

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114558.D
 Acq On : 24 May 2019 9:50
 Operator : JU/SJ
 Sample : PB119776BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:47:54 AM

Quant Time: May 24 11:52:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144902	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	566895	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	280331	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	580349	20.00	ng	0.00
76) Chrysene-d12	13.99	240	411057	20.00	ng	0.00
87) Perylene-d12	15.45	264	397981	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1156769	128.47	ng	0.01
7) Phenol-d6	6.47	99	1478030	138.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	908040	89.89	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	386380	133.32	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1669920	90.11	ng	0.00
79) Terphenyl-d14	12.92	244	1849442	92.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	207896	42.006	ng	99
3) Pyridine	3.41	79	442931	32.482	ng	97
4) n-Nitrosodimethylamine	3.35	42	229553	34.909	ng	96
6) Aniline	6.48	93	415704	27.023	ng	# 28
8) 2-Chlorophenol	6.61	128	426992	44.420	ng	92
9) Benzaldehyde	6.37	77	211079	28.312	ng	98
10) Phenol	6.48	94	517918	41.341	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	407211	42.815	ng	96
12) 1,3-Dichlorobenzene	6.76	146	449727	41.679	ng	98
13) 1,4-Dichlorobenzene	6.83	146	452914	41.655	ng	98
14) 1,2-Dichlorobenzene	6.99	146	420547	42.336	ng	99
15) Benzyl Alcohol	6.96	79	350350	42.180	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	733816	39.792	ng	62
17) 2-Methylphenol	7.08	107	337788	42.778	ng	# 90
18) Hexachloroethane	7.32	117	167425	41.022	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	291521	43.187	ng	100
20) 3+4-Methylphenols	7.23	107	443072	48.565	ng	# 65
22) Acetophenone	7.22	105	577002	45.945	ng	# 90
24) Nitrobenzene	7.40	77	450015	43.740	ng	96
25) Isophorone	7.63	82	819657	43.752	ng	99
26) 2-Nitrophenol	7.72	139	231838	46.446	ng	99
27) 2,4-Dimethylphenol	7.76	122	378526	48.283	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	520990	42.861	ng	98
29) 2,4-Dichlorophenol	7.96	162	359171	46.010	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	376990	42.468	ng	99
31) Naphthalene	8.12	128	1219539	46.054	ng	98
32) Benzoic acid	7.91	122	220379	40.679	ng	99
33) 4-Chloroaniline	8.17	127	332406	27.547	ng	99
34) Hexachlorobutadiene	8.23	225	211580	41.890	ng	99
35) Caprolactam	8.55	113	124478m	48.902	ng	
36) 4-Chloro-3-methylphenol	8.67	107	383622	48.820	ng	99
37) 2-Methylnaphthalene	8.81	142	828451	48.490	ng	98
38) 1-Methylnaphthalene	8.91	142	782235	48.618	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	377428	44.446	ng	99

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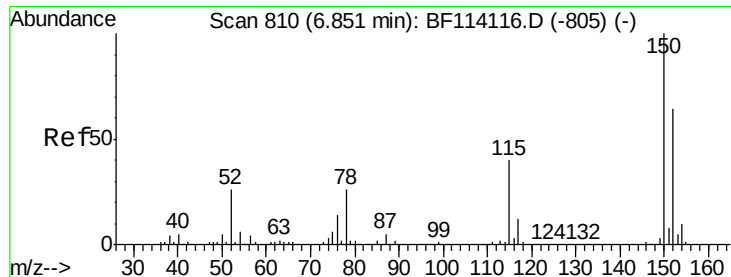
Manual Integrations
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 5/27/2019 3:47:54 AM

Quant Time: May 24 11:52:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	142975	38.510	nq	100
43) 2,4,6-Trichlorophenol	9.10	196	243776	41.736	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	256264	42.781	nq	95
46) 1,1'-Biphenyl	9.27	154	1018112	44.956	nq	97
47) 2-Chloronaphthalene	9.30	162	779465	42.767	nq	98
48) 2-Nitroaniline	9.40	65	263939	40.833	nq	93
49) Acenaphthylene	9.72	152	1237352	44.636	nq	98
50) Dimethylphthalate	9.57	163	911041	44.271	nq	99
51) 2,6-Dinitrotoluene	9.65	165	201391	44.122	nq	89
52) Acenaphthene	9.89	154	723345	42.523	nq	99
53) 3-Nitroaniline	9.82	138	166506	29.387	nq	97
54) 2,4-Dinitrophenol	9.94	184	167052	73.393	nq	93
55) Dibenzofuran	10.06	168	1062199	42.584	nq	99
56) 4-Nitrophenol	10.00	139	244573	61.038	nq	99
57) 2,4-Dinitrotoluene	10.06	165	256801	41.451	nq	# 77
58) Fluorene	10.40	166	885213	45.945	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	213091	41.229	nq	100
60) Diethylphthalate	10.27	149	917754	43.892	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	420204	44.406	nq	97
62) 4-Nitroaniline	10.43	138	243687	40.929	nq	99
63) Azobenzene	10.55	77	871638	43.067	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	115946	41.578	nq	95
66) n-Nitrosodiphenylamine	10.51	169	787578	44.714	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	268927	42.086	nq	97
68) Hexachlorobenzene	10.96	284	283431	40.095	nq	100
69) Atrazine	11.04	200	244008	44.516	nq	98
70) Pentachlorophenol	11.16	266	224886	67.111	nq	100
71) Phenanthrene	11.37	178	1264227	44.776	nq	98
72) Anthracene	11.42	178	1323459	46.668	nq	98
73) Carbazole	11.57	167	1247250	46.121	nq	98
74) Di-n-butylphthalate	11.89	149	1487938	47.758	nq	100
75) Fluoranthene	12.56	202	1406122	46.246	nq	99
77) Benzidine	12.67	184	746589	40.462	nq	96
78) Pyrene	12.79	202	1417474	42.866	nq	98
80) Butylbenzylphthalate	13.39	149	652963	46.914	nq	99
81) Benzo(a)anthracene	13.97	228	1177036	44.271	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	339854	32.951	nq	100
83) Chrysene	14.02	228	1161588	44.569	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	891902	48.996	nq	100
85) Di-n-octyl phthalate	14.56	149	1479637	50.142	nq	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	1006392	43.692	nq	99
88) Benzo(b)fluoranthene	15.03	252	1122210	44.014	nq	99
89) Benzo(k)fluoranthene	15.06	252	1044930	44.614	nq	99
90) Benzo(a)pyrene	15.39	252	1040791	46.382	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	844489	45.290	nq	99
92) Benzo(g,h,i)perylene	17.37	276	840496	44.979	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

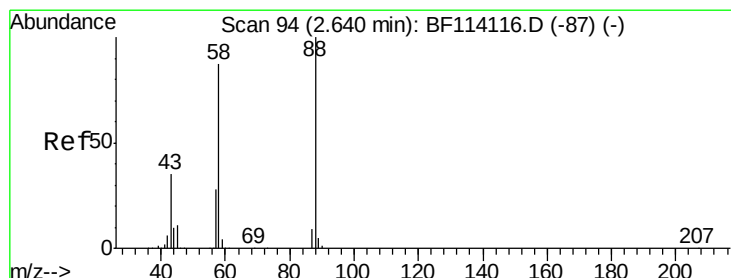
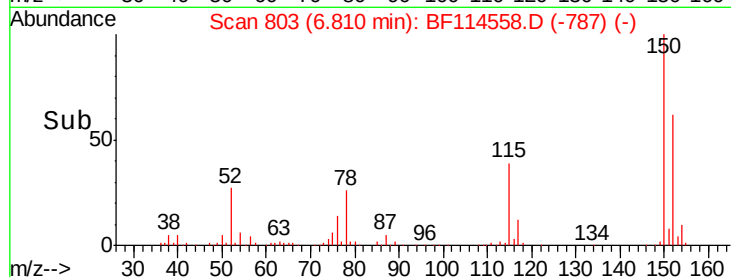
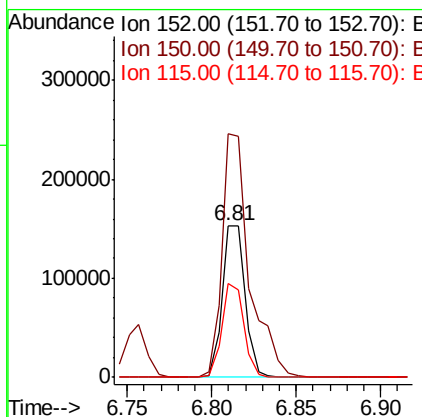
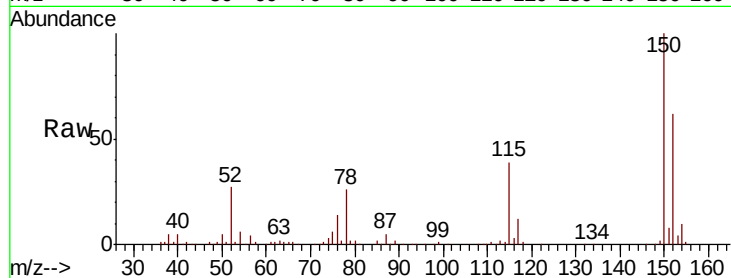
ClientSampleId :

PB119776BS

Tot Ion:	152	Resp:	144902
Ion Ratio	Lower	Upper	
152	100		
150	160.6	124.3	186.5
115	62.0	49.1	73.7

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#2

1,4-Dioxane

Concen: 42.006 ng

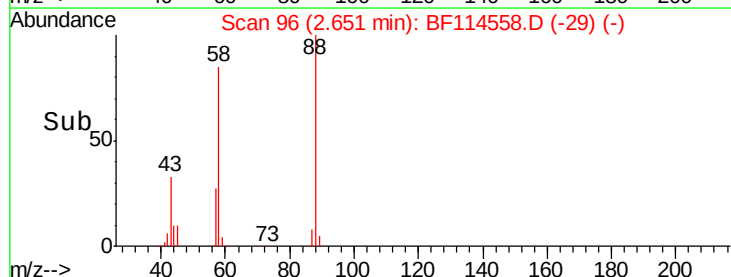
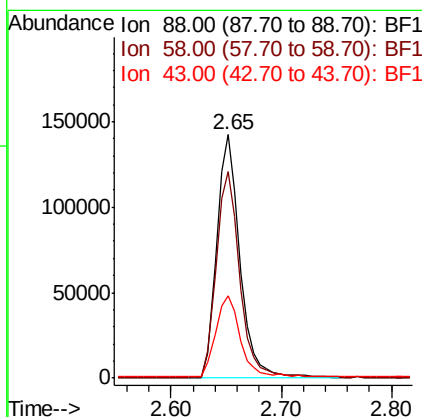
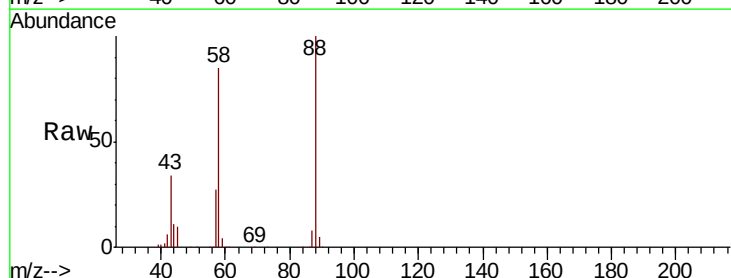
RT: 2.65 min Scan# 96

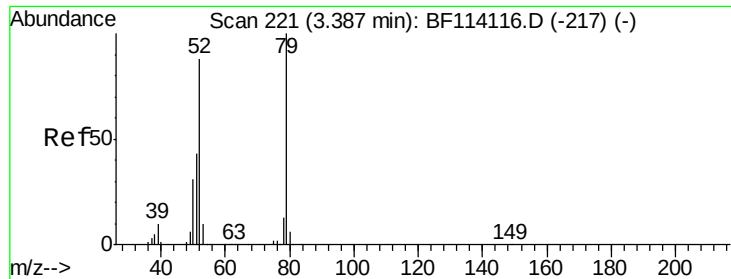
Delta R.T. 0.09 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Tgt Ion:	88	Resp:	207896
Ion Ratio	Lower	Upper	
88	100		
58	87.0	68.7	103.1
43	34.7	28.2	42.2





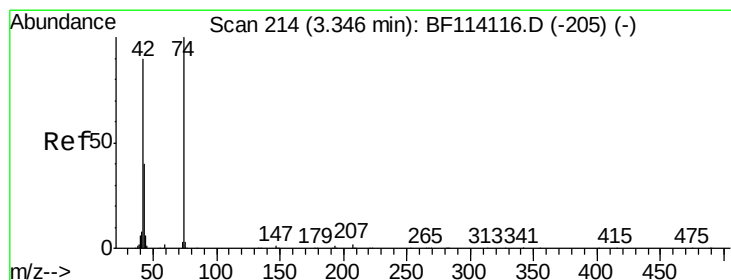
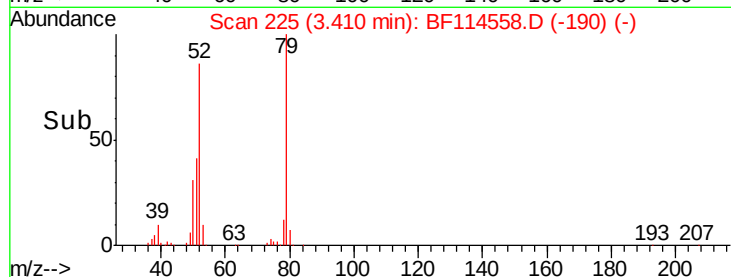
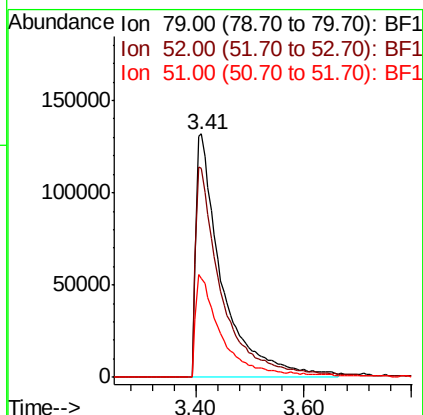
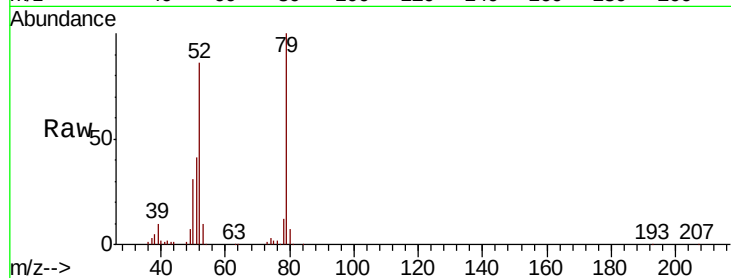
#3
 Pvridine
 Concen: 32.482 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.11 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.0	70.6	105.8
51	40.8	34.2	51.2

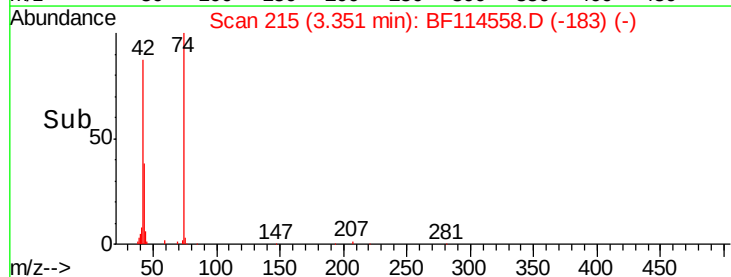
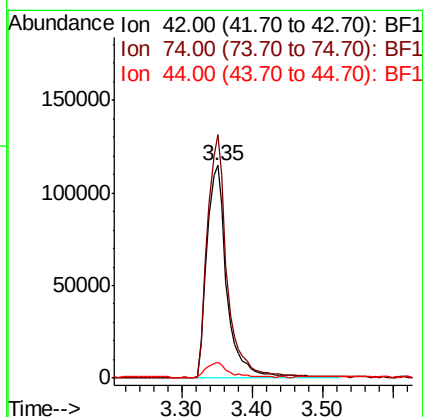
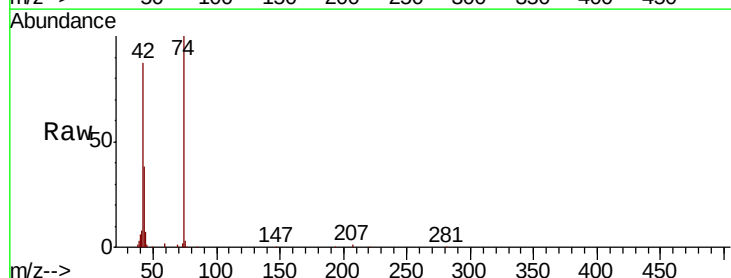
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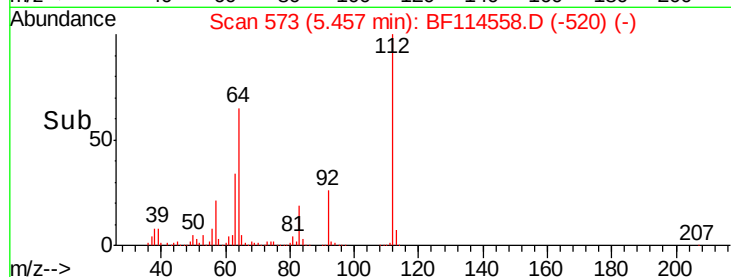
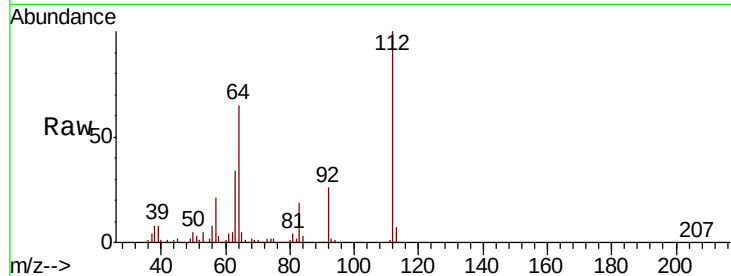
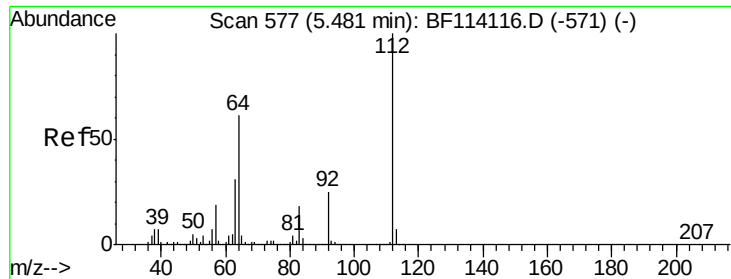
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#4
 n-Nitrosodimethylamine
 Concen: 34.909 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.09 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.6	88.6	132.8
44	7.7	5.5	8.3





#5

2-Fluorophenol

Concen: 128.469 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion:112 Resp: 1156769

Ion Ratio Lower Upper

112 100

64 65.3 49.0 73.6

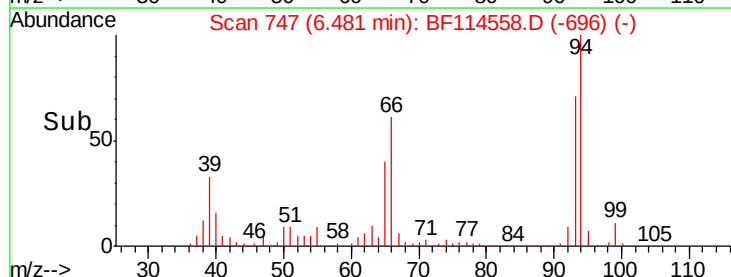
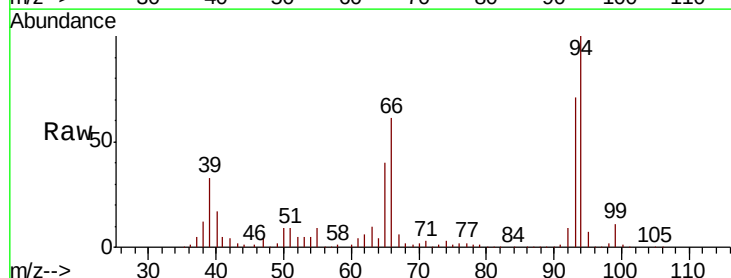
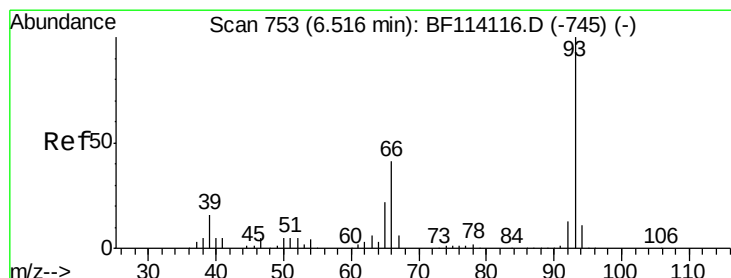
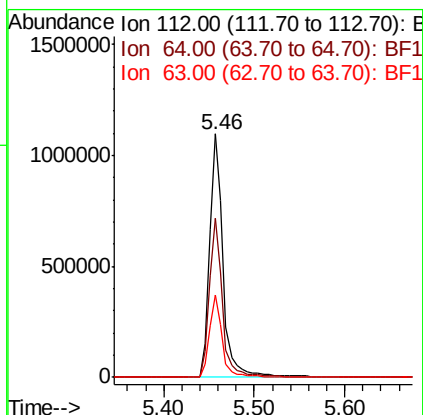
63 33.8 24.6 37.0

Manual Integrations

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#6

Aniline

Concen: 27.023 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

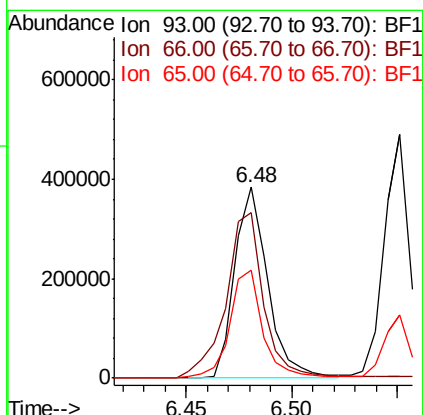
Tgt Ion: 93 Resp: 415704

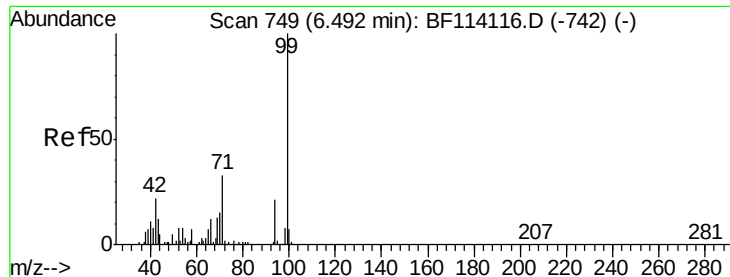
Ion Ratio Lower Upper

93 100

66 86.6 33.2 49.8#

65 56.3 17.6 26.4#





#7

Phenol-d6

Concen: 138.787 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion: 99 Resp: 1478030

Ion Ratio Lower Upper

99 100

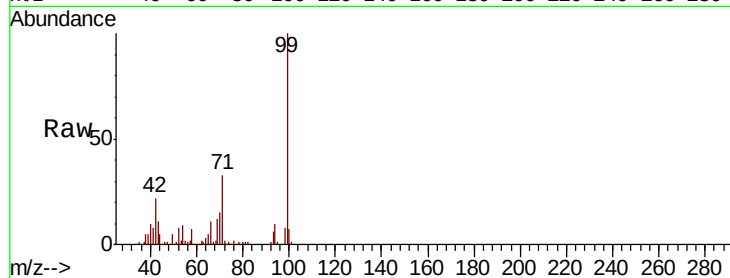
42 21.6 17.9 26.9

71 33.0 26.2 39.2

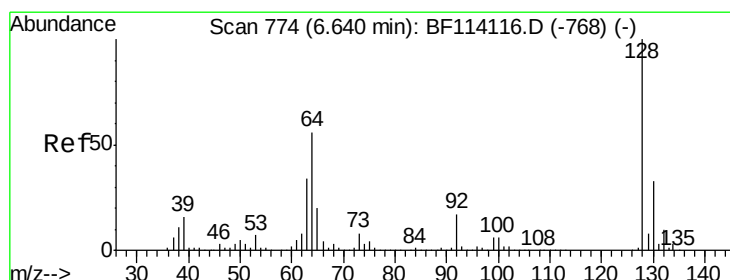
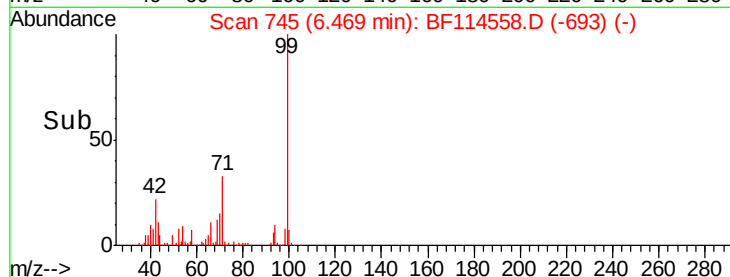
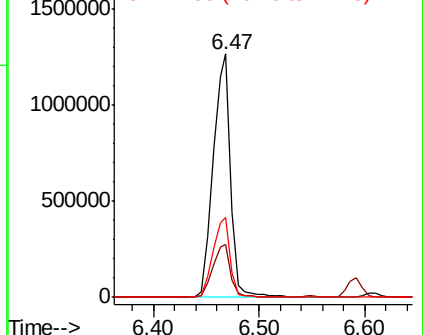
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.420 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

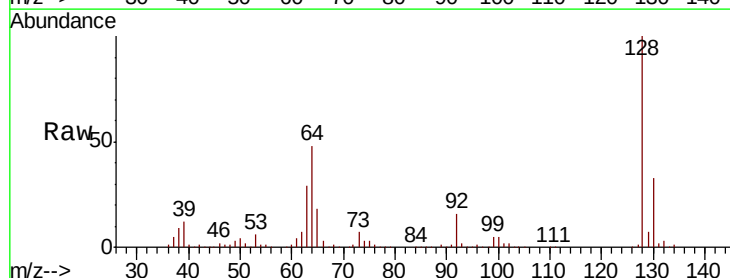
Tgt Ion: 128 Resp: 426992

Ion Ratio Lower Upper

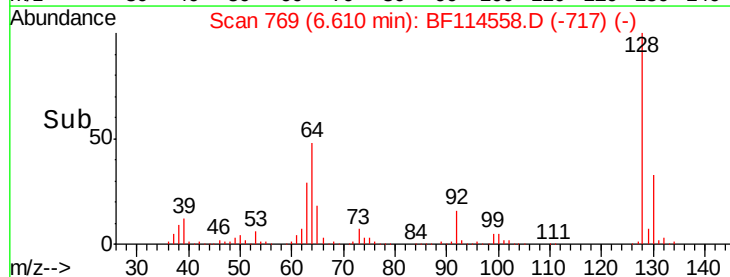
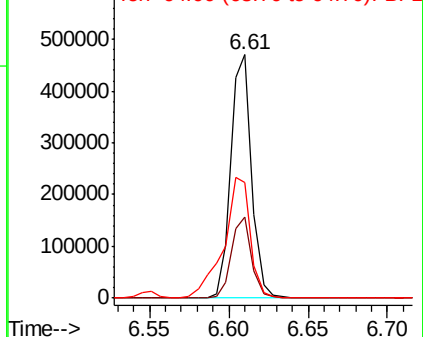
128 100

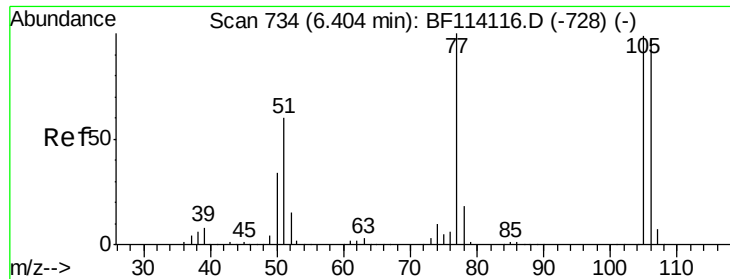
130 33.2 12.6 52.6

64 47.6 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





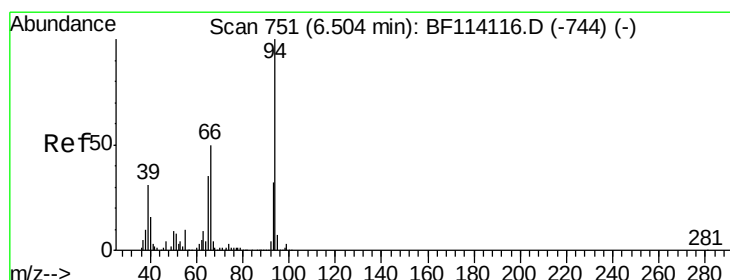
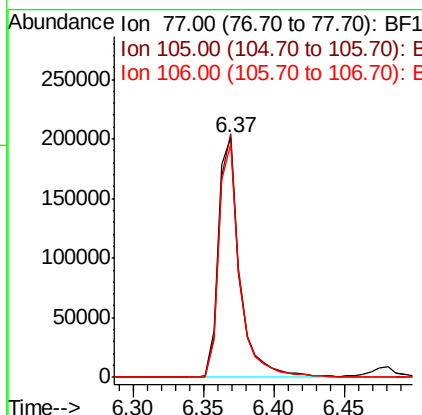
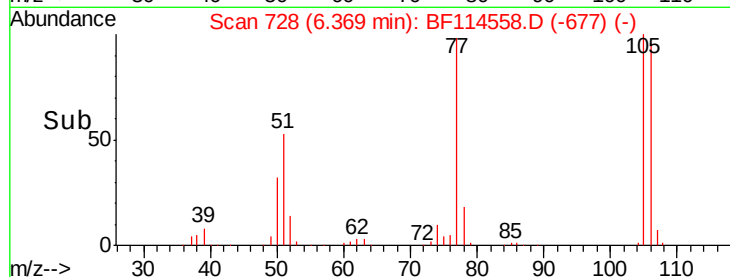
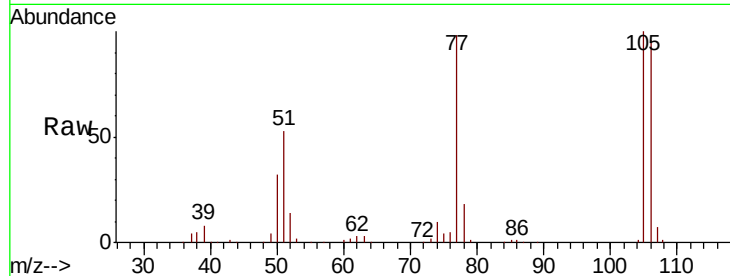
#9
Benzaldehyde
Concen: 28.312 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleID :
PB119776BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.7	79.3	119.3
106	97.5	77.0	117.0

