

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF114996.D
 Acq On : 13 Jun 2019 12:04
 Operator : HP/JU
 Sample : K3283-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MSD

Manual Integrations
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mohammad
 6/14/2019 8:47:13 AM

Quant Time: Jun 13 18:20:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	302779	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1154491	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	526634	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	853654	20.00	ng	0.00
76) Chrysene-d12	13.77	240	479295	20.00	ng	0.00
87) Perylene-d12	15.15	264	578118	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1938568	106.91	ng	0.01
7) Phenol-d6	6.30	99	2416214	110.46	ng	0.00
23) Nitrobenzene-d5	7.22	82	1508795	78.66	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	564904	100.17	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2479805	79.81	ng	0.00
79) Terphenyl-d14	12.73	244	1870297	73.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	248034	29.223	ng	98
3) Pyridine	3.04	79	476441	19.938	ng	99
4) n-Nitrosodimethylamine	2.96	42	277819	32.746	ng	98
6) Aniline	6.32	93	424849	14.503	ng	# 1
8) 2-Chlorophenol	6.44	128	708278	34.448	ng	99
9) Benzaldehyde	6.19	77	162807	7.590	ng	97
10) Phenol	6.32	94	793861	32.439	ng	# 77
11) bis(2-Chloroethyl)ether	6.39	93	649201	34.178	ng	100
12) 1,3-Dichlorobenzene	6.59	146	764011	31.813	ng	99
13) 1,4-Dichlorobenzene	6.67	146	773896	32.053	ng	99
14) 1,2-Dichlorobenzene	6.82	146	719208	31.640	ng	98
15) Benzyl Alcohol	6.80	79	546754	33.363	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.93	45	840481	33.061	ng	97
17) 2-Methylphenol	6.92	107	589109	34.351	ng	99
18) Hexachloroethane	7.16	117	260933	29.926	ng	99
19) n-Nitroso-di-n-propylamine	7.07	70	451208	33.952	ng	98
20) 3+4-Methylphenols	7.07	107	682791	33.452	ng	93
22) Acetophenone	7.06	105	969827	37.110	ng	# 96
24) Nitrobenzene	7.23	77	705567	36.156	ng	93
25) Isophorone	7.47	82	1293187	35.999	ng	99
26) 2-Nitrophenol	7.55	139	391790	36.019	ng	98
27) 2,4-Dimethylphenol	7.60	122	618213	39.398	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	815753	35.394	ng	100
29) 2,4-Dichlorophenol	7.80	162	601106	36.262	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	660231	34.470	ng	99
31) Naphthalene	7.96	128	1955164	35.793	ng	99
32) Benzoic acid	7.70	122	121244	10.679	ng	97
33) 4-Chloroaniline	8.00	127	268656	10.655	ng	96
34) Hexachlorobutadiene	8.08	225	349590	32.836	ng	99
35) Caprolactam	8.37	113	176325m	31.937	ng	
36) 4-Chloro-3-methylphenol	8.50	107	604321	36.176	ng	99
37) 2-Methylnaphthalene	8.65	142	1308800	35.924	ng	99
38) 1-Methylnaphthalene	8.74	142	1229436	35.704	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	575773	37.006	ng	99

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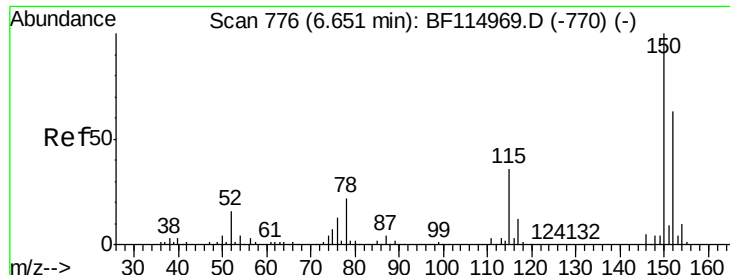
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Quant Time: Jun 13 18:20:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	276802	36.104	nq	99
43) 2,4,6-Trichlorophenol	8.93	196	416849	35.871	nq	99
44) 2,4,5-Trichlorophenol	8.97	196	431316	36.726	nq	99
46) 1,1'-Biphenyl	9.11	154	1518727	35.987	nq	99
47) 2-Chloronaphthalene	9.13	162	1194007	34.988	nq	99
48) 2-Nitroaniline	9.22	65	346449	34.347	nq	96
49) Acenaphthylene	9.54	152	1832788	34.930	nq	99
50) Dimethylphthalate	9.42	163	1705695	43.068	nq	99
51) 2,6-Dinitrotoluene	9.47	165	330373	36.774	nq	91
52) Acenaphthene	9.72	154	1051506	35.028	nq	99
53) 3-Nitroaniline	9.63	138	247017	22.441	nq	95
54) 2,4-Dinitrophenol	9.74	184	85409	19.600	nq	97
55) Dibenzofuran	9.89	168	1556437	34.402	nq	97
56) 4-Nitrophenol	9.81	139	473238	62.346	nq	92
57) 2,4-Dinitrotoluene	9.87	165	404002	35.331	nq	96
58) Fluorene	10.23	166	1083266	33.948	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.00	232	322516	33.998	nq	100
60) Diethylphthalate	10.11	149	1359245	35.893	nq	100
61) 4-Chlorophenyl-phenylether	10.22	204	544576	34.696	nq	96
62) 4-Nitroaniline	10.24	138	303700	27.442	nq	99
63) Azobenzene	10.38	77	1129946	34.107	nq	97
65) 4,6-Dinitro-2-methylphenol	10.27	198	87100	18.204	nq	99
66) n-Nitrosodiphenylamine	10.34	169	1056014	41.384	nq	99
67) 4-Bromophenyl-phenylether	10.70	248	347317	37.893	nq	96
68) Hexachlorobenzene	10.77	284	358978	35.574	nq	92
69) Atrazine	10.87	200	326534	39.690	nq	98
70) Pentachlorophenol	10.97	266	344708	62.902	nq	99
71) Phenanthrene	11.18	178	1557089	35.328	nq	98
72) Anthracene	11.23	178	1550114	34.862	nq	100
73) Carbazole	11.38	167	1367370	35.232	nq	98
74) Di-n-butylphthalate	11.73	149	1727811	35.314	nq	99
75) Fluoranthene	12.36	202	1432717	31.789	nq	99
77) Benzidine	12.47	184	201889	10.414	nq	97
78) Pyrene	12.58	202	1421495	32.556	nq	98
80) Butylbenzylphthalate	13.21	149	608734	29.849	nq	97
81) Benzo(a)anthracene	13.76	228	1222326	34.080	nq	100
82) 3,3'-Dichlorobenzidine	13.73	252	415507	30.217	nq	# 98
83) Chrysene	13.80	228	1229258	34.466	nq	98
84) Bis(2-ethylhexyl)phthalate	13.77	149	854829	35.465	nq	99
85) Di-n-octyl phthalate	14.38	149	1444404	34.799	nq	99
86) Indeno(1,2,3-cd)pyrene	16.45	276	1125653	35.929	nq	99
88) Benzo(b)fluoranthene	14.77	252	1301308	33.861	nq	99
89) Benzo(k)fluoranthene	14.80	252	1241278	36.798	nq	99
90) Benzo(a)pyrene	15.10	252	1207620	36.416	nq	99
91) Dibenzo(a,h)anthracene	16.47	278	948005	33.195	nq	98
92) Benzo(g,h,i)perylene	16.84	276	897469	30.814	nq	98

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



#1

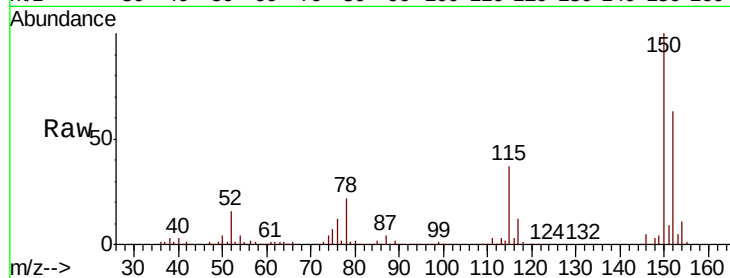
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.4	191.0
115	58.6	46.0	69.0

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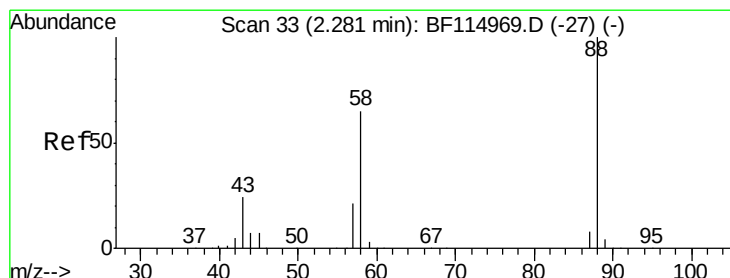
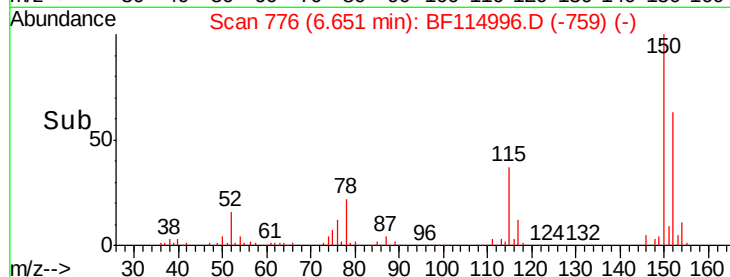
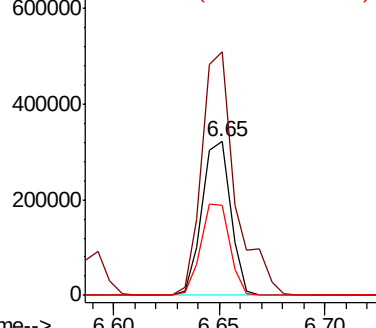


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

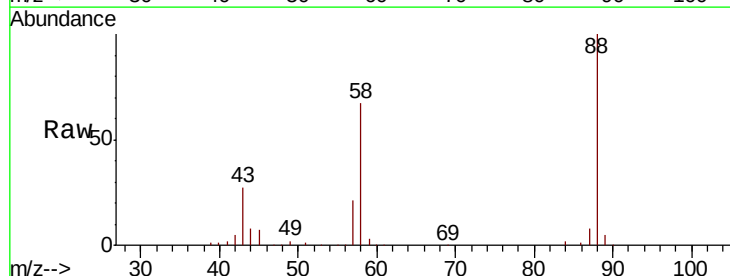
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.223 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.06 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.0	53.4	80.2
43	24.7	19.7	29.5

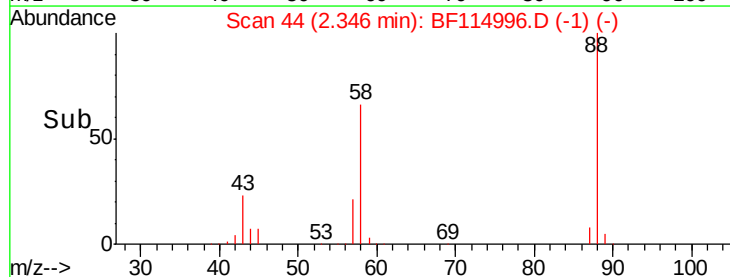
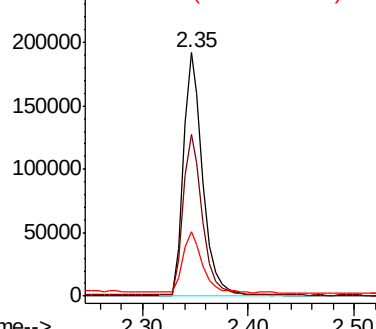


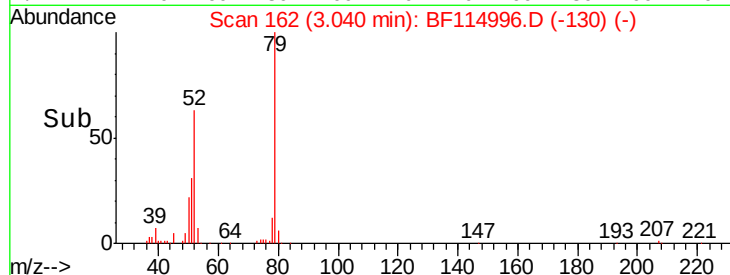
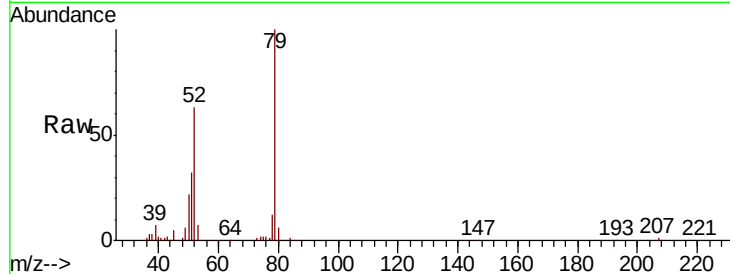
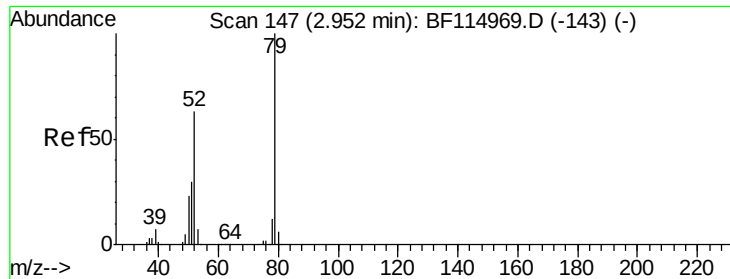
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





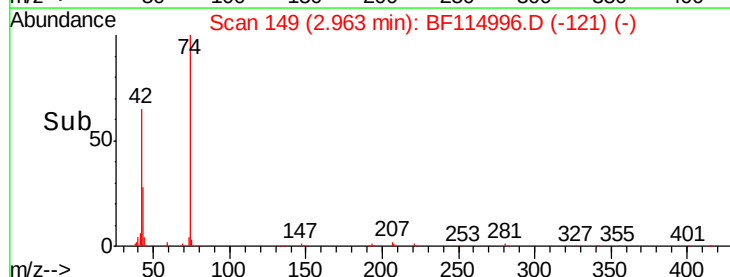
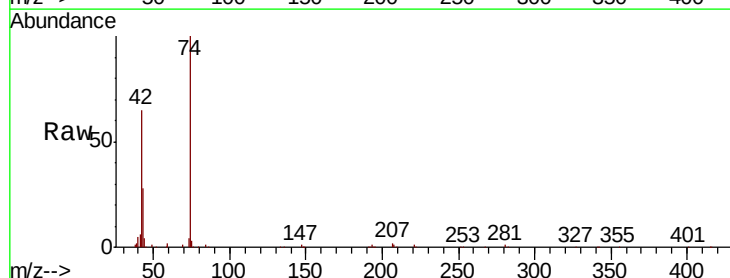
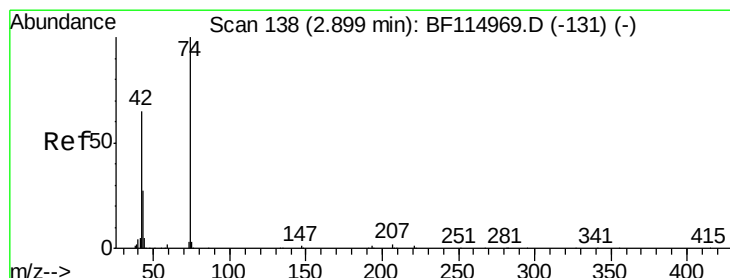
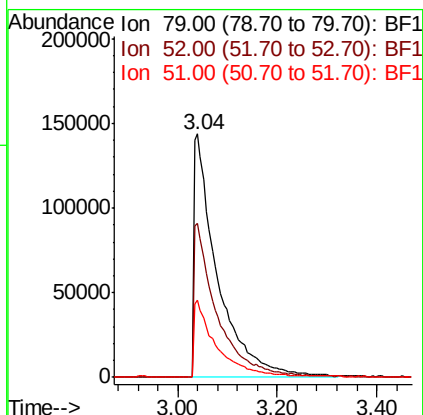
#3
 Pvridine
 Concen: 19.938 ng
 RT: 3.04 min Scan# 162
 Delta R.T. 0.09 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

Tot Ion:	79	Resp:	476441
Ion Ratio	Lower	Upper	
79	100		
52	63.3	50.3	75.5
51	31.5	24.4	36.6

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MSD

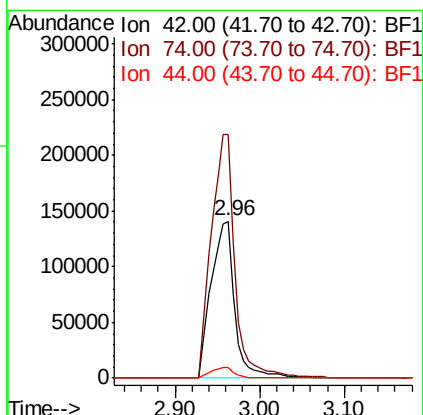
Manual Integrations
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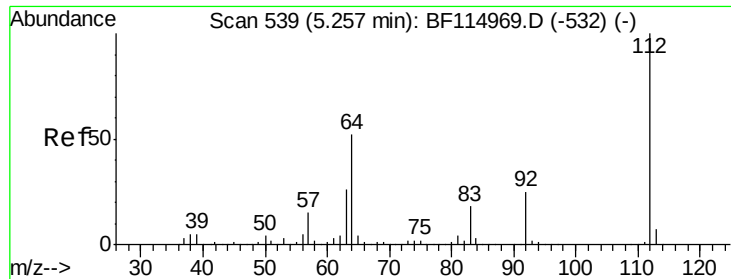
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#4
 n-Nitrosodimethylamine
 Concen: 32.746 ng
 RT: 2.96 min Scan# 149
 Delta R.T. 0.06 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

Tgt Ion:	42	Resp:	277819
Ion Ratio	Lower	Upper	
42	100		
74	154.9	122.2	183.2
44	6.5	5.8	8.8





#5

2-Fluorophenol

Concen: 106.910 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Instrument :

BNA_F

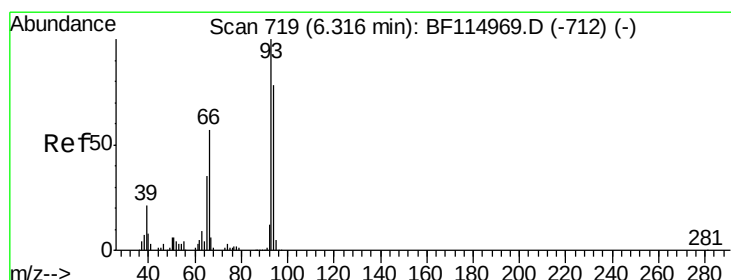
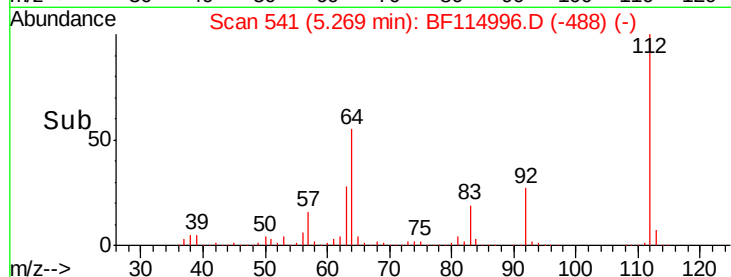
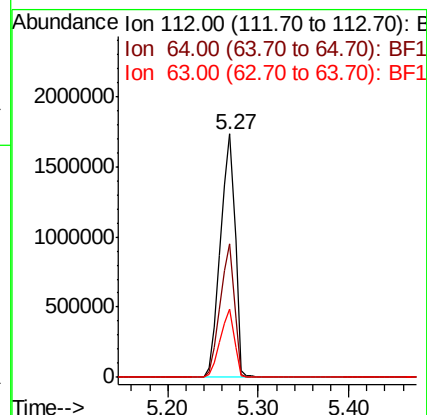
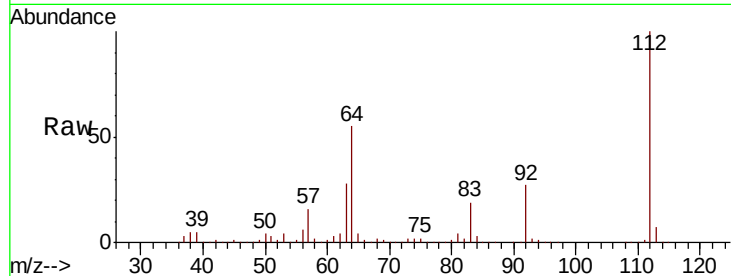
ClientSampleId :

200030-200034MSD

Tot Ion:	112	Resp:	1938568
Ion	Ratio	Lower	Upper
112	100		
64	54.8	41.6	62.4
63	28.0	20.9	31.3

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#6

Aniline

Concen: 14.503 ng

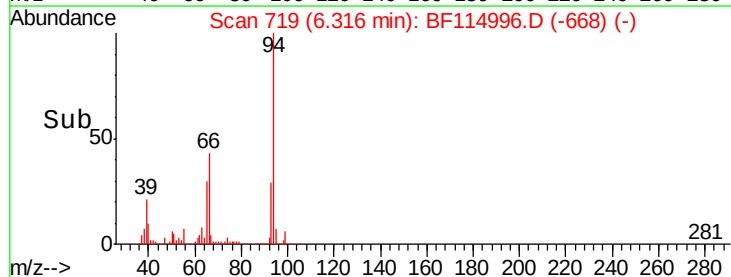
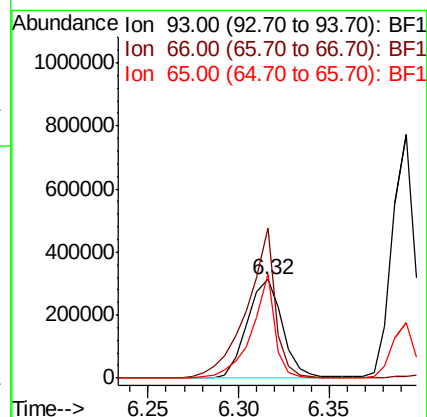
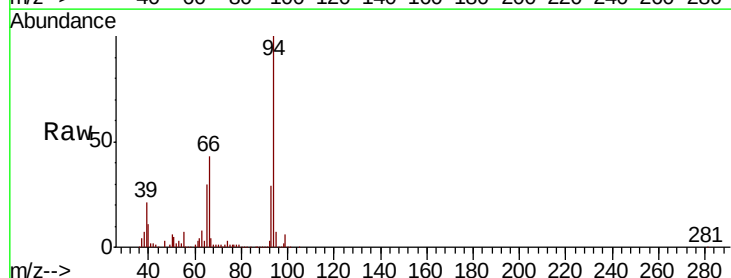
RT: 6.32 min Scan# 719

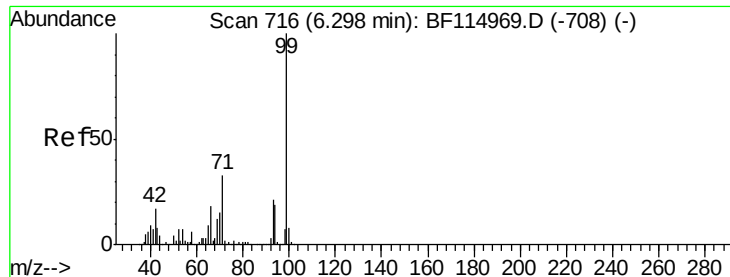
Delta R.T. -0.00 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Tgt Ion:	93	Resp:	424849
Ion	Ratio	Lower	Upper
93	100		
66	151.7	46.2	69.2#
65	105.4	27.7	41.5#





#7

Phenol-d6

Concen: 110.464 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Instrument :

BNA_F

ClientSampleId :

200030-200034MSD

Tot Ion: 99 Resp: 2416214

Ion Ratio Lower Upper

99 100

42 16.8 13.4 20.2

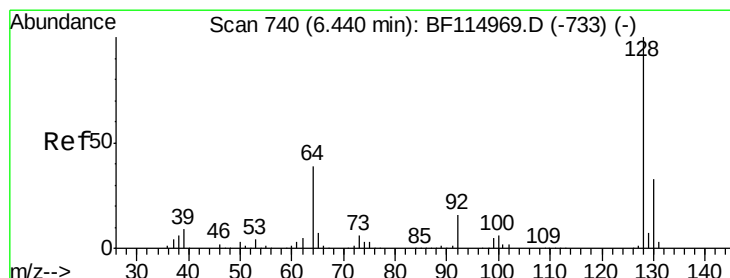
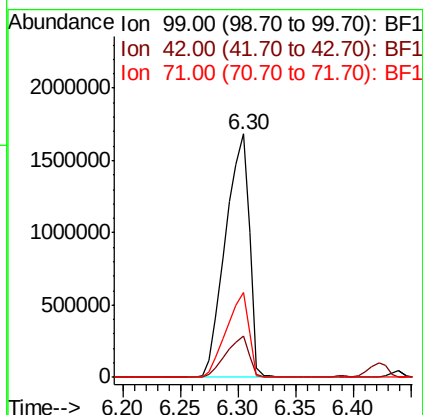
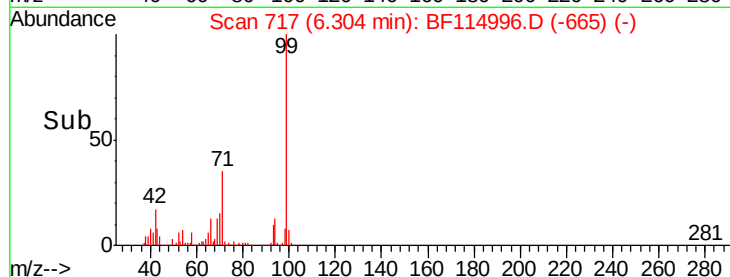
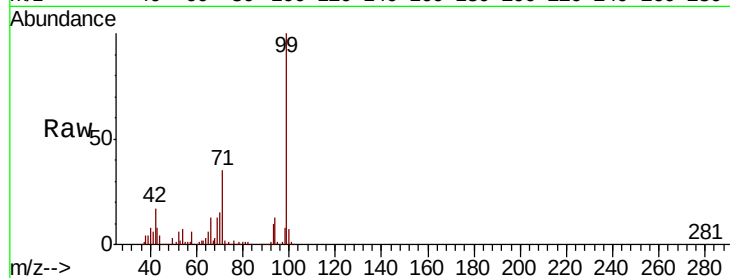
71 34.7 26.4 39.6

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#8

2-Chlorophenol

Concen: 34.448 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

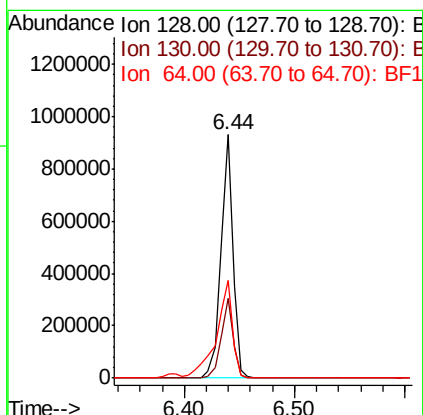
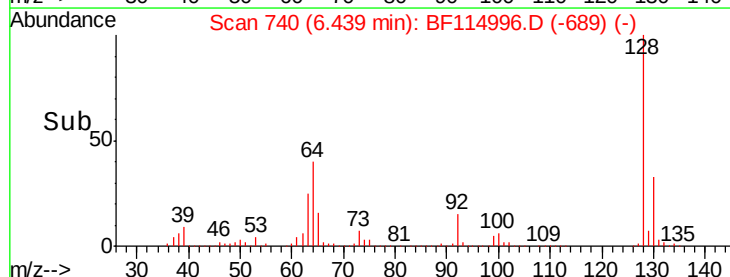
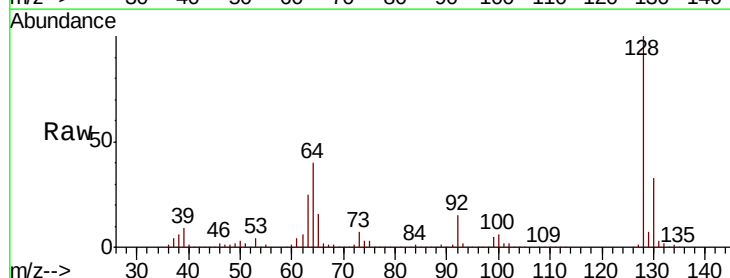
Tgt Ion: 128 Resp: 708278

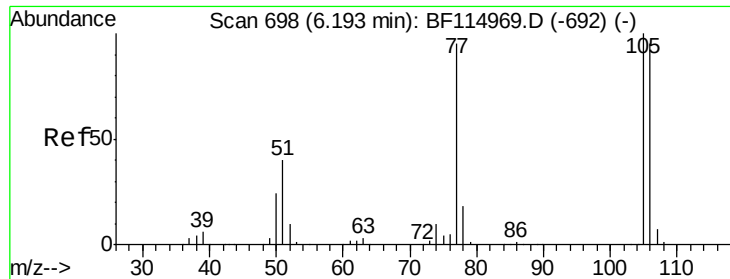
Ion Ratio Lower Upper

128 100

130 32.9 13.4 53.4

64 39.9 20.1 60.1





#9

Benzaldehyde

Concen: 7.590 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Instrument :

BNA_F

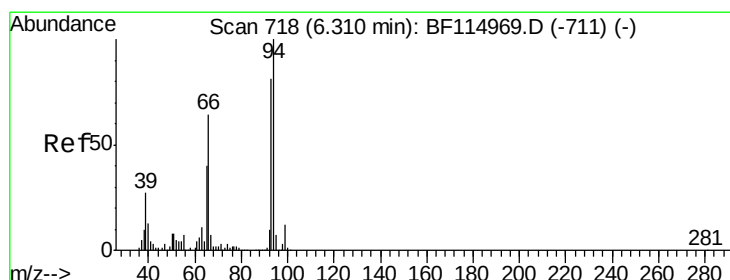
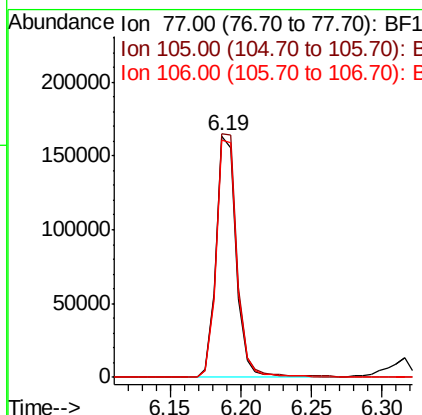
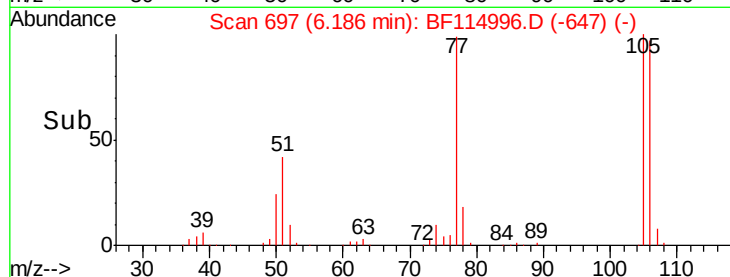
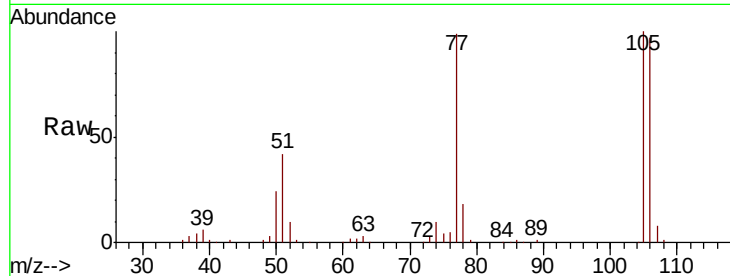
ClientSampleId :

