

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114570.D
 Acq On : 24 May 2019 15:23
 Operator : JU/SJ
 Sample : PB119776BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:48:07 AM

Quant Time: May 24 22:49:18 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	151833	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	592902	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	287662	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	584859	20.00	ng	0.00
76) Chrysene-d12	13.99	240	400464	20.00	ng	0.00
87) Perylene-d12	15.46	264	378196	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1210208	128.27	ng	0.01
7) Phenol-d6	6.47	99	1537131	137.75	ng	0.00
23) Nitrobenzene-d5	7.38	82	946801	89.62	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	395437	132.97	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1716884	90.28	ng	0.00
79) Terphenyl-d14	12.92	244	1822679	93.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	213023	41.077	ng	98
3) Pyridine	3.41	79	448909	31.418	ng	98
4) n-Nitrosodimethylamine	3.35	42	236624	34.342	ng	99
6) Aniline	6.48	93	434447	26.952	ng	# 23
8) 2-Chlorophenol	6.61	128	448059	44.484	ng	92
9) Benzaldehyde	6.37	77	219940	28.154	ng	97
10) Phenol	6.48	94	541723	41.267	ng	87
11) bis(2-Chloroethyl)ether	6.55	93	424194	42.564	ng	98
12) 1,3-Dichlorobenzene	6.76	146	462214	40.881	ng	98
13) 1,4-Dichlorobenzene	6.83	146	473089	41.524	ng	98
14) 1,2-Dichlorobenzene	6.99	146	441286	42.396	ng	97
15) Benzyl Alcohol	6.96	79	362303	41.628	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	761054	39.385	ng	61
17) 2-Methylphenol	7.08	107	349905	42.290	ng	# 92
18) Hexachloroethane	7.32	117	174473	40.798	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	304143	43.000	ng	99
20) 3+4-Methylphenols	7.23	107	461815	48.309	ng	# 67
22) Acetophenone	7.22	105	602964	45.906	ng	# 90
24) Nitrobenzene	7.40	77	468430	43.533	ng	97
25) Isophorone	7.63	82	851414	43.454	ng	99
26) 2-Nitrophenol	7.72	139	245107	46.950	ng	100
27) 2,4-Dimethylphenol	7.76	122	396210	48.322	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	542045	42.637	ng	98
29) 2,4-Dichlorophenol	7.96	162	375330	45.971	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	393892	42.426	ng	98
31) Naphthalene	8.12	128	1261831	45.561	ng	98
32) Benzoic acid	7.91	122	251521	43.750	ng	98
33) 4-Chloroaniline	8.17	127	312768	24.782	ng	99
34) Hexachlorobutadiene	8.23	225	215546	40.803	ng	99
35) Caprolactam	8.55	113	127962m	48.065	ng	
36) 4-Chloro-3-methylphenol	8.67	107	397701	48.392	ng	98
37) 2-Methylnaphthalene	8.81	142	859218	48.085	ng	98
38) 1-Methylnaphthalene	8.91	142	806017	47.899	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	391002	44.871	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	178495	45.916	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	249931	41.699	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	263586	42.882	nq	95
46) 1,1'-Biphenyl	9.27	154	1050413	45.200	nq	97
47) 2-Chloronaphthalene	9.30	162	804695	43.026	nq	99
48) 2-Nitroaniline	9.40	65	273080	41.171	nq	92
49) Acenaphthylene	9.72	152	1278595	44.949	nq	99
50) Dimethylphthalate	9.57	163	927902	43.941	nq	99
51) 2,6-Dinitrotoluene	9.65	165	211487	45.153	nq #	83
52) Acenaphthene	9.89	154	744887	42.674	nq	99
53) 3-Nitroaniline	9.82	138	158516	27.264	nq	95
54) 2,4-Dinitrophenol	9.94	184	178152	76.011	nq	93
55) Dibenzofuran	10.06	168	1083602	42.335	nq	99
56) 4-Nitrophenol	10.00	139	239365	58.215	nq	99
57) 2,4-Dinitrotoluene	10.06	165	260478	40.973	nq #	80
58) Fluorene	10.40	166	901858	45.616	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	220412	41.558	nq	99
60) Diethylphthalate	10.27	149	938625	43.746	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	430079	44.291	nq	94
62) 4-Nitroaniline	10.43	138	226027	36.995	nq	97
63) Azobenzene	10.55	77	893387	43.016	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	124469	44.290	nq	96
66) n-Nitrosodiphenylamine	10.51	169	797871	44.949	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	271785	42.206	nq	95
68) Hexachlorobenzene	10.96	284	292260	41.025	nq	97
69) Atrazine	11.04	200	244030	44.177	nq	98
70) Pentachlorophenol	11.16	266	226589	67.098	nq	99
71) Phenanthrene	11.36	178	1282490	45.072	nq	98
72) Anthracene	11.42	178	1331560	46.591	nq	99
73) Carbazole	11.57	167	1233857	45.274	nq	98
74) Di-n-butylphthalate	11.89	149	1469881	46.814	nq	99
75) Fluoranthene	12.56	202	1378849	44.999	nq	99
77) Benzidine	12.67	184	627193	34.890	nq	95
78) Pyrene	12.79	202	1407012	43.675	nq	99
80) Butylbenzylphthalate	13.39	149	632328	46.633	nq	95
81) Benzo(a)anthracene	13.97	228	1137206	43.905	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	317631	31.611	nq #	98
83) Chrysene	14.02	228	1138983	44.858	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	870908	49.108	nq	99
85) Di-n-octyl phthalate	14.57	149	1426377	49.616	nq	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	961695	42.856	nq	99
88) Benzo(b)fluoranthene	15.03	252	1067739	44.068	nq	99
89) Benzo(k)fluoranthene	15.06	252	1048099	47.090	nq	99
90) Benzo(a)pyrene	15.40	252	1013557	47.532	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	808152	45.609	nq	98
92) Benzo(g,h,i)perylene	17.38	276	798785	44.984	nq	99

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



#1

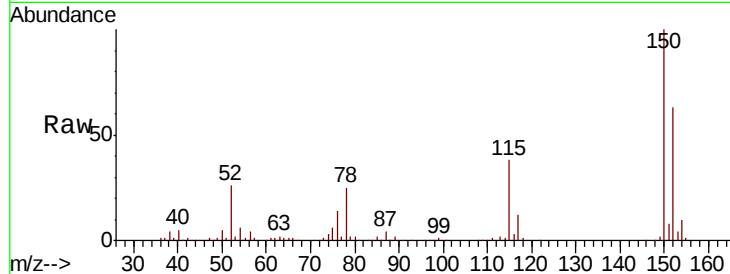
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.3	186.5
115	60.1	49.1	73.7

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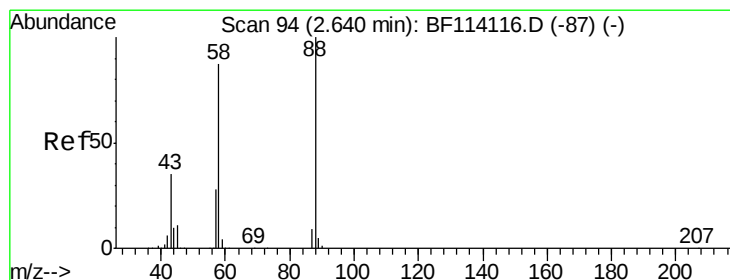
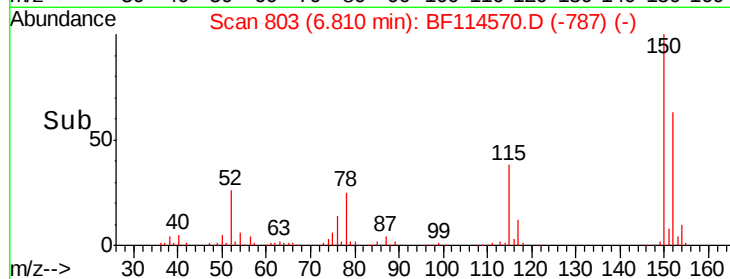
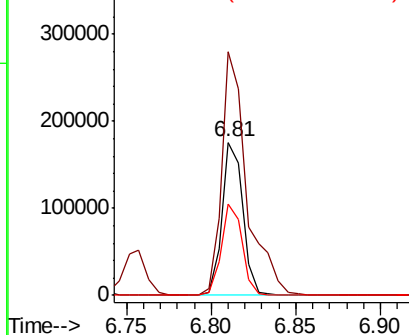


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

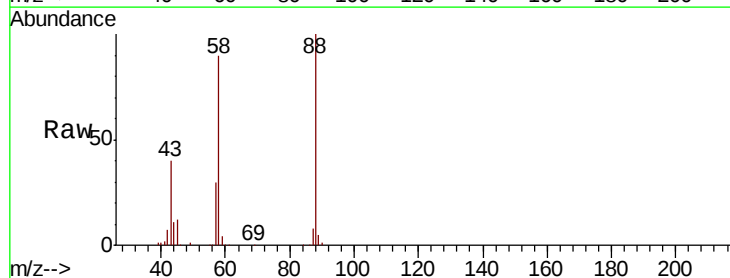
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.077 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.5	68.7	103.1
43	35.9	28.2	42.2

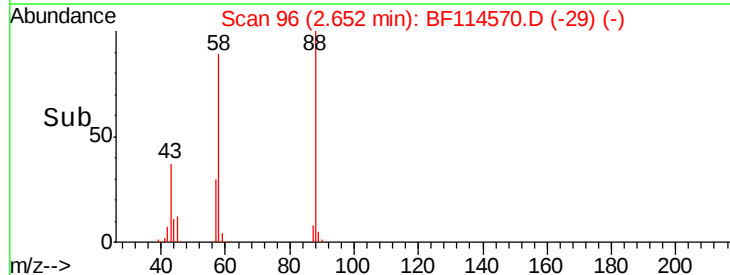
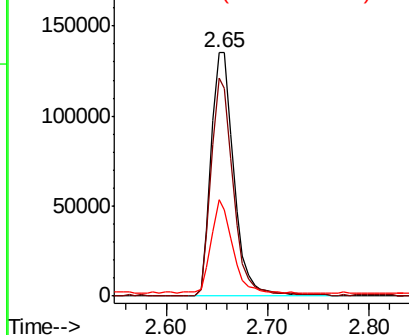


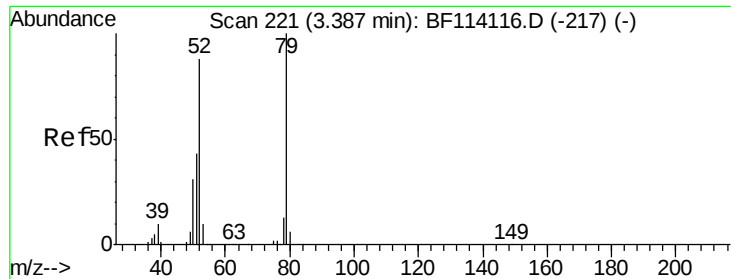
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.418 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.11 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA_F

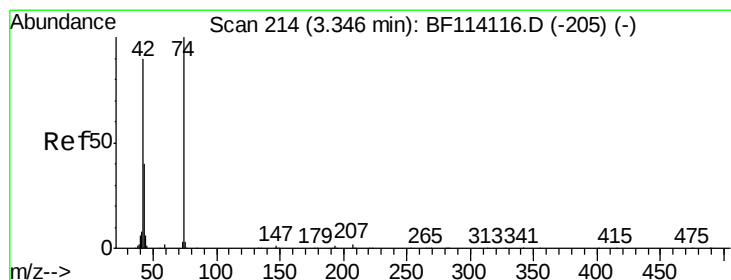
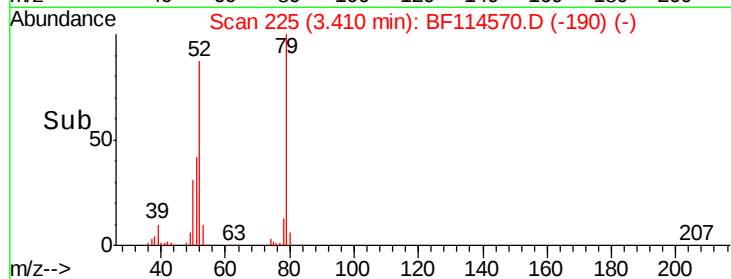
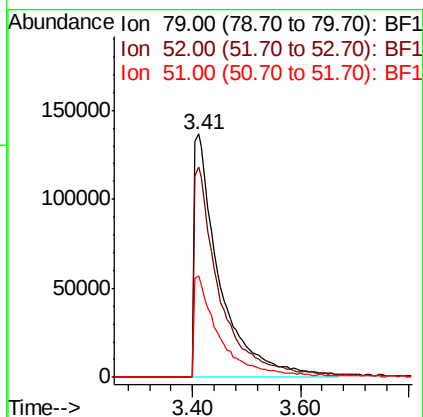
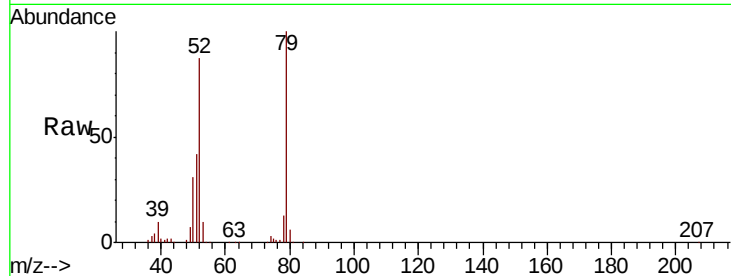
ClientSampleId :

PB119776BS

Tot Ion:	79	Resp:	448909
Ion Ratio	Lower	Upper	
79	100		
52	86.6	70.6	105.8
51	41.6	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 34.342 ng

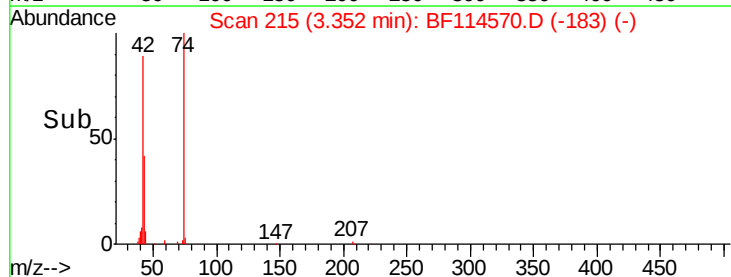
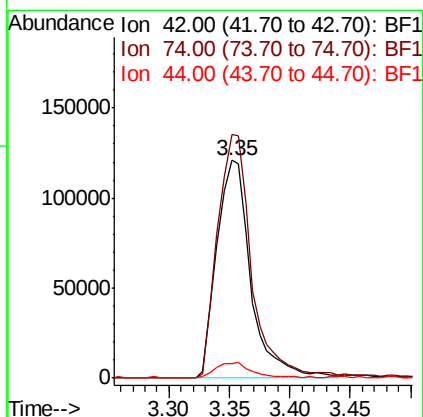
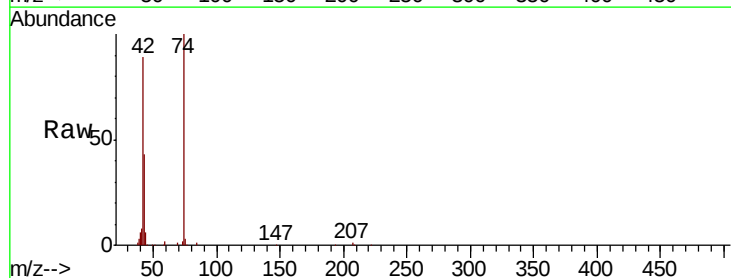
RT: 3.35 min Scan# 215

Delta R.T. 0.09 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Tgt Ion:	42	Resp:	236624
Ion Ratio	Lower	Upper	
42	100		
74	111.9	88.6	132.8
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 128.269 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion: 112 Resp: 1210208

Ion Ratio Lower Upper

112 100

64 65.4 49.0 73.6

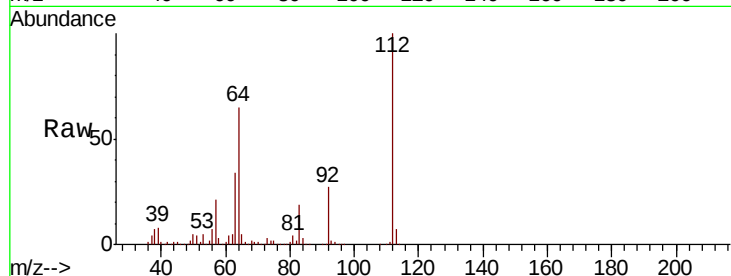
63 34.3 24.6 37.0

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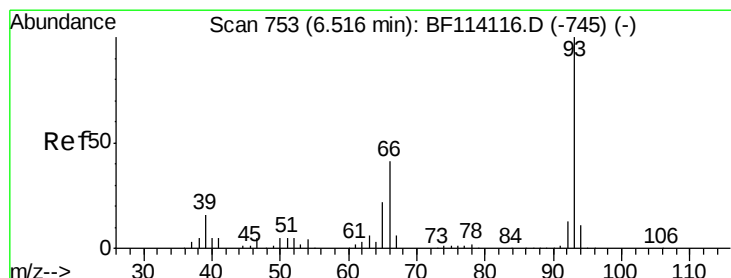
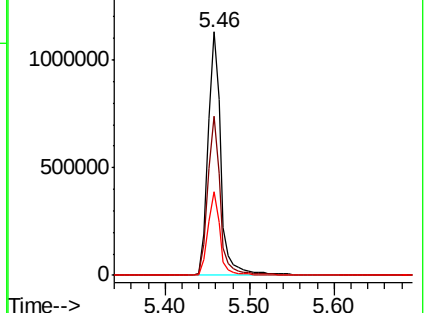
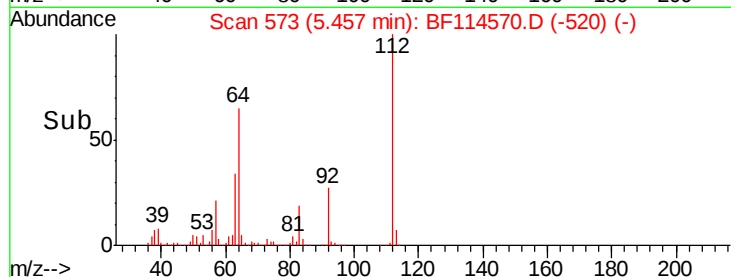
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.952 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

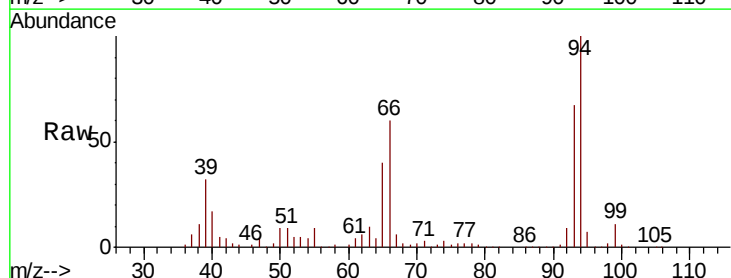
Tgt Ion: 93 Resp: 434447

Ion Ratio Lower Upper

93 100

66 89.5 33.2 49.8#

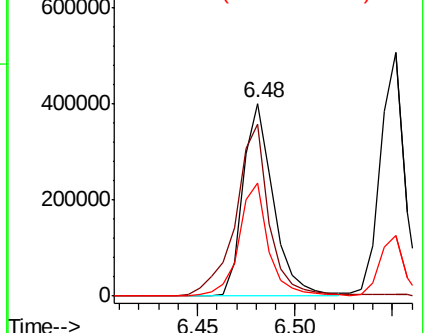
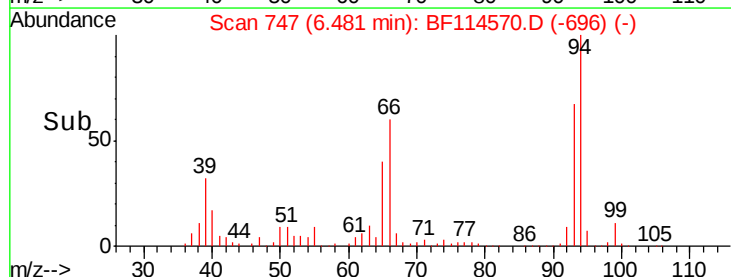
65 59.0 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 137.748 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion: 99 Resp: 1537131

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

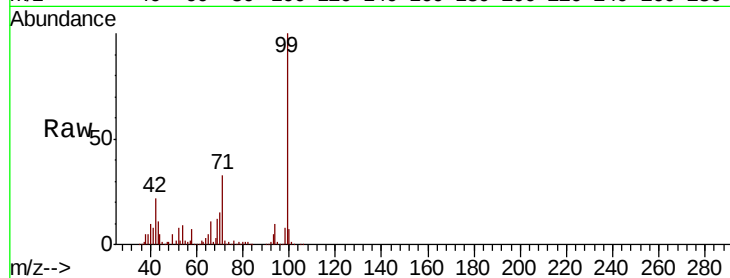
71 33.3 26.2 39.2

Manual Integrations

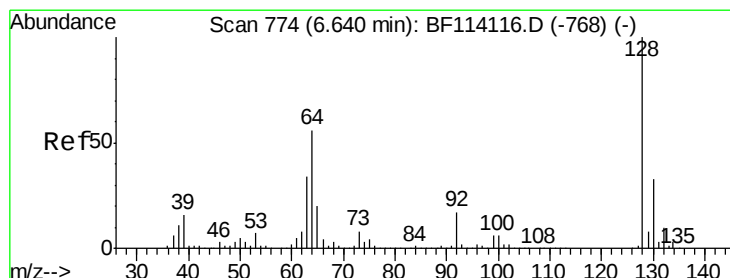
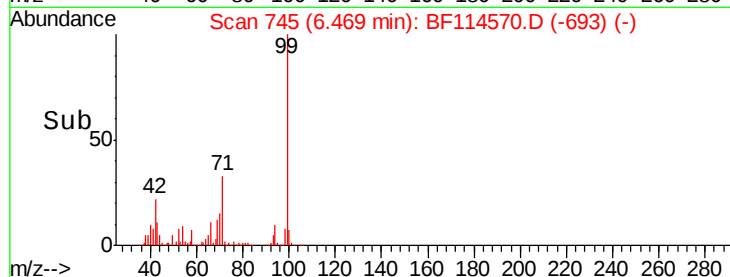
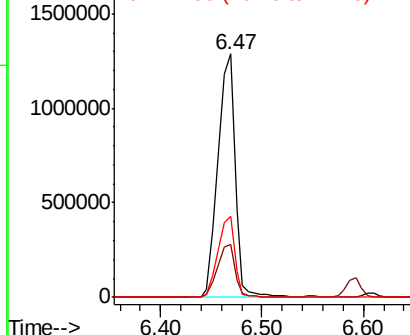
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.484 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

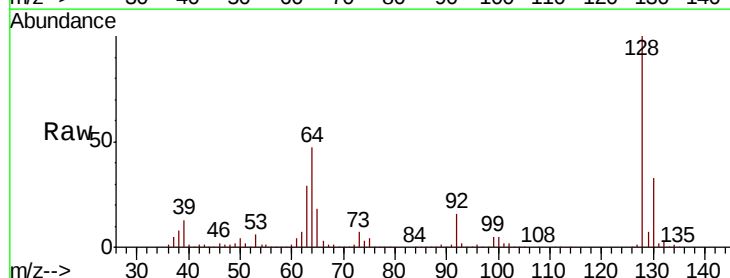
Tgt Ion: 128 Resp: 448059

Ion Ratio Lower Upper

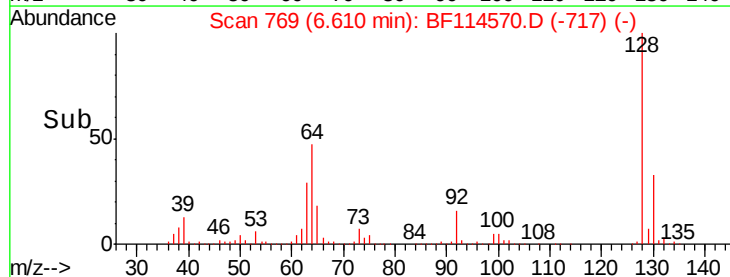
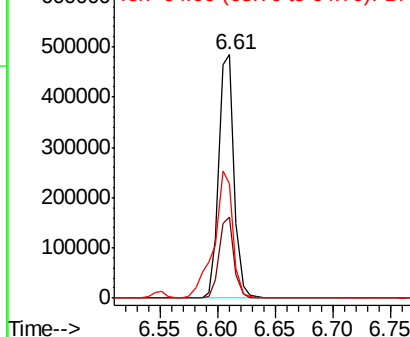
128 100

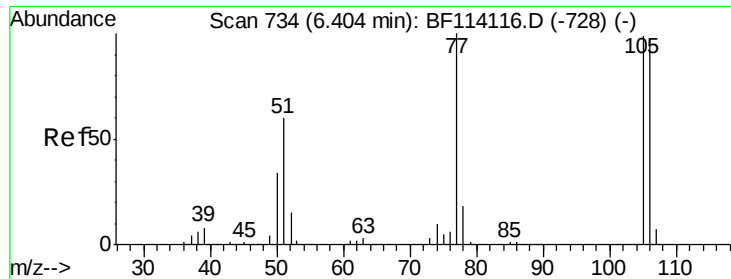
130 33.3 12.6 52.6

64 47.0 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: 28.154 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA_F

