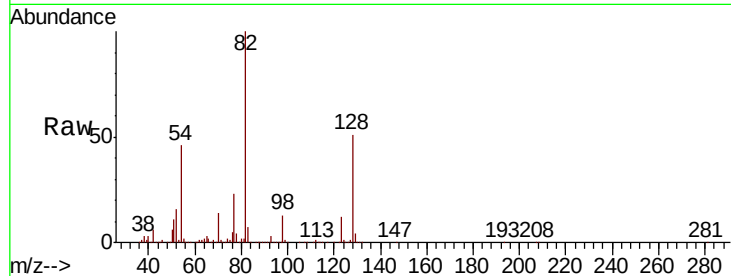
#23
 Nitrobenzene-d5
 Concen: 85.328 ng
 RT: 7.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.2	41.8	62.6
54	46.5	37.9	56.9

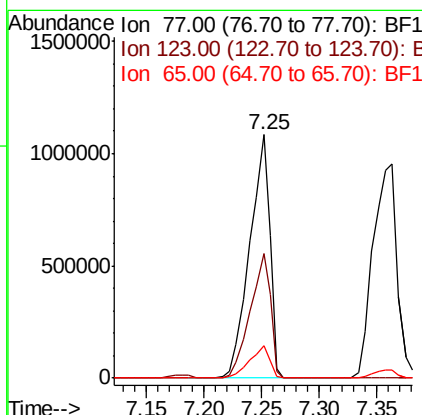
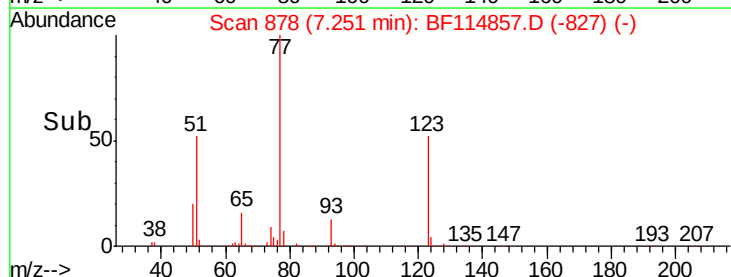
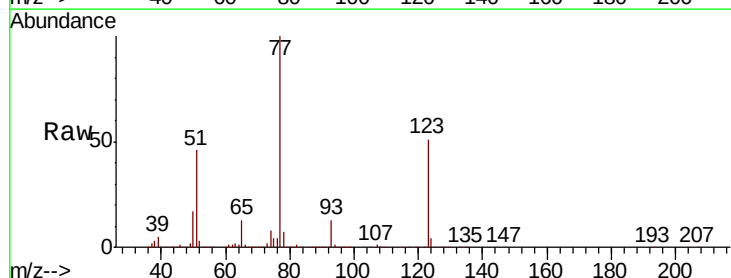
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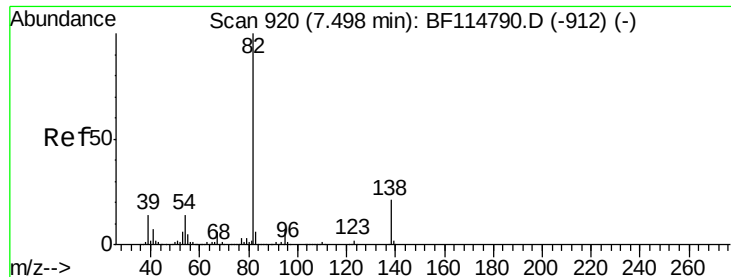
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#24
 Nitrobenzene
 Concen: 42.788 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	41.5	62.3
65	13.3	10.8	16.2





#25

Isophorone

Concen: 43.439 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMS

Tot Ion: 82 Resp: 2545918

Ion Ratio Lower Upper

82 100

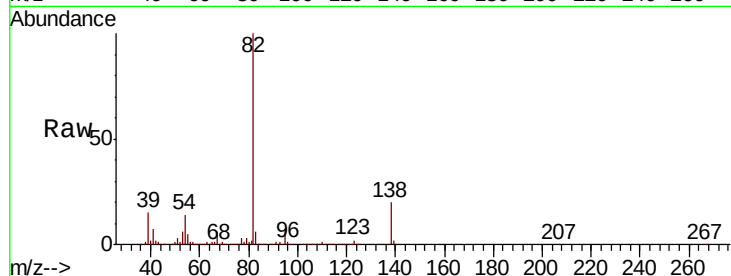
95 7.0 5.8 8.8

138 20.5 16.9 25.3

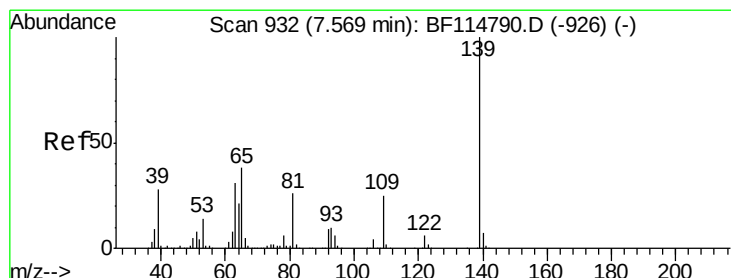
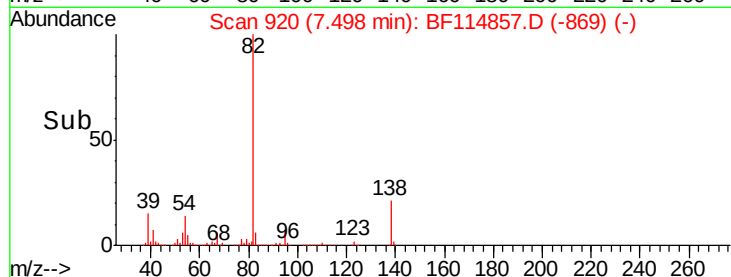
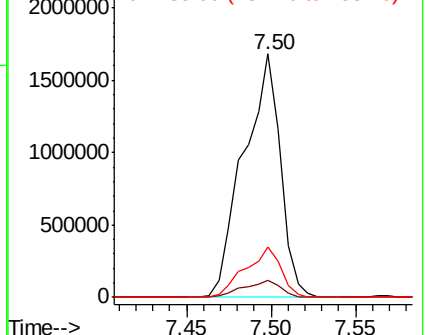
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.528 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

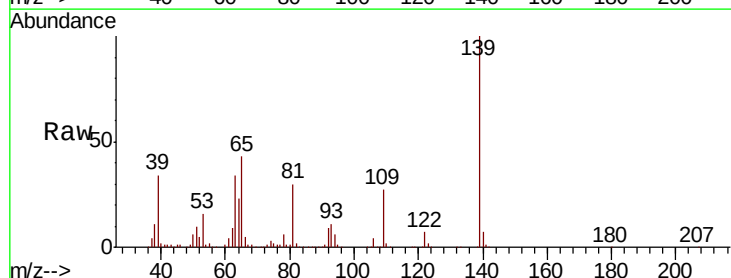
Tgt Ion: 139 Resp: 740687

Ion Ratio Lower Upper

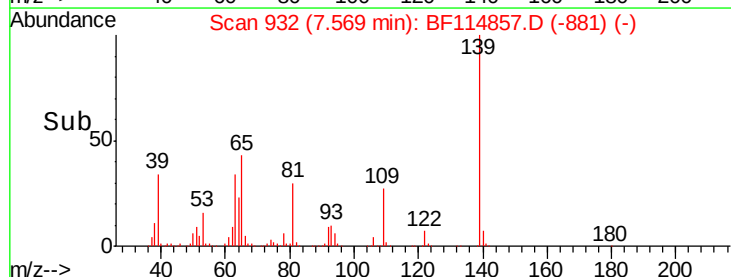
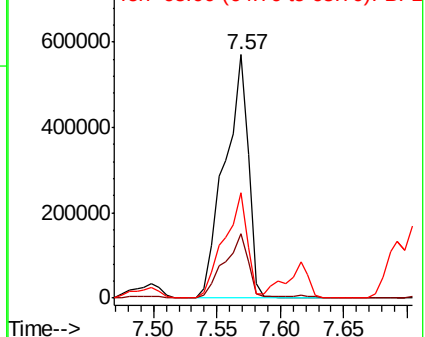
139 100

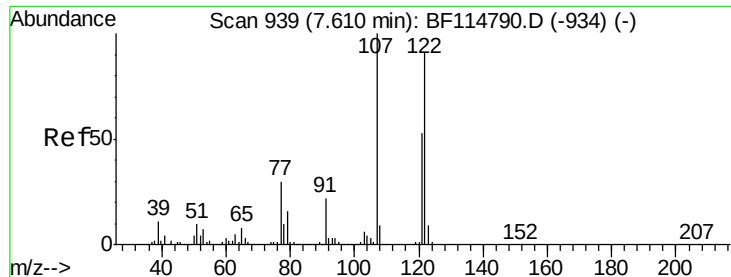
109 26.5 20.4 30.6

65 43.0 30.5 45.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.076 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

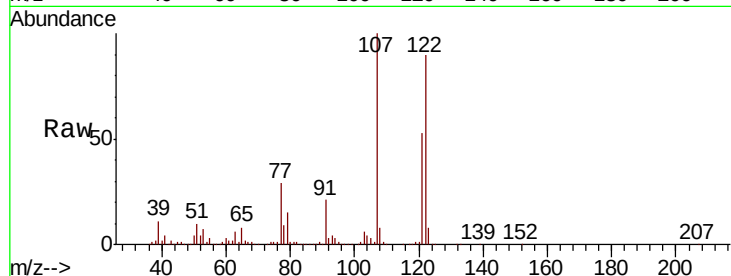
ClientSampleId :

IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	87.9	131.9
121	59.1	46.4	69.6

Manual Integrations
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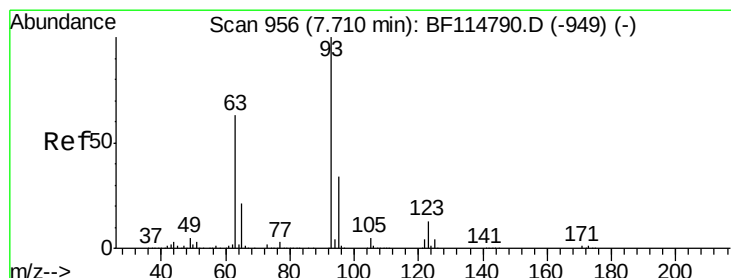
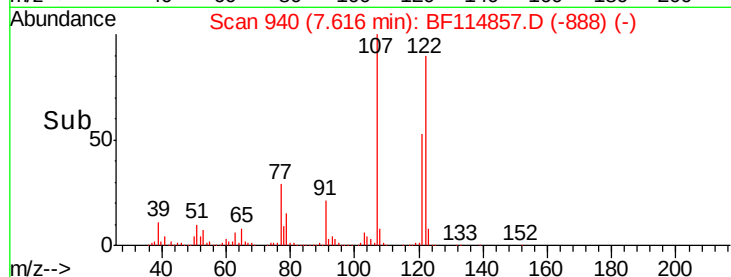
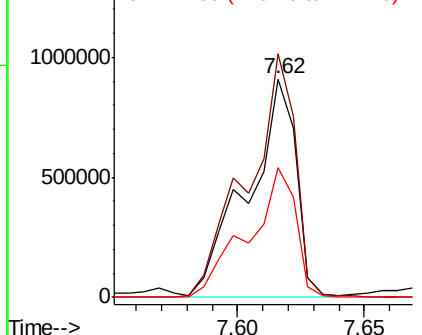


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.791 ng

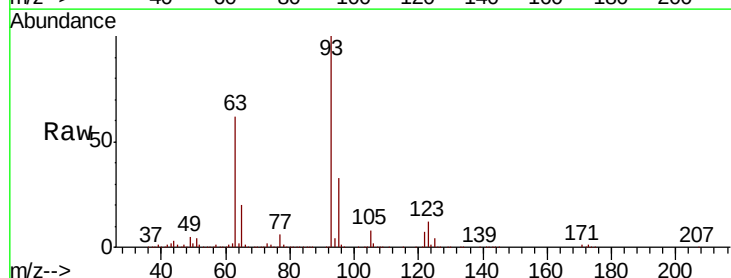
RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.9	40.3
123	12.4	10.4	15.6

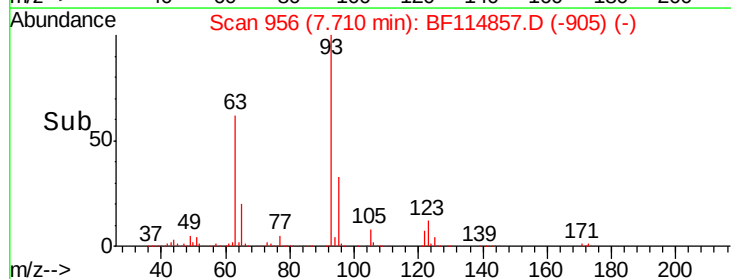
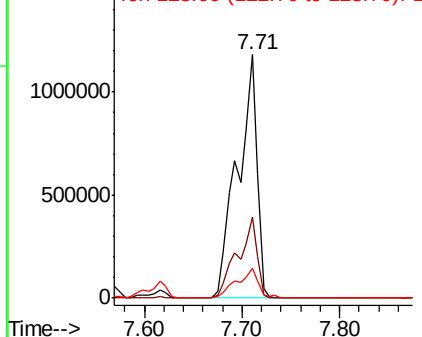


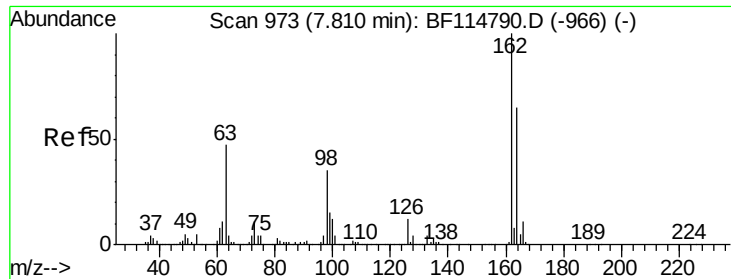
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





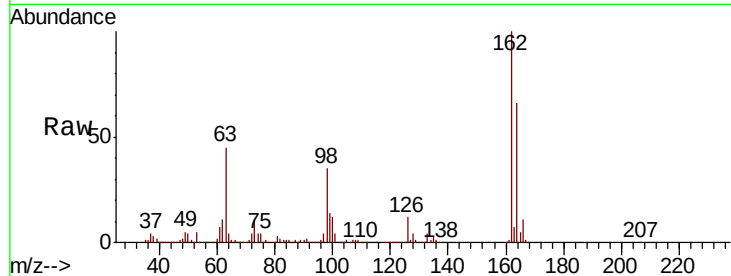
#29
 2,4-Dichlorophenol
 Concen: 44.833 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.1	85.1
98	34.5	14.6	54.6

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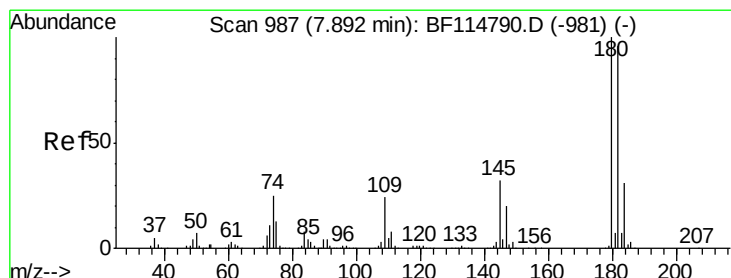
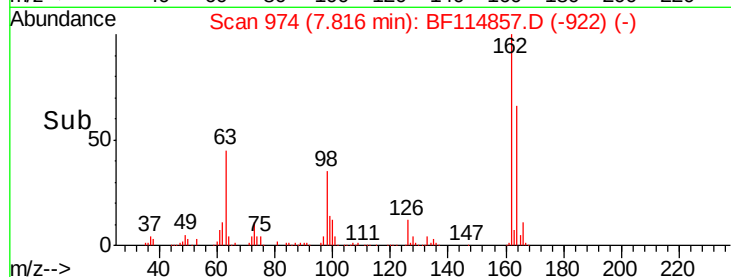
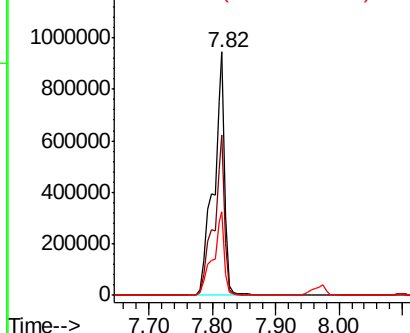


Abundance

Ion 162.00 (161.70 to 162.70): E

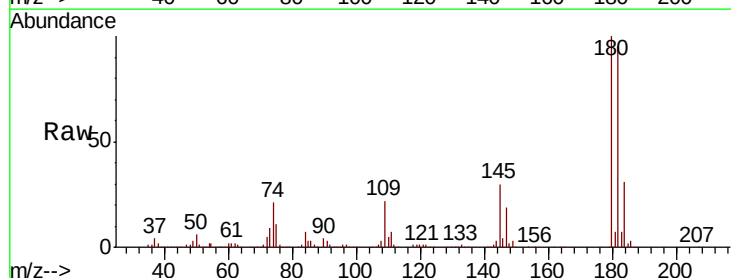
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.145 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.5	114.7
145	30.2	25.8	38.8

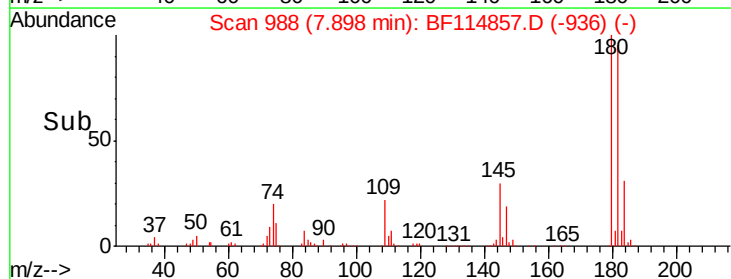
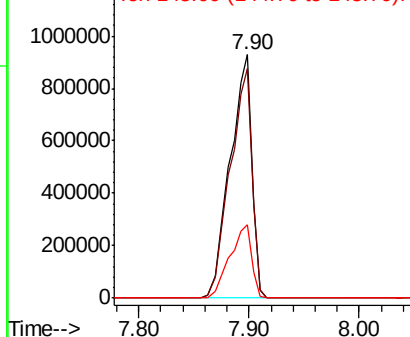


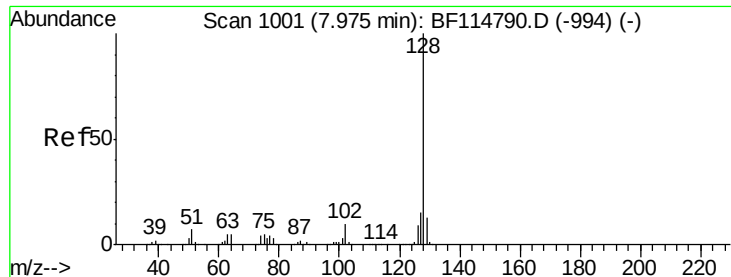
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





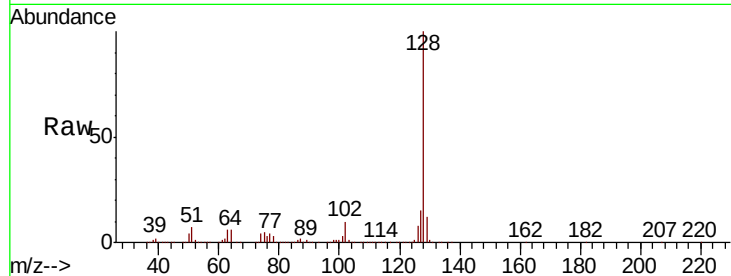
#31
Naphthalene
Concen: 45.885 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.0	15.0
127	14.7	12.2	18.2

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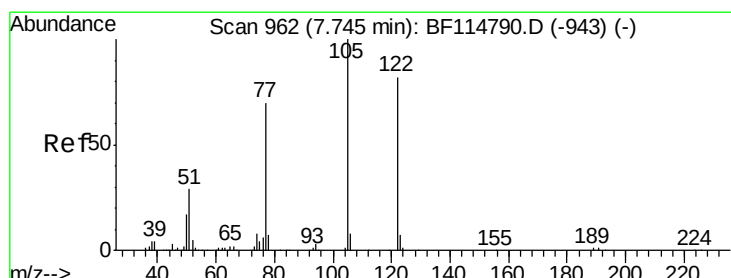
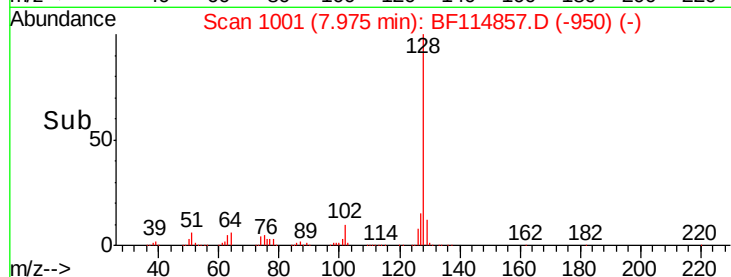
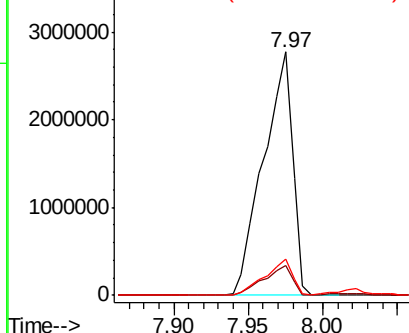


Abundance

Ion 128.00 (127.70 to 128.70): E

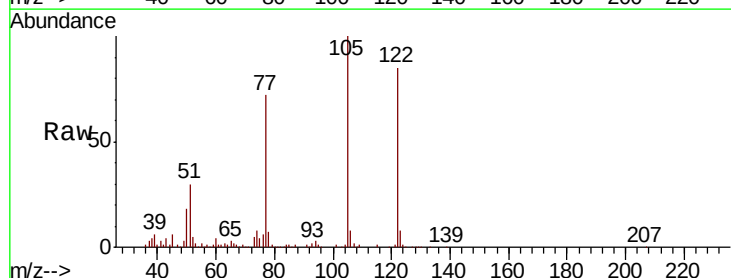
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 21.248 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.2	98.7	138.7
77	84.8	64.8	104.8