200030-200034MSD

Tot Ion:	77	Resp:	162807
Ion	Ratio	Lower	Upper
77	100		
105	100.8	85.1	125.1
106	98.2	80.0	120.0

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#10

Phenol

Concen: 32.439 ng

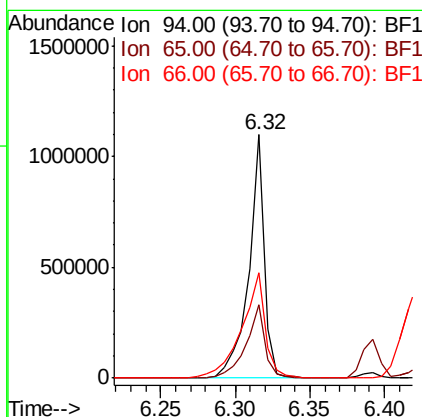
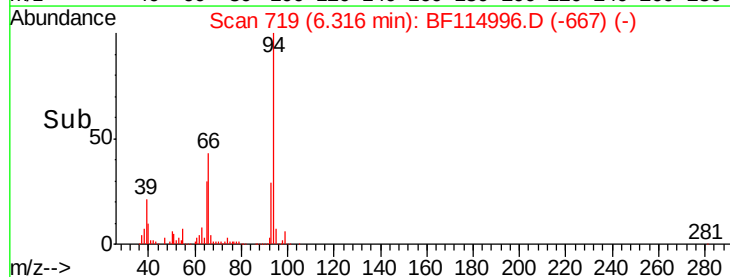
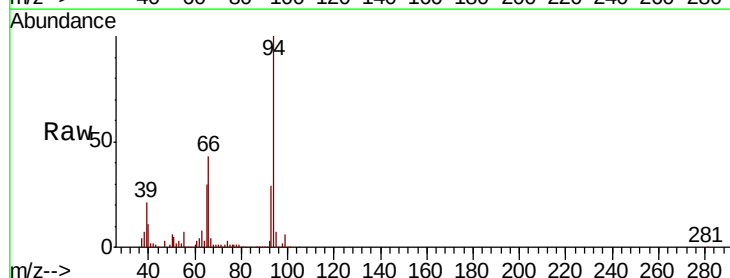
RT: 6.32 min Scan# 719

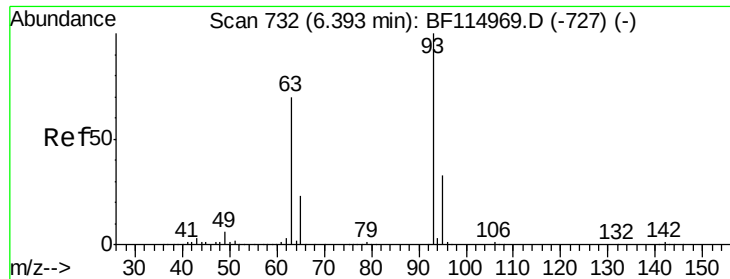
Delta R.T. 0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Tgt Ion:	94	Resp:	793861
Ion	Ratio	Lower	Upper
94	100		
65	30.1	20.0	60.0
66	43.3	44.1	84.1#





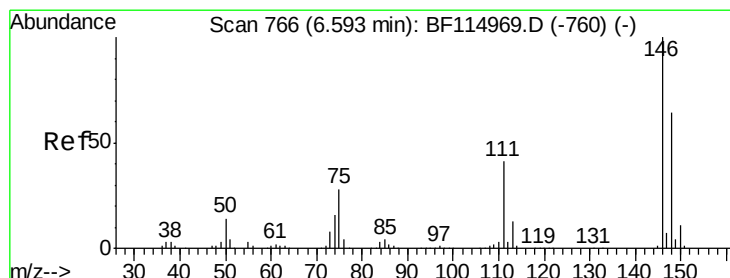
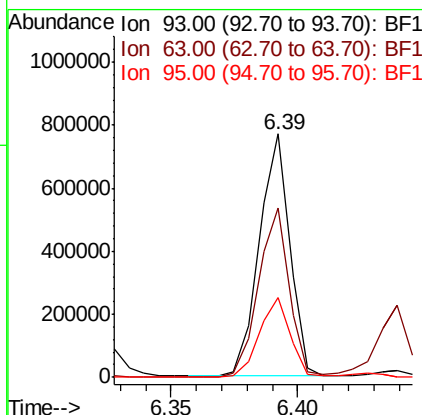
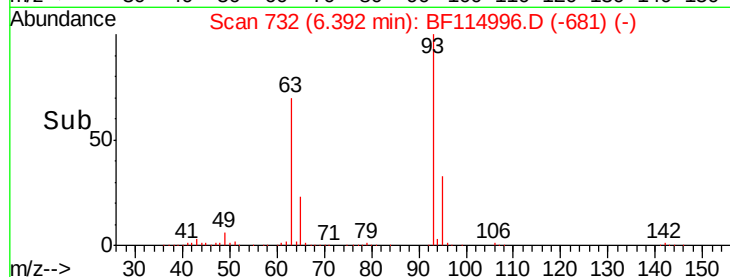
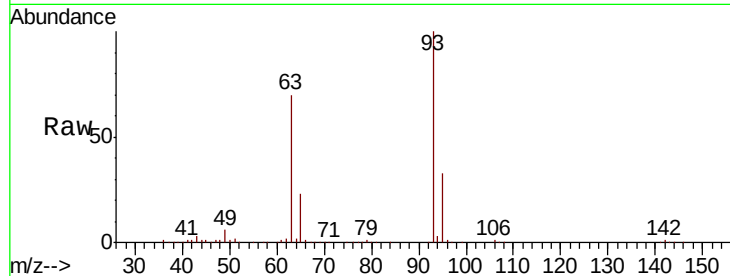
#11
bis(2-Chloroethyl)ether
Concen: 34.178 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	93	Resp	649201
Ion	Ratio	Lower	Upper
93	100		
63	69.8	49.8	89.8
95	32.9	13.3	53.3

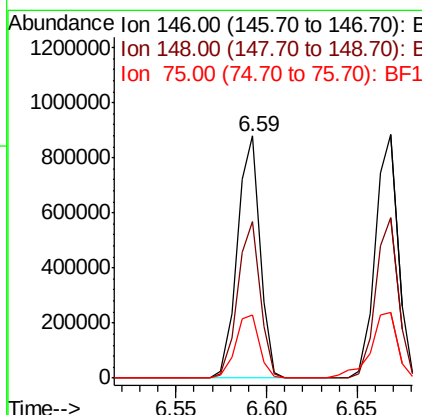
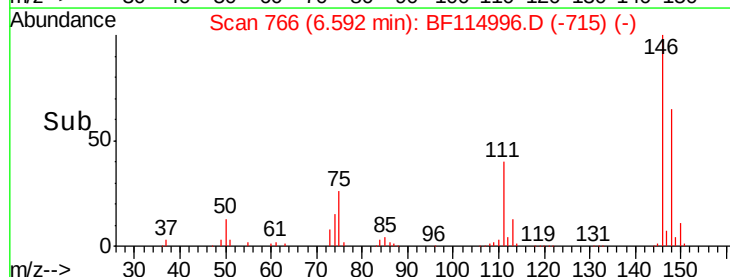
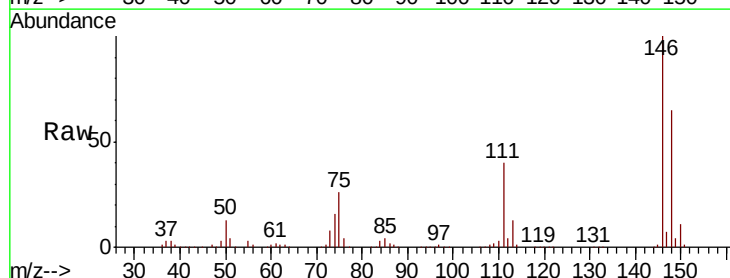
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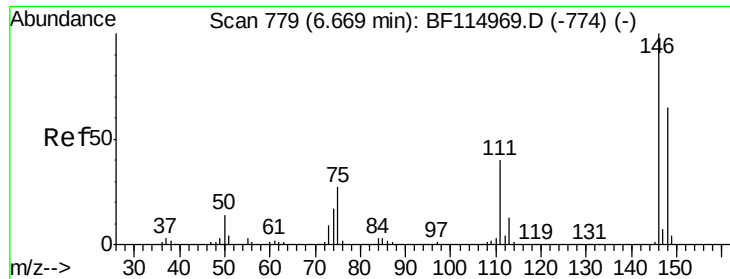
mohammad
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#12
1,3-Dichlorobenzene
Concen: 31.813 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	146	Resp	764011
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
75	26.3	22.3	33.5





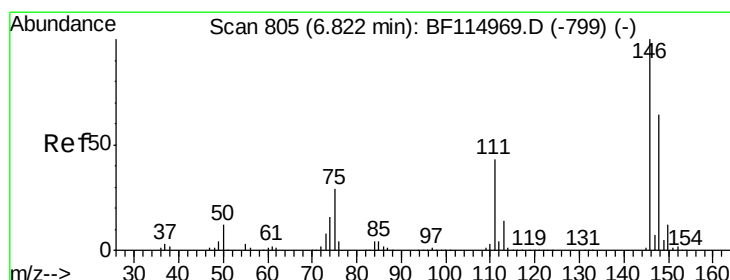
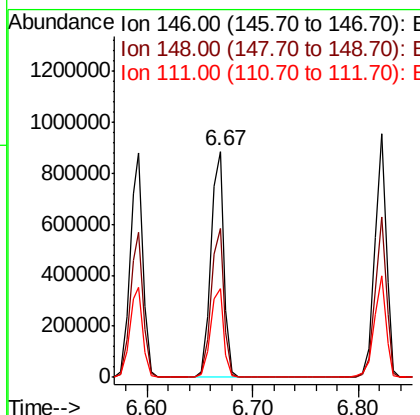
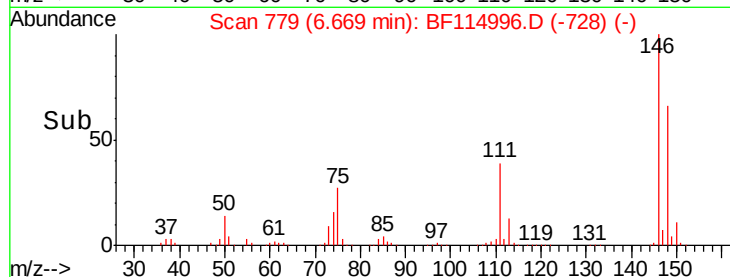
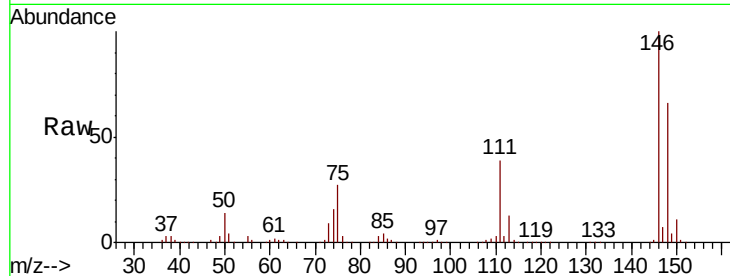
#13
 1,4-Dichlorobenzene
 Concen: 32.053 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.2	78.2
111	39.3	32.4	48.6

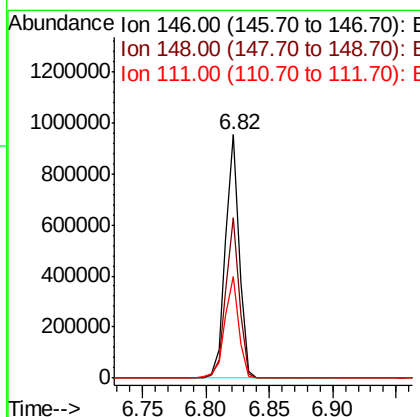
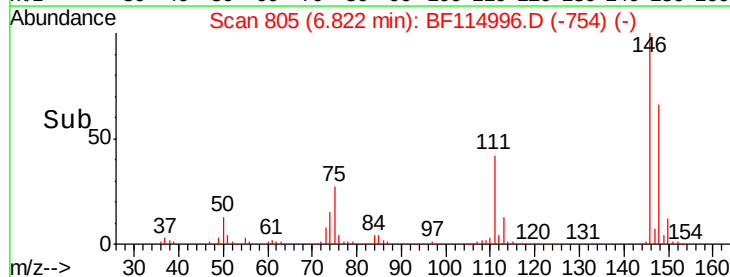
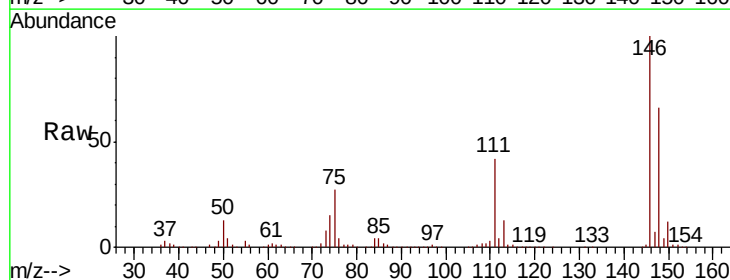
Manual Integrations
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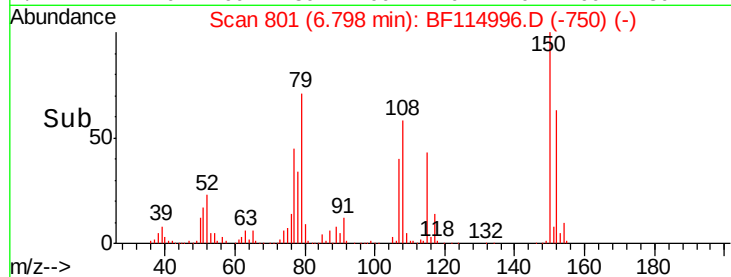
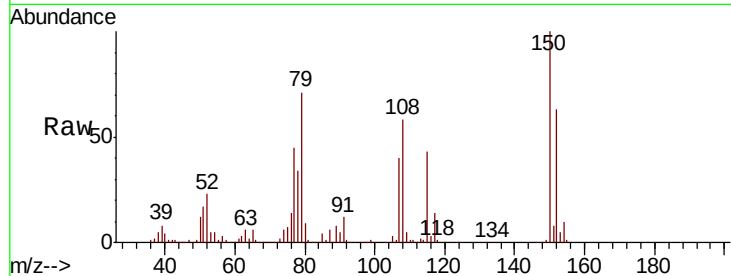
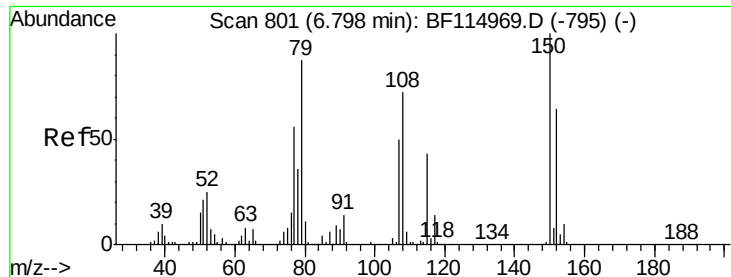
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#14
 1,2-Dichlorobenzene
 Concen: 31.640 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.5	77.3
111	41.7	34.6	51.8





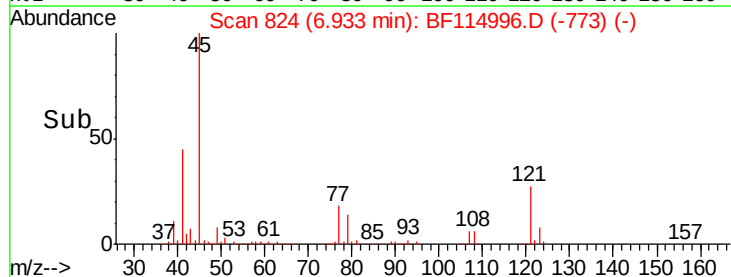
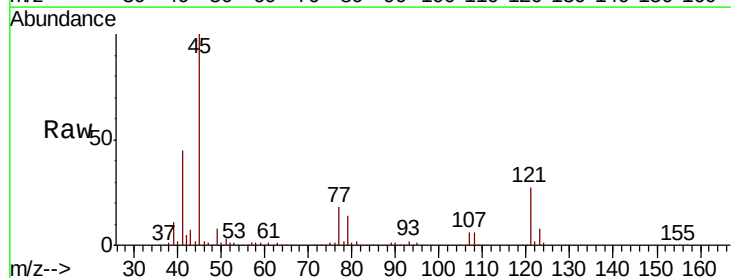
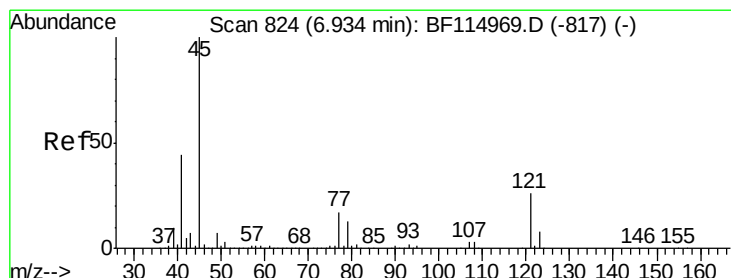
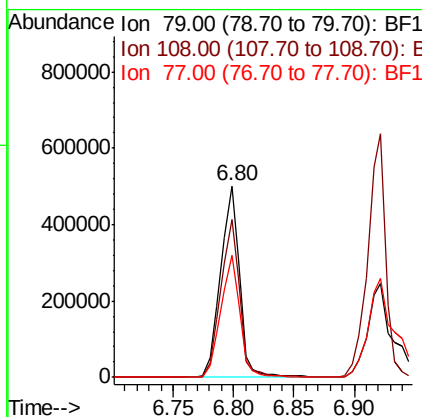
#15
Benzyl Alcohol
Concen: 33.363 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	82.2	66.0	99.0	
77	63.8	51.1	76.7	

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

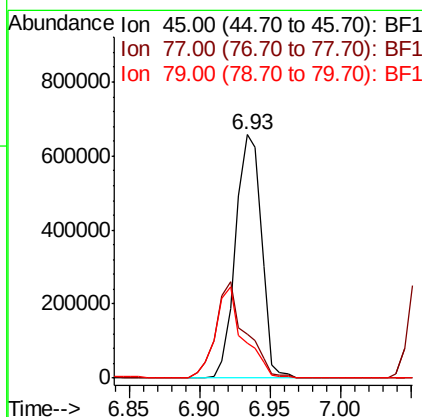
Manual Integrations
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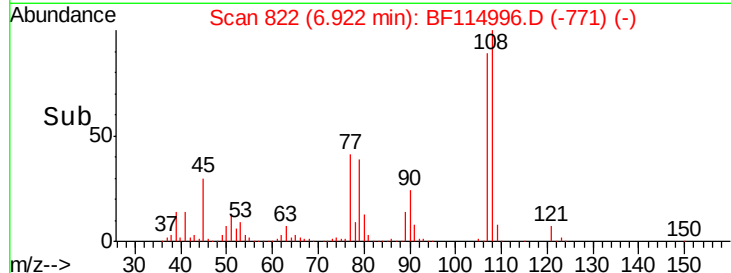
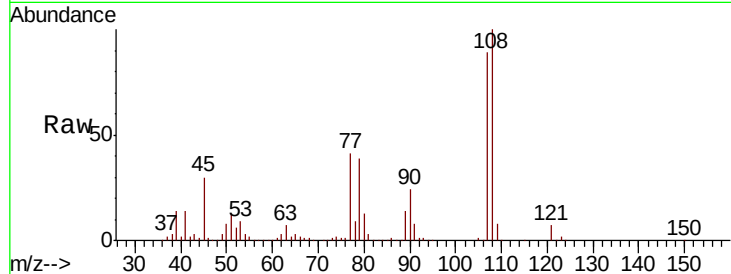
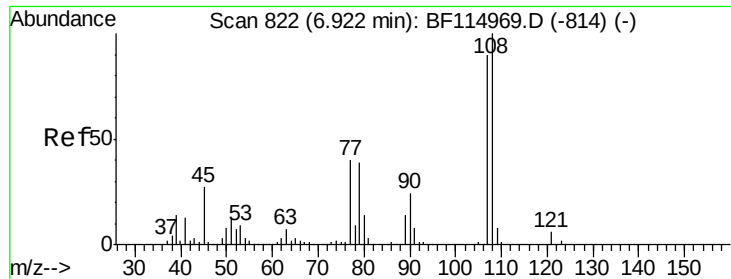
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.061 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	18.1	0.0	37.0	
79	14.2	0.0	33.1	





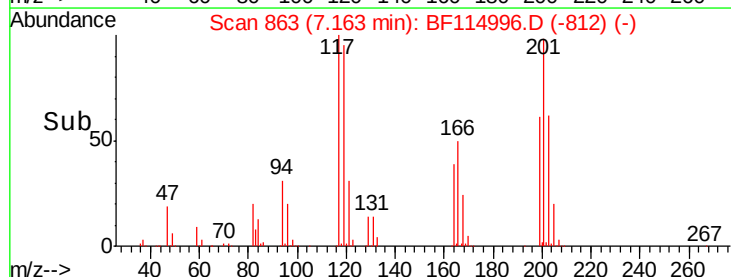
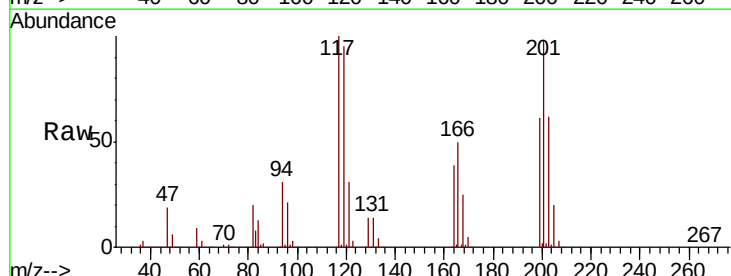
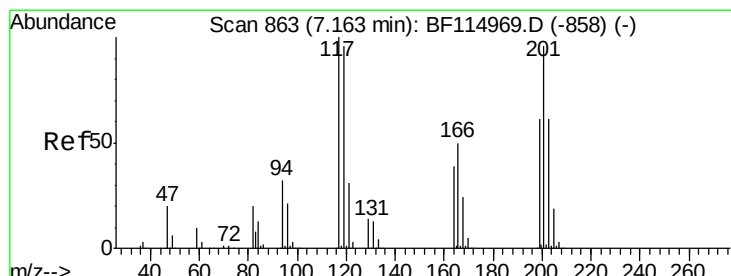
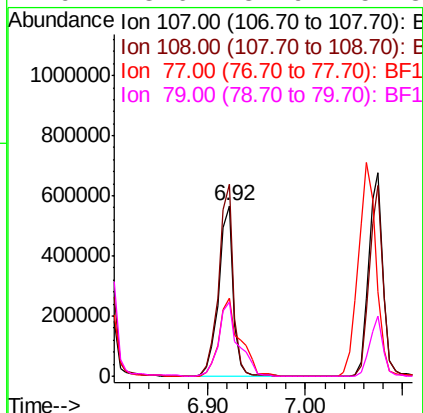
#17
2-Methylphenol
Concen: 34.351 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tot Ion	107	Resp	589109
Ion Ratio	Lower	Upper	
107	100		
108	112.5	89.3	133.9
77	45.8	35.4	53.2
79	43.6	34.9	52.3

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

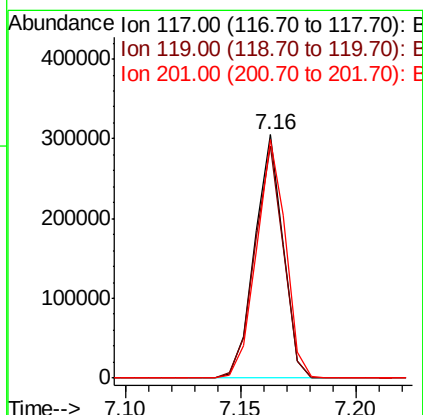
Manual Integrations
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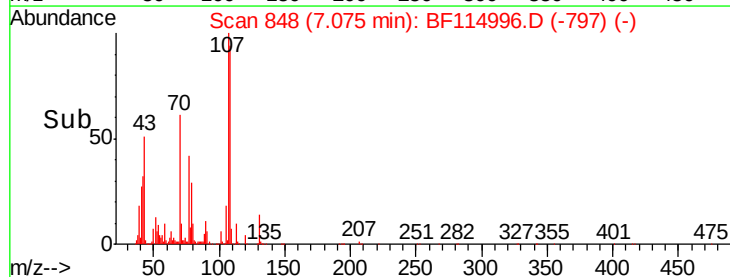
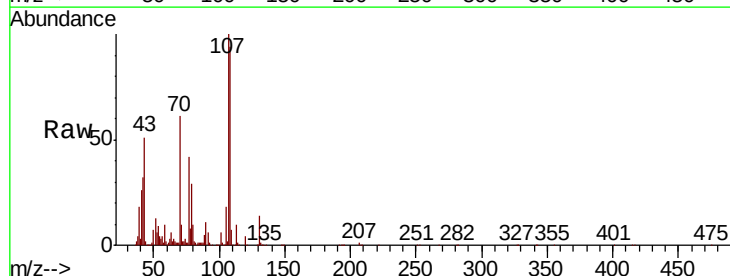
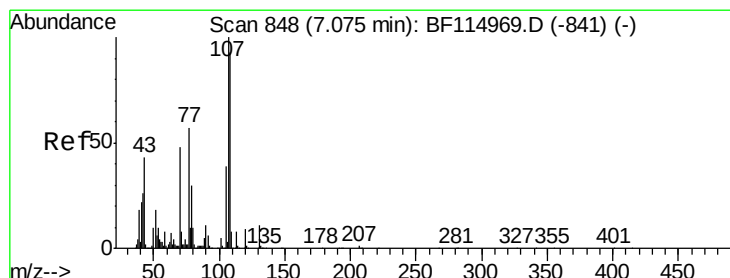
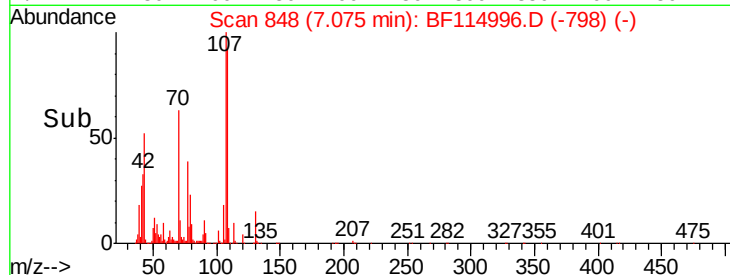
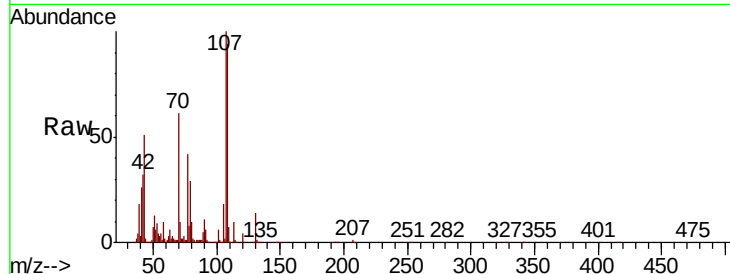
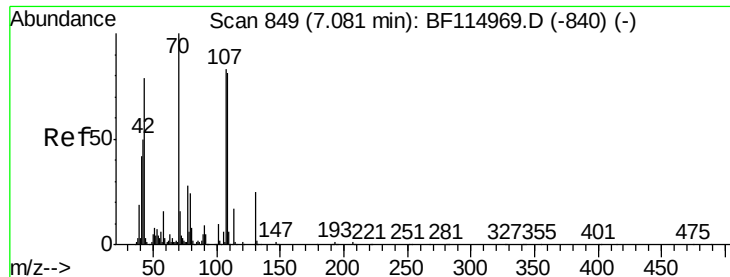
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#18
Hexachloroethane
Concen: 29.926 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

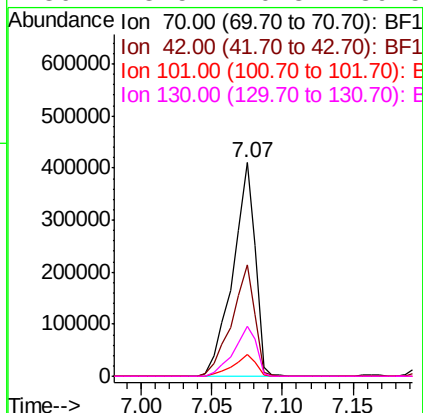
Tgt Ion	117	Resp	260933
Ion Ratio	Lower	Upper	
117	100		
119	95.4	77.0	115.4
201	97.8	76.6	115.0





#19
n-Nitroso-di-n-propylamine
Concen: 33.952 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.9	40.3	60.5	
101	10.0	8.2	12.4	
130	23.5	20.3	30.5	



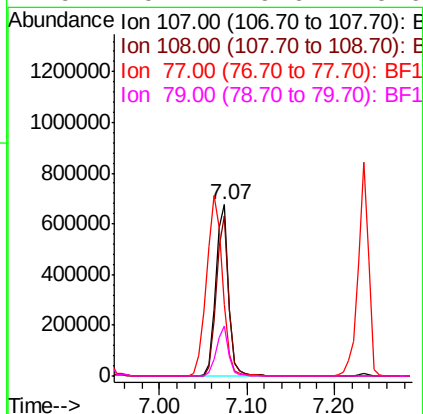
Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

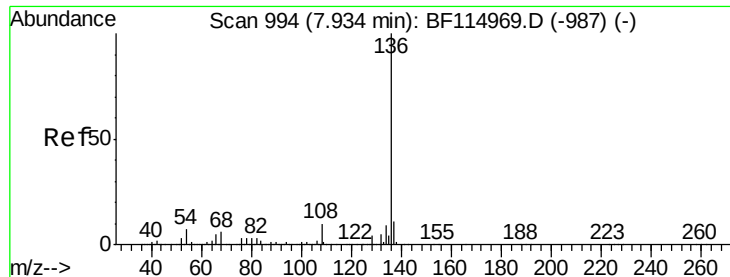
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#20
3+4-Methylphenols
Concen: 33.452 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.8	73.1	113.1	
77	41.9	37.3	77.3	
79	29.4	9.6	49.6	