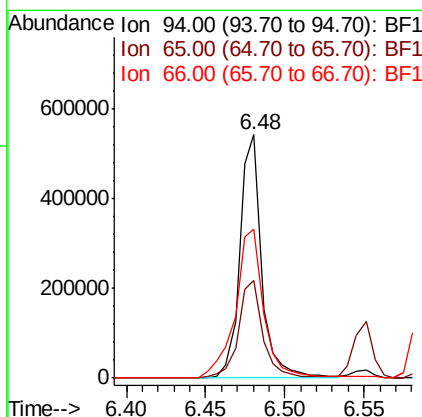
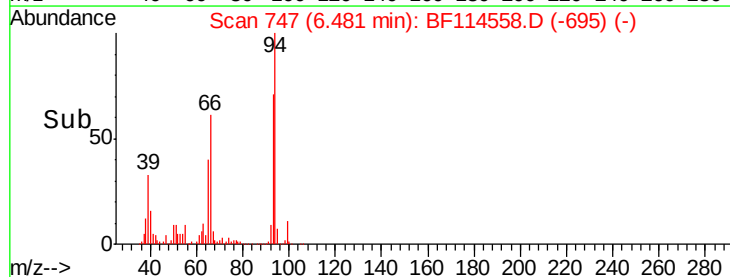
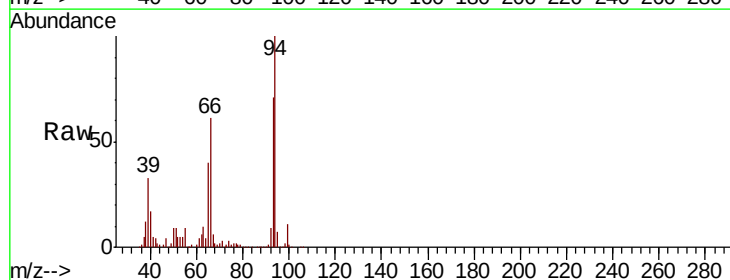
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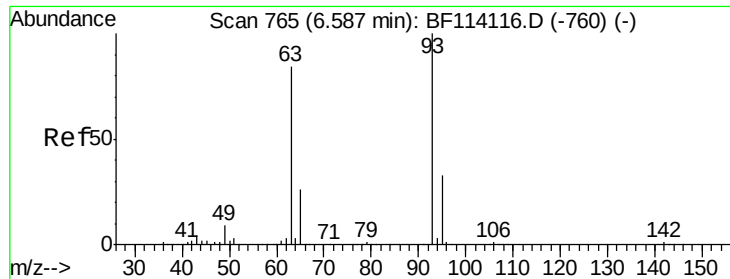
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#10
Phenol
Concen: 41.341 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.9	14.7	54.7
66	61.4	29.6	69.6





#11

bis(2-Chloroethyl)ether

Concen: 42.815 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

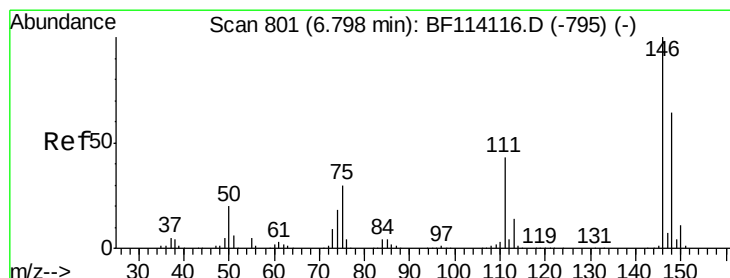
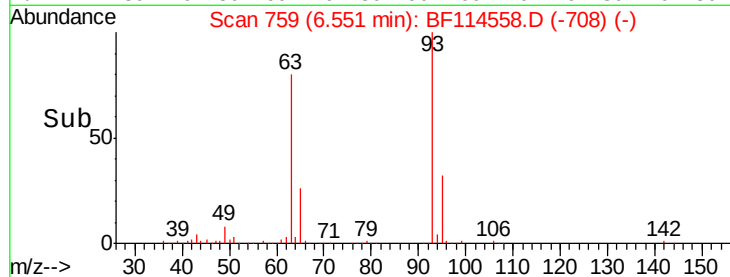
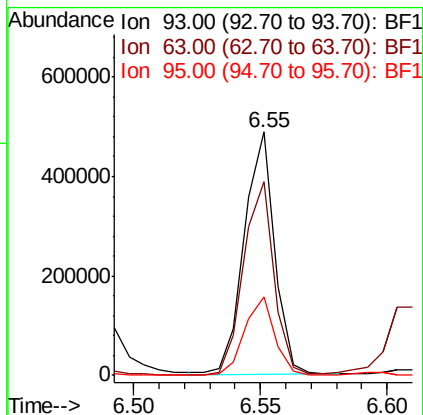
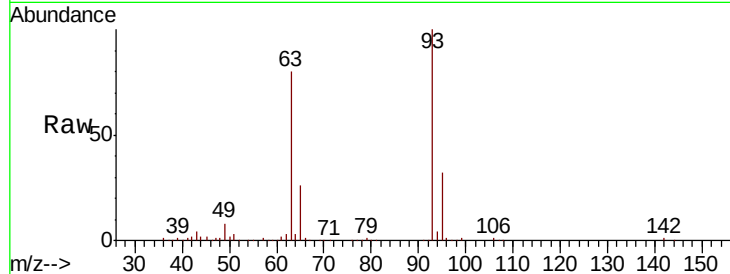
ClientSampleId :

PB119776BS

Tot Ion:	93	Resp:	407211
Ion Ratio	Lower	Upper	
93	100		
63	79.7	63.6	103.6
95	32.0	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 41.679 ng

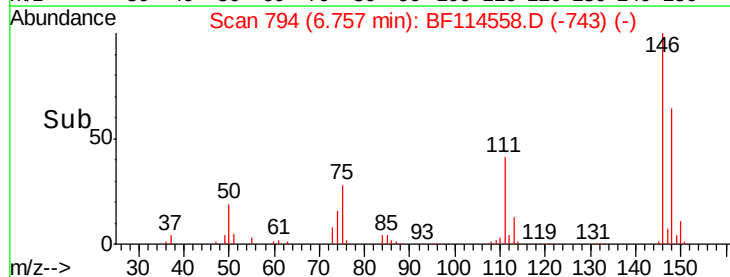
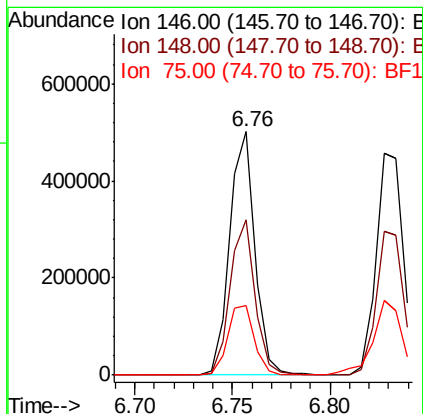
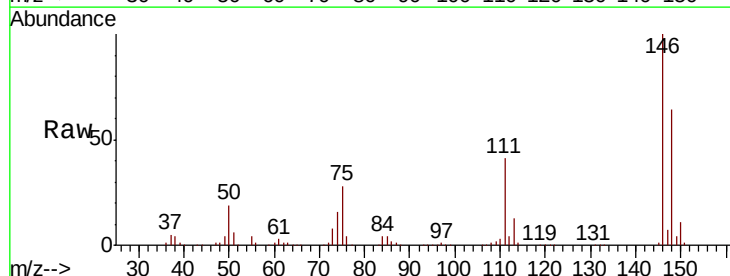
RT: 6.76 min Scan# 794

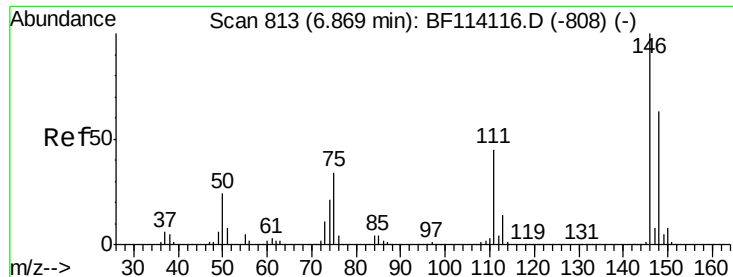
Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Tgt Ion:	146	Resp:	449727
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.6	77.4
75	28.4	24.2	36.2





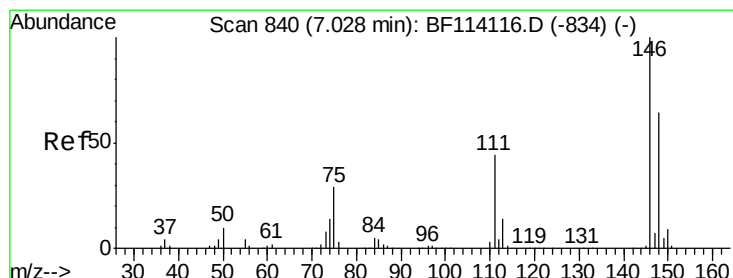
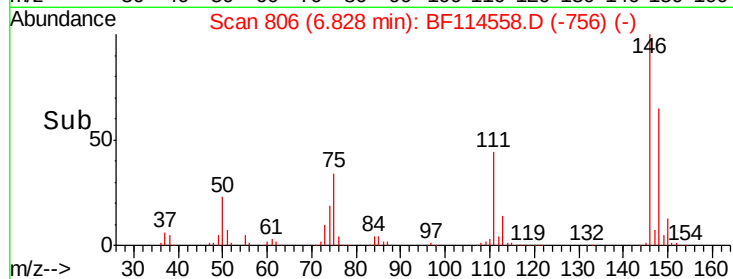
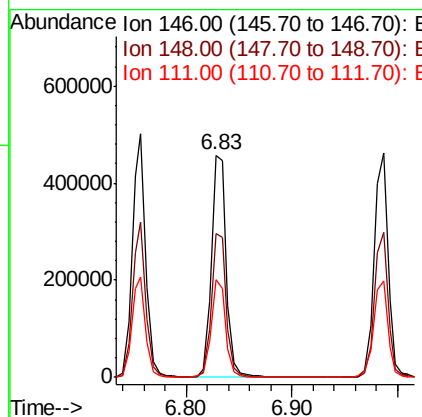
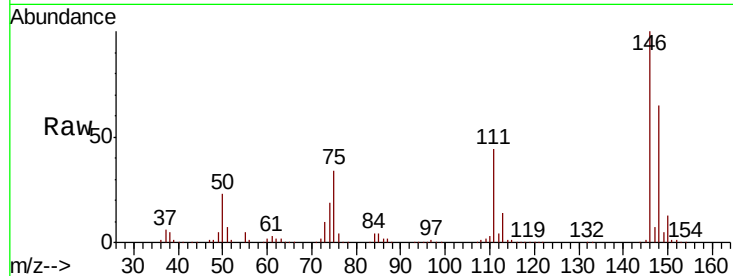
#13
 1,4-Dichlorobenzene
 Concen: 41.655 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.2	75.2
111	44.2	35.8	53.6

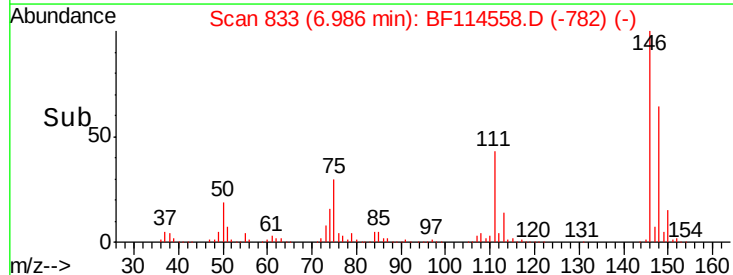
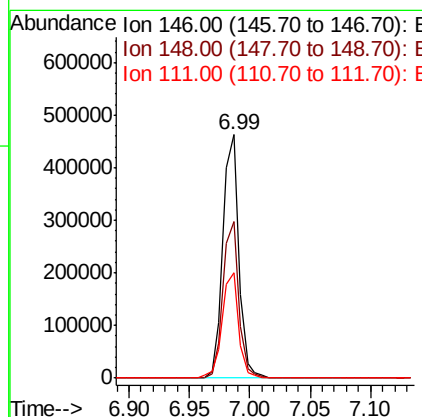
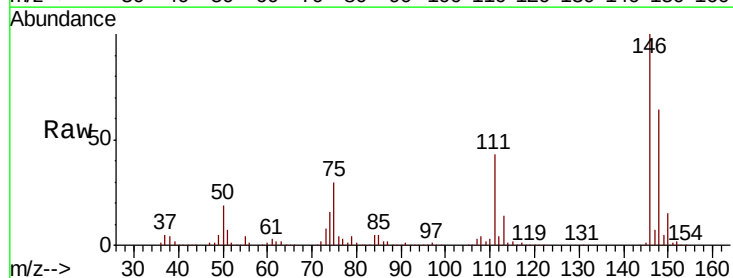
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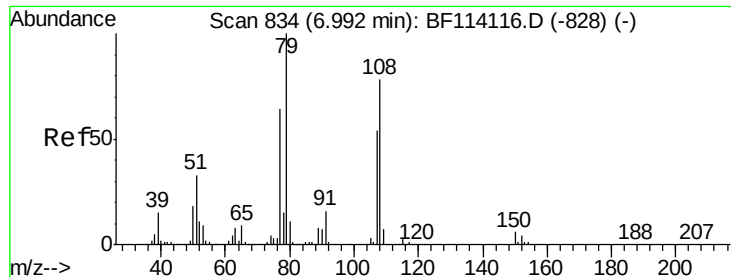
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.336 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	43.0	35.3	52.9





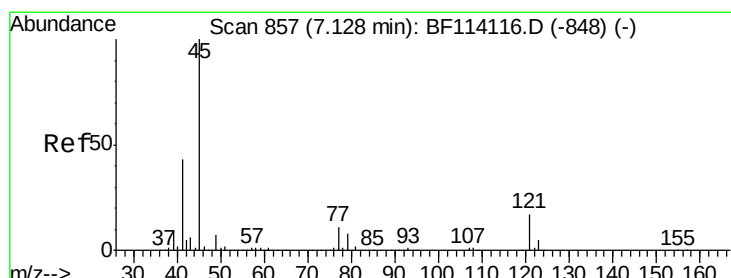
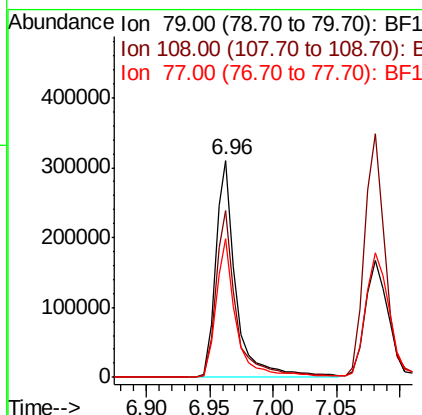
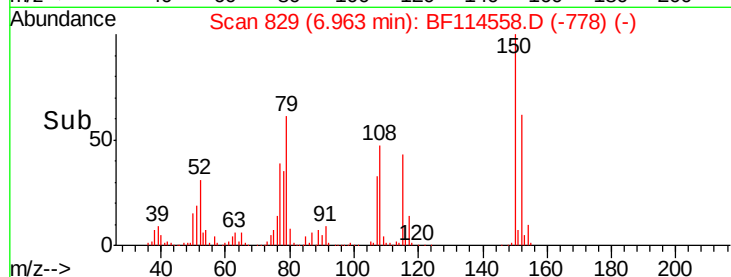
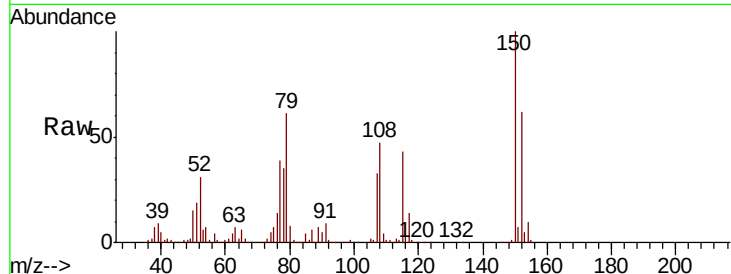
#15
Benzyl Alcohol
Concen: 42.180 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.6	62.1	93.1	
77	63.9	51.0	76.6	

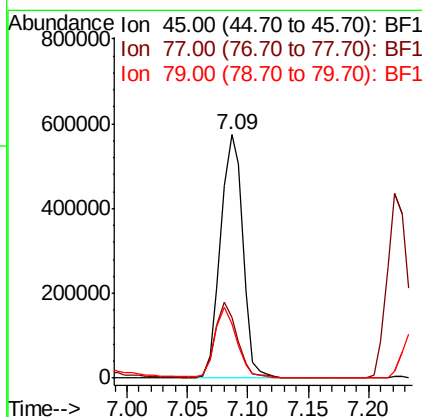
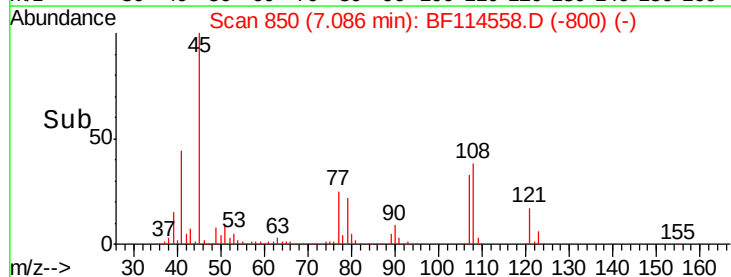
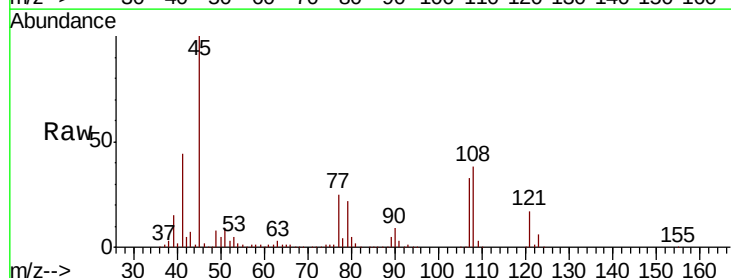
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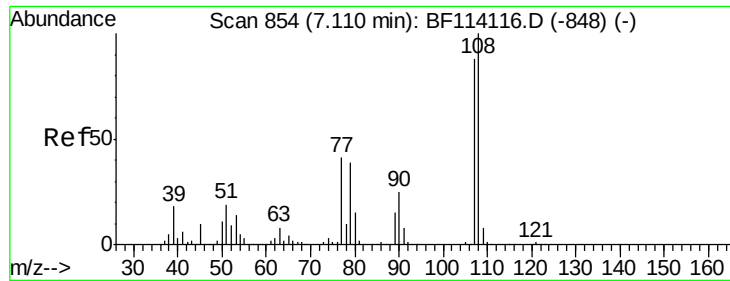
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.792 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	25.1	0.0	31.1	
79	22.1	0.0	28.4	





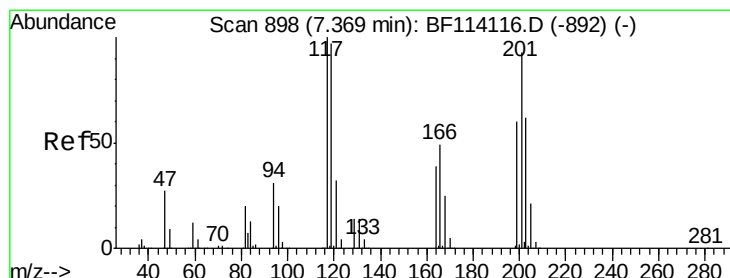
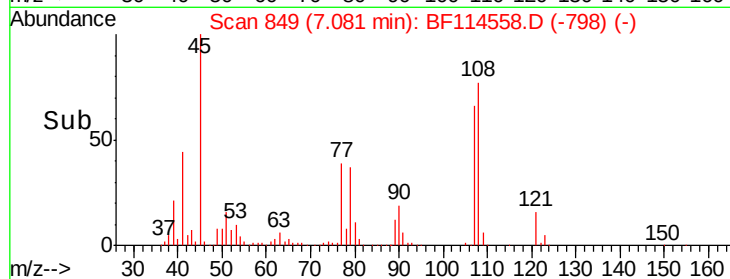
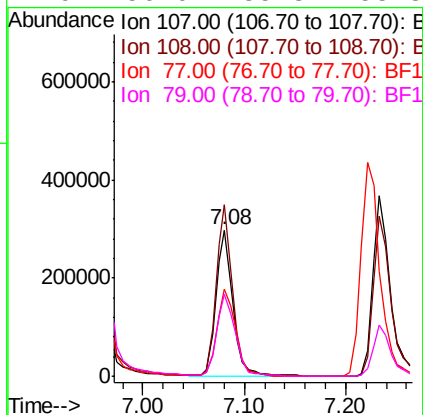
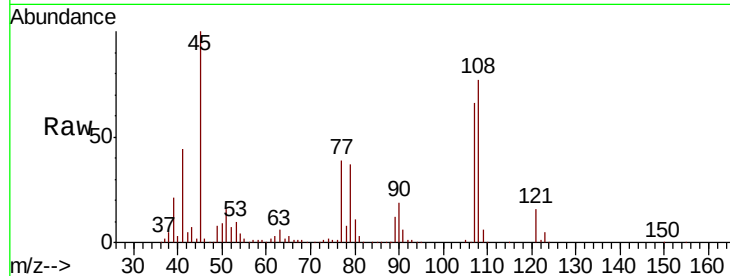
#17
2-Methylphenol
Concen: 42.778 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.8	90.5	135.7	
77	59.8	37.0	55.4	
79	56.0	35.8	53.8	

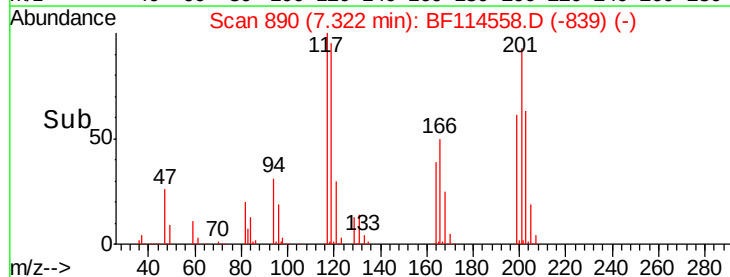
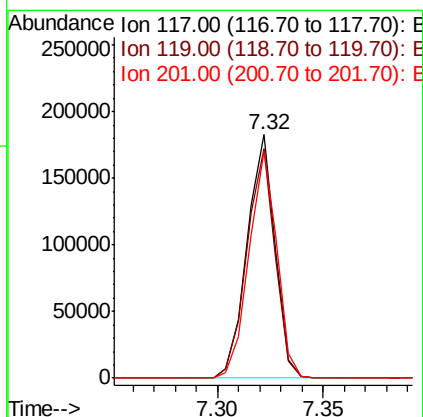
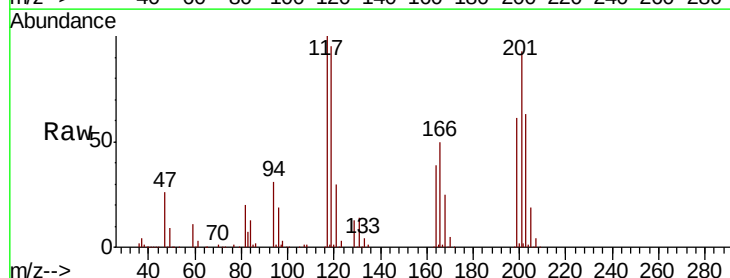
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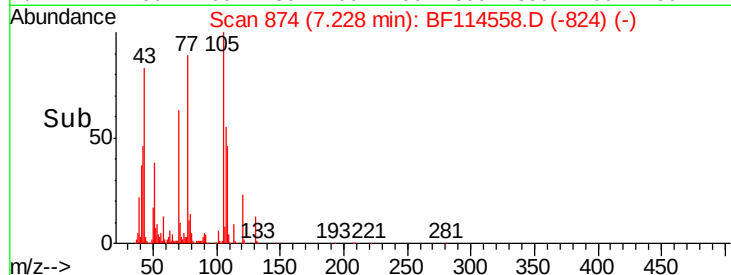
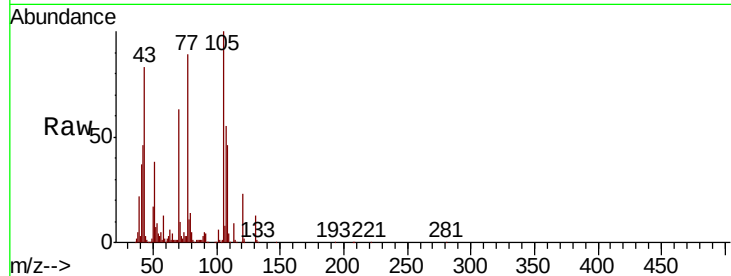
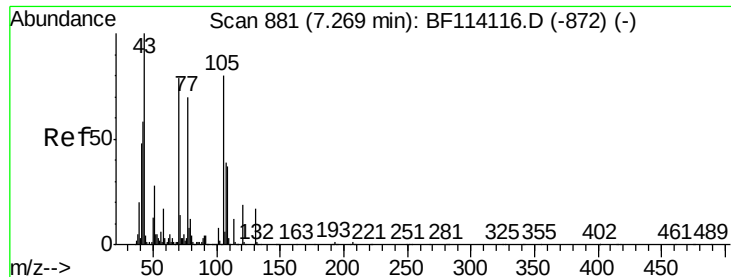
mohammad
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#18
Hexachloroethane
Concen: 41.022 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	77.4	116.2	
201	93.4	74.5	111.7	





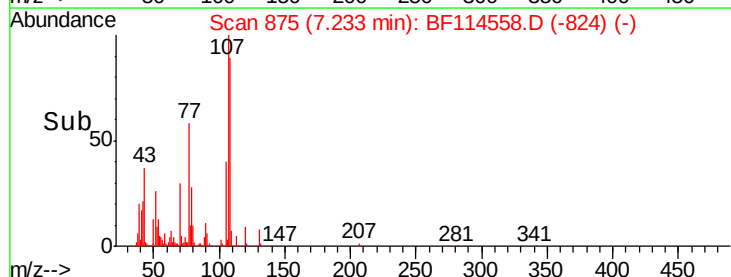
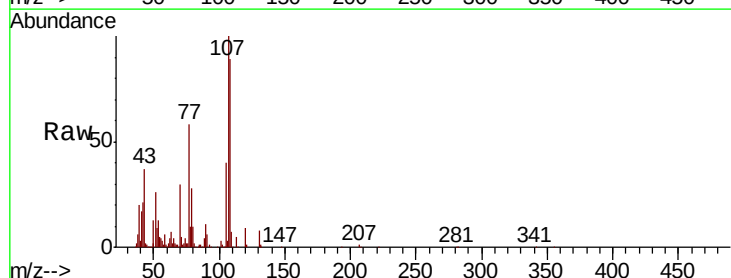
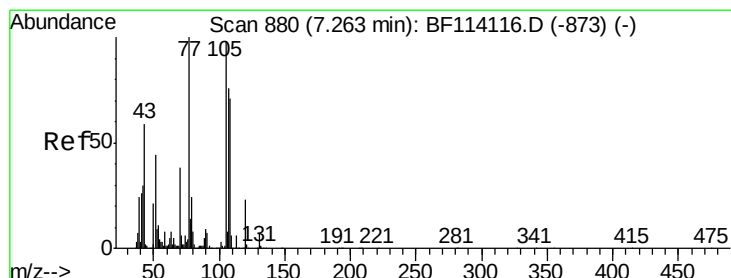
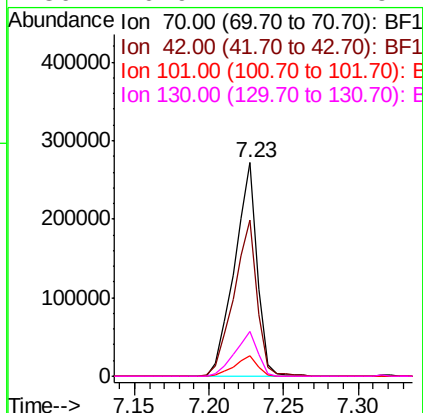
#19
n-Nitroso-di-n-propylamine
Concen: 43.187 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Manual Integrations
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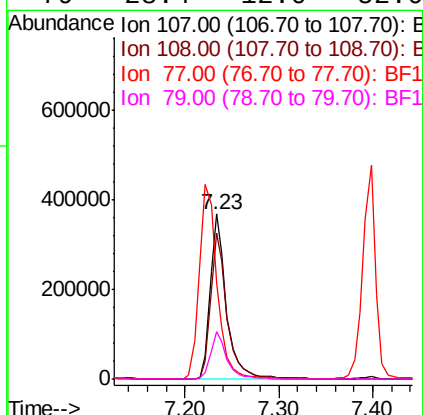
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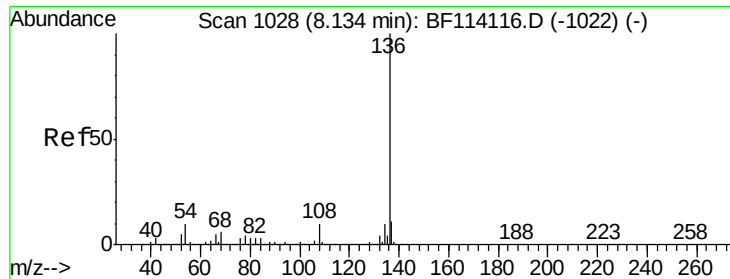
Tot Ion	Ratio	Resp	Lower	Upper
70	100	291521		
42	73.4	58.6	87.8	
101	9.7	7.8	11.8	
130	20.9	17.1	25.7	



#20
3+4-Methylphenols
Concen: 48.565 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	443072		
108	88.9	73.8	113.8	
77	58.0	111.5	151.5#	
79	28.4	12.0	52.0	