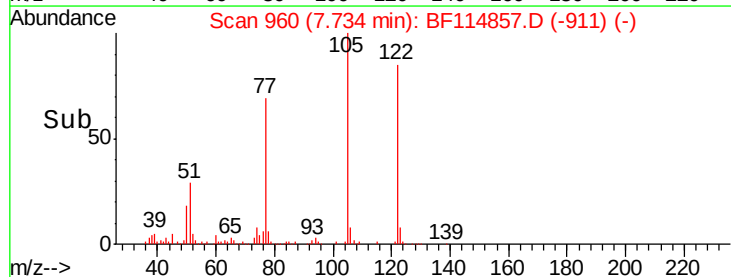
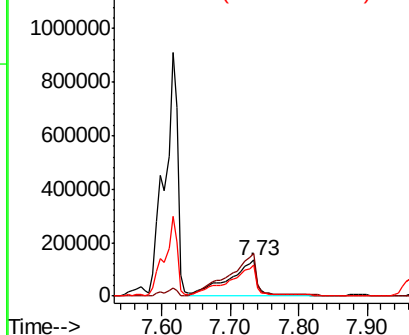


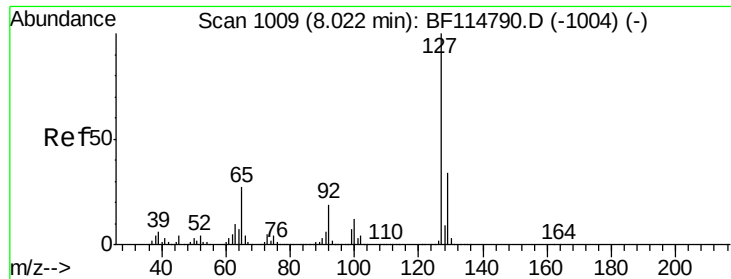
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





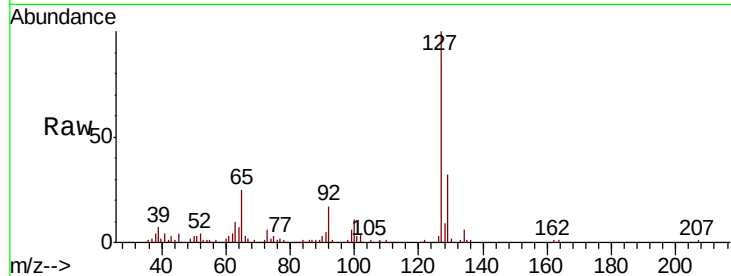
#33
4-Chloroaniline
Concen: 3.191 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.9	40.3
65	25.0	21.7	32.5
92	17.0	14.8	22.2

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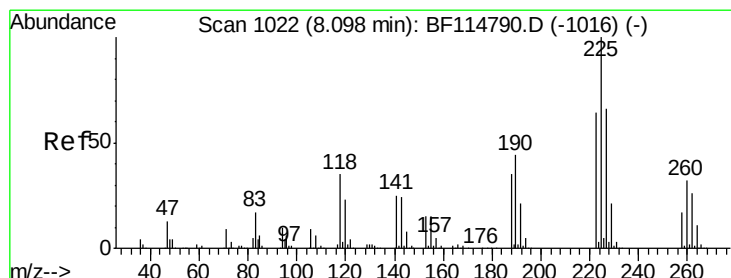
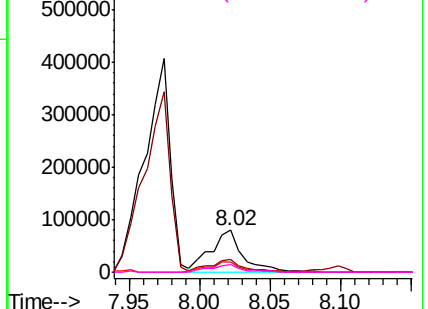
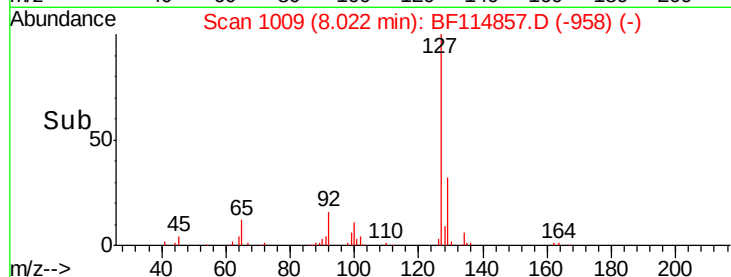
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

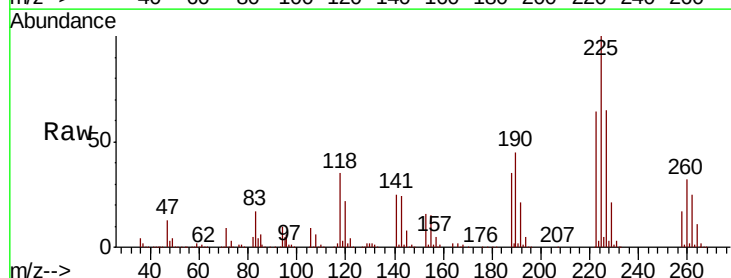
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.826 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	65.0	52.6	78.8

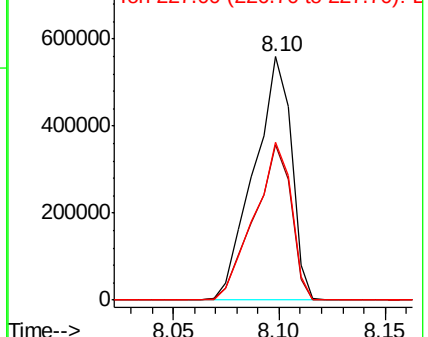
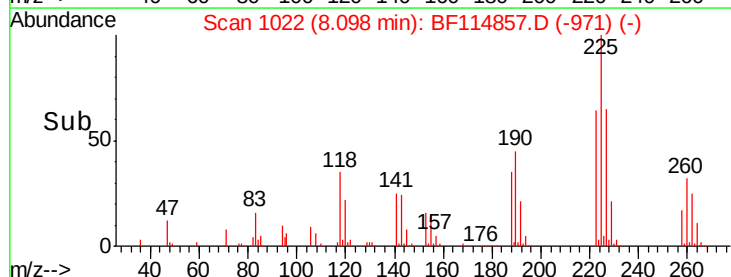


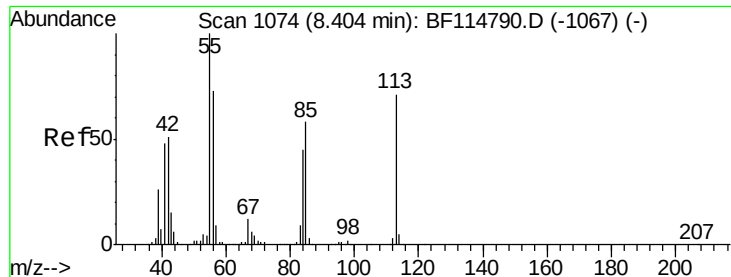
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





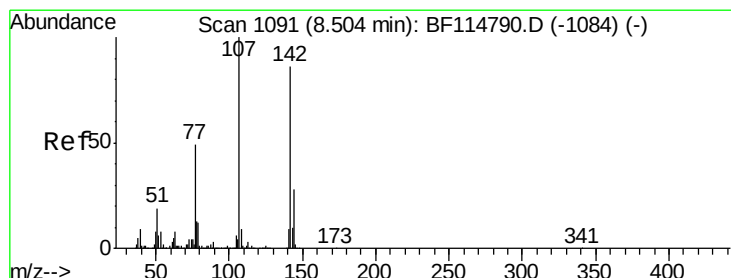
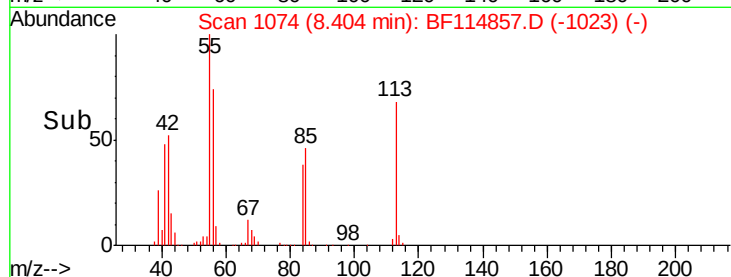
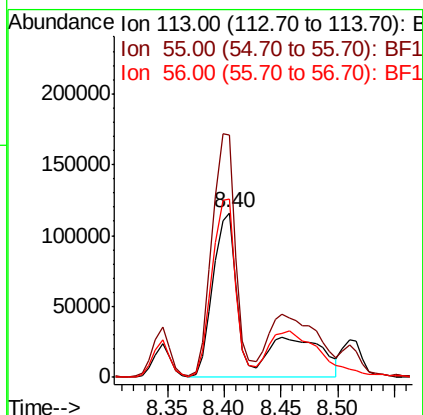
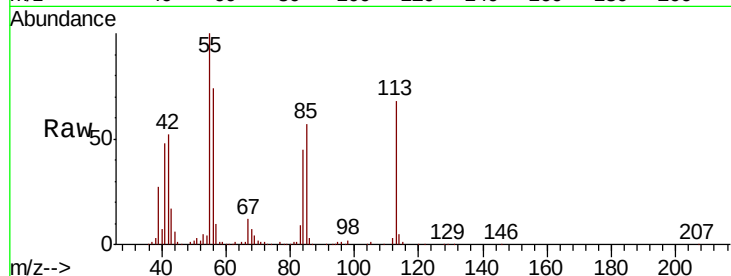
#35
 Caprolactam
 Concen: 29.738 ng/ml
 RT: 8.40 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	146.8	121.1	161.1		
56	108.0	82.6	122.6		

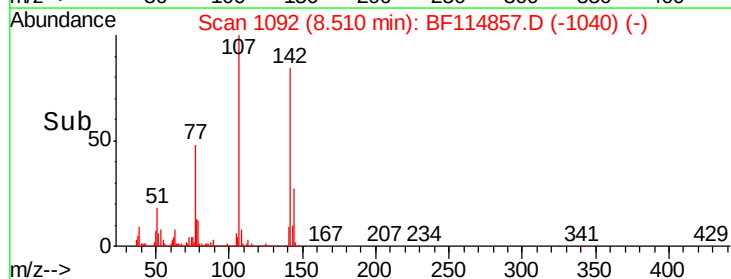
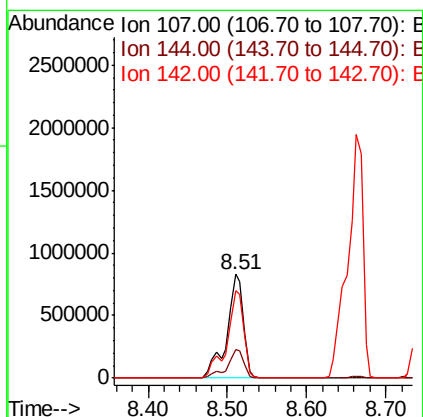
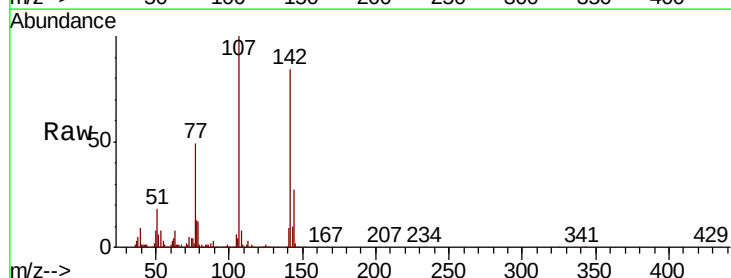
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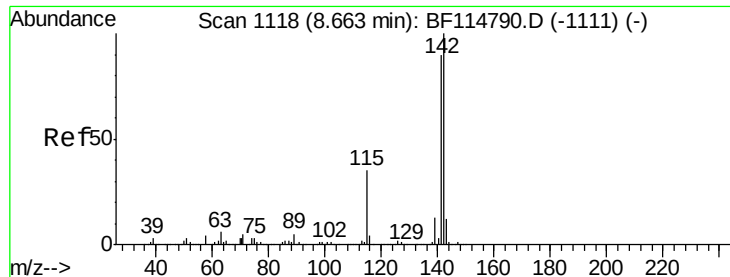
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#36
 4-Chloro-3-methylphenol
 Concen: 45.400 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.4	22.1	33.1		
142	84.4	68.4	102.6		





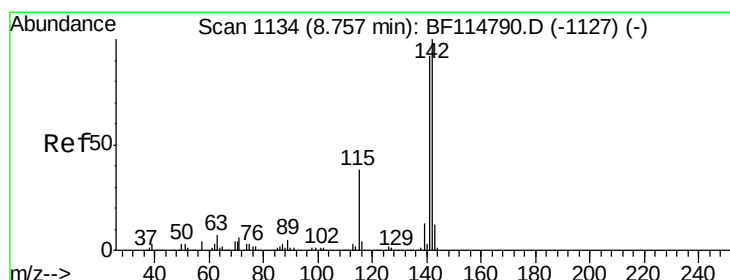
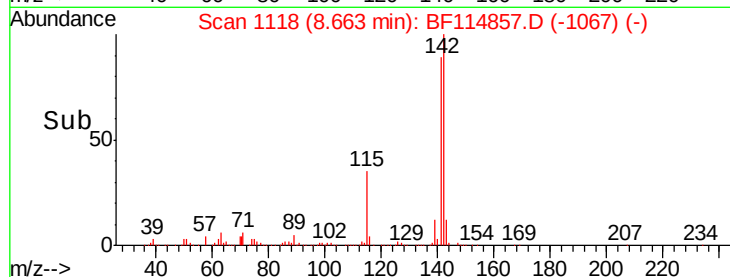
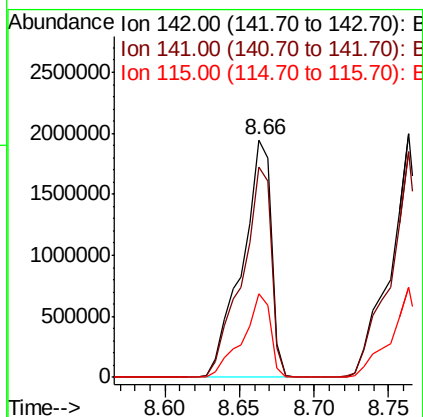
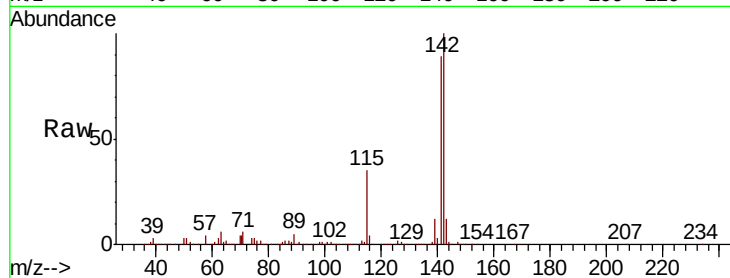
#37
2-Methylnaphthalene
Concen: 46.377 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	35.2	28.2	42.4

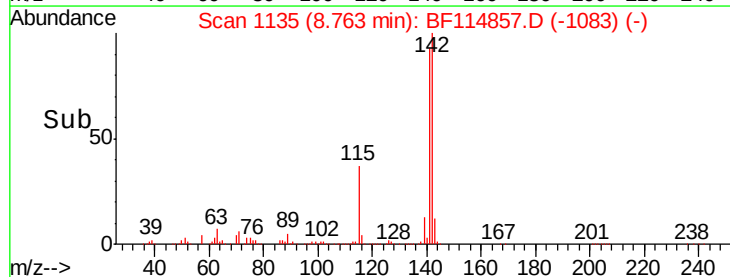
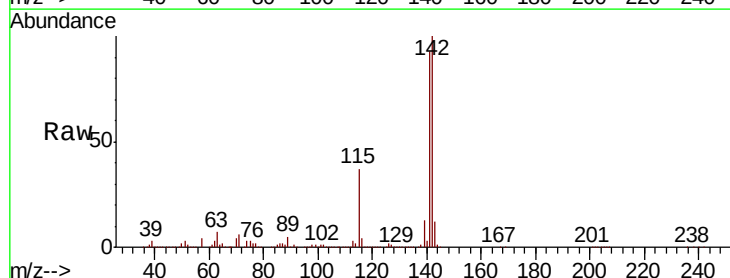
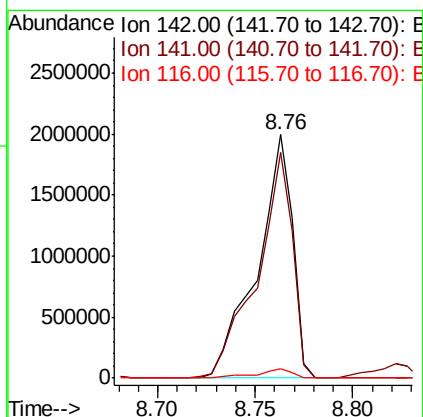
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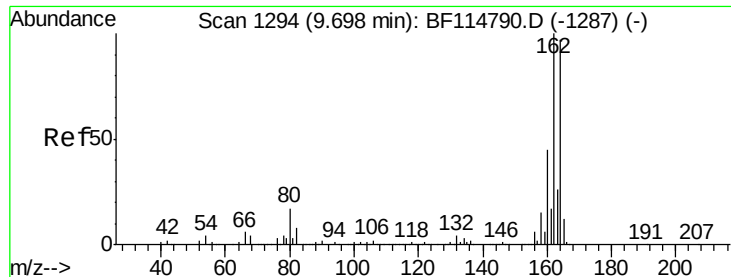
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#38
1-Methylnaphthalene
Concen: 46.346 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.8	110.6
116	4.0	3.3	4.9





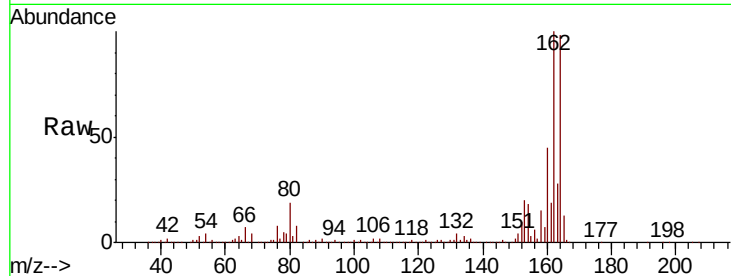
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	82.3	123.5	
160	46.1	36.7	55.1	

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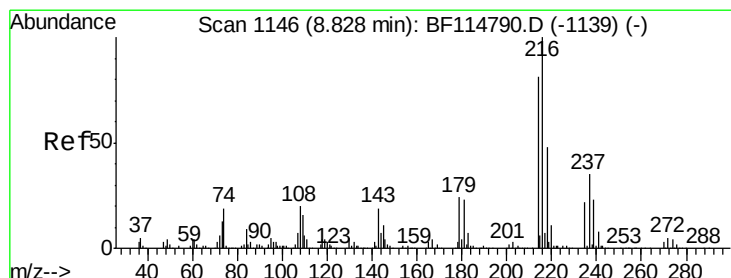
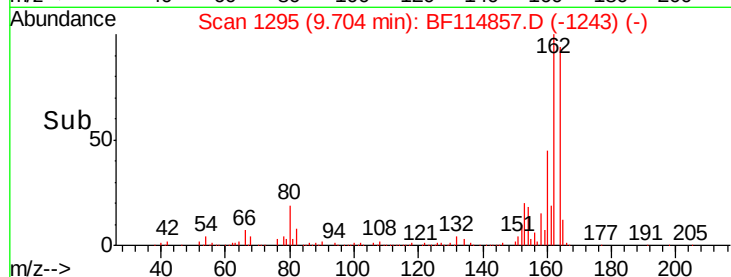
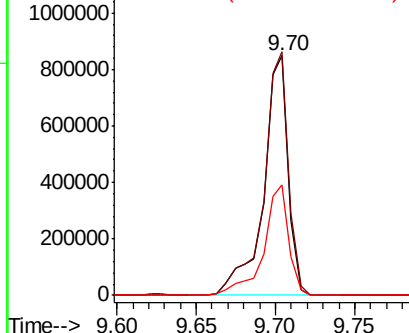


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.510 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	63.4	95.2	
179	22.7	18.3	27.5	
108	20.8	15.5	23.3	

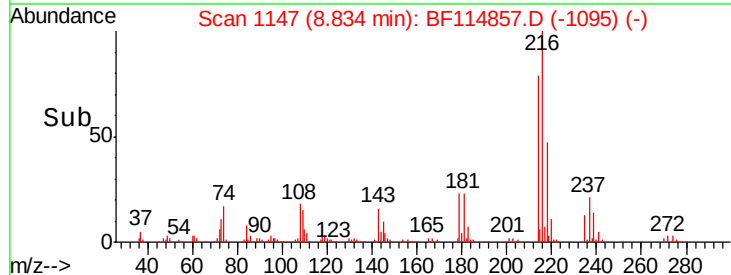
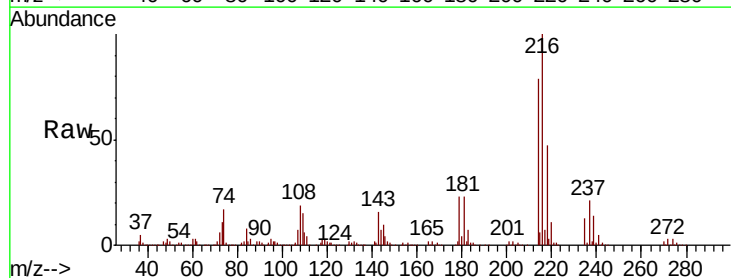
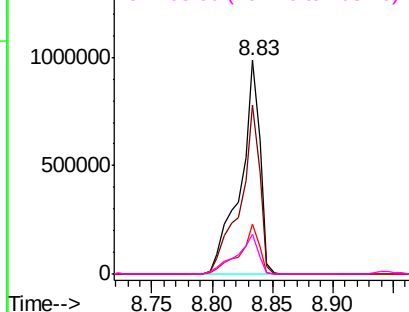
Abundance

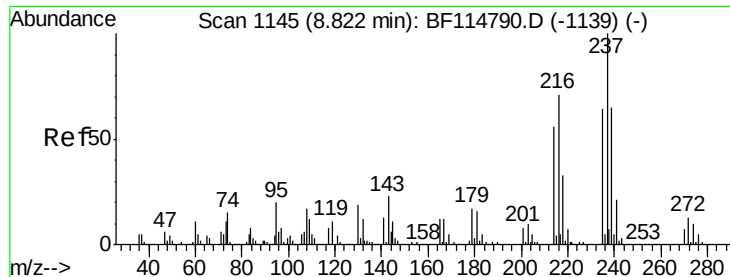
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 71.763 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMS