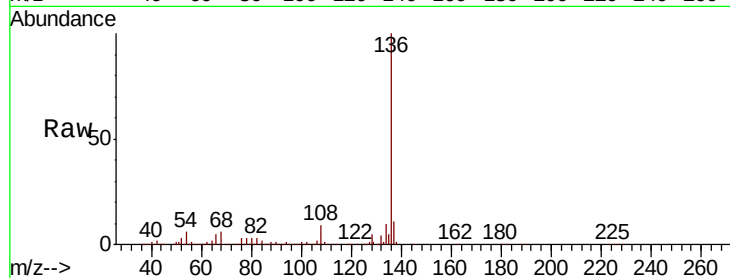
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1154491		
137	11.3		9.0	13.4	
54	6.4		5.4	8.0	
68	5.6		4.6	7.0	

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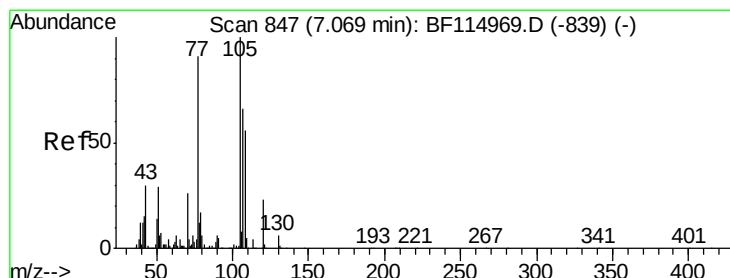
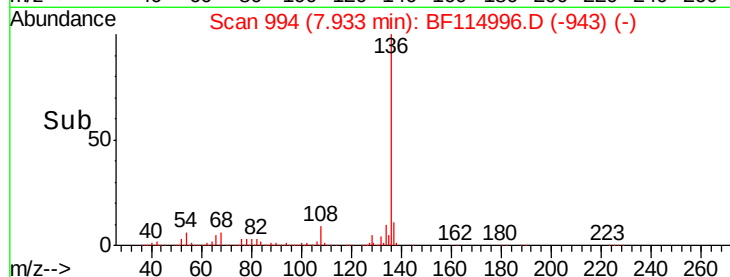
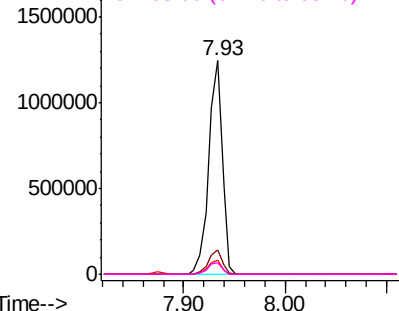
Abundance

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: 37.110 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		969827		
71	3.1		3.4	5.2#	
51	26.1		23.3	34.9	
120	22.9		18.8	28.2	

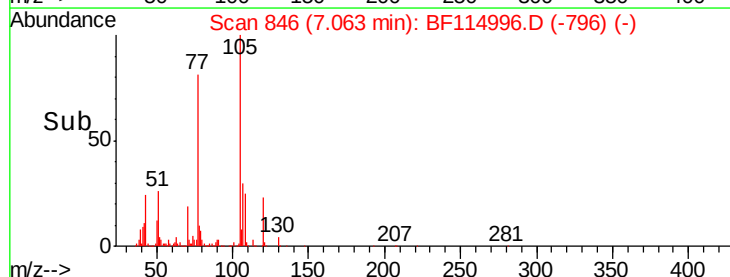
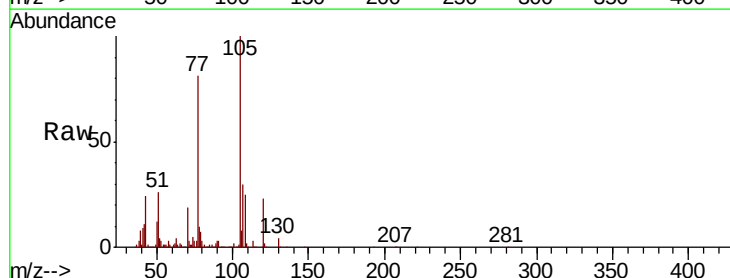
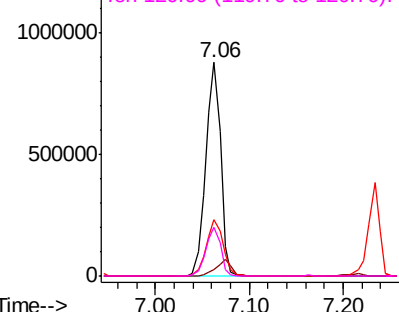
Abundance

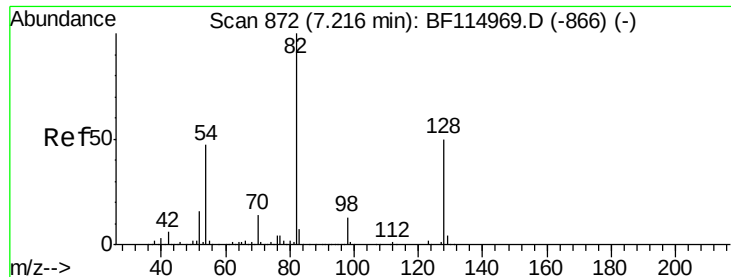
Ion 105.00 (104.70 to 105.70): E

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: 78.665 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Instrument :

BNA_F

ClientSampleId :

200030-200034MSD

Tot Ion: 82 Resp: 1508795

Ion Ratio Lower Upper

82 100

128 50.7 39.9 59.9

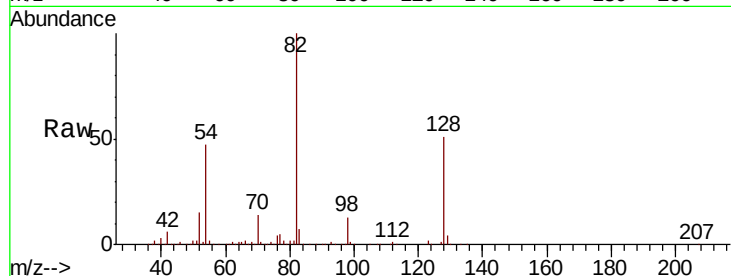
54 46.7 37.3 55.9

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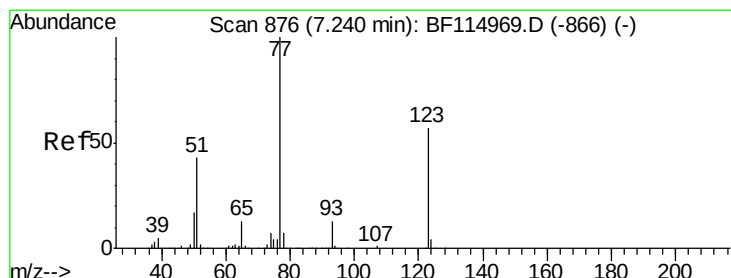
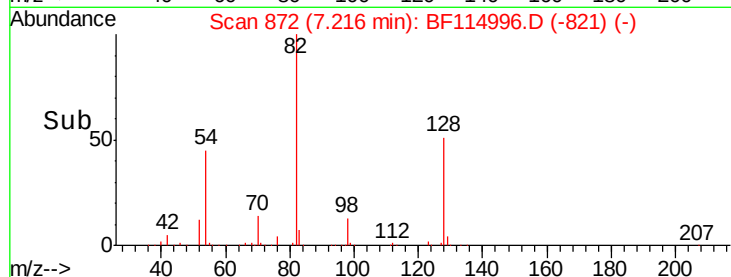
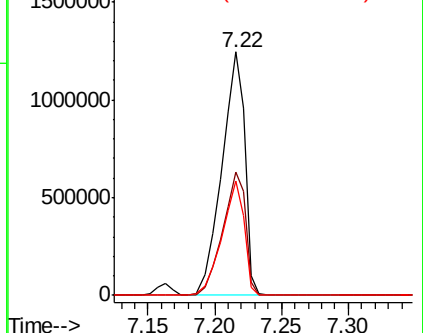
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 36.156 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

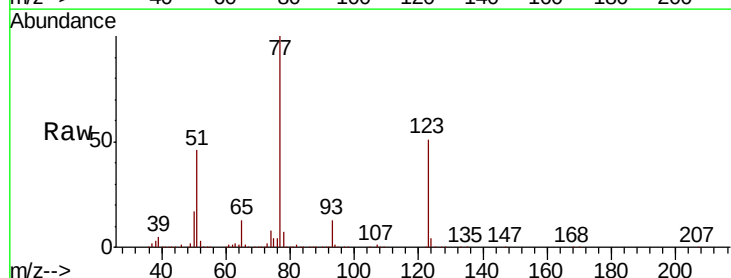
Tgt Ion: 77 Resp: 705567

Ion Ratio Lower Upper

77 100

123 50.9 45.5 68.3

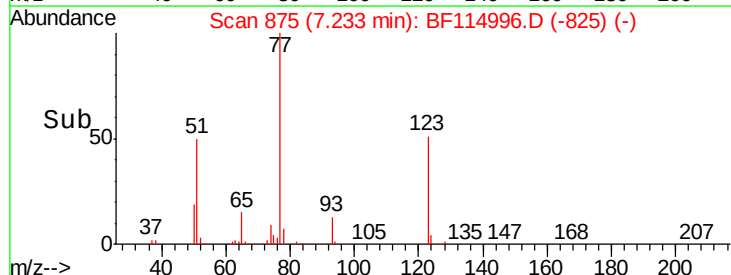
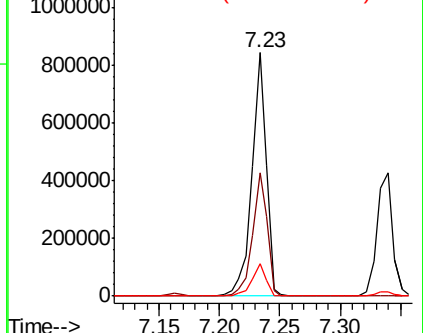
65 13.4 10.3 15.5

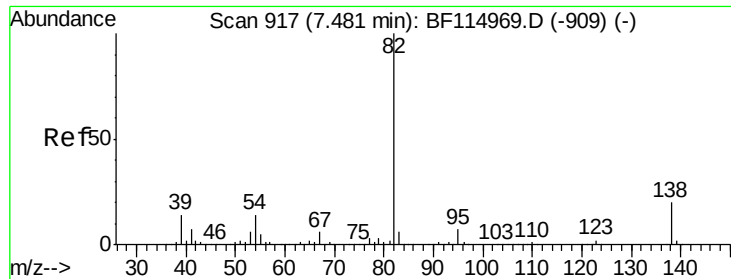


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





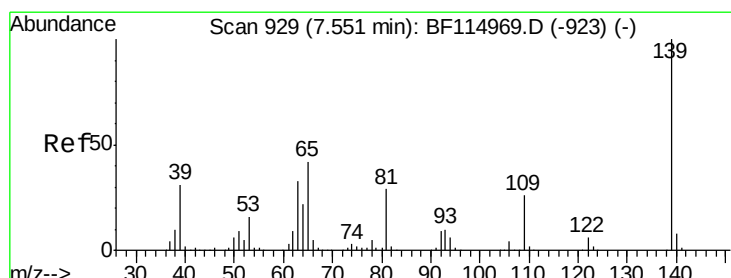
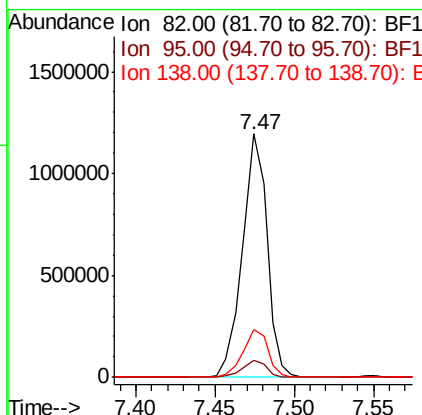
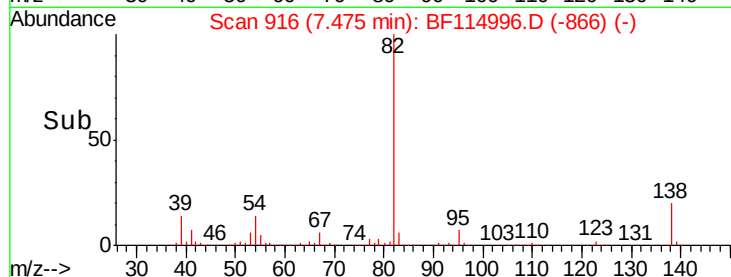
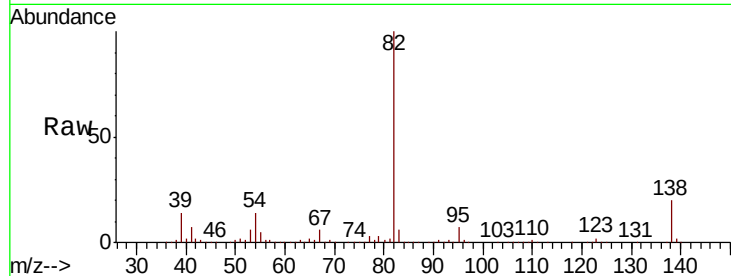
#25
Isophorone
Concen: 35.999 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion: 82 Resp: 1293187
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.9 16.1 24.1

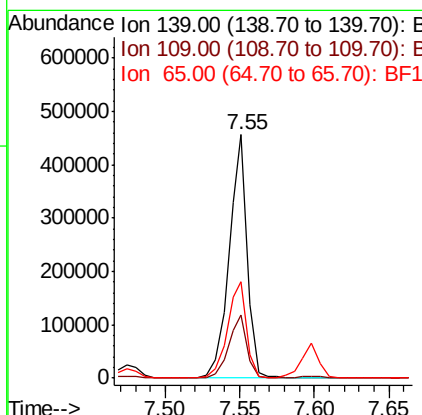
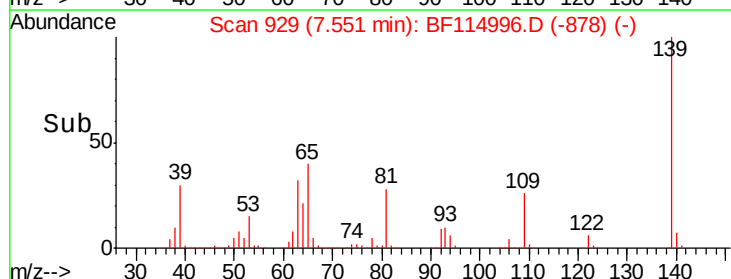
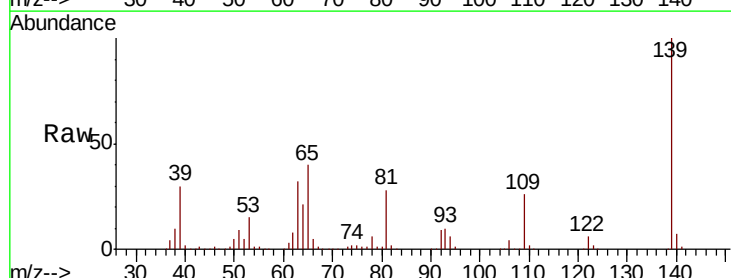
Manual Integrations
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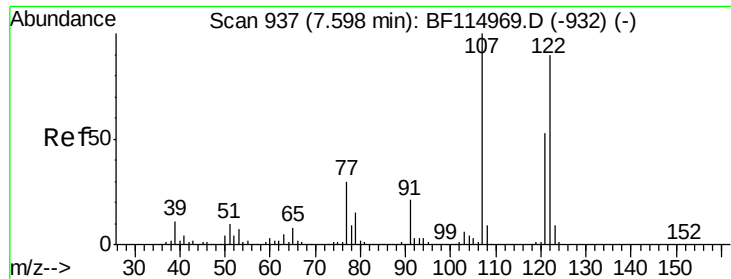
mohammad
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#26
2-Nitrophenol
Concen: 36.019 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion: 139 Resp: 391790
Ion Ratio Lower Upper
139 100
109 25.7 20.8 31.2
65 39.7 33.4 50.2





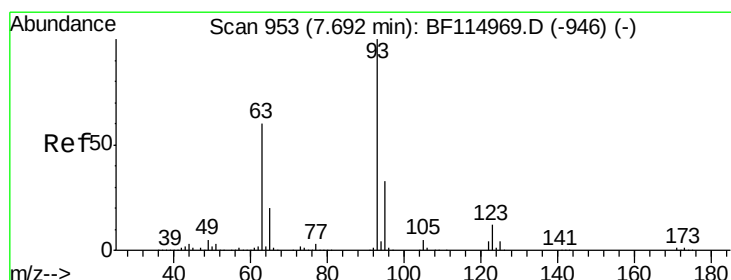
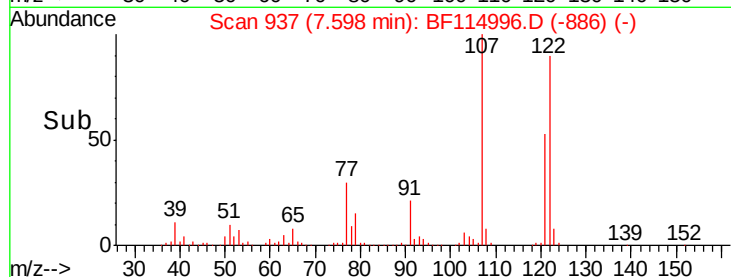
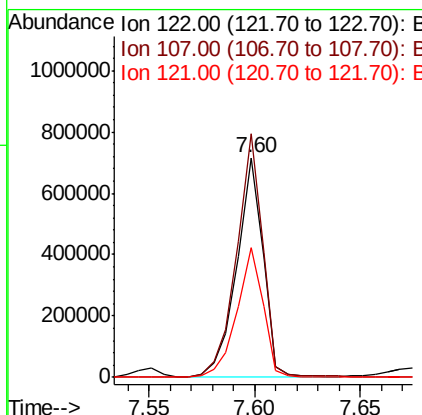
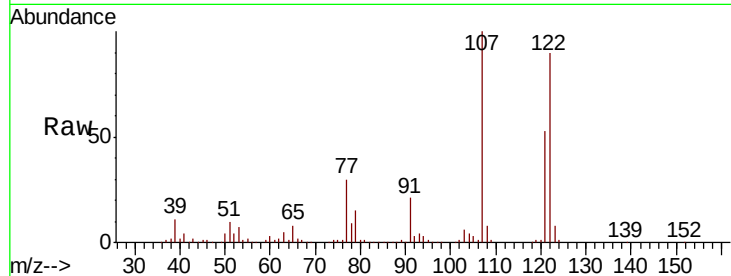
#27
2,4-Dimethylphenol
Concen: 39.398 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	88.8	133.2
121	59.1	47.4	71.0

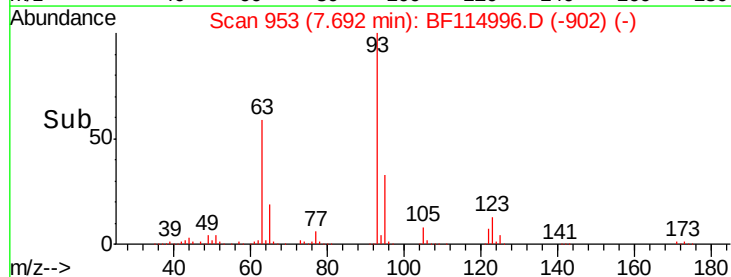
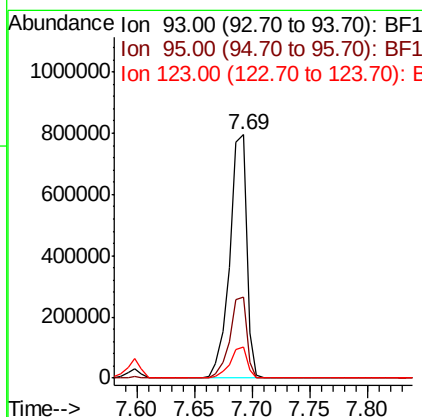
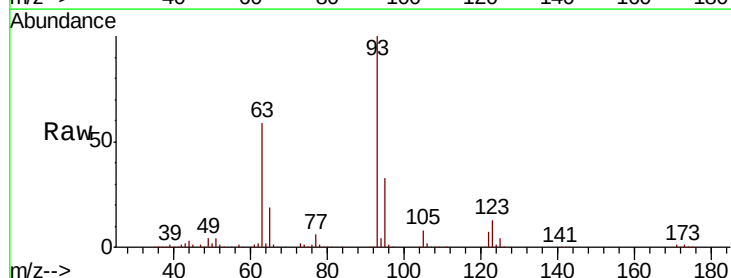
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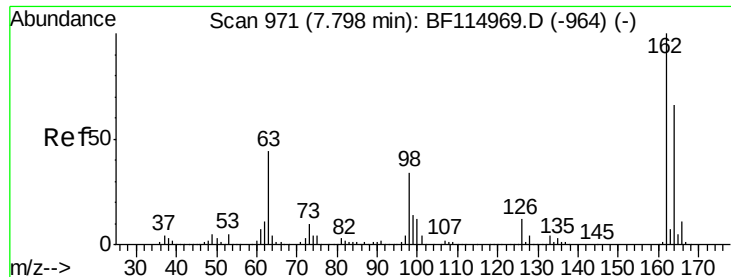
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#28
bis(2-Chloroethoxy)methane
Concen: 35.394 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	12.8	9.9	14.9





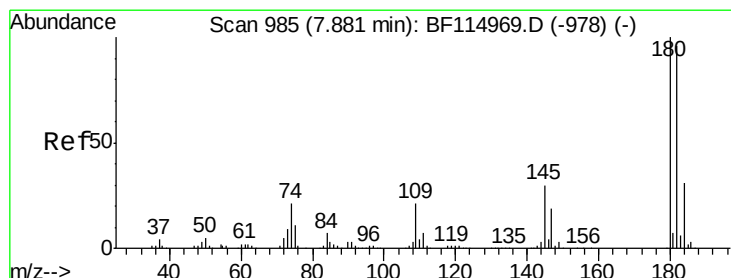
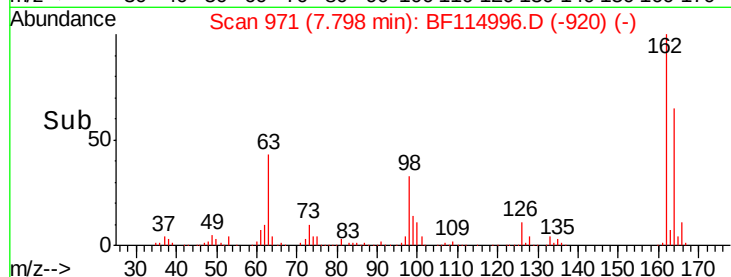
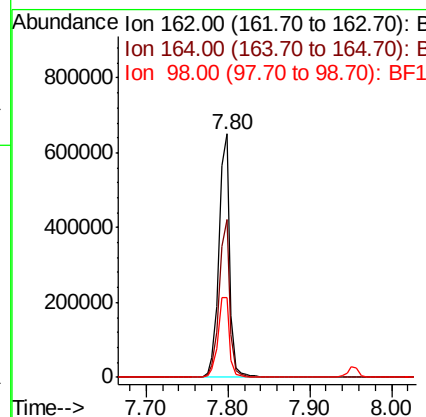
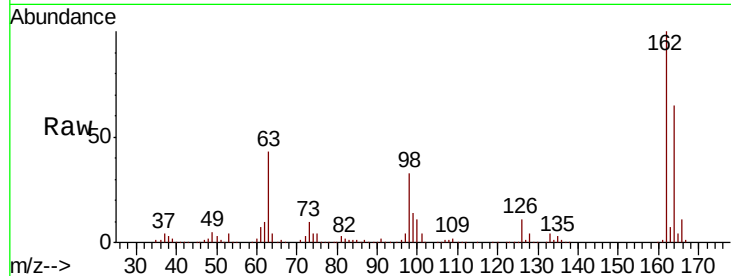
#29
 2,4-Dichlorophenol
 Concen: 36.262 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	601106		
164	64.8	45.7	85.7	
98	32.7	14.0	54.0	

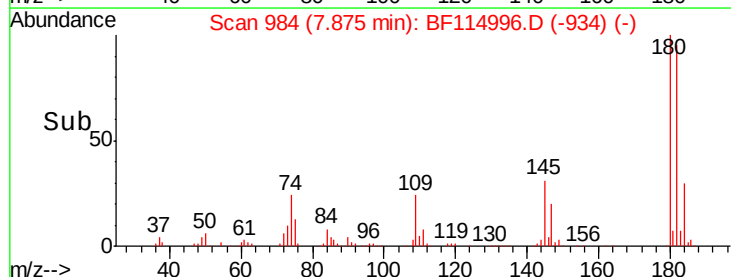
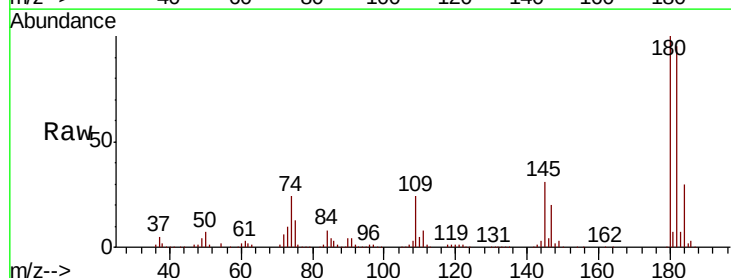
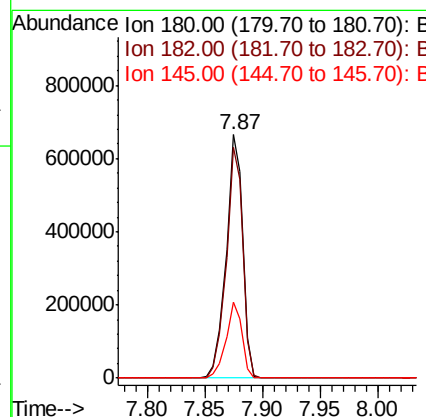
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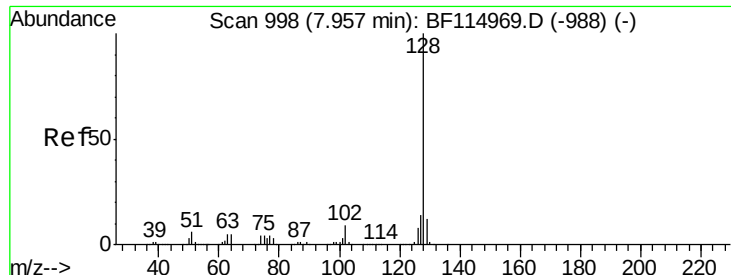
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.470 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	660231		
182	95.0	76.7	115.1	
145	31.1	24.1	36.1	





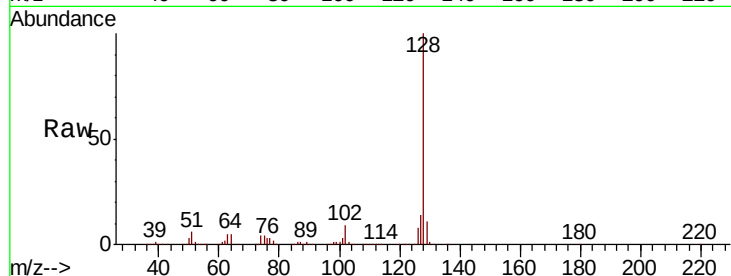
#31
Naphthalene
Concen: 35.793 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.8	11.5	17.3

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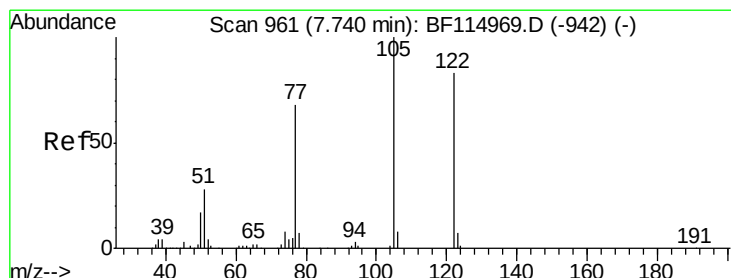
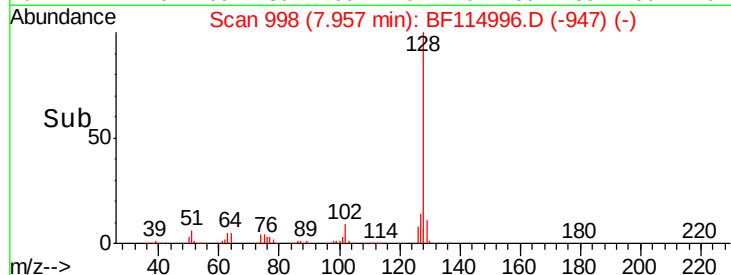
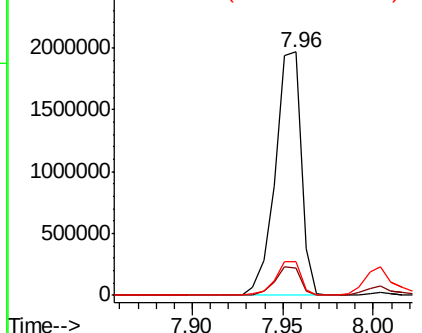


Abundance

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: 10.679 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.04 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

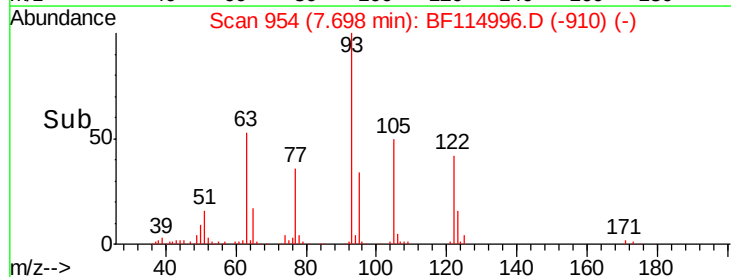
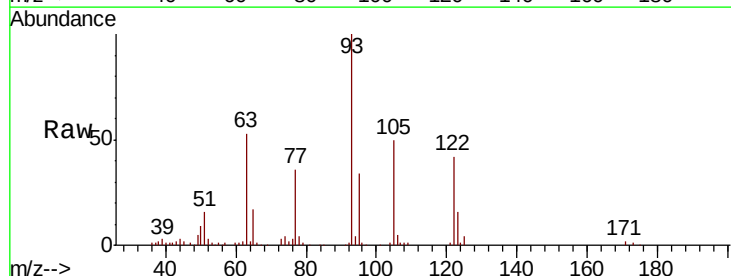
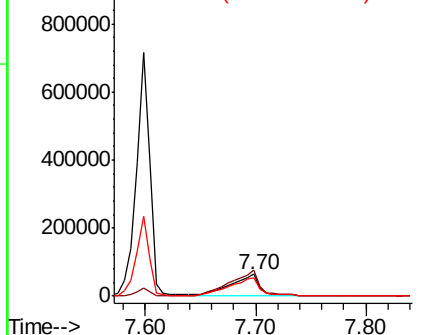
Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.5	98.6	138.6
77	85.4	60.9	100.9