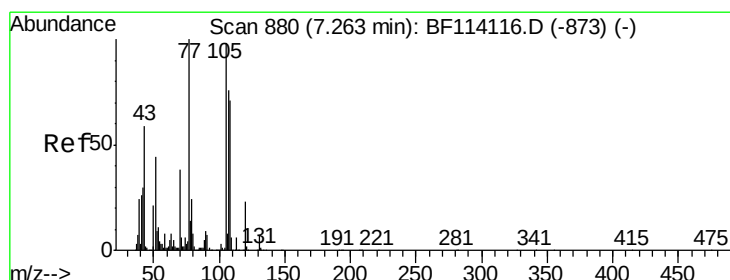
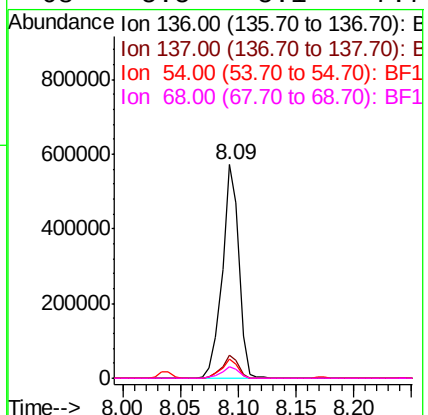
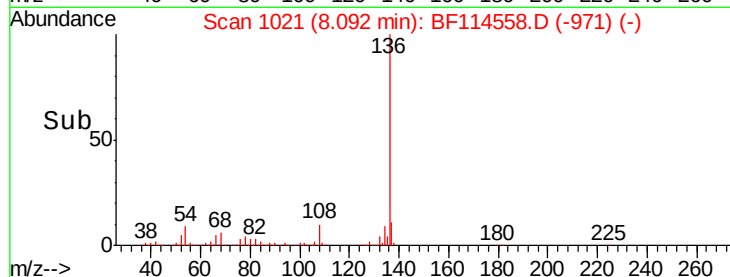
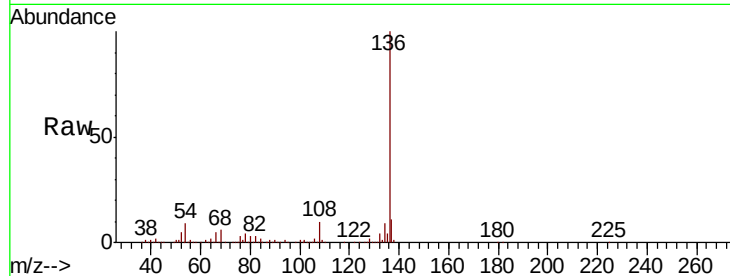
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	566895		
137	10.8		8.8	13.2
54	9.2		7.8	11.8
68	5.5		5.1	7.7

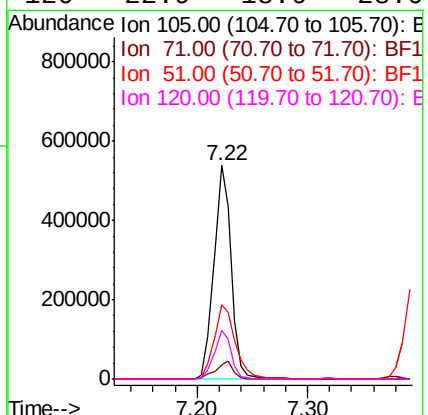
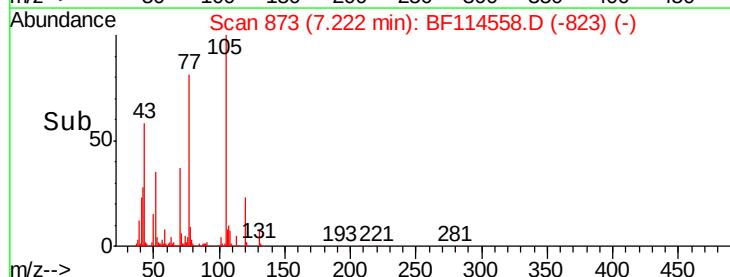
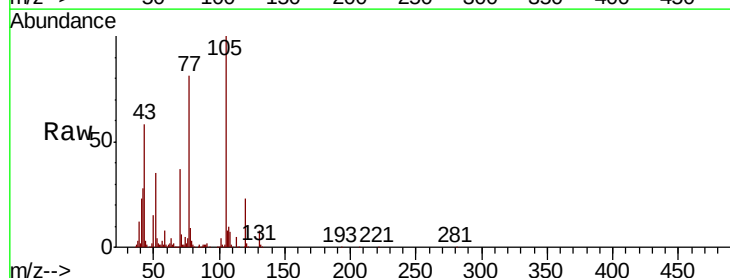
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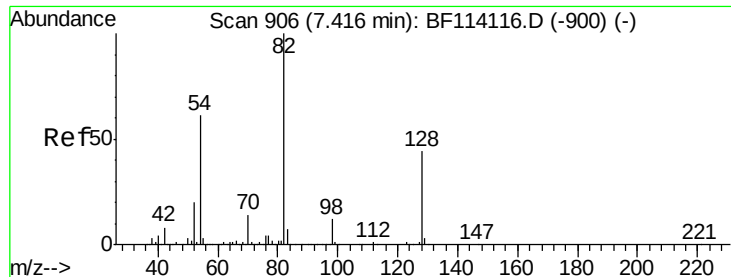
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#22
Acetophenone
Concen: 45.945 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	577002		
71	6.3		5.3	7.9
51	35.0		36.2	54.4
120	22.9		18.6	28.0





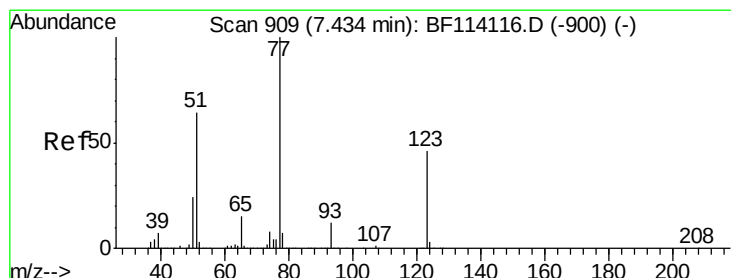
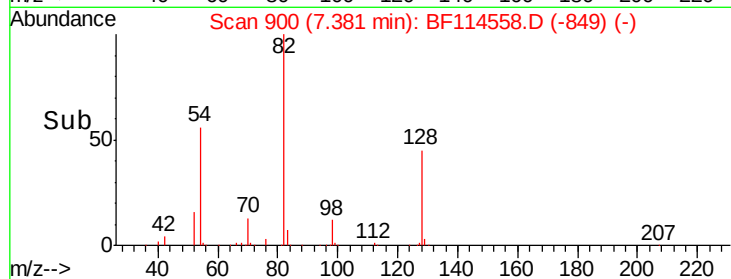
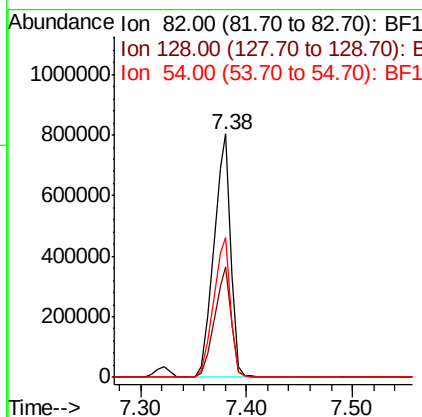
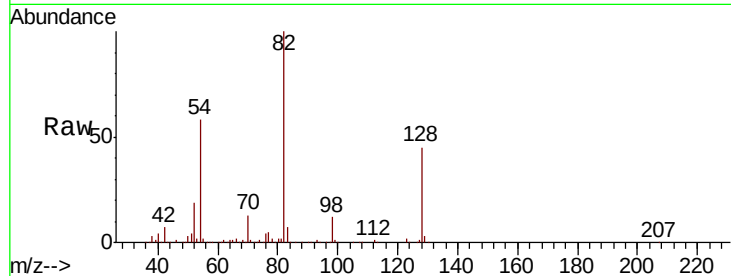
#23
 Nitrobenzene-d5
 Concen: 89.892 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	82	Resp	908040
Ion Ratio	100	Lower	Upper
82	100		
128	45.4	35.5	53.3
54	57.5	48.5	72.7

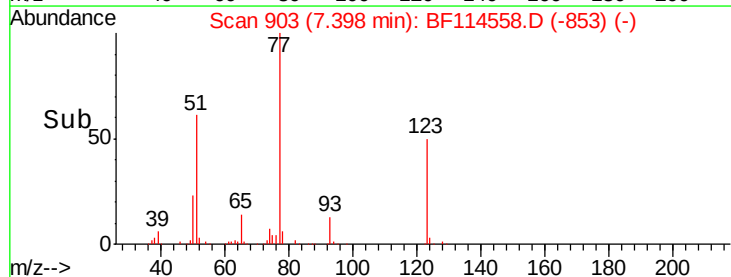
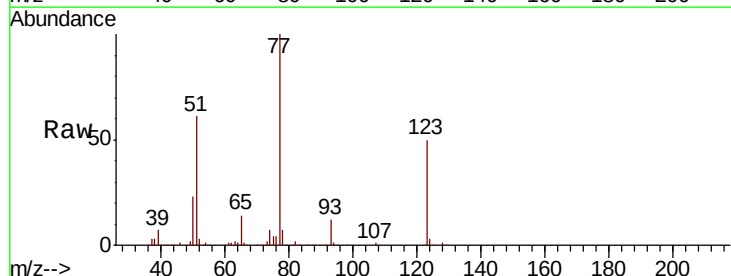
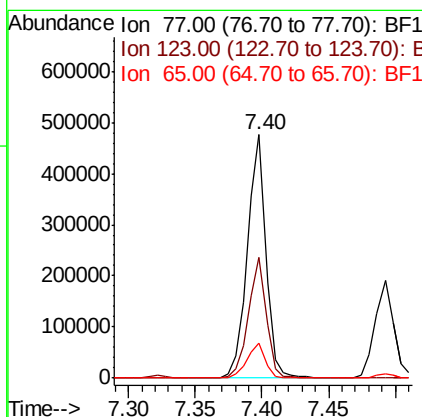
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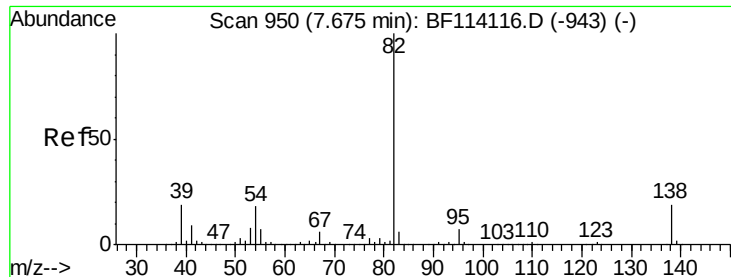
mohammad
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#24
 Nitrobenzene
 Concen: 43.740 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion	77	Resp	450015
Ion Ratio	100	Lower	Upper
77	100		
123	49.7	36.9	55.3
65	14.2	11.8	17.6





#25

Isophorone

Concen: 43.752 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

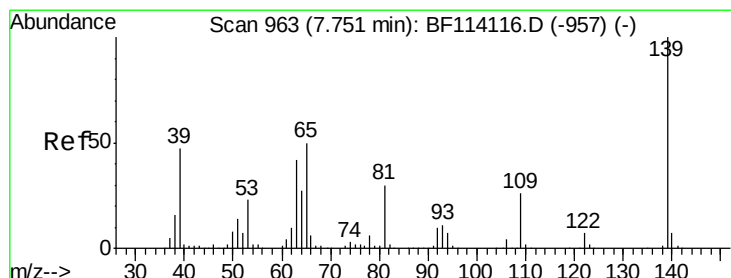
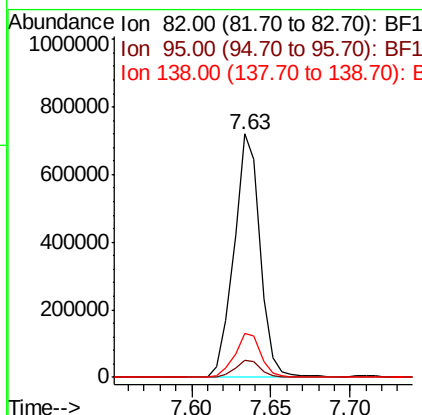
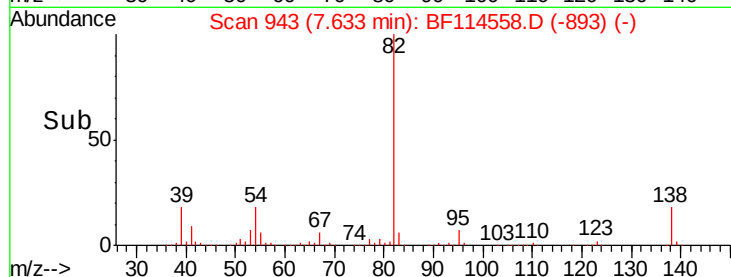
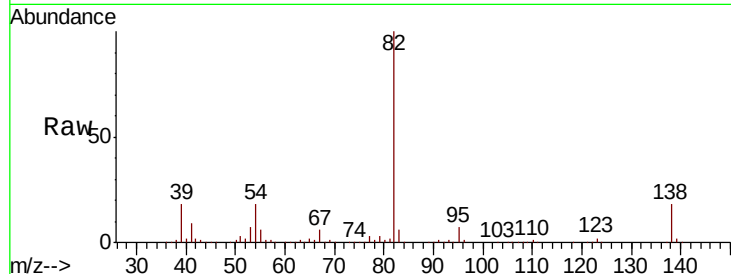
ClientSampleId :

PB119776BS

Tot Ion:	82	Resp:	819657
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.6	8.4
138	18.0	14.8	22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.446 ng

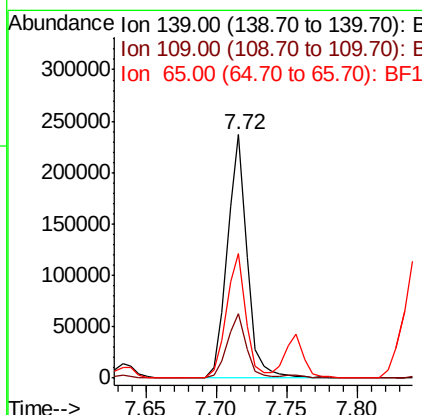
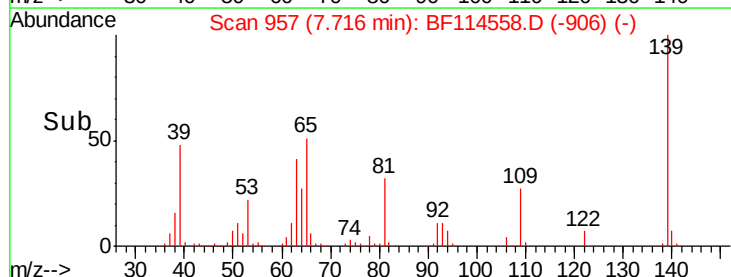
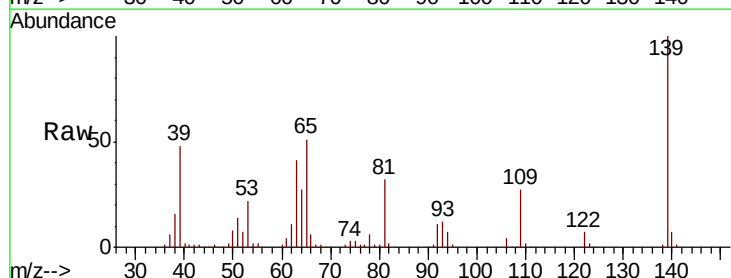
RT: 7.72 min Scan# 957

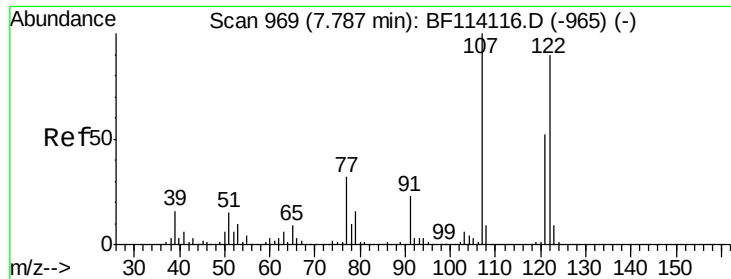
Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Tgt Ion:	139	Resp:	231838
Ion Ratio		Lower	Upper
139	100		
109	26.6	20.7	31.1
65	51.1	40.2	60.2





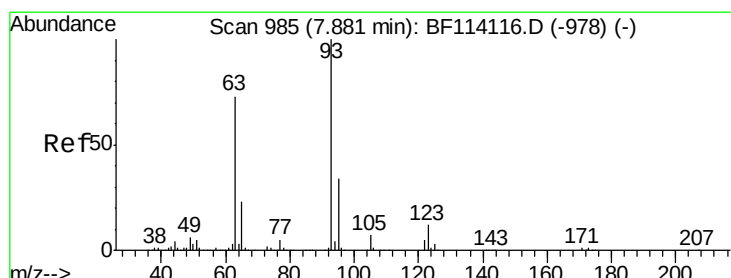
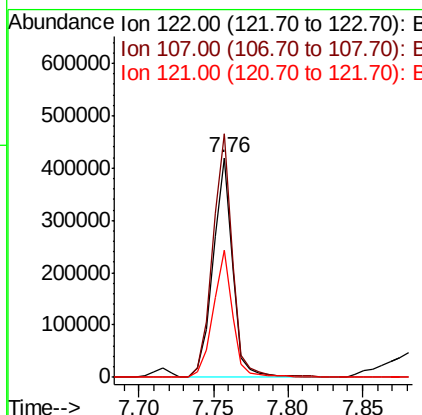
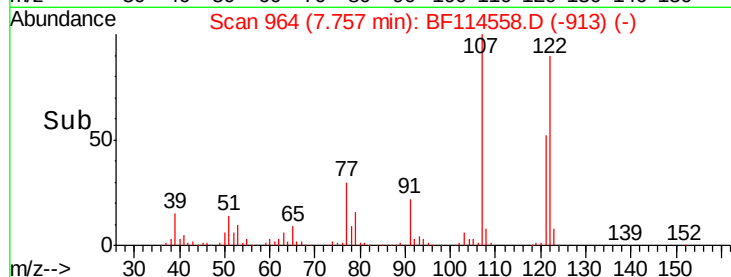
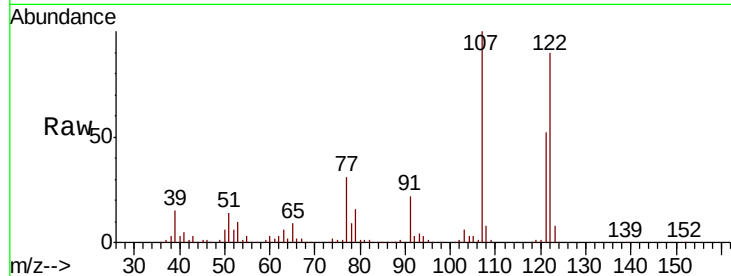
#27
2,4-Dimethylphenol
Concen: 48.283 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	88.4	132.6
121	57.9	45.9	68.9

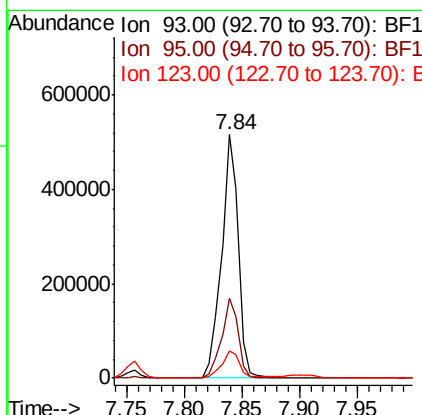
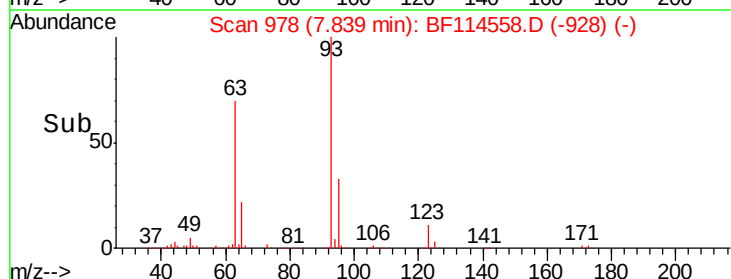
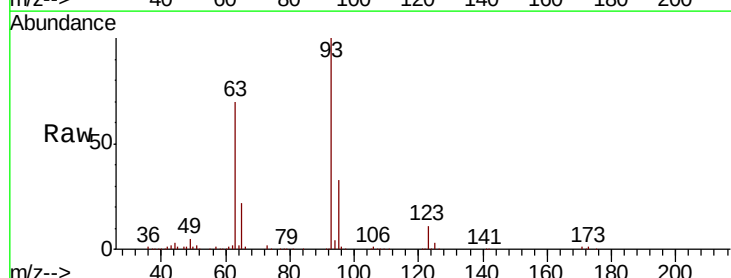
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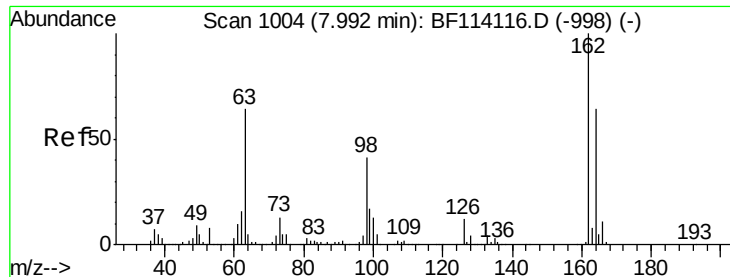
mohammad
5/27/2019 3:47:54 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.861 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.8	40.2
123	11.3	9.5	14.3





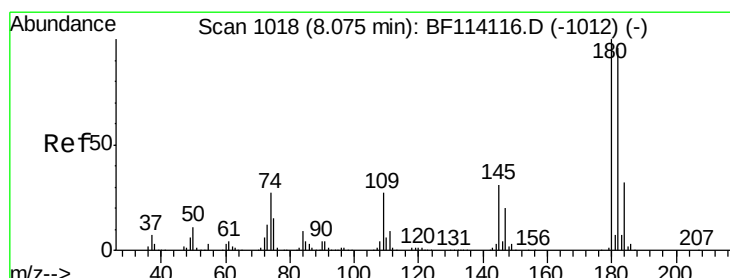
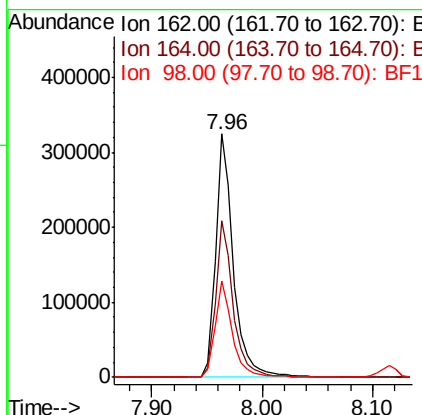
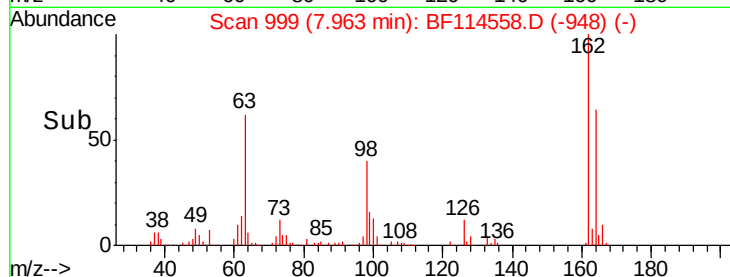
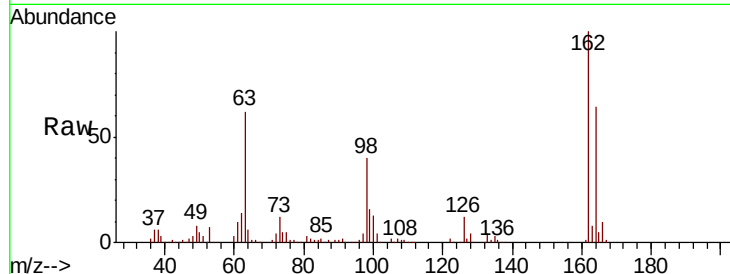
#29
2,4-Dichlorophenol
Concen: 46.010 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	359171		
164	64.2	43.6	83.6	
98	39.6	20.6	60.6	

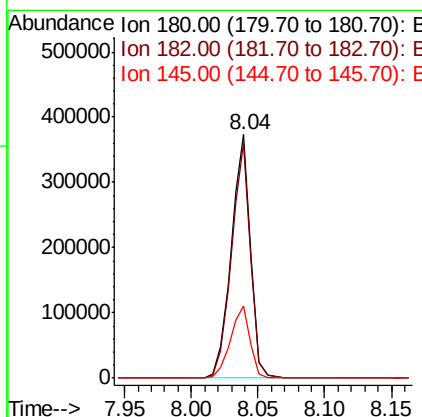
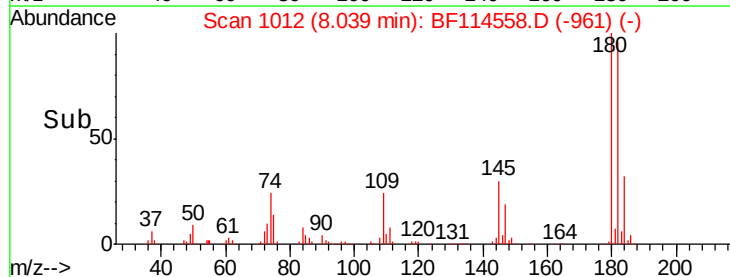
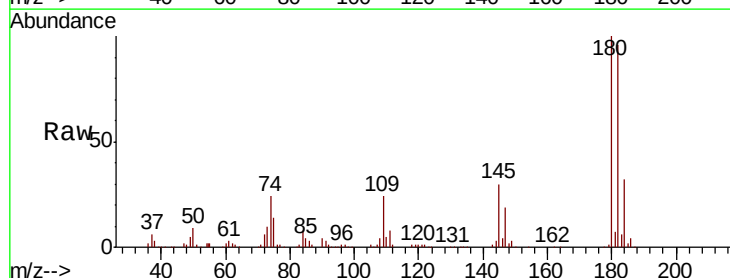
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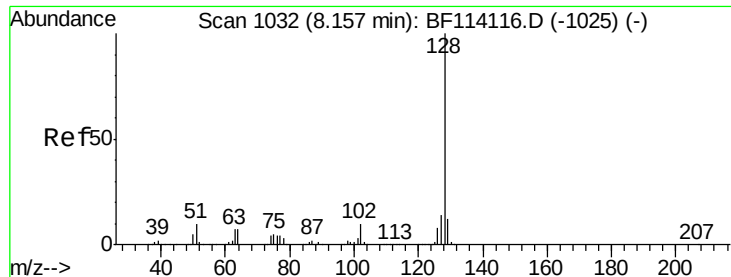
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#30
1,2,4-Trichlorobenzene
Concen: 42.468 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	376990		
182	96.5	76.6	114.8	
145	29.5	25.1	37.7	





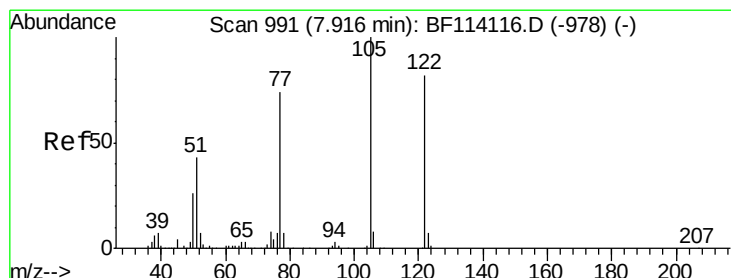
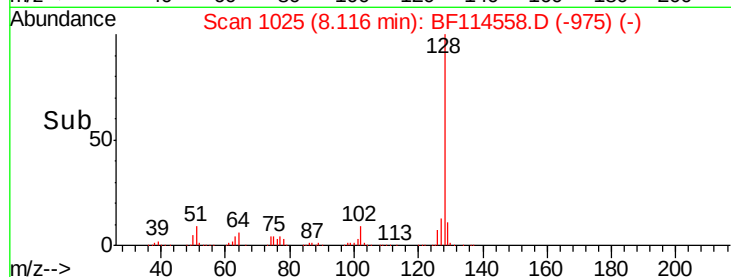
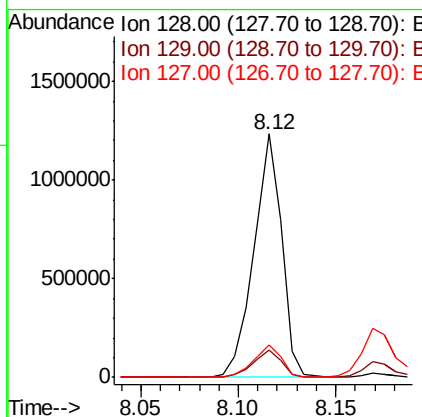
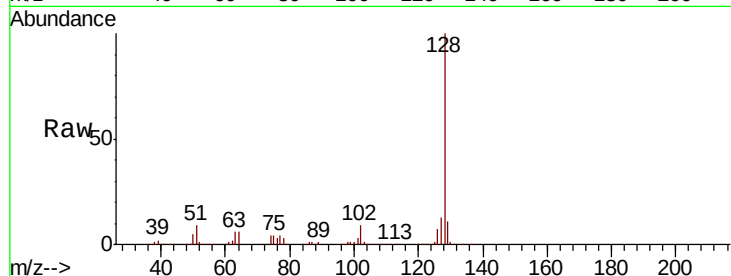
#31
Naphthalene
Concen: 46.054 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.6	14.4
127	13.5	11.3	16.9

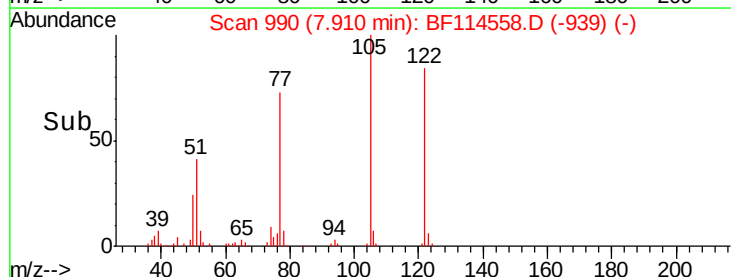
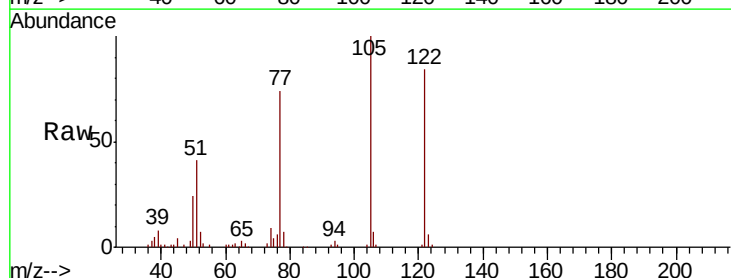
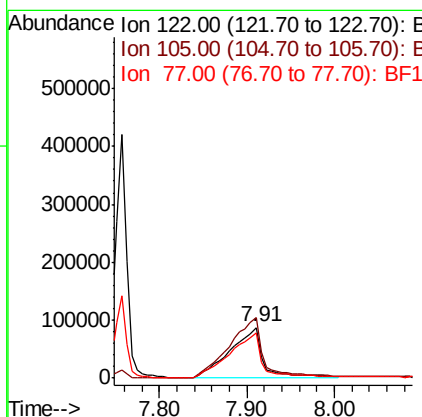
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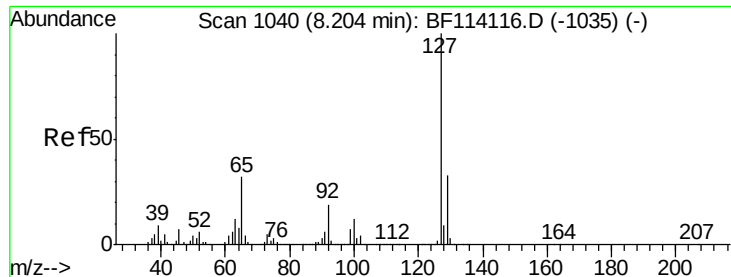
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#32
Benzoic acid
Concen: 40.679 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.1	99.9	139.9
77	87.9	69.4	109.4