Tot Ion:237 Resp: 1165937

Ion Ratio Lower Upper

237 100

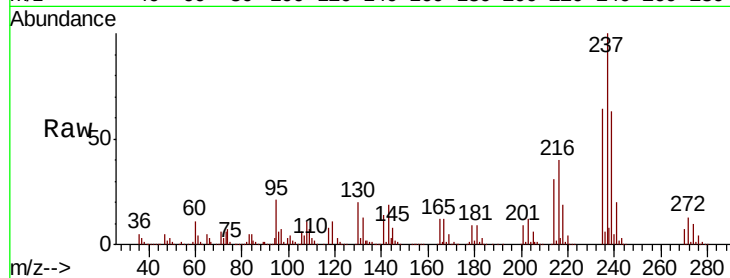
235 63.6 44.0 84.0

272 13.0 0.0 33.4

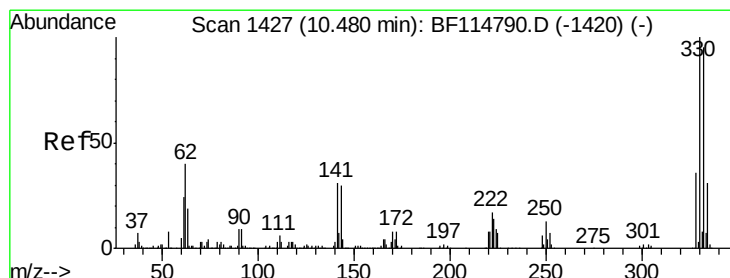
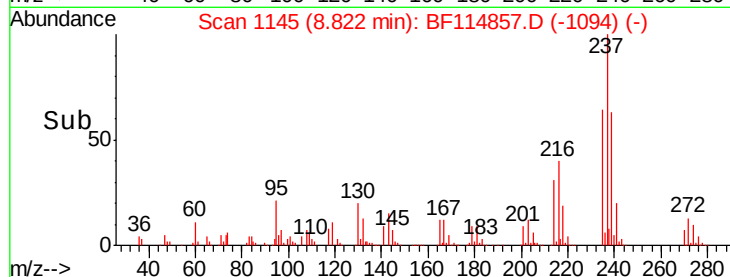
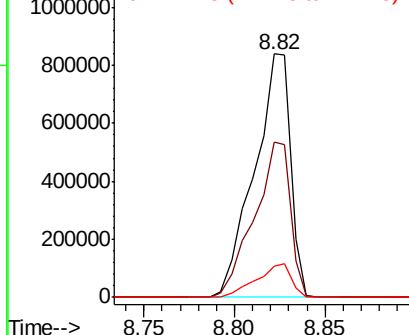
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.465 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

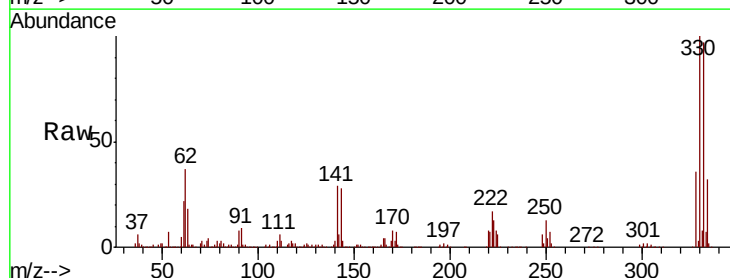
Tgt Ion:330 Resp: 1116597

Ion Ratio Lower Upper

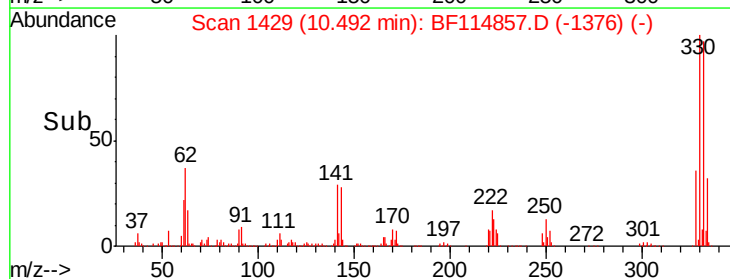
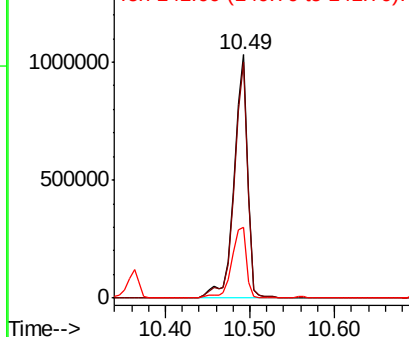
330 100

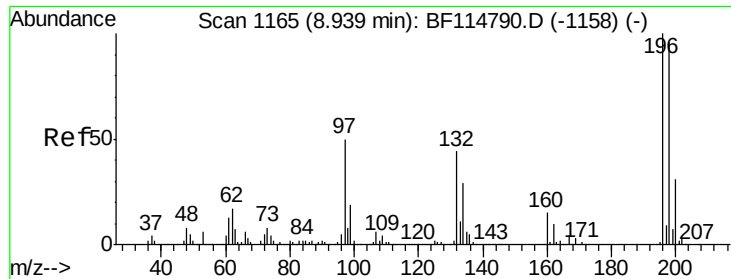
332 96.5 77.3 115.9

141 32.2 26.2 39.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





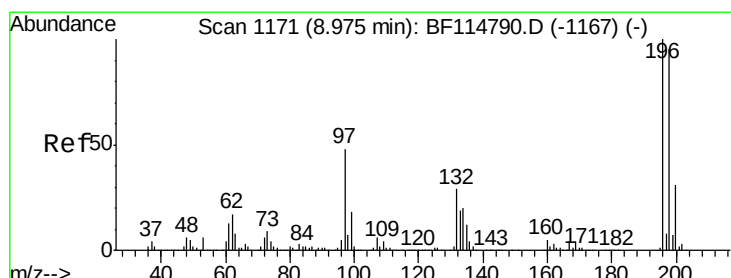
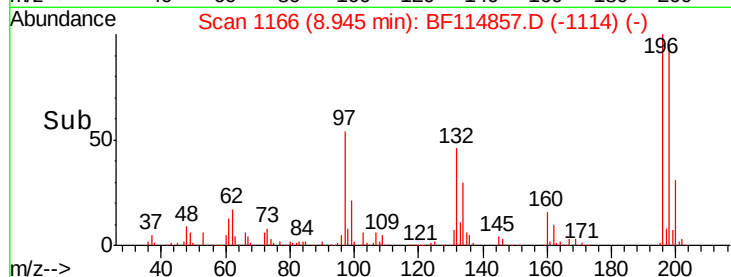
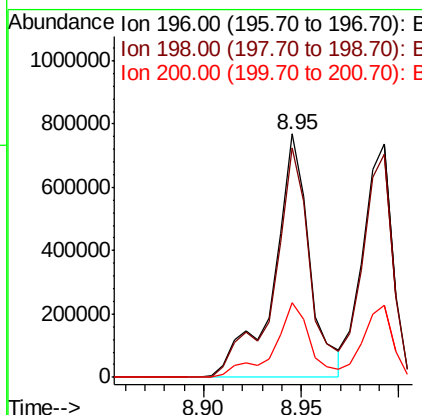
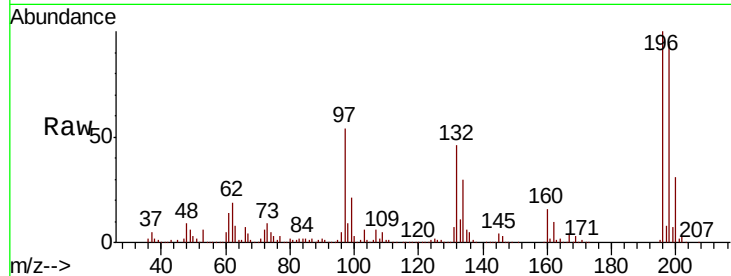
#43
 2,4,6-Trichlorophenol
 Concen: 47.242 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	984080		
198	94.3	77.1	115.7	
200	30.5	24.6	36.8	

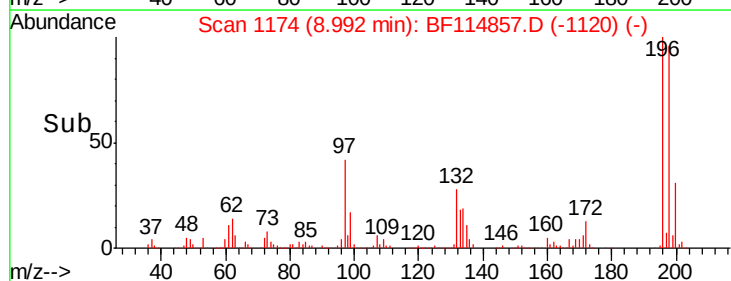
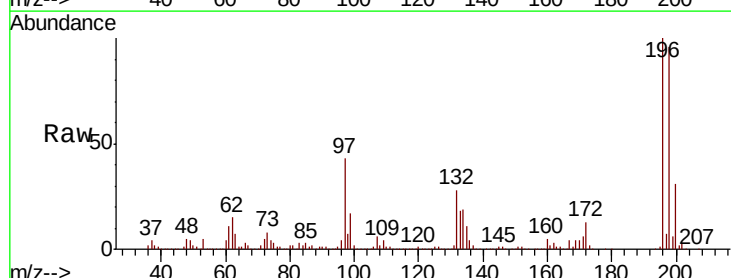
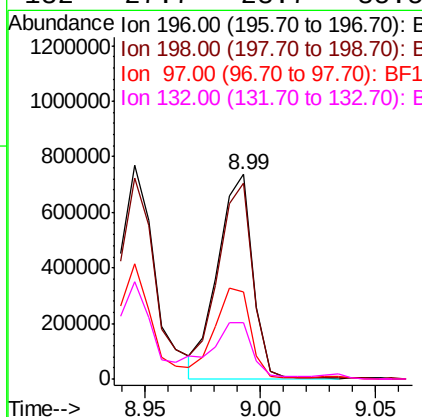
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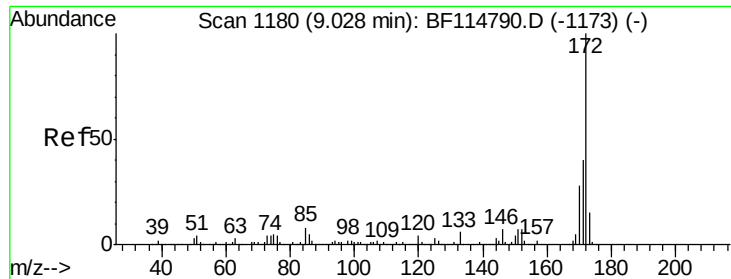
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#44
 2,4,5-Trichlorophenol
 Concen: 36.904 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	774176		
198	95.9	76.2	114.4	
97	42.5	38.2	57.4	
132	27.7	23.7	35.5	





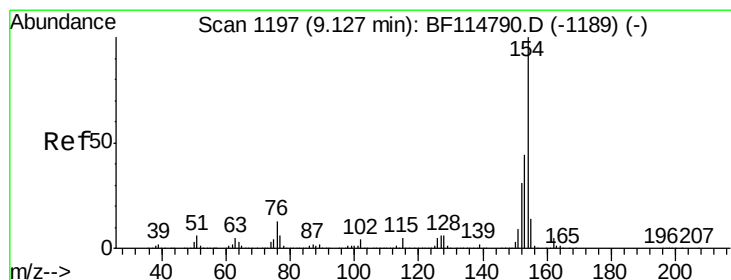
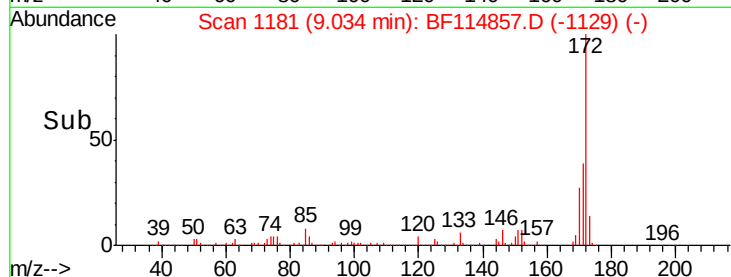
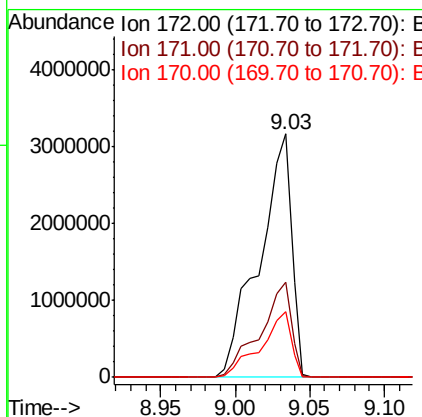
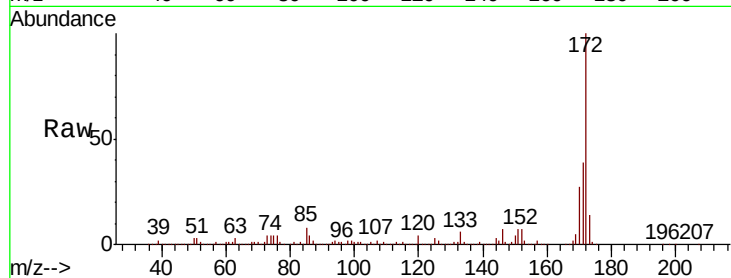
#45
2-Fluorobiphenyl
Concen: 96.767 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.3	48.5
170	26.9	22.4	33.6

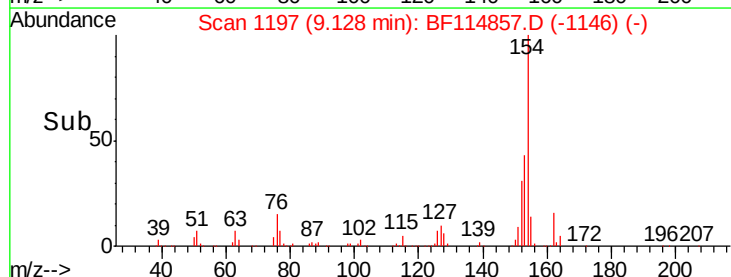
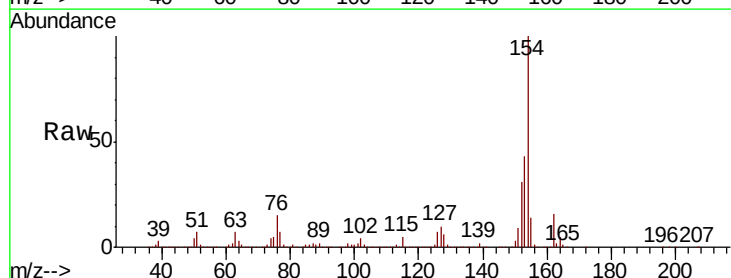
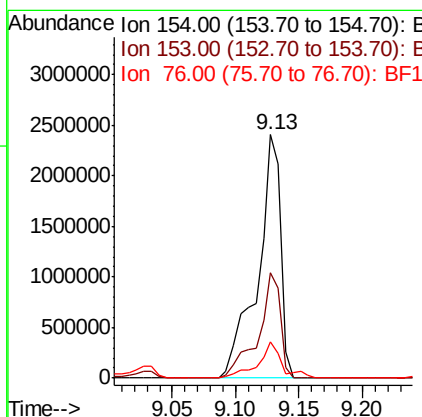
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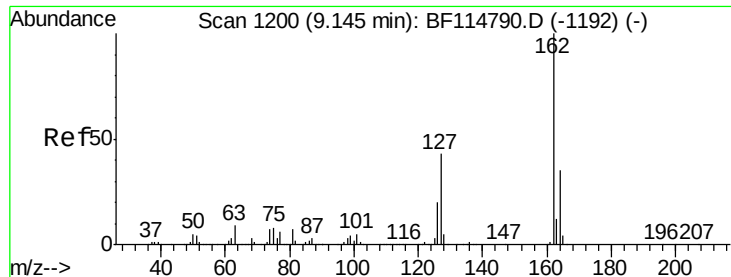
mohammad
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#46
1,1'-Biphenyl
Concen: 44.317 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	23.9	63.9
76	14.8	0.0	33.2





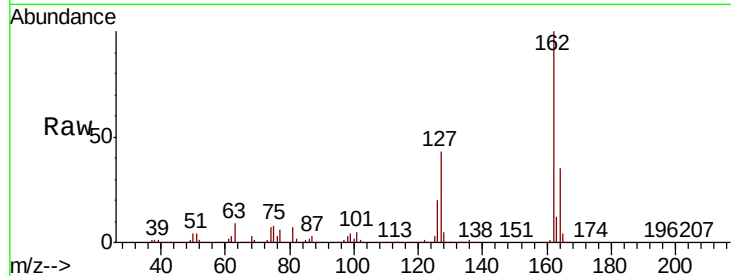
#47
2-Chloronaphthalene
Concen: 41.165 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	34.6	51.8
164	35.0	27.8	41.8

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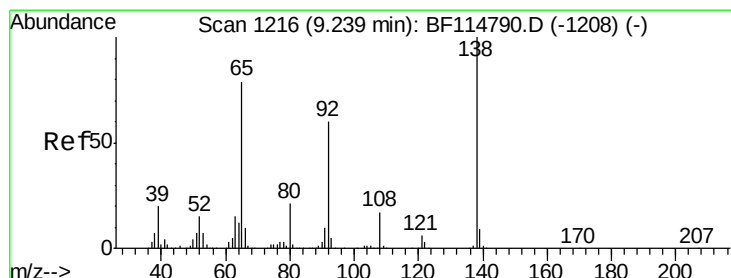
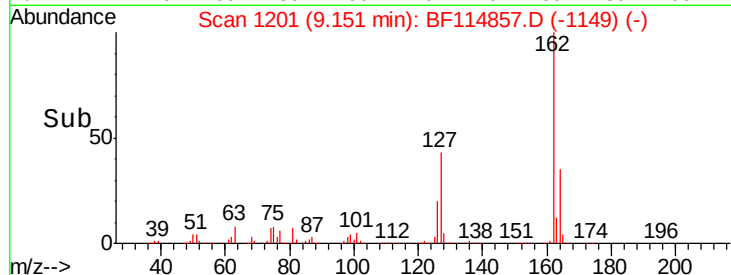
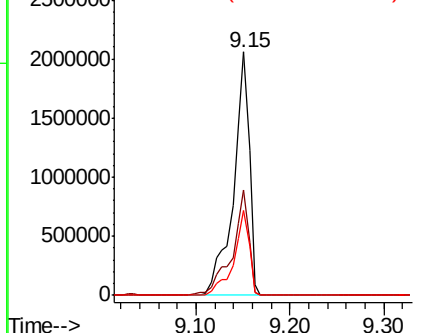


Abundance

Ion 162.00 (161.70 to 162.70): E

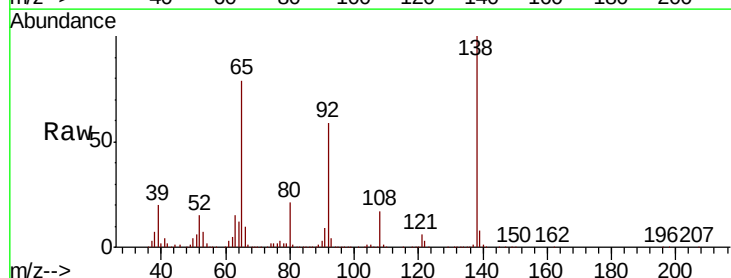
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.989 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	60.4	90.6
138	126.7	101.2	151.8

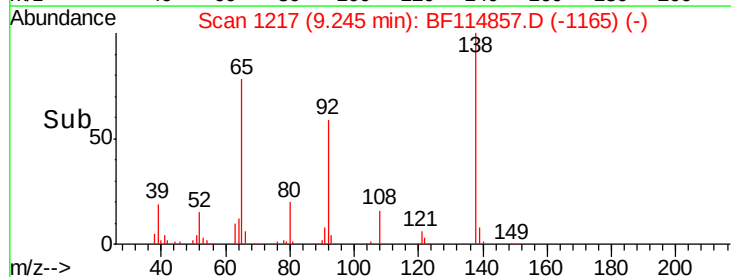
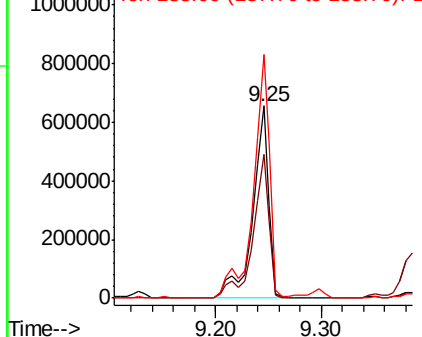


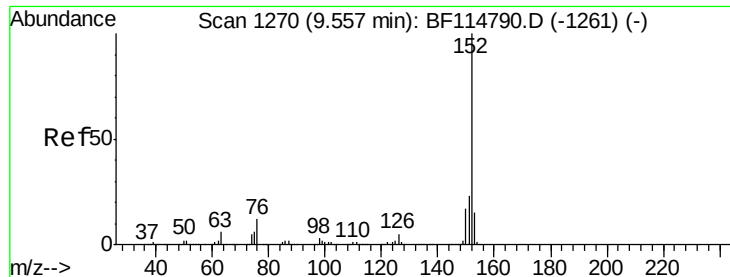
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.545 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMS

Tot Ion:152 Resp: 3696756

Ion Ratio Lower Upper

152 100

151 22.8 18.3 27.5

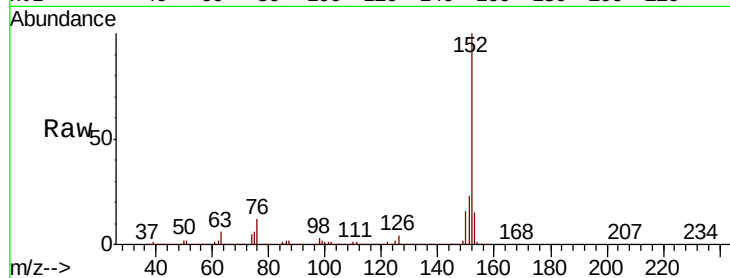
153 15.3 12.3 18.5

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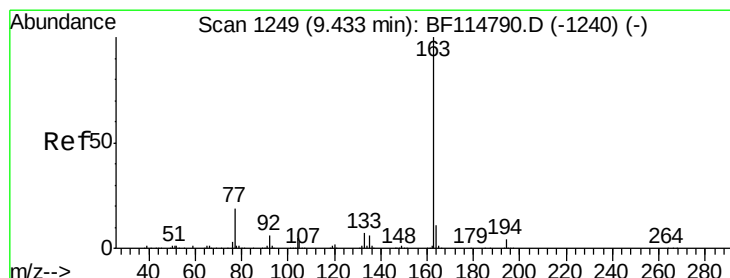
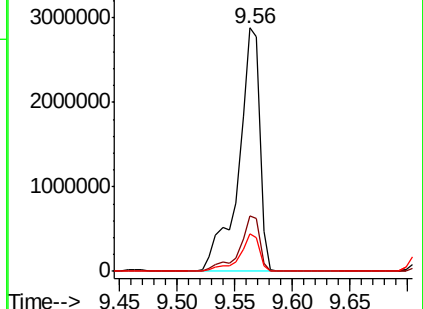
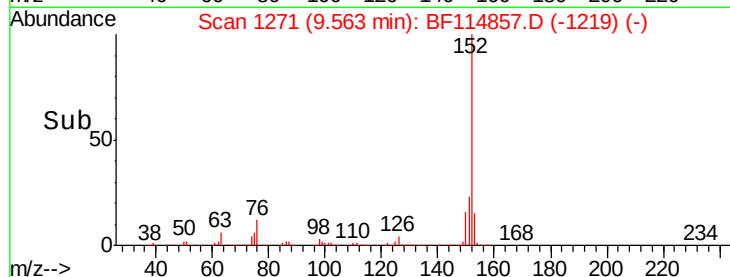
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.371 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