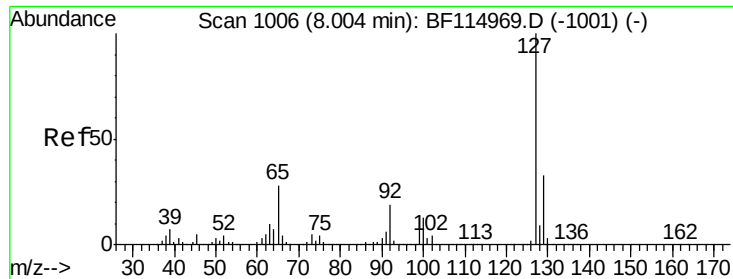
Abundance

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





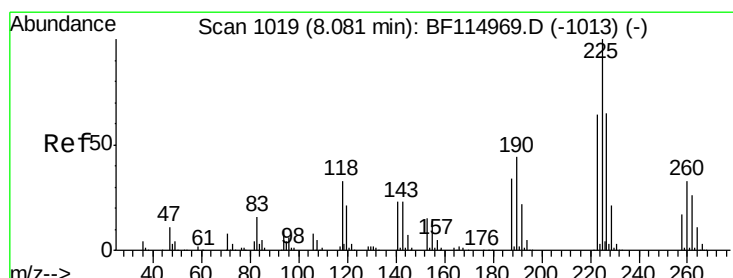
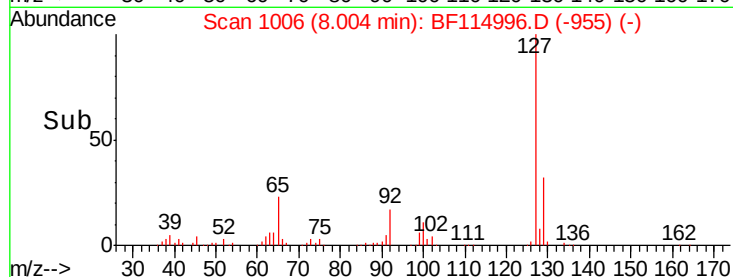
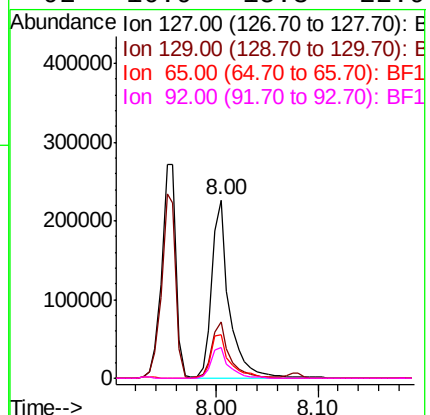
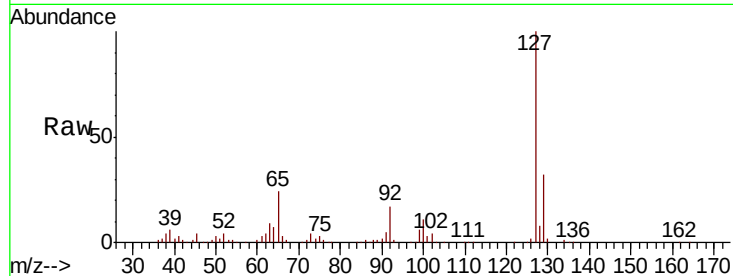
#33
4-Chloroaniline
Concen: 10.655 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.1	39.1		
65	24.2	22.3	33.5		
92	16.9	15.3	22.9		

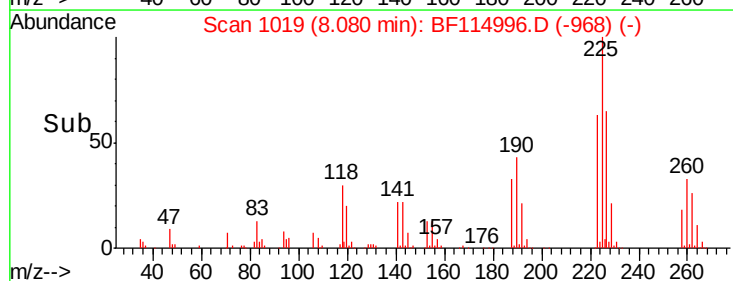
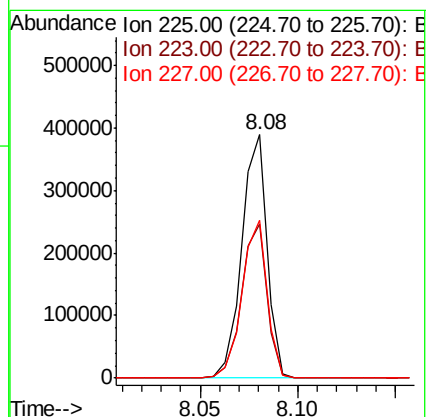
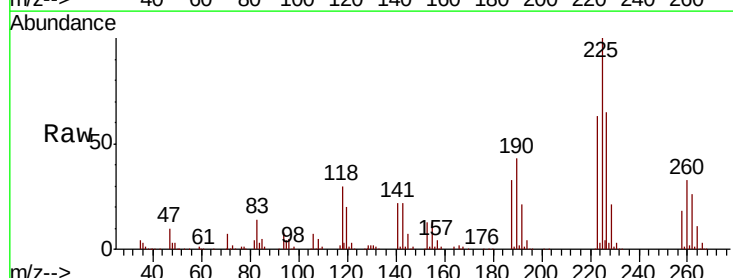
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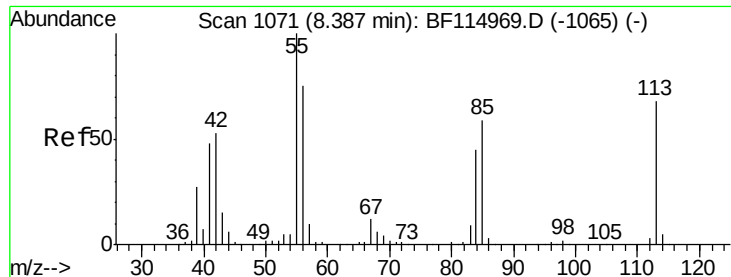
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#34
Hexachlorobutadiene
Concen: 32.836 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	51.0	76.6		
227	65.0	51.7	77.5		





#35

Caprolactam

Concen: 31.937 ng/mL

RT: 8.37 min Scan# 1068

Delta R.T. -0.02 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Instrument :

BNA_F

ClientSampleId :

200030-200034MSD

Tot Ion: 113 Resp: 176325

Ion Ratio Lower Upper

113 100

55 148.0 127.3 167.3

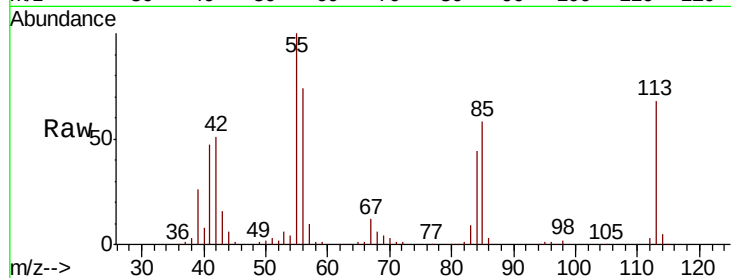
56 110.1 90.6 130.6

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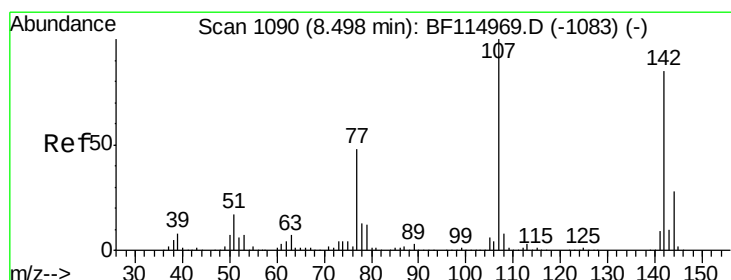
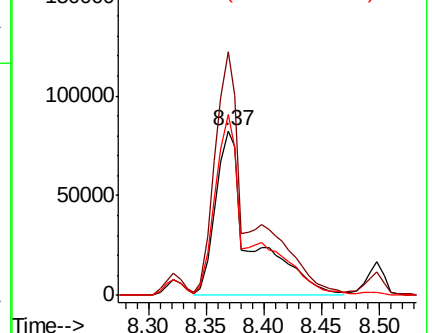
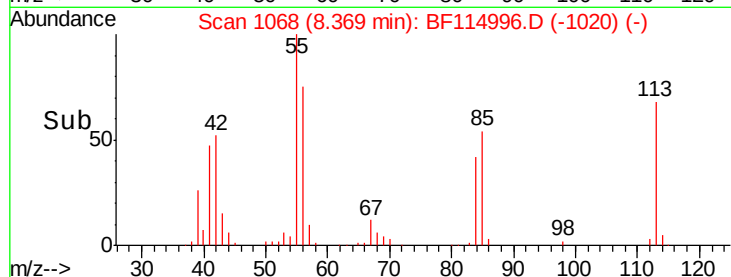
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.176 ng/mL

RT: 8.50 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

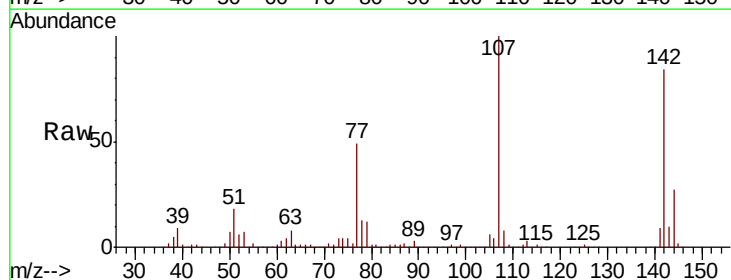
Tgt Ion: 107 Resp: 604321

Ion Ratio Lower Upper

107 100

144 27.2 22.0 33.0

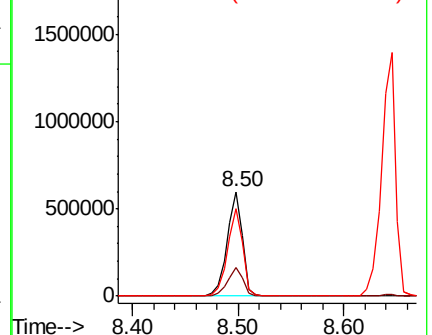
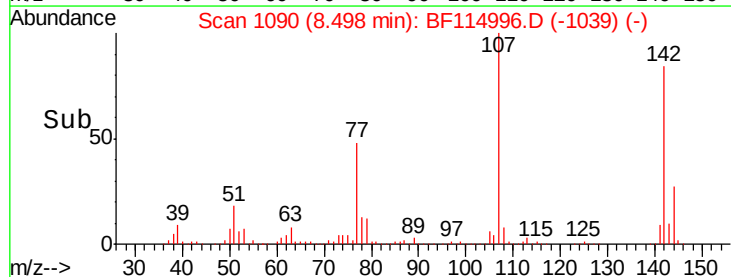
142 84.1 68.2 102.4

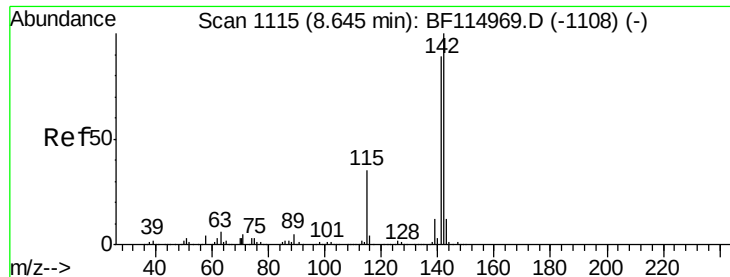


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





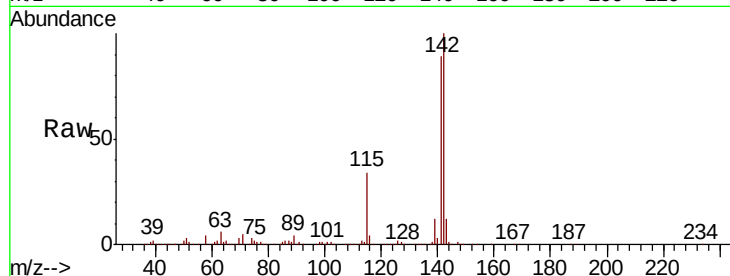
#37
2-Methylnaphthalene
Concen: 35.924 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	34.1	27.9	41.9

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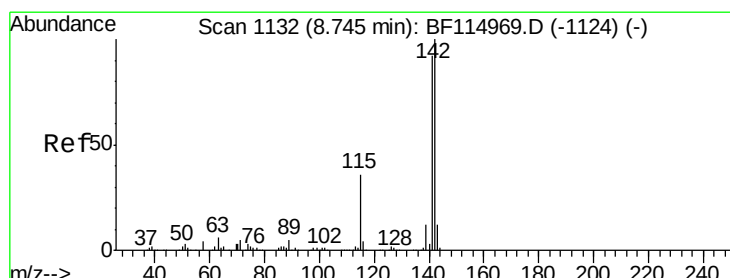
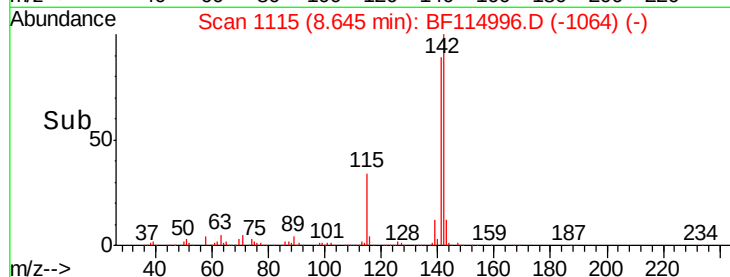
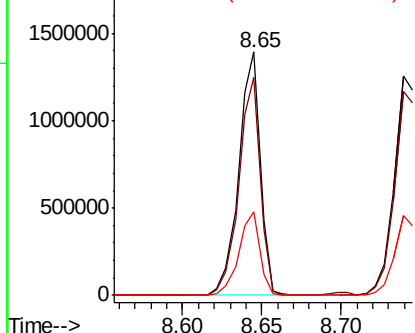


Abundance

Ion 142.00 (141.70 to 142.70): E

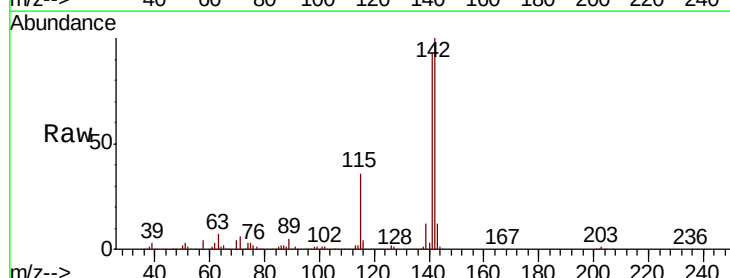
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 35.704 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.8	110.8
116	3.8	2.9	4.3

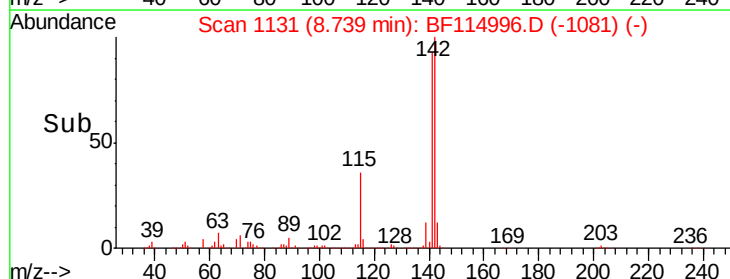
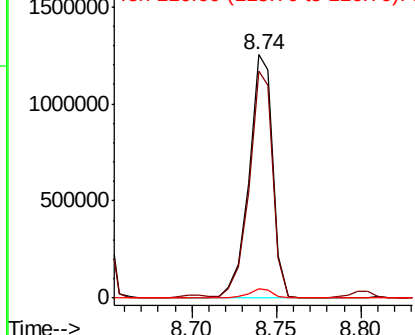


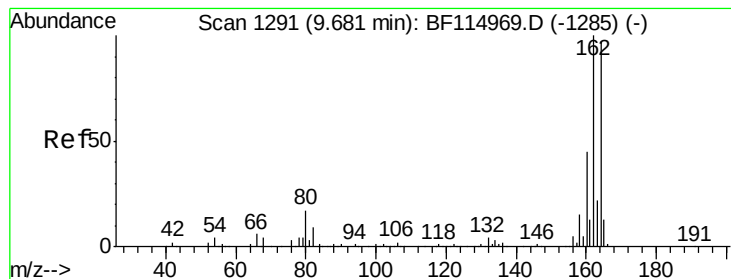
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Instrument :

BNA_F

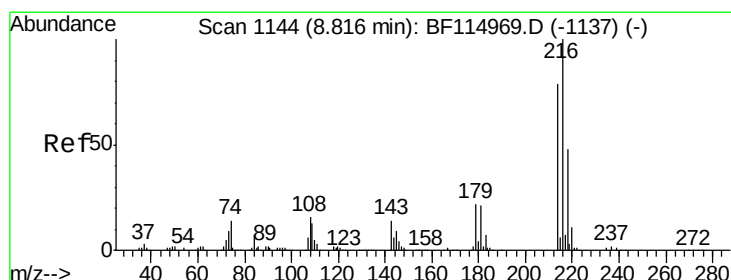
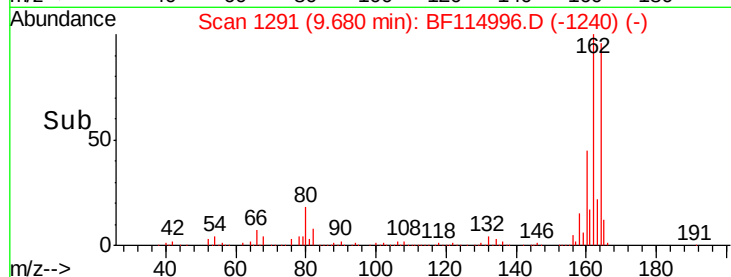
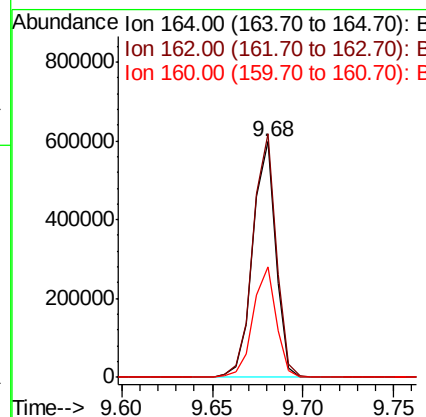
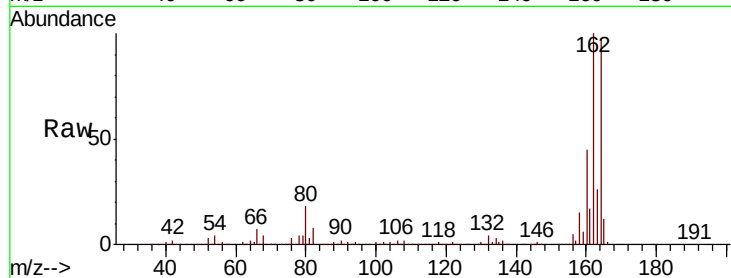
ClientSampleId :

200030-200034MSD

Tot Ion:	164	Resp:	526634
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.6	124.0
160	46.7	36.9	55.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.006 ng

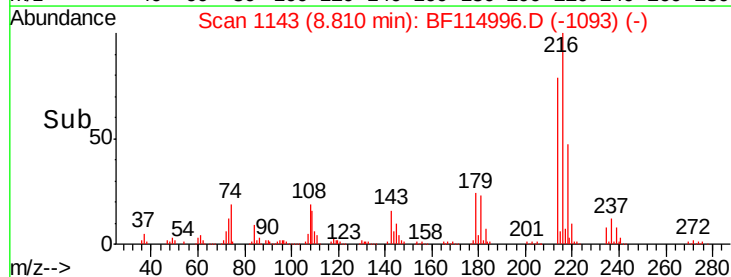
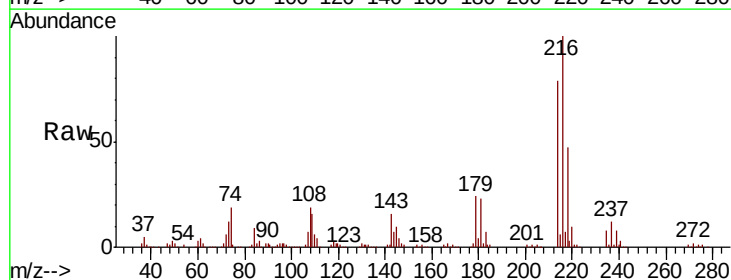
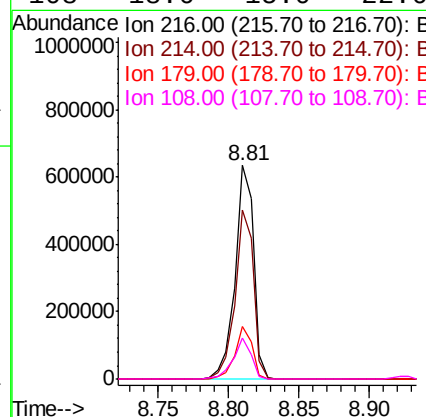
RT: 8.81 min Scan# 1143

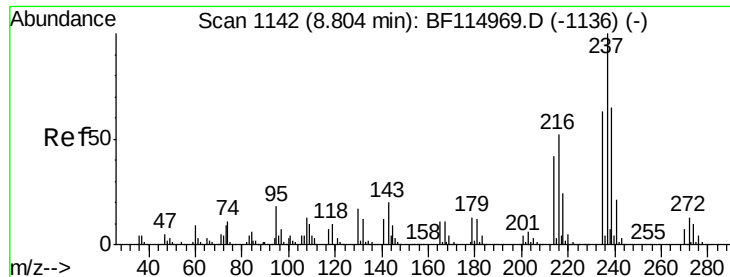
Delta R.T. -0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Tgt Ion:	216	Resp:	575773
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.7	95.5
179	23.0	18.2	27.4
108	18.6	15.0	22.6





#41

Hexachlorocyclopentadiene

Concen: 36.104 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Instrument :

BNA_F

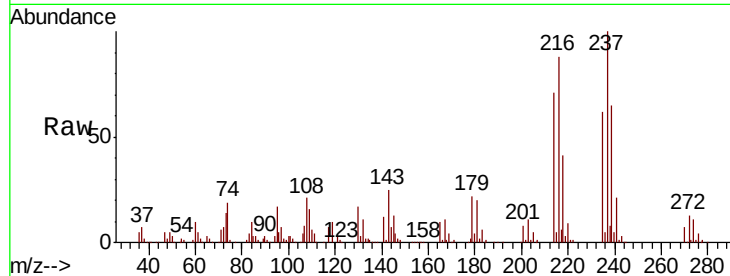
ClientSampleId :

200030-200034MSD

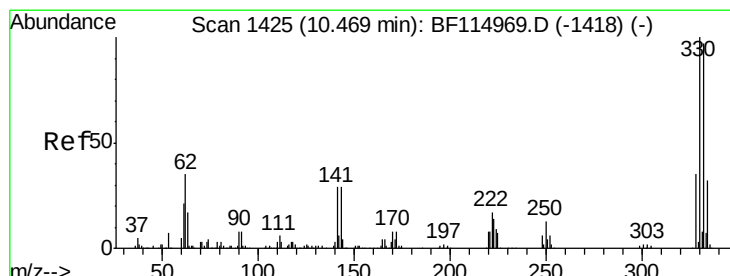
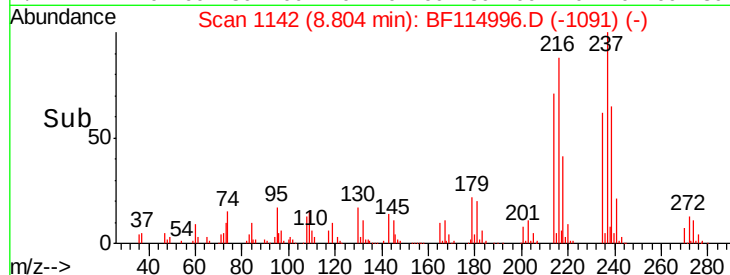
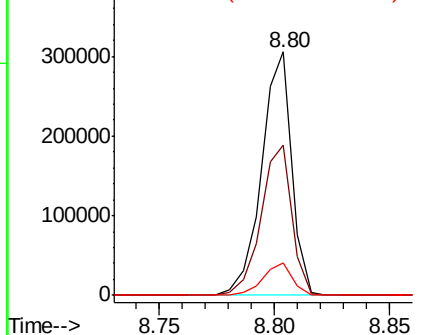
Tot Ion:	237	Resp:	276802
Ion Ratio	Lower	Upper	
237	100		
235	61.7	42.7	82.7
272	13.2	0.0	32.7

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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: 100.169 ng

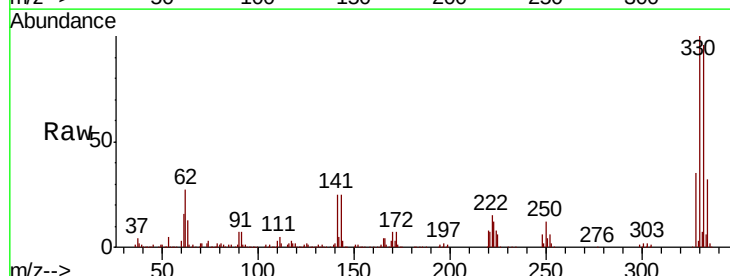
RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

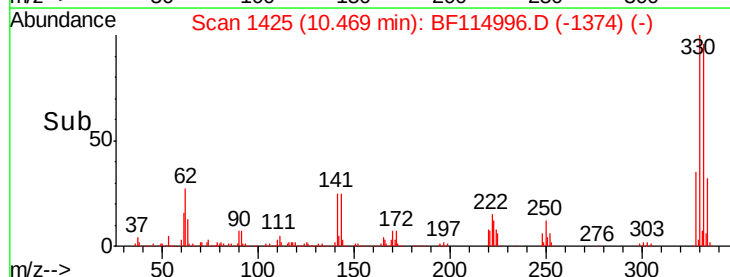
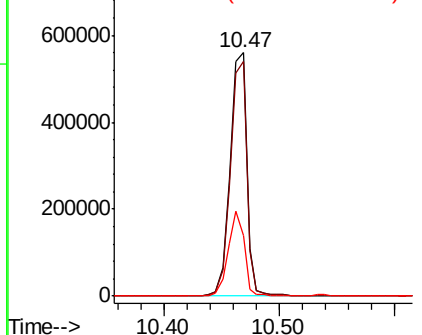
Lab File: BF114996.D

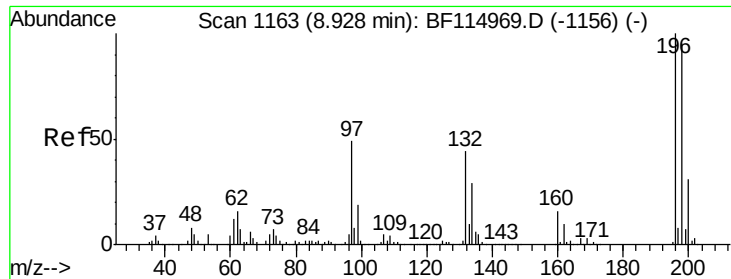
Acq: 13 Jun 2019 12:04

Tgt Ion:	330	Resp:	564904
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.6	116.4
141	33.5	27.2	40.8



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





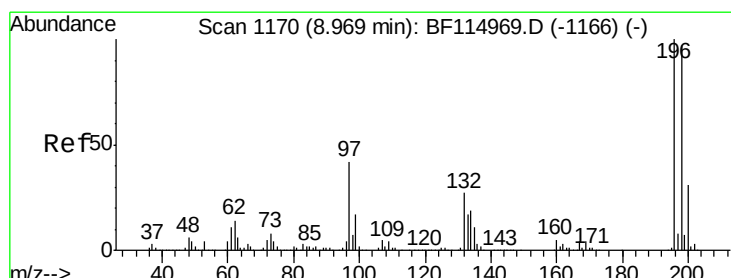
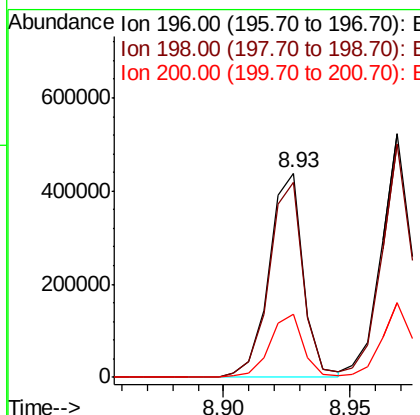
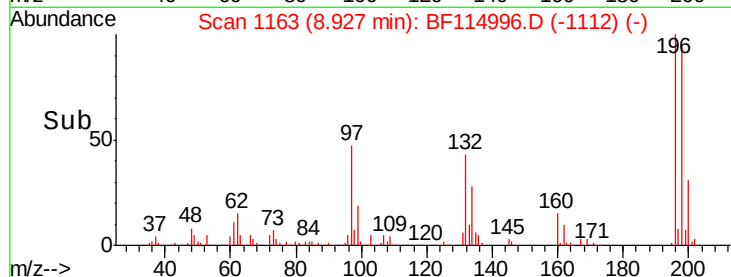
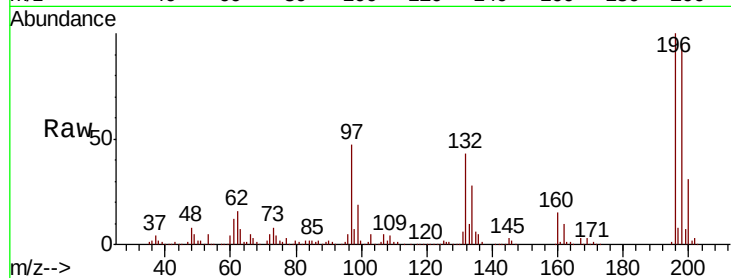
#43
 2,4,6-Trichlorophenol
 Concen: 35.871 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	416849		
198	95.4	75.8	113.8	
200	30.8	24.9	37.3	

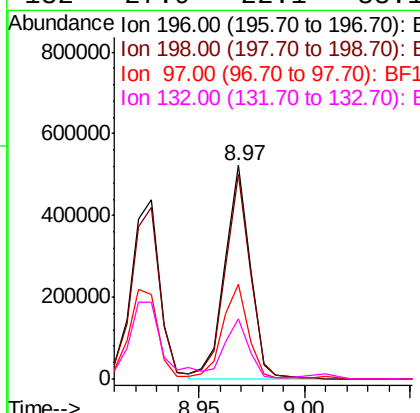
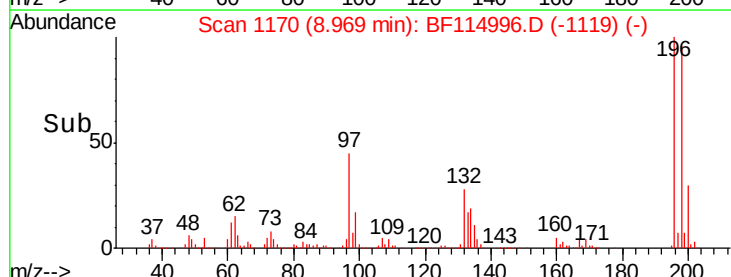
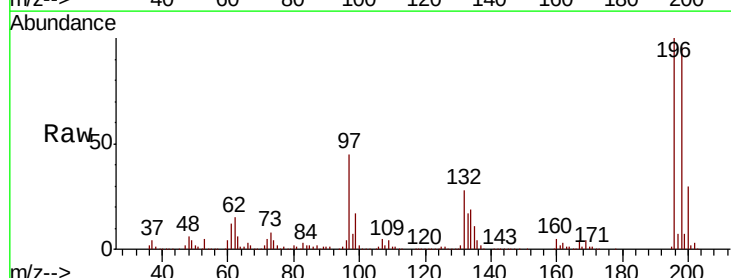
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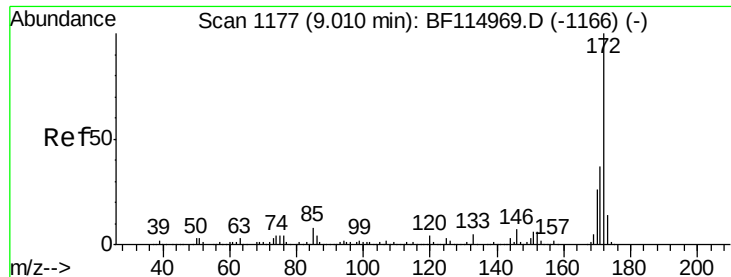
mohammad
 6/14/2019 8:47:13 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.726 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	431316		
198	95.7	77.3	115.9	
97	44.5	34.2	51.4	
132	27.9	22.1	33.1	