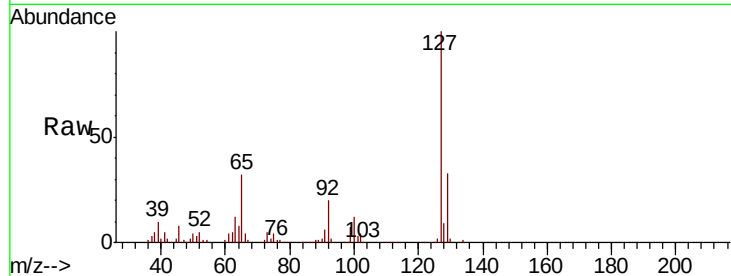
#33
4-Chloroaniline
Concen: 27.547 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

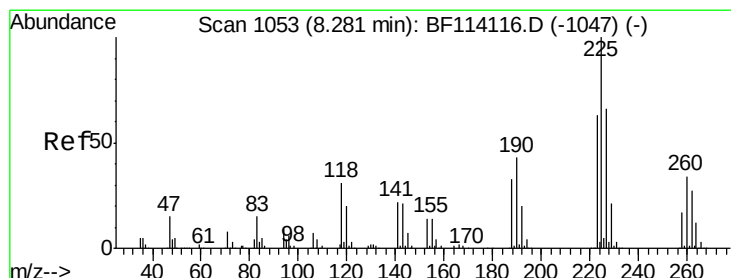
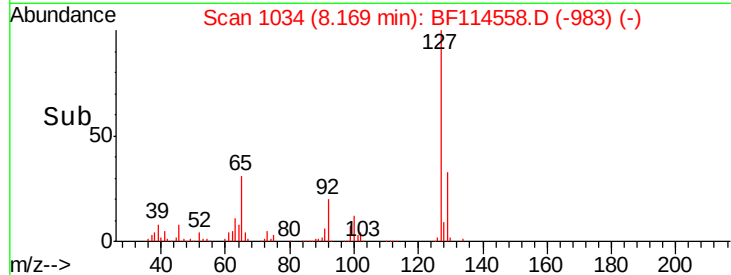
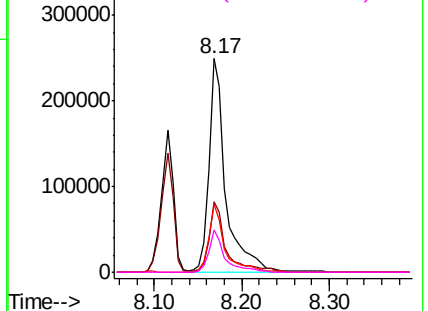
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.7	40.1	
65	31.6	25.4	38.0	
92	20.1	15.4	23.2	

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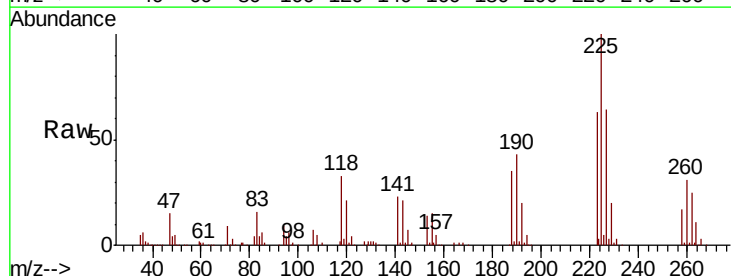


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

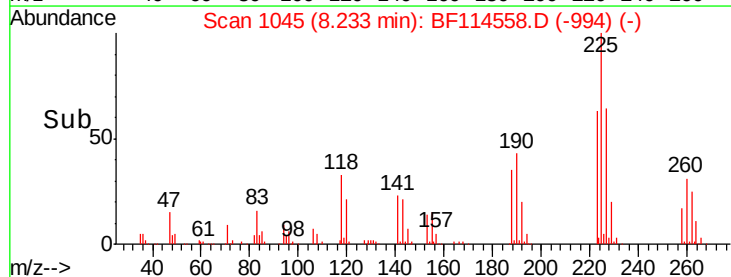
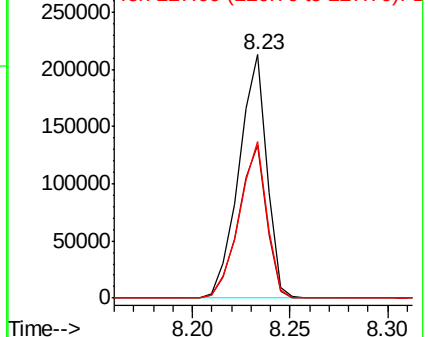


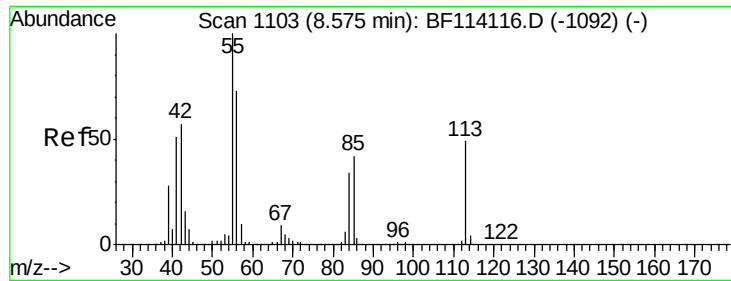
#34
Hexachlorobutadiene
Concen: 41.890 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.2	75.2	
227	64.1	52.6	79.0	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.902 ng/ml

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

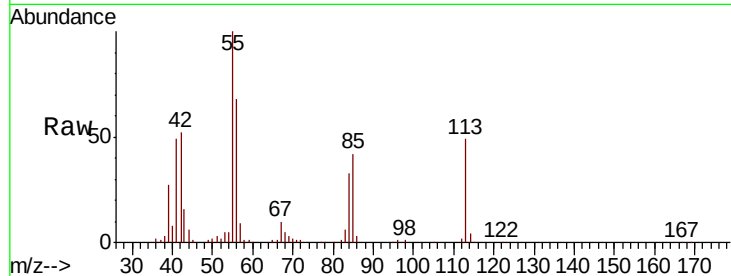
ClientSampled :

PB119776BS

Tot Ion:	113	Resp:	124478
Ion Ratio	Lower	Upper	
113	100		
55	202.1	183.5	223.5
56	138.2	128.8	168.8

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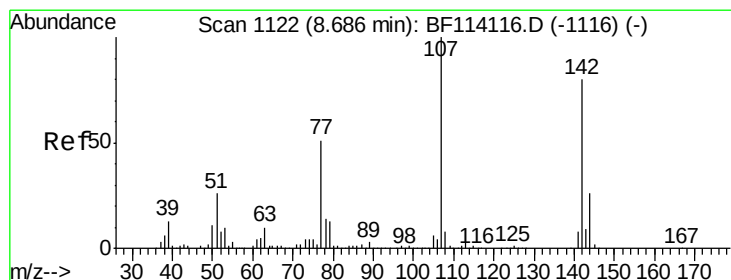
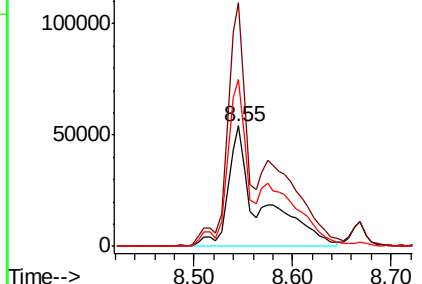
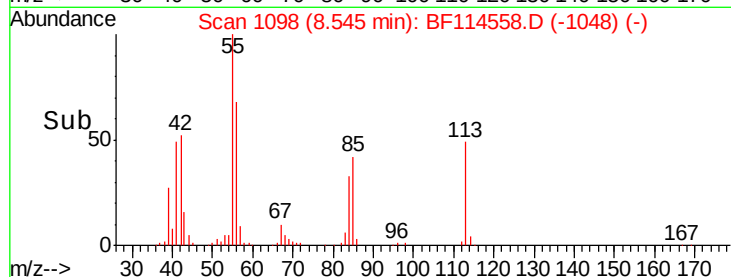
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.820 ng/ml

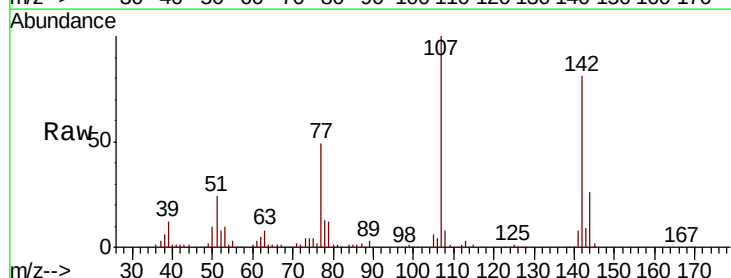
RT: 8.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

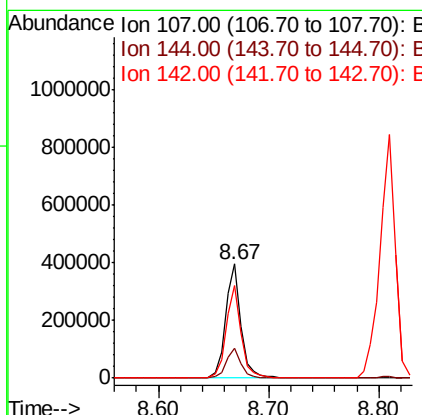
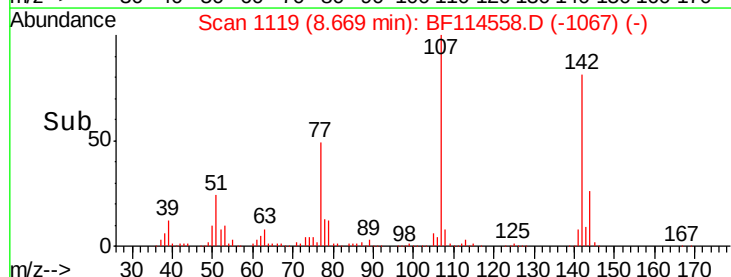
Tgt Ion:	107	Resp:	383622
Ion Ratio	Lower	Upper	
107	100		
144	26.0	20.4	30.6
142	81.3	64.2	96.4

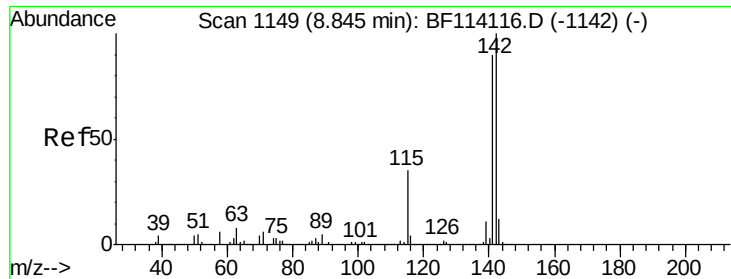


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





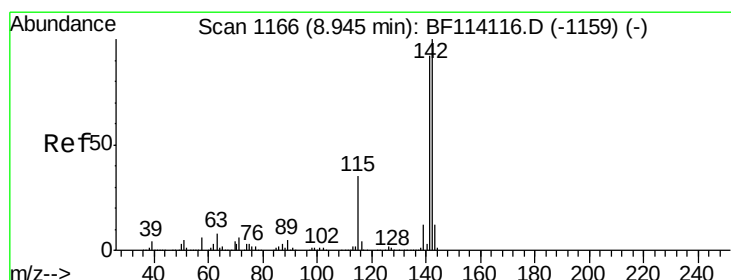
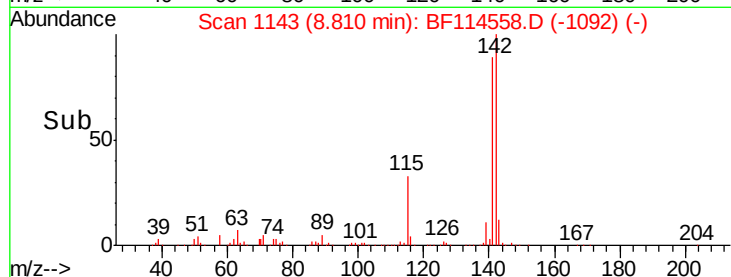
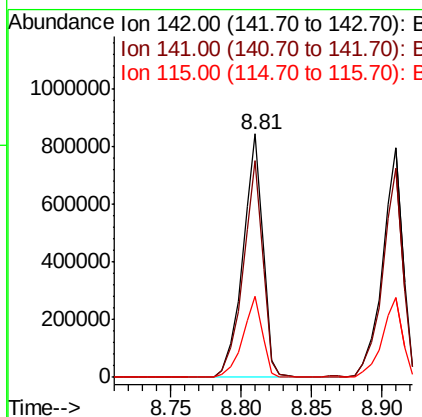
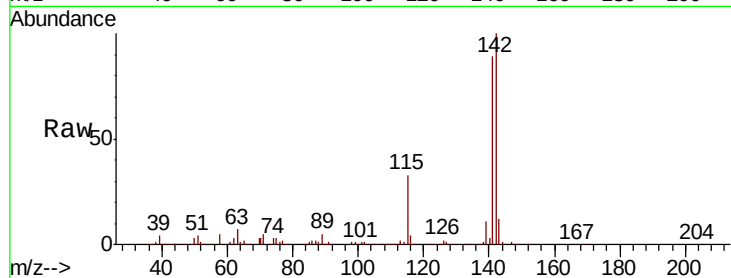
#37
2-Methylnaphthalene
Concen: 48.490 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.1	108.1
115	33.2	28.0	42.0

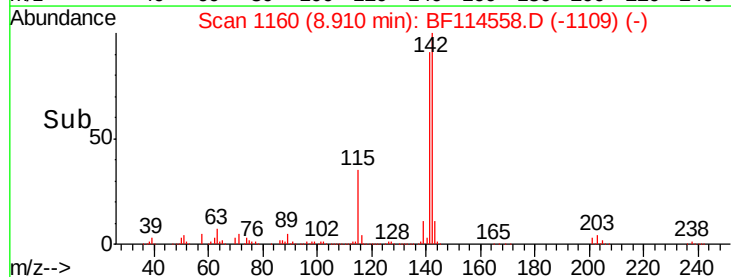
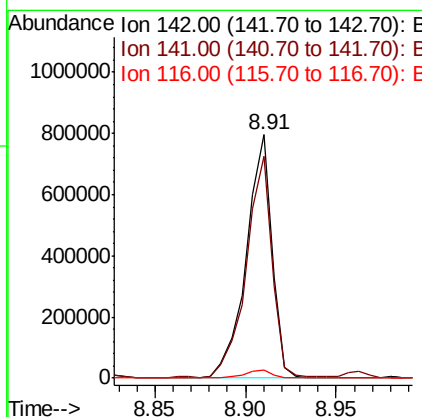
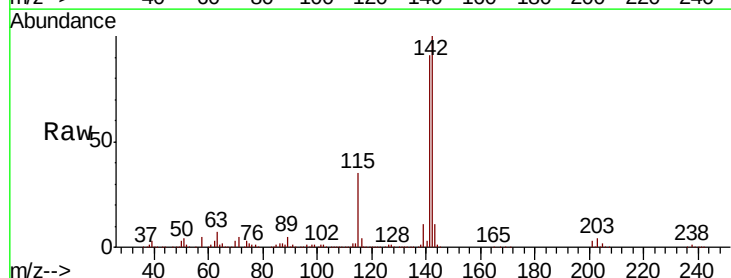
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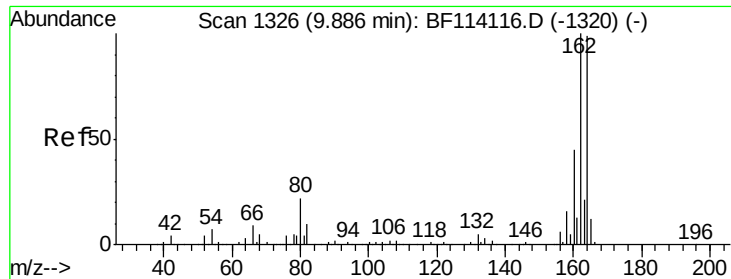
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#38
1-Methylnaphthalene
Concen: 48.618 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.4	110.0
116	3.6	3.1	4.7





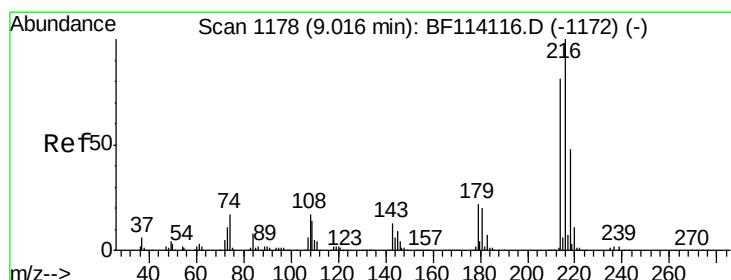
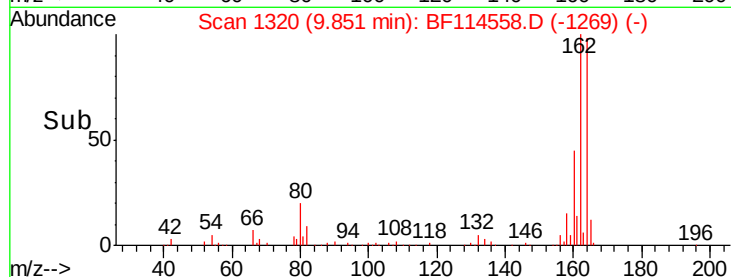
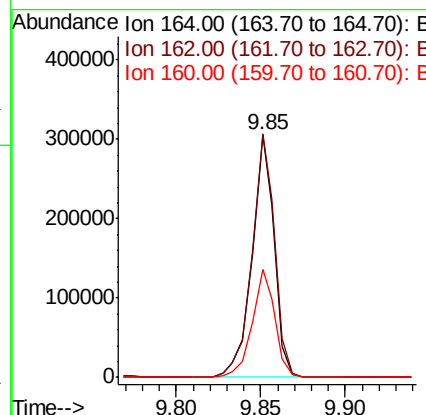
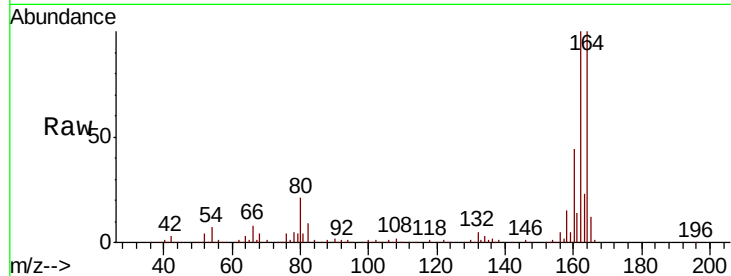
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.4	80.6	120.8	
160	44.6	36.5	54.7	

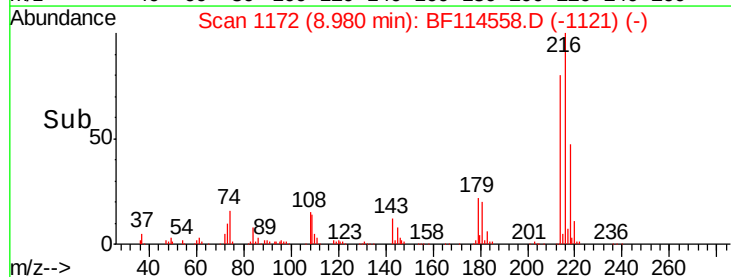
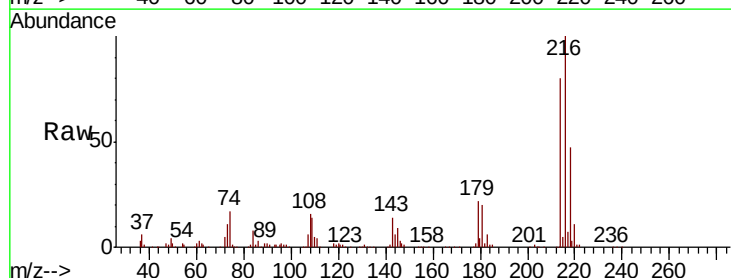
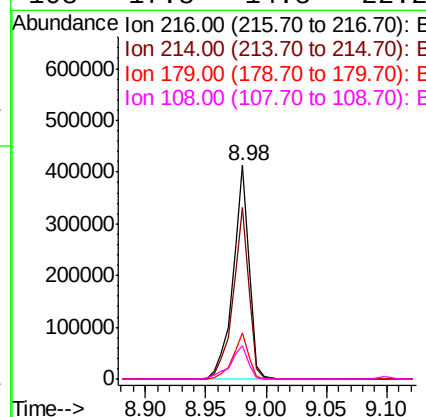
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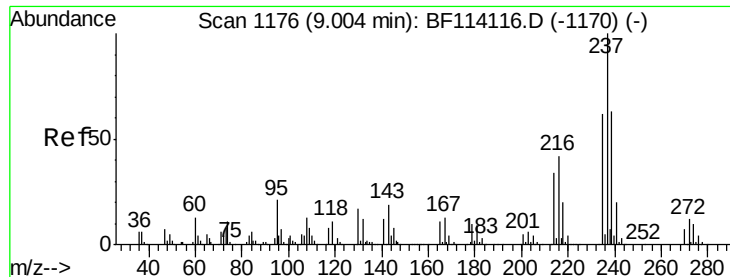
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.446 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.9	95.9	
179	21.0	17.0	25.6	
108	17.8	14.8	22.2	





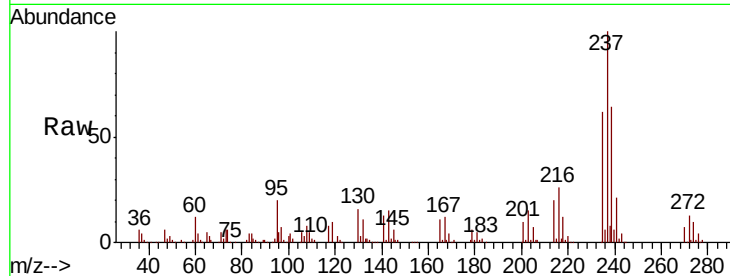
#41
Hexachlorocyclopentadiene
Concen: 38.510 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

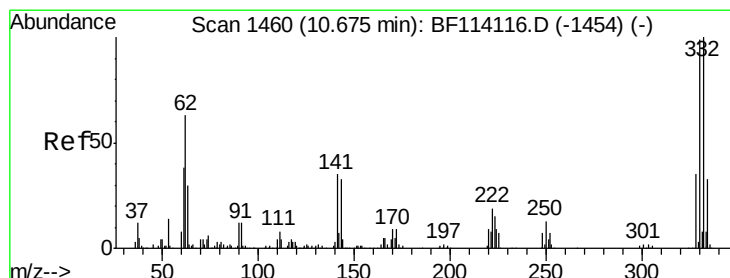
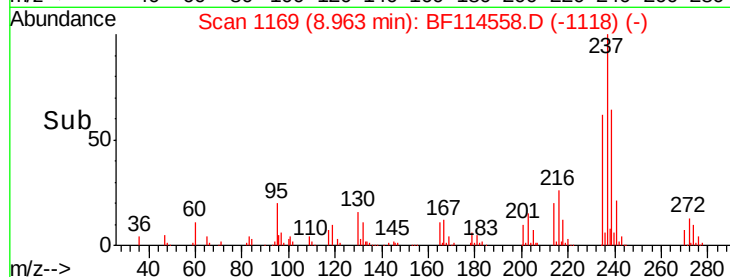
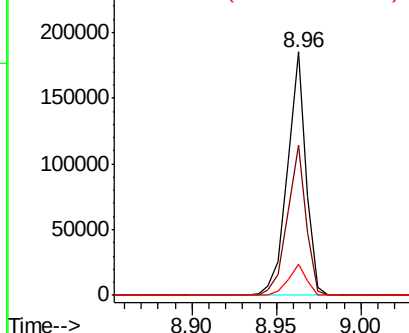
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.9	42.0	82.0
272	13.0	0.0	32.4

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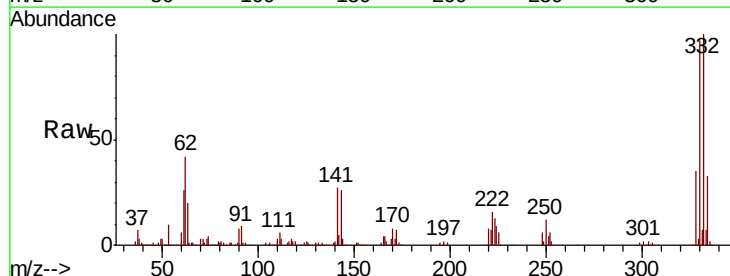


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

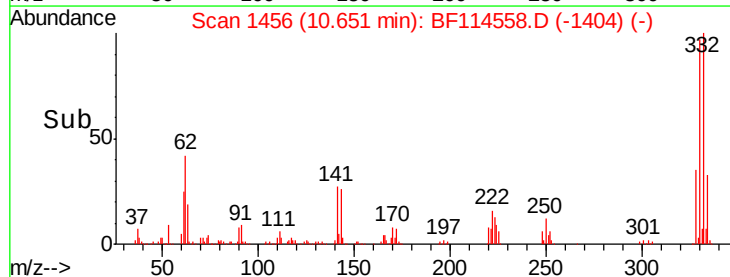
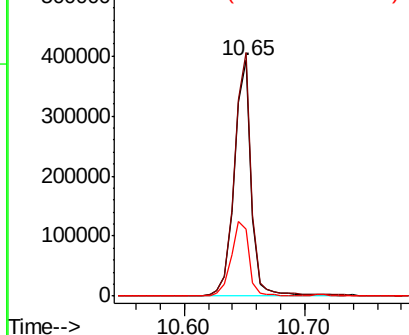


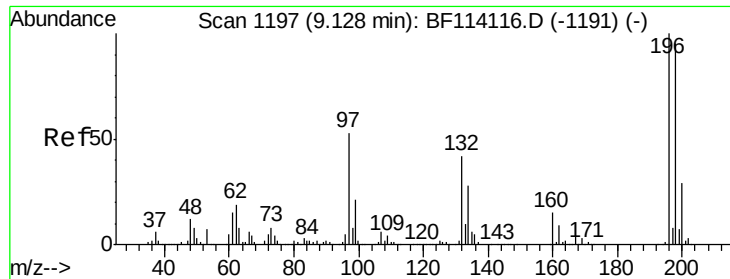
#42
2,4,6-Tribromophenol
Concen: 133.319 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	104.1	81.4	122.2
141	33.4	26.6	40.0



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





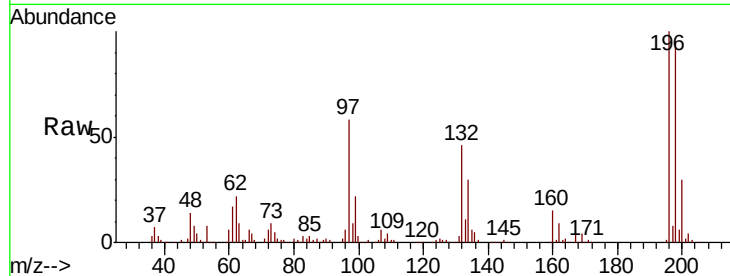
#43
 2,4,6-Trichlorophenol
 Concen: 41.736 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	243776		
198	94.5	75.9	113.9	
200	30.1	23.5	35.3	

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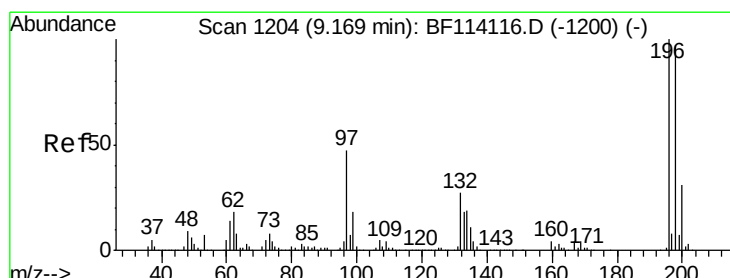
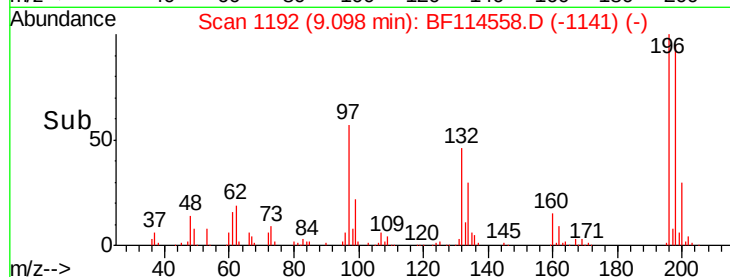
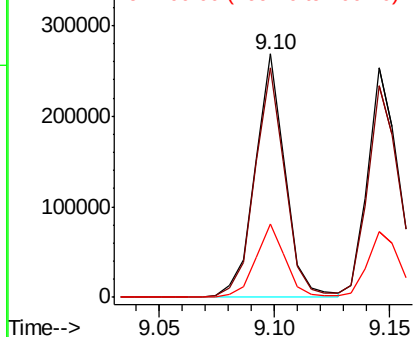


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.781 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256264		
198	92.1	77.7	116.5	
97	50.8	38.2	57.2	
132	28.8	21.4	32.2	

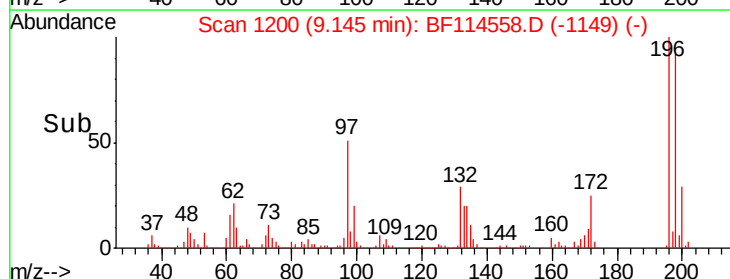
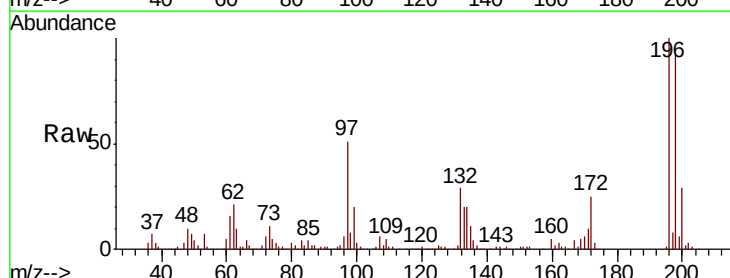
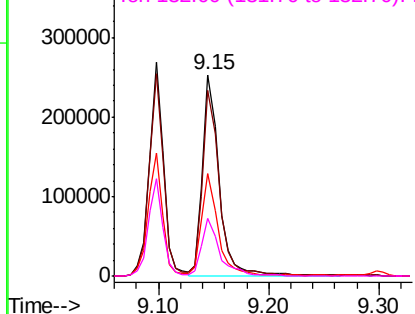
Abundance