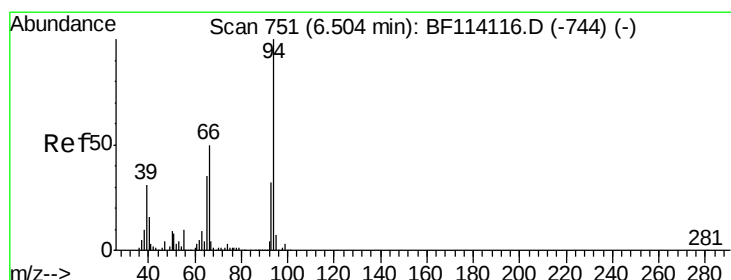
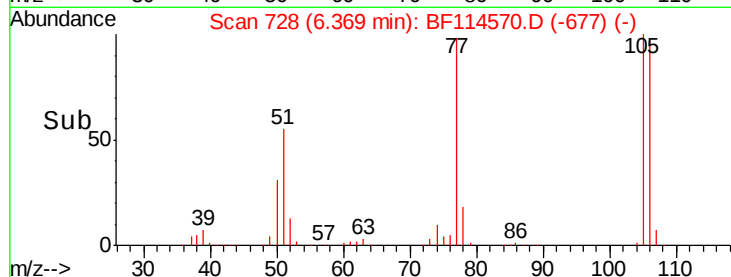
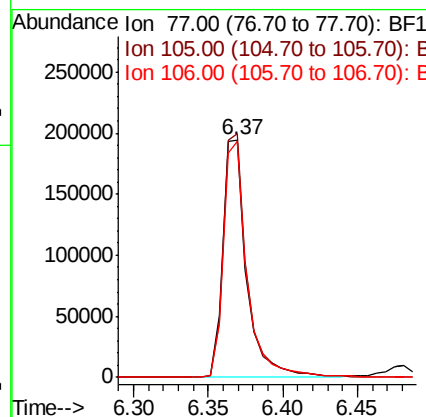
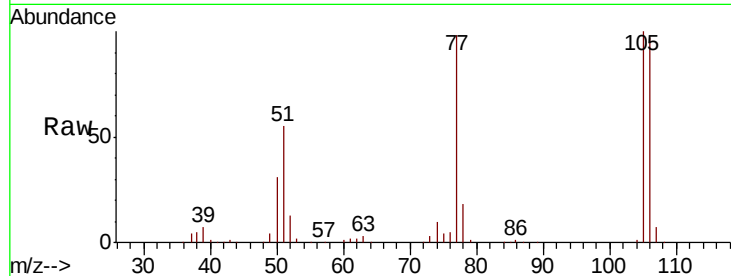
ClientSampleID :

PB119776BS

Tot Ion:	77	Resp:	219940
Ion	Ratio	Lower	Upper
77	100		
105	102.4	79.3	119.3
106	99.0	77.0	117.0

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#10

Phenol

Concen: 41.267 ng

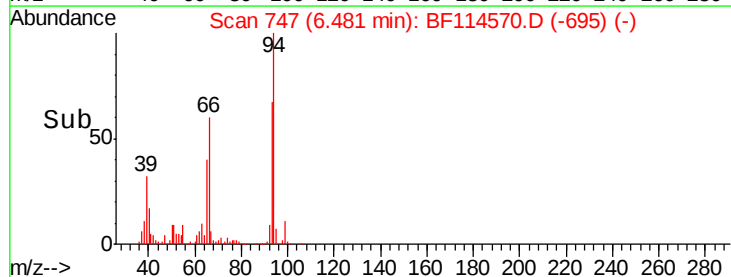
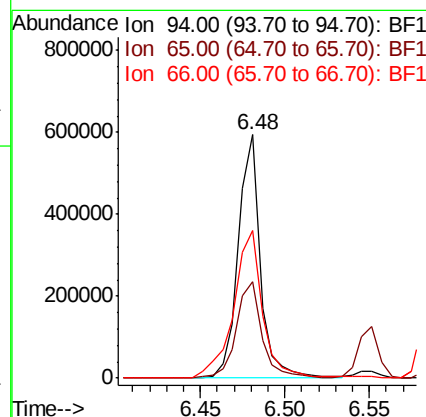
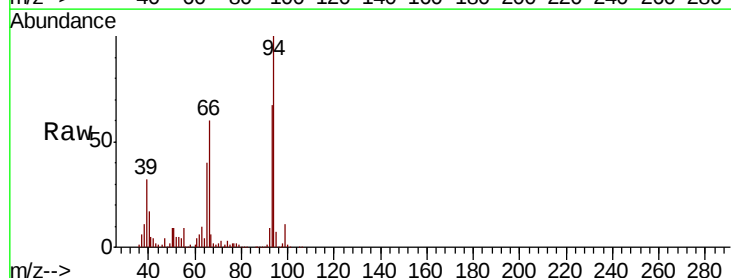
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Tgt Ion:	94	Resp:	541723
Ion	Ratio	Lower	Upper
94	100		
65	39.8	14.7	54.7
66	60.4	29.6	69.6





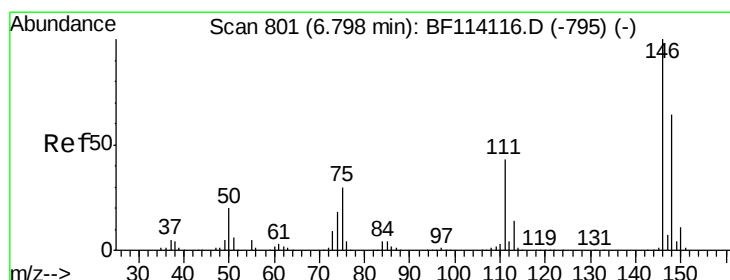
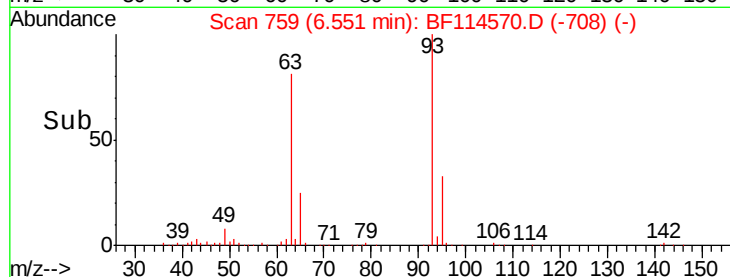
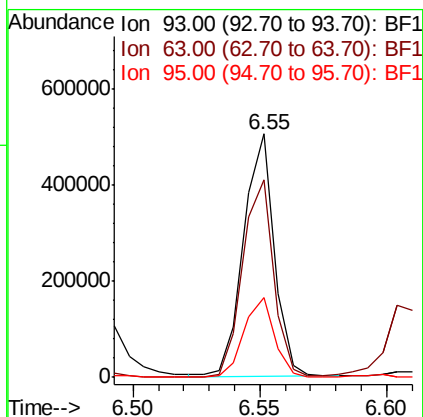
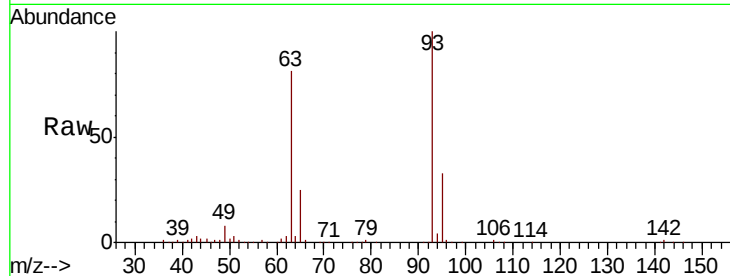
#11
bis(2-Chloroethyl)ether
Concen: 42.564 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	63.6	103.6
95	32.7	13.1	53.1

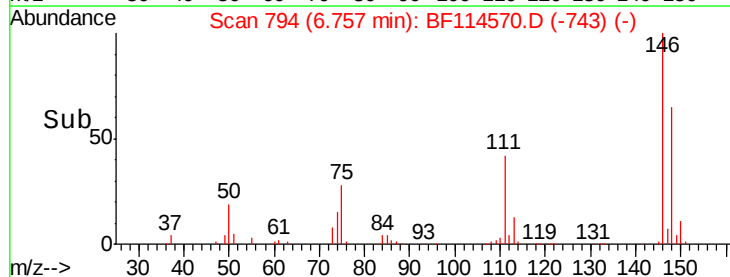
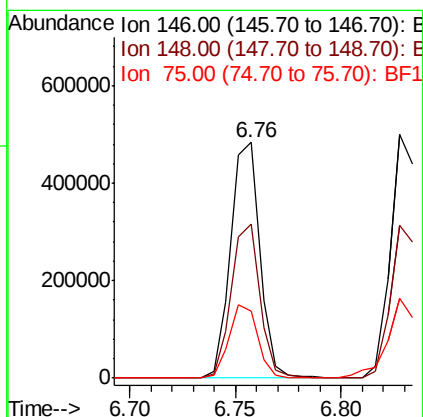
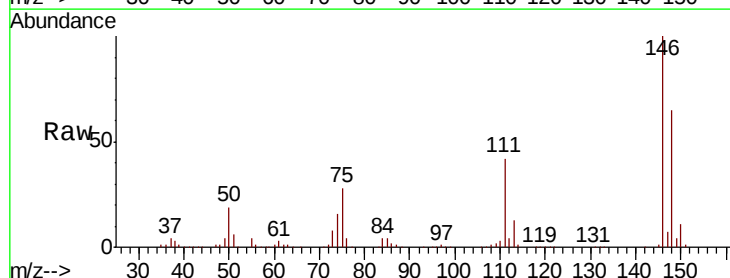
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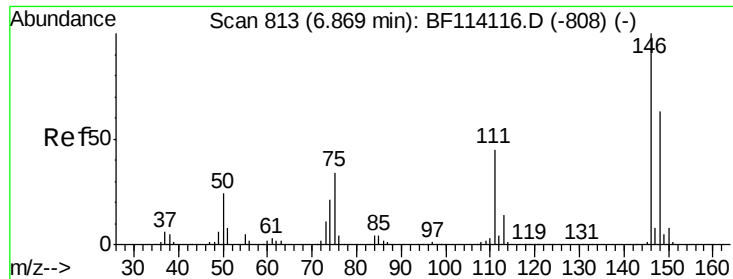
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#12
1,3-Dichlorobenzene
Concen: 40.881 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.6	77.4
75	28.5	24.2	36.2





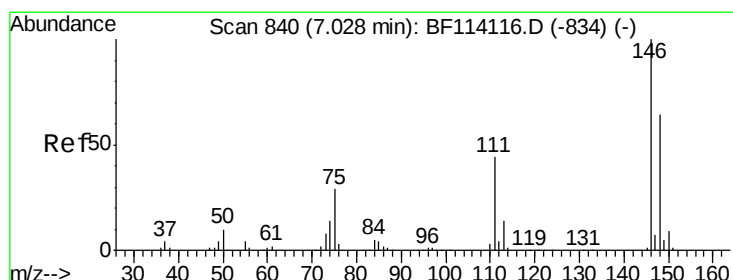
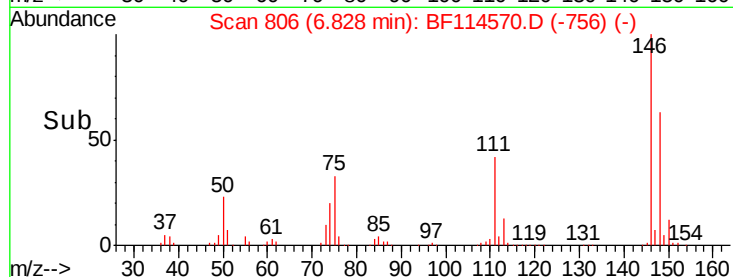
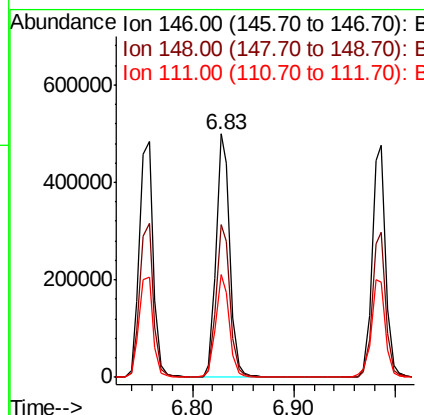
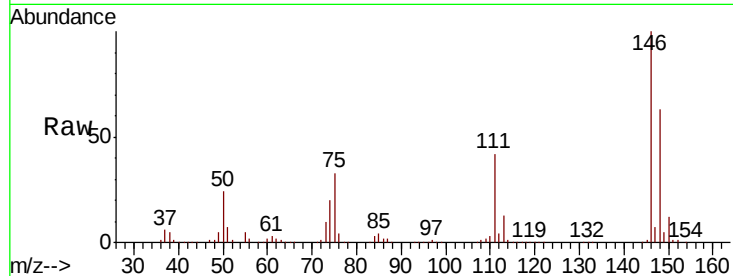
#13
 1,4-Dichlorobenzene
 Concen: 41.524 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.2	75.2
111	42.5	35.8	53.6

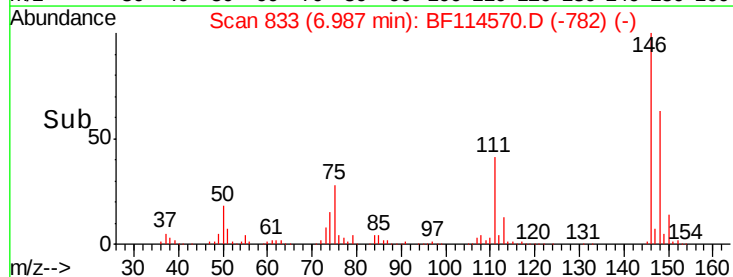
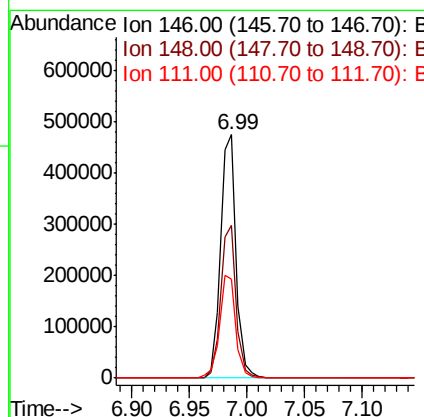
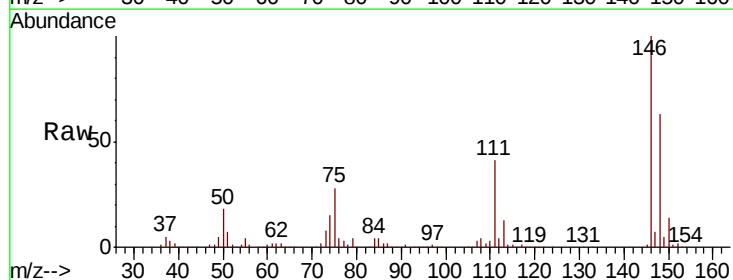
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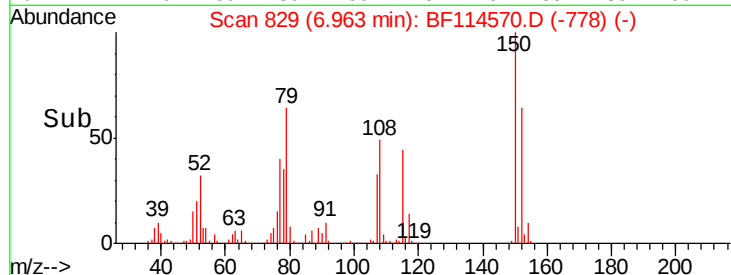
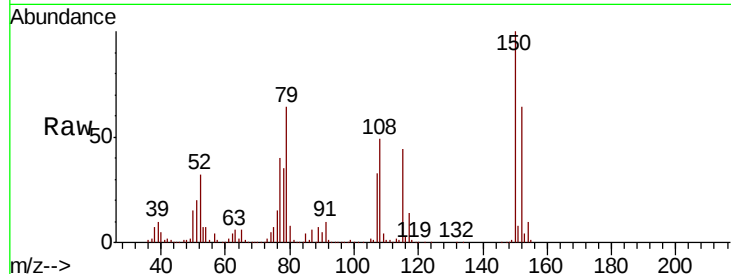
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#14
 1,2-Dichlorobenzene
 Concen: 42.396 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.1	76.7
111	40.9	35.3	52.9





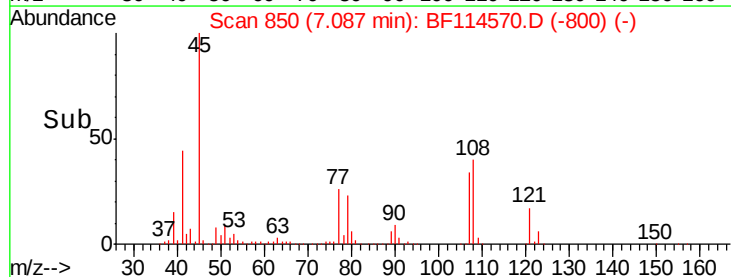
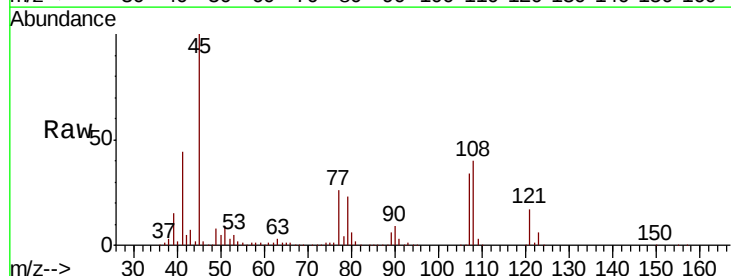
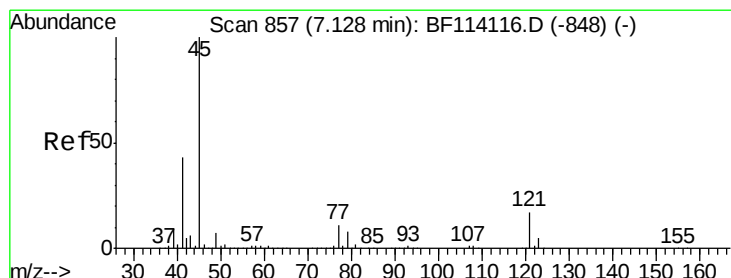
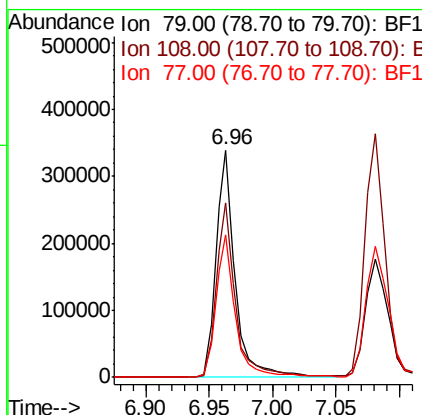
#15
Benzyl Alcohol
Concen: 41.628 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.8	62.1	93.1	
77	62.6	51.0	76.6	

Instrument :
BNA_F
ClientSampleId :
PB119776BS

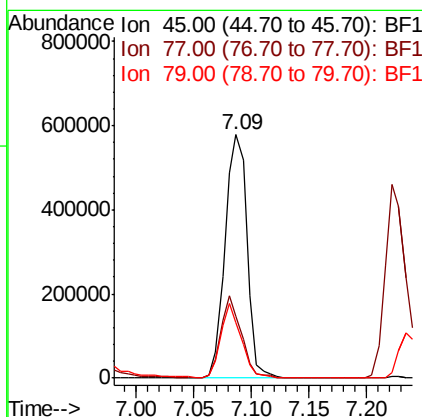
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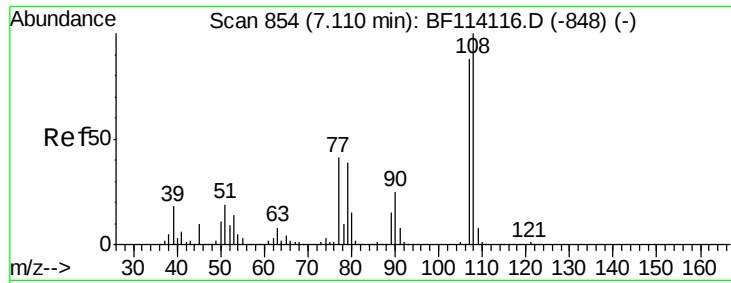
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.385 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	25.7	0.0	31.1	
79	23.0	0.0	28.4	





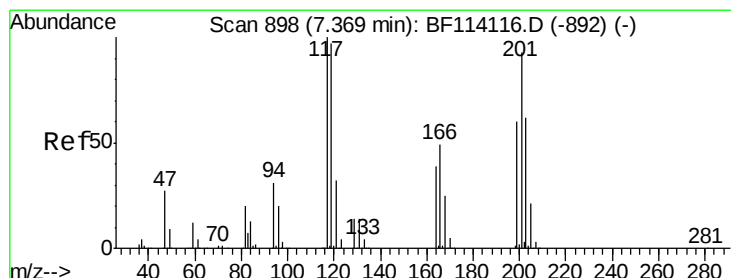
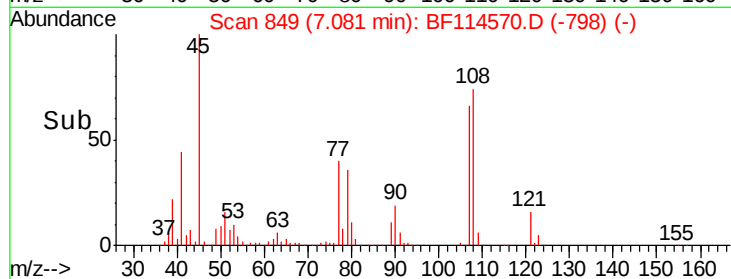
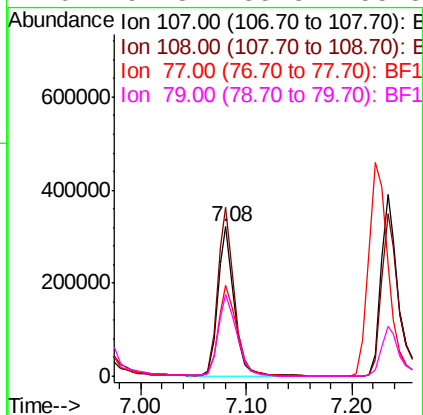
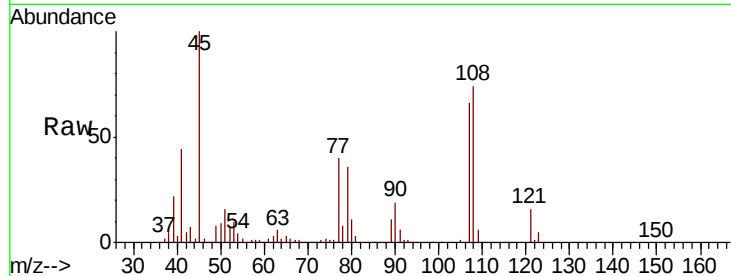
#17
2-Methylphenol
Concen: 42.290 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	90.5	135.7	
77	61.1	37.0	55.4	
79	54.8	35.8	53.8	

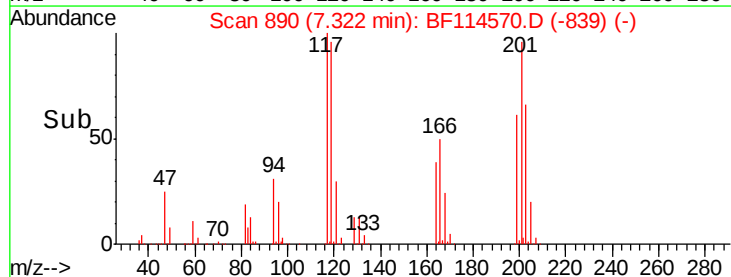
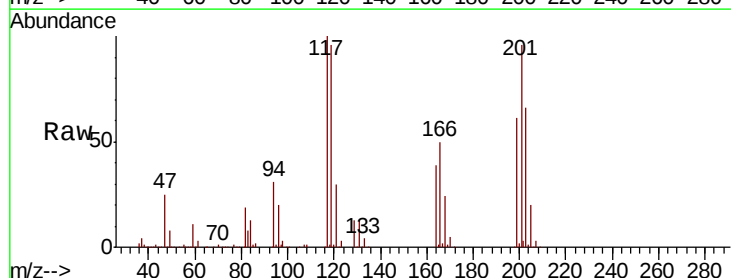
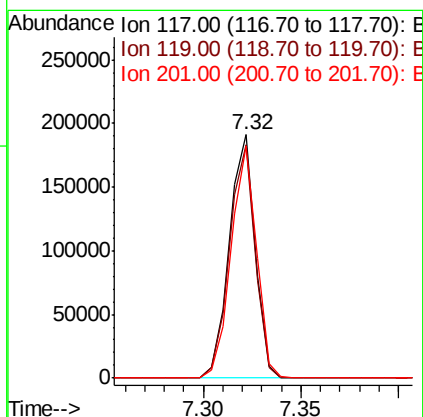
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#18
Hexachloroethane
Concen: 40.798 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	77.4	116.2	
201	95.6	74.5	111.7	