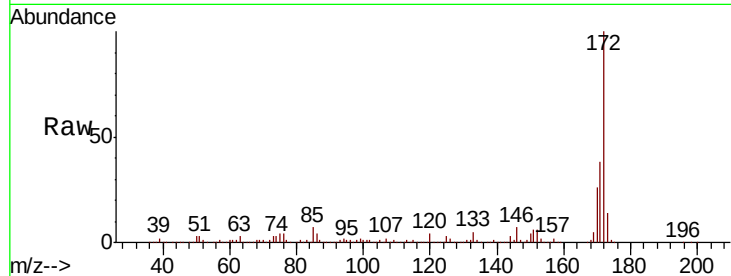
#45
2-Fluorobiphenyl
Concen: 79.806 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.7	20.6	31.0

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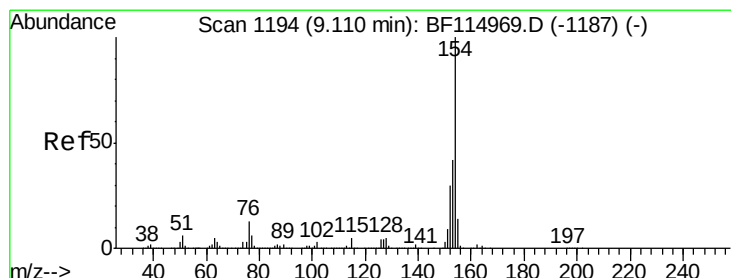
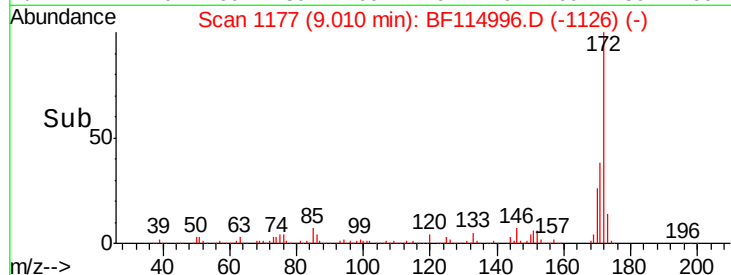
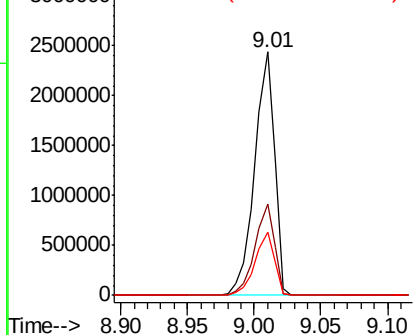


Abundance

Ion 172.00 (171.70 to 172.70): E

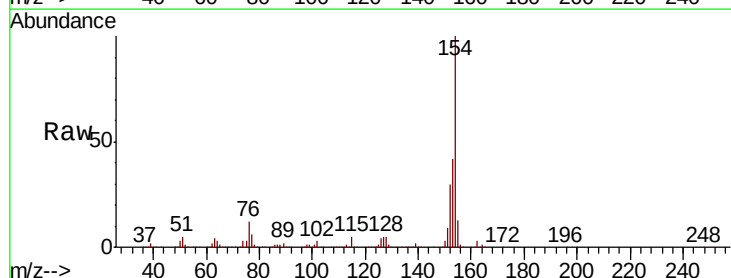
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 35.987 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.4	62.4
76	11.7	0.0	33.3

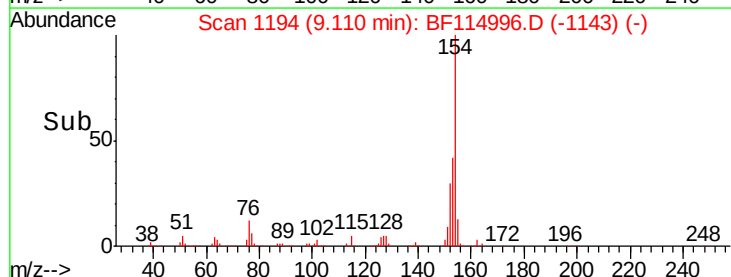
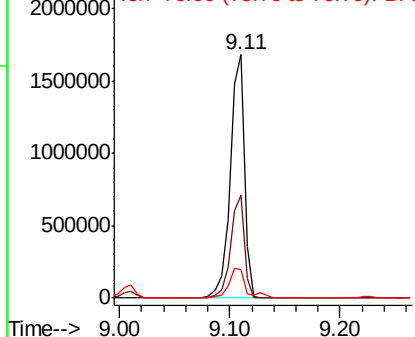


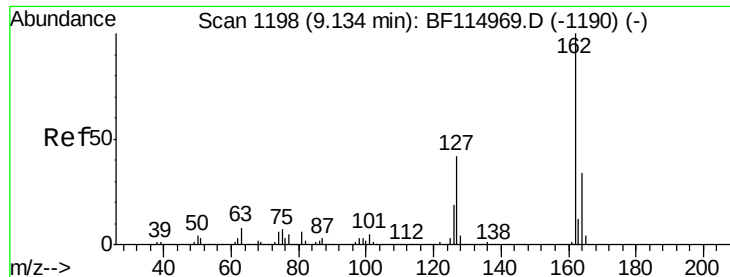
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





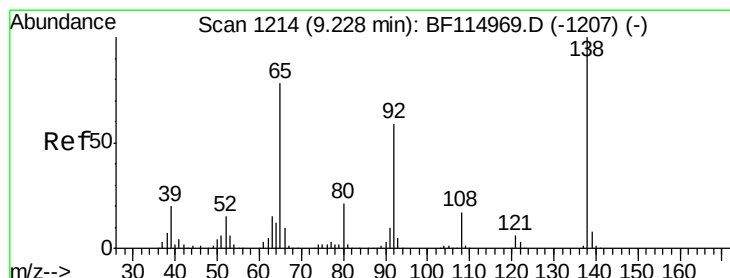
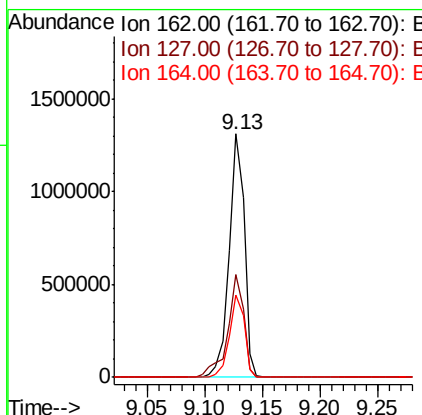
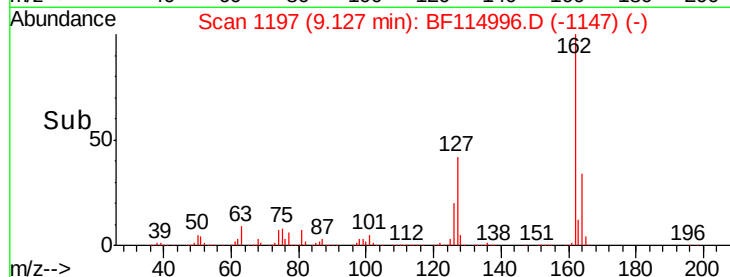
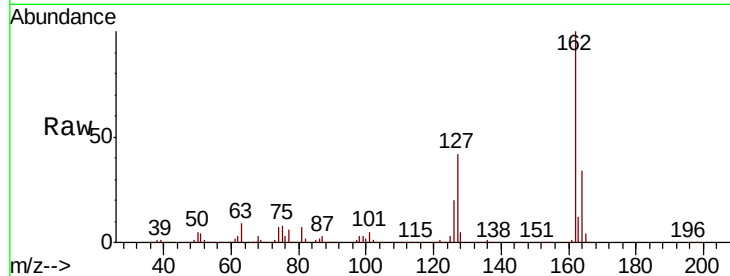
#47
 2-Chloronaphthalene
 Concen: 34.988 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.4	50.2
164	33.8	27.2	40.8

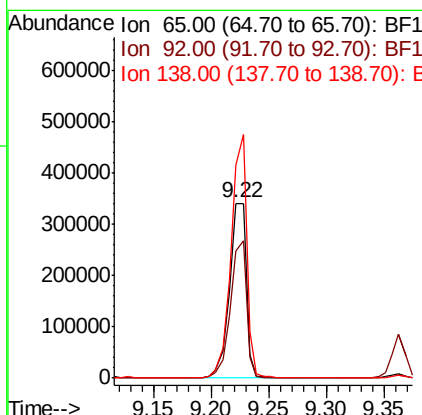
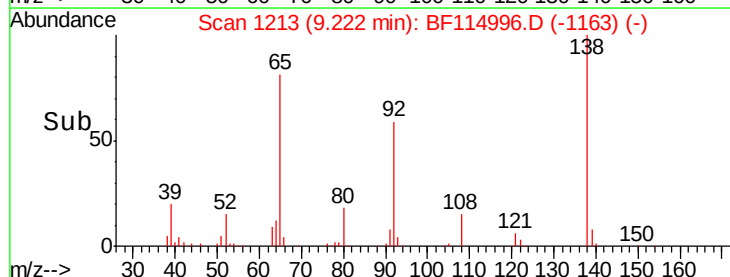
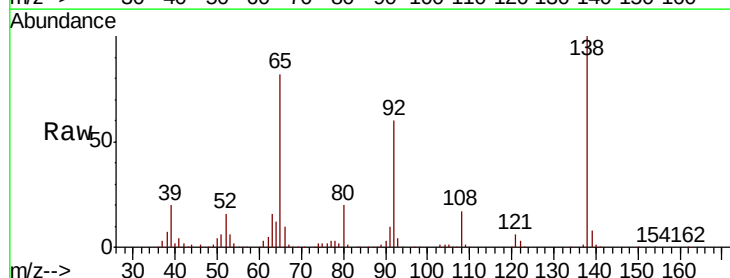
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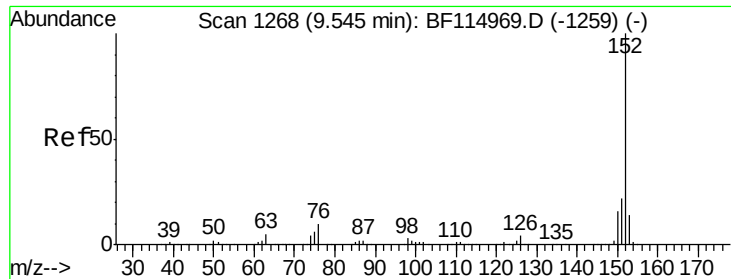
mohammad
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#48
 2-Nitroaniline
 Concen: 34.347 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	60.5	90.7
138	121.8	102.0	153.0





#49

Acenaphthylene

Concen: 34.930 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Instrument :

BNA_F

ClientSampleId :

200030-200034MSD

Tot Ion:152 Resp: 1832788

Ion Ratio Lower Upper

152 100

151 21.2 17.5 26.3

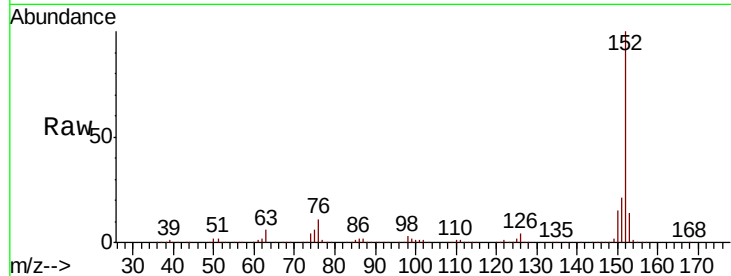
153 14.0 11.2 16.8

Manual Integrations

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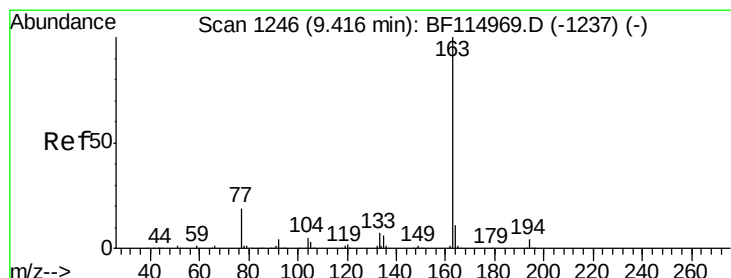
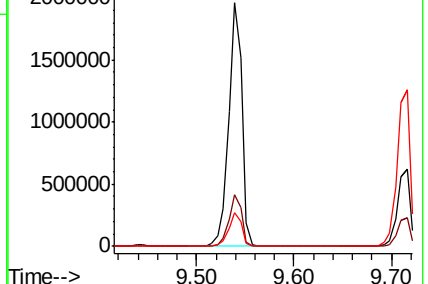
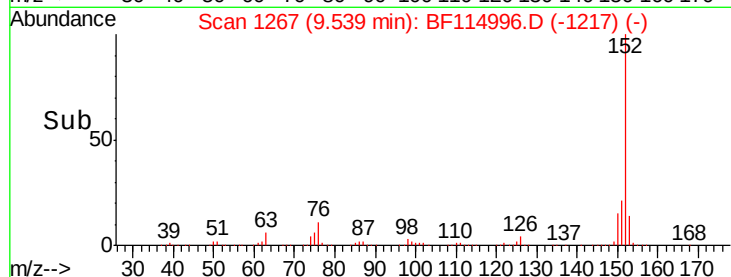
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.068 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

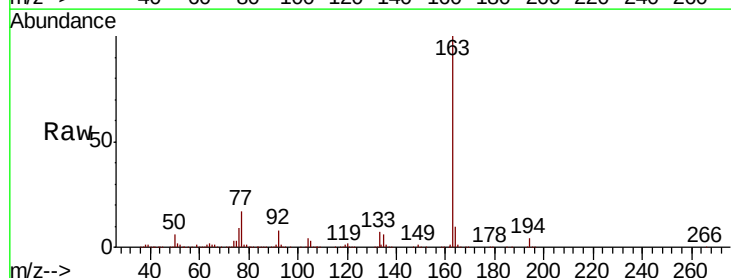
Tgt Ion:163 Resp: 1705695

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

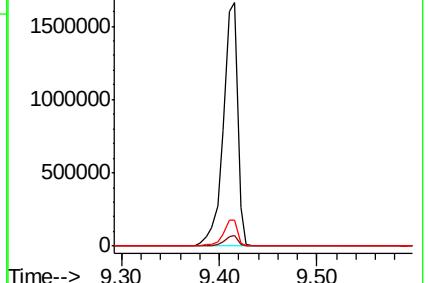
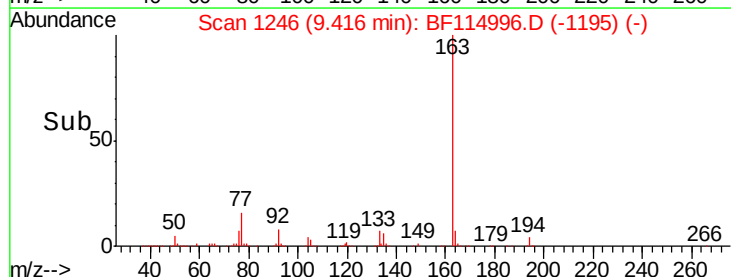
164 10.4 8.6 12.8

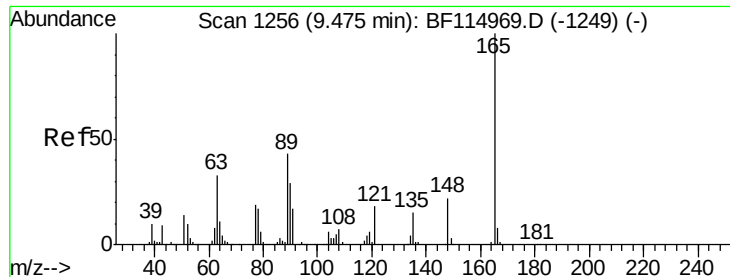


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





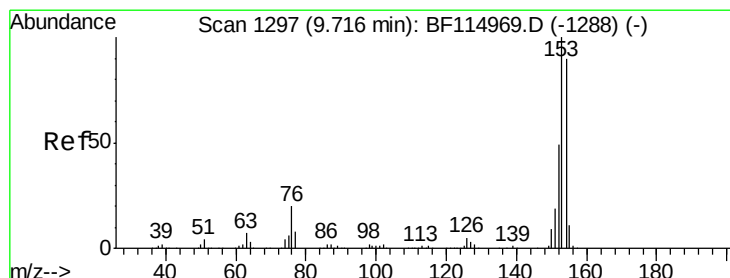
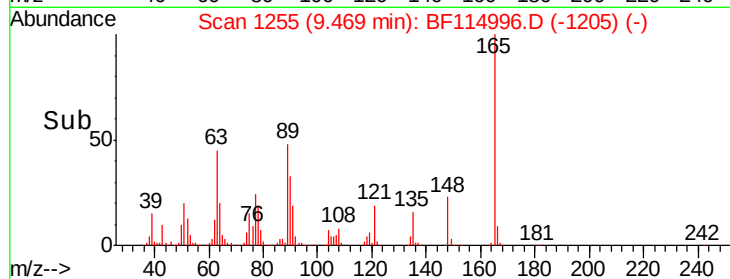
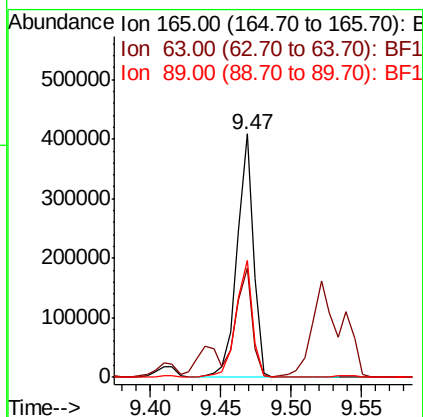
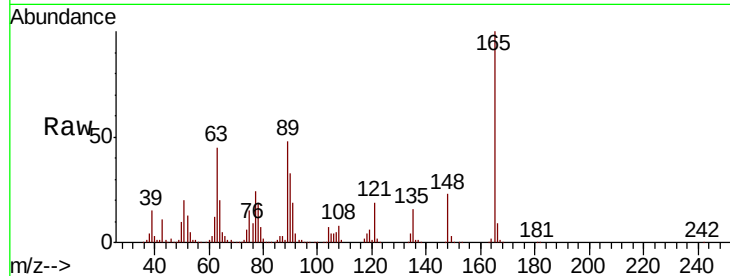
#51
2,6-Dinitrotoluene
Concen: 36.774 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	330373		
63	44.9	30.6	46.0	
89	48.2	34.4	51.6	

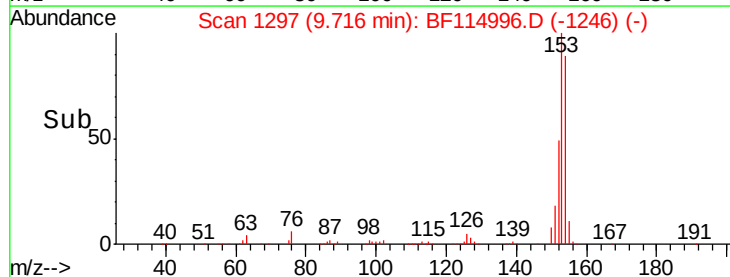
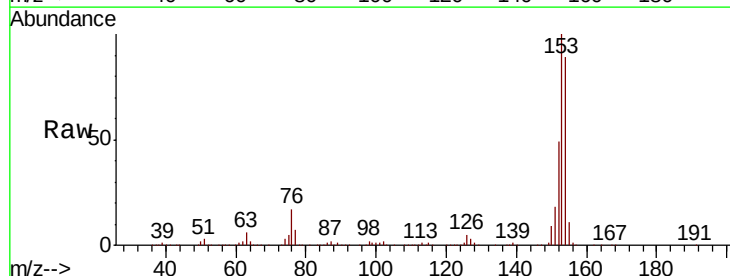
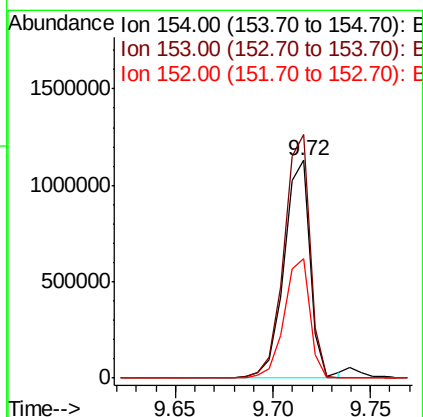
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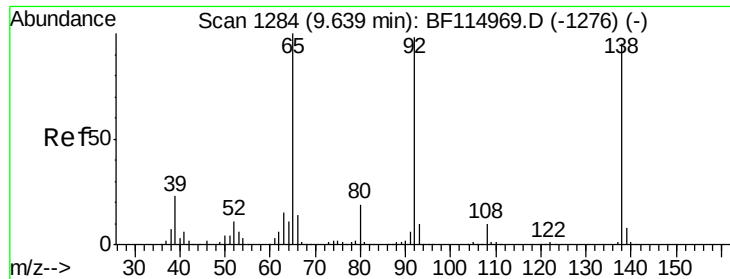
mohammad
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#52
Acenaphthene
Concen: 35.028 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1051506		
153	112.0	88.5	132.7	
152	54.7	43.6	65.4	





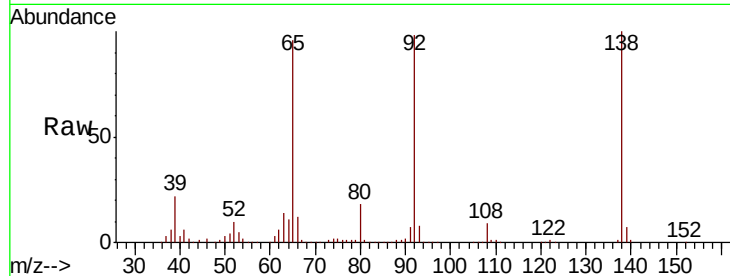
#53
3-Nitroaniline
Concen: 22.441 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

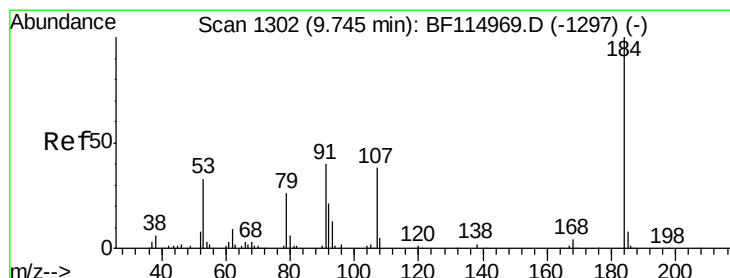
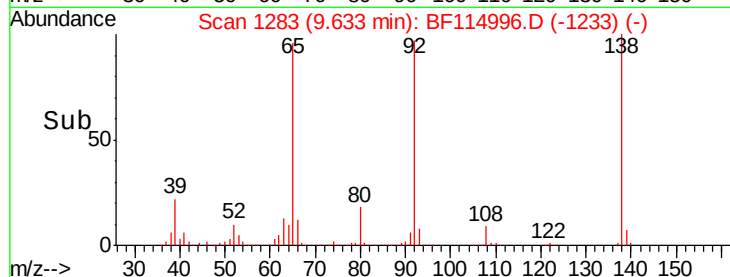
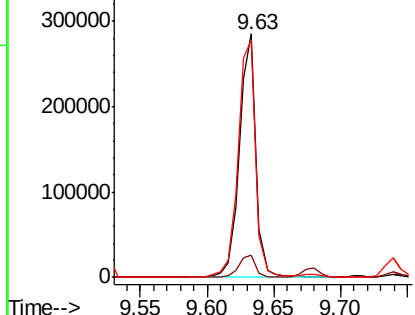
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.0	12.0
92	97.5	82.4	123.6

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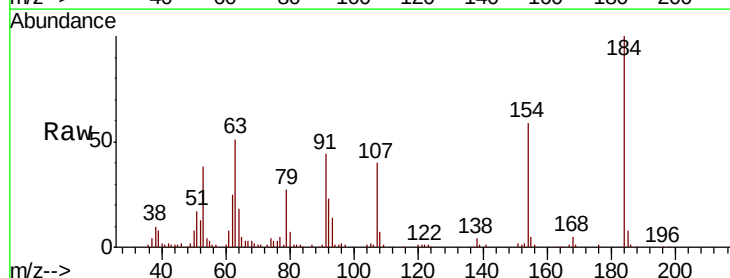


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

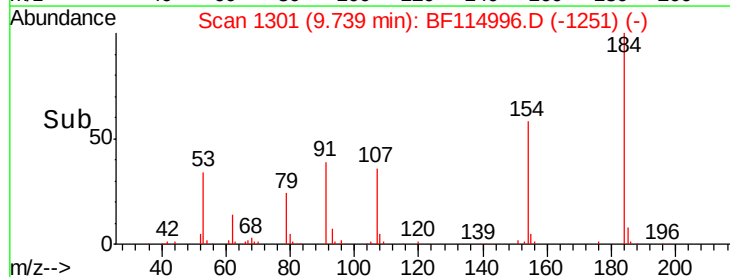
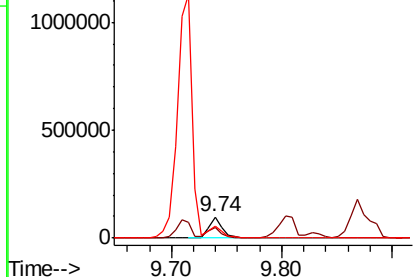


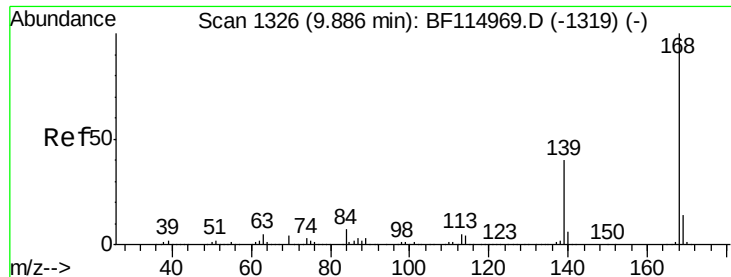
#54
2,4-Dinitrophenol
Concen: 19.600 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.3	40.5	60.7
154	59.3	44.8	67.2



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





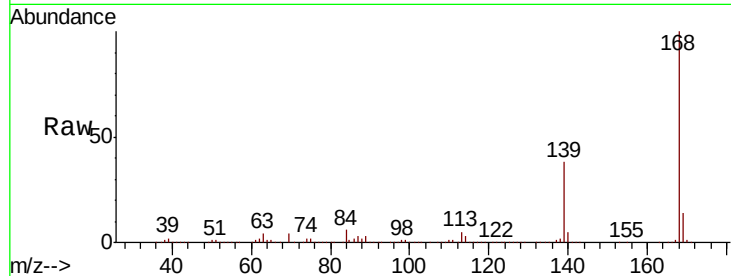
#55
Dibenzenofuran
Concen: 34.402 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

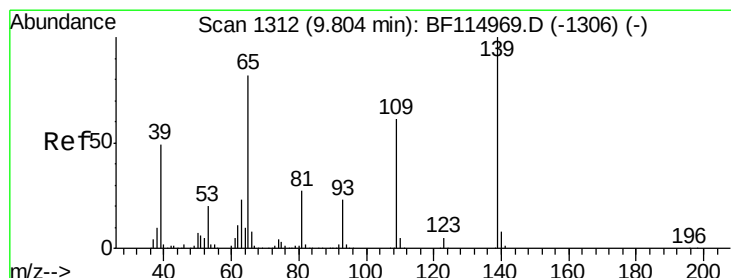
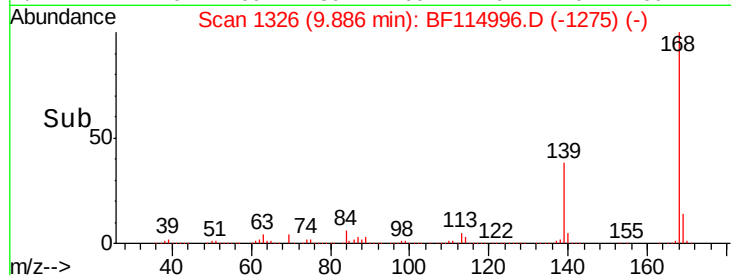
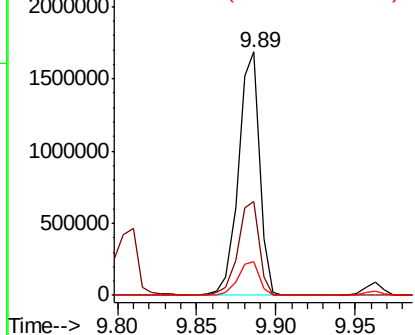
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	32.5	48.7
169	13.7	11.5	17.3

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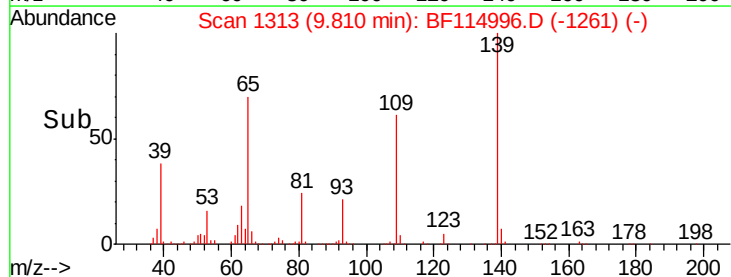
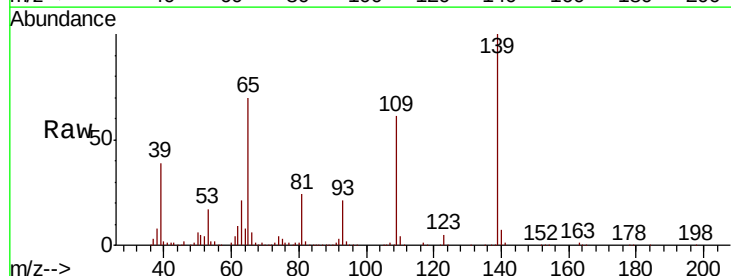
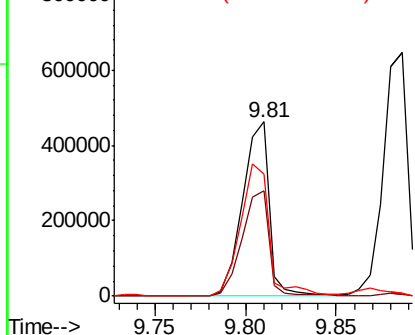
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