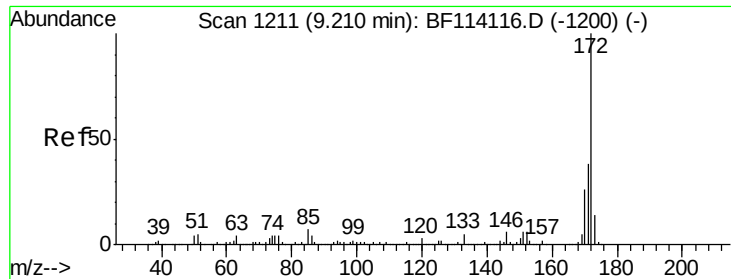
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





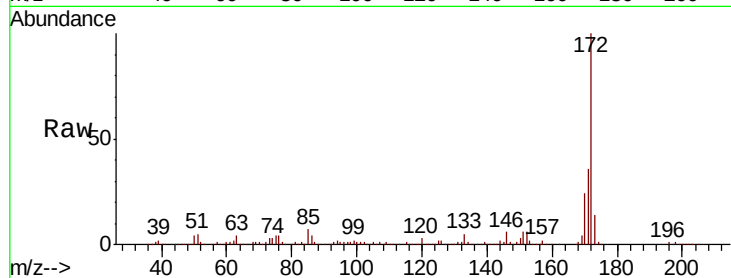
#45
2-Fluorobiphenyl
Concen: 90.109 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.7	46.1
170	24.1	20.5	30.7

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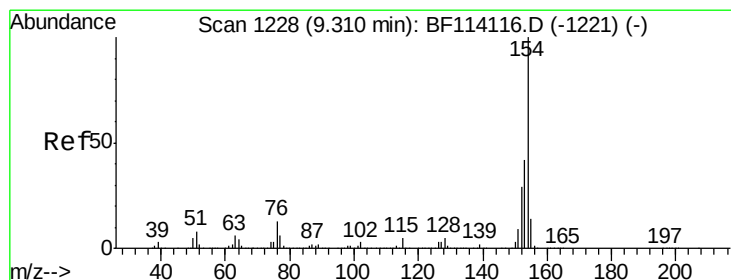
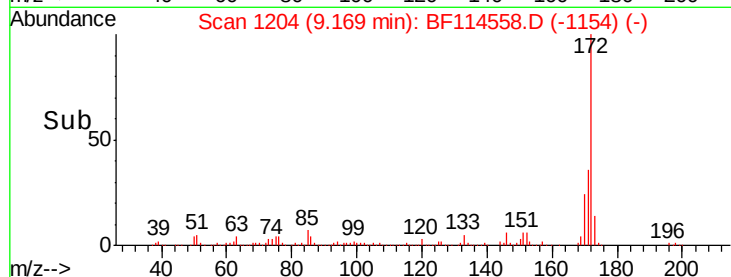
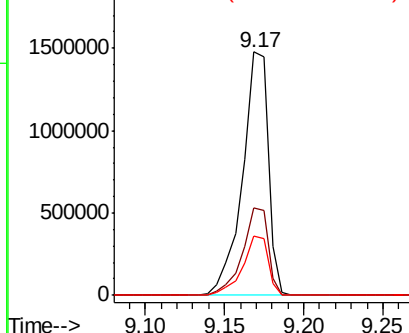


Abundance

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: 44.956 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

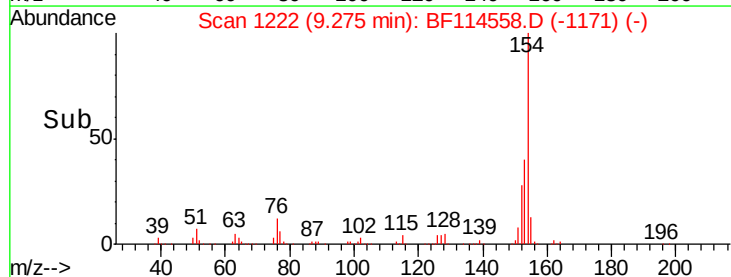
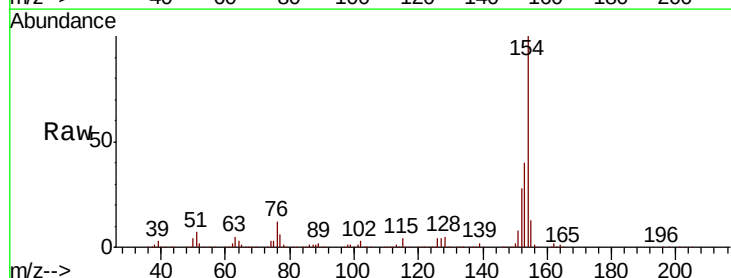
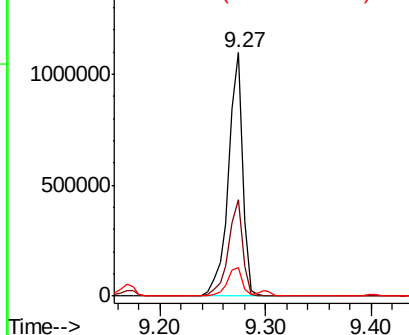
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.9	61.9
76	11.5	0.0	32.8

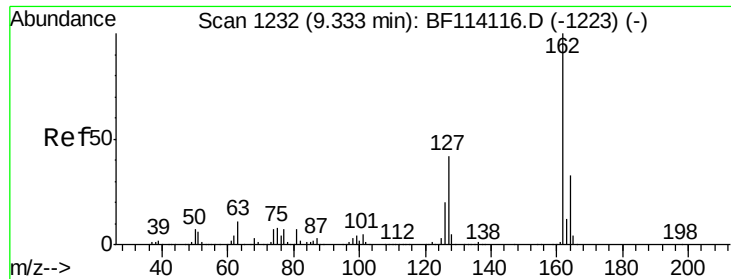
Abundance

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





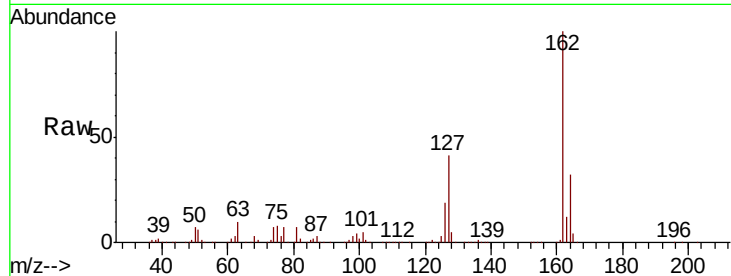
#47
 2-Chloronaphthalene
 Concen: 42.767 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

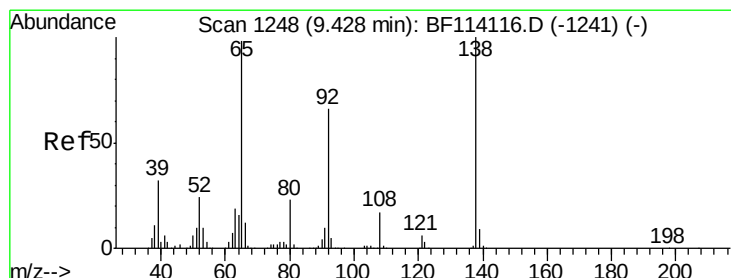
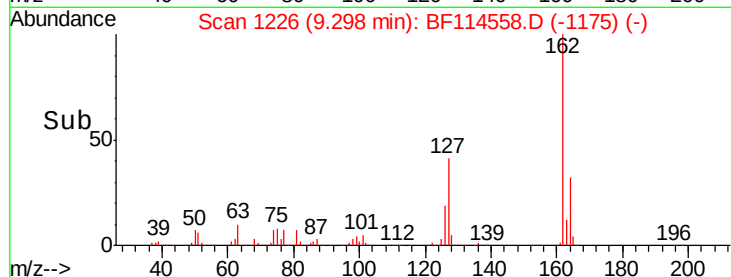
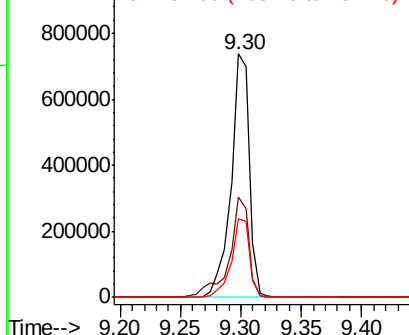
Tot Ion:	162	Resp:	779465
Ion Ratio	Lower	Upper	
162	100		
127	41.3	34.0	51.0
164	32.4	26.7	40.1

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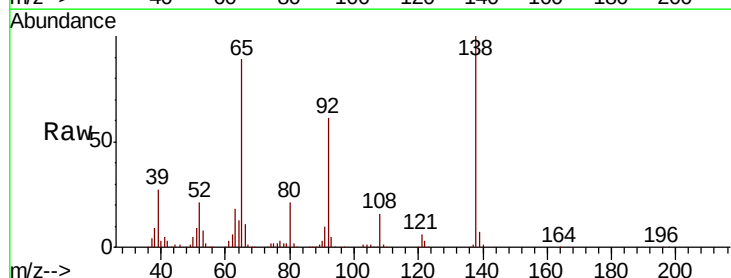


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

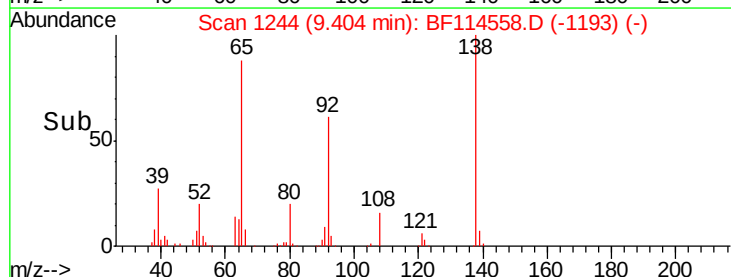
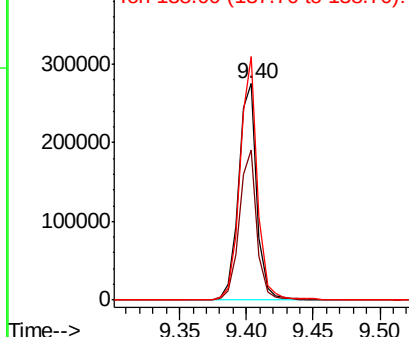


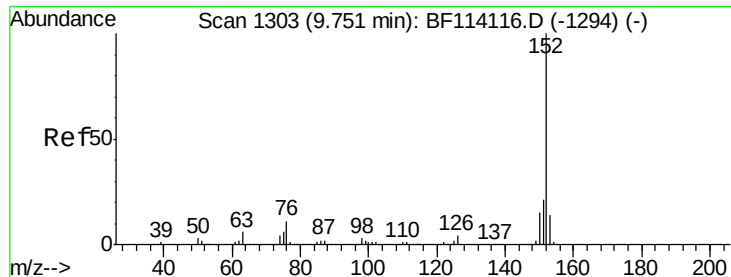
#48
 2-Nitroaniline
 Concen: 40.833 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion:	65	Resp:	263939
Ion Ratio	Lower	Upper	
65	100		
92	69.1	53.9	80.9
138	112.4	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





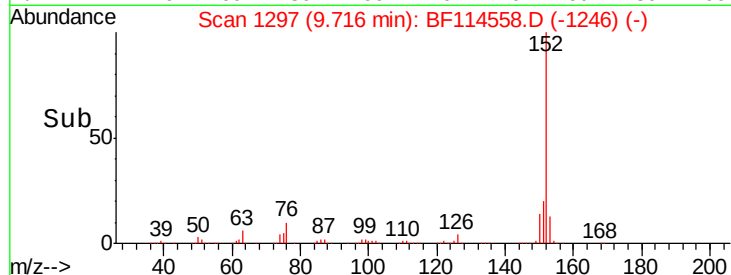
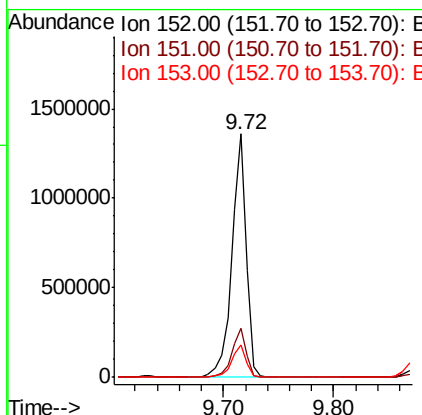
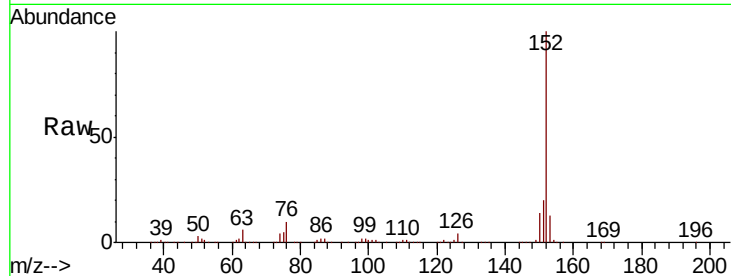
#49
Acenaphthylene
Concen: 44.636 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.3	11.4	17.2

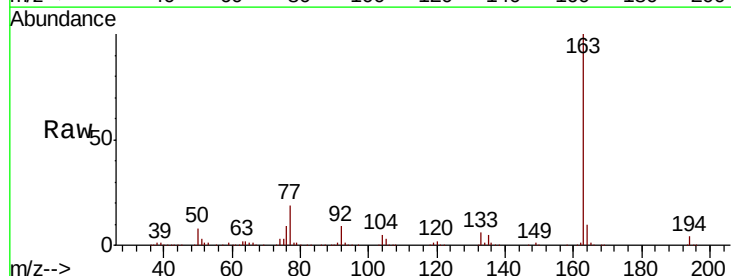
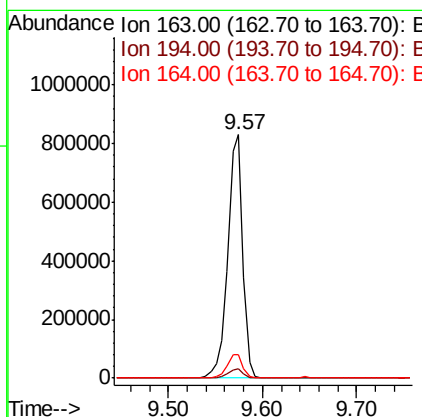
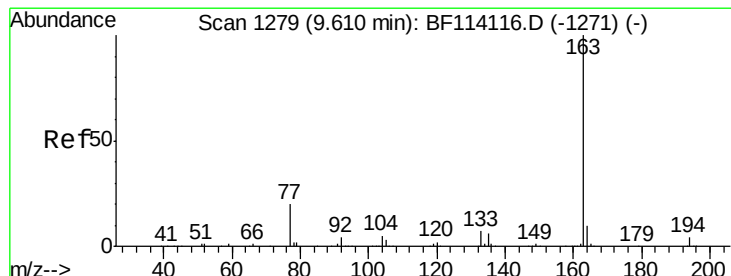
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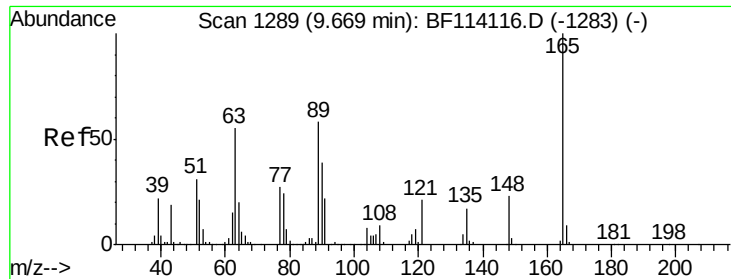
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#50
Dimethylphthalate
Concen: 44.271 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.6	8.2	12.2





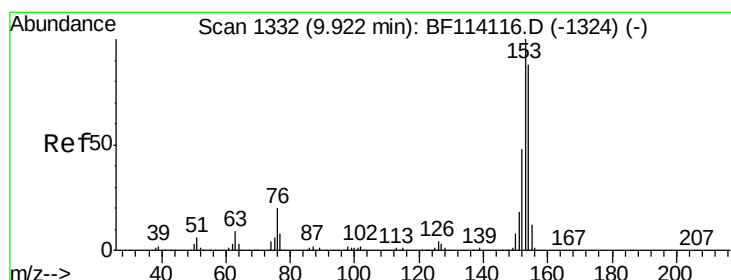
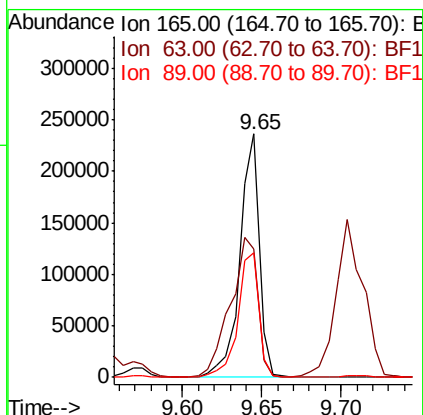
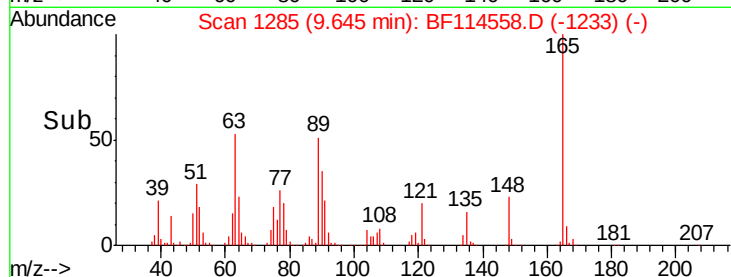
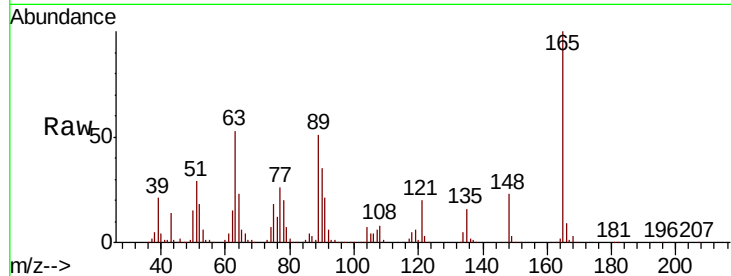
#51
 2,6-Dinitrotoluene
 Concen: 44.122 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	201391		
63	52.8		50.2	75.4
89	51.2		46.6	69.8

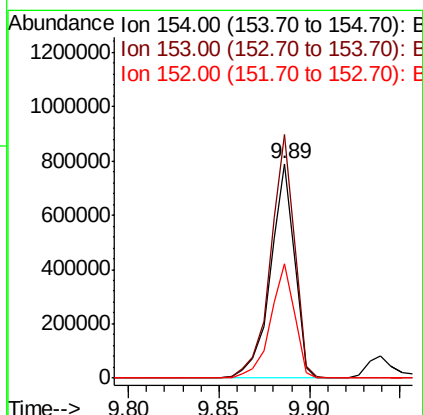
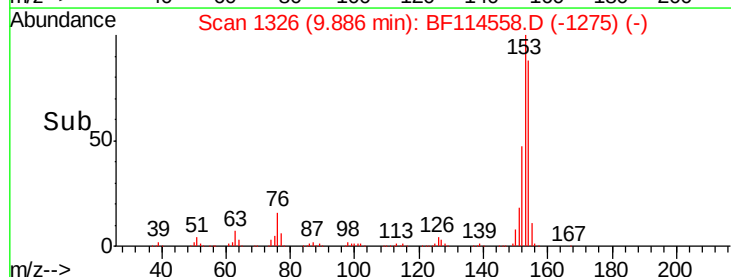
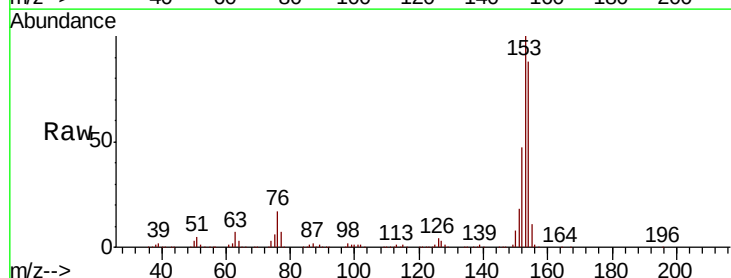
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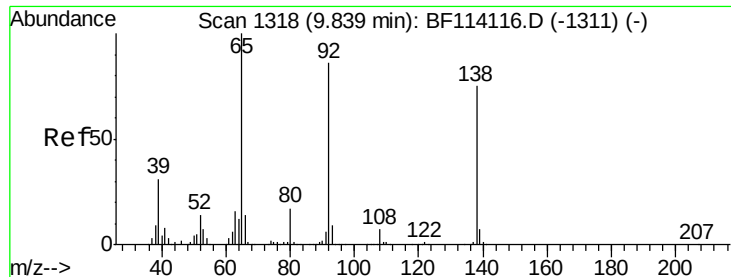
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#52
 Acenaphthene
 Concen: 42.523 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	723345		
153	113.6		90.5	135.7
152	53.3		43.4	65.2





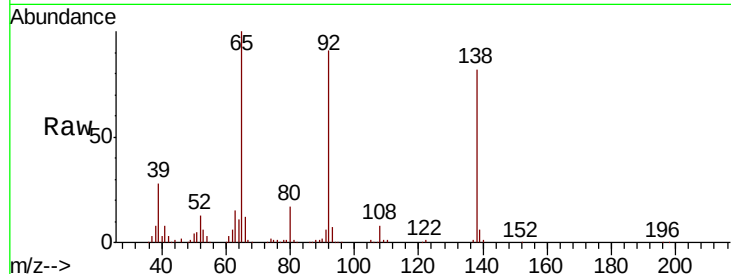
#53
3-Nitroaniline
Concen: 29.387 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampled :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	166506		
108	9.2	7.8	11.6	
92	111.1	91.2	136.8	

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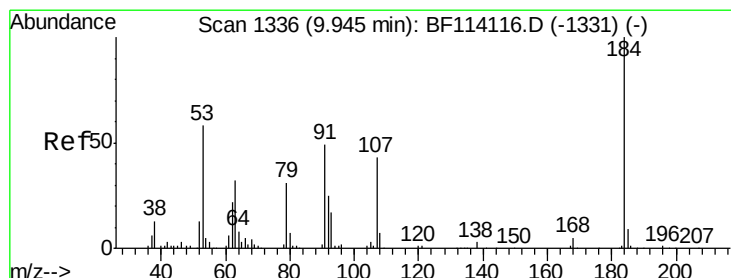
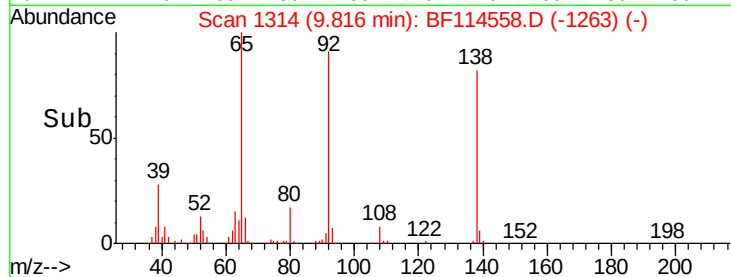
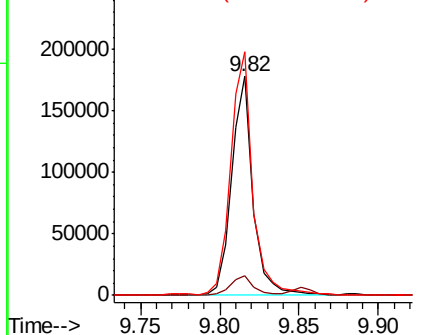


Abundance

Ion 138.00 (137.70 to 138.70): E

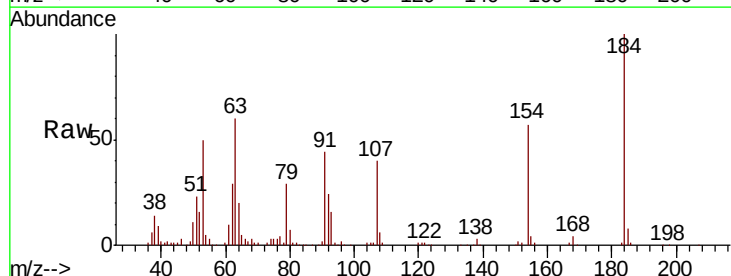
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 73.393 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	167052		
63	60.1	55.6	83.4	
154	56.8	46.0	69.0	

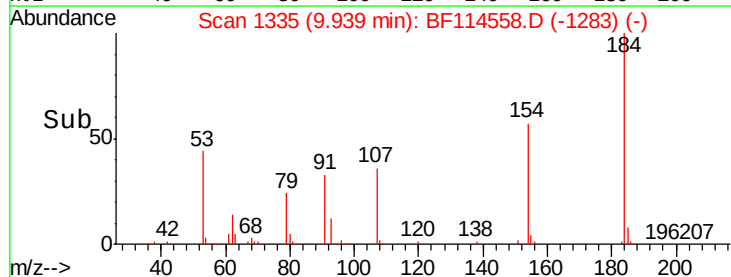
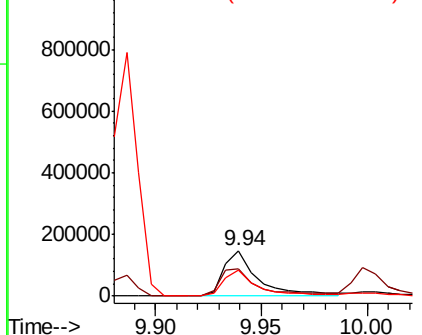


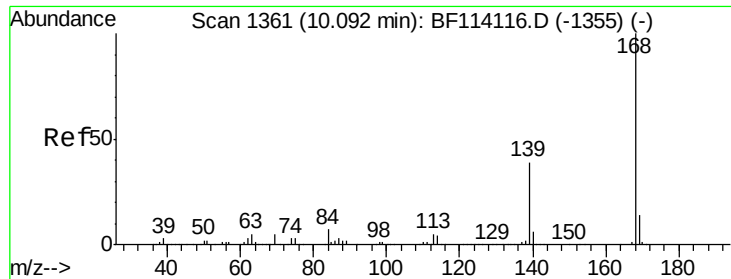
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





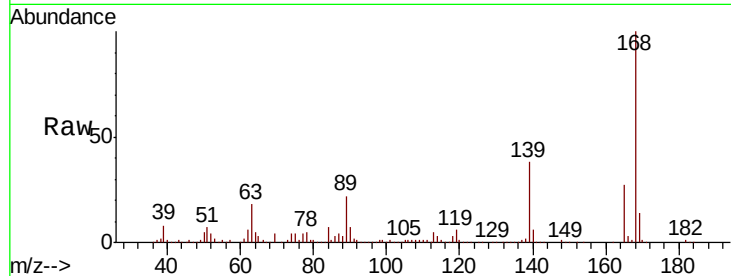
#55
Dibenzofuran
Concen: 42.584 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

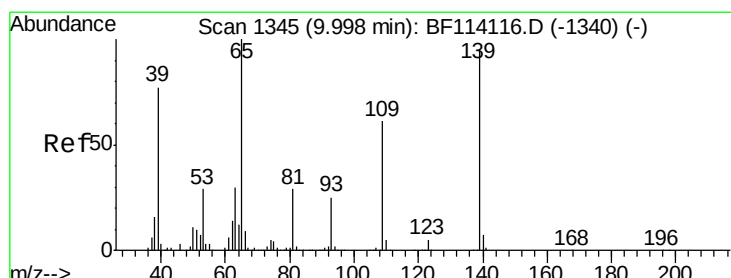
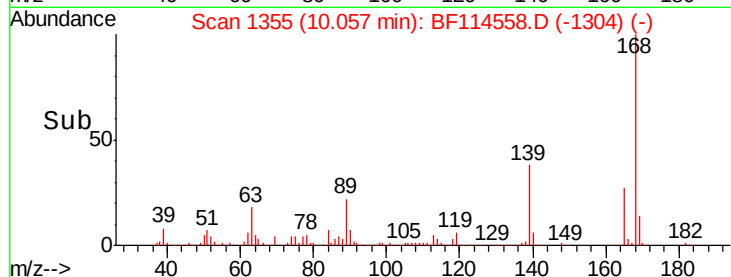
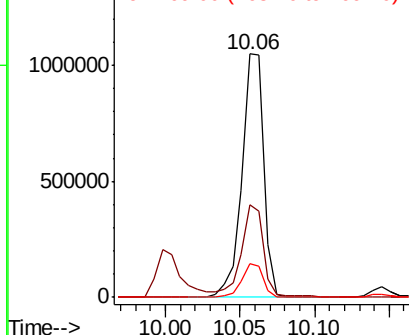
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	31.1	46.7
169	13.7	11.4	17.0

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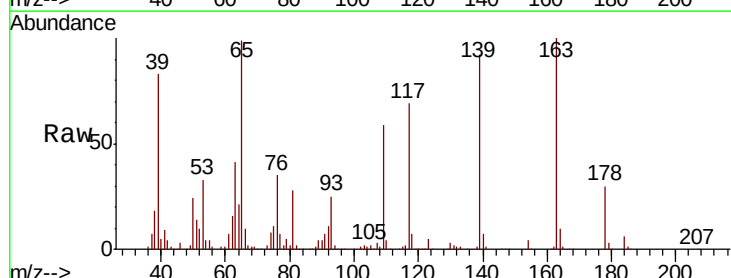


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

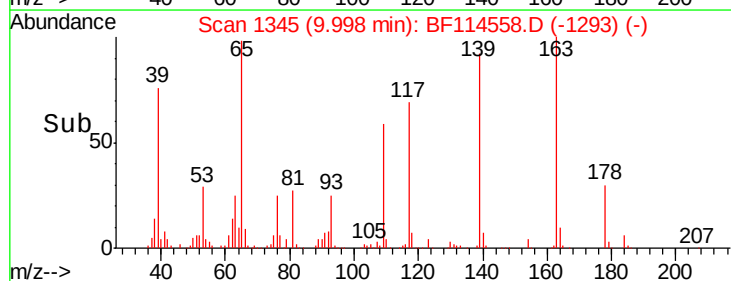
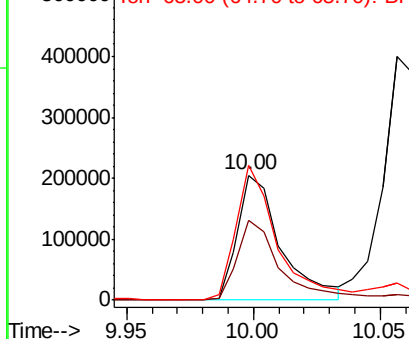