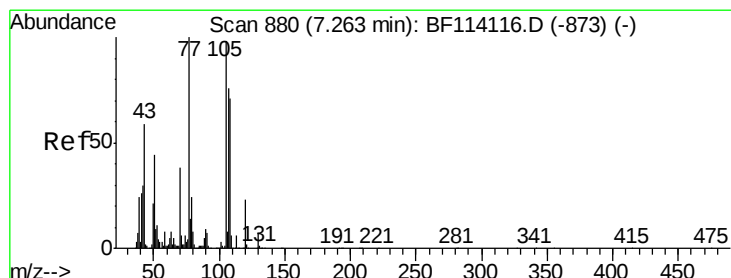
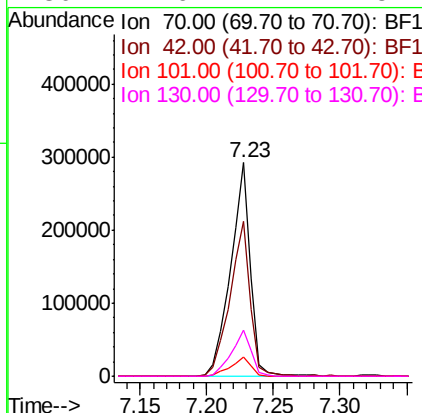
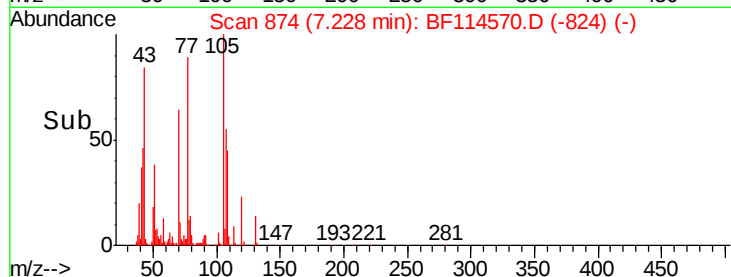
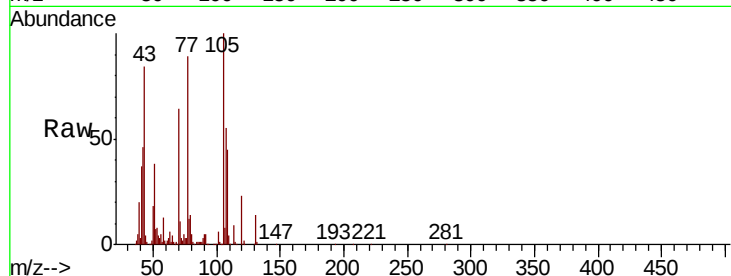
#19
n-Nitroso-di-n-propylamine
Concen: 43.000 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.8	58.6	87.8
101	9.1	7.8	11.8
130	21.6	17.1	25.7

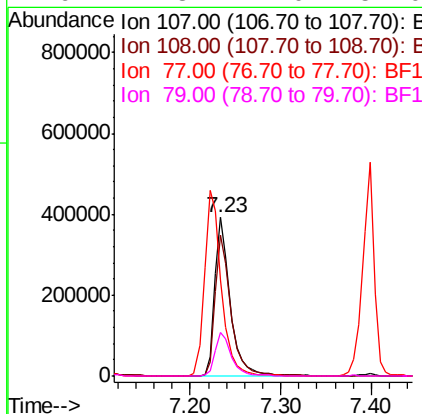
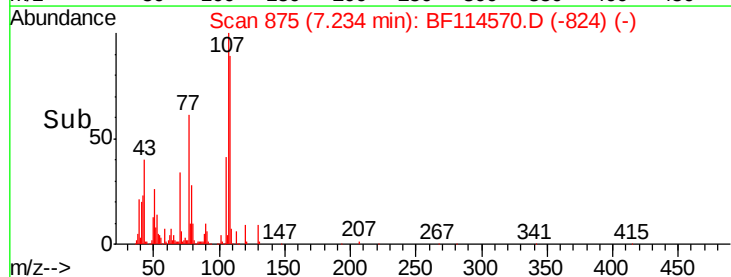
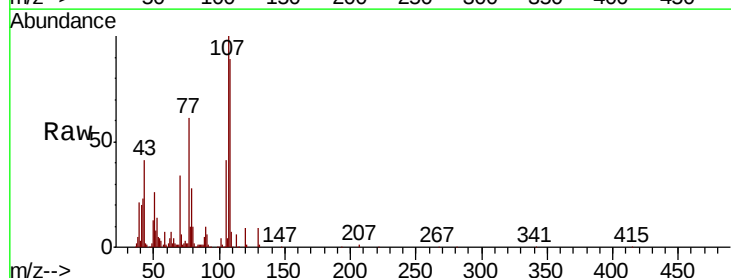
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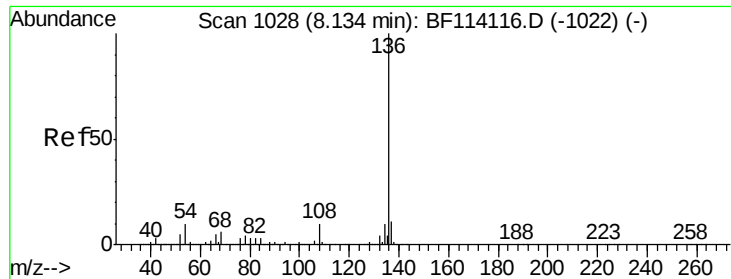
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#20
3+4-Methylphenols
Concen: 48.309 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	73.8	113.8
77	61.0	111.5	151.5#
79	27.8	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: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA_F

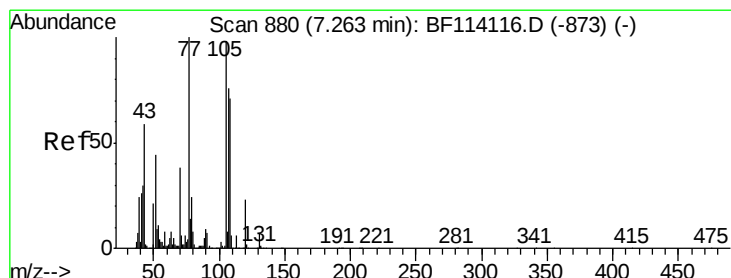
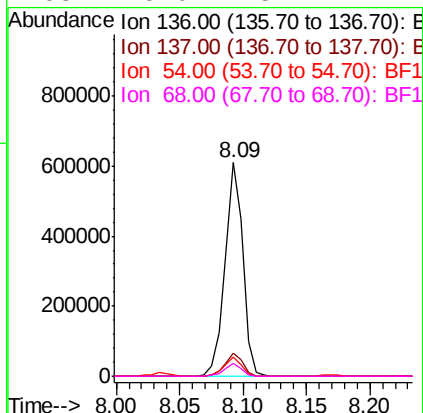
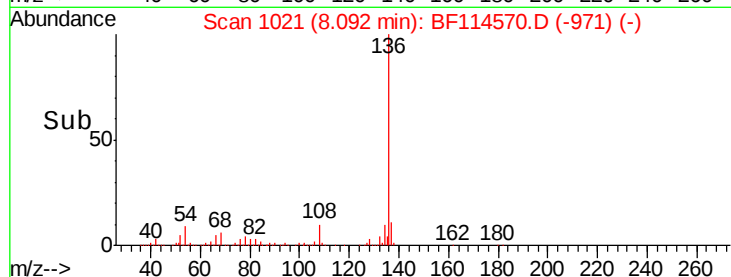
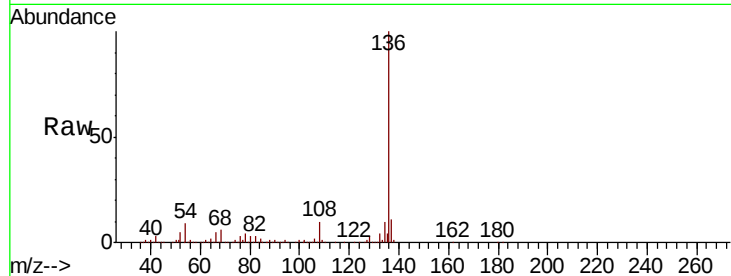
ClientSampleId :

PB119776BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		592902		
137	11.1		8.8	13.2	
54	9.3		7.8	11.8	
68	6.0		5.1	7.7	

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#22

Acetophenone

Concen: 45.906 ng

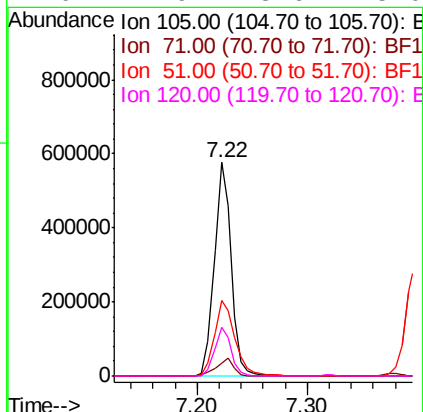
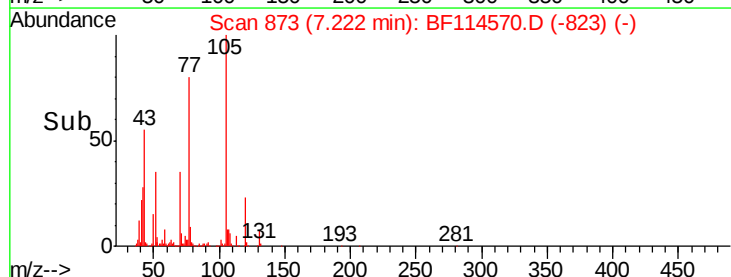
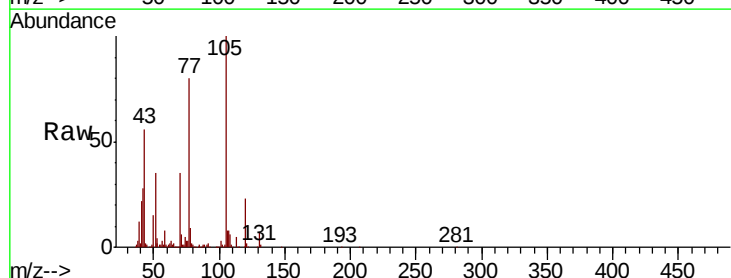
RT: 7.22 min Scan# 873

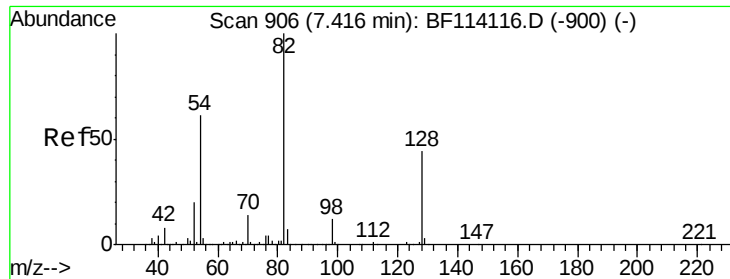
Delta R.T. -0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		602964		
71	6.1		5.3	7.9	
51	35.3		36.2	54.4	
120	22.9		18.6	28.0	





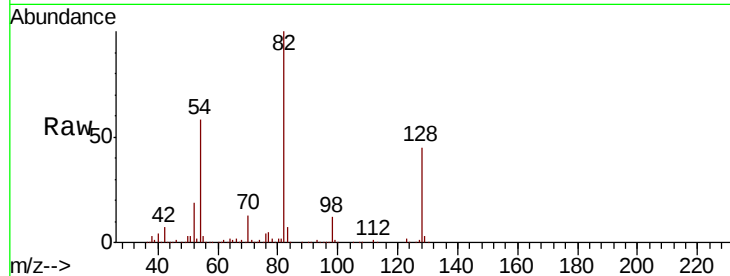
#23
Nitrobenzene-d5
Concen: 89.618 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

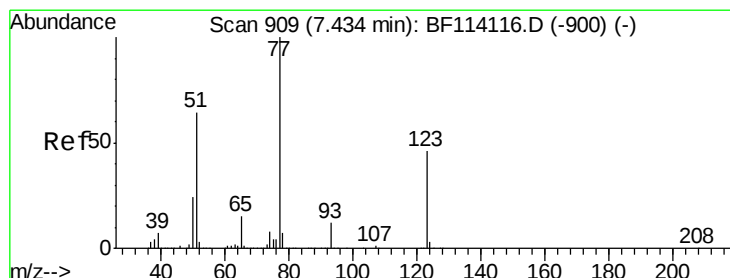
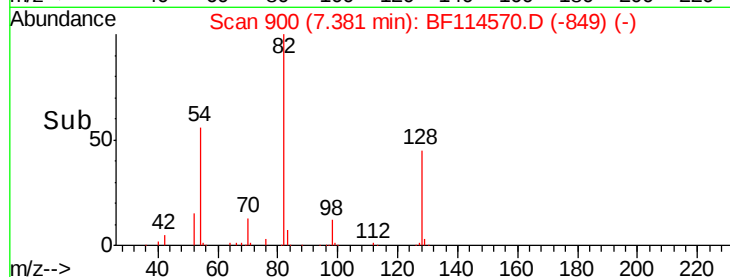
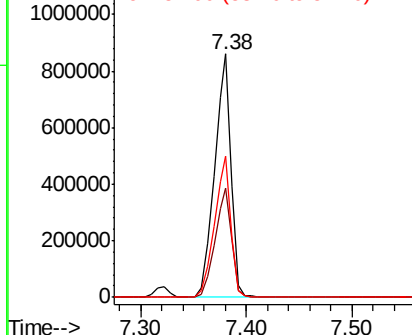
Tot Ion	Ratio	Resp	Lower	Upper
82	100	946801		
128	44.8	35.5	53.3	
54	57.8	48.5	72.7	

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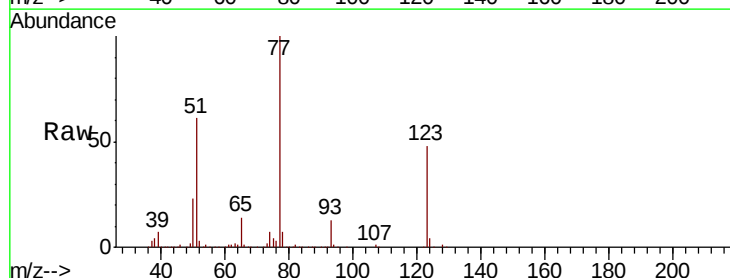


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

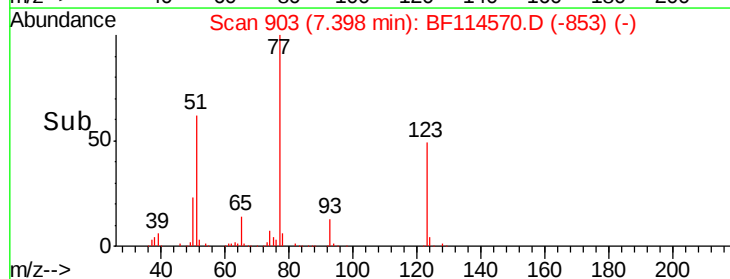
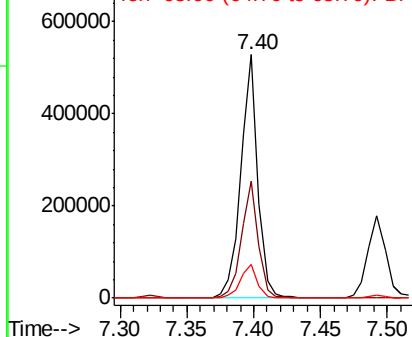


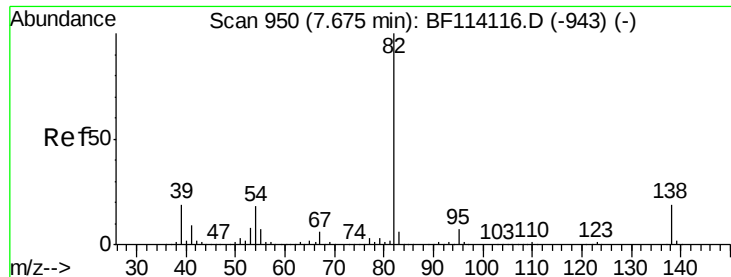
#24
Nitrobenzene
Concen: 43.533 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	468430		
123	48.2	36.9	55.3	
65	14.0	11.8	17.6	



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.454 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA_F

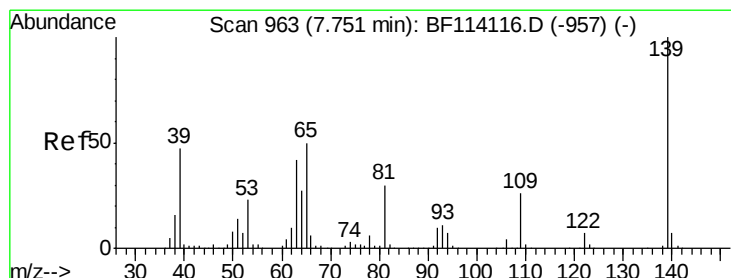
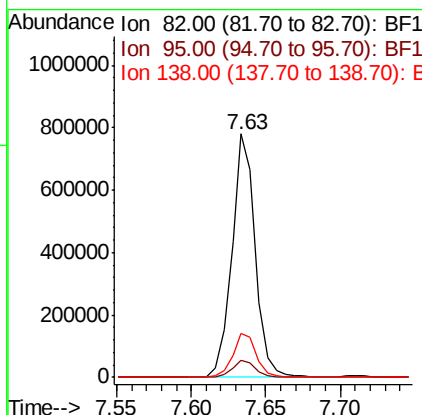
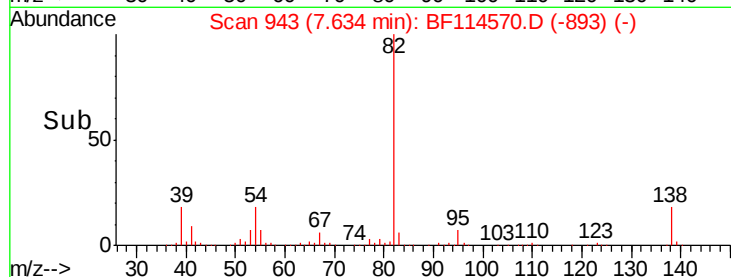
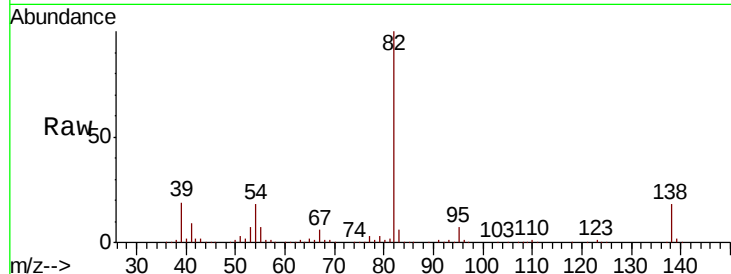
ClientSampleId :

PB119776BS

Tot Ion:	82	Resp:	851414
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	17.9	14.8	22.2

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#26

2-Nitrophenol

Concen: 46.950 ng

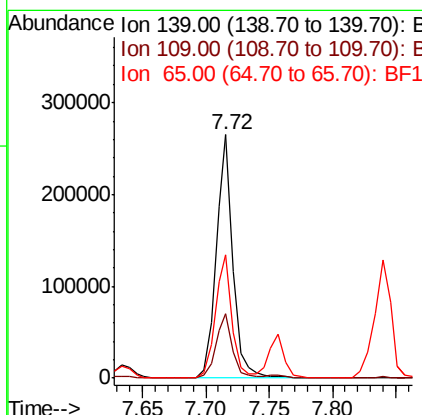
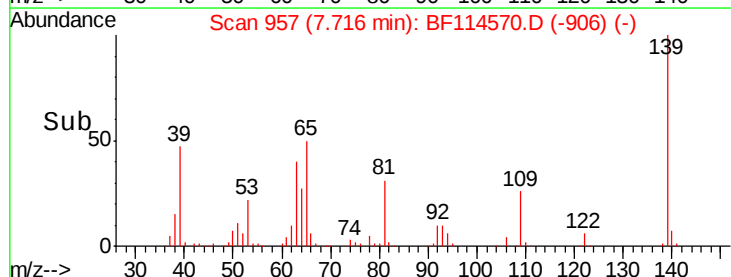
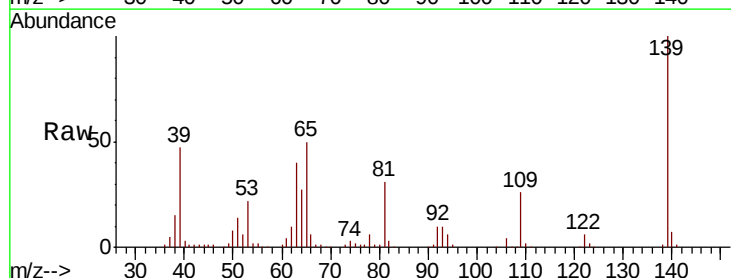
RT: 7.72 min Scan# 957

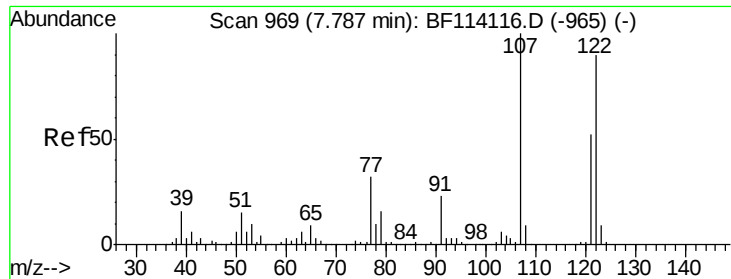
Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Tgt Ion:	139	Resp:	245107
Ion Ratio	Lower	Upper	
139	100		
109	26.2	20.7	31.1
65	50.5	40.2	60.2





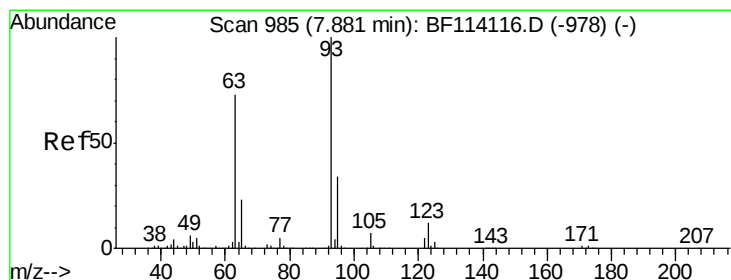
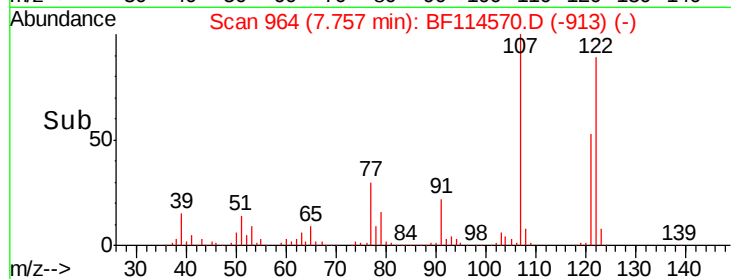
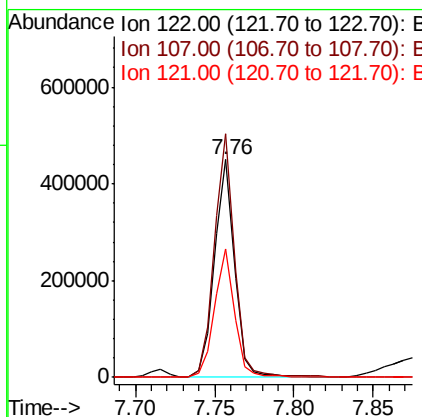
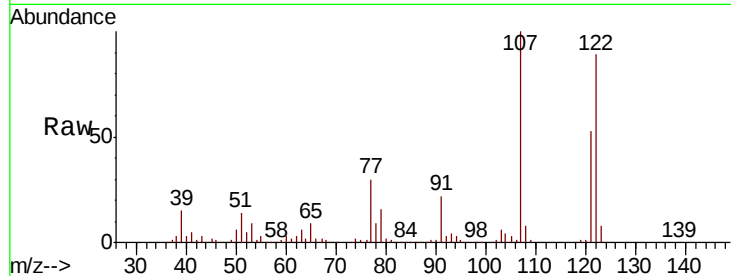
#27
 2,4-Dimethylphenol
 Concen: 48.322 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	396210		
107	112.0	88.4	132.6	
121	59.2	45.9	68.9	

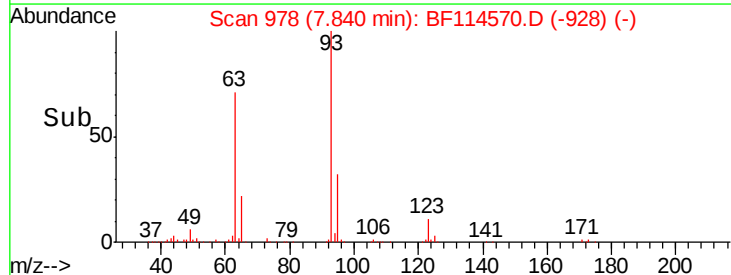
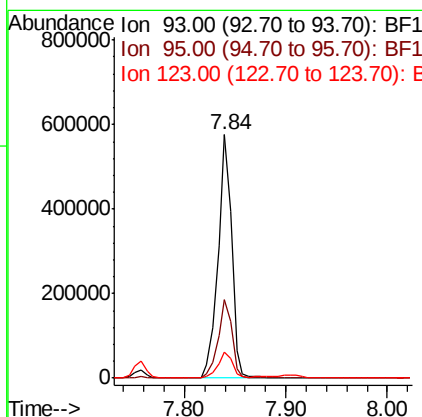
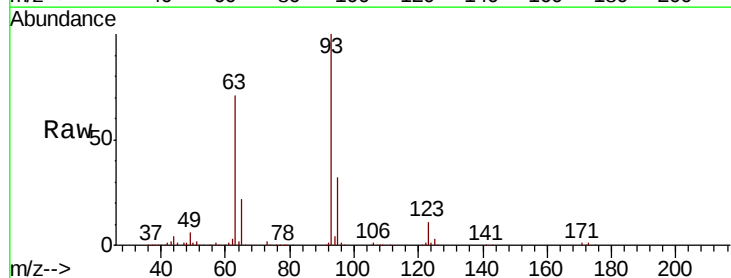
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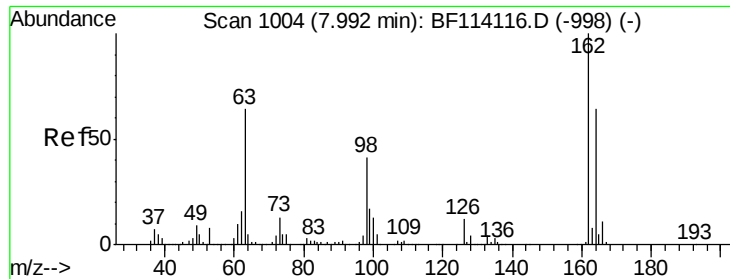
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.637 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	542045		
95	32.3	26.8	40.2	
123	10.8	9.5	14.3	