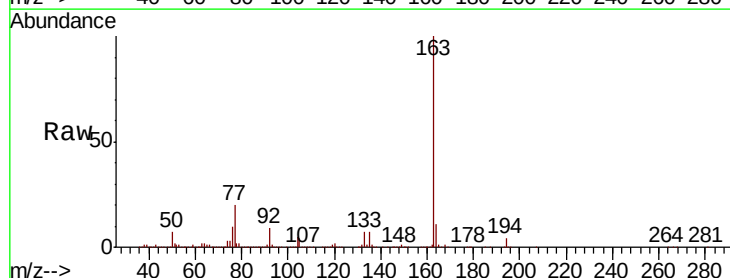
Tgt Ion:163 Resp: 2469255

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

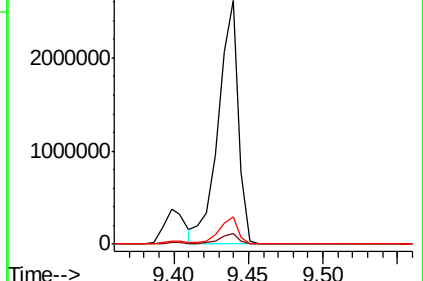
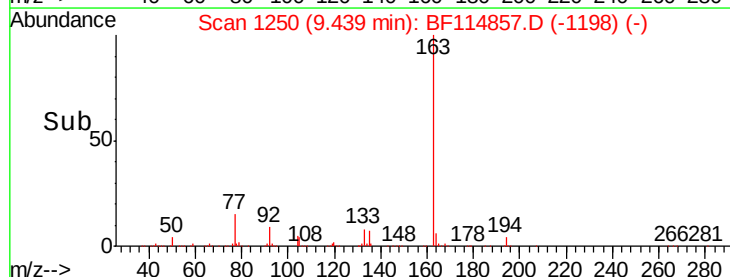
164 11.1 8.6 13.0

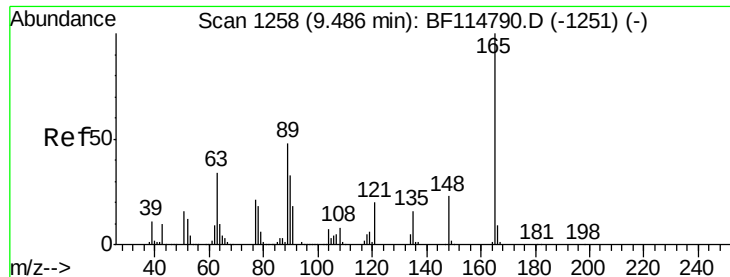


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.910 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

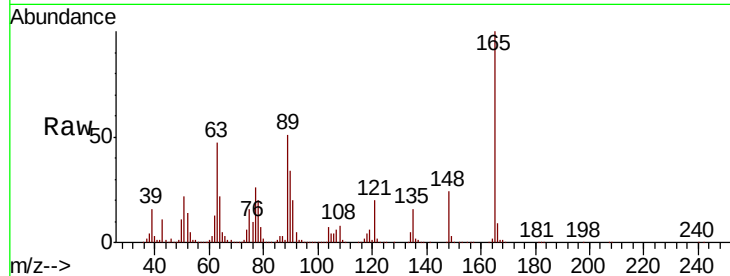
ClientSampleId :

IRONBOUND-TPMS

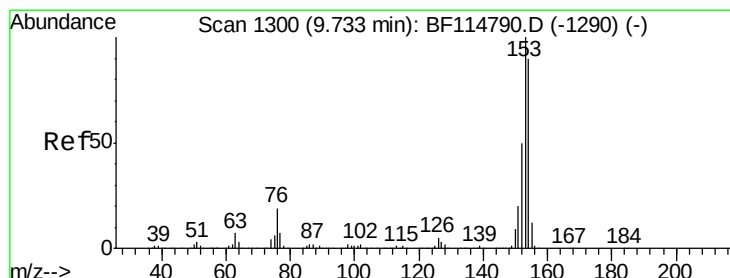
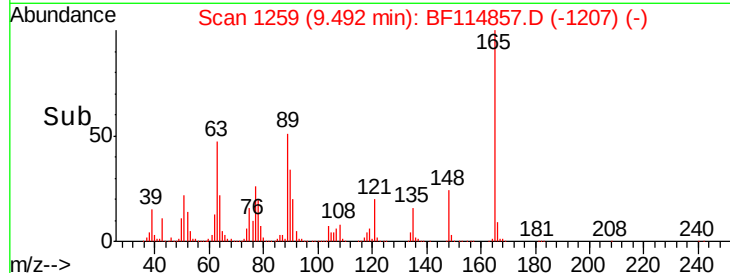
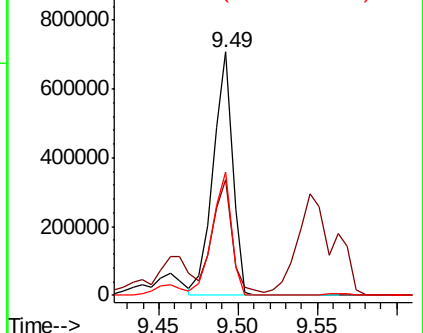
Tot Ion:	165	Resp:	605287
Ion Ratio	Lower	Upper	
165	100		
63	47.3	35.1	52.7
89	50.5	38.2	57.2

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.839 ng

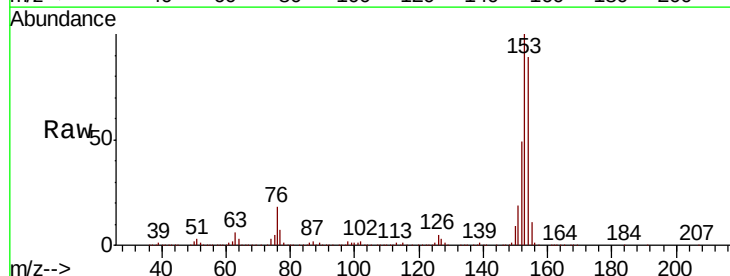
RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

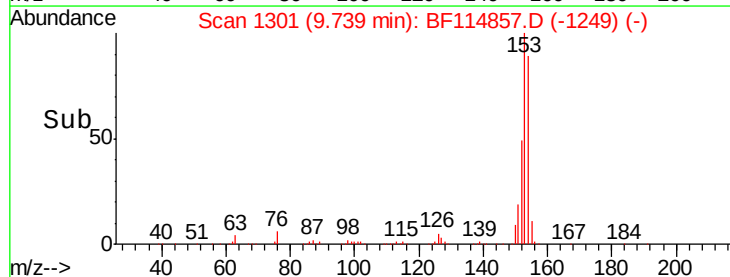
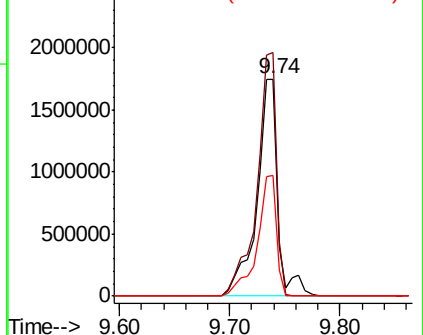
Lab File: BF114857.D

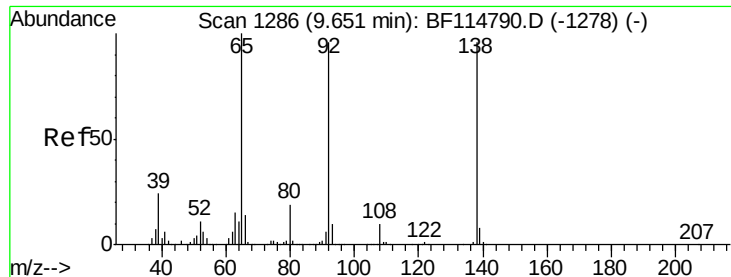
Acq: 6 Jun 2019 12:36

Tgt Ion:	154	Resp:	2326732
Ion Ratio	Lower	Upper	
154	100		
153	112.2	88.5	132.7
152	55.5	44.1	66.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 5.260 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

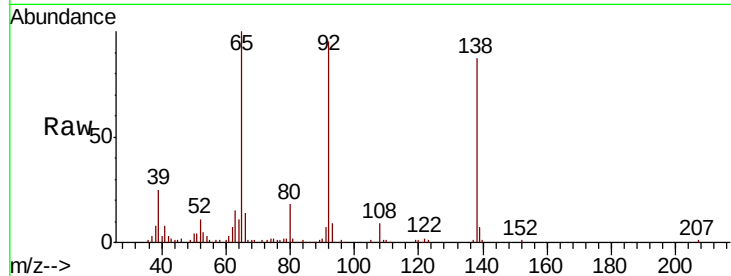
ClientSampleId :

IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.9	11.9
92	108.4	79.9	119.9

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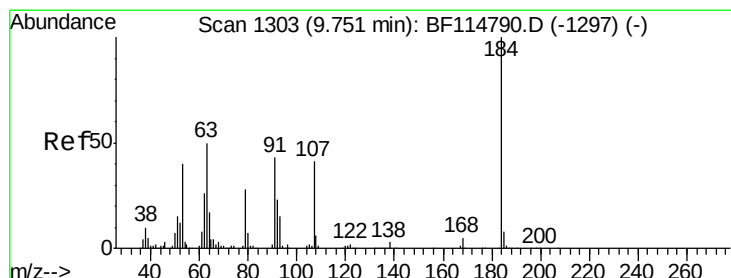
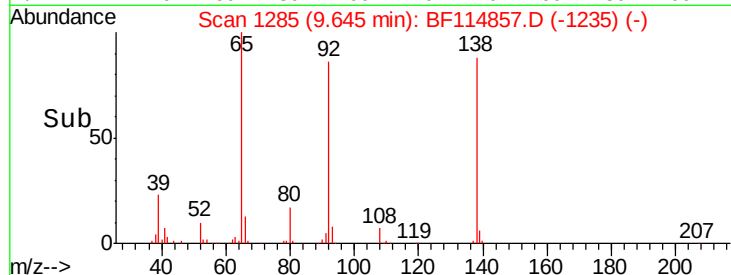
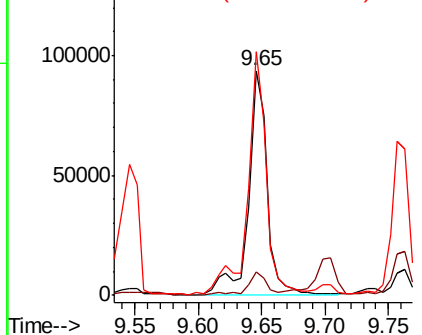


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 37.259 ng

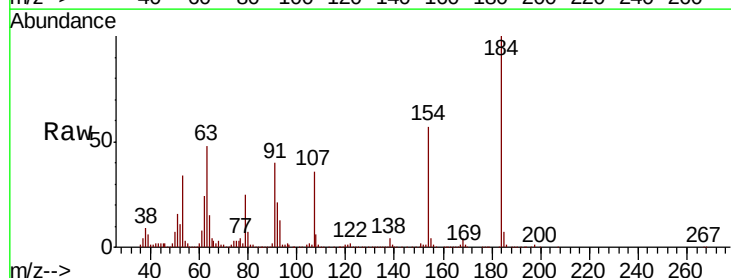
RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.8	44.1	66.1
154	57.2	48.1	72.1

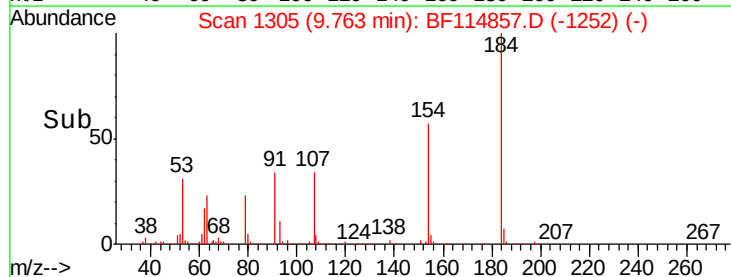
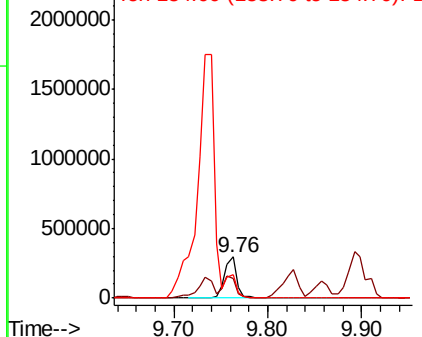


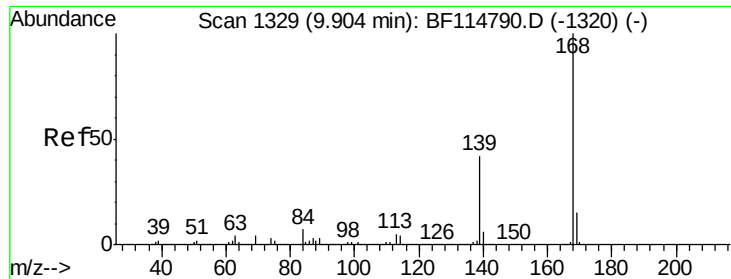
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.779 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMS

Tot Ion:168 Resp: 3153469

Ion Ratio Lower Upper

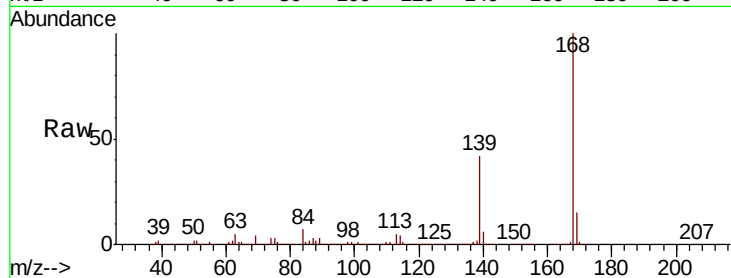
168 100

139 42.4 33.8 50.6

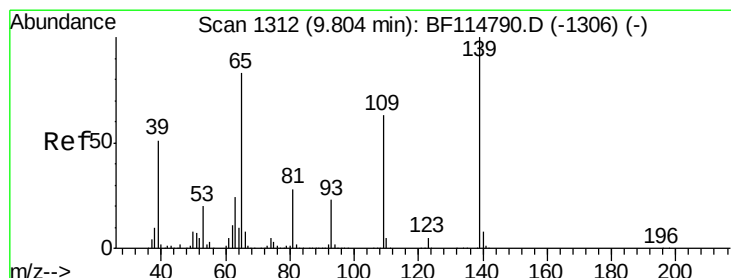
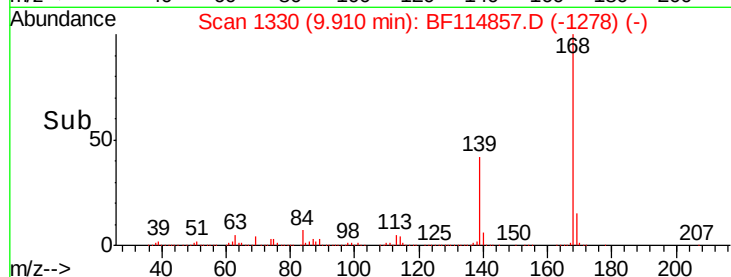
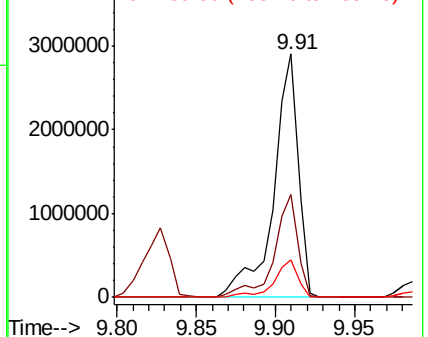
169 15.3 11.9 17.9

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 69.329 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.02 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

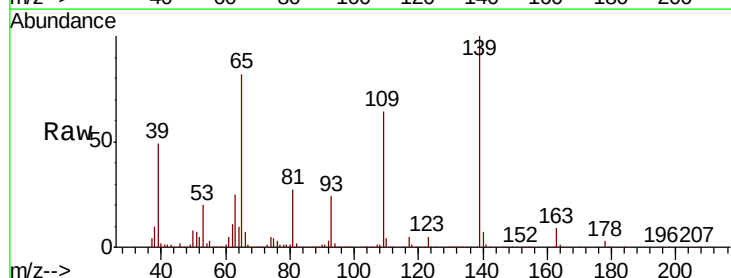
Tgt Ion:139 Resp: 947555

Ion Ratio Lower Upper

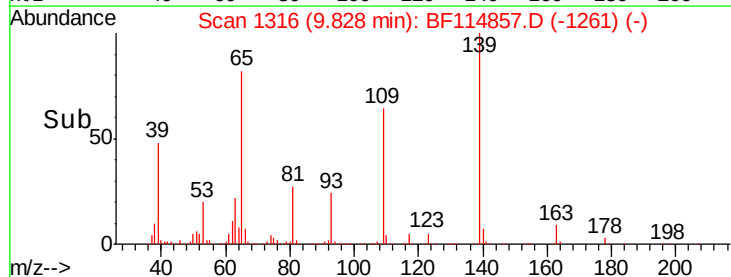
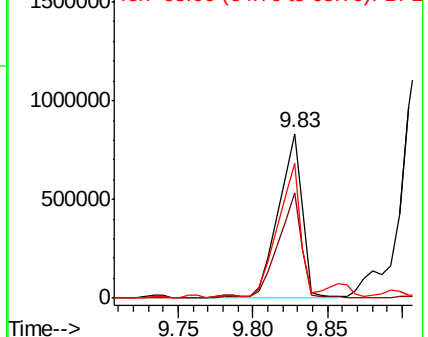
139 100

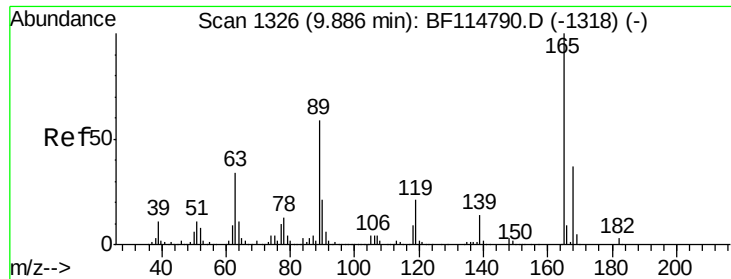
109 64.3 43.5 83.5

65 82.5 63.2 103.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





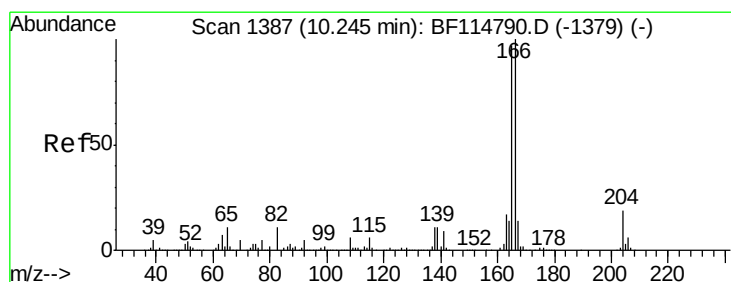
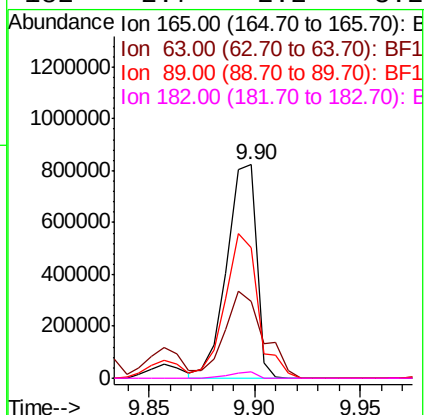
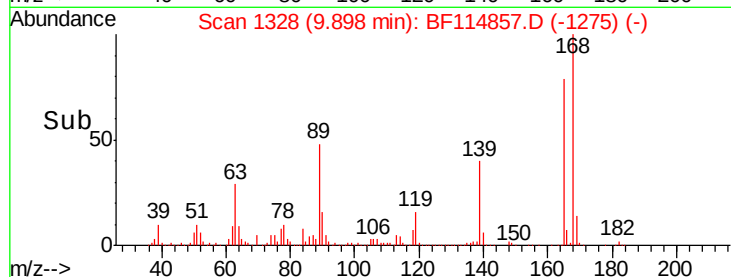
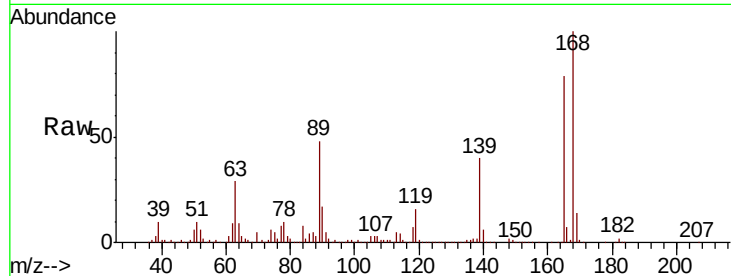
#57
2,4-Dinitrotoluene
Concen: 39.765 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		798151		
63	36.2	27.0	40.4		
89	60.9	47.0	70.6		
182	2.7	2.2	3.2		