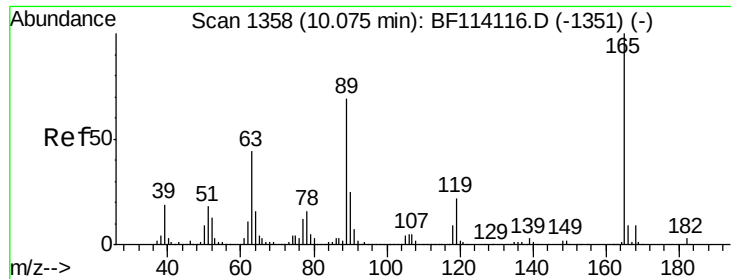
#56
4-Nitrophenol
Concen: 61.038 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.3	43.9	83.9
65	107.8	85.7	125.7



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





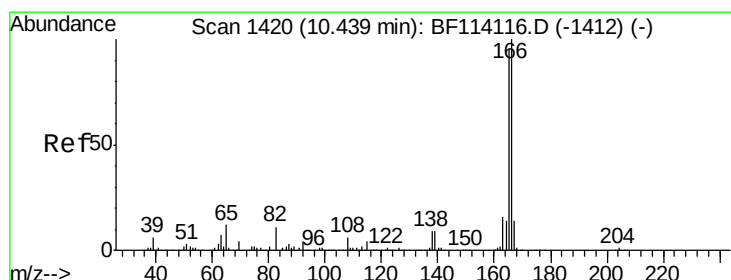
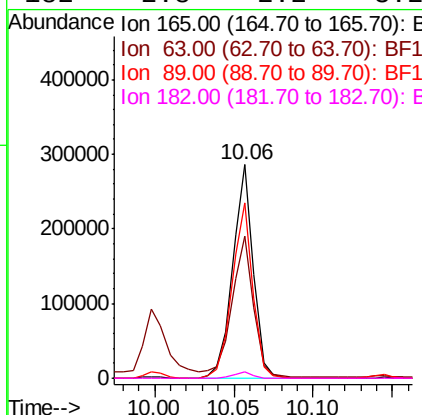
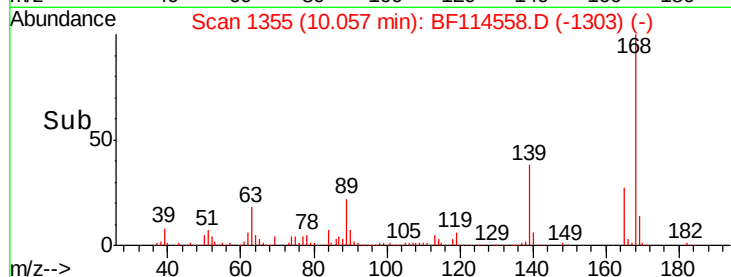
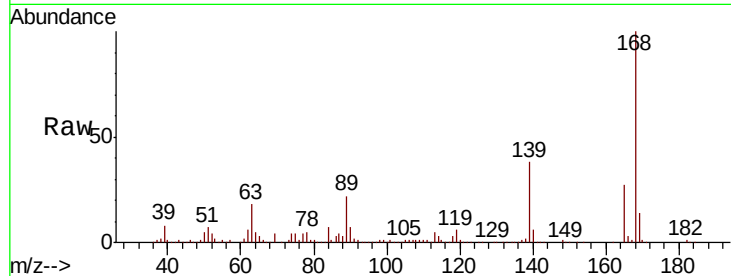
#57
2,4-Dinitrotoluene
Concen: 41.451 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		256801		
63	66.6	35.5		53.3	#
89	82.1	55.2		82.8	
182	2.8	2.2		3.2	

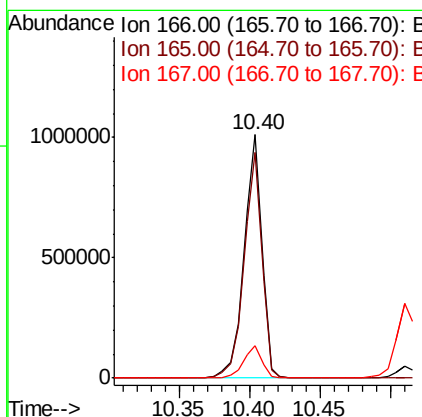
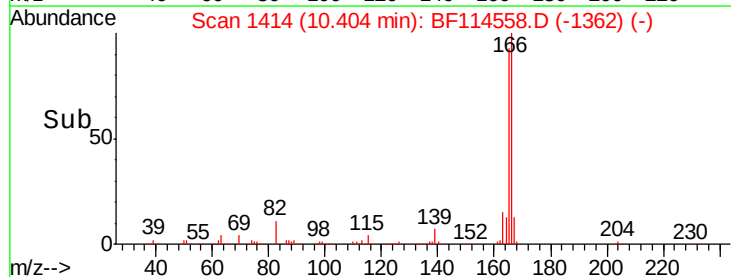
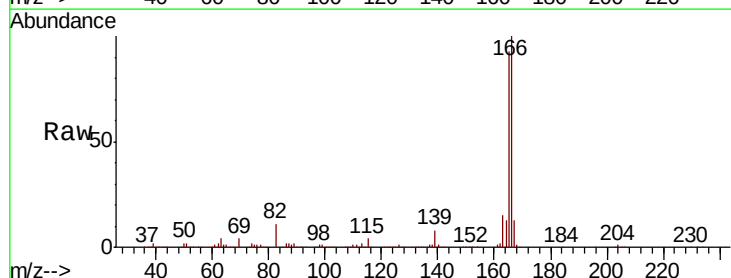
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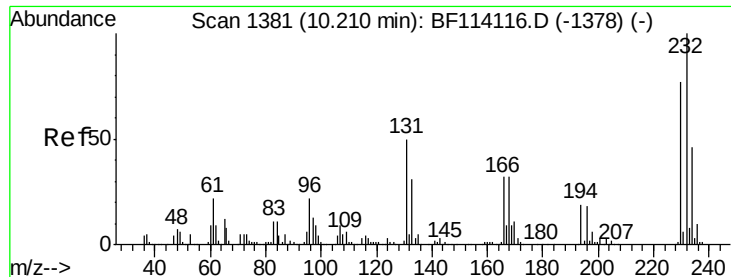
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#58
Fluorene
Concen: 45.945 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		885213		
165	92.6	76.1		114.1	
167	13.3	11.1		16.7	





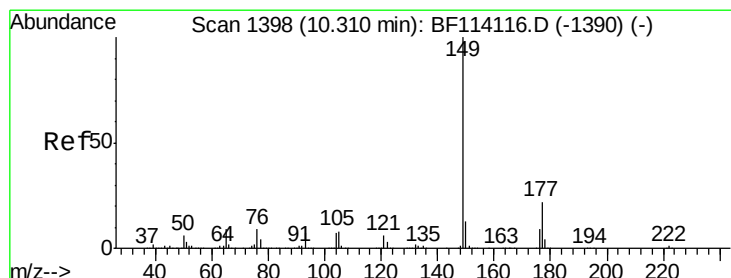
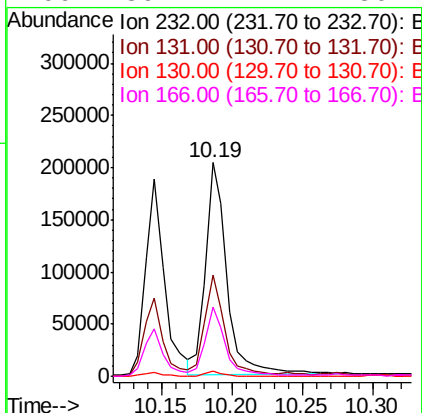
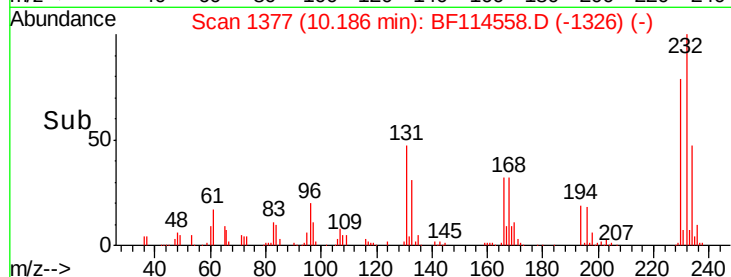
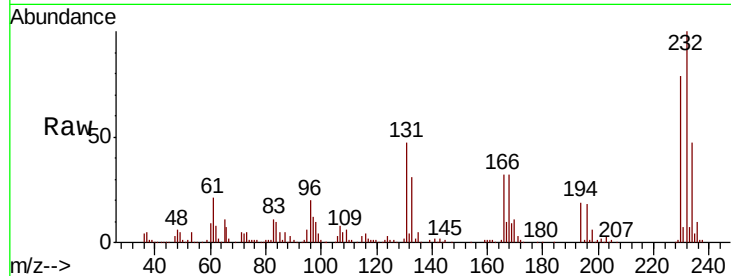
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.229 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	213091		
131	44.4	35.6	53.4	
130	2.1	1.6	2.4	
166	30.4	24.1	36.1	

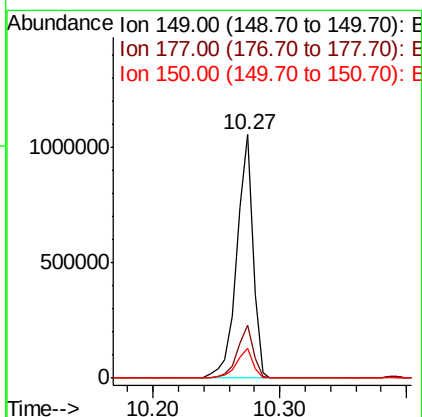
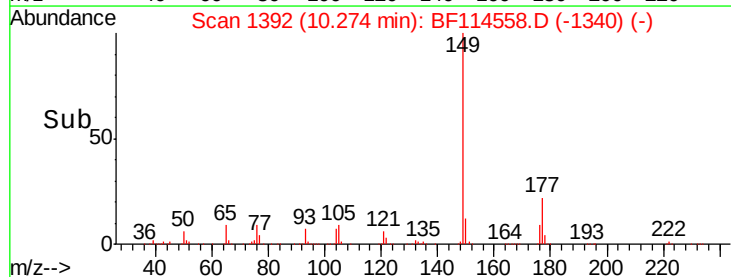
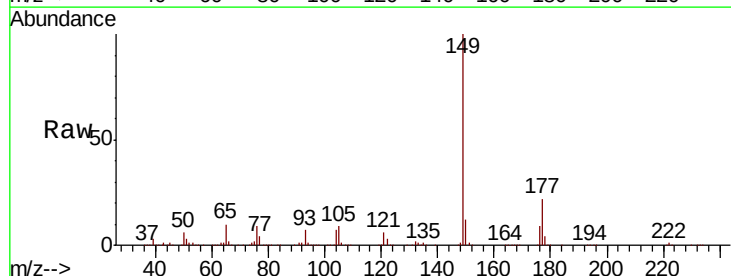
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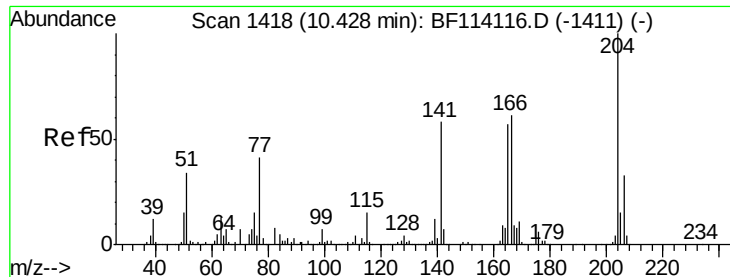
mohammad
5/27/2019 3:47:54 AM



#60
Diethylphthalate
Concen: 43.892 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	917754		
177	21.9	17.8	26.6	
150	12.5	10.2	15.2	





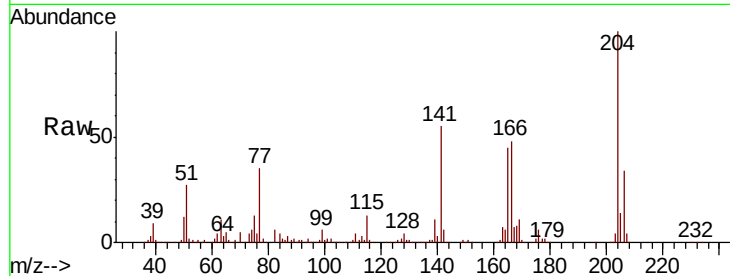
#61
 4-Chlorophenyl-phenylether
 Concen: 44.406 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

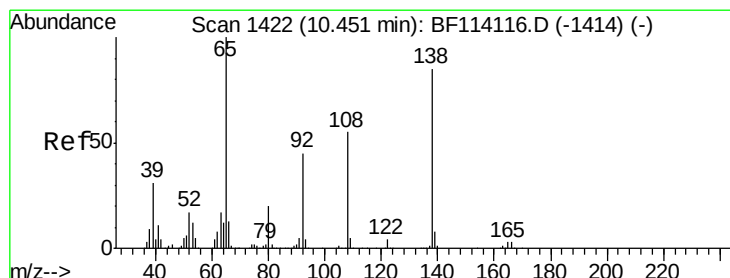
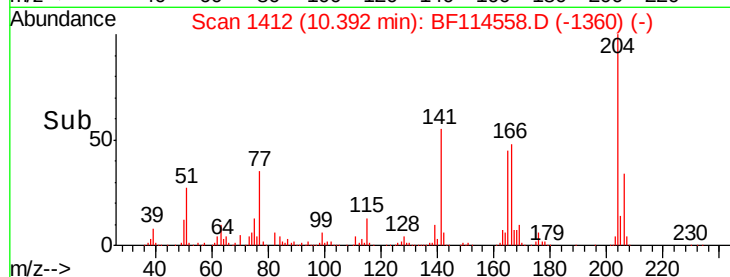
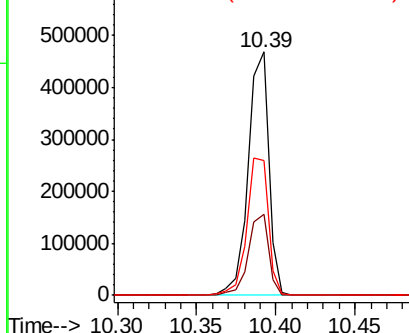
Tot Ion:	204	Resp:	420204
Ion Ratio		Lower	Upper
204	100		
206	33.5	26.6	39.8
141	55.1	46.4	69.6

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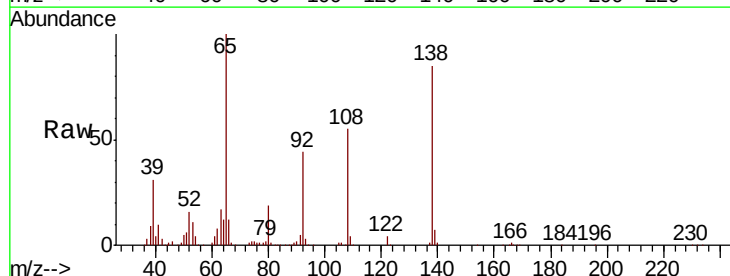


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

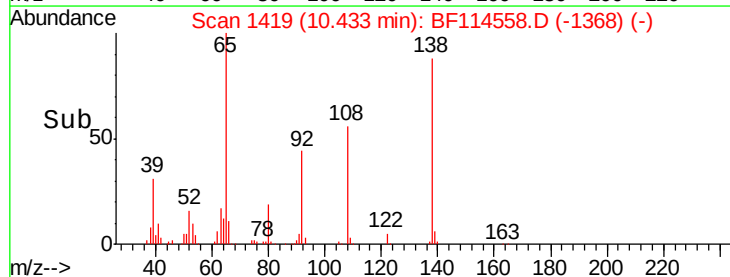
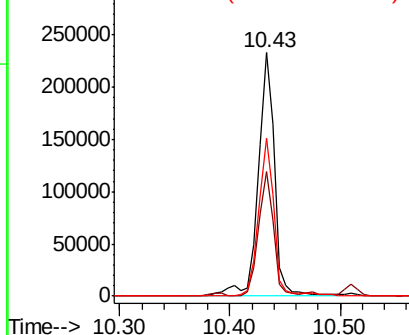


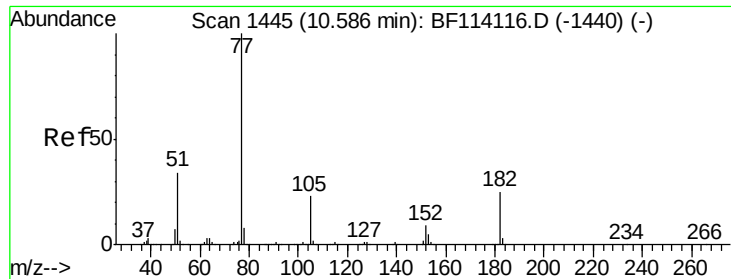
#62
 4-Nitroaniline
 Concen: 40.929 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion:	138	Resp:	243687
Ion Ratio		Lower	Upper
138	100		
92	51.0	33.0	73.0
108	65.0	44.9	84.9



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





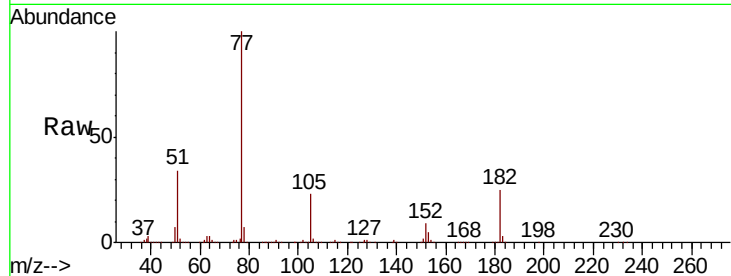
#63
Azobenzene
Concen: 43.067 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	4.7	44.7
105	23.3	2.9	42.9
51	34.0	14.6	54.6

Manual Integrations
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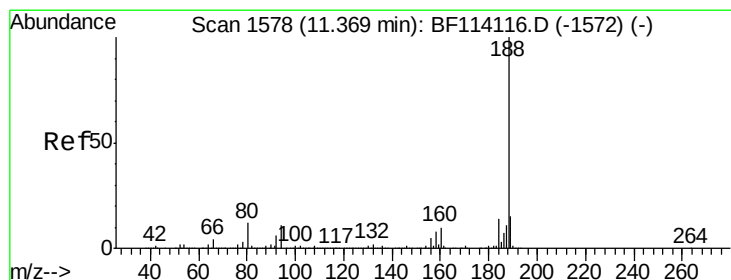
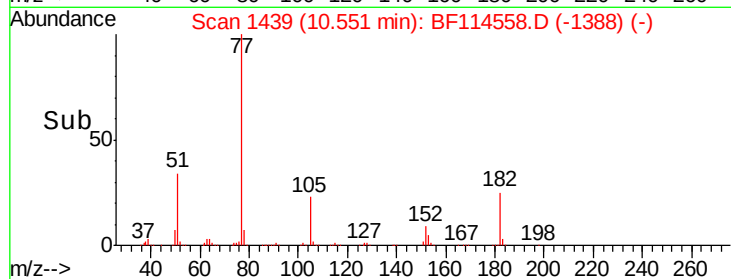
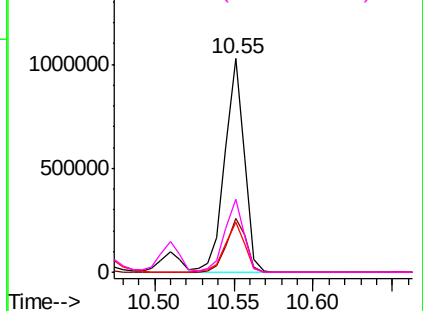
Abundance

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: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

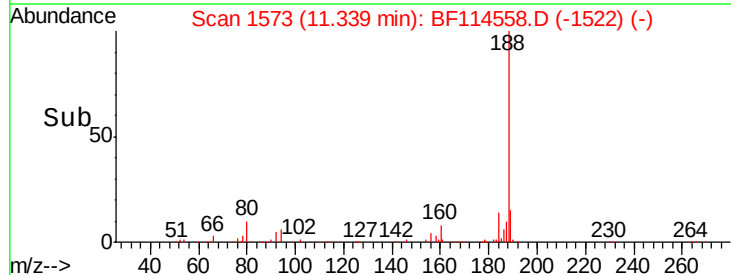
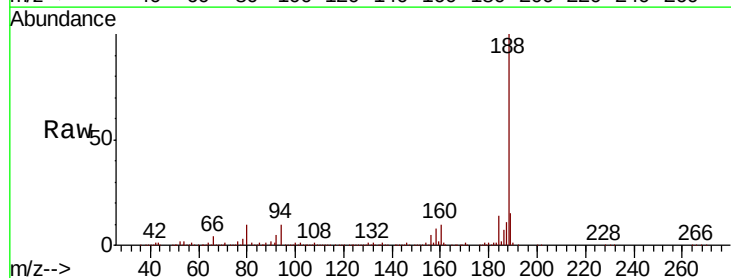
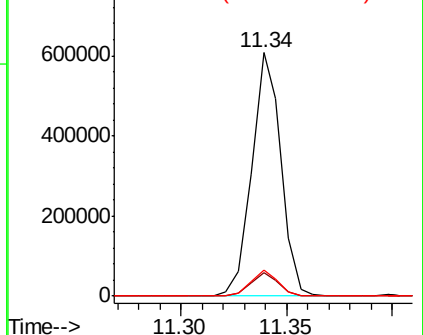
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.4	12.6
80	10.5	9.2	13.8

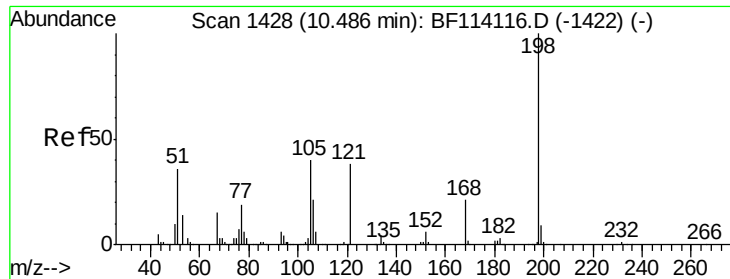
Abundance

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





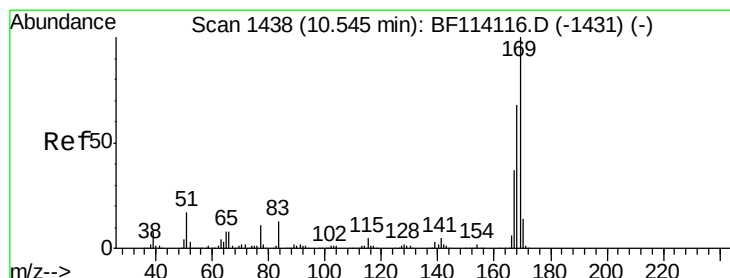
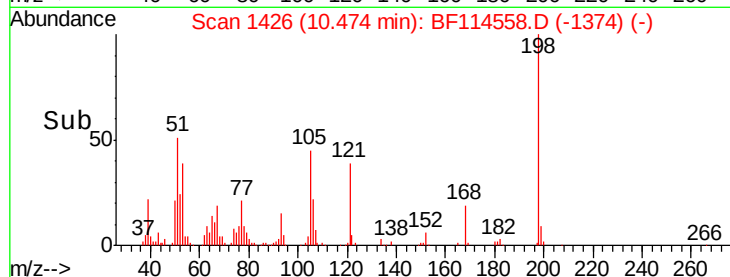
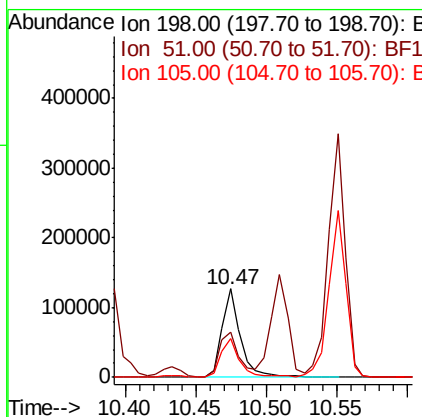
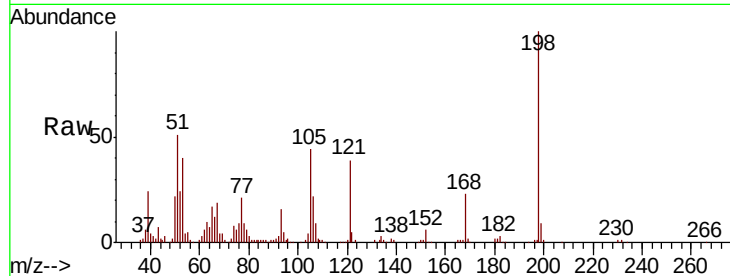
#65
4,6-Dinitro-2-methylphenol
Concen: 41.578 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	115946		
51	51.2	28.0	68.0	
105	44.2	21.1	61.1	

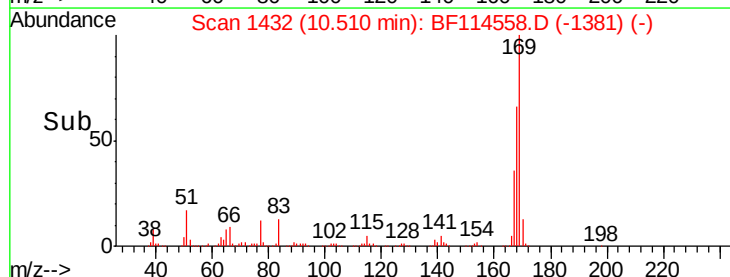
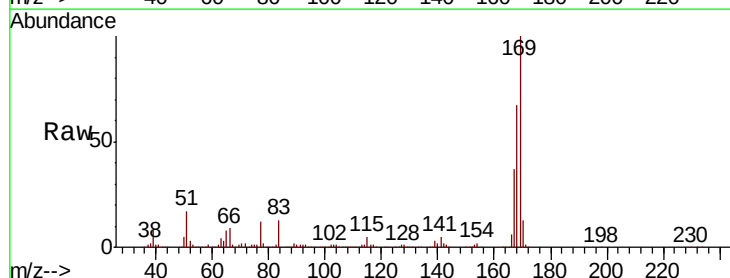
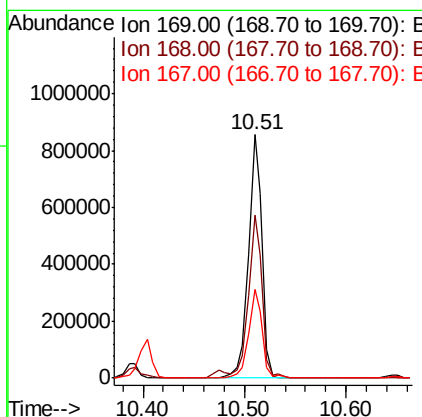
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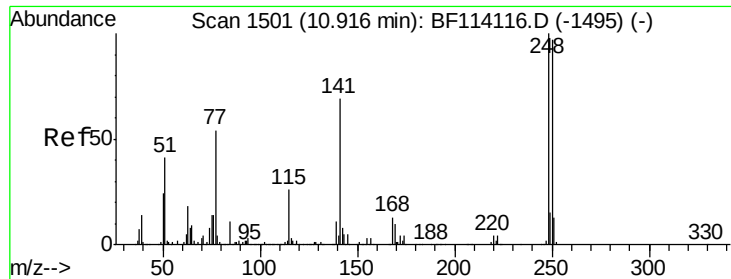
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 44.714 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	787578		
168	66.9	54.2	81.2	
167	36.6	29.8	44.8	





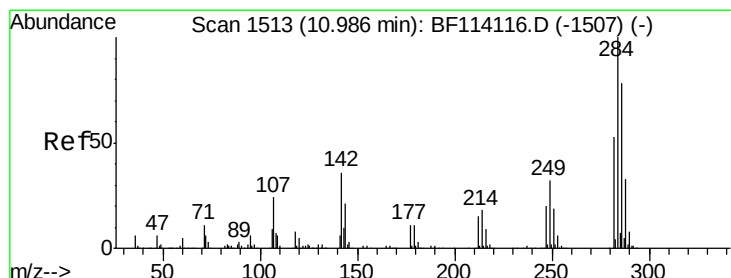
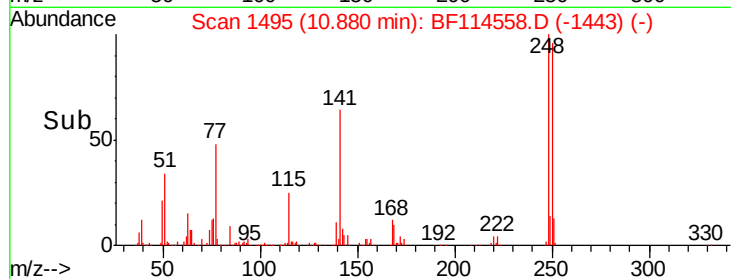
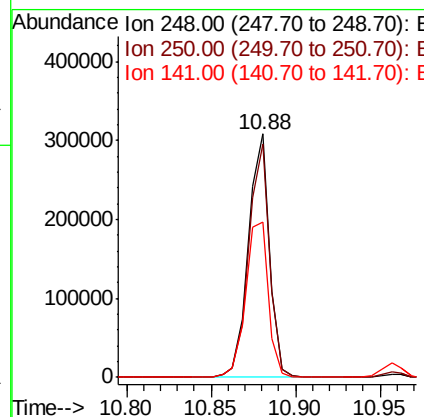
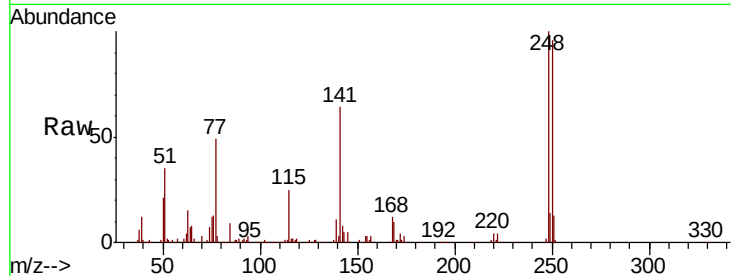
#67
4-Bromophenyl-phenylether
Concen: 42.086 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.4	116.2
141	63.9	55.6	83.4