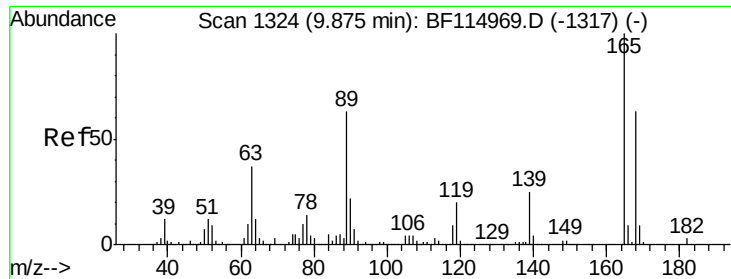


#56
4-Nitrophenol
Concen: 62.346 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.7	41.4	81.4
65	70.2	62.7	102.7

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





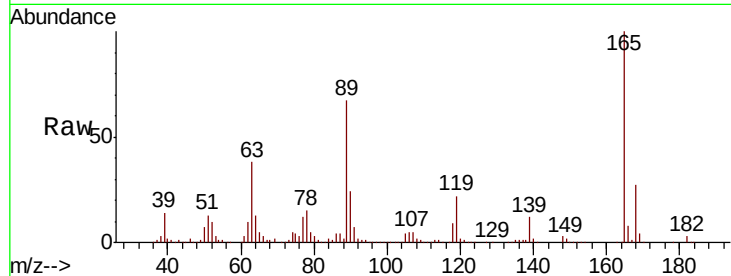
#57
2,4-Dinitrotoluene
Concen: 35.331 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.2	29.4	44.2	
89	67.0	50.6	75.8	
182	2.6	2.2	3.2	

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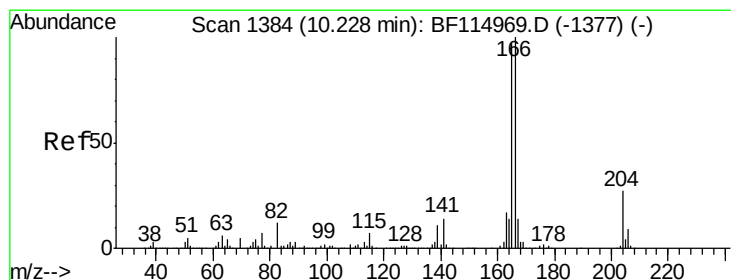
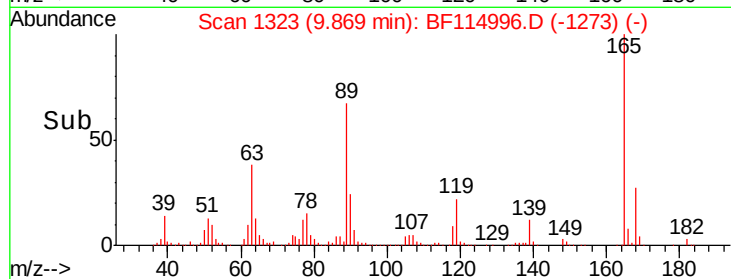
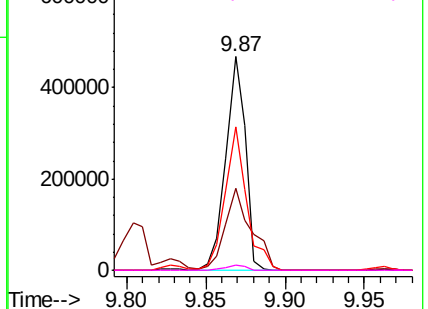
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

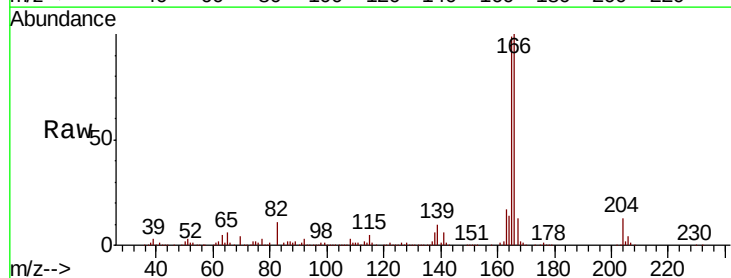
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 33.948 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.8	77.6	116.4	
167	13.4	11.0	16.4	

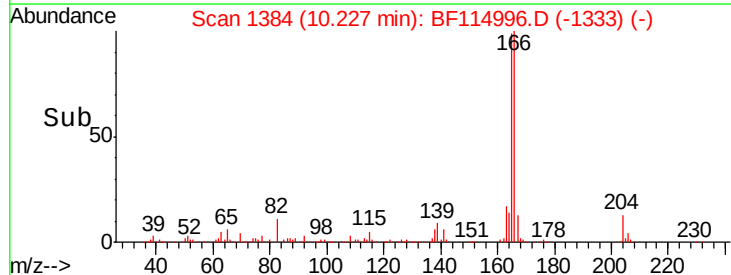
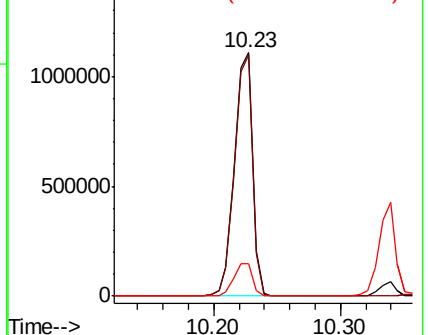


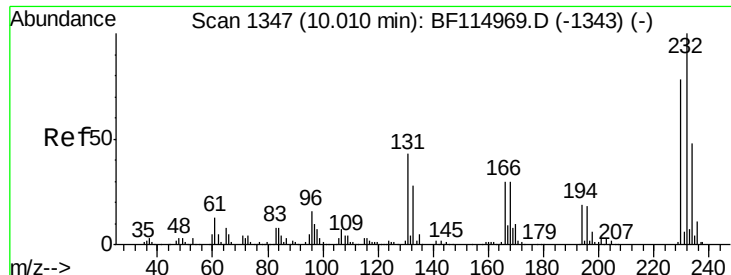
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





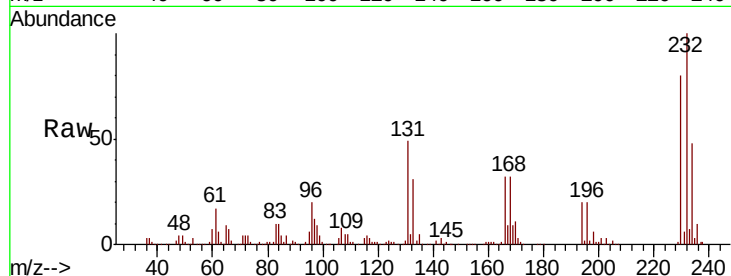
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.998 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	322516		
131	45.8		36.9	55.3
130	2.1		1.8	2.6
166	31.0		24.8	37.2

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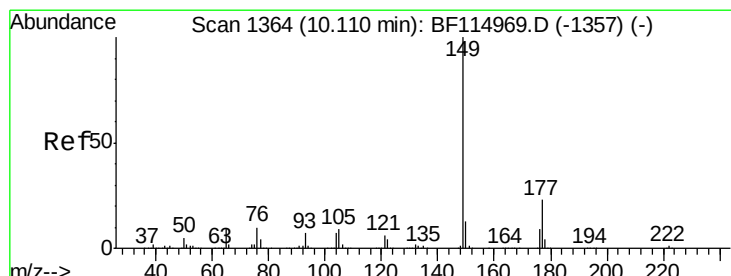
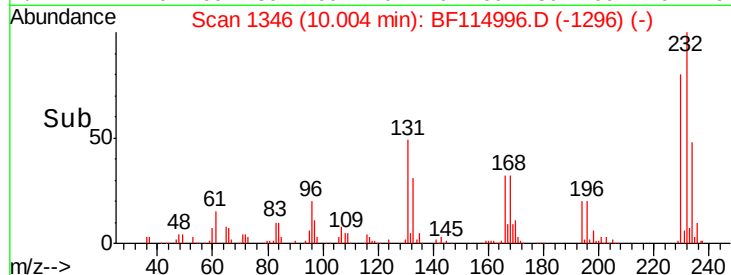
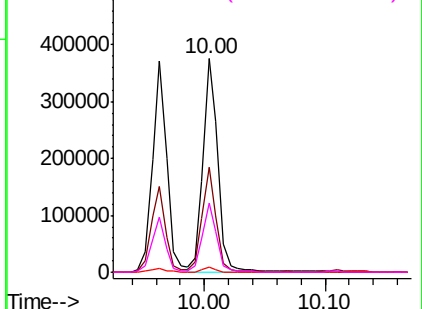
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 35.893 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

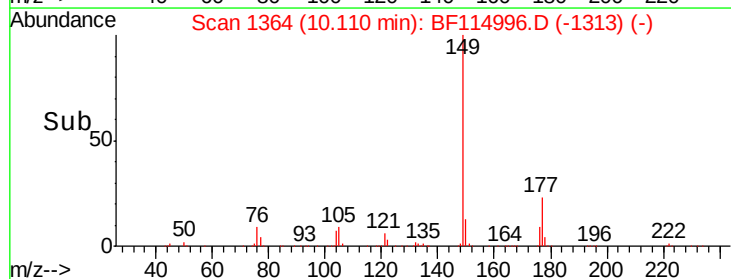
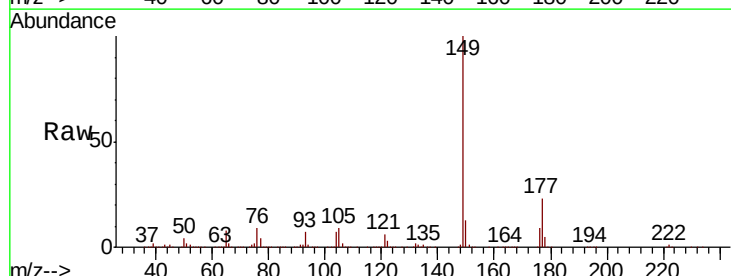
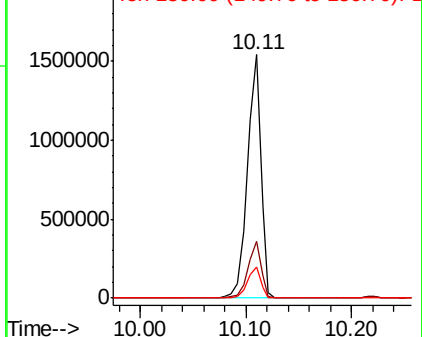
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1359245		
177	23.4		18.6	27.8
150	12.9		10.5	15.7

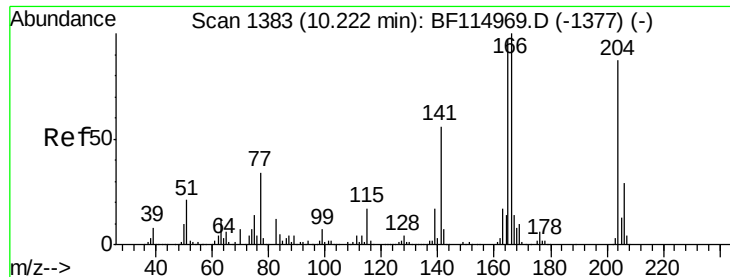
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





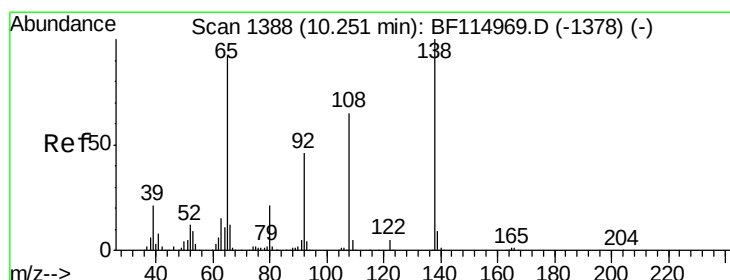
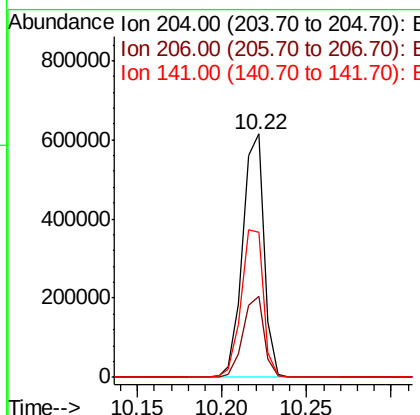
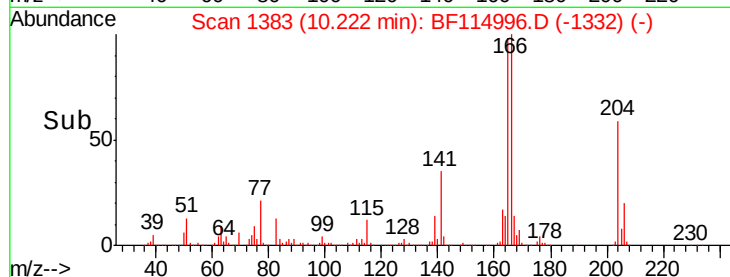
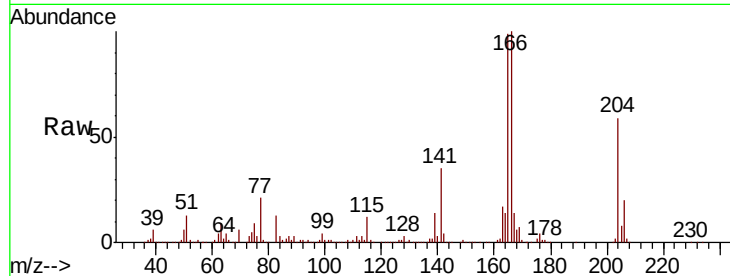
#61
4-Chlorophenyl-phenylether
Concen: 34.696 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	59.7	51.8	77.8

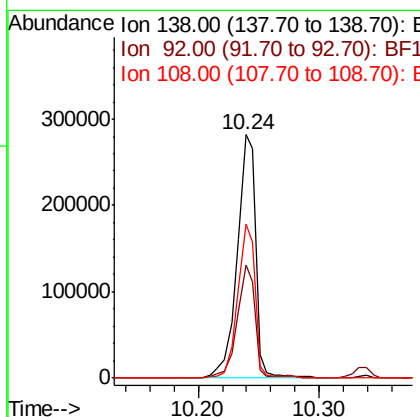
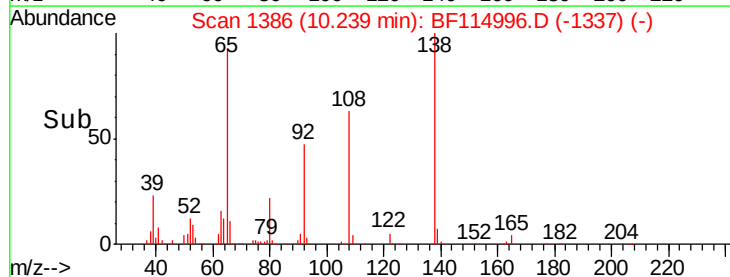
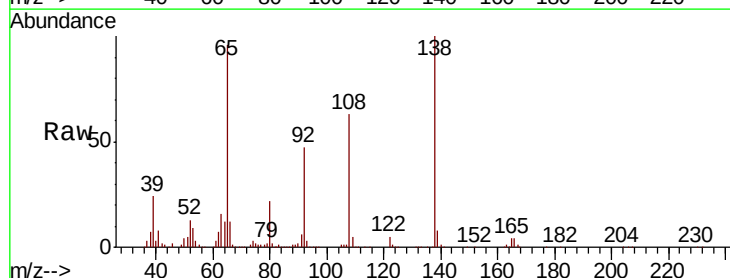
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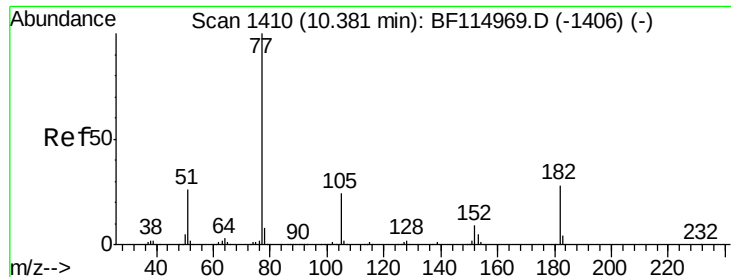
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#62
4-Nitroaniline
Concen: 27.442 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	25.7	65.7
108	63.4	44.6	84.6





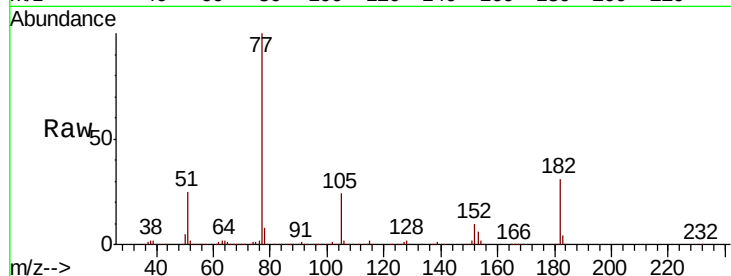
#63
Azobenzene
Concen: 34.107 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

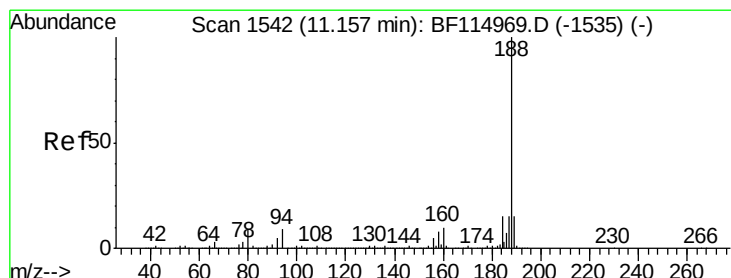
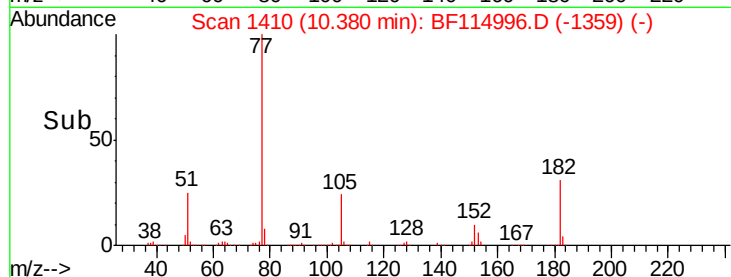
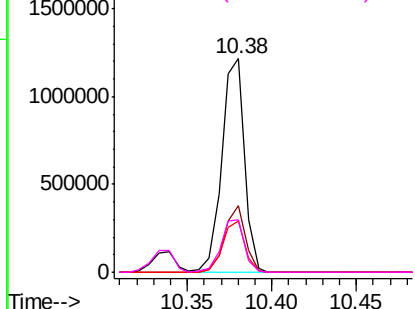
Tot Ion	Ratio	Lower	Upper
77	100		
182	31.0	7.4	47.4
105	24.2	4.2	44.2
51	24.7	6.2	46.2

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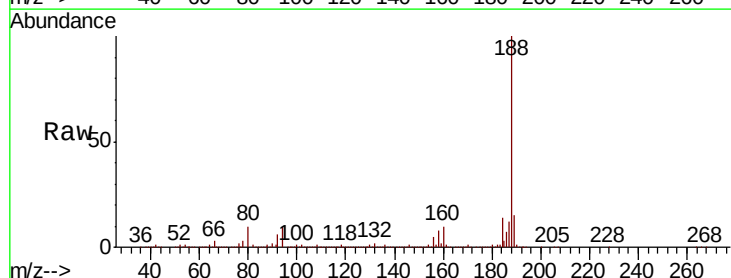


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

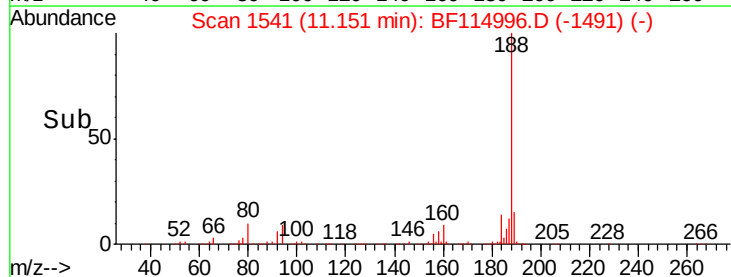
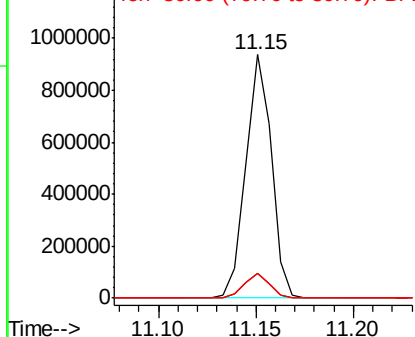


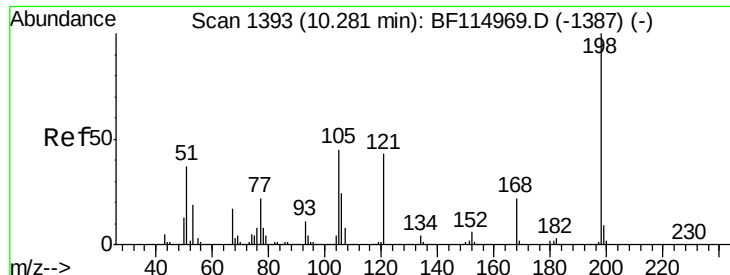
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.2	7.4	11.2



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





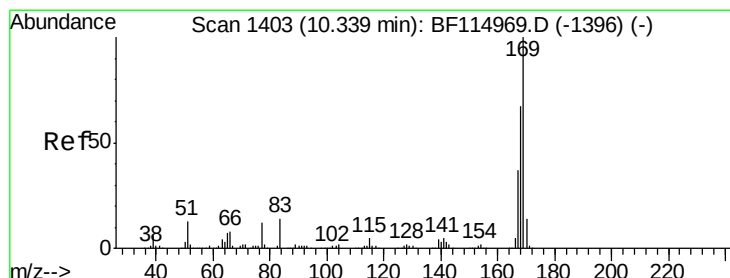
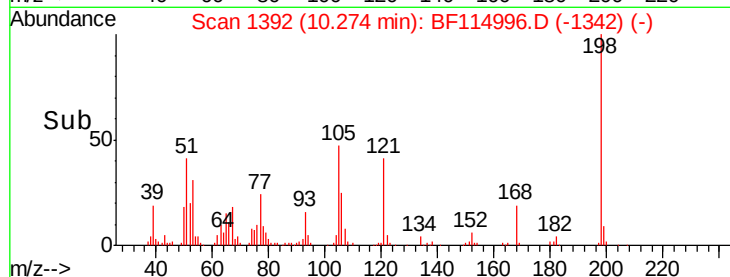
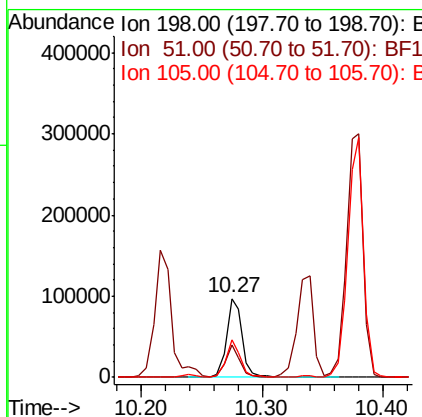
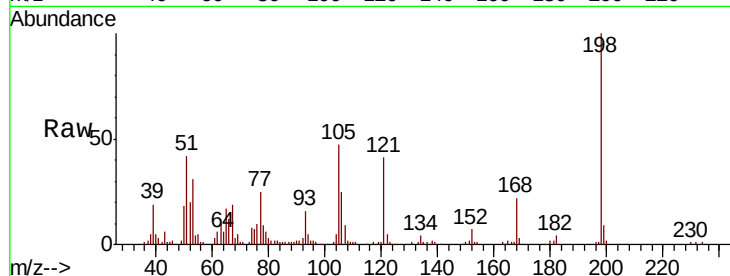
#65
4,6-Dinitro-2-methylphenol
Concen: 18.204 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.7	23.0	63.0
105	47.1	26.5	66.5

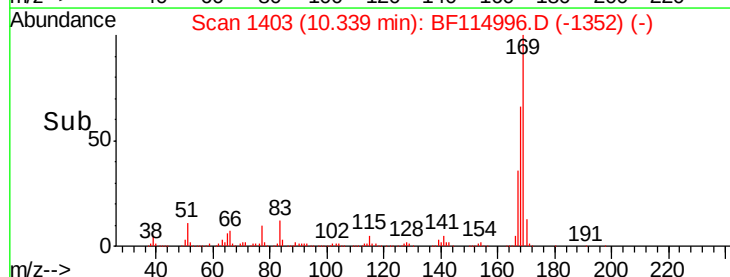
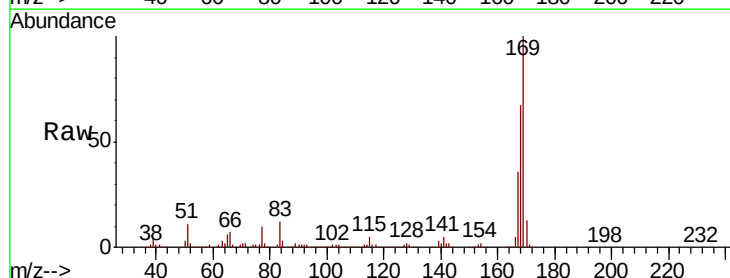
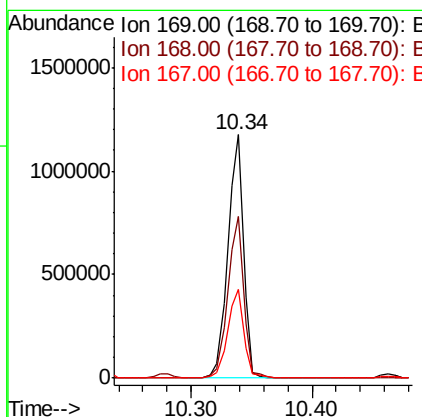
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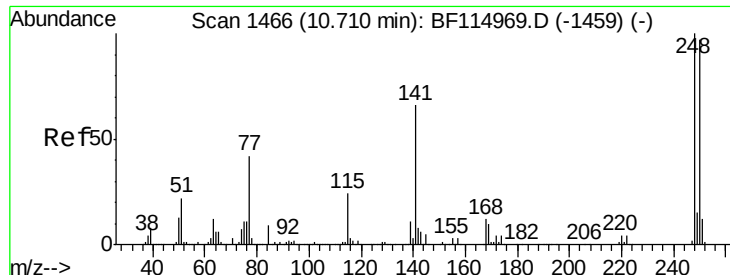
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#66
n-Nitrosodiphenylamine
Concen: 41.384 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.6	80.4
167	36.3	29.6	44.4





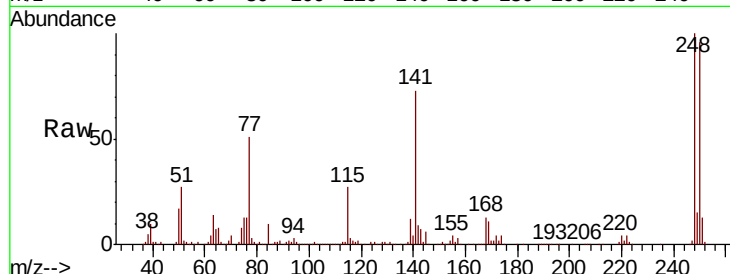
#67
 4-Bromophenyl-phenylether
 Concen: 37.893 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.8	116.8
141	72.6	53.1	79.7

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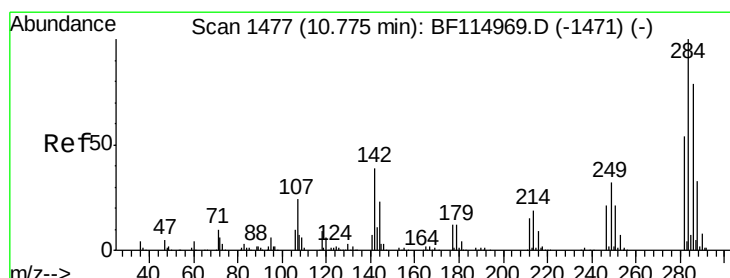
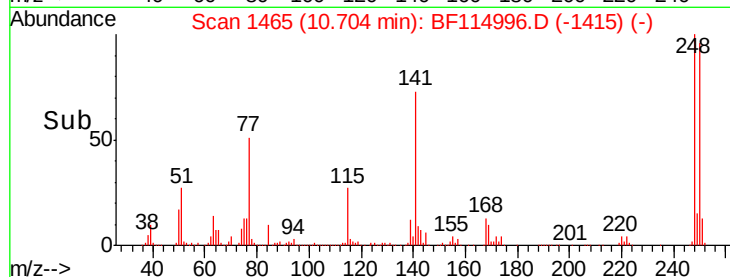
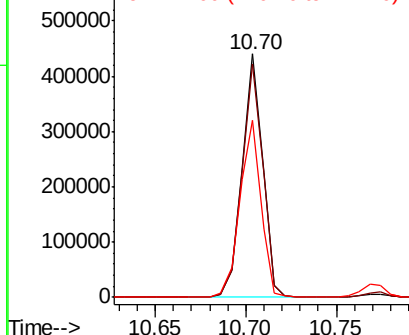


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 35.574 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

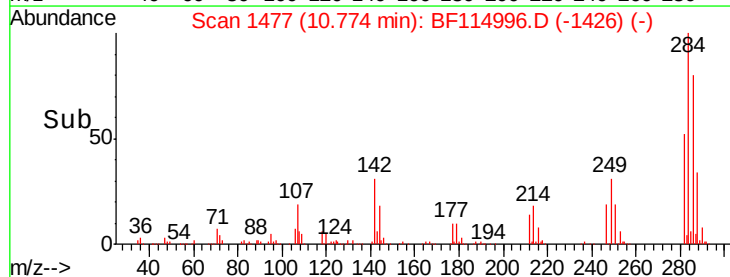
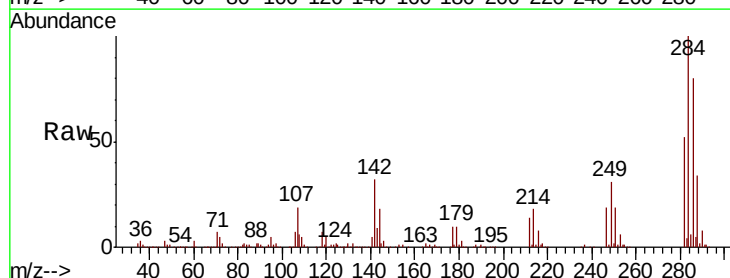
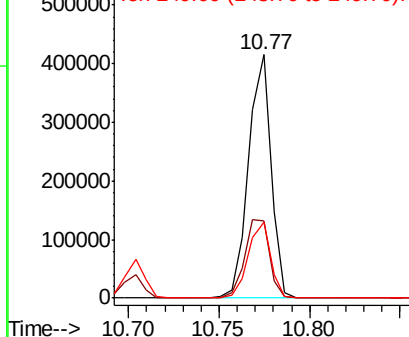
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	31.5	47.3
249	31.0	25.6	38.4