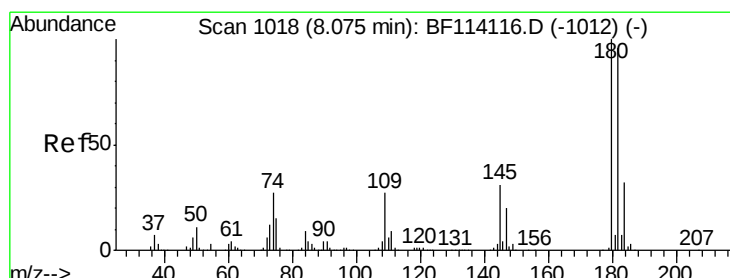
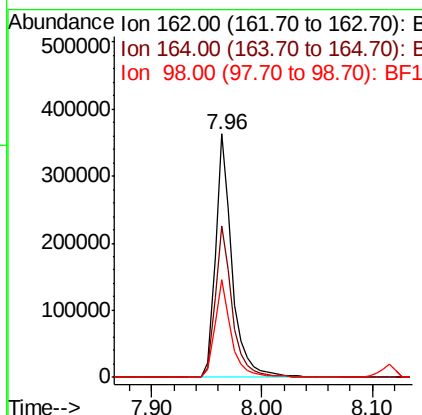
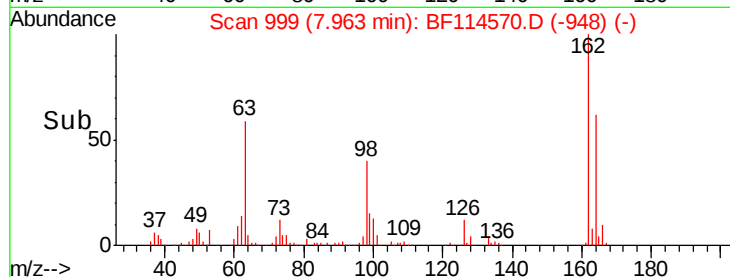
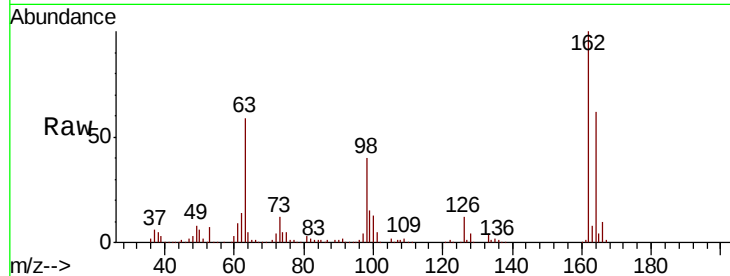
#29
2,4-Dichlorophenol
Concen: 45.971 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	375330		
164	62.2	43.6	83.6	
98	40.0	20.6	60.6	

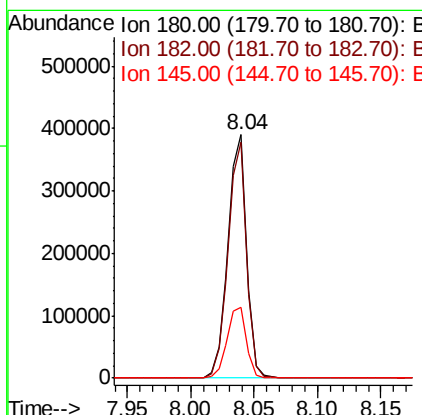
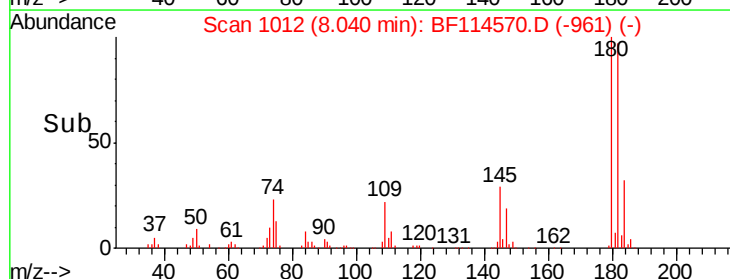
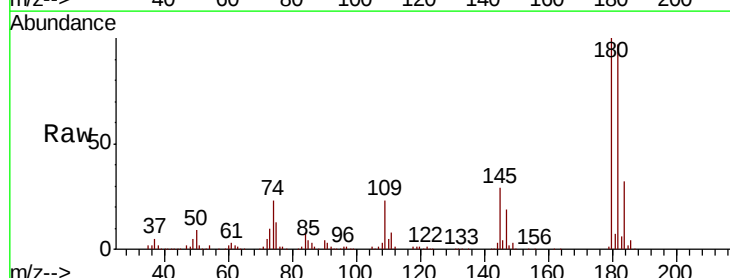
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#30
1,2,4-Trichlorobenzene
Concen: 42.426 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	393892		
182	96.7	76.6	114.8	
145	29.2	25.1	37.7	





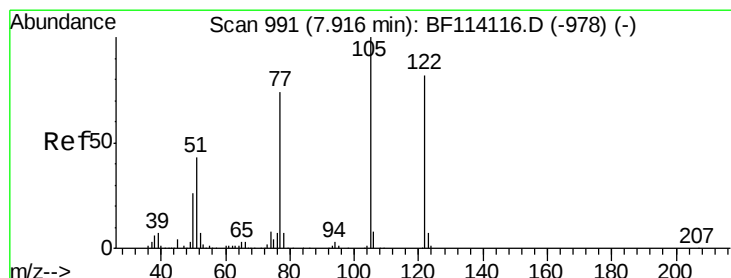
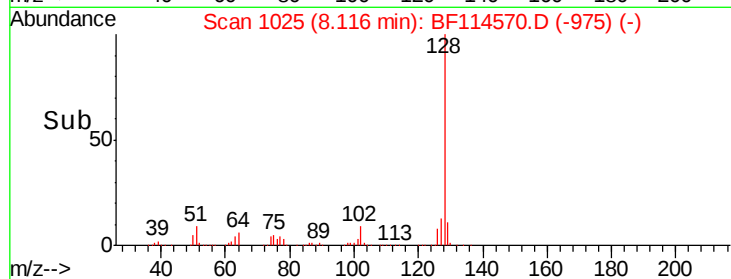
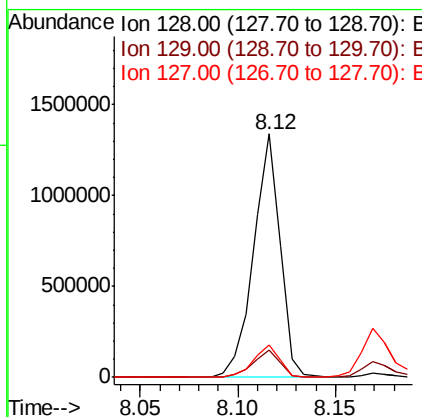
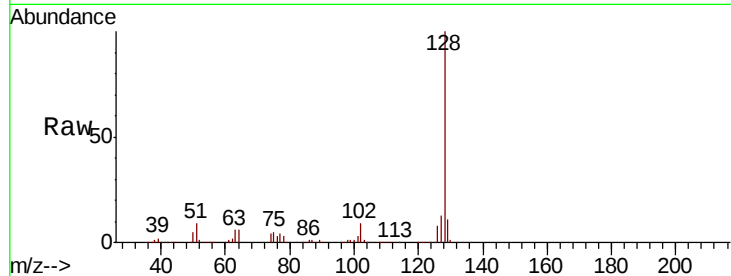
#31
Naphthalene
Concen: 45.561 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	13.4	11.3	16.9

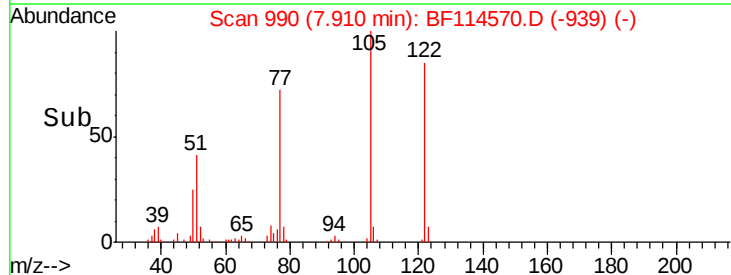
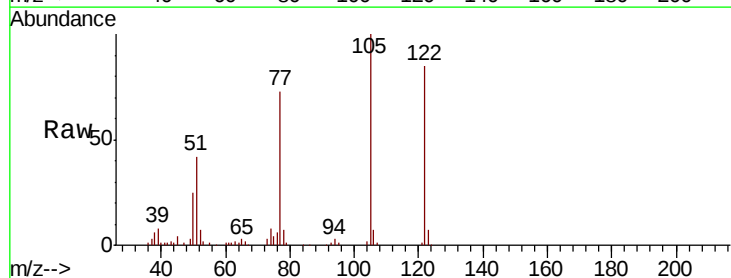
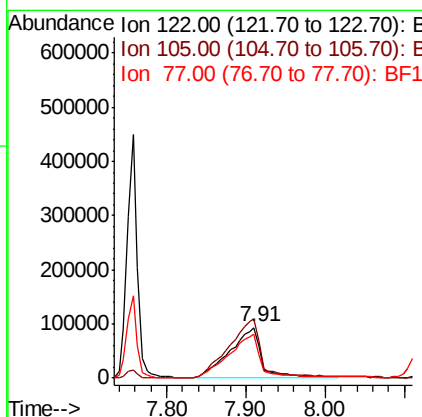
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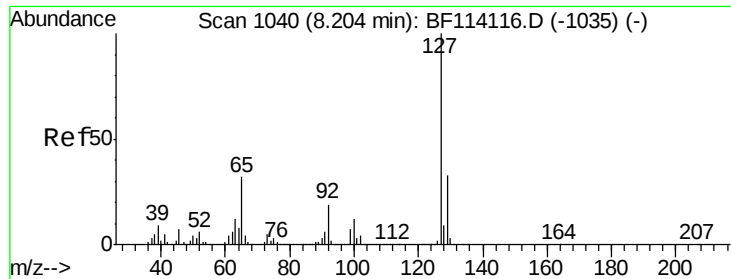
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#32
Benzoic acid
Concen: 43.750 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.1	99.9	139.9
77	86.0	69.4	109.4





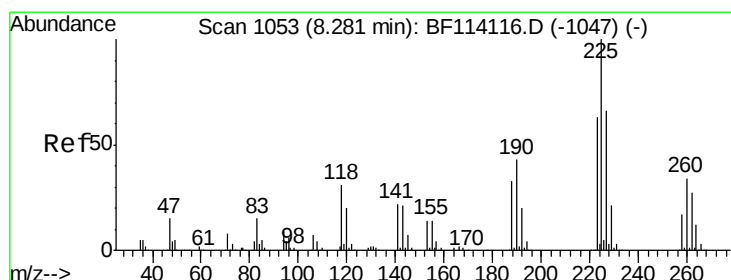
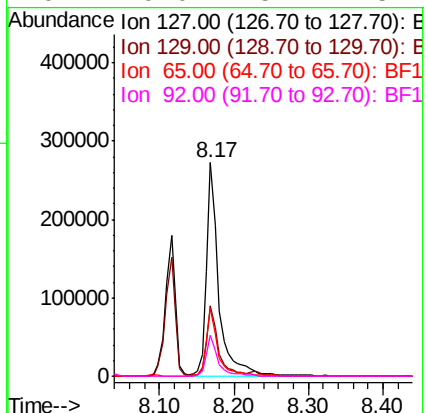
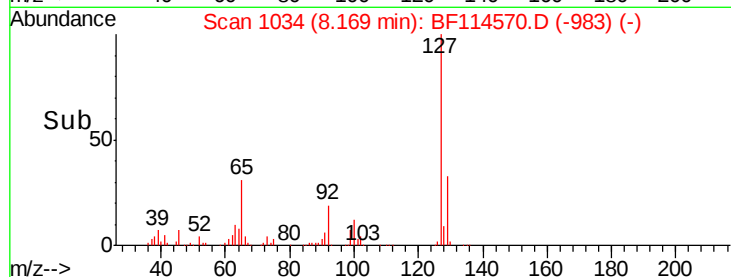
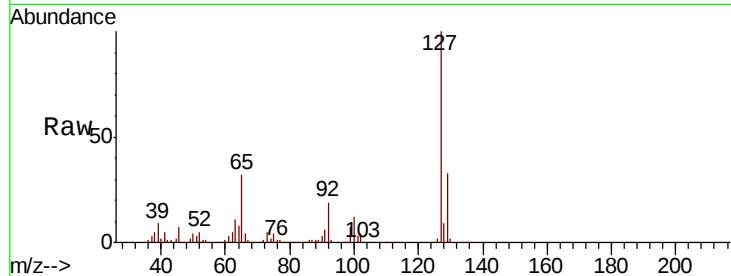
#33
4-Chloroaniline
Concen: 24.782 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.7	40.1	
65	31.7	25.4	38.0	
92	19.0	15.4	23.2	

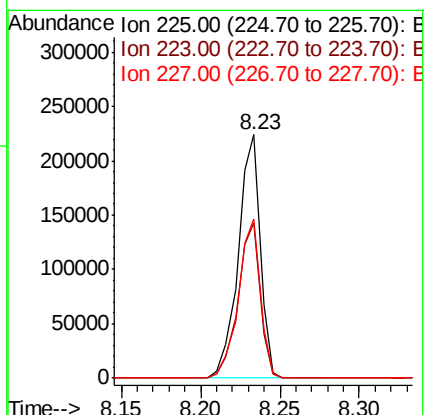
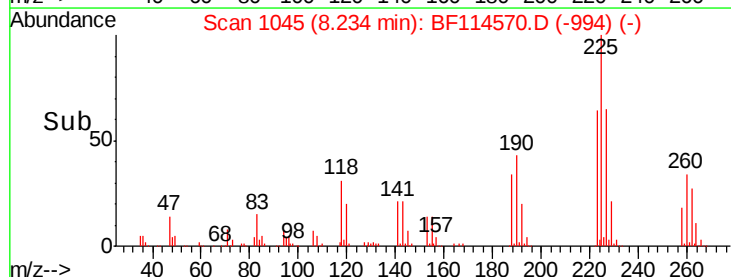
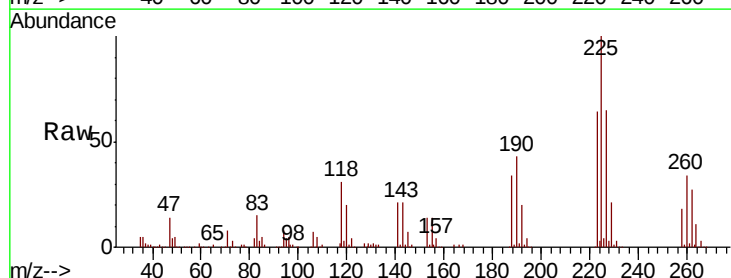
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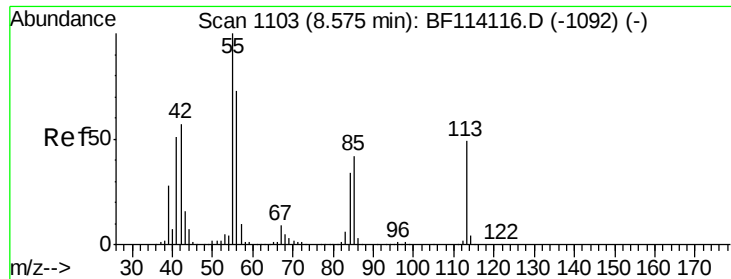
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#34
Hexachlorobutadiene
Concen: 40.803 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	50.2	75.2	
227	65.2	52.6	79.0	





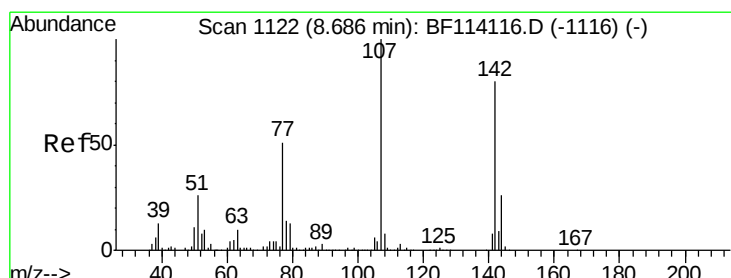
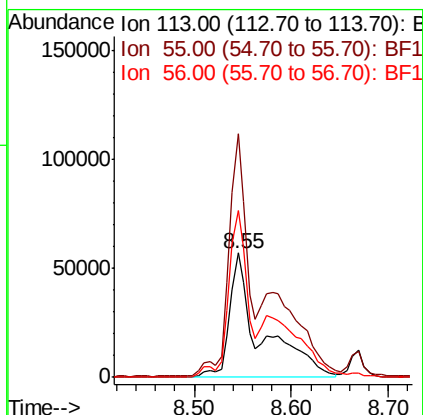
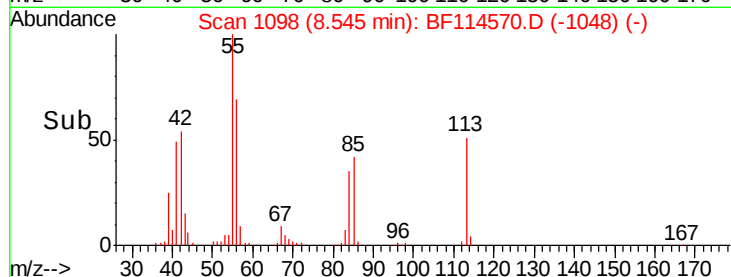
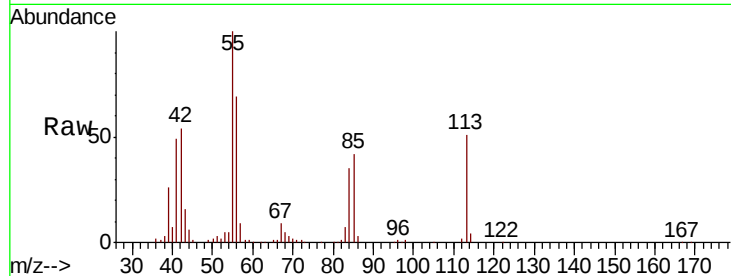
#35
Caprolactam
Concen: 48.065 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	195.5	183.5	223.5
56	134.0	128.8	168.8

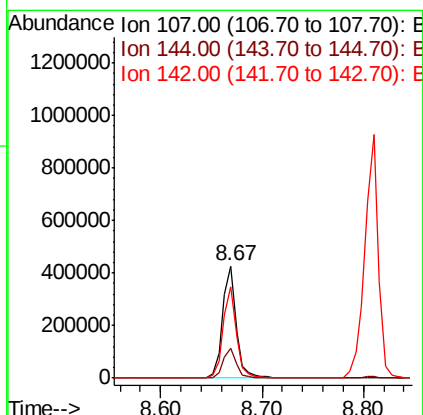
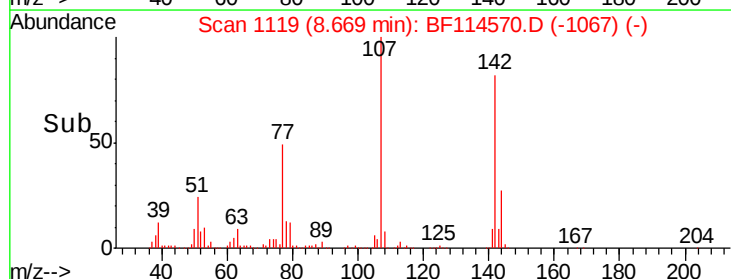
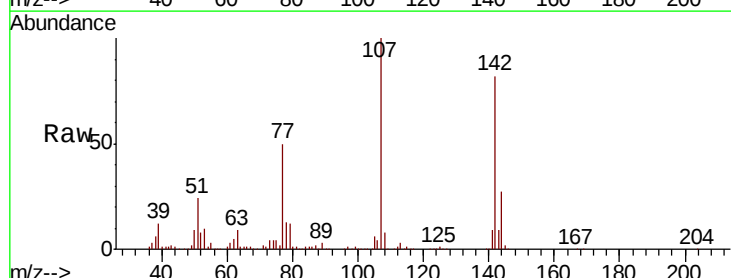
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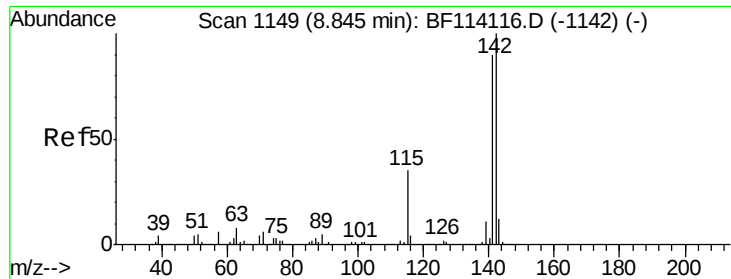
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#36
4-Chloro-3-methylphenol
Concen: 48.392 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.4	30.6
142	81.7	64.2	96.4





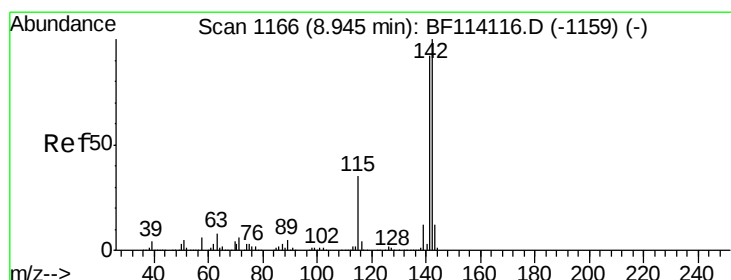
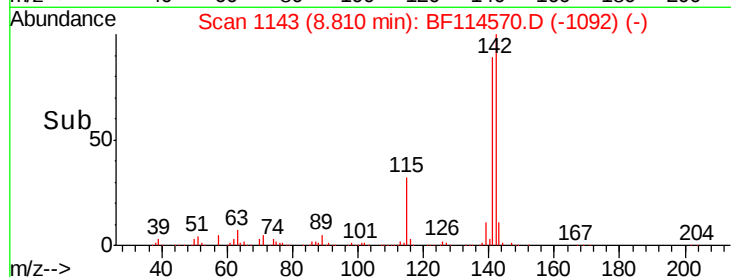
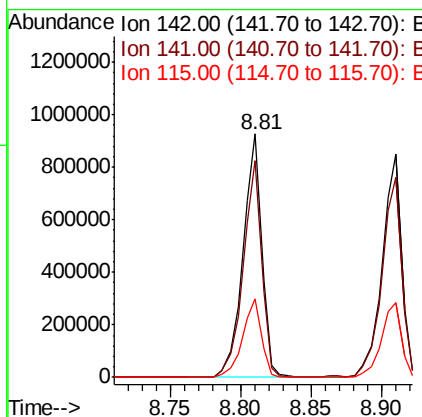
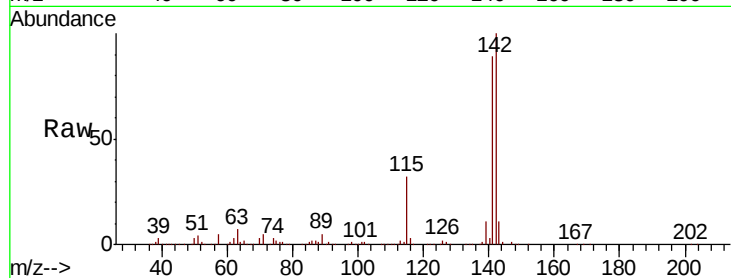
#37
2-Methylnaphthalene
Concen: 48.085 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.1	108.1
115	32.4	28.0	42.0

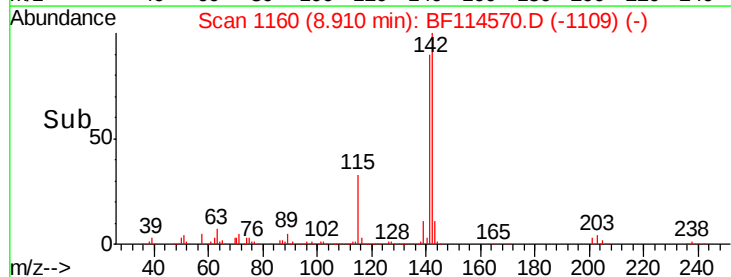
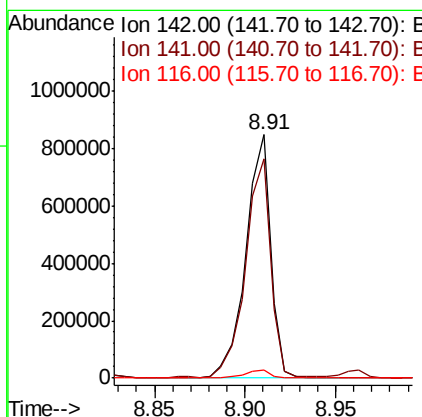
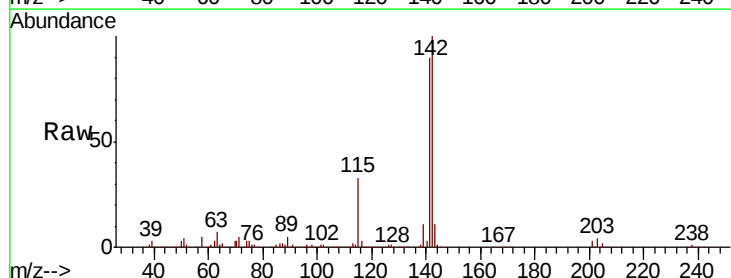
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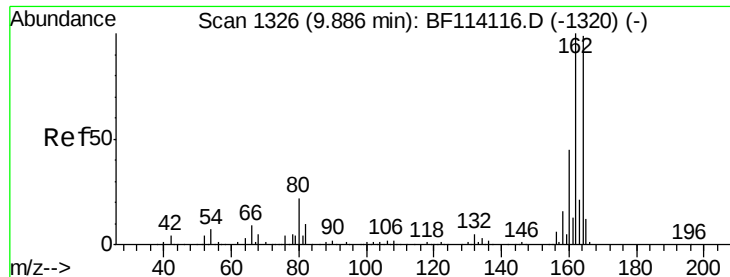
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#38
1-Methylnaphthalene
Concen: 47.899 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.4	110.0
116	3.3	3.1	4.7