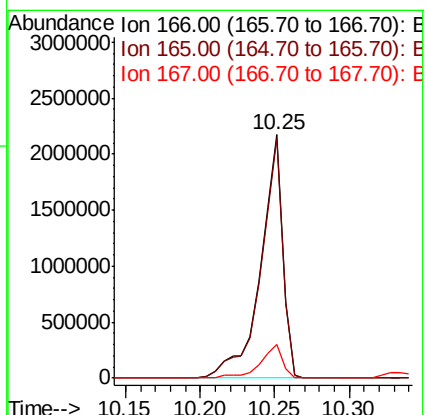
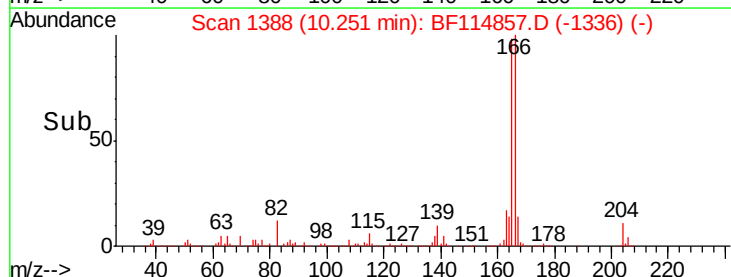
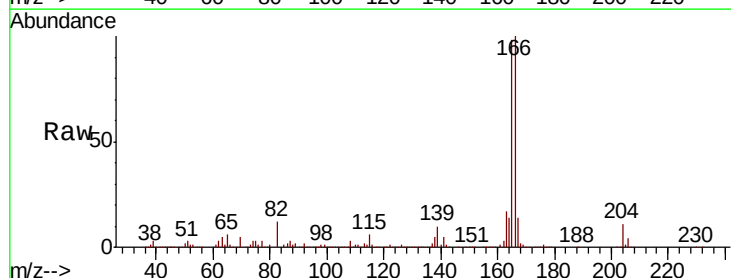
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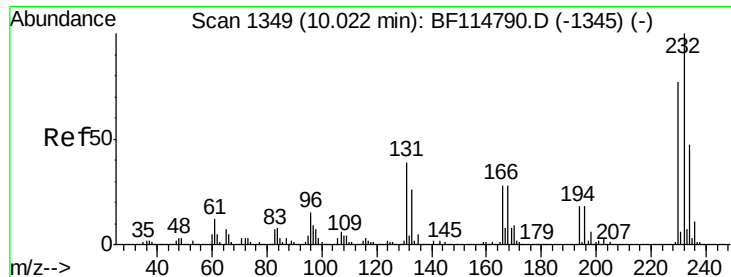
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#58
Fluorene
Concen: 44.477 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2209657		
165	98.3	77.9	116.9		
167	14.0	11.3	16.9		





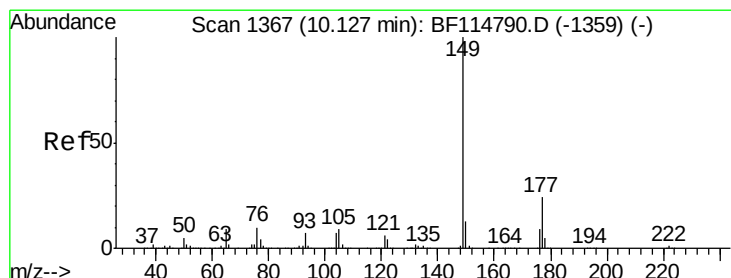
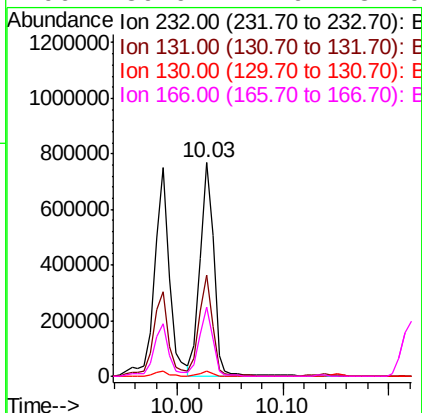
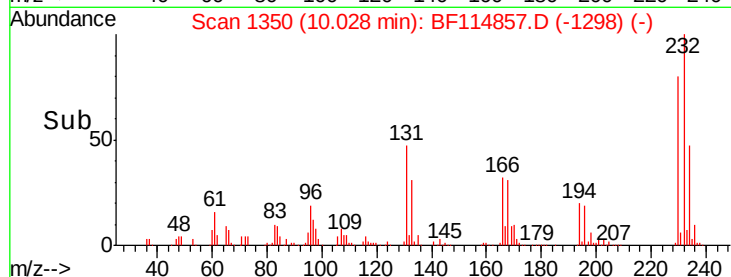
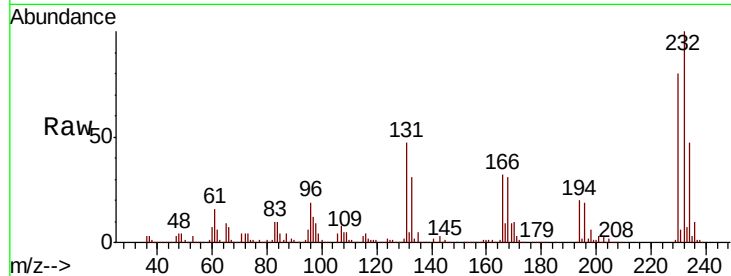
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.950 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	686631		
131	45.0		36.8	55.2
130	2.2		1.8	2.6
166	30.9		24.6	37.0

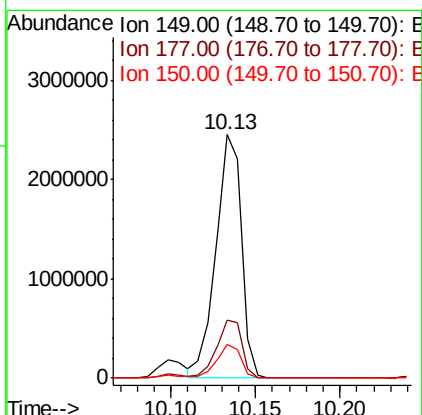
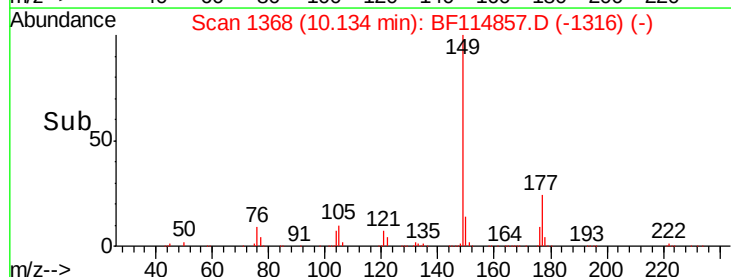
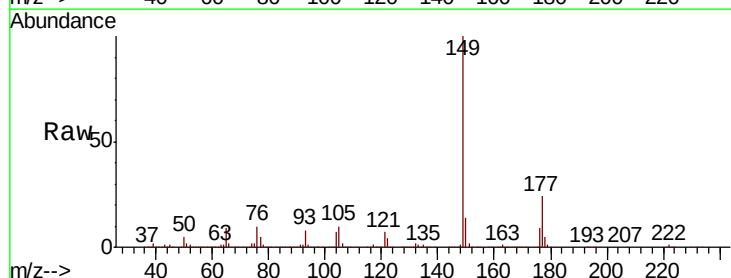
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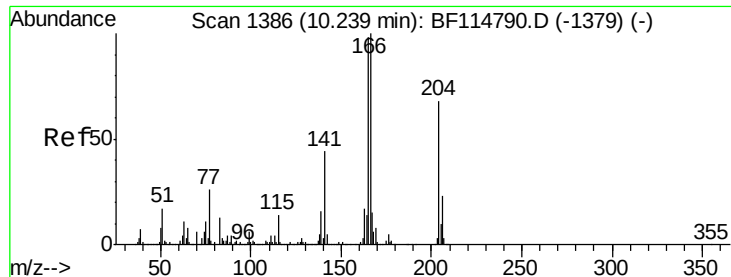
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#60
Diethylphthalate
Concen: 37.975 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2587061		
177	23.6		19.3	28.9
150	13.7		10.7	16.1





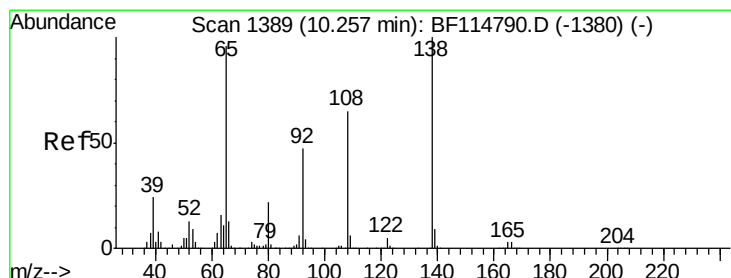
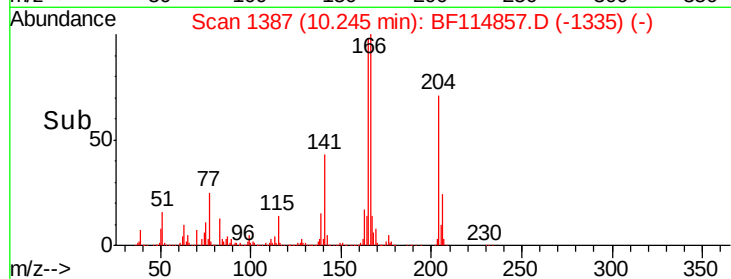
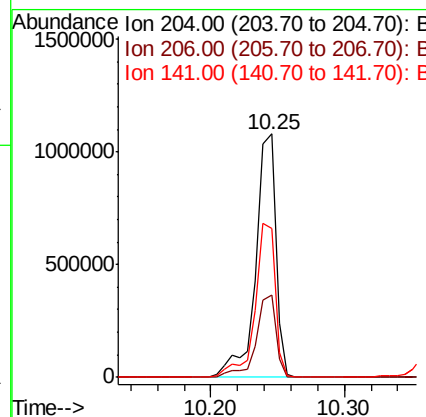
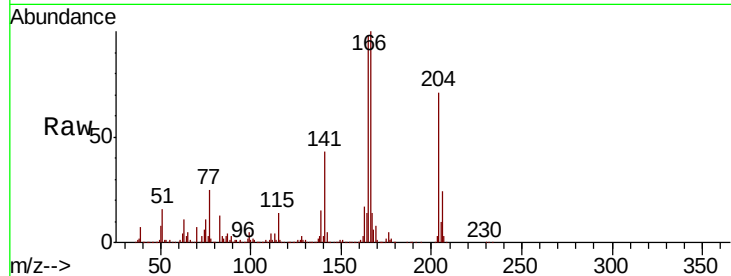
#61
4-Chlorophenyl-phenylether
Concen: 37.743 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.5	39.7
141	61.3	51.0	76.4

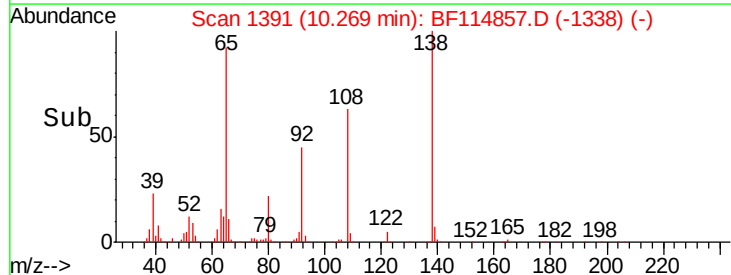
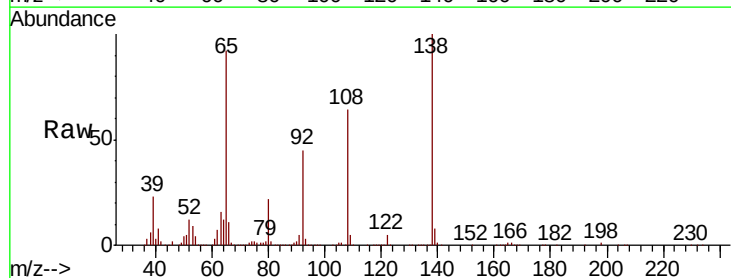
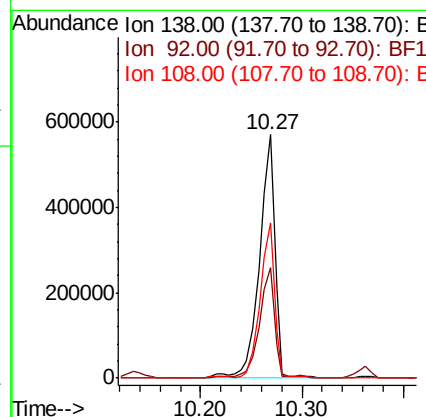
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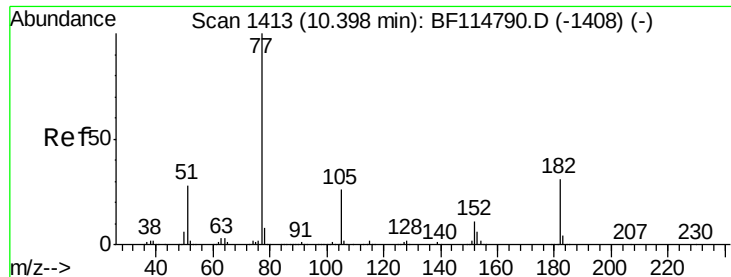
mohammad
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#62
4-Nitroaniline
Concen: 33.663 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.4	26.5	66.5
108	63.7	45.4	85.4





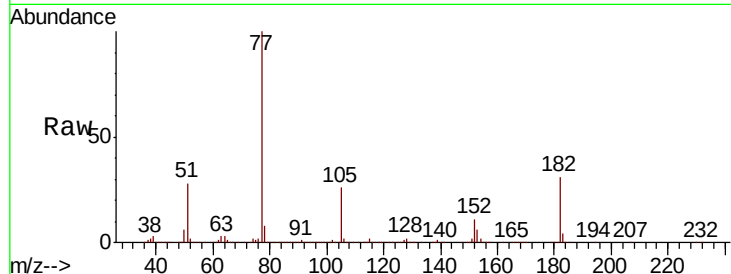
#63
Azobenzene
Concen: 40.075 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.5	11.2	51.2
105	25.9	5.7	45.7
51	27.6	8.0	48.0

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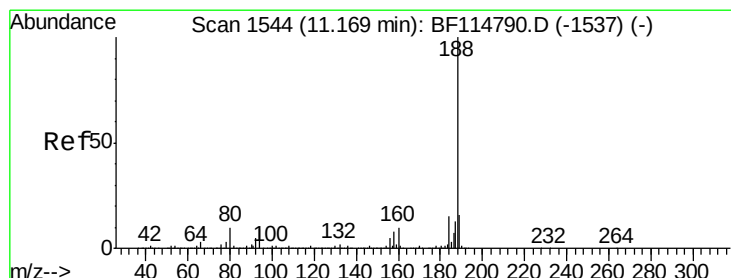
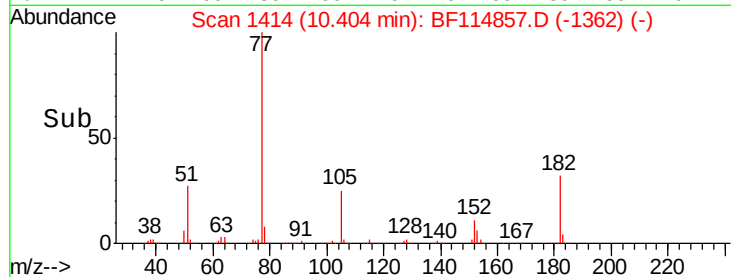
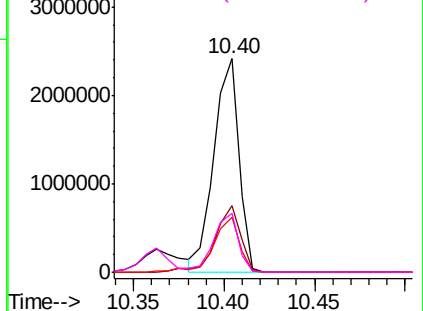
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

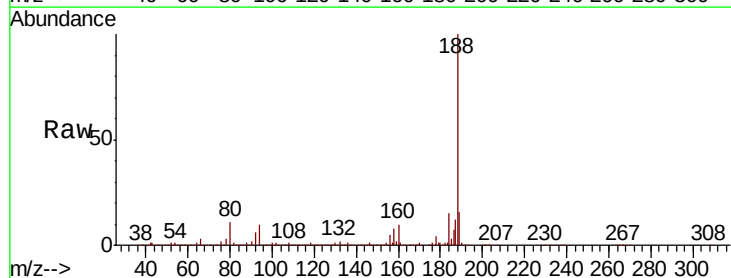
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.6	11.4
80	10.8	8.3	12.5

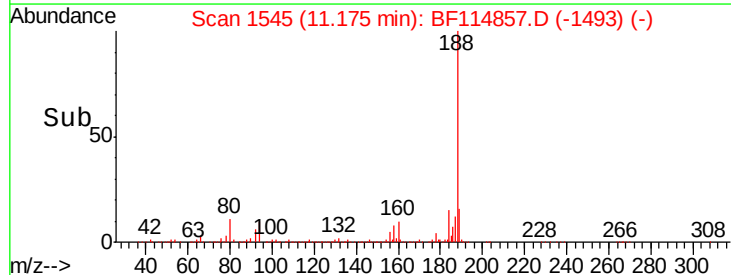
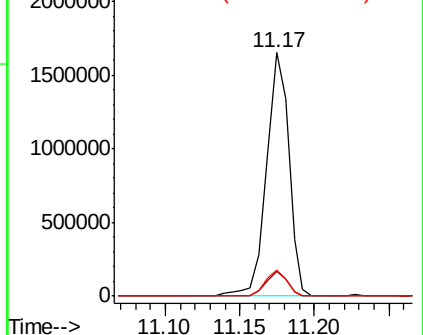


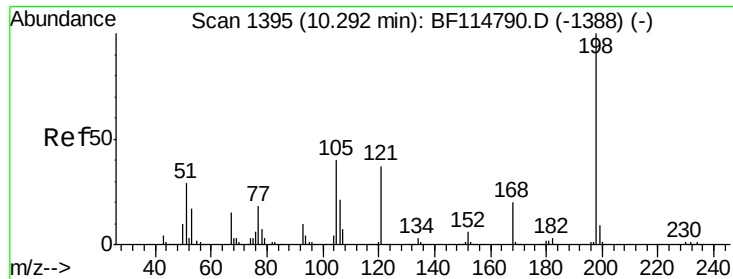
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 25.933 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

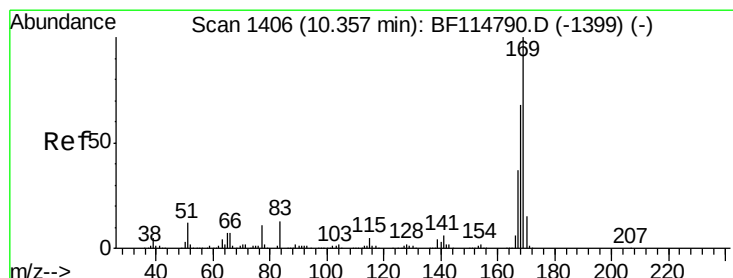
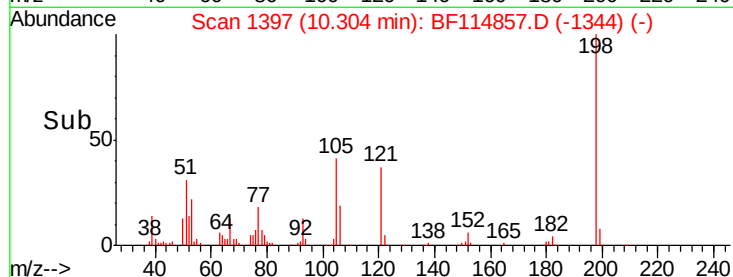
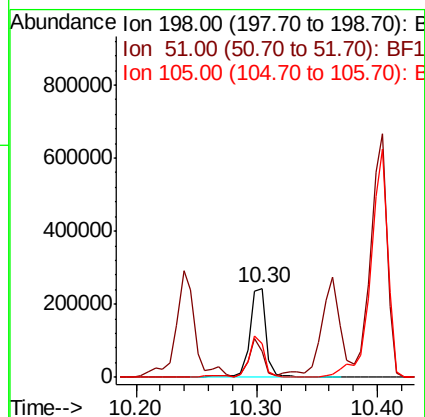
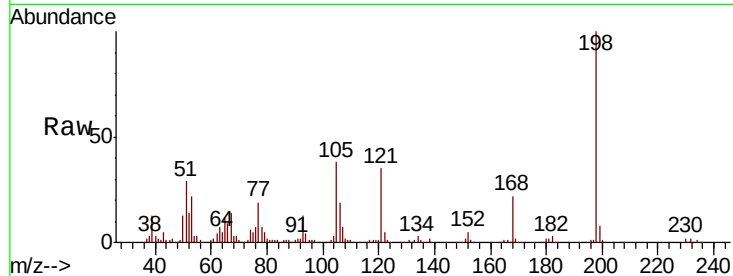
ClientSampleId :

IRONBOUND-TPMS

Tot Ion:	198	Resp:	230161
Ion Ratio	Lower	Upper	
198	100		
51	29.4	14.9	54.9
105	38.2	21.0	61.0

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#66

n-Nitrosodiphenylamine

Concen: 43.536 ng

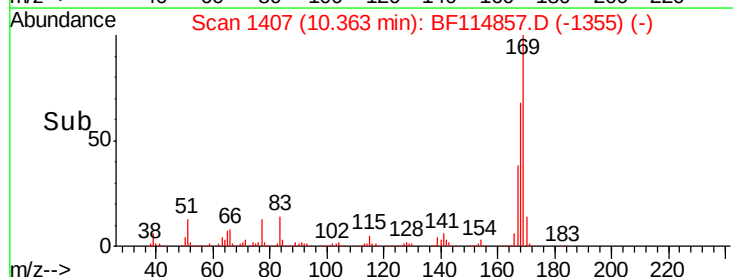
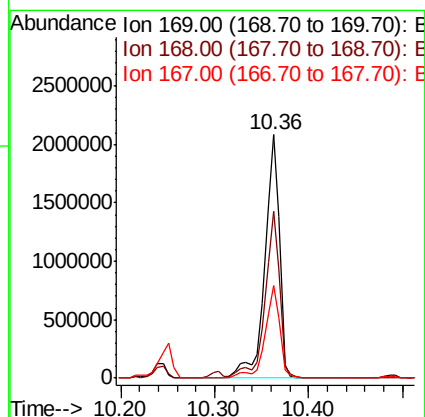
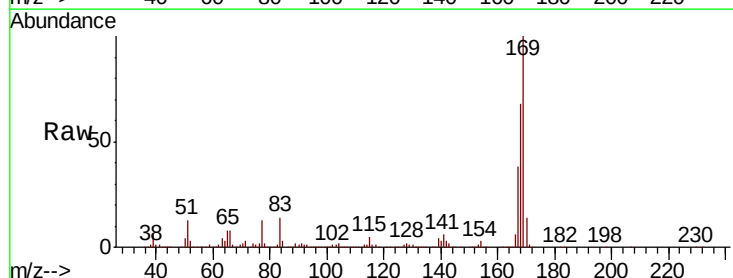
RT: 10.36 min Scan# 1407