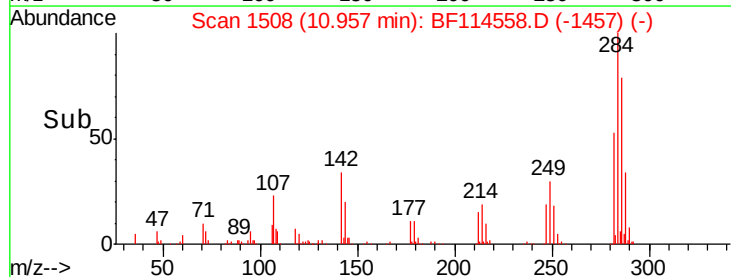
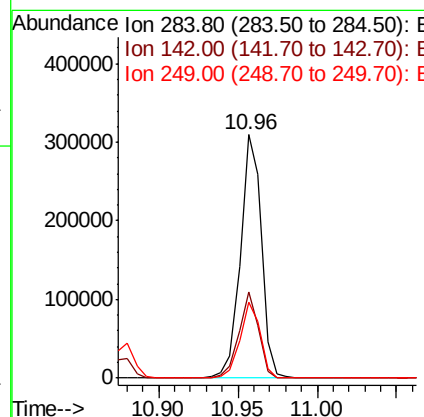
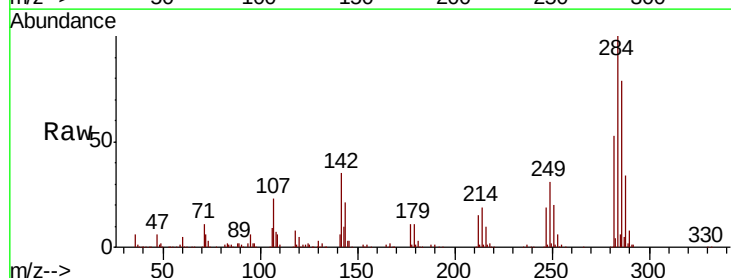
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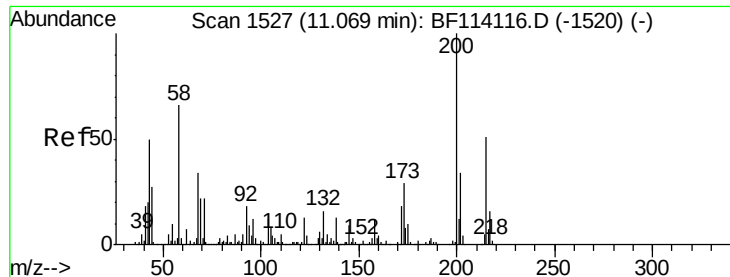
mohammad
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#68
Hexachlorobenzene
Concen: 40.095 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	28.4	42.6
249	31.1	25.2	37.8





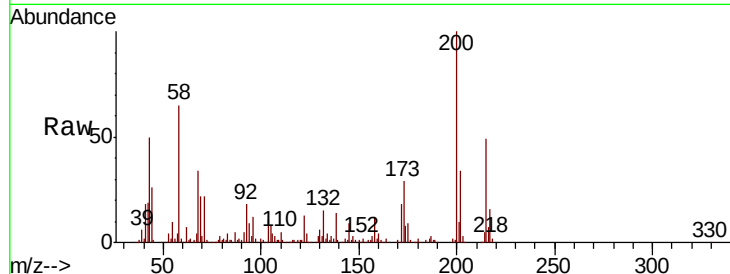
#69
Atrazine
Concen: 44.516 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

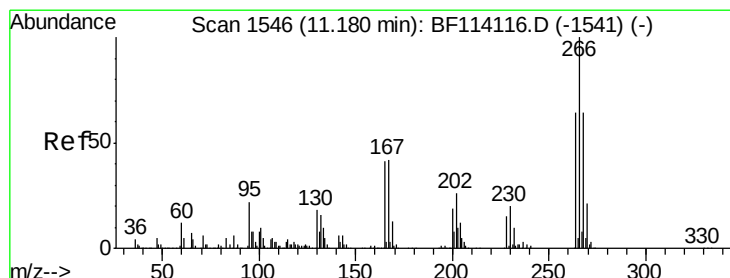
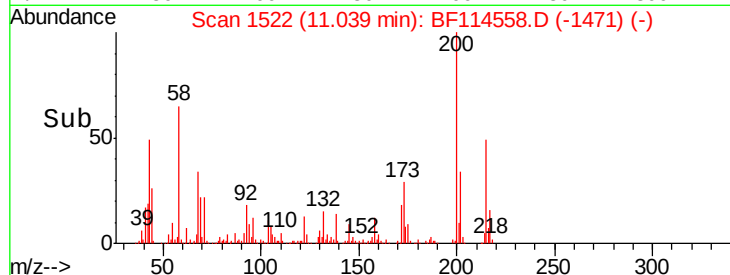
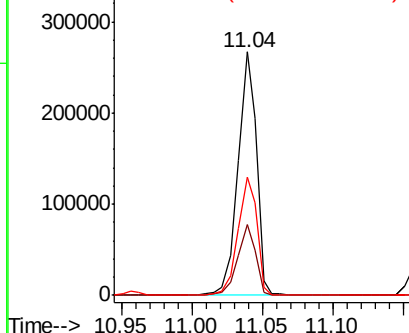
Tot Ion	Ratio	Resp	Lower	Upper
200	100	244008		
173	29.3	8.9	48.9	
215	48.7	30.7	70.7	

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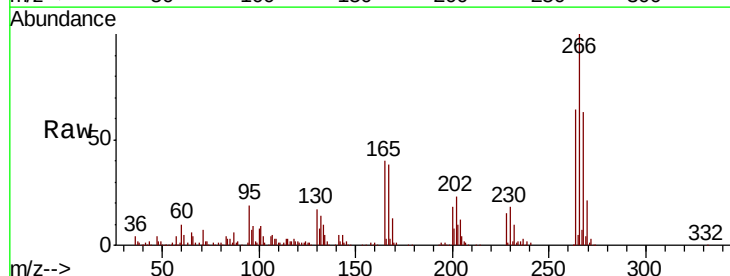


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

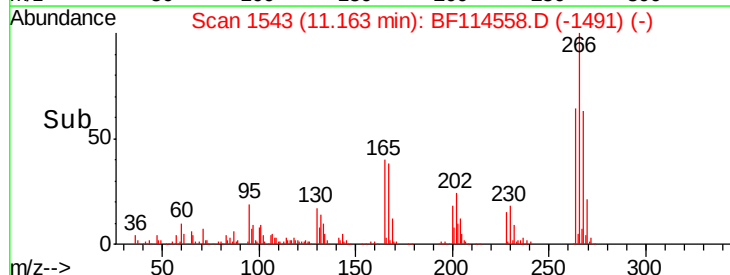
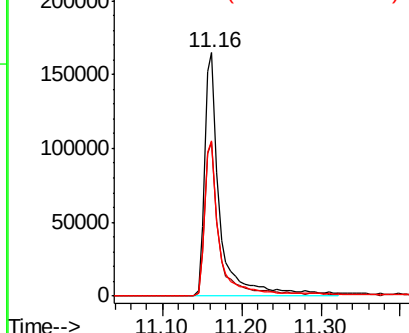


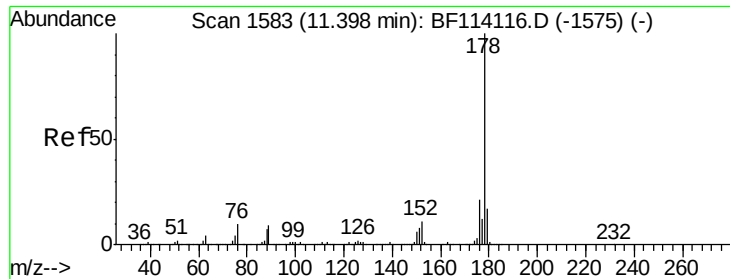
#70
Pentachlorophenol
Concen: 67.111 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	224886		
268	63.2	51.1	76.7	
264	63.9	51.1	76.7	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.776 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion:178 Resp: 1264227

Ion Ratio Lower Upper

178 100

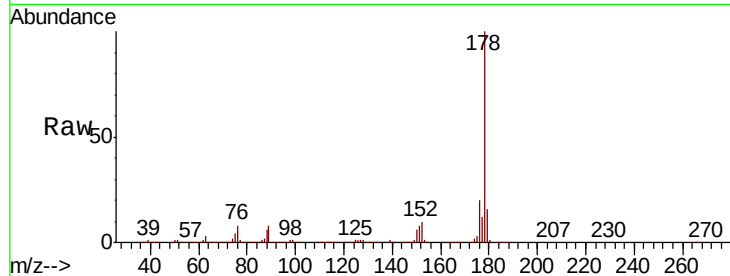
176 19.6 16.4 24.6

179 15.7 13.2 19.8

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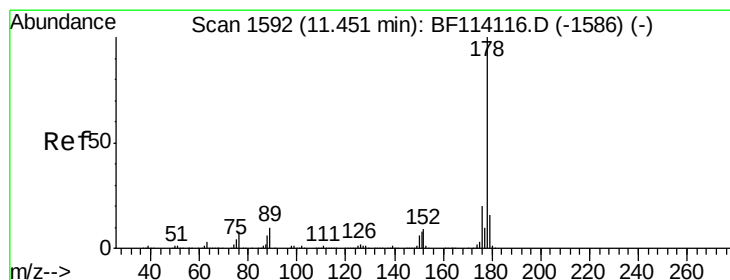
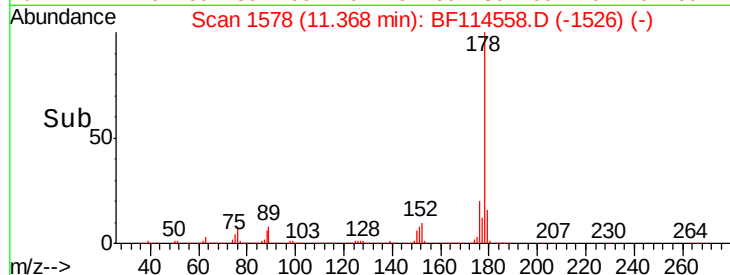
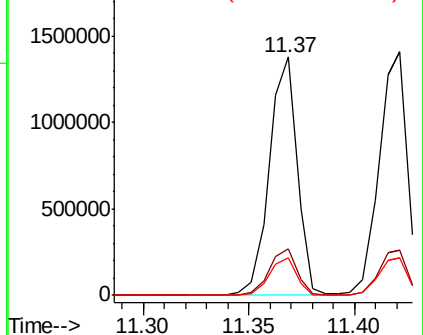
5/27/2019 3:47:54 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.668 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Tgt Ion:178 Resp: 1323459

Ion Ratio Lower Upper

178 100

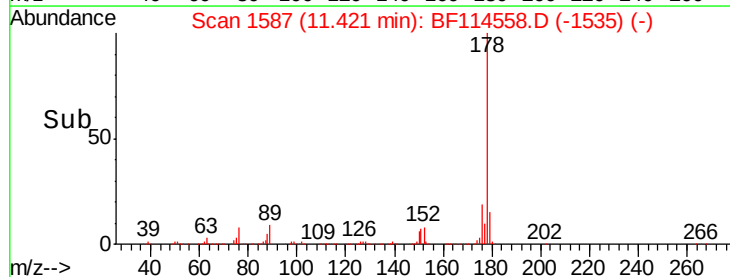
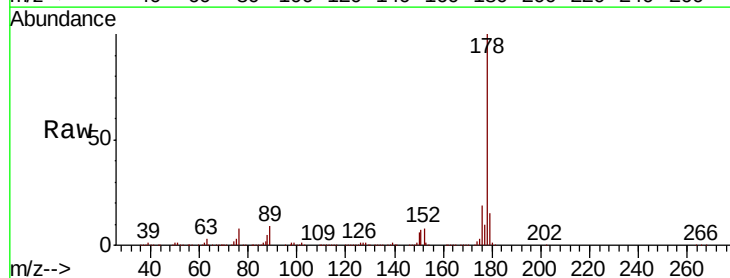
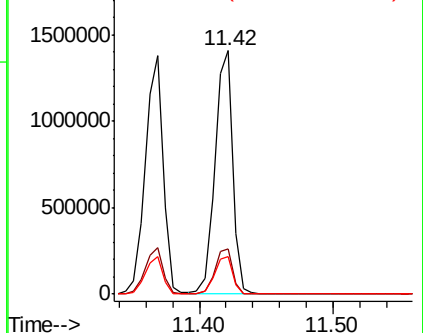
176 18.6 15.8 23.8

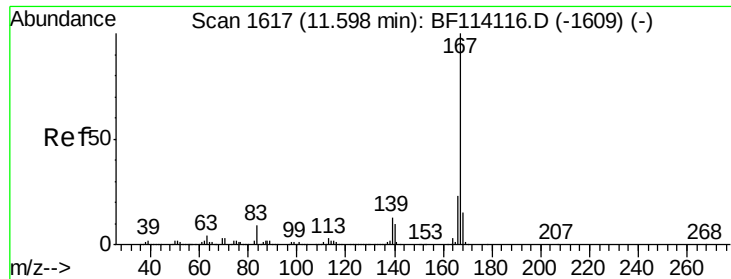
179 15.5 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





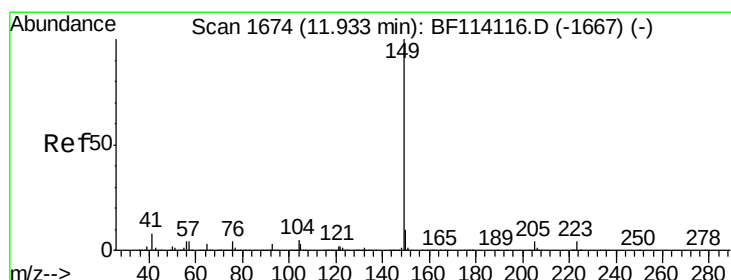
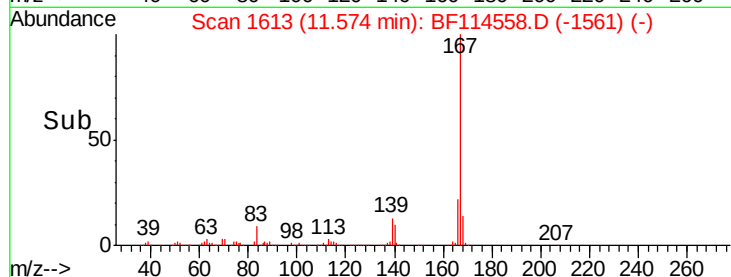
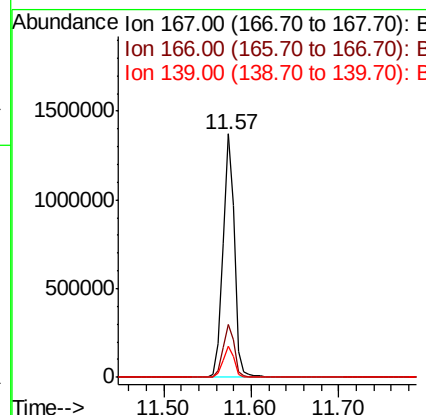
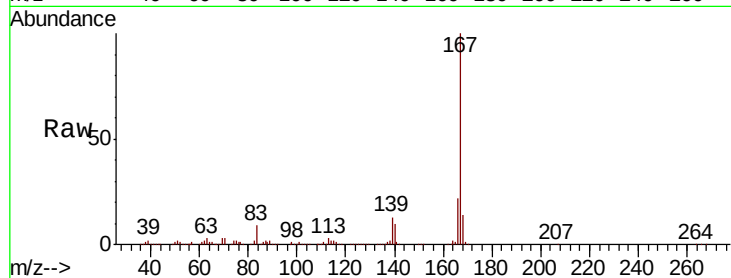
#73
 Carbazole
 Concen: 46.121 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.2
139	12.9	10.6	16.0

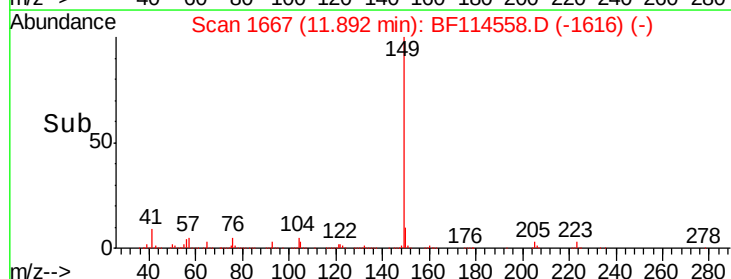
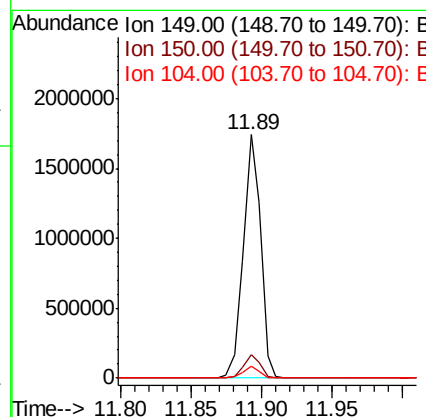
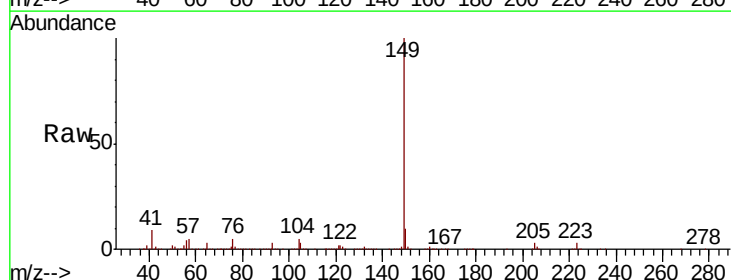
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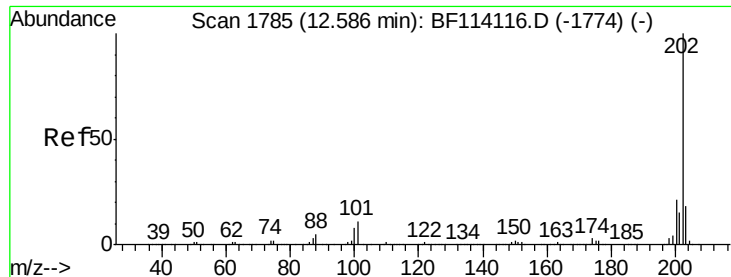
mohammad
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#74
 Di-n-butylphthalate
 Concen: 47.758 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.8	3.6	5.4





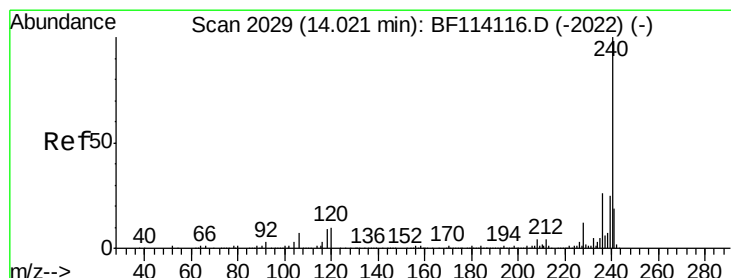
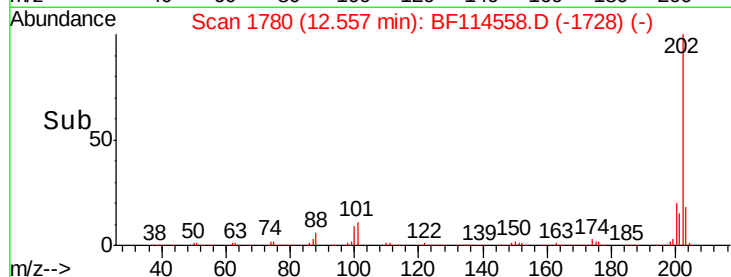
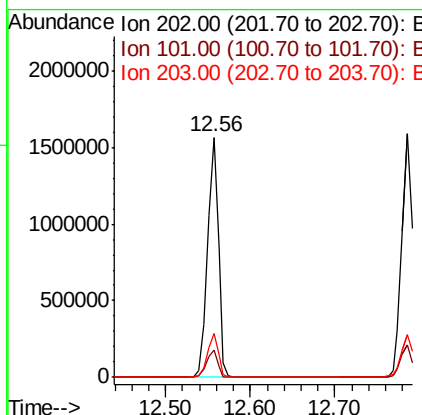
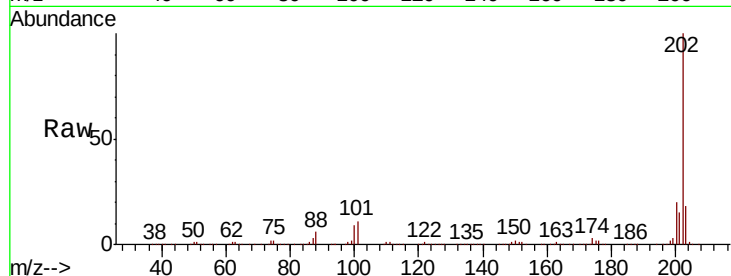
#75
Fluoranthene
Concen: 46.246 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1406122		
101	11.5	0.0	31.0	
203	18.1	0.0	38.4	

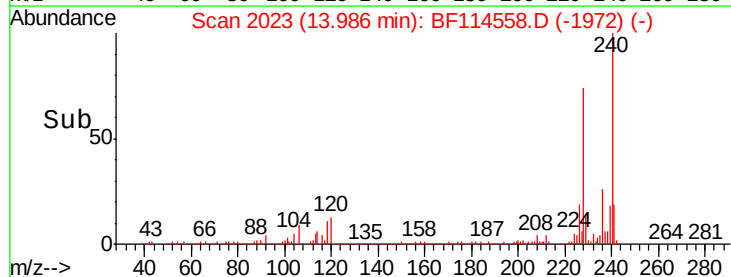
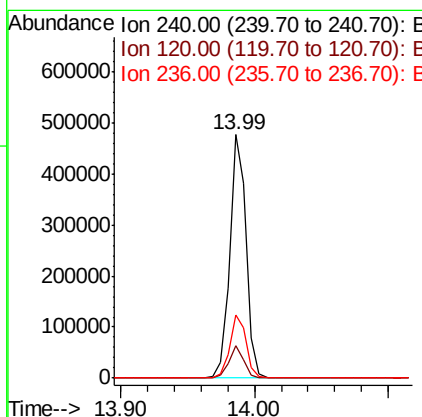
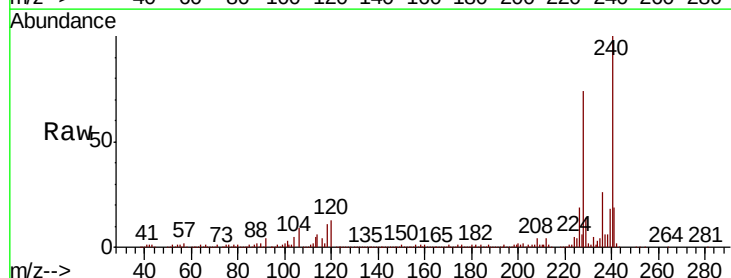
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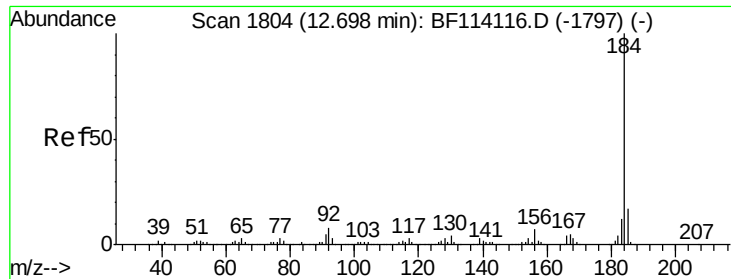
mohammad
5/27/2019 3:47:54 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	411057		
120	13.1	8.3	12.5#	
236	26.0	20.8	31.2	





#77

Benzidine

Concen: 40.462 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

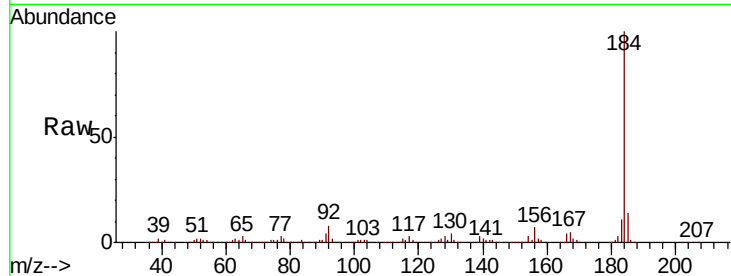
ClientSampleId :

PB119776BS

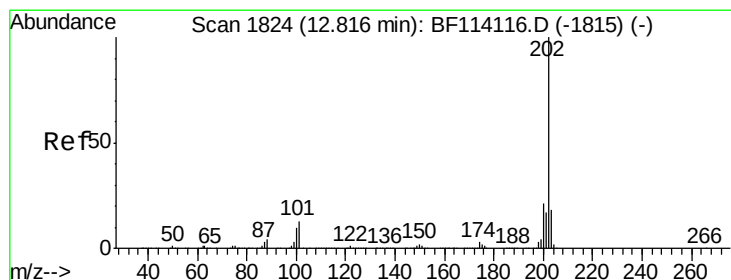
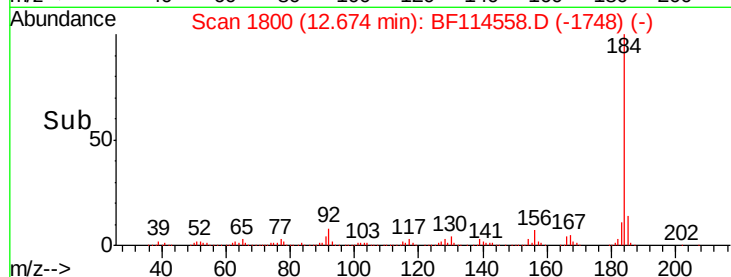
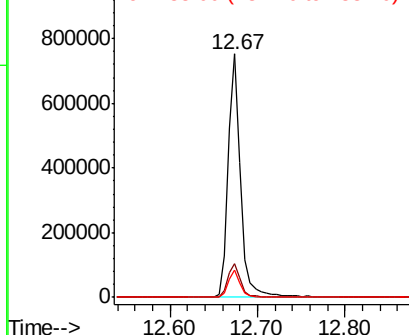
Tot Ion:	184	Resp:	746589
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.6	20.4
183	11.1	9.2	13.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.866 ng

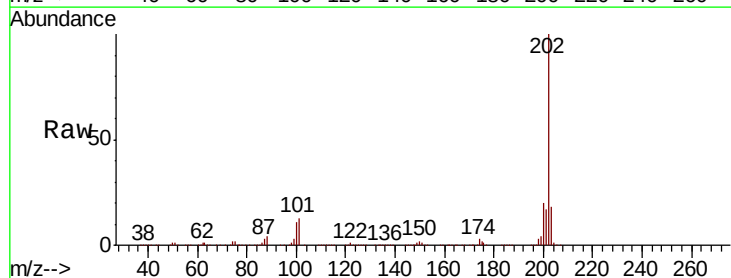
RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

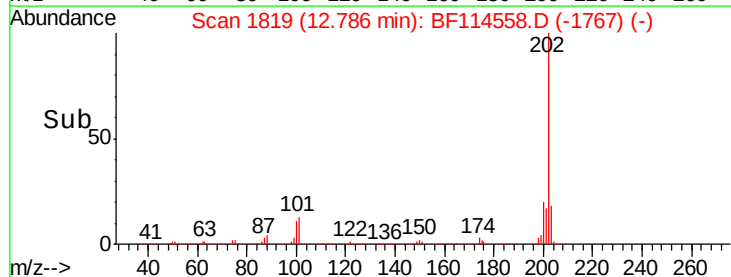
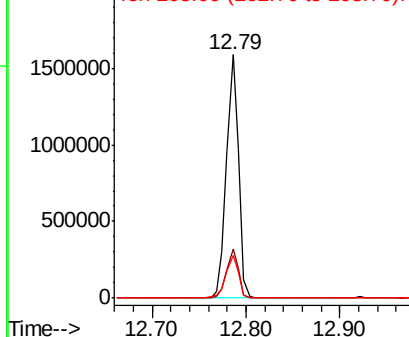
Lab File: BF114558.D

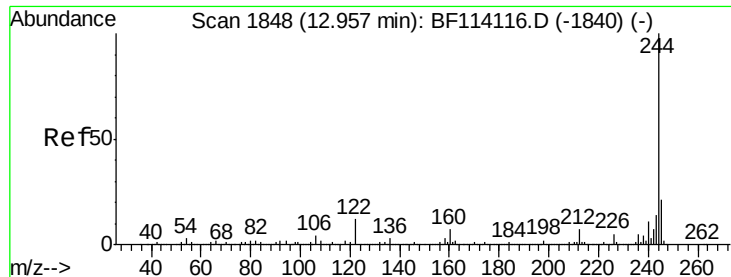
Acq: 24 May 2019 9:50

Tgt Ion:	202	Resp:	1417474
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.9	25.3
203	17.5	14.5	21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





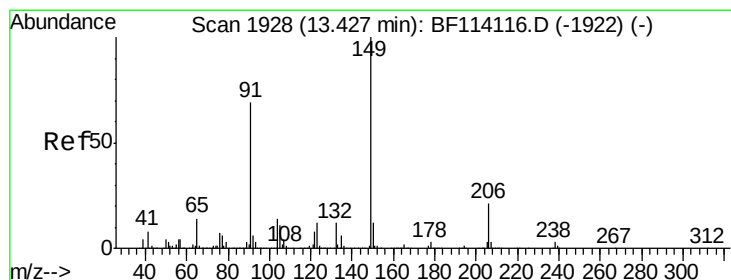
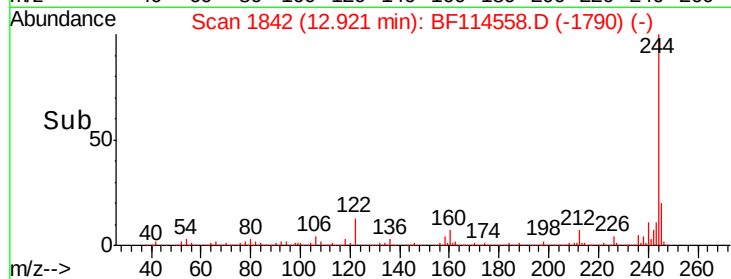
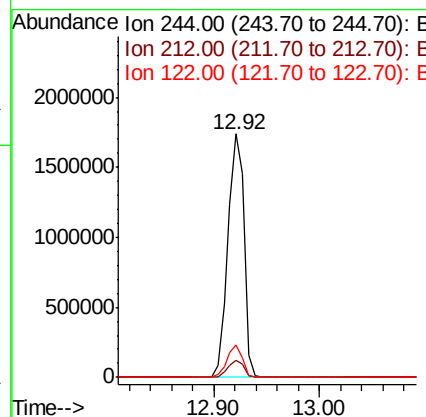
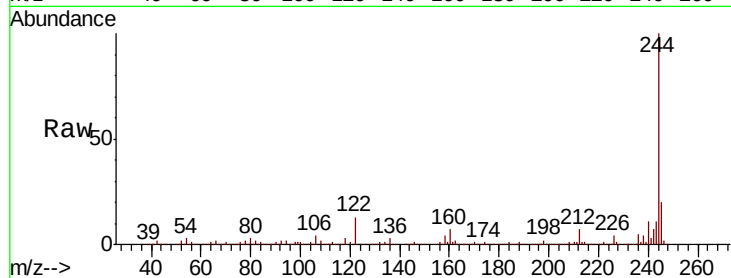
#79
 Terphenyl-d14
 Concen: 92.749 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	13.2	9.4	14.2