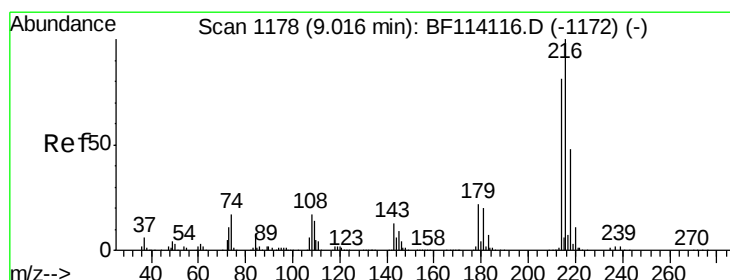
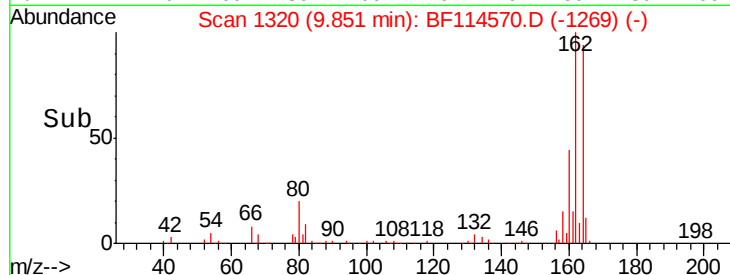
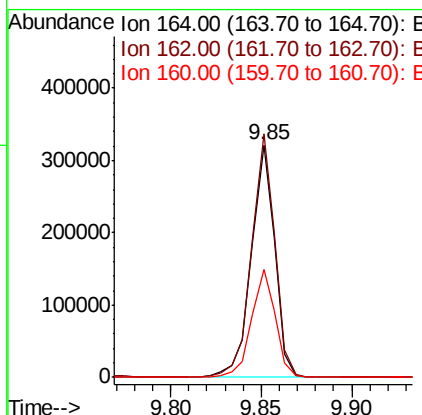
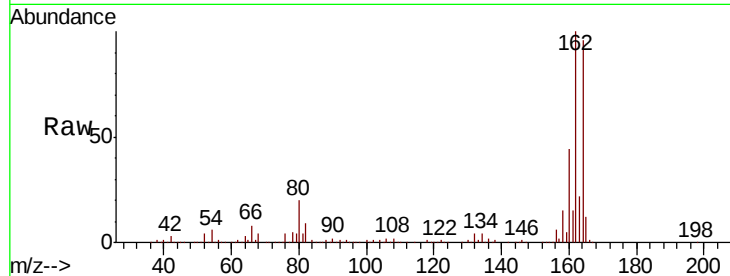
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion:	164	Resp:	287662
Ion Ratio	Lower	Upper	
164	100		
162	104.7	80.6	120.8
160	46.3	36.5	54.7

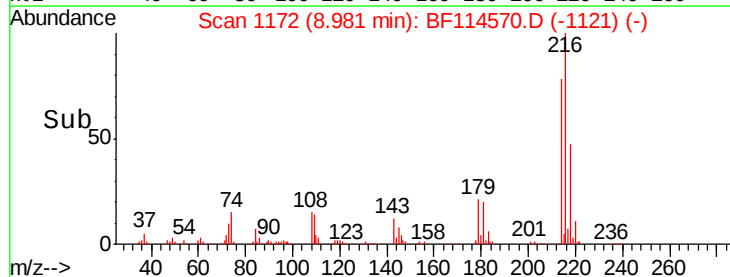
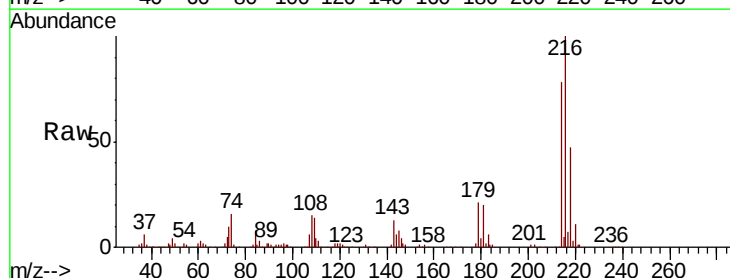
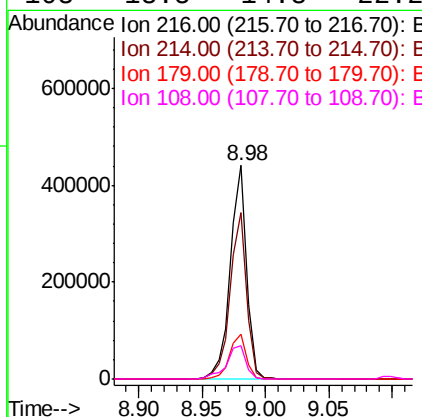
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.871 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Tgt Ion:	216	Resp:	391002
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.9	95.9
179	21.2	17.0	25.6
108	18.5	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 45.916 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA_F

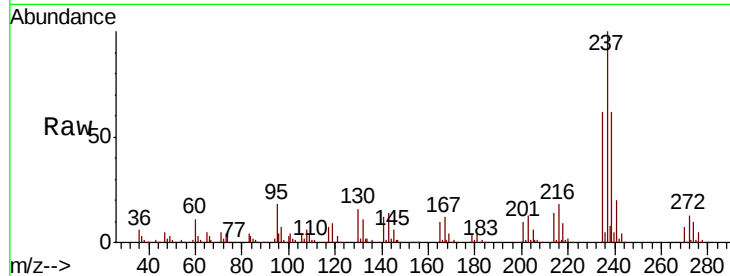
ClientSampleId :

PB119776BS

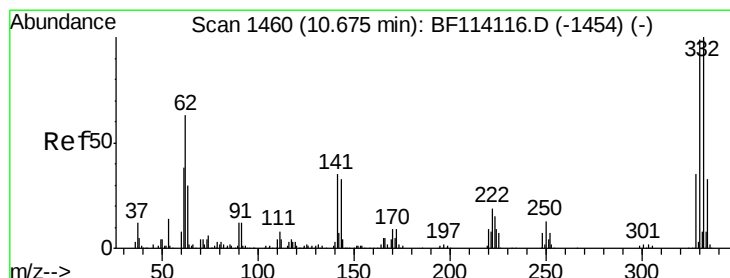
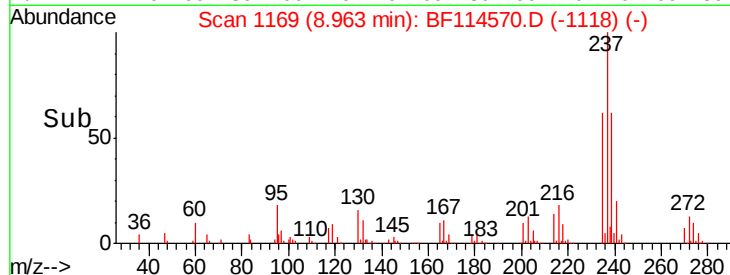
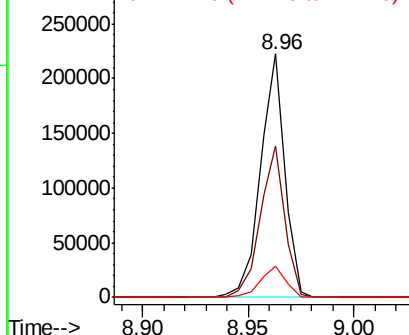
Tot Ion:	237	Resp:	178495
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.0	82.0
272	12.9	0.0	32.4

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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: 132.967 ng

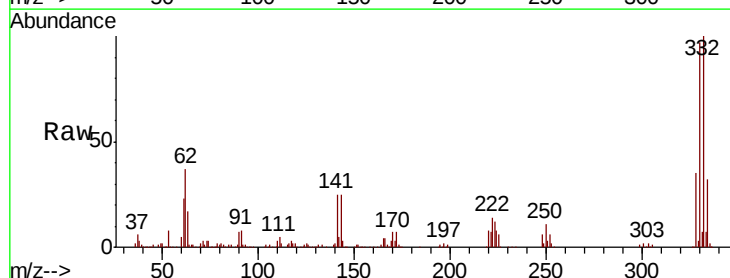
RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

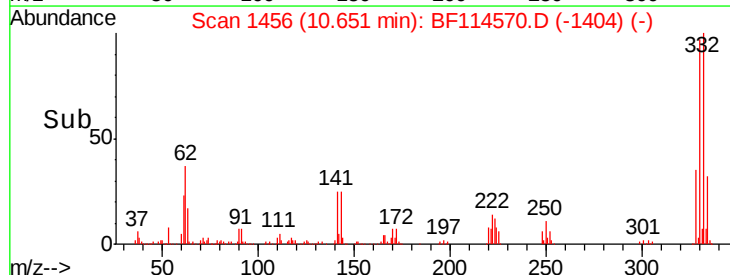
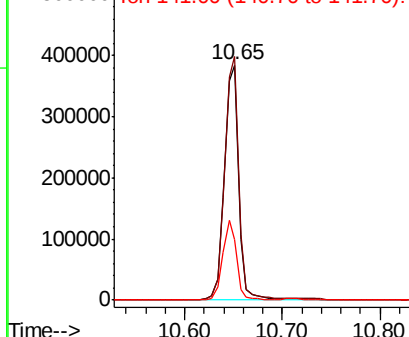
Lab File: BF114570.D

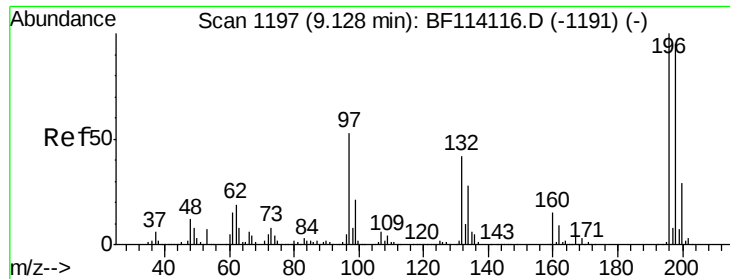
Acq: 24 May 2019 15:23

Tgt Ion:	330	Resp:	395437
Ion Ratio	Lower	Upper	
330	100		
332	102.6	81.4	122.2
141	32.7	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





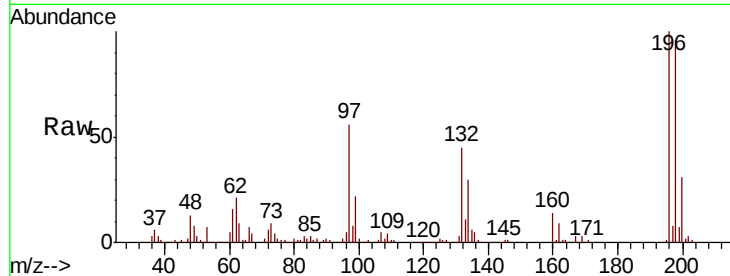
#43
 2,4,6-Trichlorophenol
 Concen: 41.699 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	249931		
198	96.2	75.9	113.9	
200	30.6	23.5	35.3	

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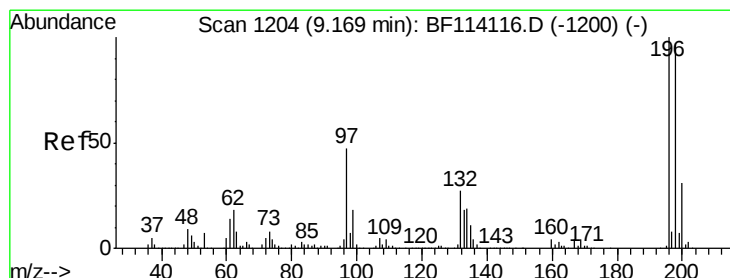
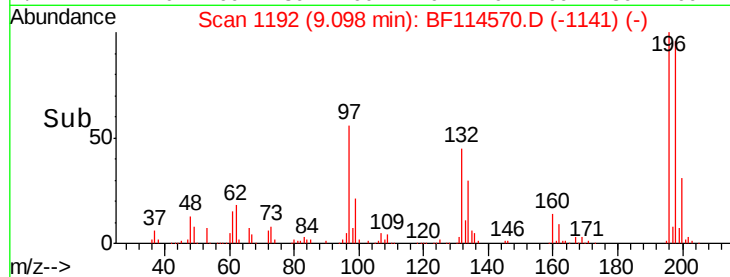
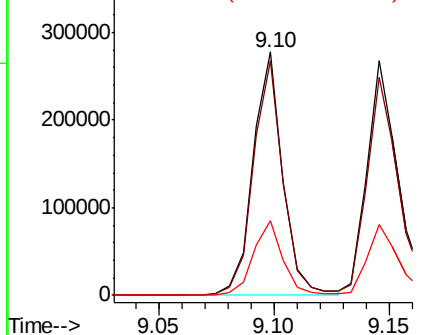


Abundance

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: 42.882 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	263586		
198	92.8	77.7	116.5	
97	51.0	38.2	57.2	
132	29.1	21.4	32.2	

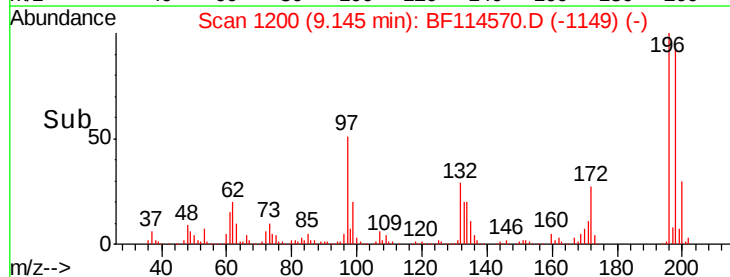
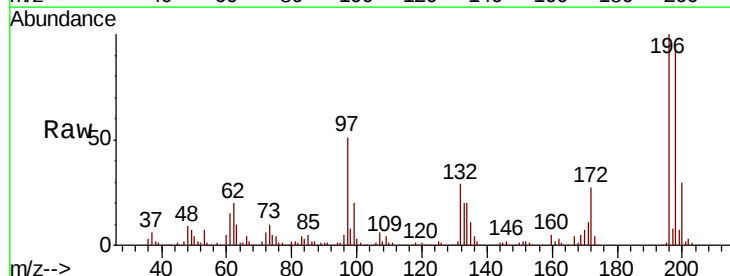
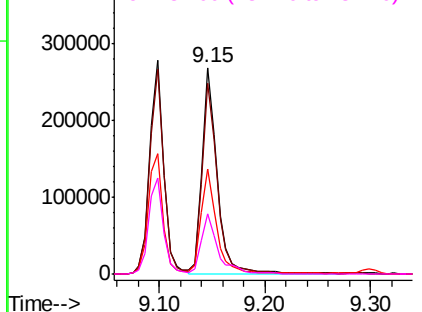
Abundance

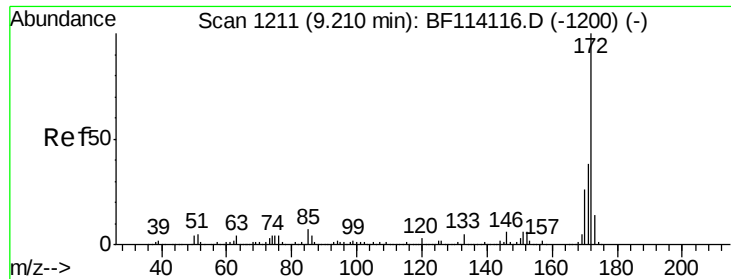
Ion 196.00 (195.70 to 196.70): E

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





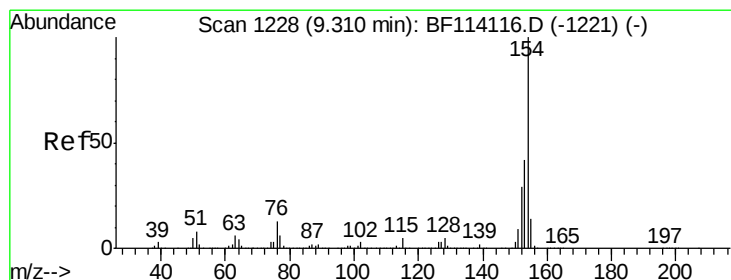
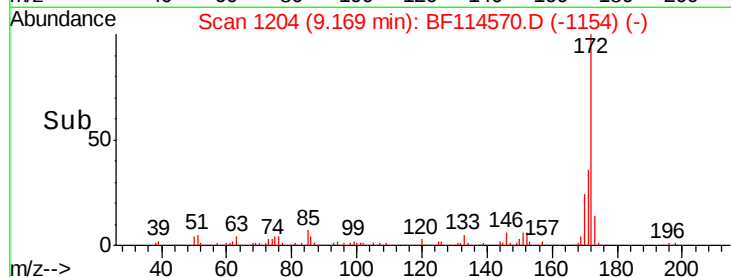
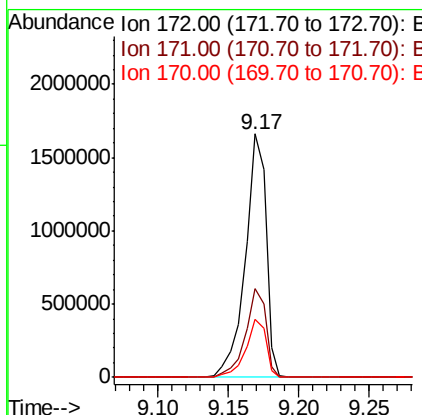
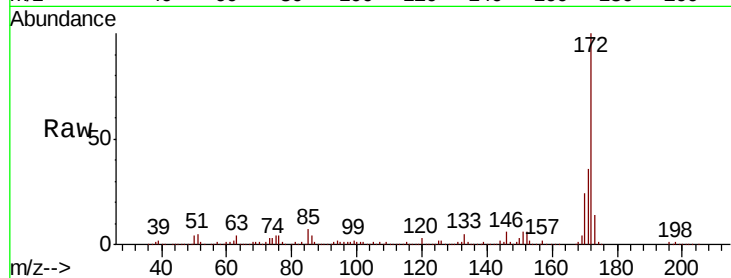
#45
2-Fluorobiphenyl
Concen: 90.282 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.7	46.1
170	23.9	20.5	30.7

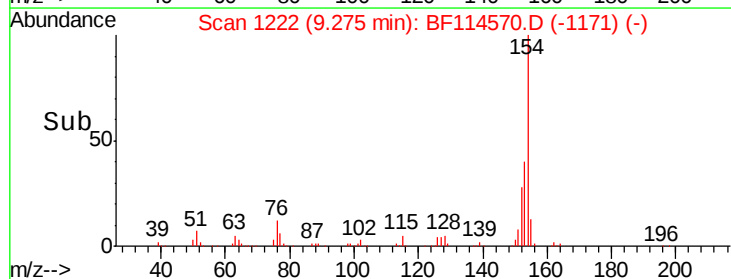
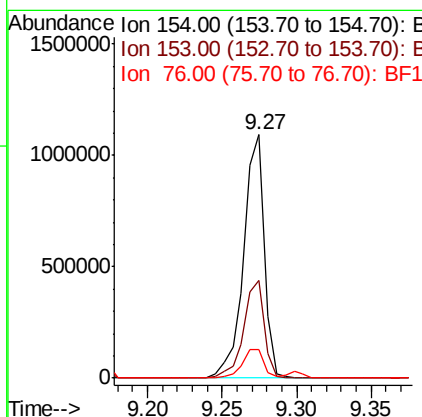
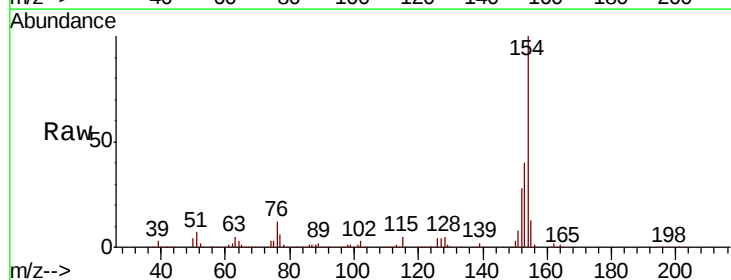
Manual Integrations
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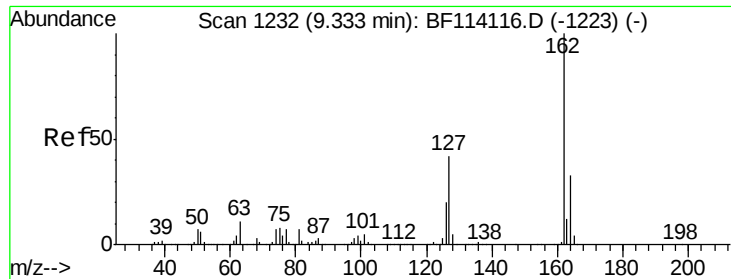
mohammad
5/27/2019 3:48:07 AM



#46
1,1'-Biphenyl
Concen: 45.200 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.9	61.9
76	11.6	0.0	32.8





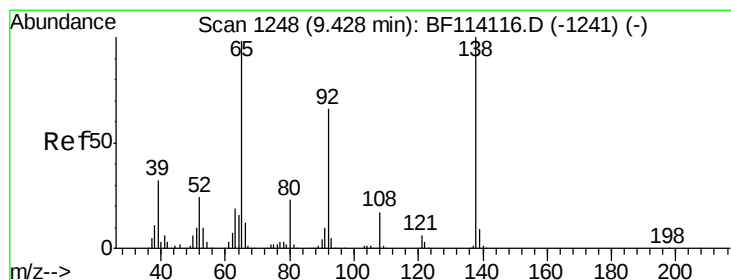
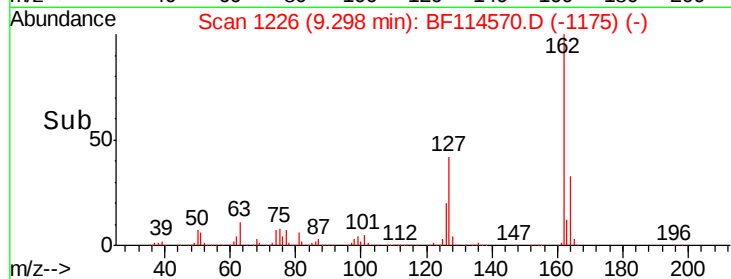
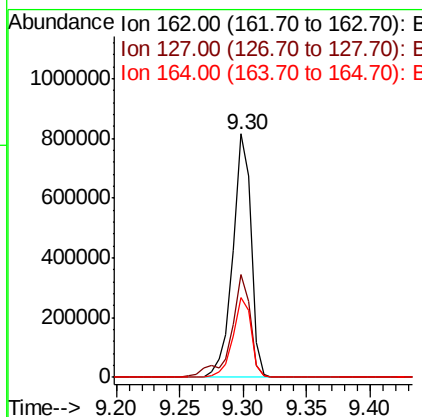
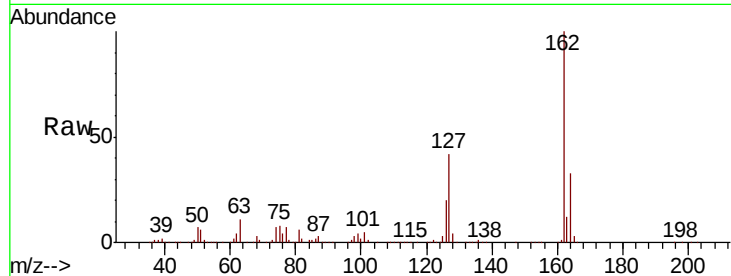
#47
 2-Chloronaphthalene
 Concen: 43.026 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Instrument :
 BNA_F
 ClientSampled :
 PB119776BS

Tot Ion:	162	Resp:	804695
Ion Ratio	Lower	Upper	
162	100		
127	42.0	34.0	51.0
164	32.7	26.7	40.1

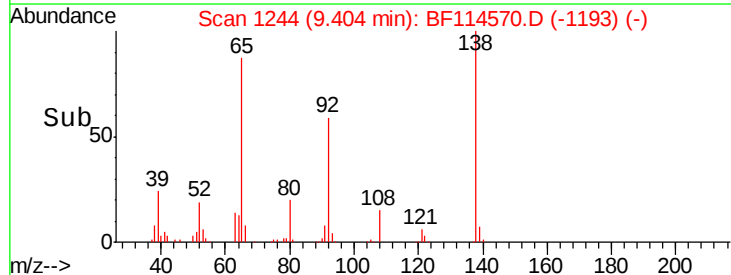
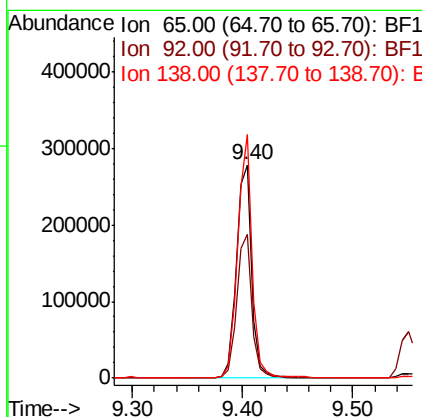
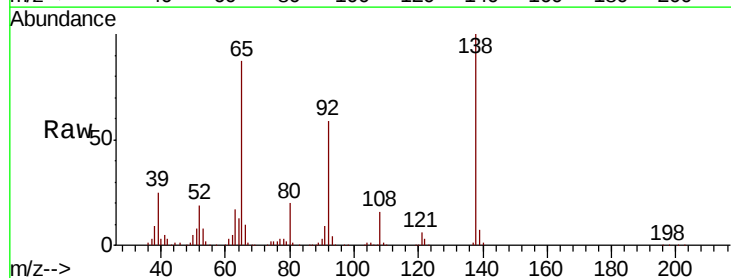
Manual Integrations
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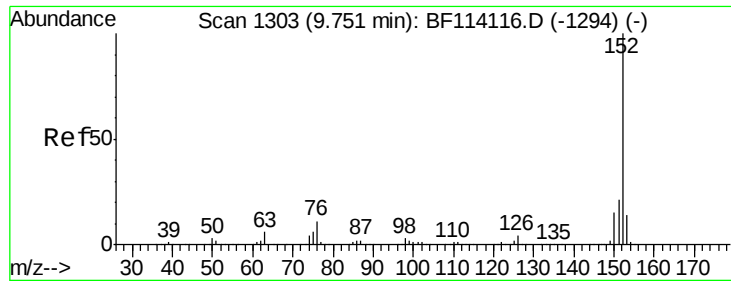
mohammad
 5/27/2019 3:48:07 AM