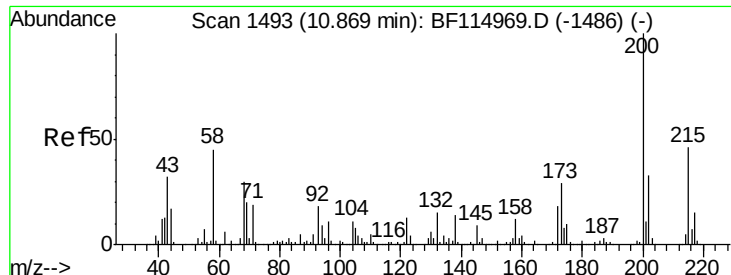
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





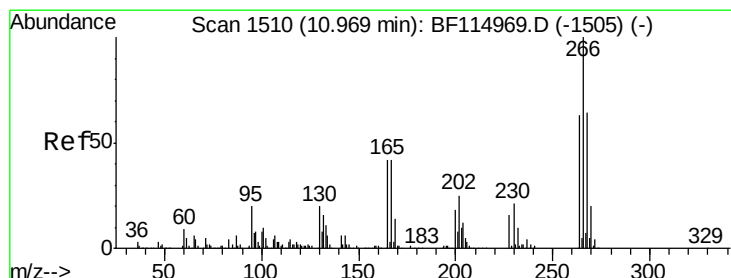
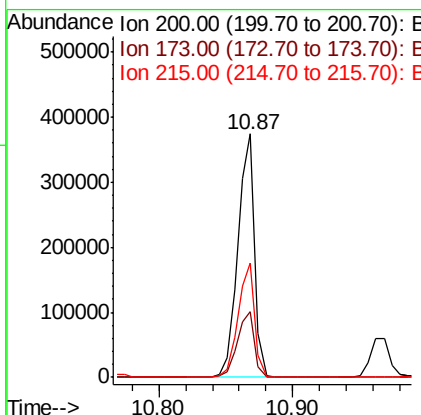
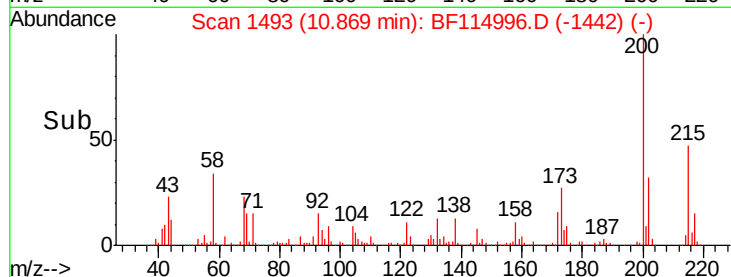
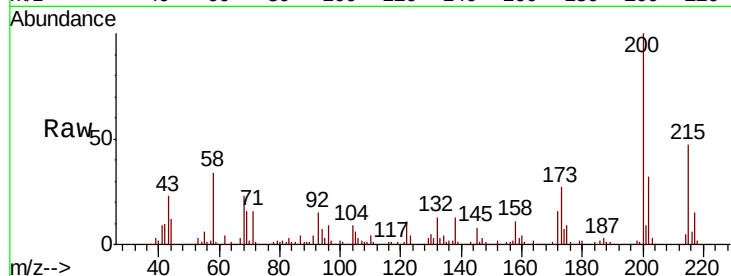
#69
Atrazine
Concen: 39.690 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	326534		
173	27.0	9.0	49.0	
215	47.1	26.5	66.5	

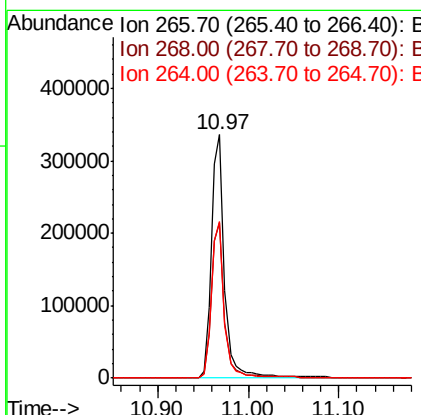
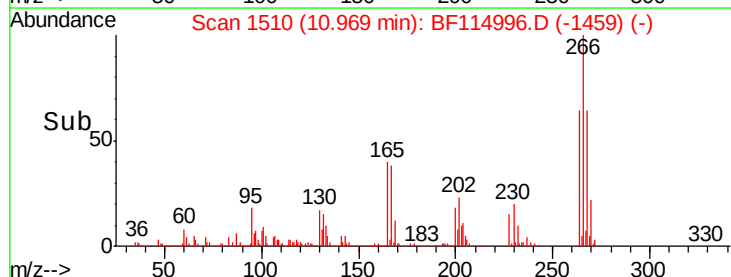
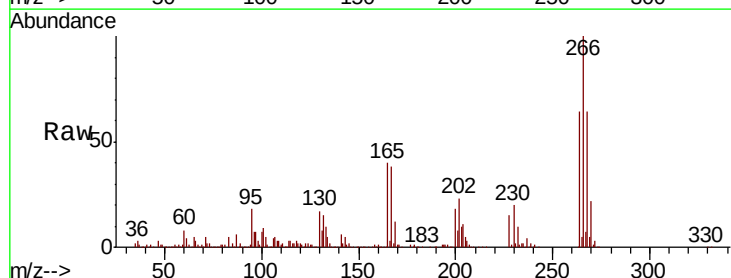
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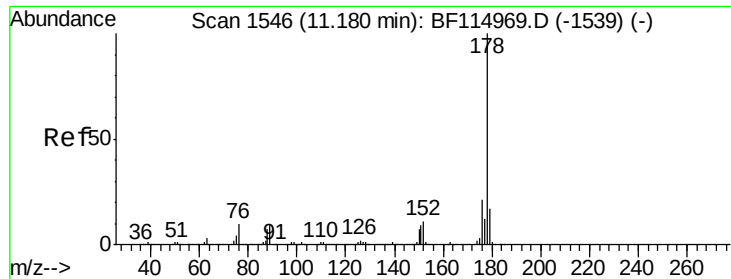
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#70
Pentachlorophenol
Concen: 62.902 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	344708		
268	63.8	51.4	77.2	
264	64.2	50.3	75.5	





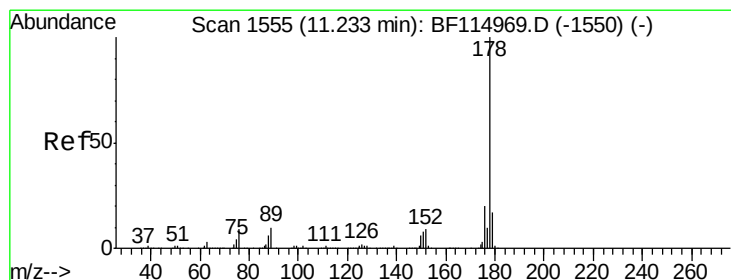
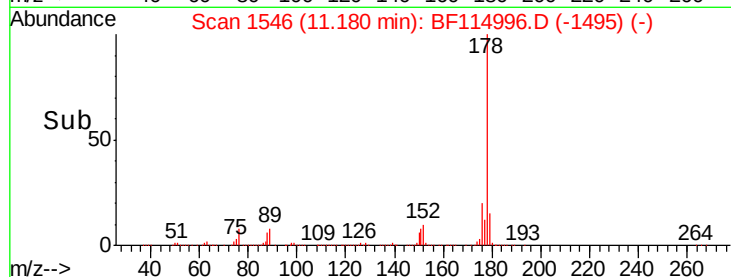
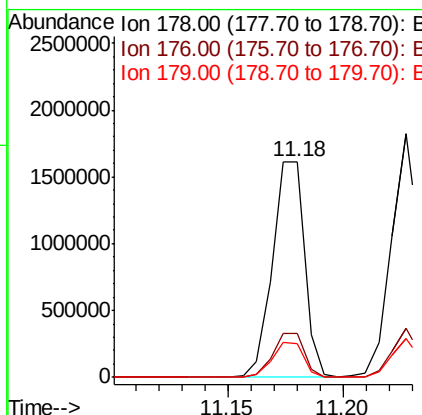
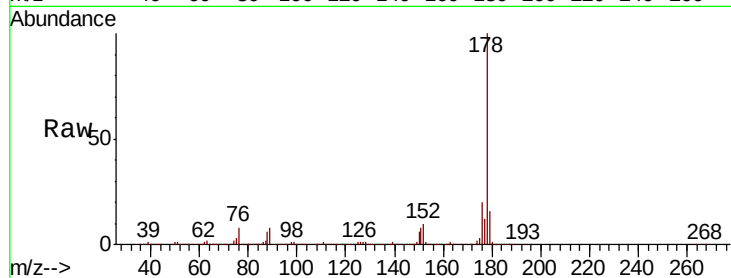
#71
Phenanthrene
Concen: 35.328 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.9	25.3
179	15.6	13.4	20.0

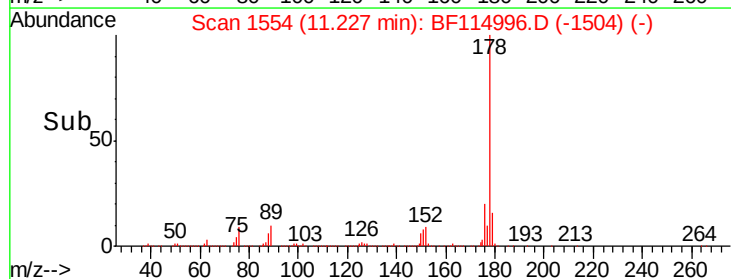
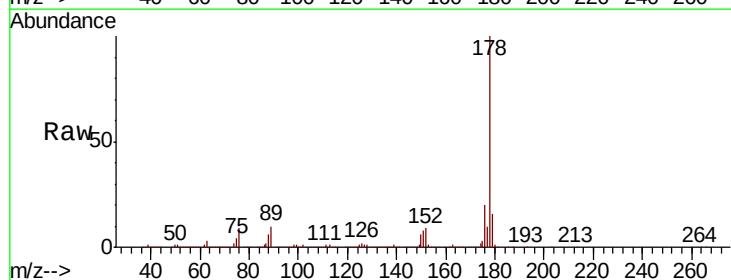
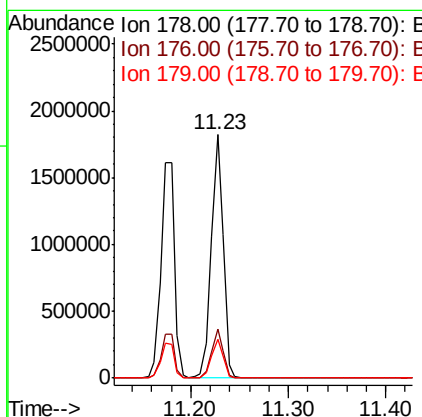
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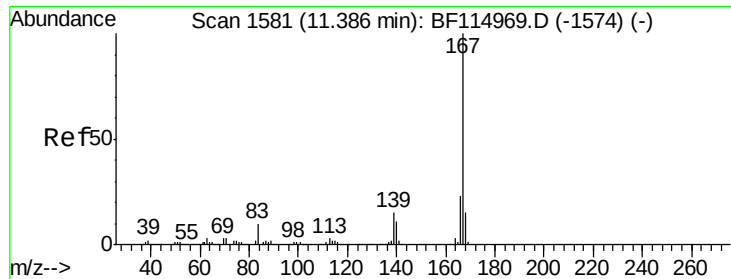
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#72
Anthracene
Concen: 34.862 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.1	13.2	19.8





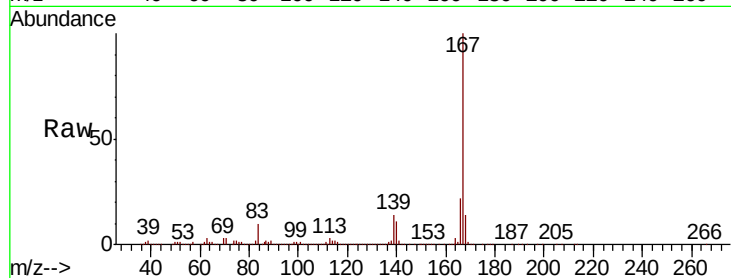
#73
 Carbazole
 Concen: 35.232 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.5	27.7
139	14.2	12.0	18.0

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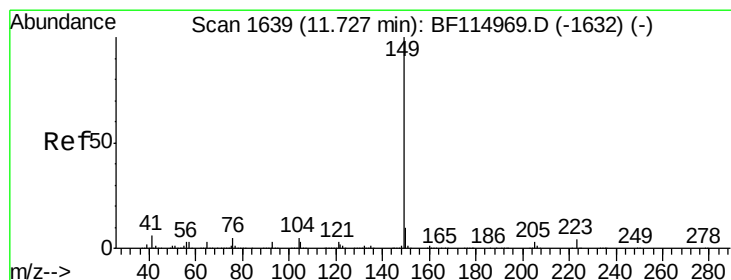
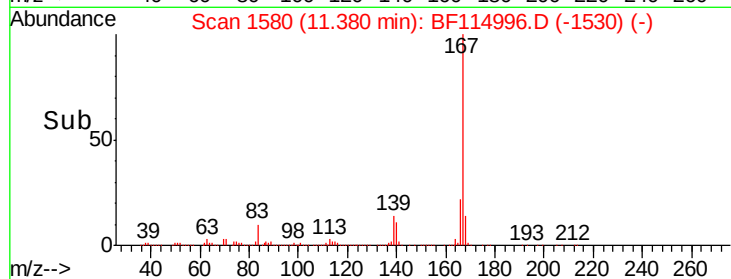
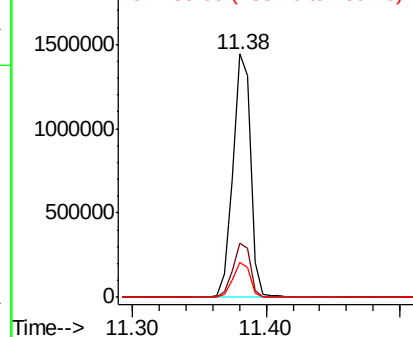


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 35.314 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF114996.D
 Acq: 13 Jun 2019 12:04

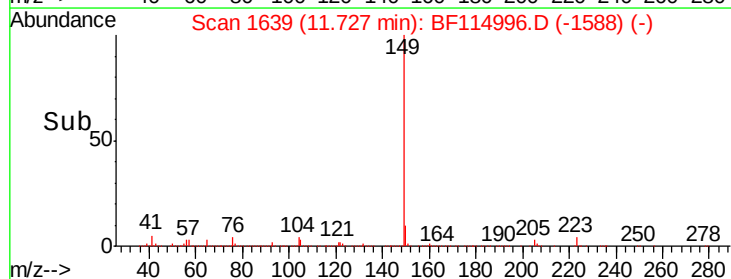
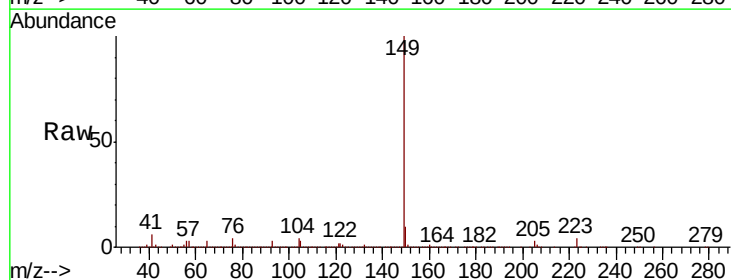
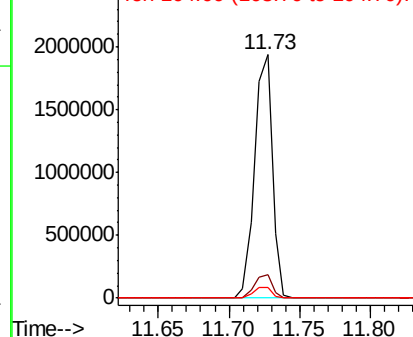
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.4	4.0	6.0

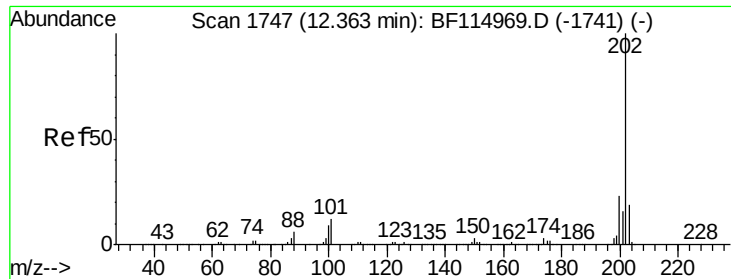
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 31.789 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Instrument :

BNA_F

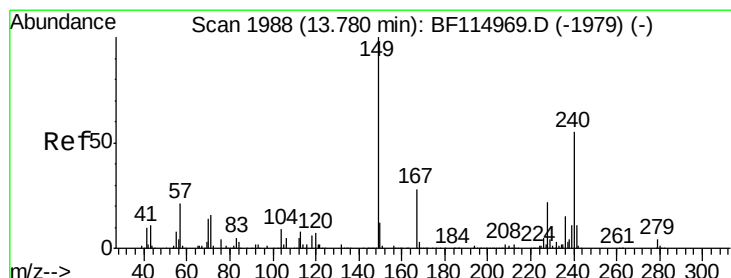
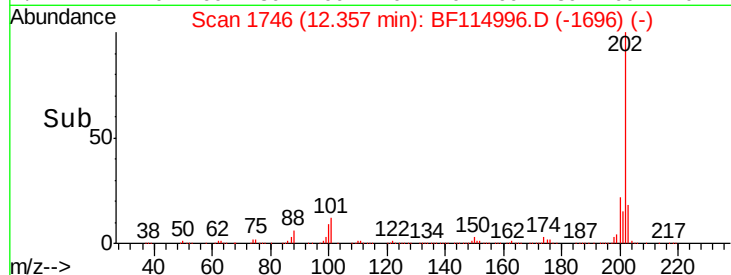
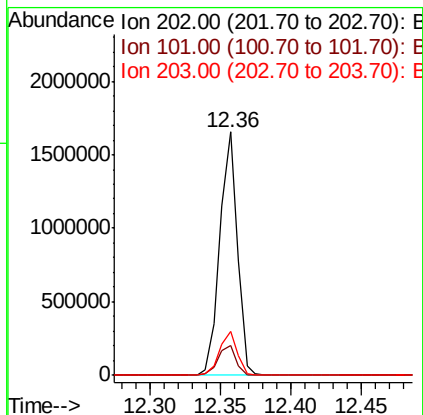
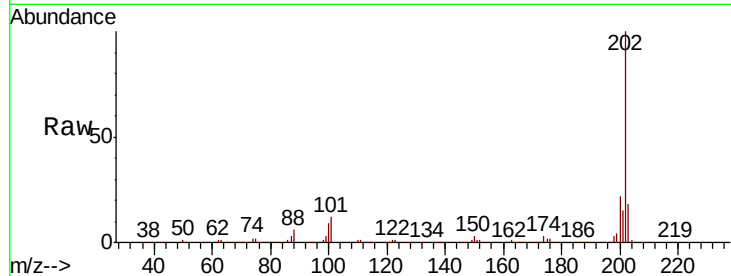
ClientSampleId :

200030-200034MSD

Tot Ion:	202	Resp:	1432717
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.4
203	18.2	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

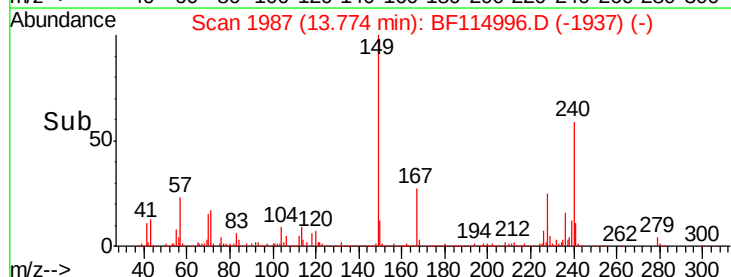
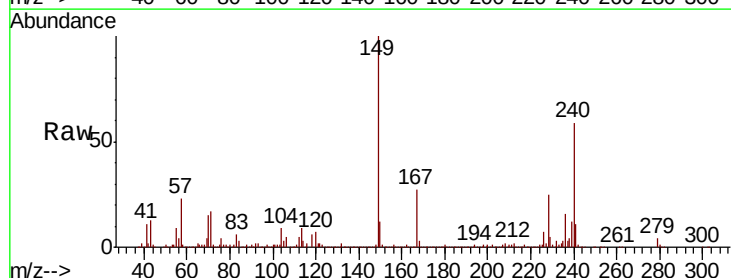
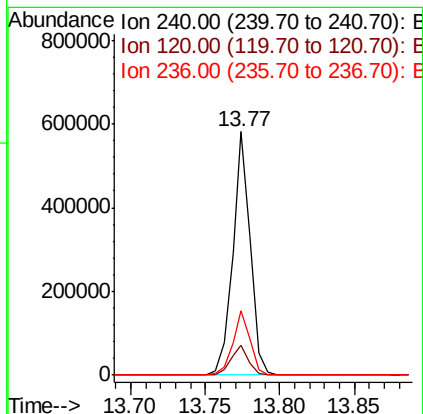
RT: 13.77 min Scan# 1987

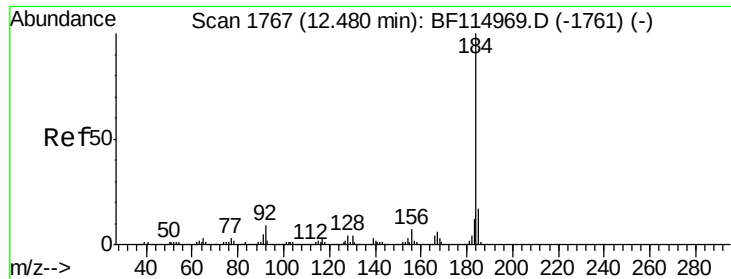
Delta R.T. -0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Tgt Ion:	240	Resp:	479295
Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.0	15.0
236	26.7	21.6	32.4





#77

Benzidine

Concen: 10.414 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Instrument :

BNA_F

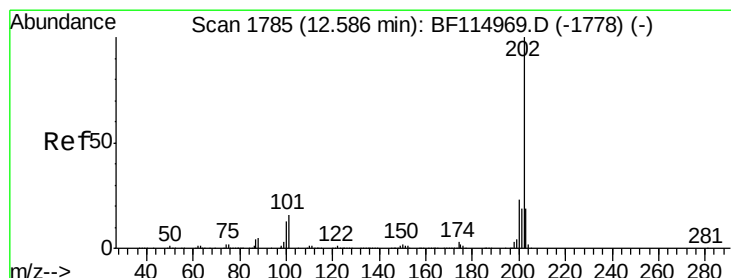
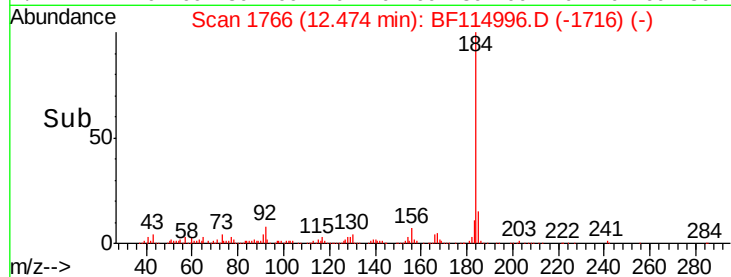
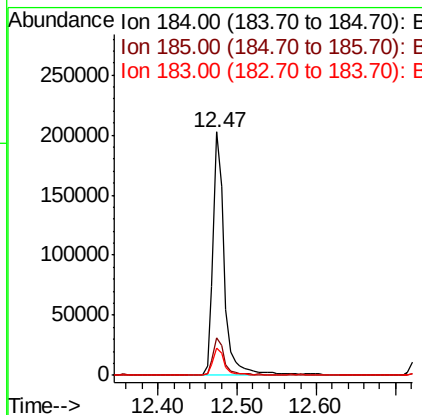
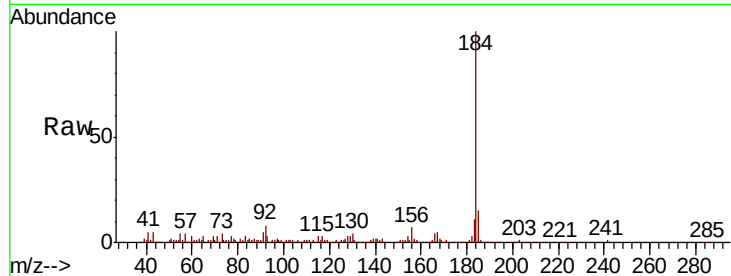
ClientSampleId :

200030-200034MSD

Tot Ion:	184	Resp:	201889
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.4	20.0
183	11.0	9.8	14.6

Manual Integrations
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#78

Pyrene

Concen: 32.556 ng

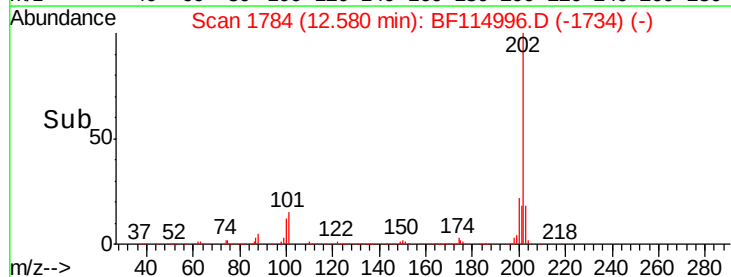
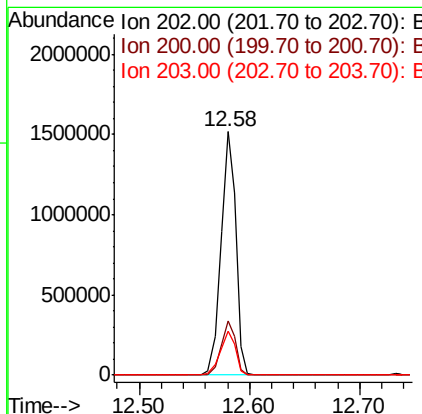
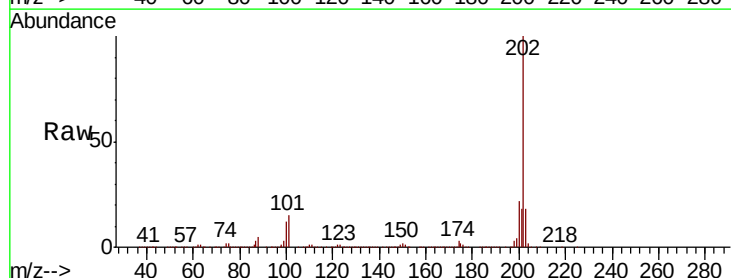
RT: 12.58 min Scan# 1784

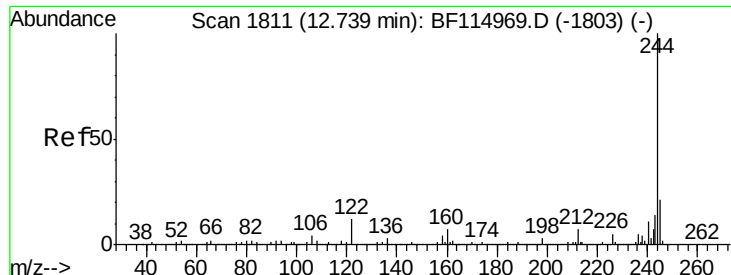
Delta R.T. -0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Tgt Ion:	202	Resp:	1421495
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.4	27.6
203	18.1	14.9	22.3





#79

Terphenyl-d14

Concen: 73.395 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Instrument :

BNA_F

ClientSampleId :

200030-200034MSD

Tot Ion:244 Resp: 1870297

Ion Ratio Lower Upper

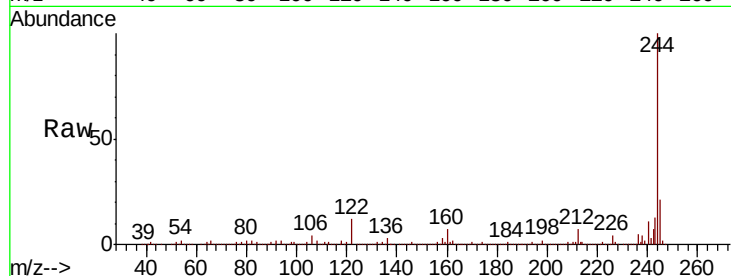
244 100

212 7.2 5.8 8.8

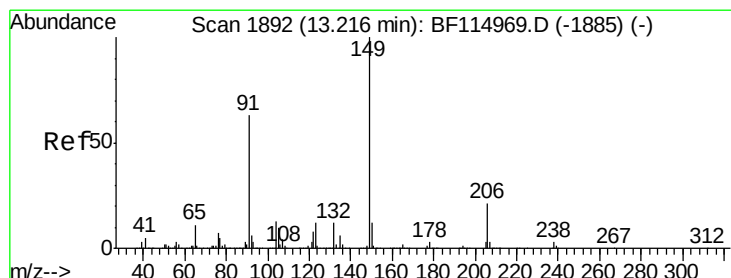
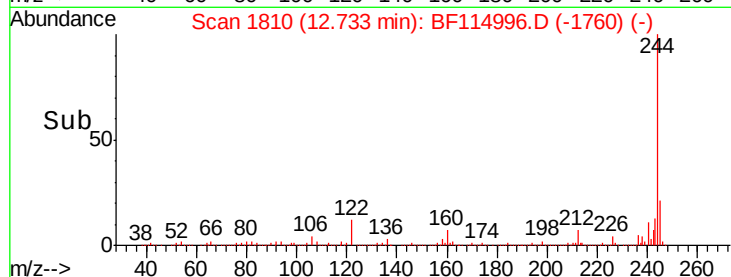
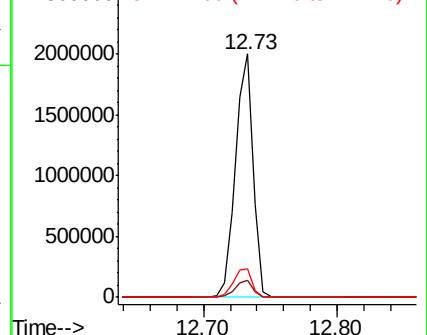
122 11.5 9.4 14.0