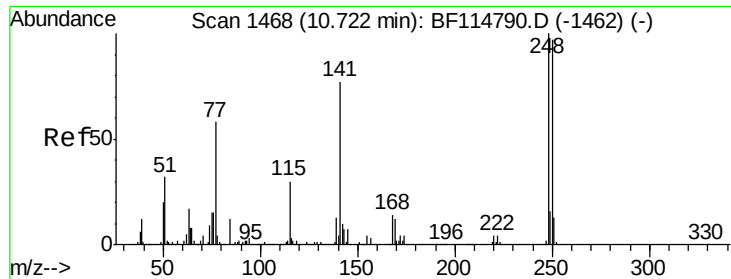
Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Tgt Ion:	169	Resp:	2249205
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.3	81.5
167	38.3	29.9	44.9





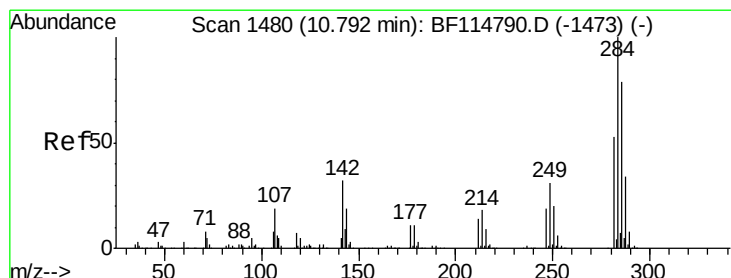
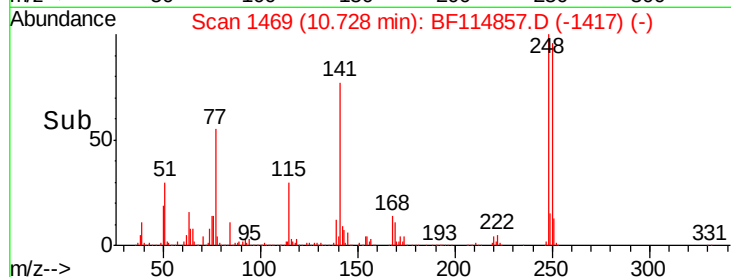
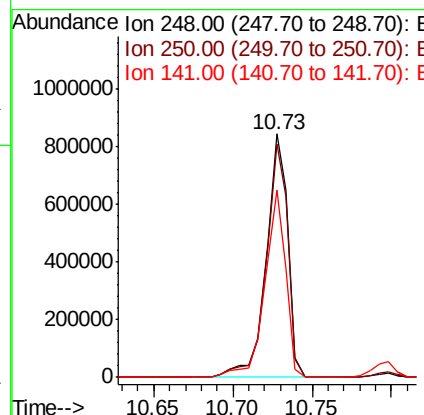
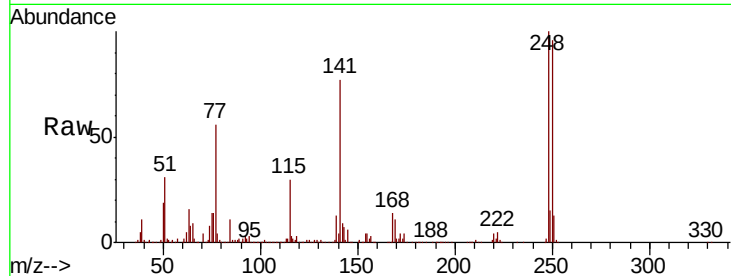
#67
4-Bromophenyl-phenylether
Concen: 41.662 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.5	116.3
141	76.7	61.8	92.8

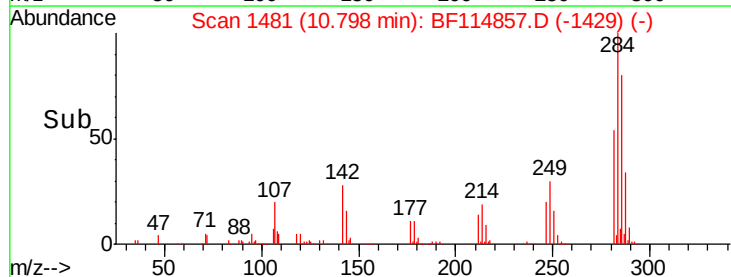
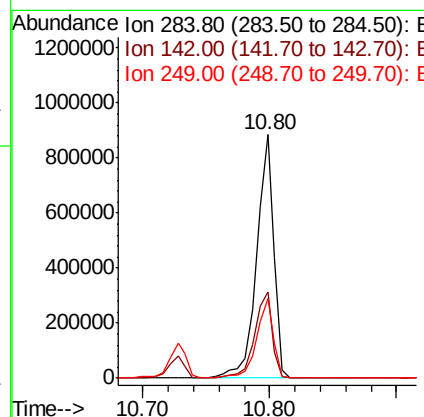
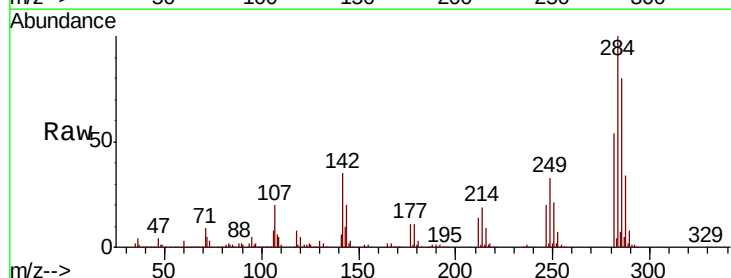
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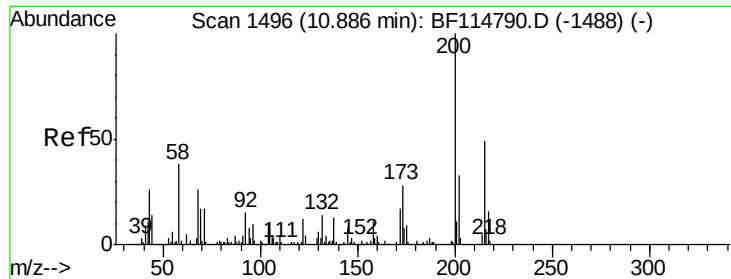
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#68
Hexachlorobenzene
Concen: 39.612 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	25.3	37.9
249	32.7	24.9	37.3





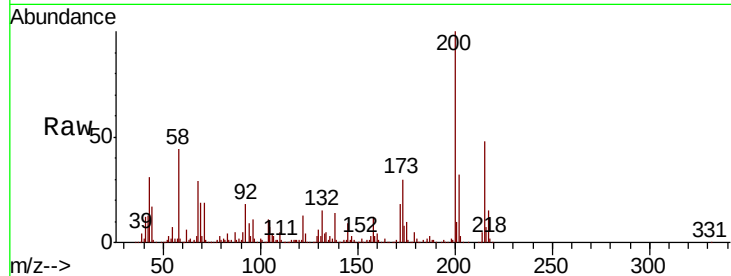
#69
Atrazine
Concen: 40.909 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.9	8.0	48.0
215	47.8	28.7	68.7

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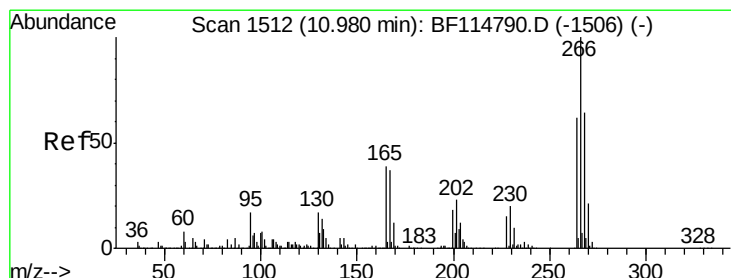
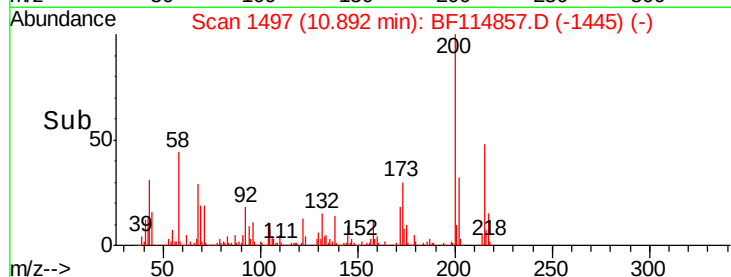
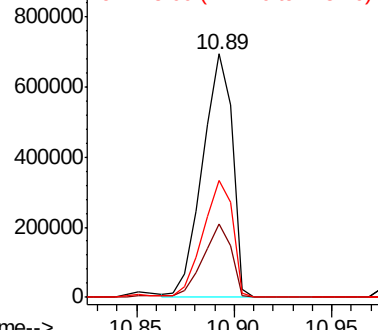


Abundance

Ion 200.00 (199.70 to 200.70): E

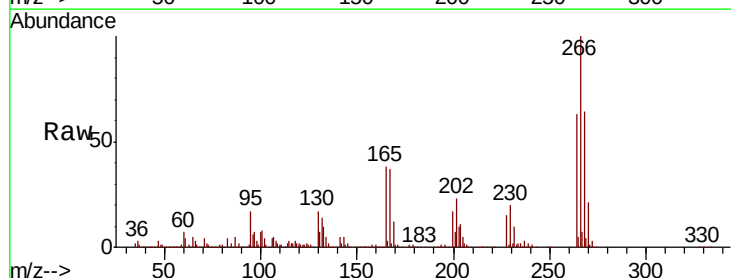
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 66.895 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	51.0	76.6
264	62.8	49.6	74.4

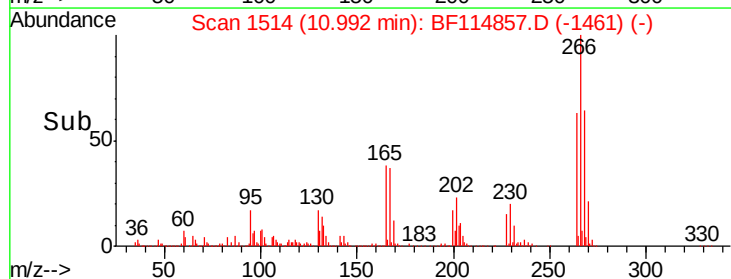
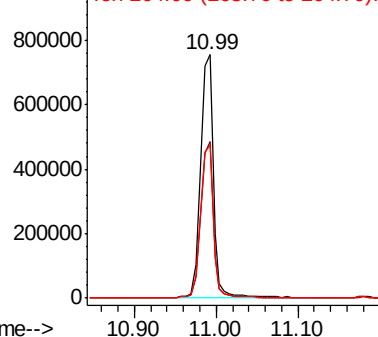


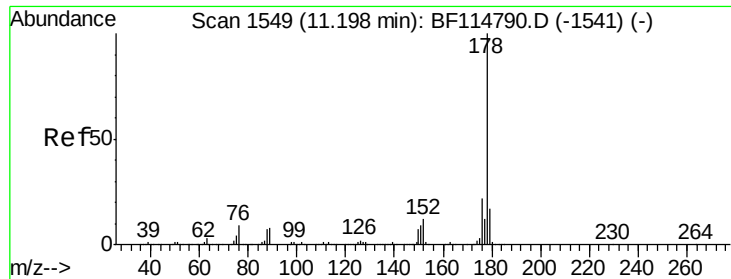
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.313 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMS

Tot Ion:178 Resp: 3451220

Ion Ratio Lower Upper

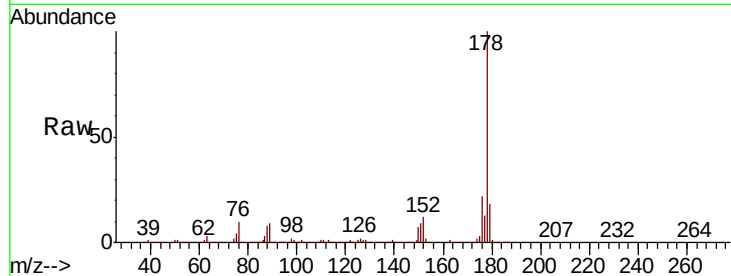
178 100

176 22.4 17.7 26.5

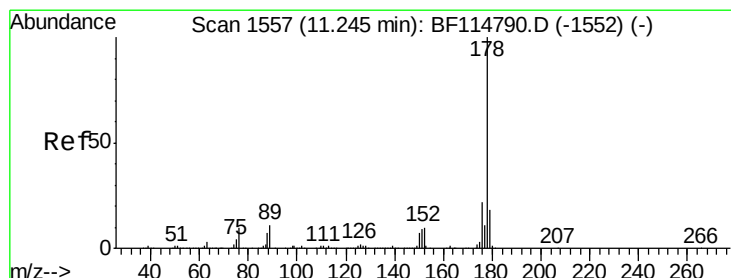
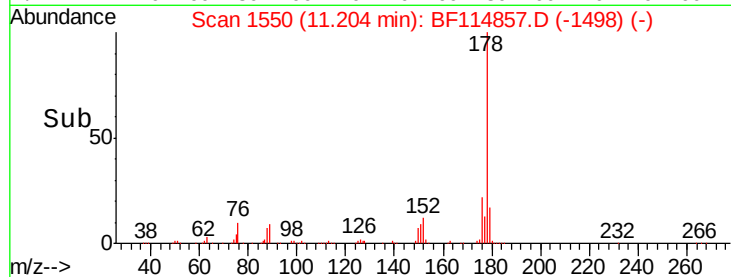
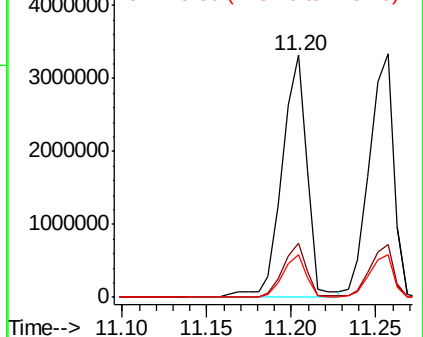
179 17.6 13.7 20.5

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.659 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

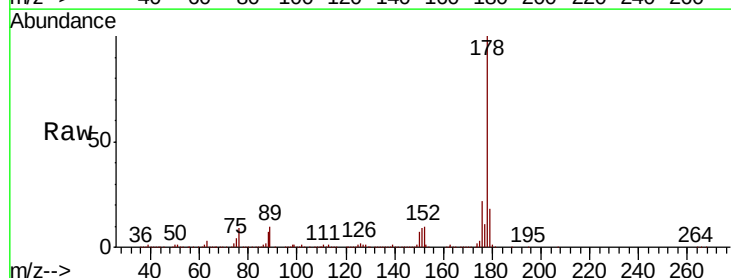
Tgt Ion:178 Resp: 3404222

Ion Ratio Lower Upper

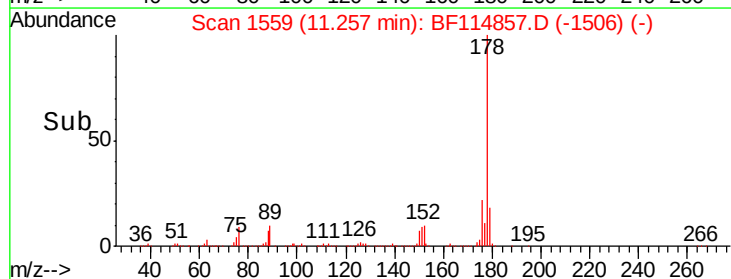
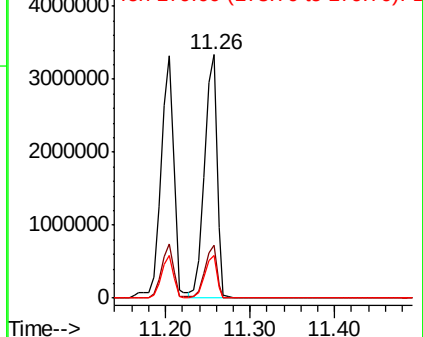
178 100

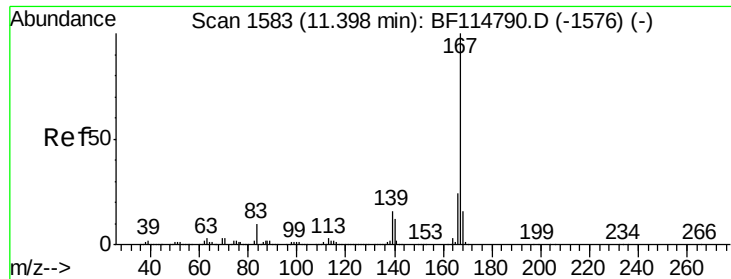
176 21.7 17.4 26.0

179 17.6 14.2 21.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





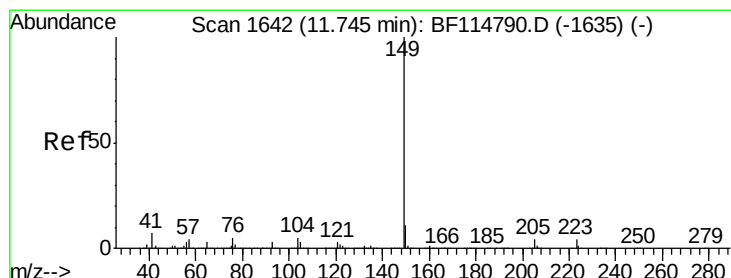
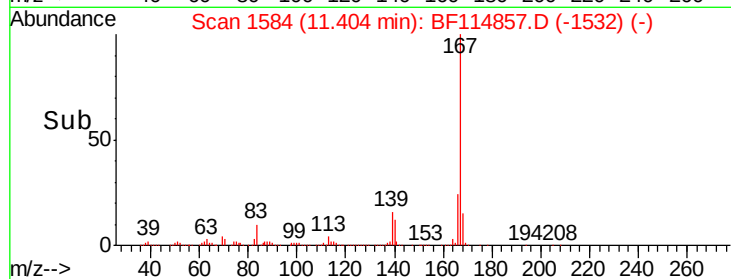
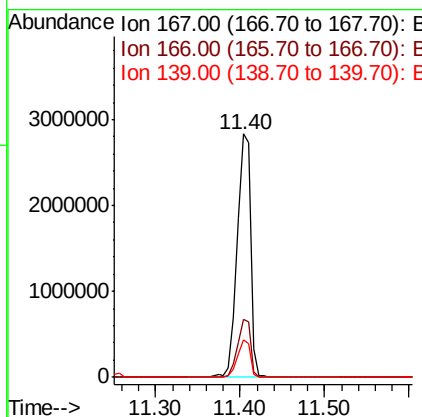
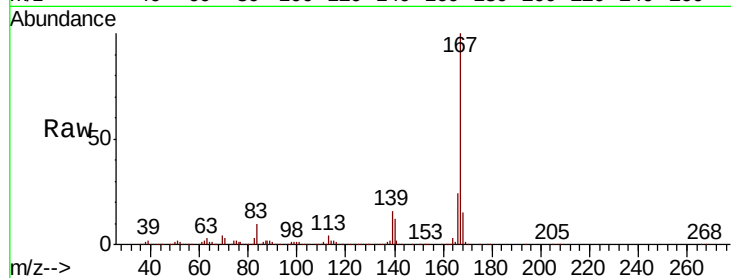
#73
 Carbazole
 Concen: 41.972 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.1	28.7
139	15.6	12.4	18.6

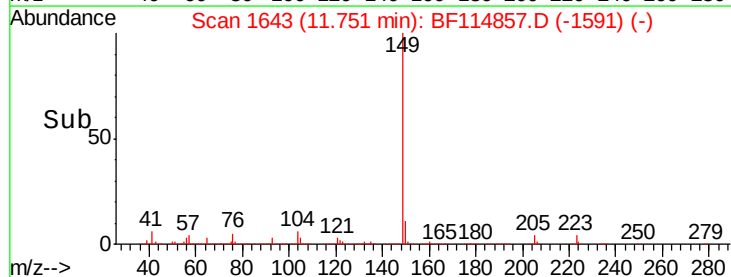
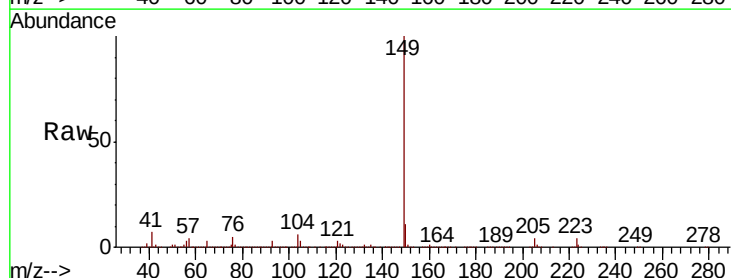
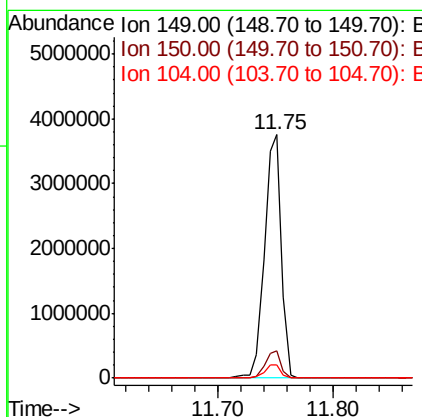
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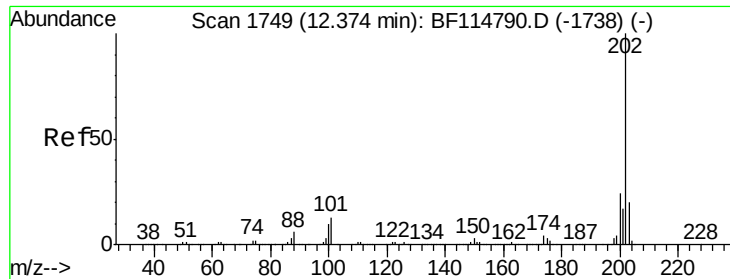
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#74
 Di-n-butylphthalate
 Concen: 39.731 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.3	8.9	13.3
104	5.5	4.3	6.5