#48
 2-Nitroaniline
 Concen: 41.171 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Tgt Ion:	65	Resp:	273080
Ion Ratio	Lower	Upper	
65	100		
92	67.8	53.9	80.9
138	114.4	81.4	122.0





#49

Acenaphthylene

Concen: 44.949 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion:152 Resp: 1278595

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

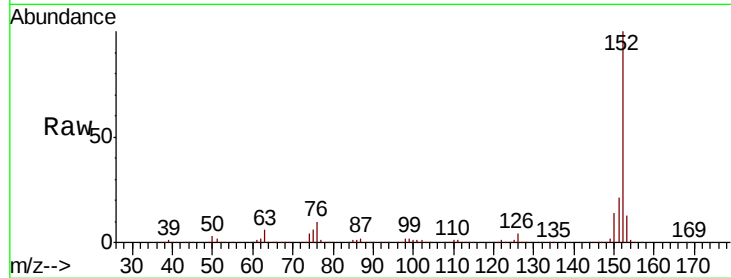
153 13.3 11.4 17.2

Manual Integrations

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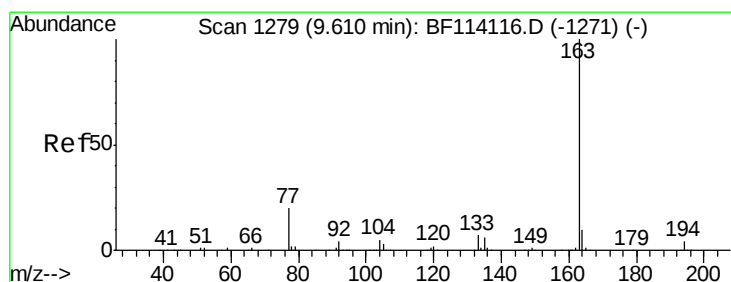
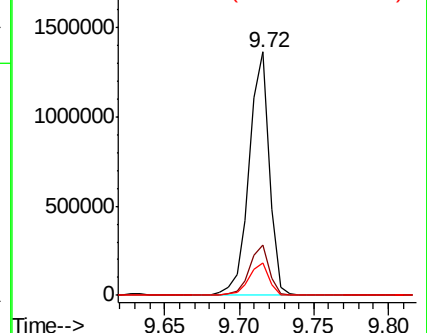
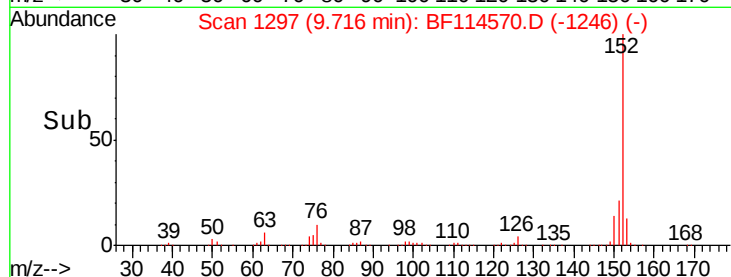
5/27/2019 3:48:07 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.941 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

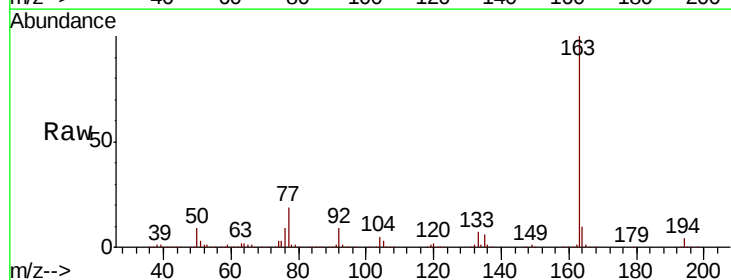
Tgt Ion:163 Resp: 927902

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

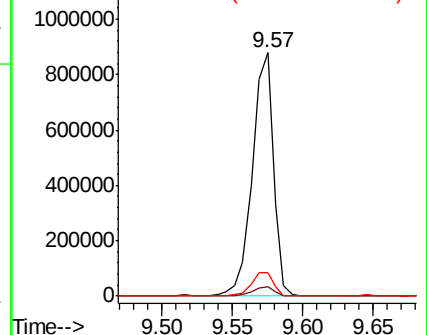
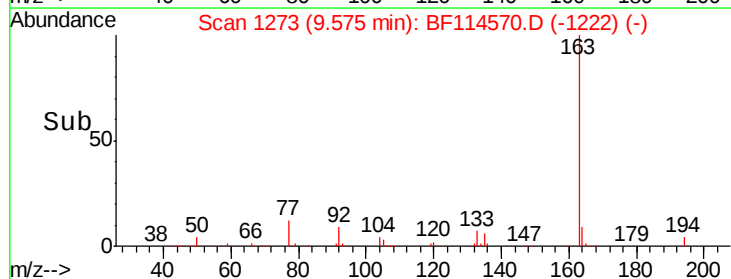
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





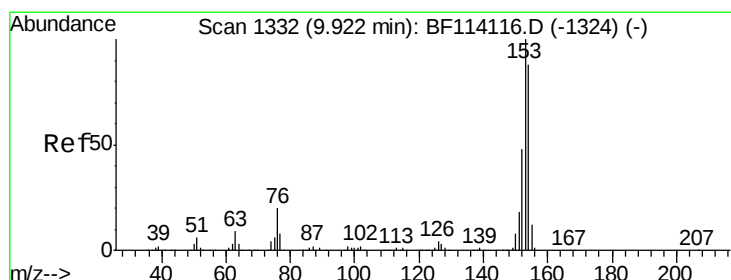
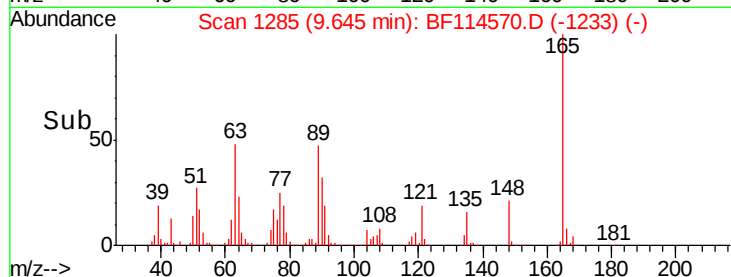
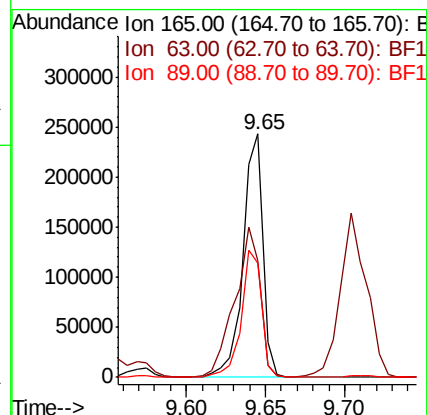
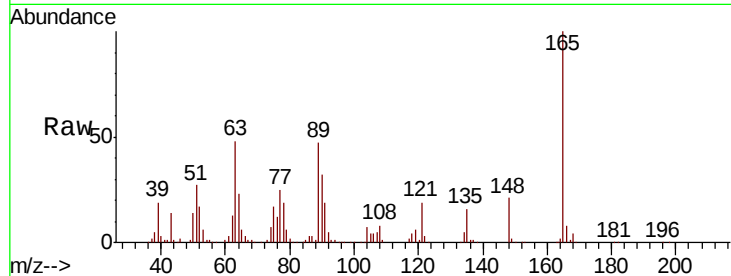
#51
 2,6-Dinitrotoluene
 Concen: 45.153 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	211487		
63	48.1	50.2	75.4#	
89	46.8	46.6	69.8	

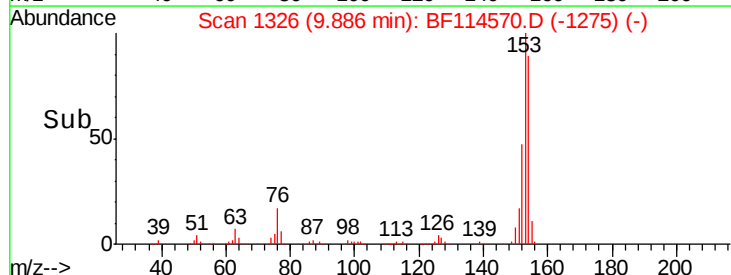
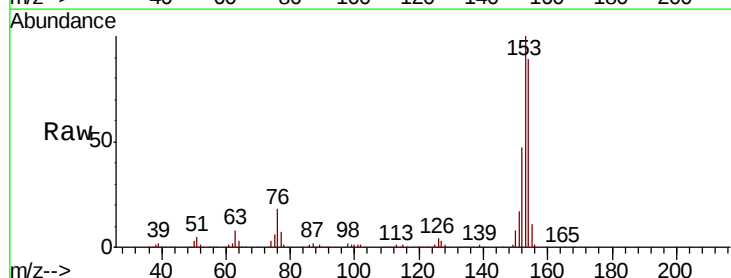
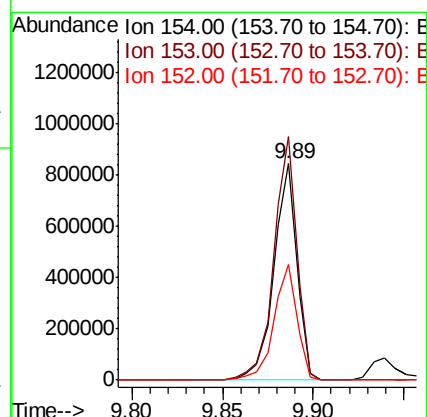
Manual Integrations
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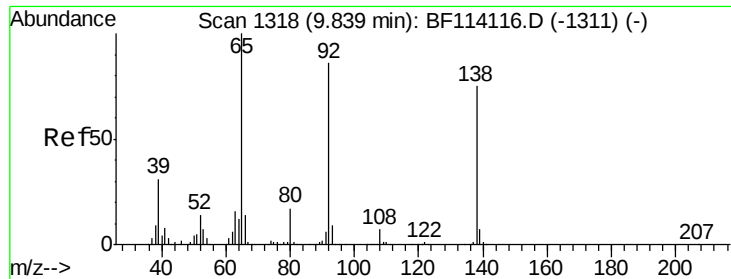
mohammad
 5/27/2019 3:48:07 AM



#52
 Acenaphthene
 Concen: 42.674 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	744887		
153	112.5	90.5	135.7	
152	53.4	43.4	65.2	





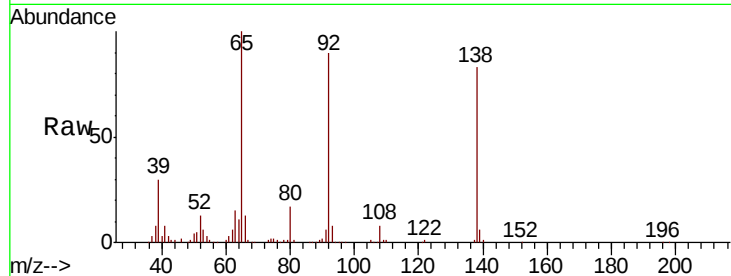
#53
3-Nitroaniline
Concen: 27.264 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.6
92	108.6	91.2	136.8

Manual Integrations
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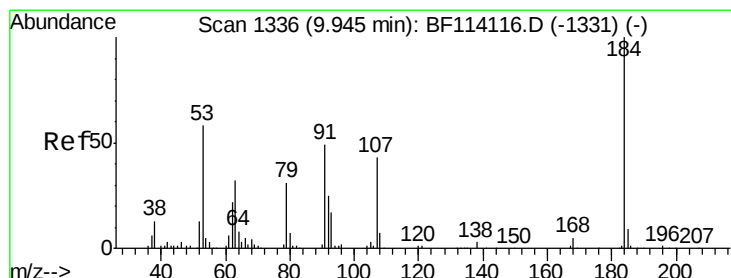
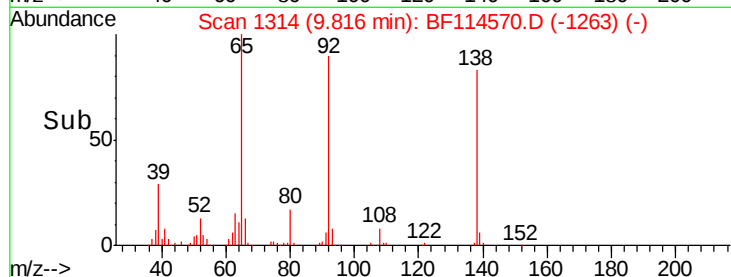
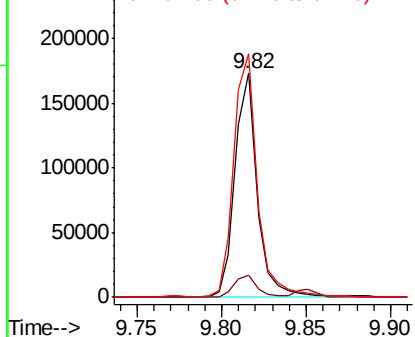


Abundance

Ion 138.00 (137.70 to 138.70): E

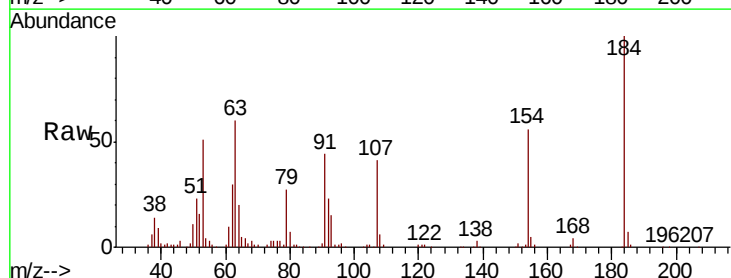
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 76.011 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.0	55.6	83.4
154	56.1	46.0	69.0

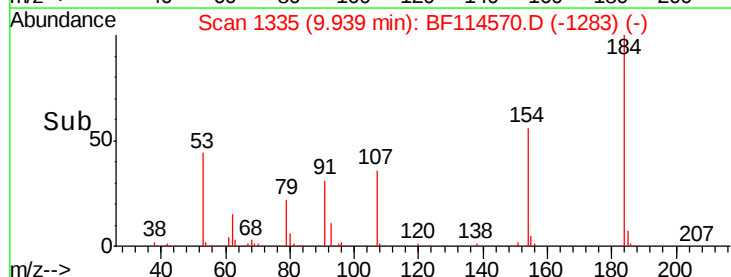
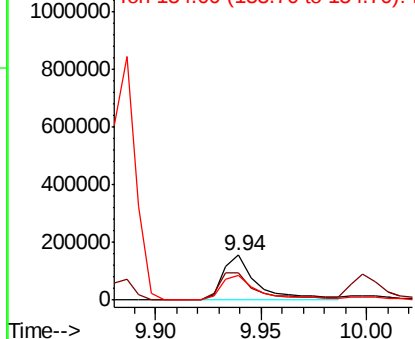


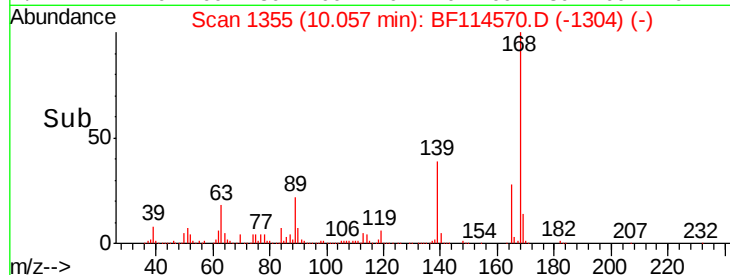
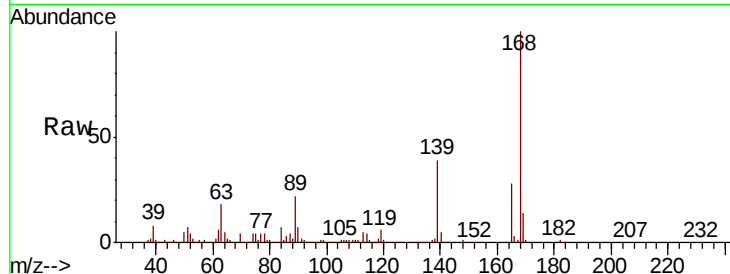
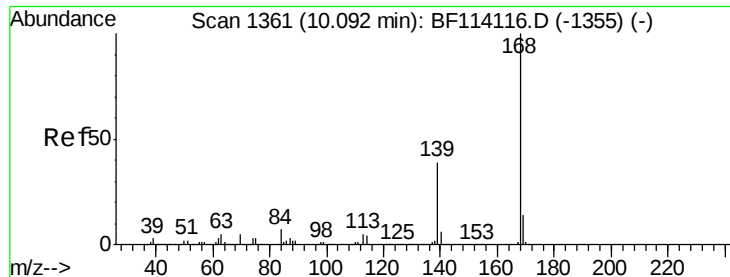
Abundance

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





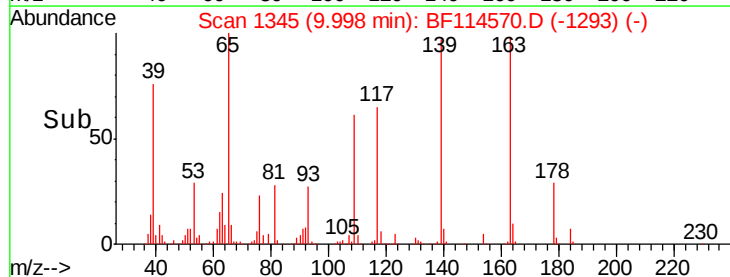
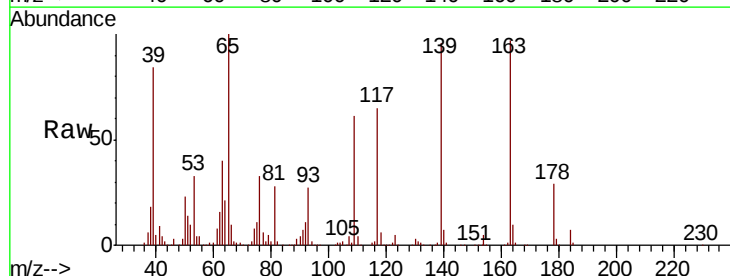
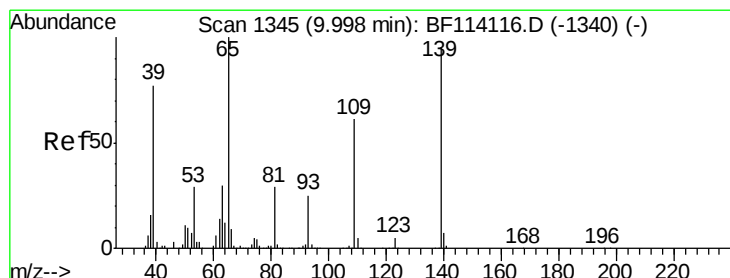
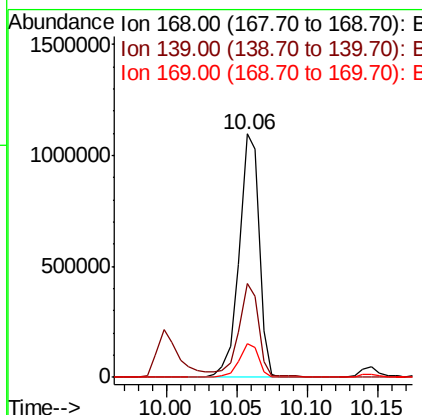
#55
Dibenzofuran
Concen: 42.335 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.1	46.7
169	13.8	11.4	17.0

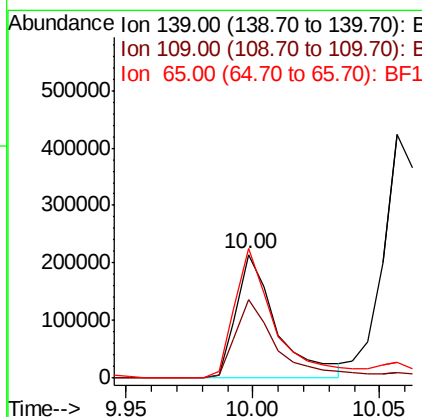
Manual Integrations
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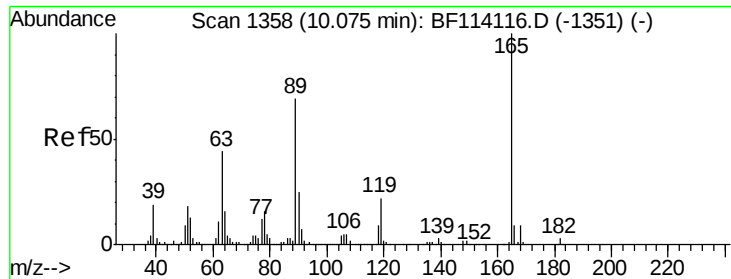
mohammad
5/27/2019 3:48:07 AM



#56
4-Nitrophenol
Concen: 58.215 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.5	43.9	83.9
65	104.5	85.7	125.7





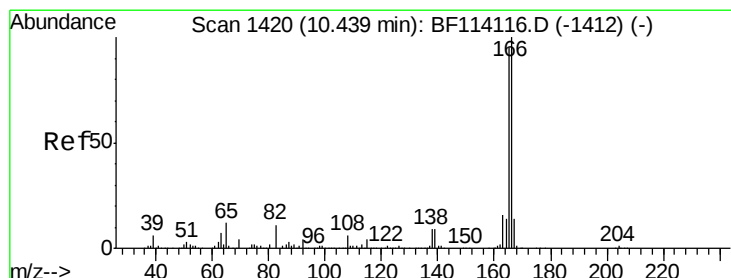
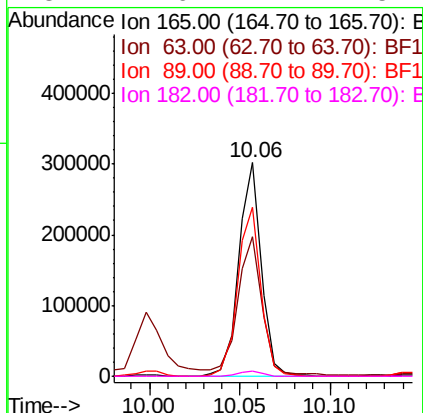
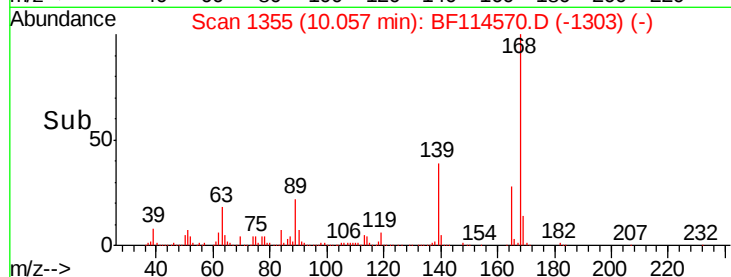
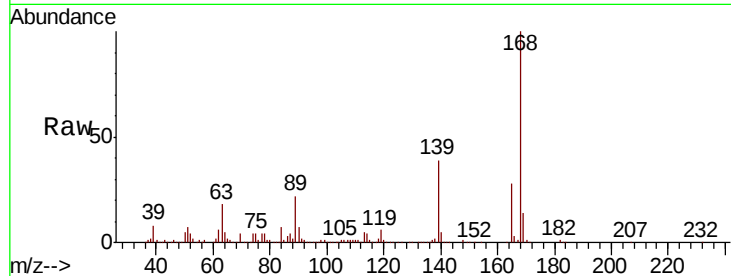
#57
2,4-Dinitrotoluene
Concen: 40.973 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	260478		
63	65.3	35.5	53.3#	
89	79.0	55.2	82.8	
182	2.6	2.2	3.2	