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 29.849 ng

RT: 13.21 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

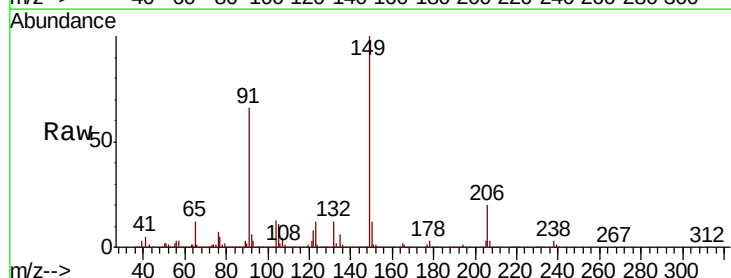
Tgt Ion:149 Resp: 608734

Ion Ratio Lower Upper

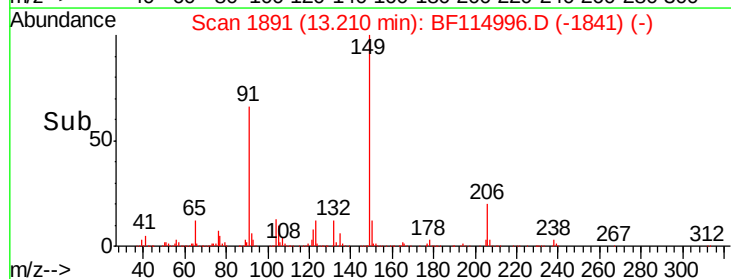
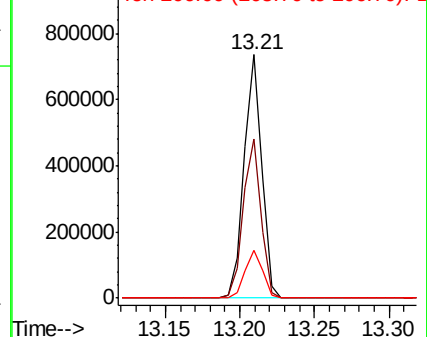
149 100

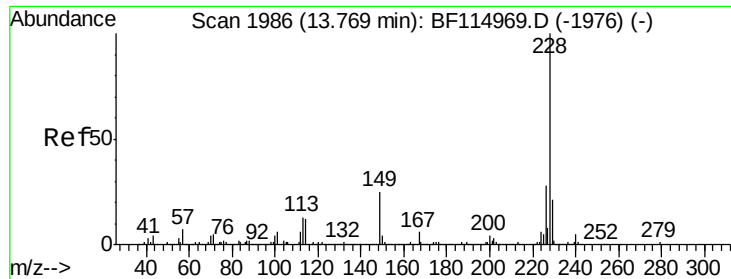
91 65.6 50.6 76.0

206 19.5 16.7 25.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





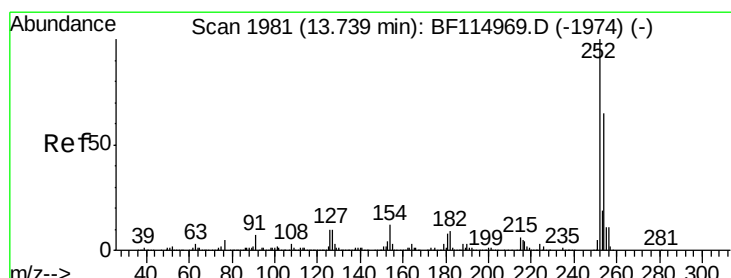
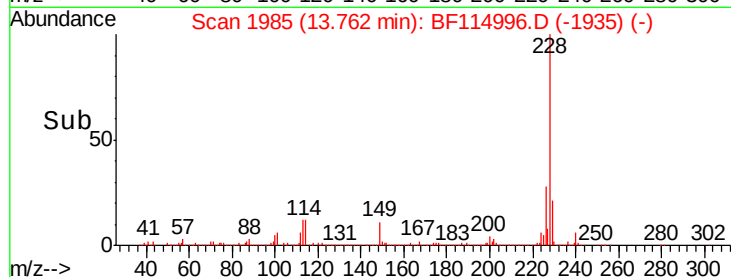
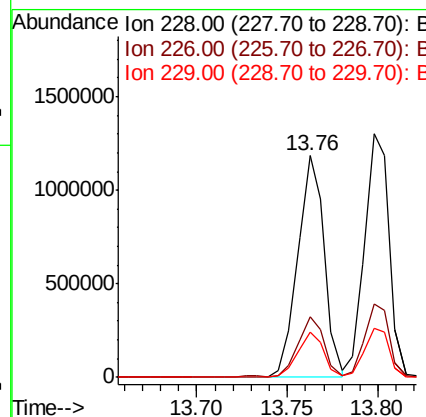
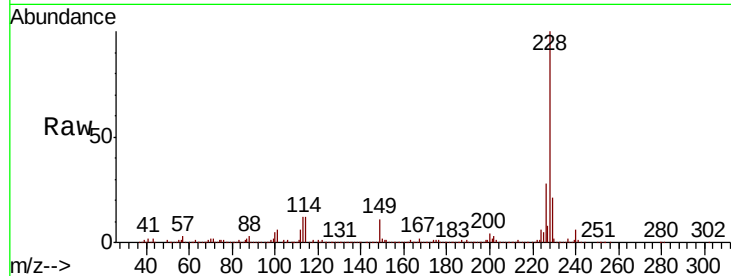
#81
Benzo(a)anthracene
Concen: 34.080 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	20.6	16.6	25.0

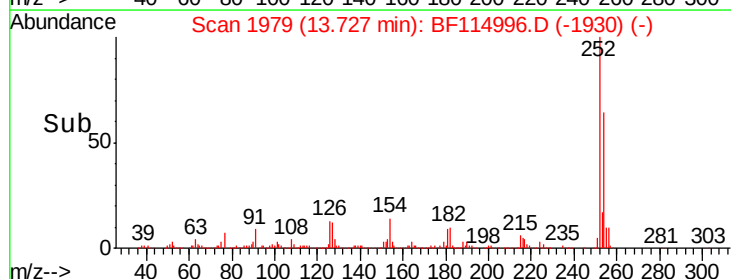
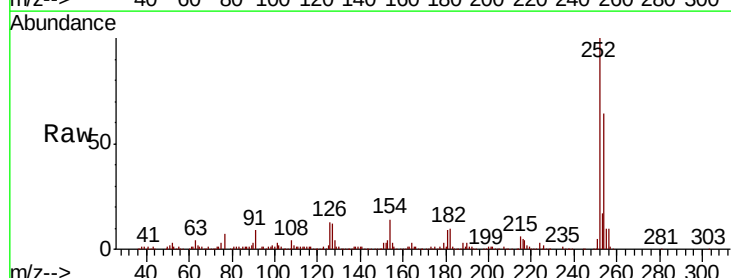
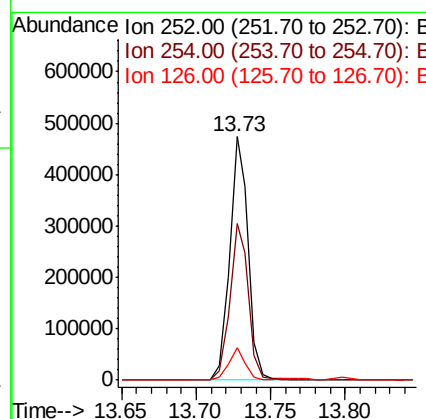
Manual Integrations
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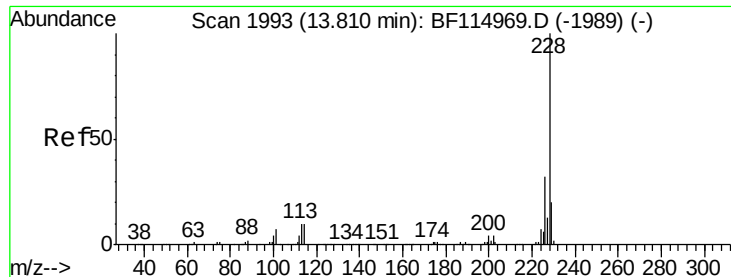
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 30.217 ng
RT: 13.73 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.2	78.4
126	13.1	8.0	12.0#





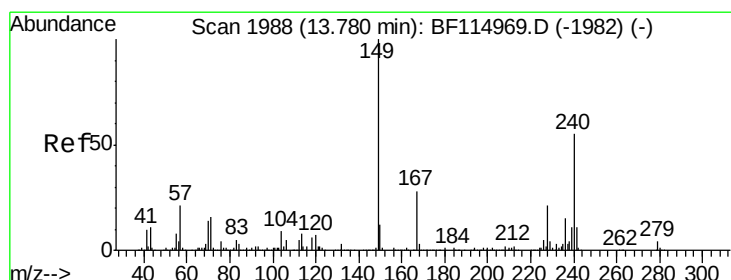
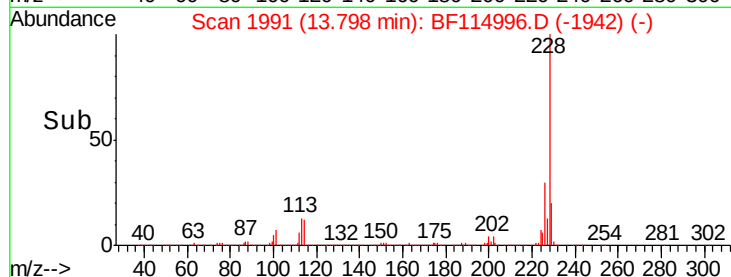
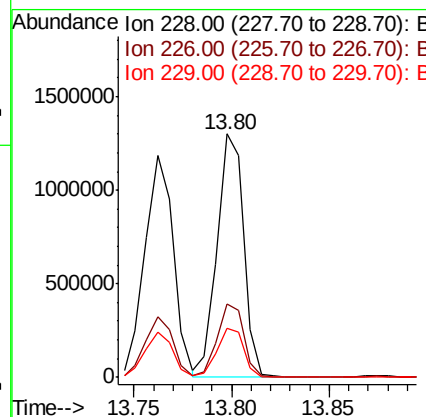
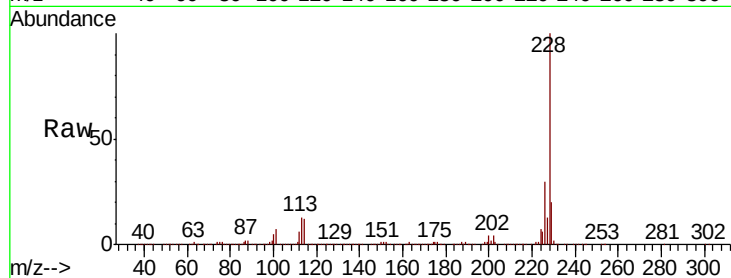
#83
Chrysene
Concen: 34.466 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	20.2	16.4	24.6

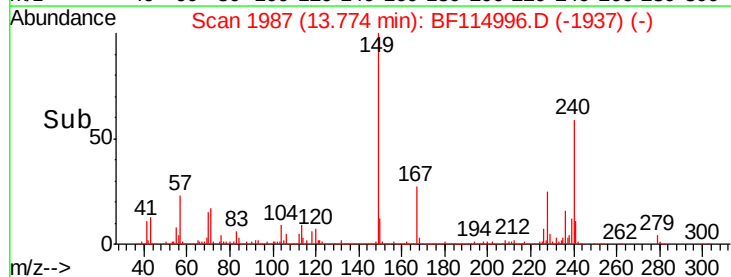
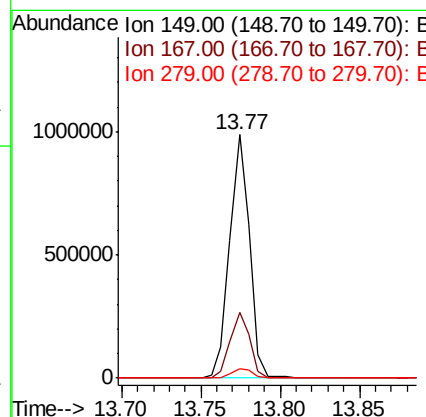
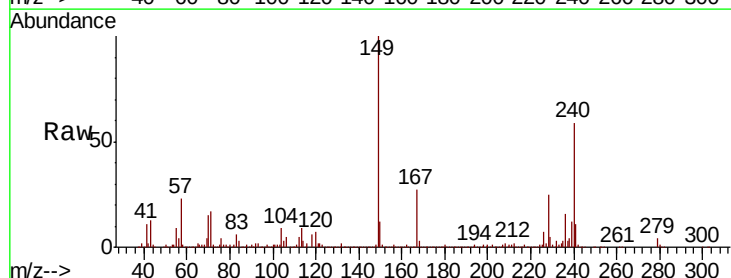
Manual Integrations
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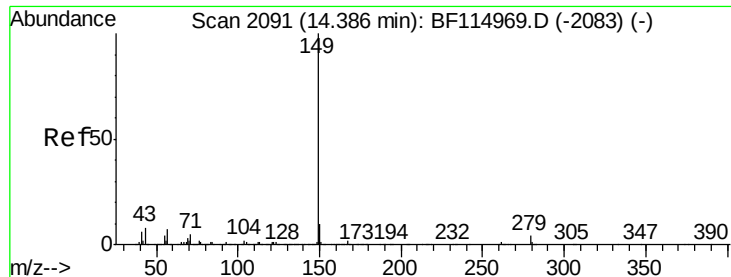
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 35.465 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.4
279	3.7	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 34.799 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

Instrument :

BNA_F

ClientSampleId :

200030-200034MSD

Tot Ion:149 Resp: 1444404

Ion Ratio Lower Upper

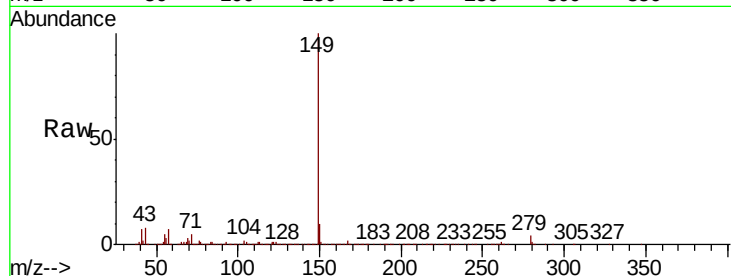
149 100

167 1.7 1.3 1.9

43 7.8 6.5 9.7

Manual Integrations
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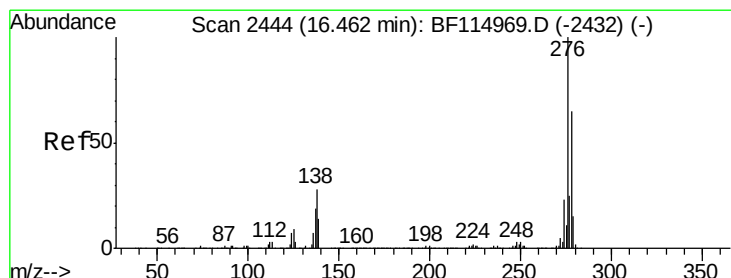
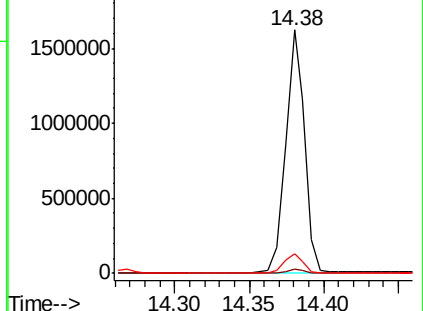
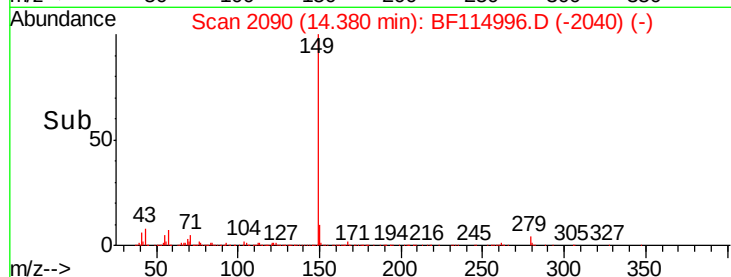
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.929 ng

RT: 16.45 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BF114996.D

Acq: 13 Jun 2019 12:04

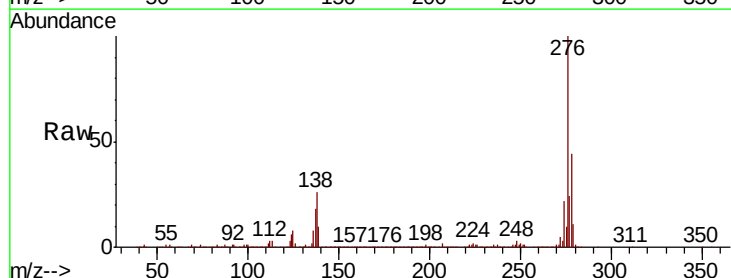
Tgt Ion:276 Resp: 1125653

Ion Ratio Lower Upper

276 100

138 29.3 23.0 34.4

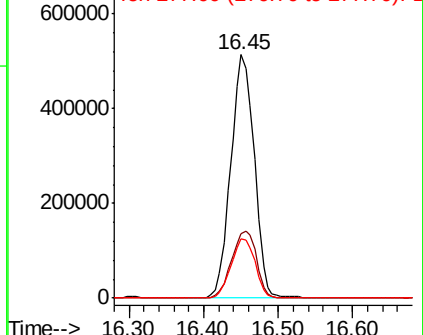
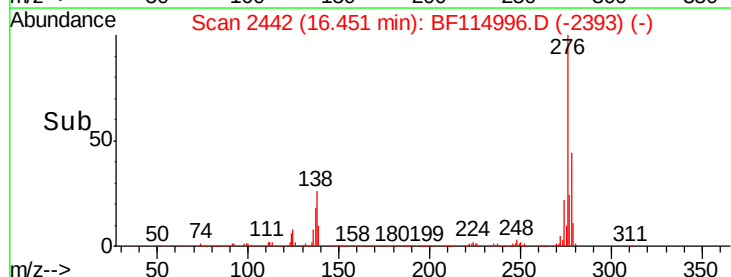
277 25.0 20.6 30.8

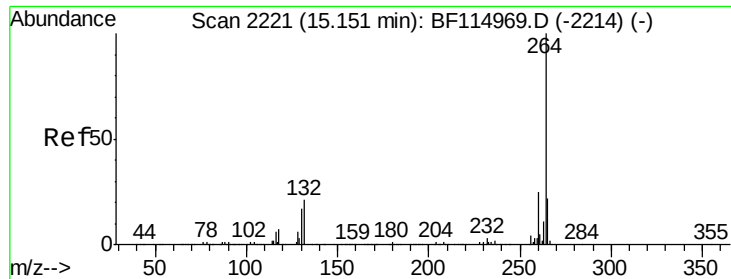


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





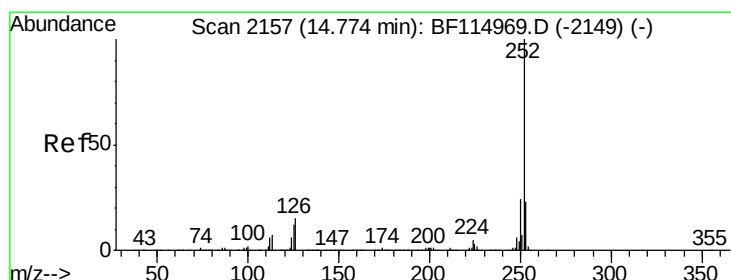
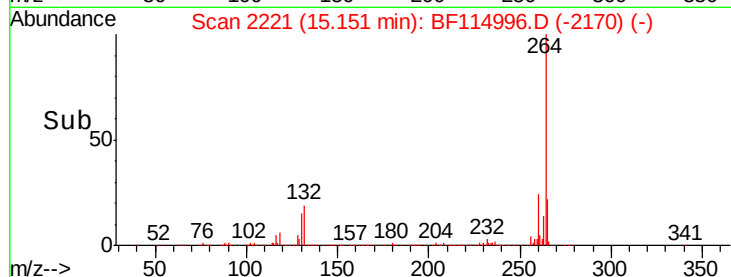
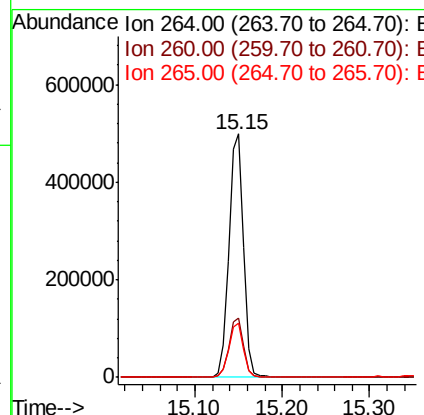
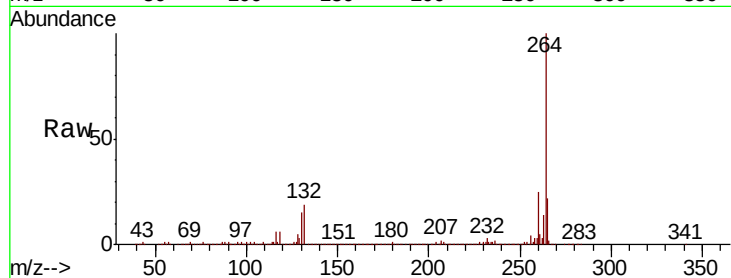
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	22.5	17.6	26.4

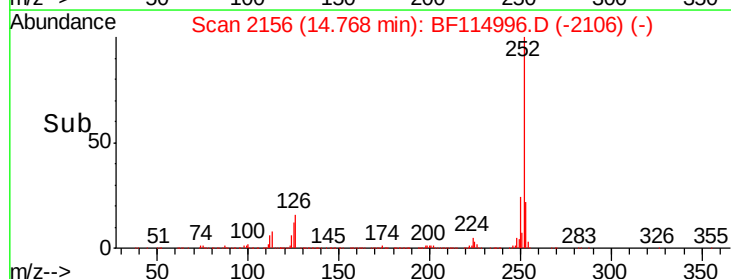
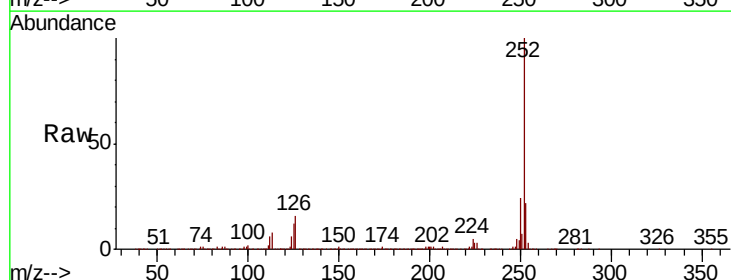
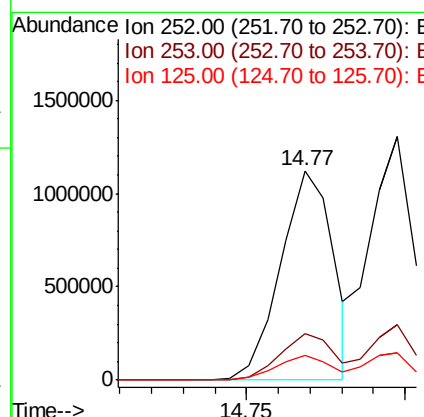
Manual Integrations
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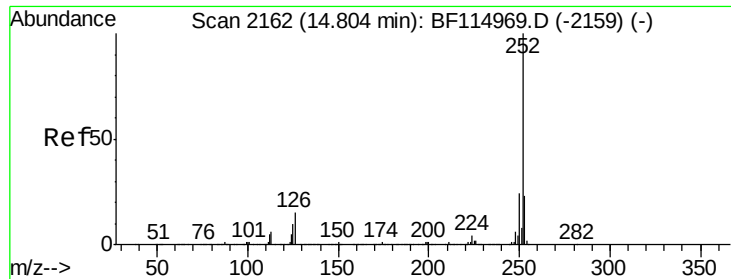
mohammad
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#88
Benzo(b)fluoranthene
Concen: 33.861 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.0	9.4	14.0





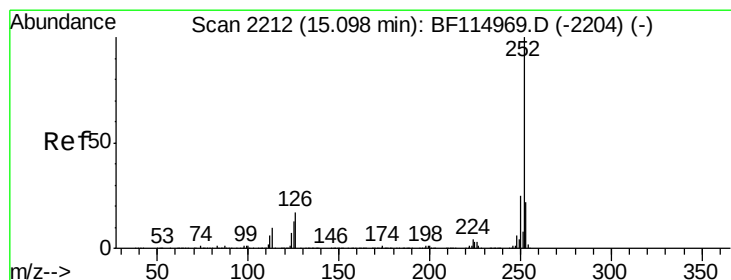
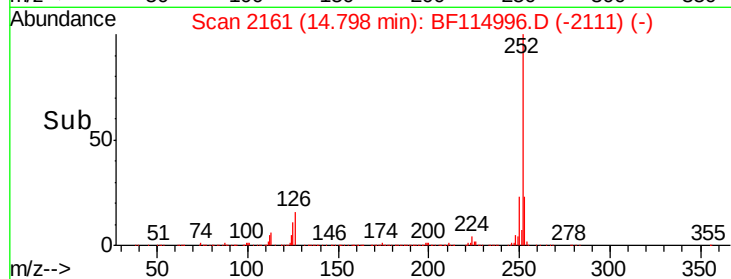
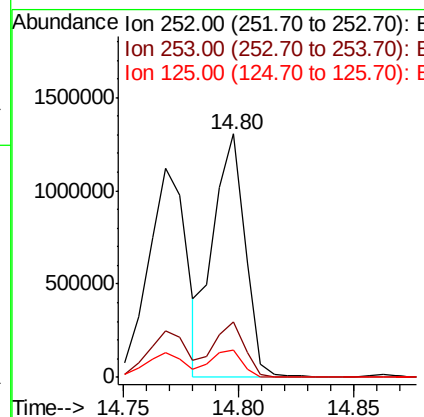
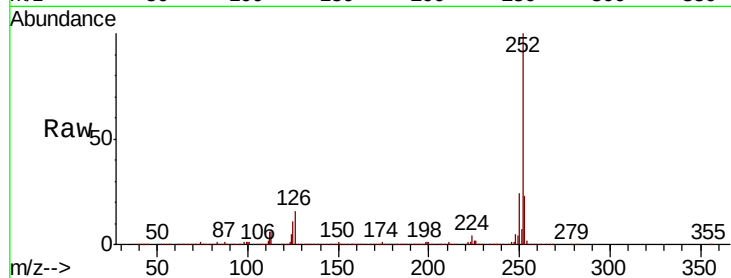
#89
Benzo(k)fluoranthene
Concen: 36.798 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.0	8.2	12.4

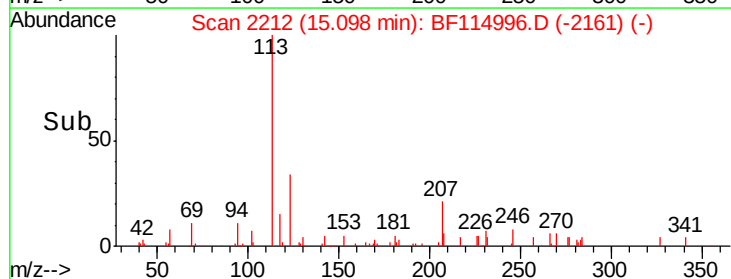
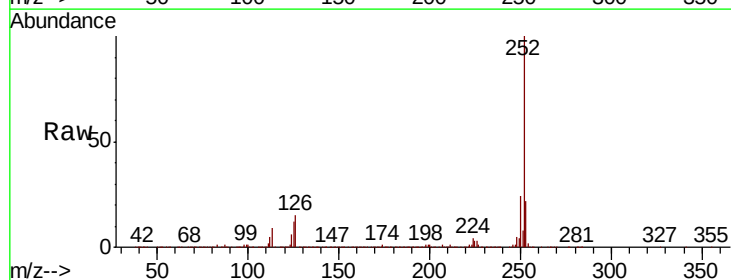
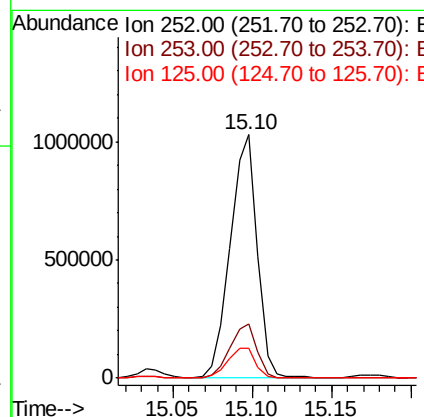
Manual Integrations
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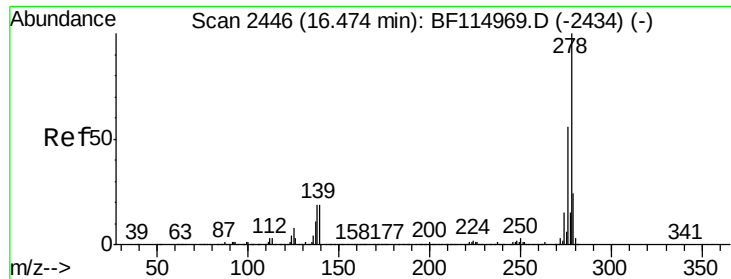
mohammad
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#90
Benzo(a)pyrene
Concen: 36.416 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	12.4	10.7	16.1





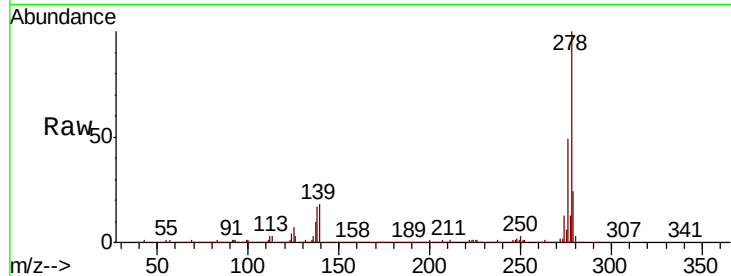
#91
Dibenzo(a,h)anthracene
Concen: 33.195 ng
RT: 16.47 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.3	22.9
279	23.7	19.2	28.8

Manual Integrations
APPROVED

mohammad
6/14/2019 8:47:13 AM

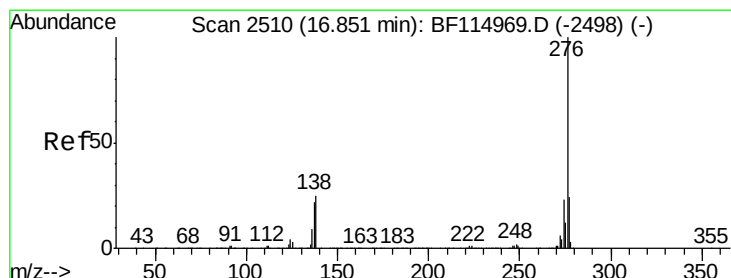
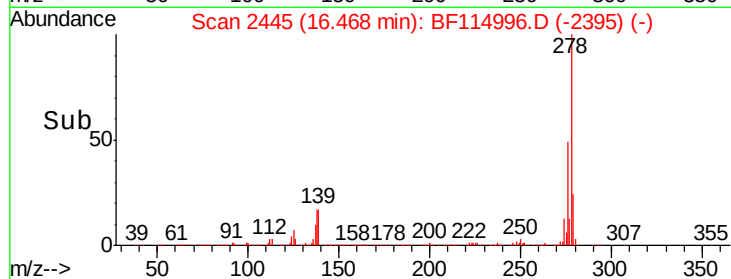
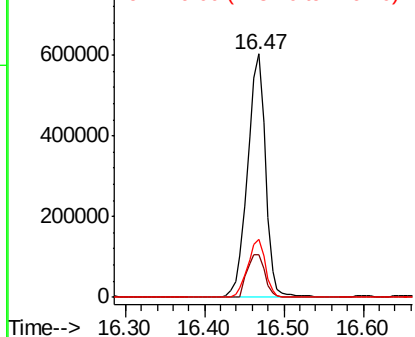


Abundance

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: 30.814 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BF114996.D
Acq: 13 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	23.5	20.2	30.4

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