#75

Fluoranthene

Concen: 39.885 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMS

Tot Ion:202 Resp: 3385966

Ion Ratio Lower Upper

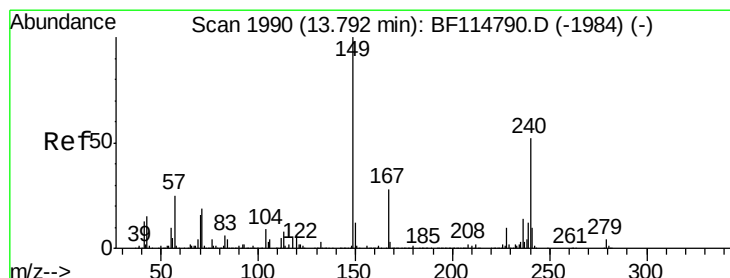
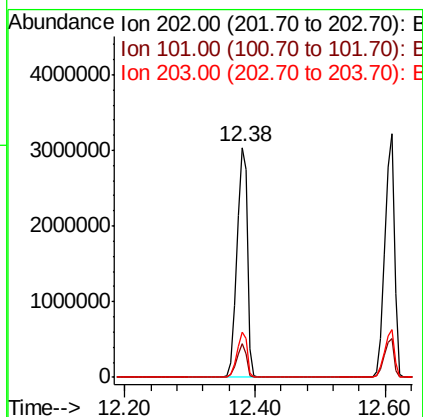
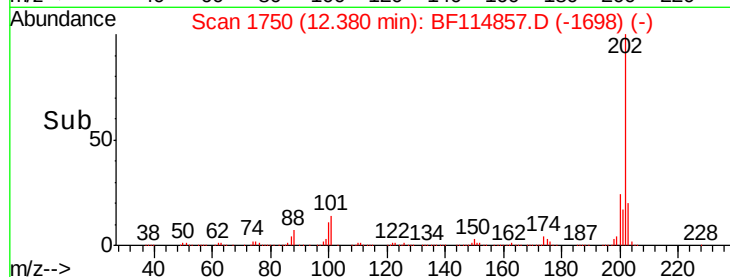
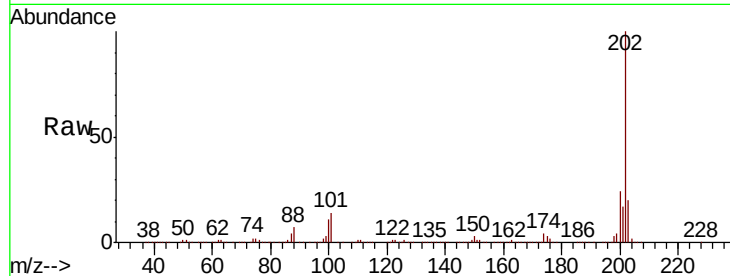
202 100

101 14.4 0.0 32.8

203 19.8 0.2 40.2

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

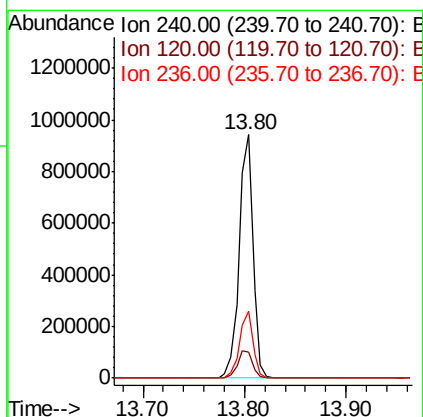
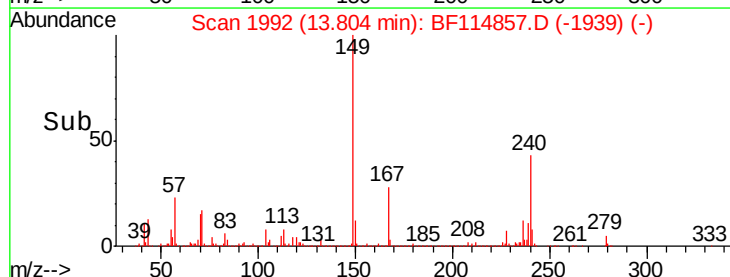
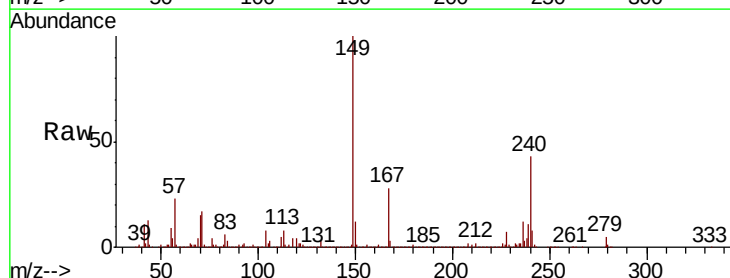
Tgt Ion:240 Resp: 892950

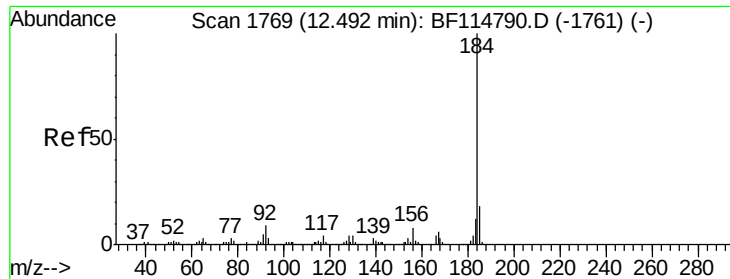
Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.4

236 27.3 21.4 32.0





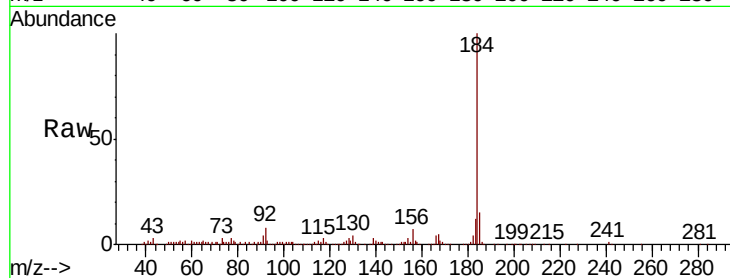
#77
Benzidine
Concen: 8.807 ng
RT: 12.50 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	14.9	14.1	21.1		
183	11.5	9.9	14.9		

Manual Integrations
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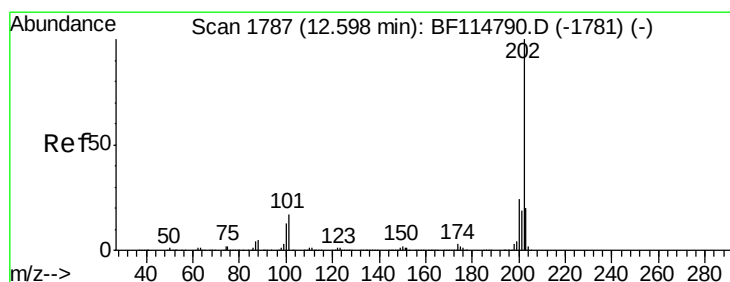
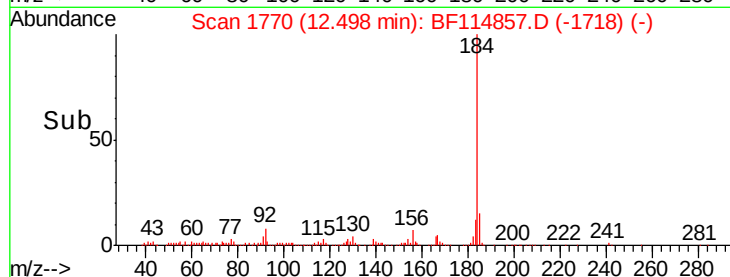
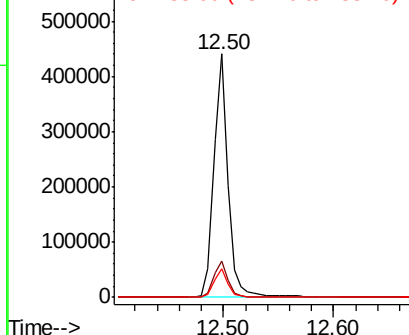


Abundance

Ion 184.00 (183.70 to 184.70): E

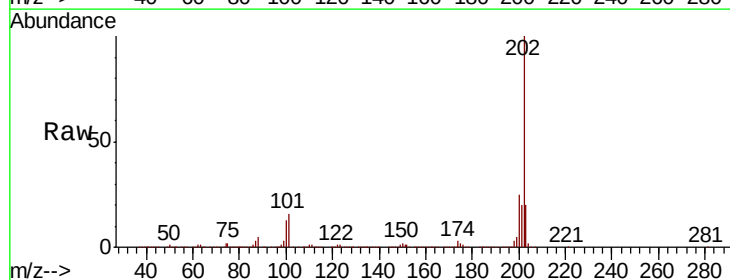
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 42.963 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	24.5	19.2	28.8		
203	19.7	15.9	23.9		

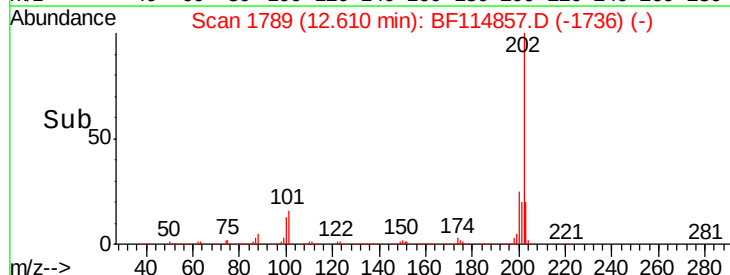
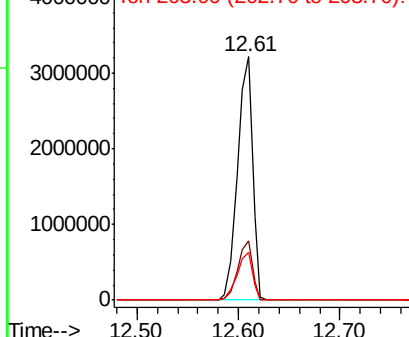


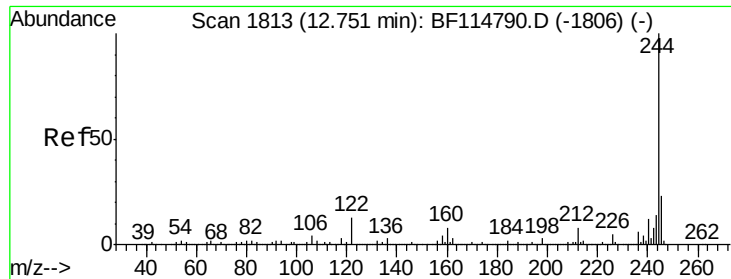
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





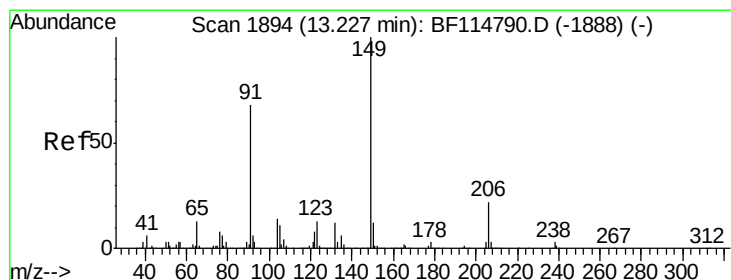
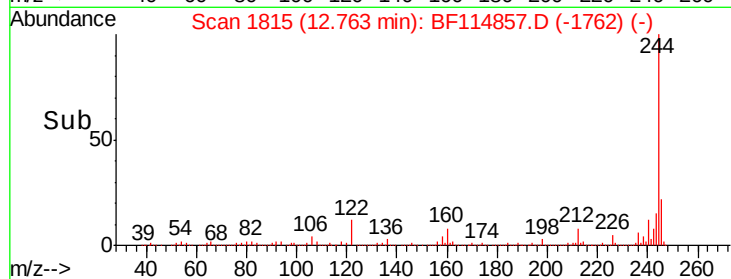
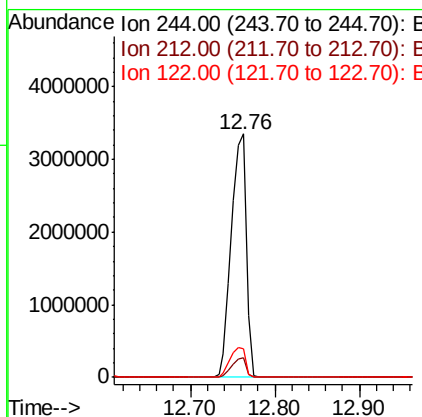
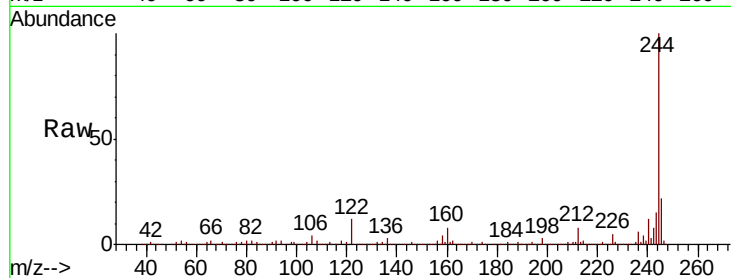
#79
Terphenyl-d14
Concen: 89.403 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion:244 Resp: 4105024
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 12.0 10.5 15.7

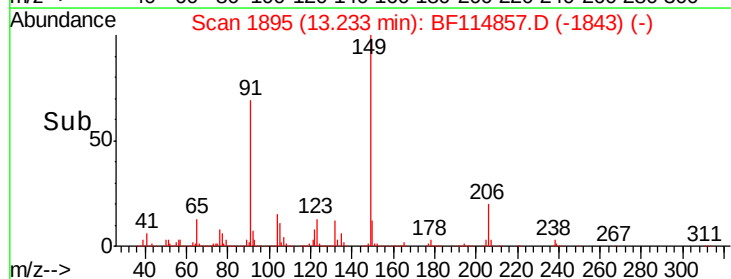
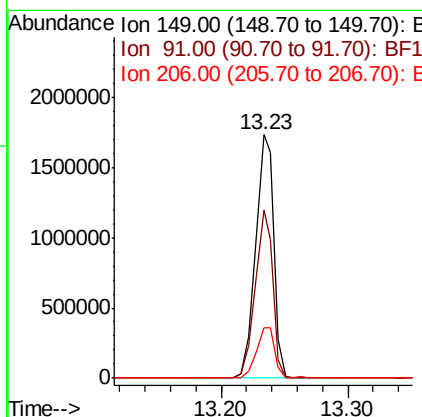
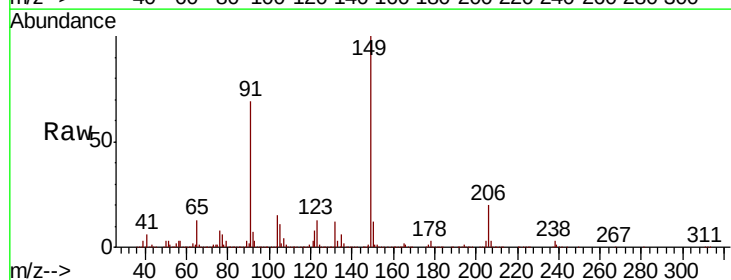
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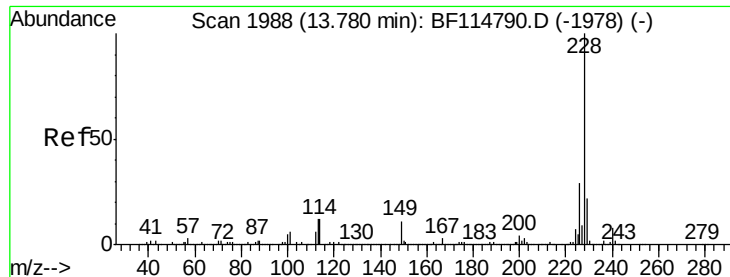
mohammad
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#80
Butylbenzylphthalate
Concen: 44.829 ng
RT: 13.23 min Scan# 1895
Delta R.T. 0.01 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion:149 Resp: 1753610
Ion Ratio Lower Upper
149 100
91 69.1 54.6 82.0
206 20.5 17.2 25.8





#81

Benzo(a)anthracene

Concen: 41.343 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMS

Tot Ion:228 Resp: 2844866

Ion Ratio Lower Upper

228 100

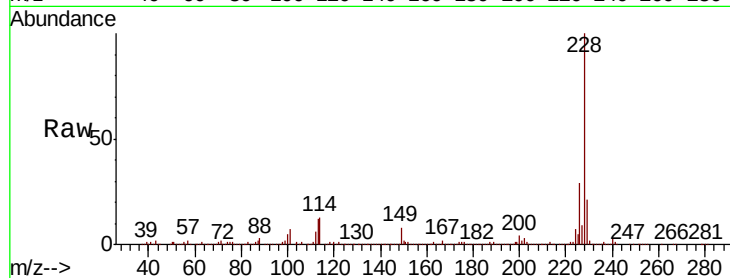
226 28.6 23.4 35.2

229 21.3 17.4 26.0

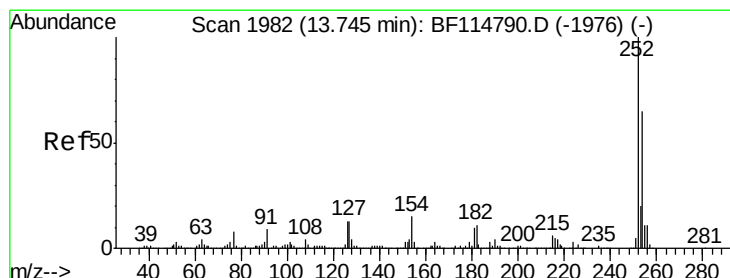
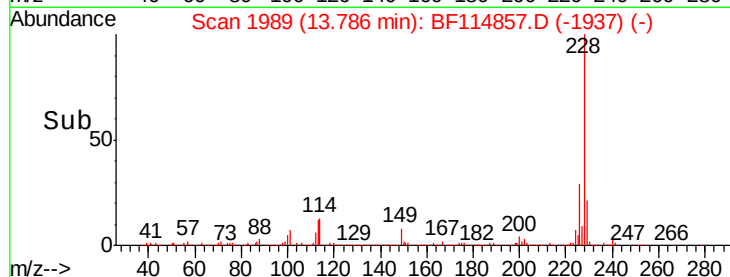
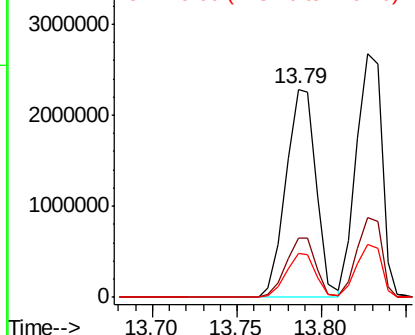
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 11.695 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Tgt Ion:252 Resp: 326325

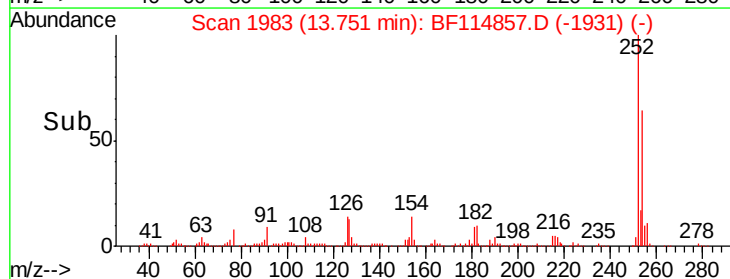
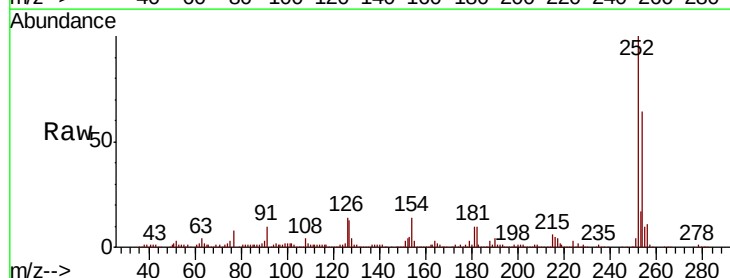
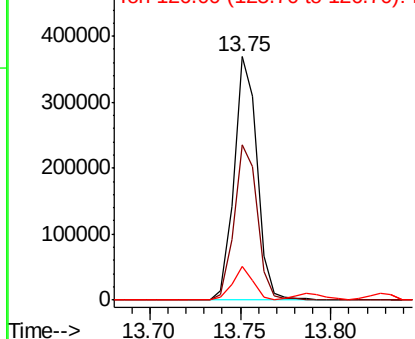
Ion Ratio Lower Upper

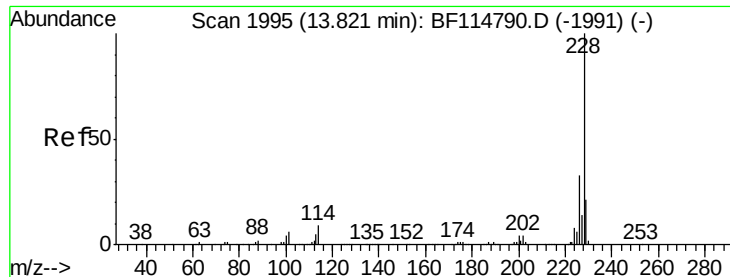
252 100

254 63.9 51.9 77.9

126 13.7 10.5 15.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





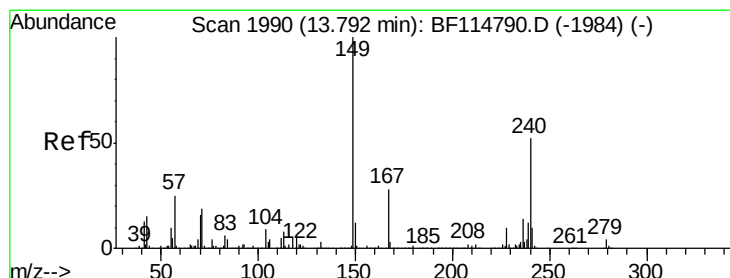
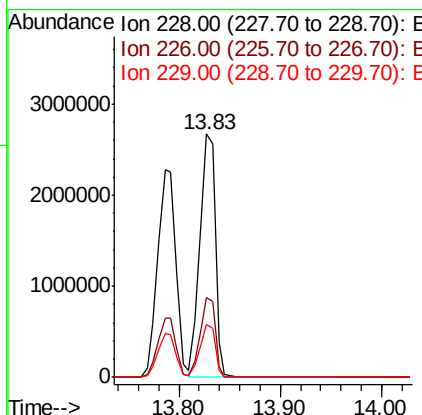
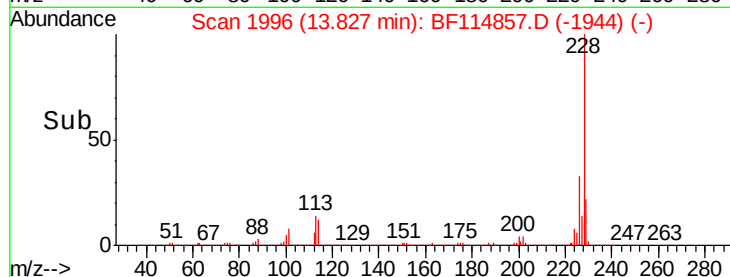
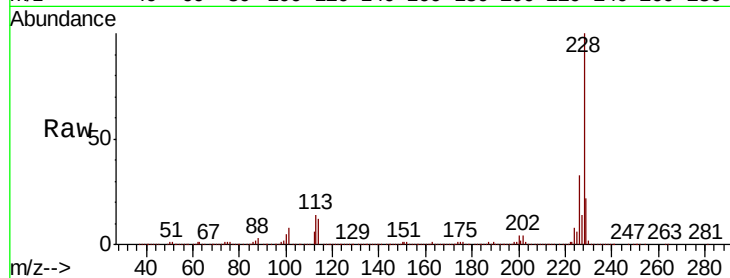
#83
 Chrvsene
 Concen: 42.468 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.0	39.0
229	21.6	17.1	25.7