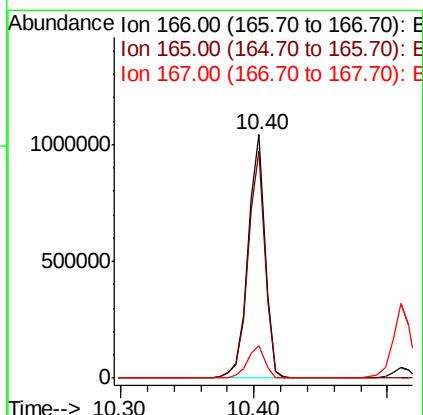
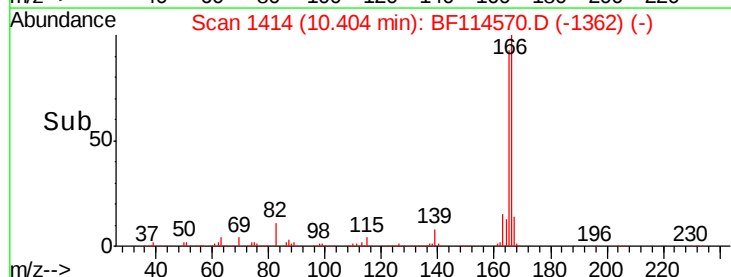
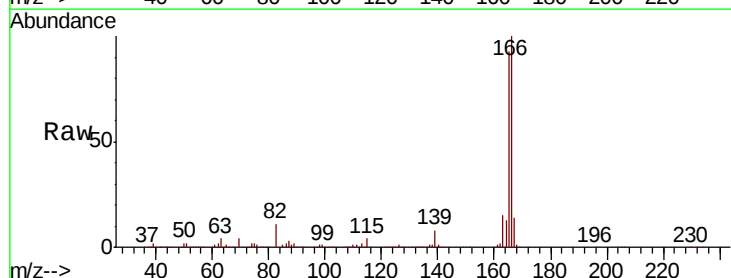
Manual Integrations
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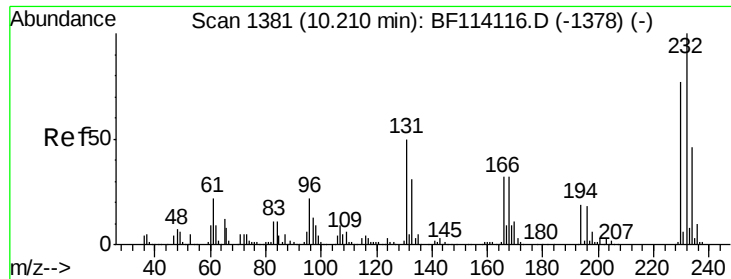
mohammad
5/27/2019 3:48:07 AM



#58
Fluorene
Concen: 45.616 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	901858		
165	93.3	76.1	114.1	
167	13.5	11.1	16.7	





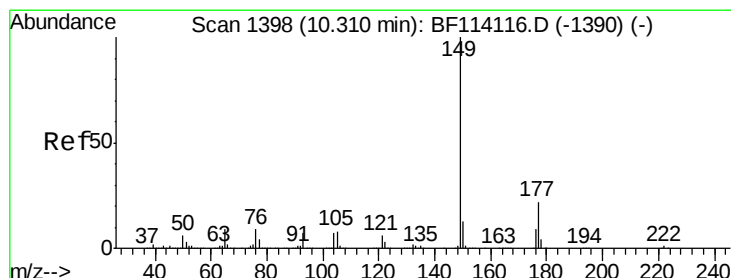
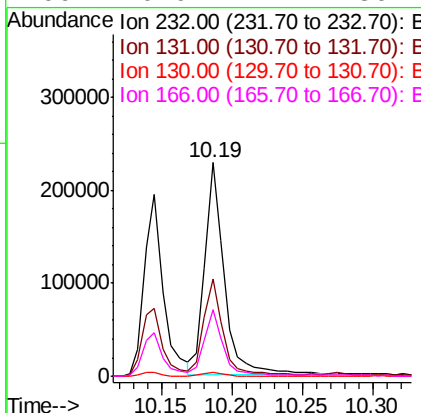
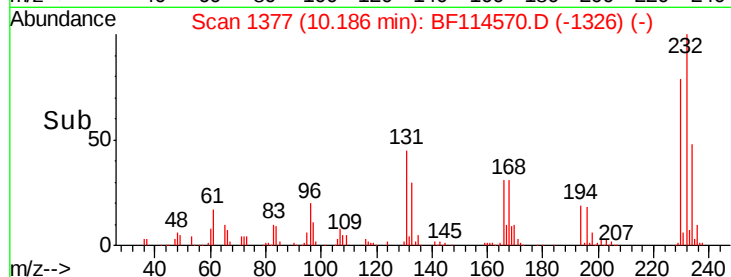
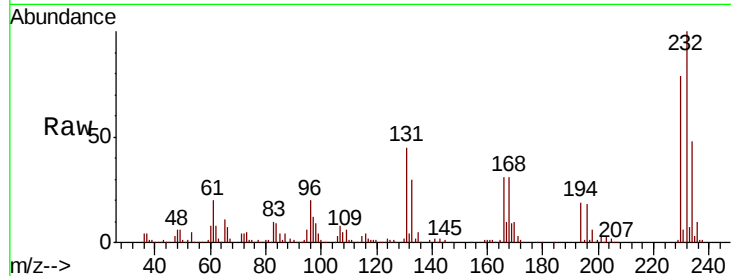
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.558 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	45.8	35.6	53.4
130	2.2	1.6	2.4
166	29.9	24.1	36.1

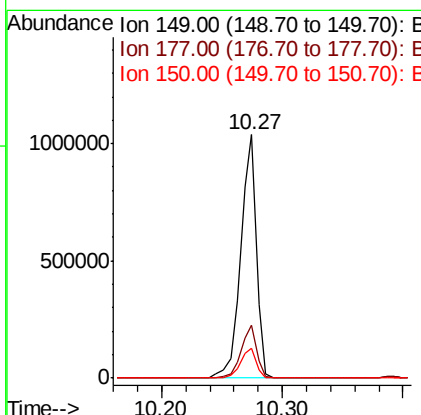
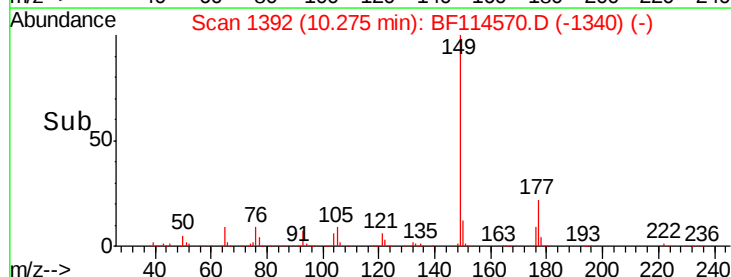
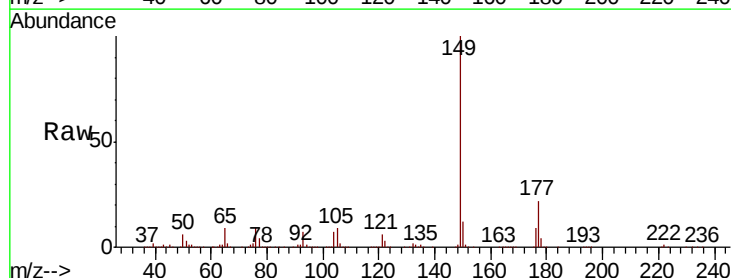
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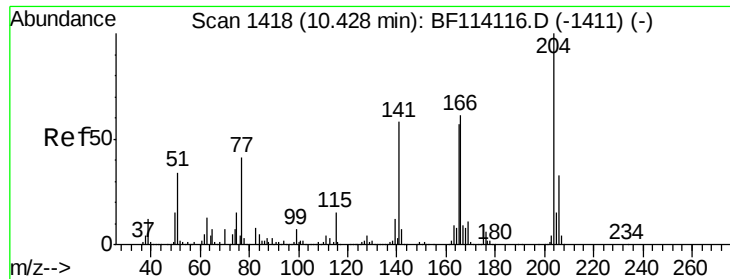
mohammad
5/27/2019 3:48:07 AM



#60
Diethylphthalate
Concen: 43.746 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.8	17.8	26.6
150	12.4	10.2	15.2





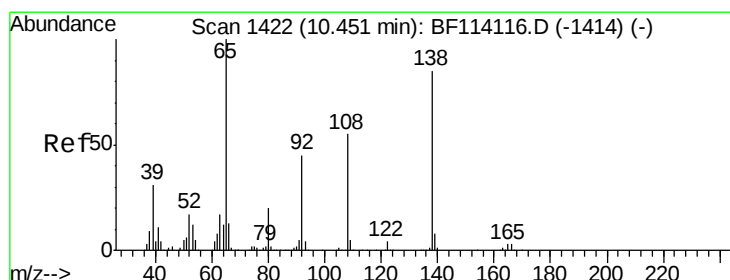
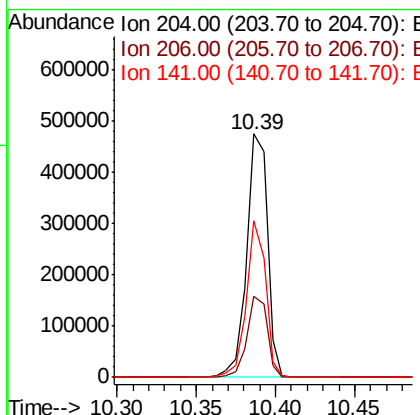
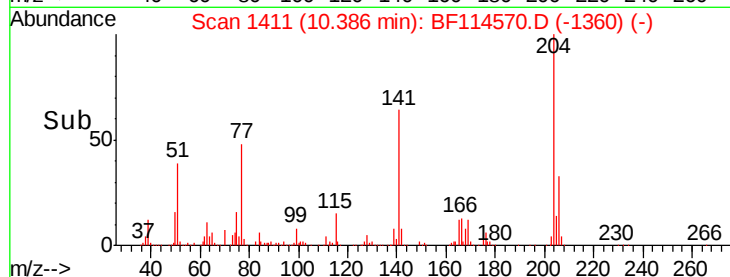
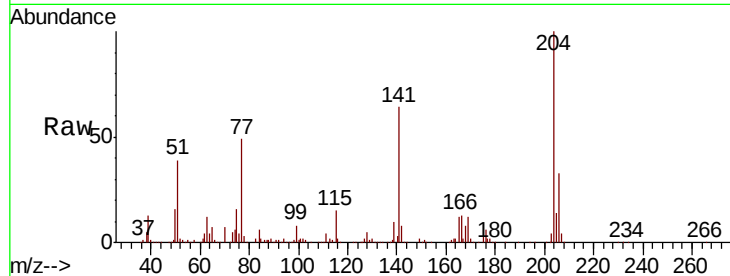
#61
4-Chlorophenyl-phenylether
Concen: 44.291 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	64.4	46.4	69.6

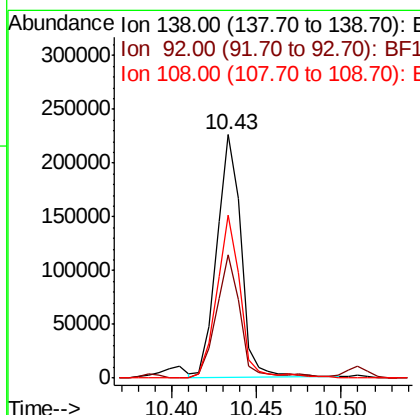
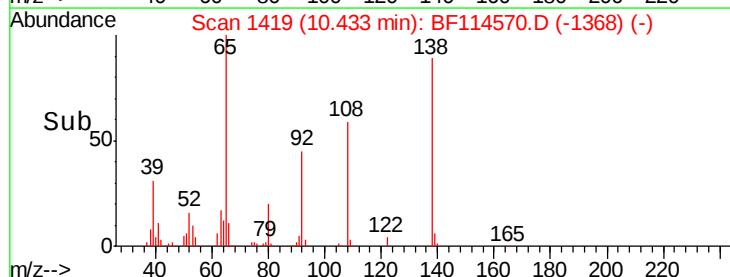
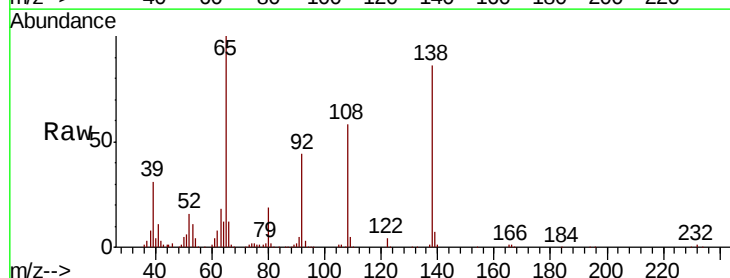
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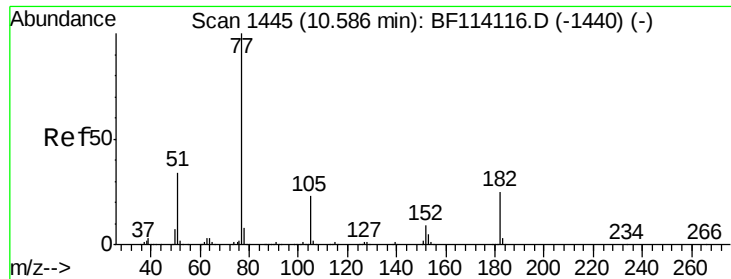
mohammad
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#62
4-Nitroaniline
Concen: 36.995 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	33.0	73.0
108	67.0	44.9	84.9





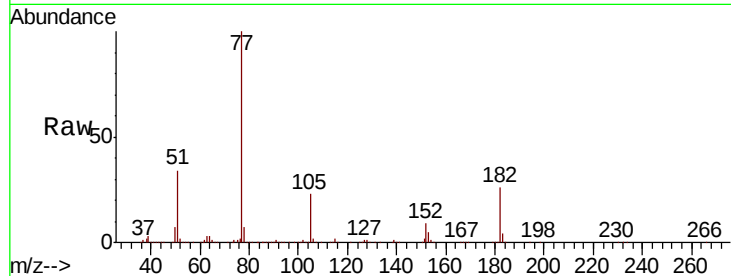
#63
Azobenzene
Concen: 43.016 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

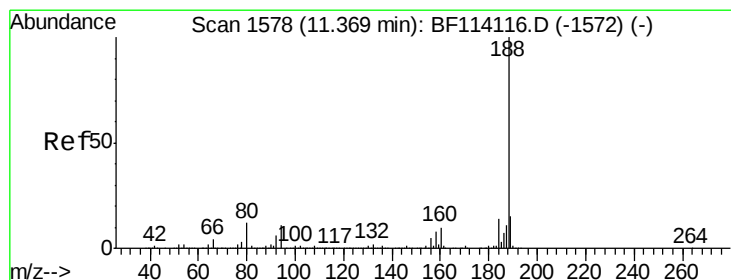
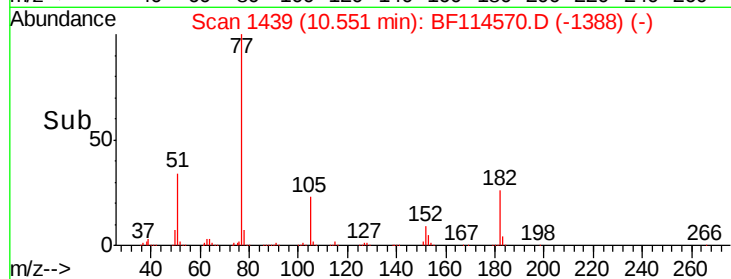
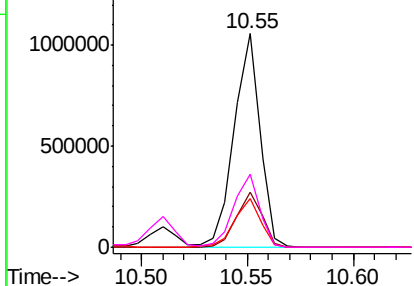
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.8	4.7	44.7		
105	23.1	2.9	42.9		
51	33.9	14.6	54.6		

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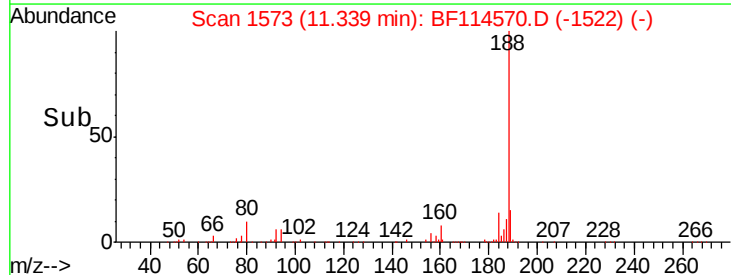
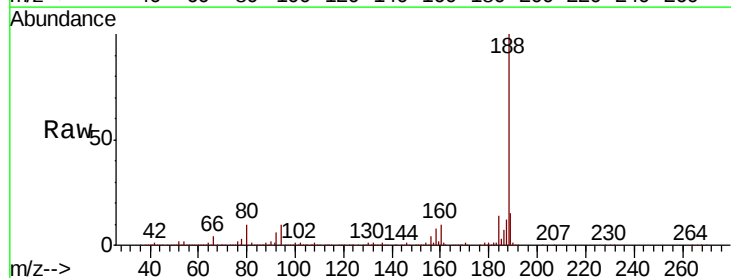
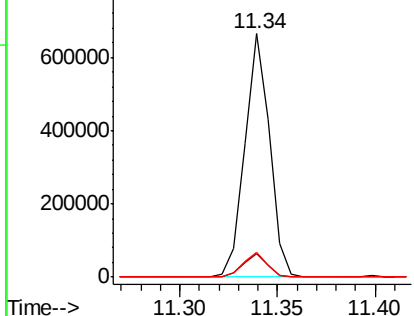
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.5	8.4	12.6		
80	10.2	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





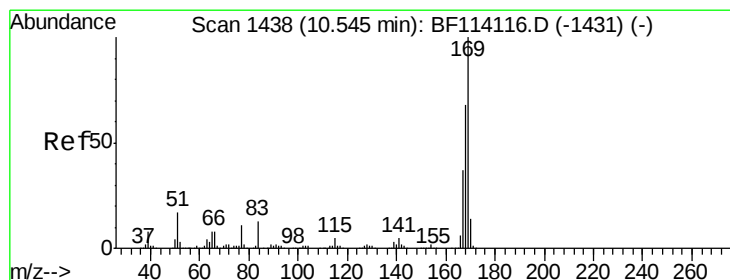
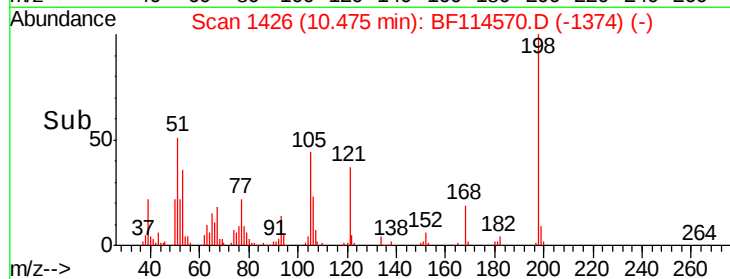
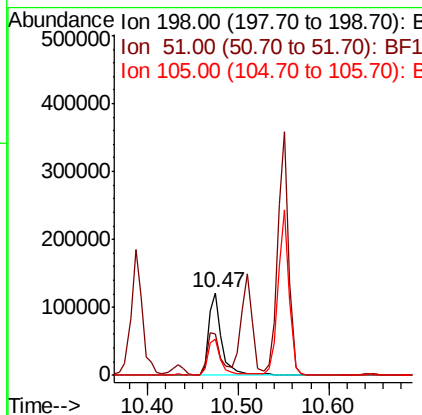
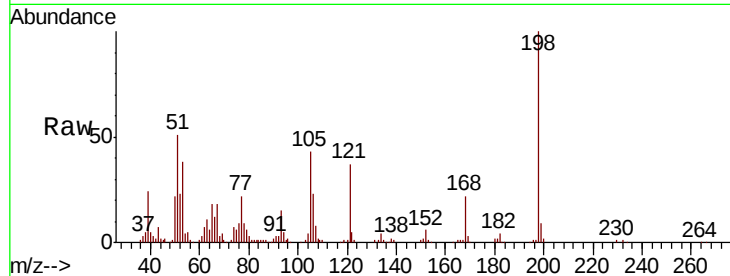
#65
4,6-Dinitro-2-methylphenol
Concen: 44.290 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	124469		
51	50.7	28.0	68.0	
105	43.4	21.1	61.1	

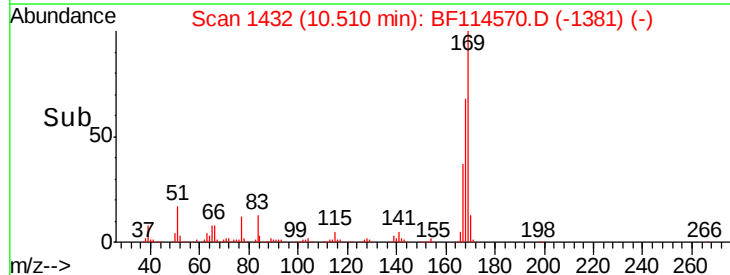
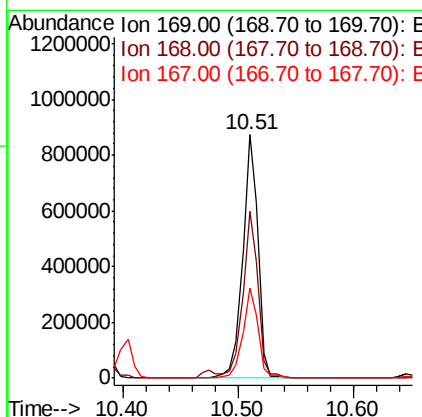
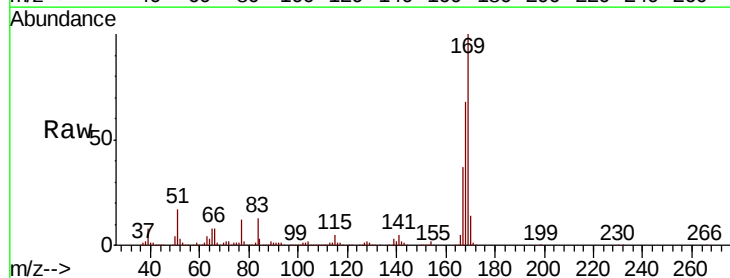
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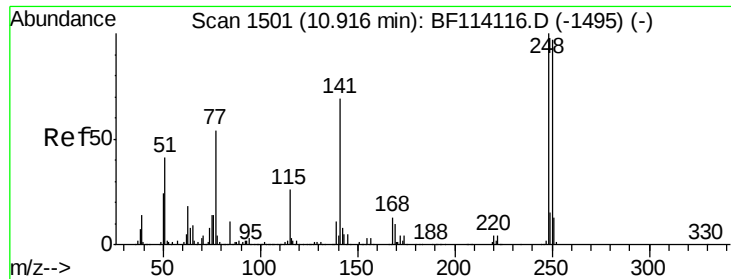
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#66
n-Nitrosodiphenylamine
Concen: 44.949 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	797871		
168	68.3	54.2	81.2	
167	36.9	29.8	44.8	





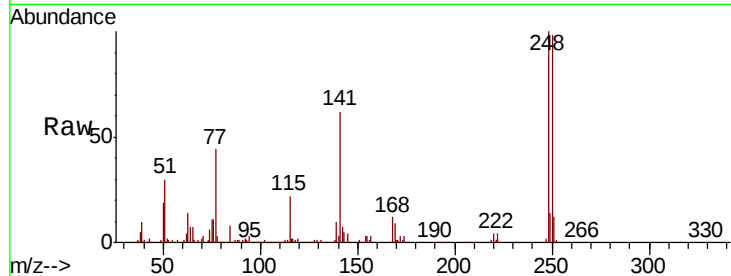
#67
4-Bromophenyl-phenylether
Concen: 42.206 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

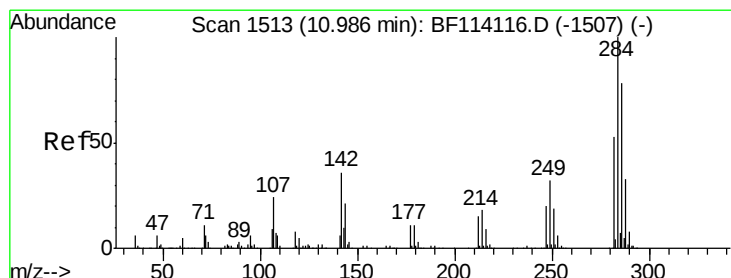
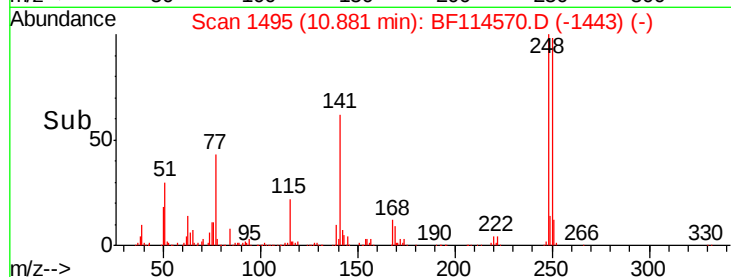
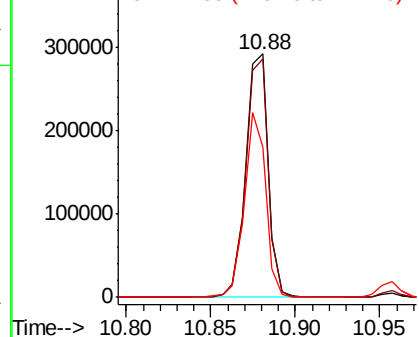
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.4	116.2
141	61.6	55.6	83.4

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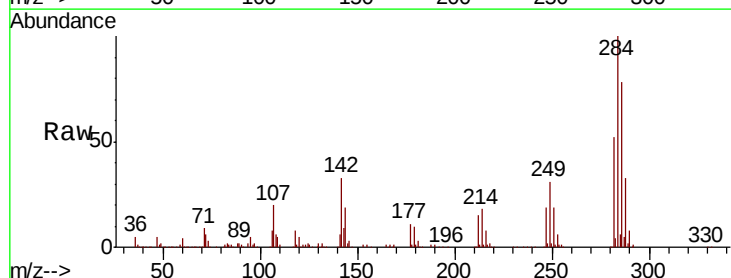