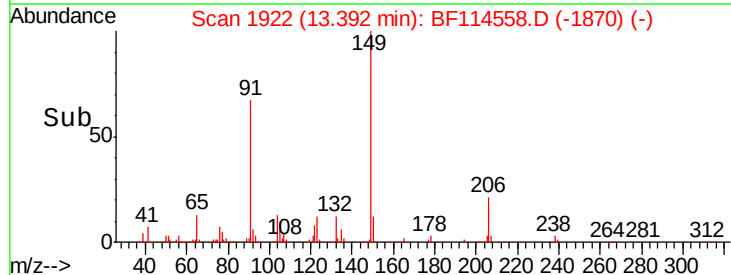
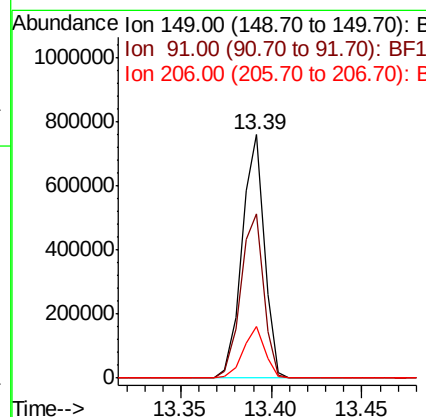
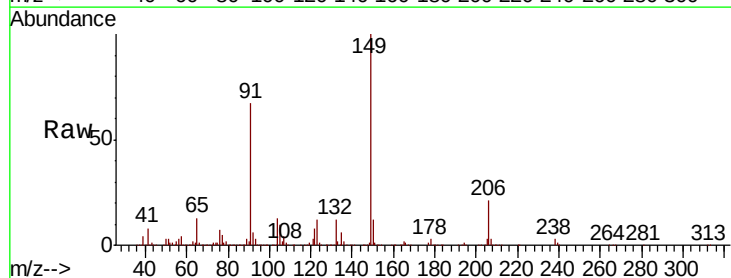
Manual Integrations
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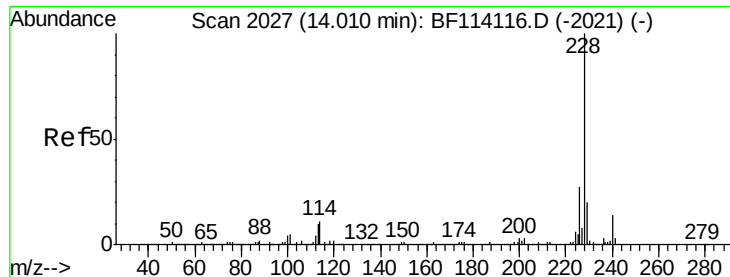
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.914 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.4	55.0	82.4
206	21.2	16.9	25.3





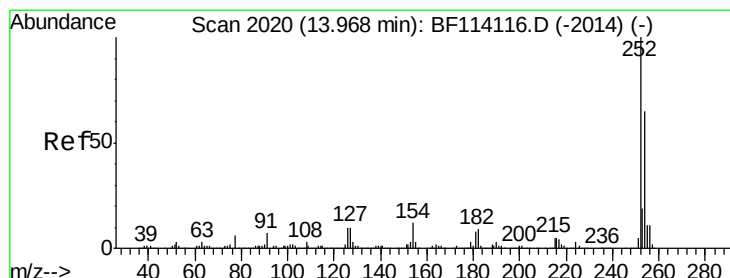
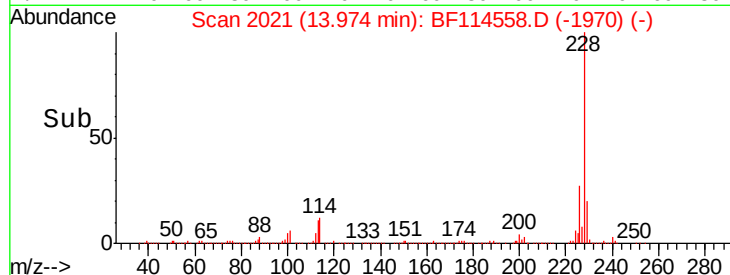
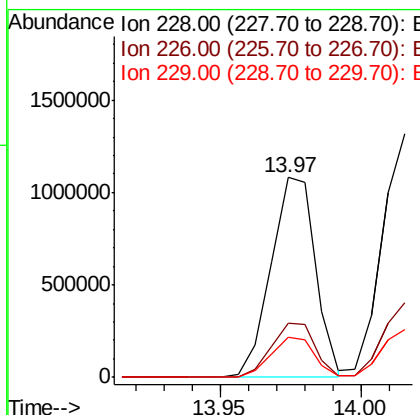
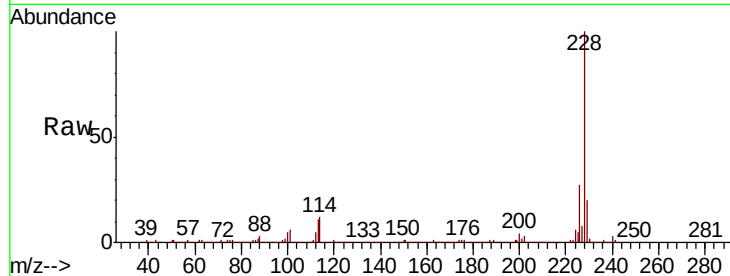
#81
Benzo(a)anthracene
Concen: 44.271 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion:228 Resp: 1177036
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 20.3 16.4 24.6

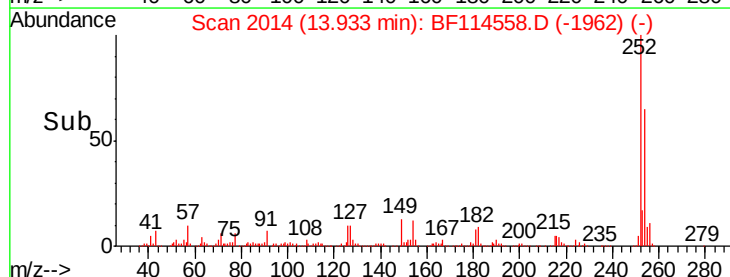
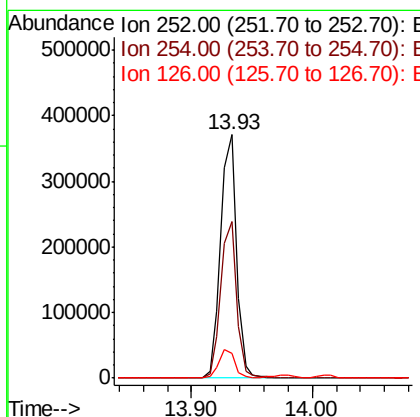
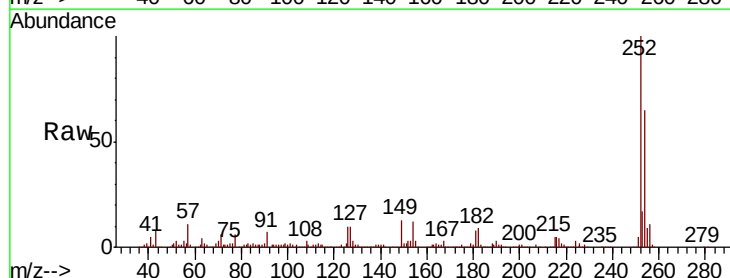
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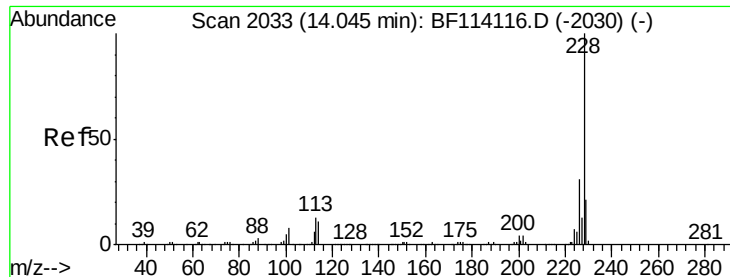
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 32.951 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:252 Resp: 339854
Ion Ratio Lower Upper
252 100
254 64.5 51.9 77.9
126 10.1 7.9 11.9





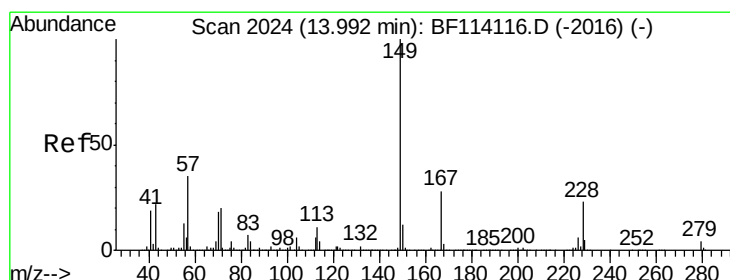
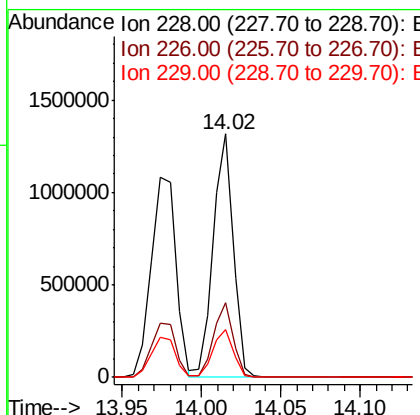
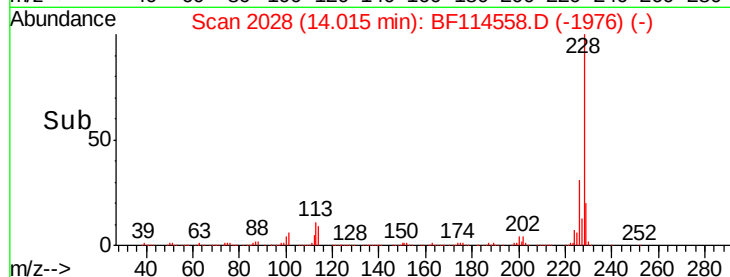
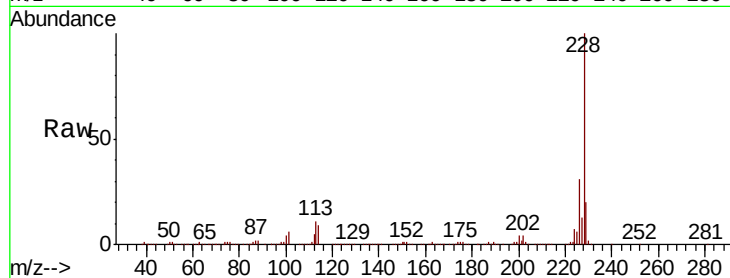
#83
 Chrysene
 Concen: 44.569 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.7	17.0	25.6

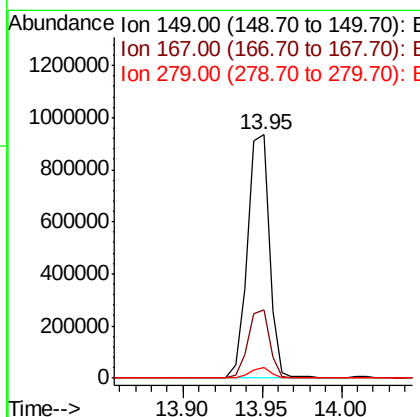
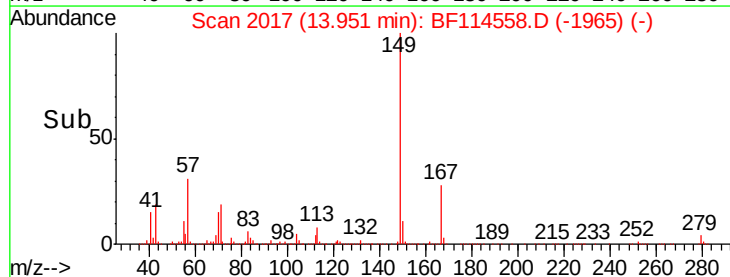
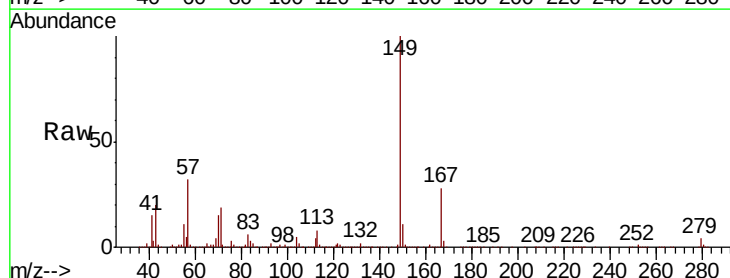
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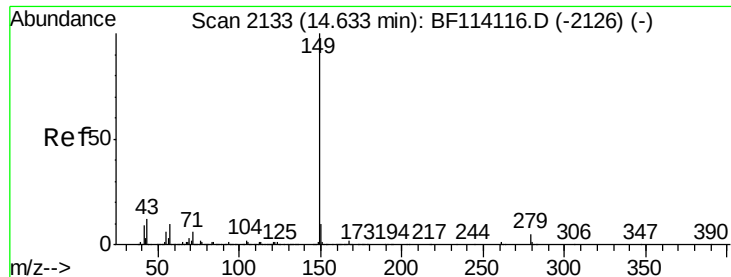
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.996 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	33.8
279	4.4	3.0	4.6





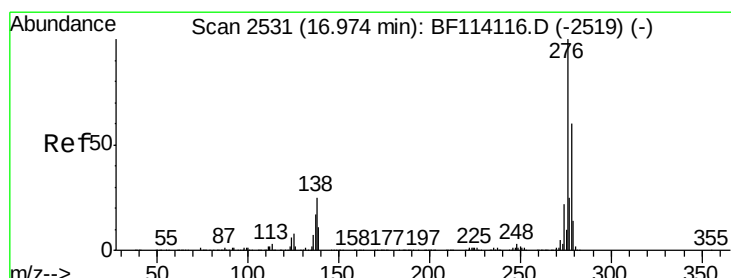
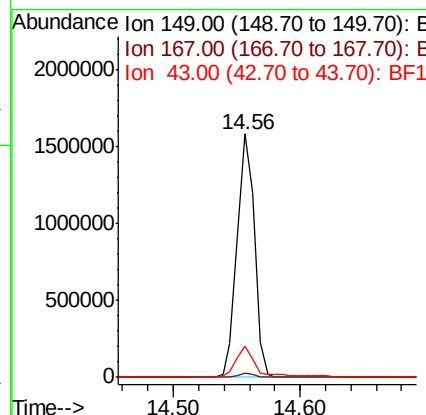
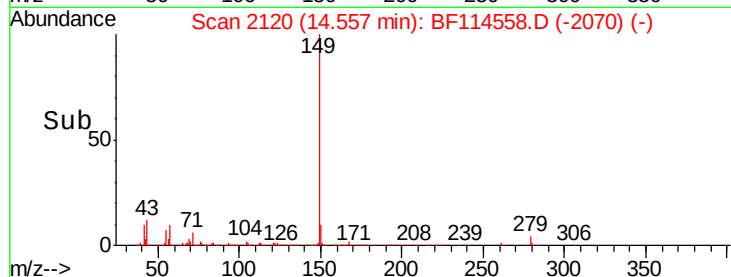
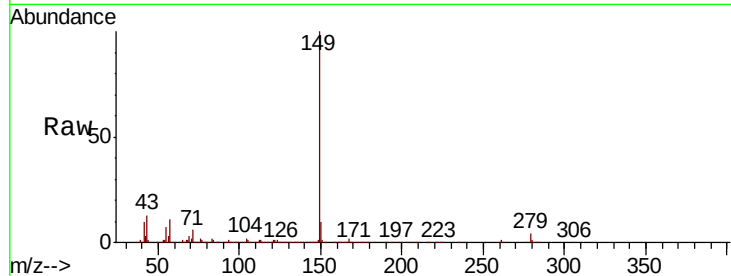
#85
Di-n-octyl phthalate
Concen: 50.142 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	13.6	10.1	15.1	

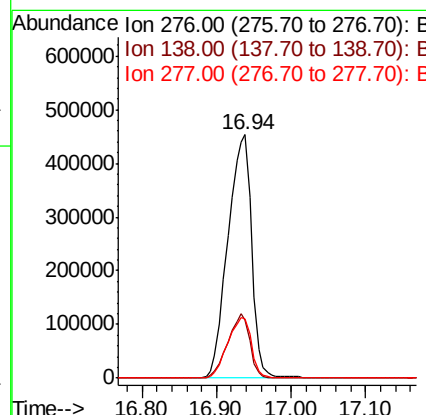
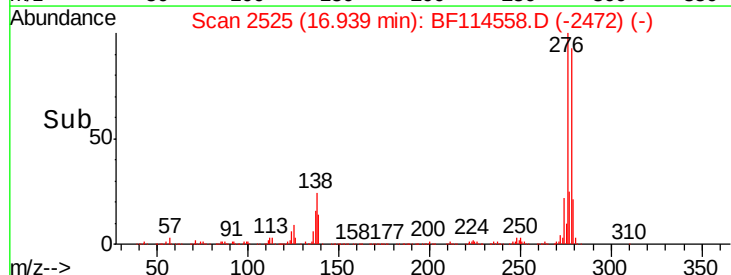
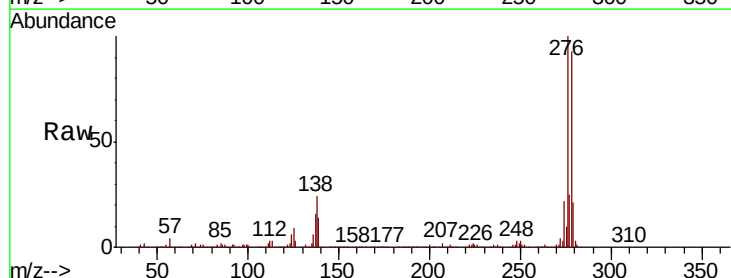
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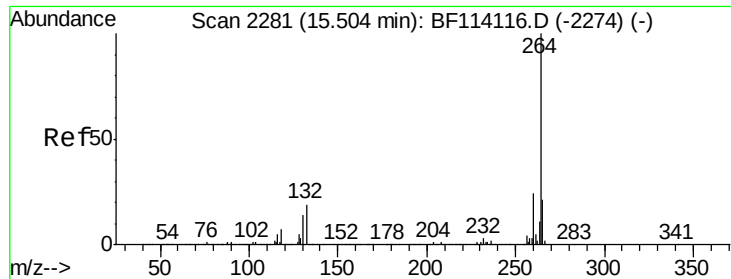
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.692 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
138	24.7	20.2	30.2	
277	25.1	20.0	30.0	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

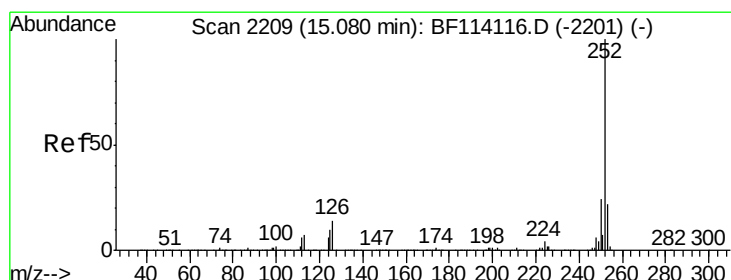
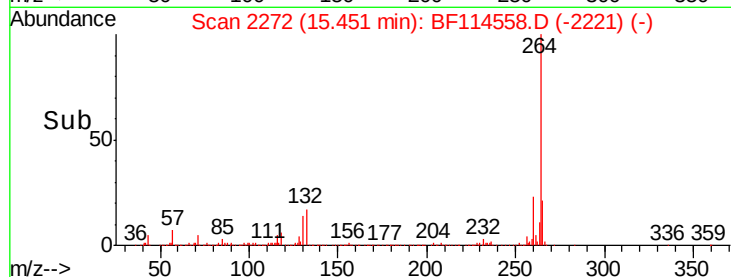
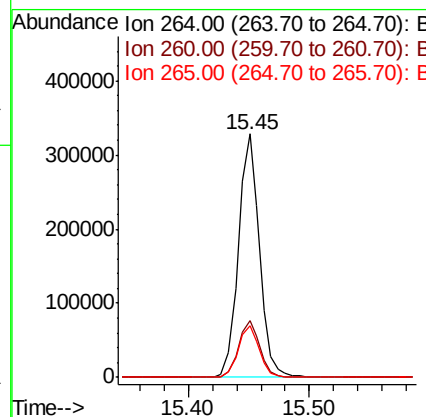
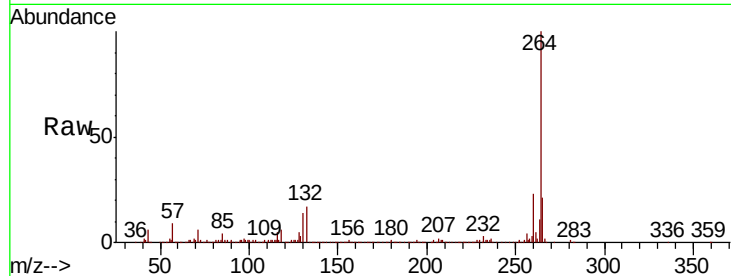
ClientSampleId :

PB119776BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.3	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 44.014 ng

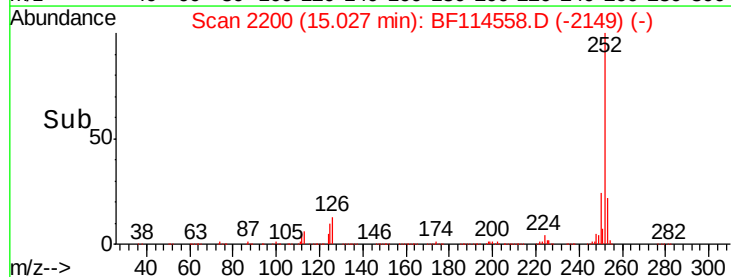
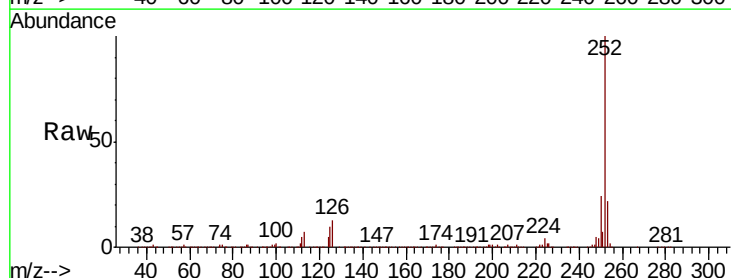
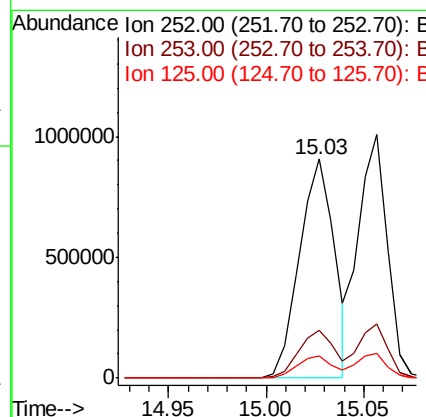
RT: 15.03 min Scan# 2200

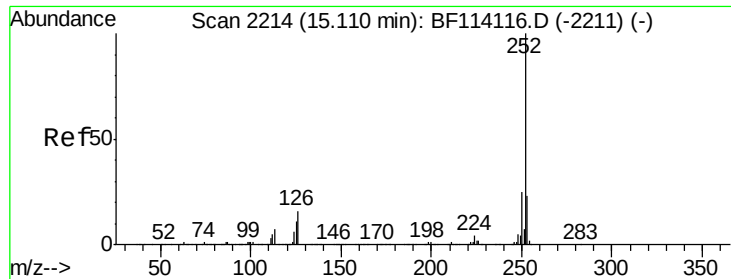
Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.1	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 44.614 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampled :

PB119776BS

Tot Ion:252 Resp: 1044930

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

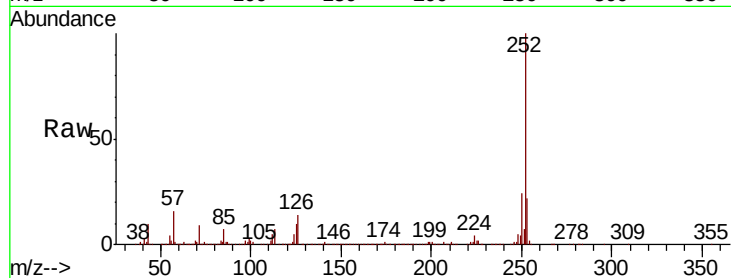
125 10.0 8.6 13.0

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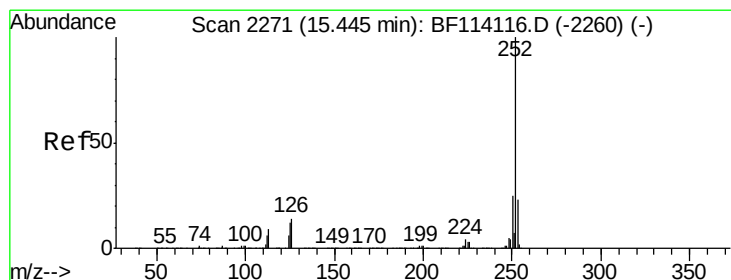
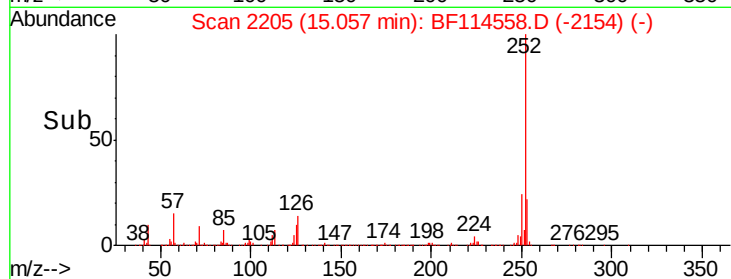
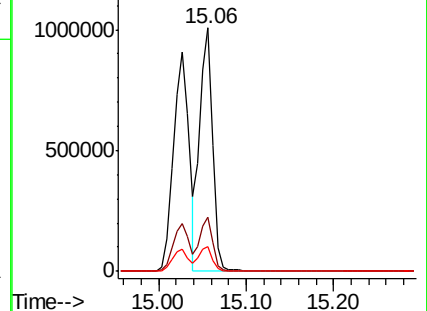
5/27/2019 3:47:54 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.382 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Tgt Ion:252 Resp: 1040791

Ion Ratio Lower Upper

252 100

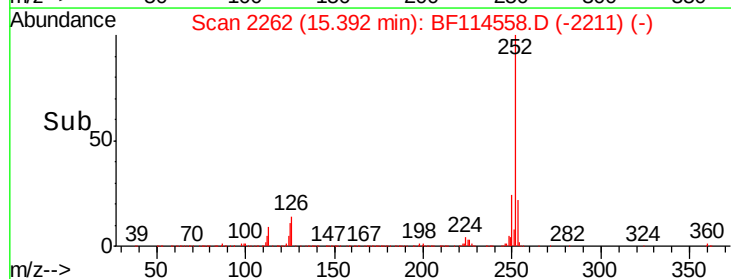
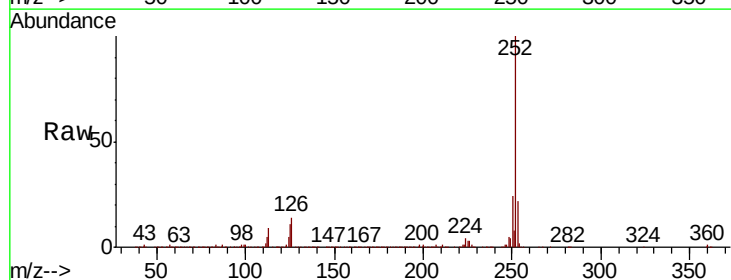
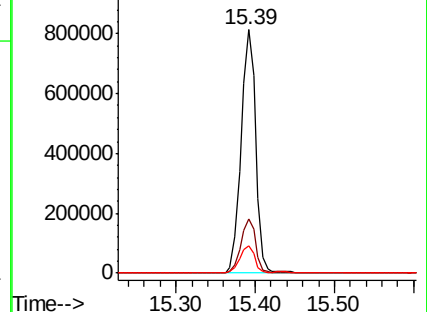
253 22.1 18.1 27.1

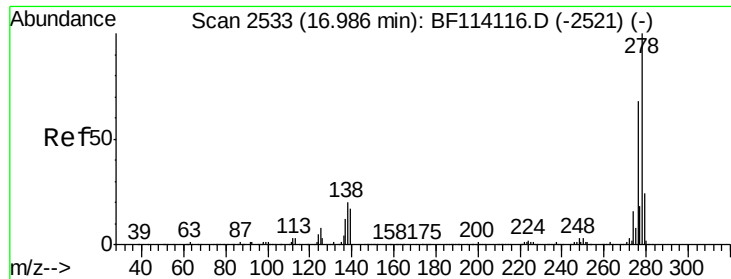
125 11.1 9.5 14.3

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





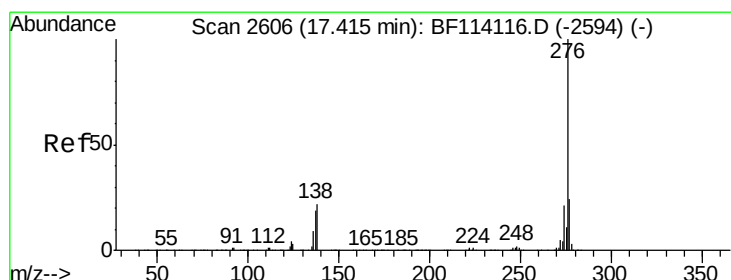
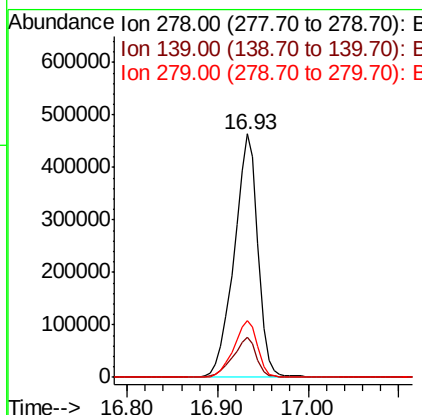
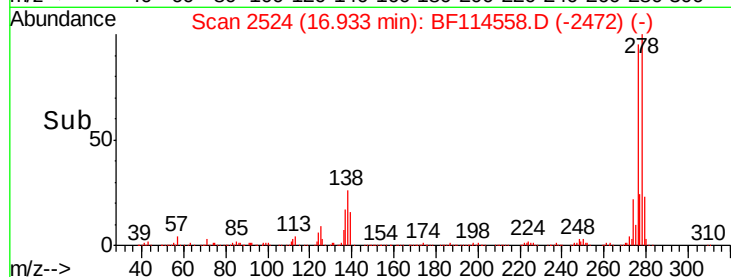
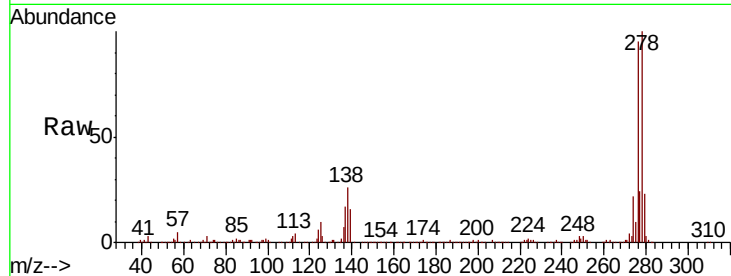
#91
Dibenzo(a,h)anthracene
Concen: 45.290 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.5	20.3
279	23.3	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 44.979 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.9	17.8	26.6