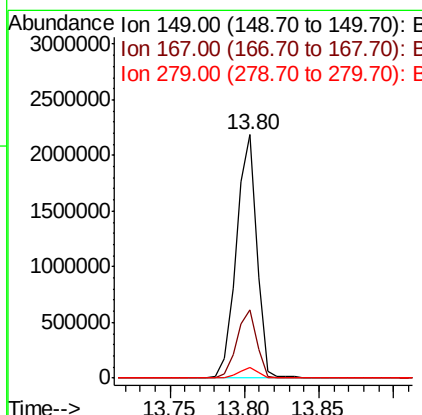
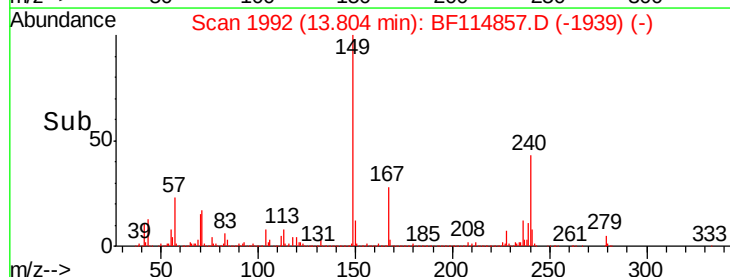
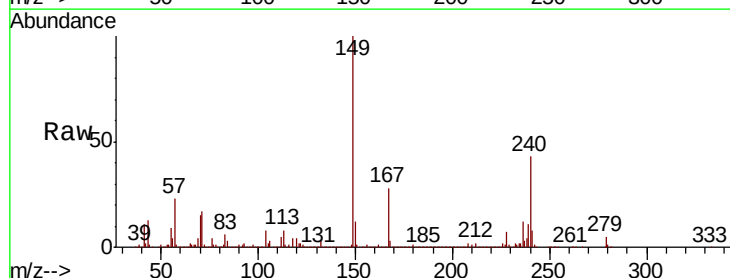
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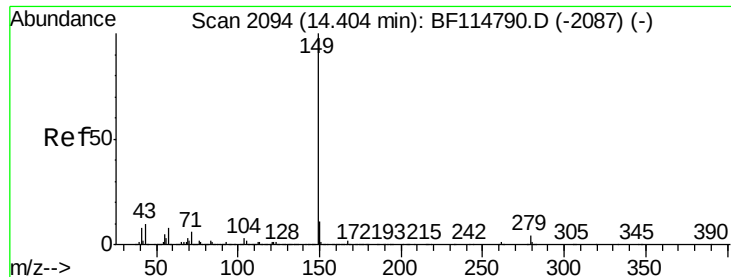
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.435 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. 0.01 min
 Lab File: BF114857.D
 Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.7	34.1
279	4.6	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 44.574 ng

RT: 14.42 min Scan# 2096

Delta R.T. 0.01 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMS

Tot Ion:149 Resp: 3746387

Ion Ratio Lower Upper

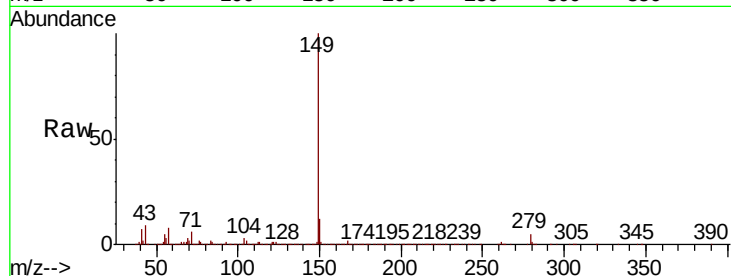
149 100

167 1.7 1.4 2.0

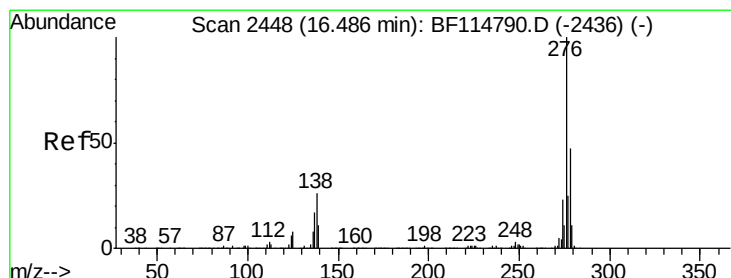
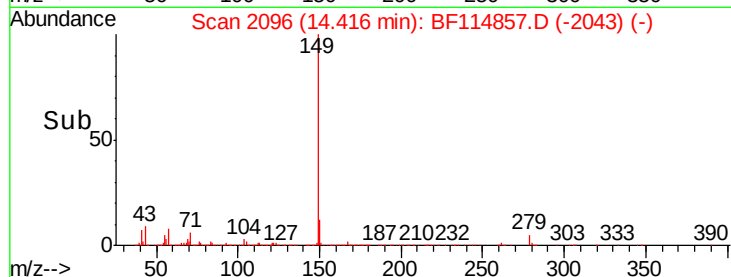
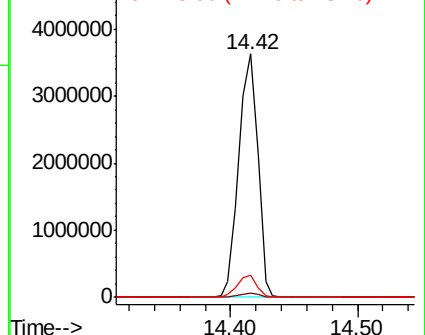
43 8.7 7.0 10.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.366 ng

RT: 16.51 min Scan# 2452

Delta R.T. 0.02 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

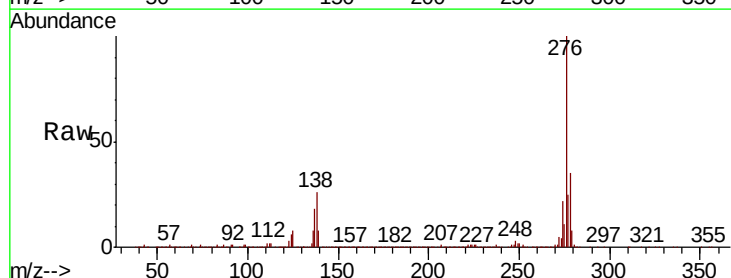
Tgt Ion:276 Resp: 2777546

Ion Ratio Lower Upper

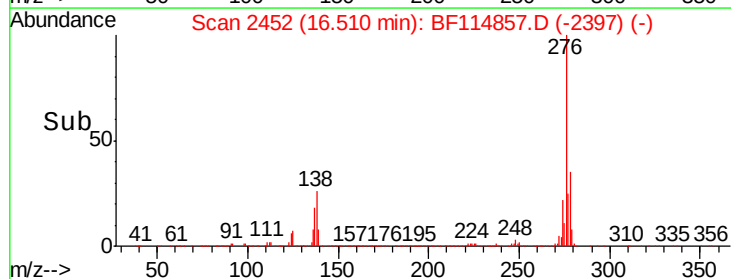
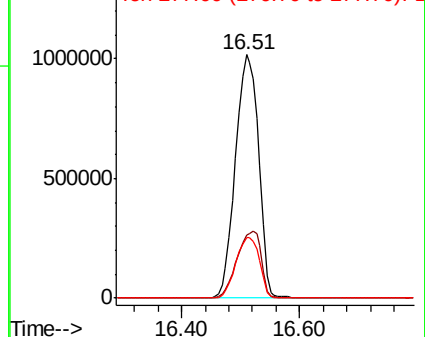
276 100

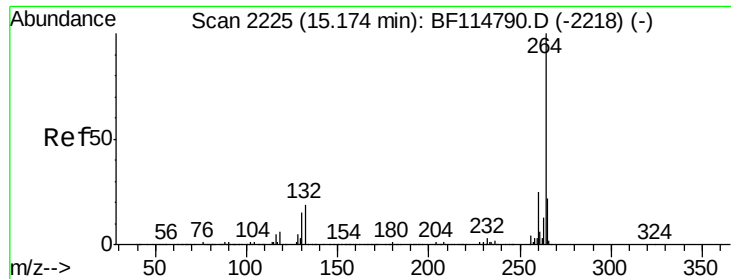
138 28.8 22.2 33.4

277 25.6 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.02 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMS

Tot Ion:264 Resp: 1102373

Ion Ratio Lower Upper

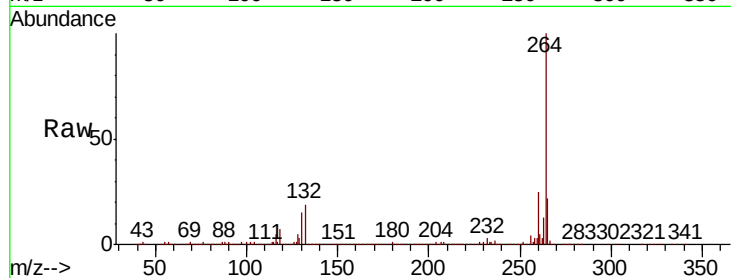
264 100

260 24.6 20.1 30.1

265 22.0 17.7 26.5

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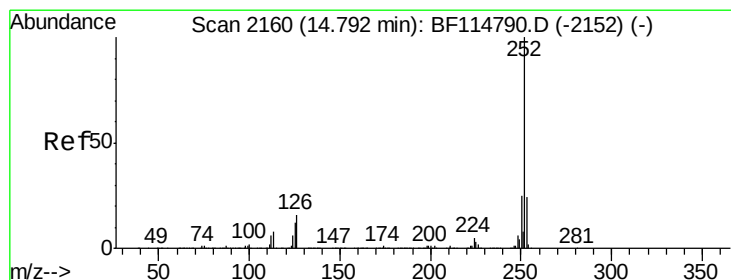
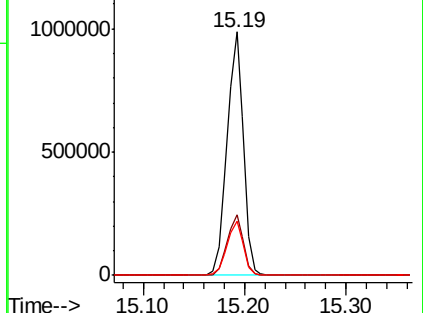
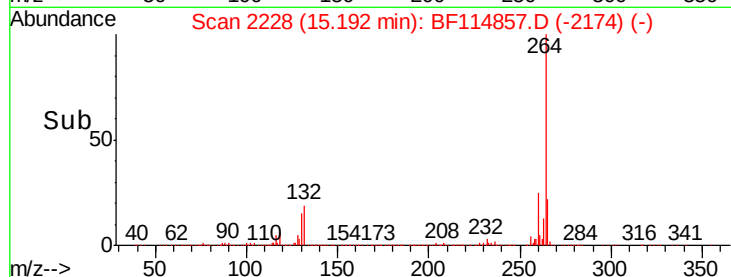
mohammad
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.450 ng

RT: 14.81 min Scan# 2163

Delta R.T. 0.02 min

Lab File: BF114857.D

Acq: 6 Jun 2019 12:36

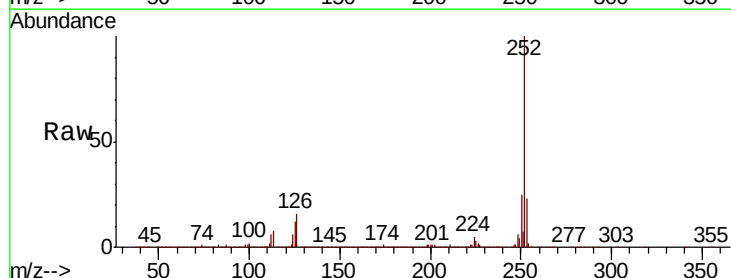
Tgt Ion:252 Resp: 2979075

Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.6

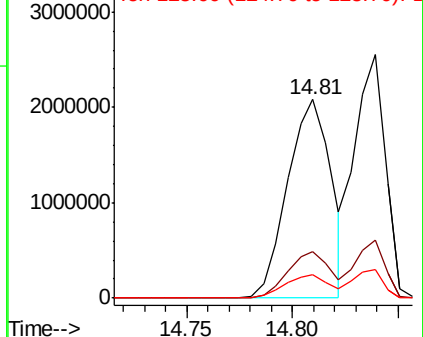
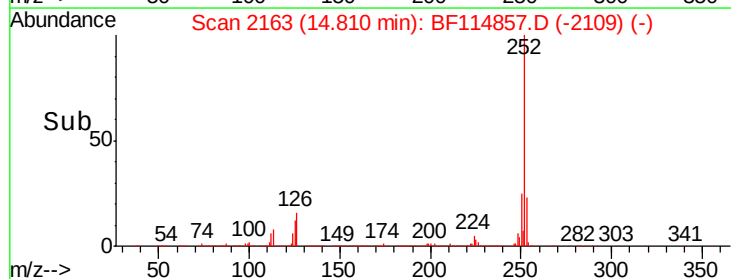
125 11.9 9.4 14.0

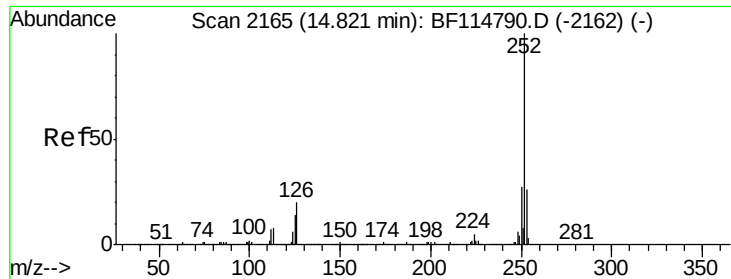


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





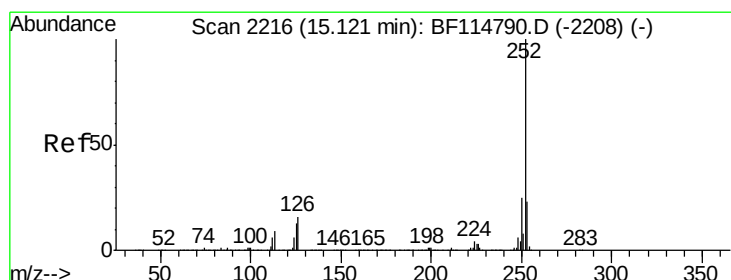
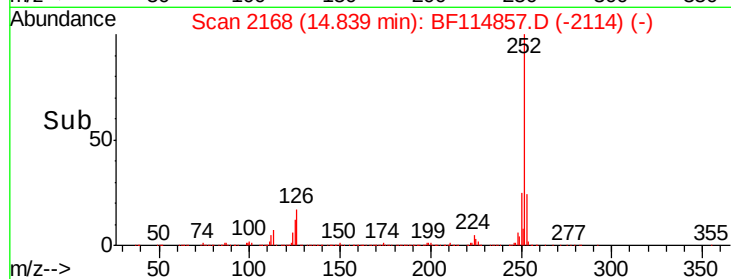
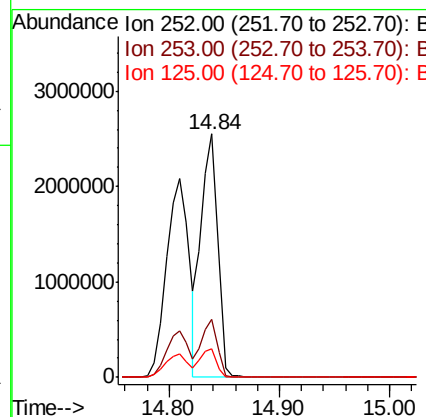
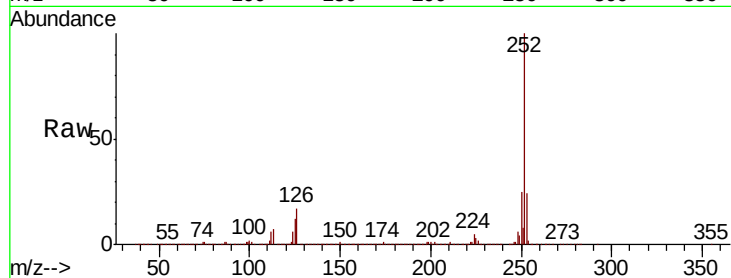
#89
Benzo(k)fluoranthene
Concen: 43.628 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.02 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Tot Ion:252 Resp: 2600073
Ion Ratio Lower Upper
252 100
253 23.7 19.3 28.9
125 11.6 10.1 15.1

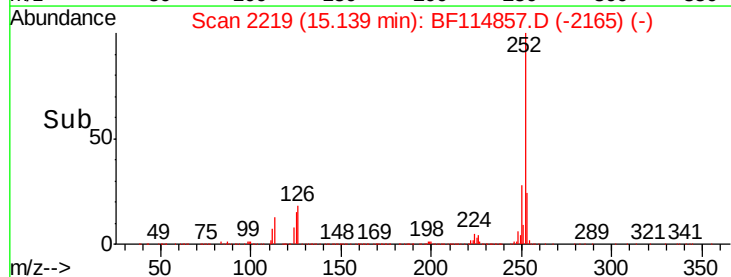
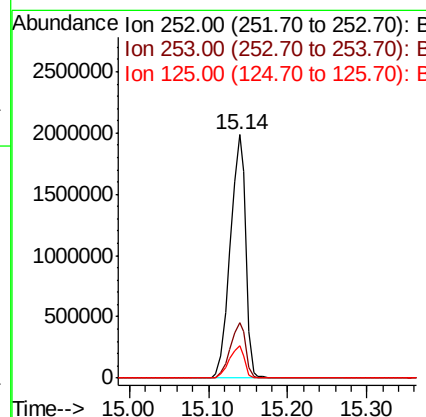
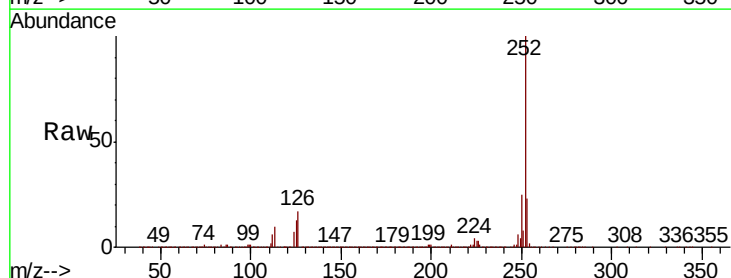
Manual Integrations
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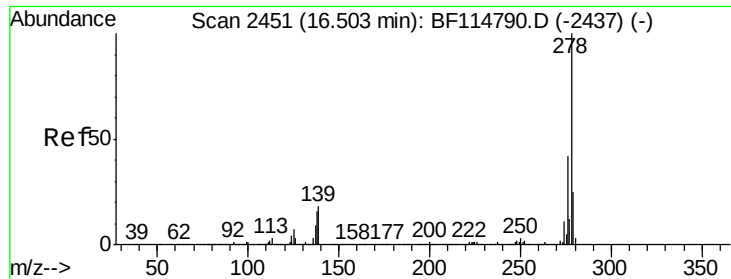
mohammad
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#90
Benzo(a)pyrene
Concen: 43.890 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion:252 Resp: 2665972
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 13.2 10.1 15.1





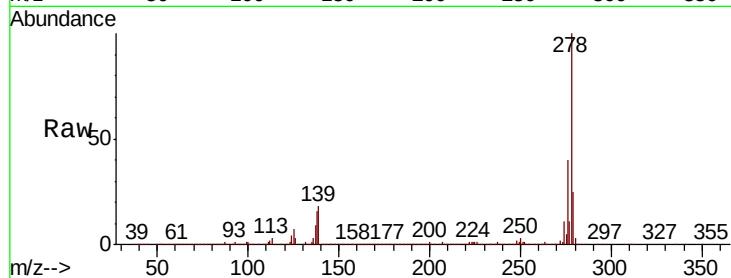
#91
Dibenzo(a,h)anthracene
Concen: 39.644 ng
RT: 16.53 min Scan# 2456
Delta R.T. 0.03 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

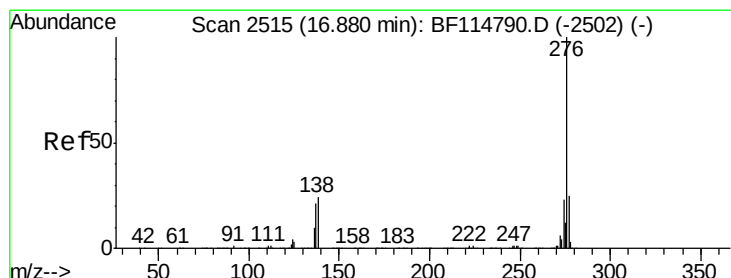
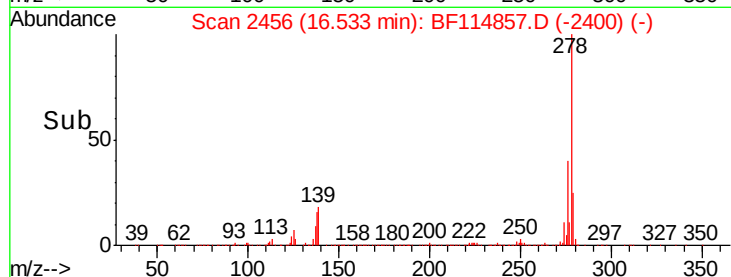
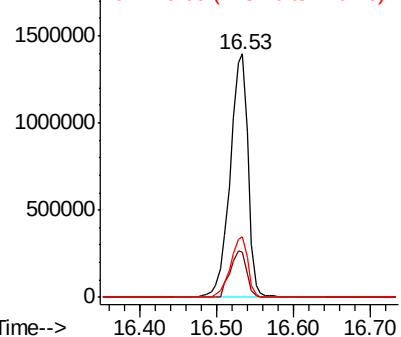
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.6	22.0
279	24.6	20.1	30.1

Manual Integrations
APPROVED

mohammad
6/7/2019 2:11:22 PM

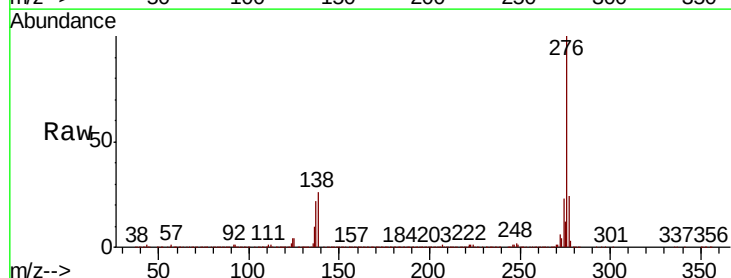


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.004 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.03 min
Lab File: BF114857.D
Acq: 6 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.6
138	26.4	19.4	29.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