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

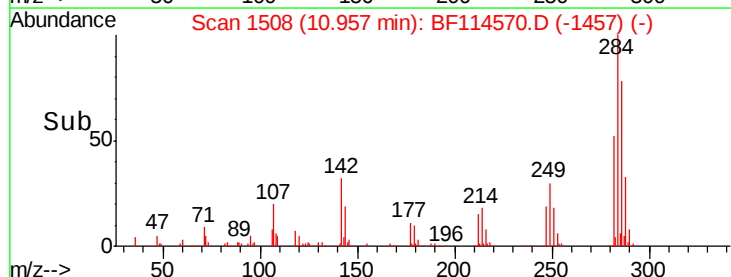
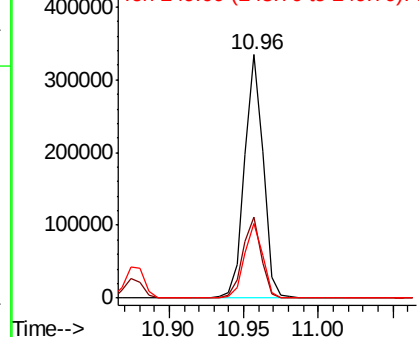


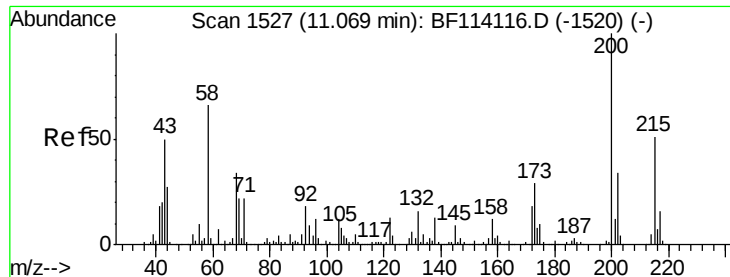
#68
Hexachlorobenzene
Concen: 41.025 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	28.4	42.6
249	30.8	25.2	37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





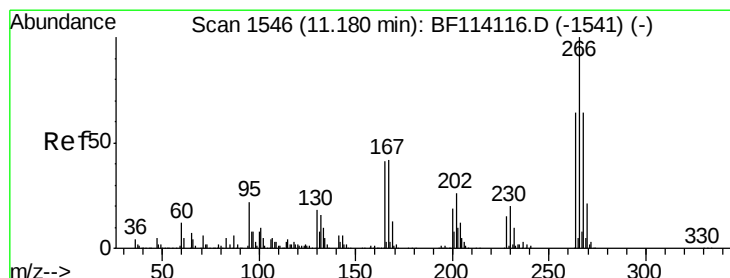
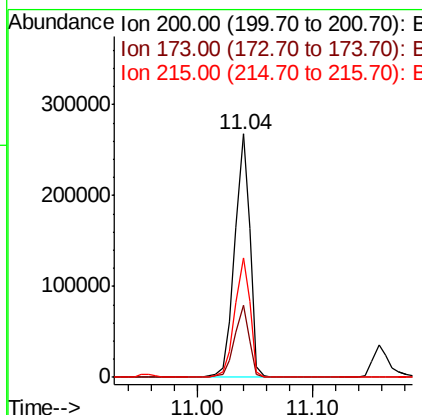
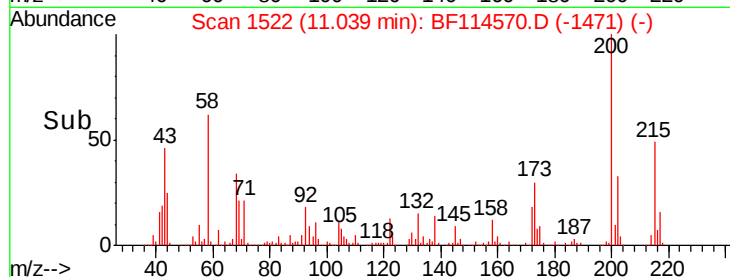
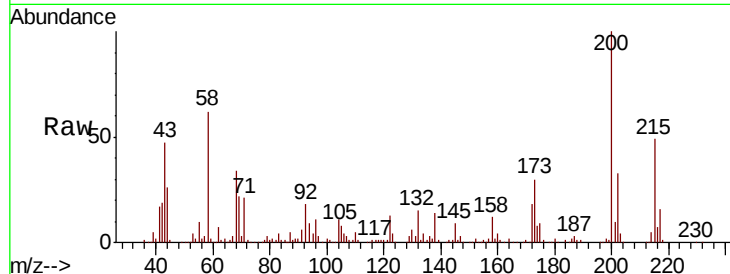
#69
Atrazine
Concen: 44.177 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampled :
PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	244030		
173	29.6	8.9	48.9	
215	49.2	30.7	70.7	

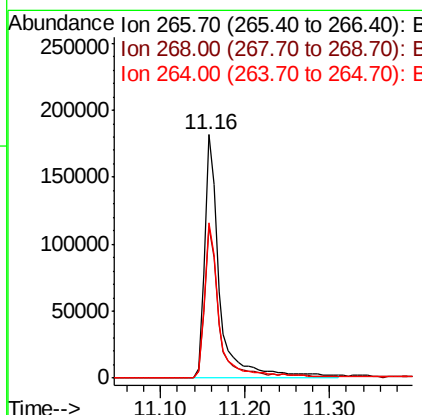
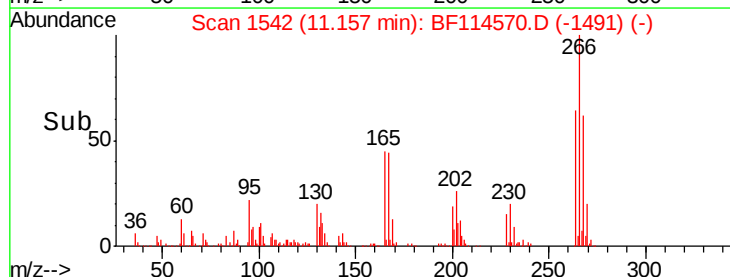
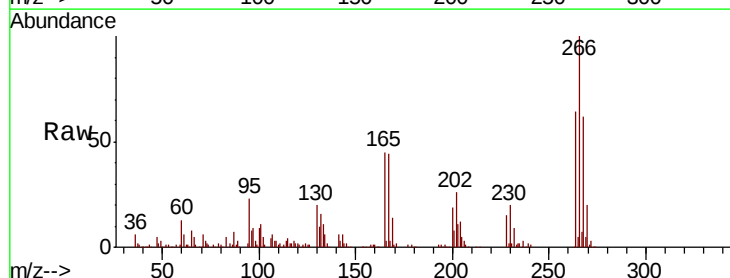
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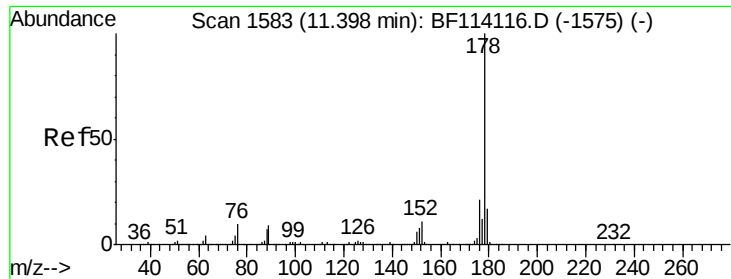
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#70
Pentachlorophenol
Concen: 67.098 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	226589		
268	62.2	51.1	76.7	
264	63.8	51.1	76.7	





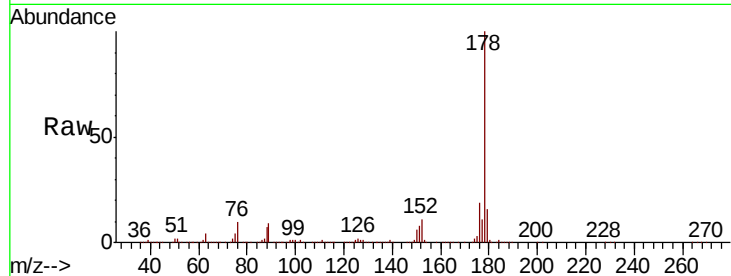
#71
Phenanthrene
Concen: 45.072 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

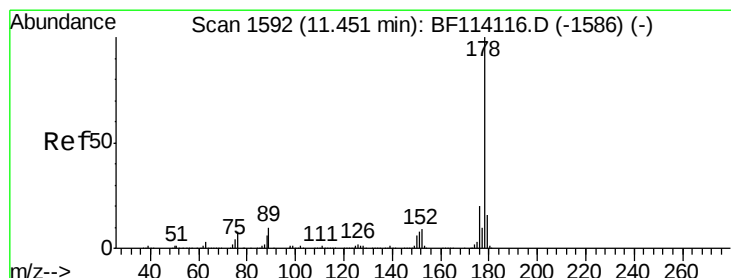
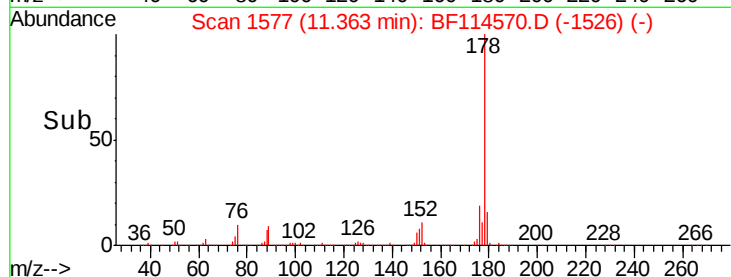
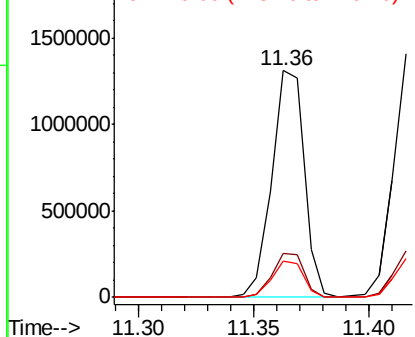
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.4	24.6
179	16.0	13.2	19.8

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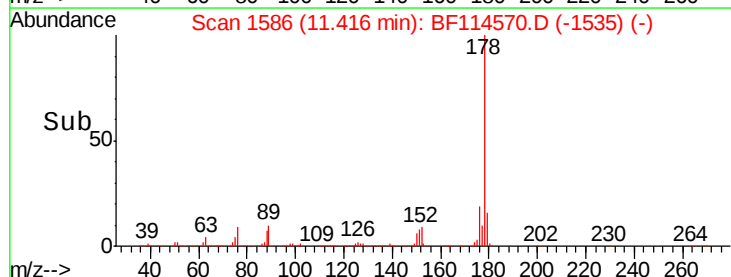
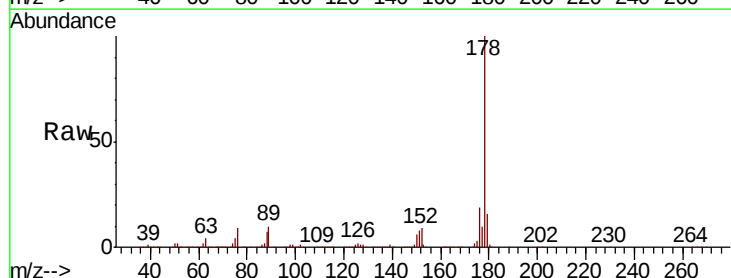
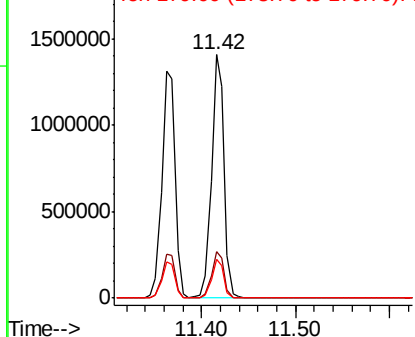
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

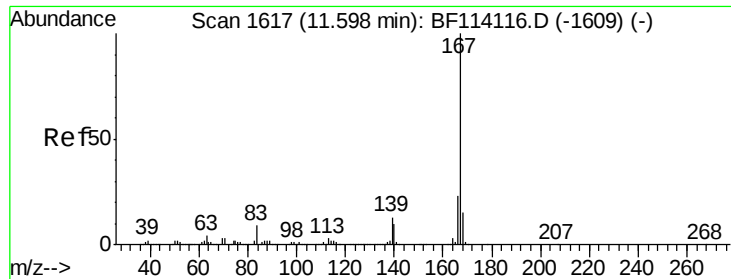


#72
Anthracene
Concen: 46.591 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.9	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





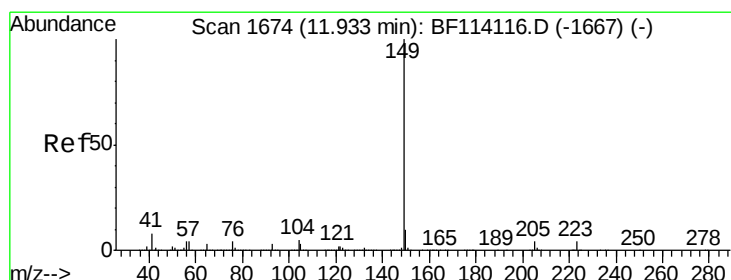
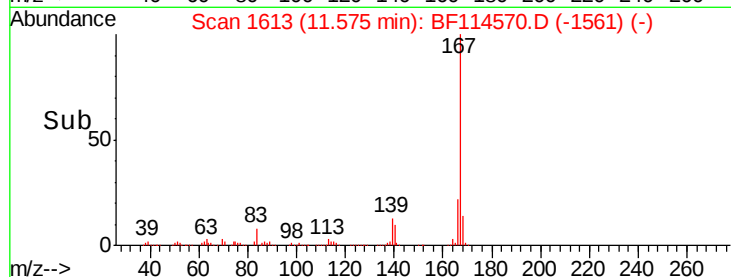
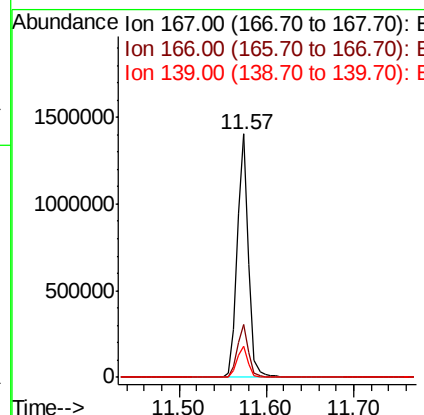
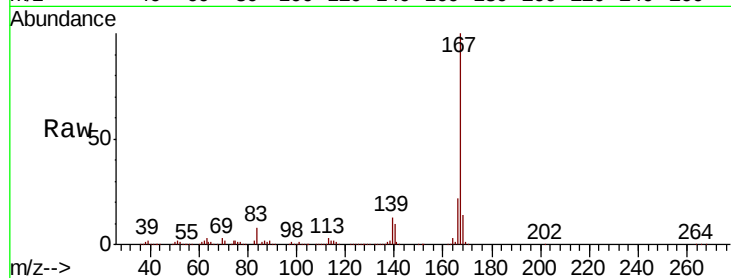
#73
 Carbazole
 Concen: 45.274 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	12.7	10.6	16.0

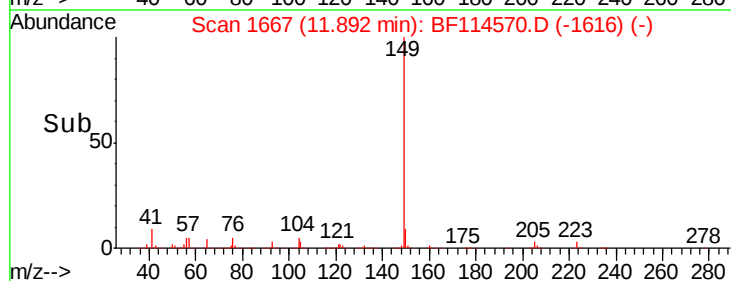
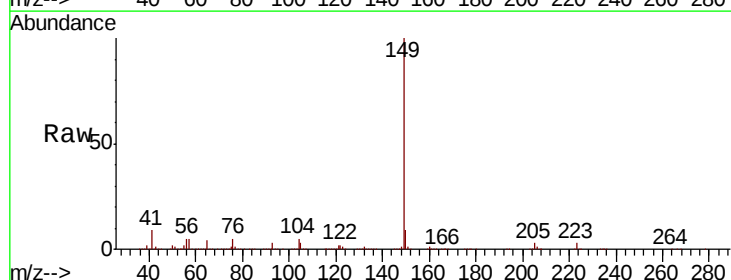
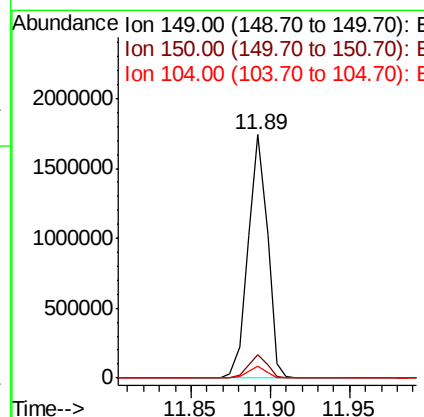
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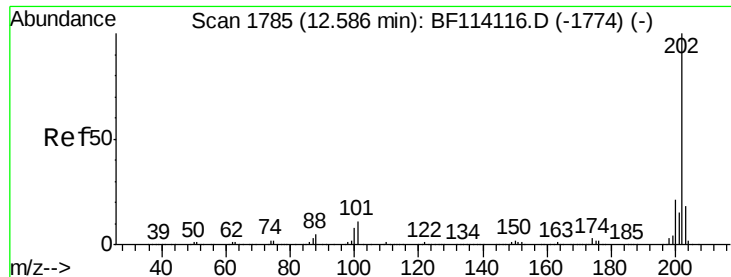
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#74
 Di-n-butylphthalate
 Concen: 46.814 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.8	3.6	5.4





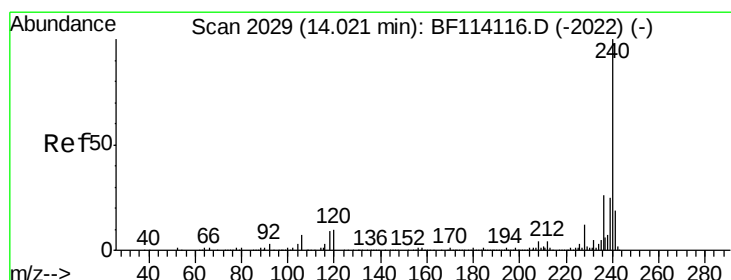
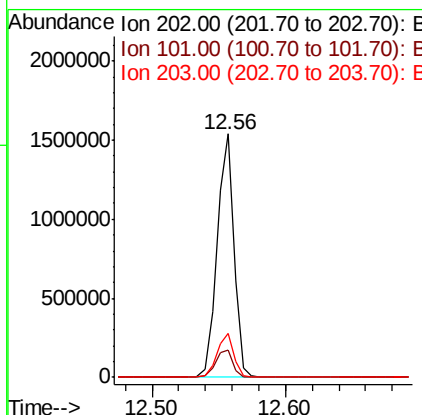
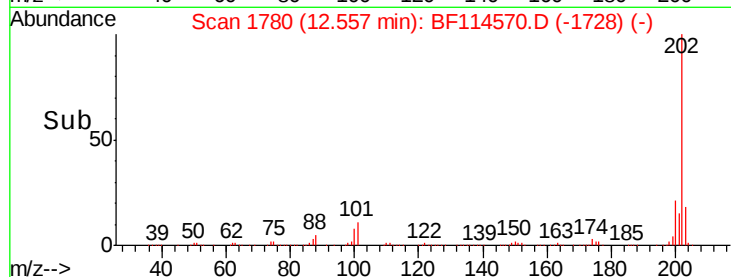
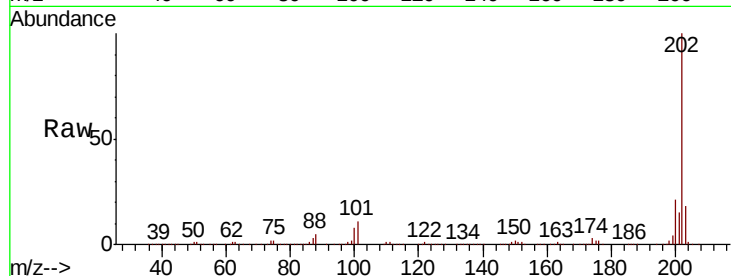
#75
 Fluoranthene
 Concen: 44.999 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1378849		
101	11.0		0.0	31.0
203	18.0		0.0	38.4

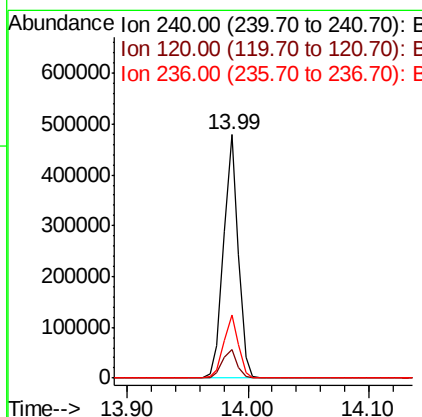
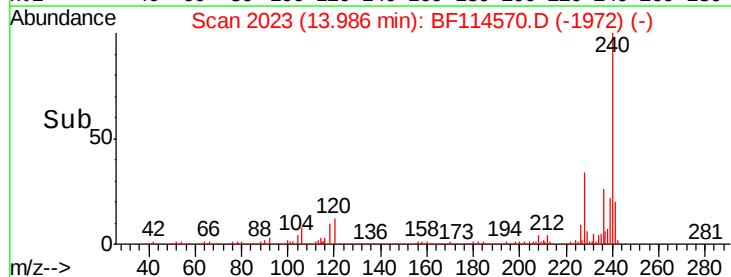
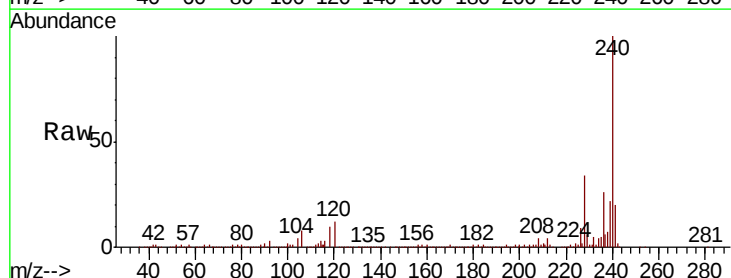
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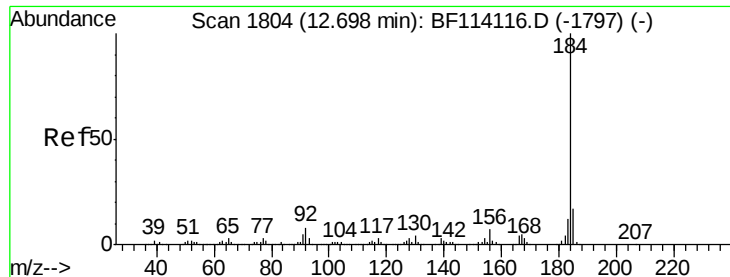
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	400464		
120	11.7		8.3	12.5
236	26.1		20.8	31.2





#77

Benzidine

Concen: 34.890 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA_F

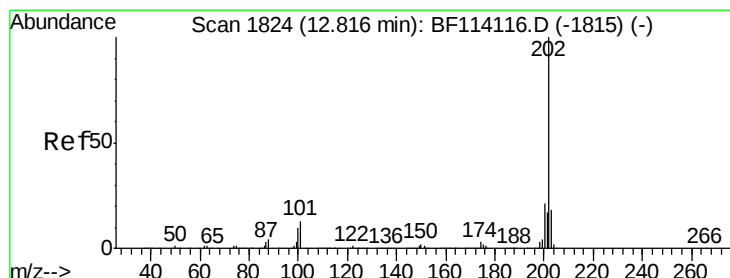
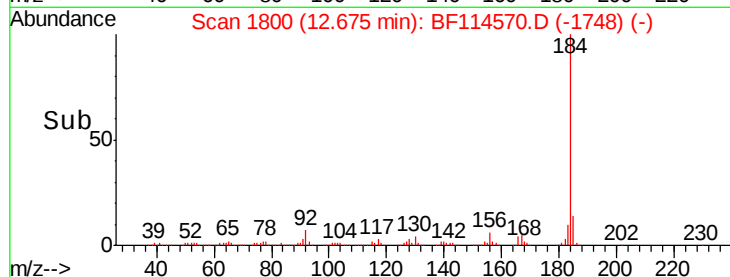
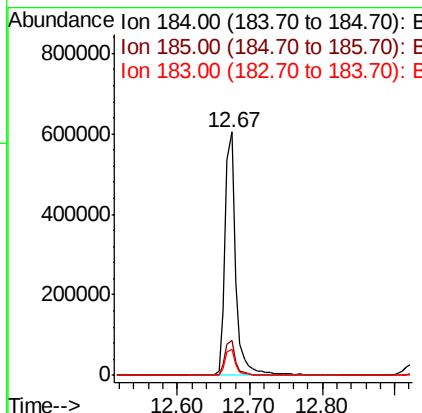
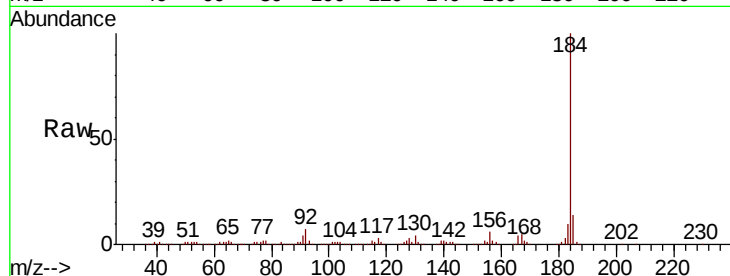
ClientSampleId :

PB119776BS

Tot Ion:	184	Resp:	627193
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.6	20.4
183	10.4	9.2	13.8

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#78

Pyrene

Concen: 43.675 ng

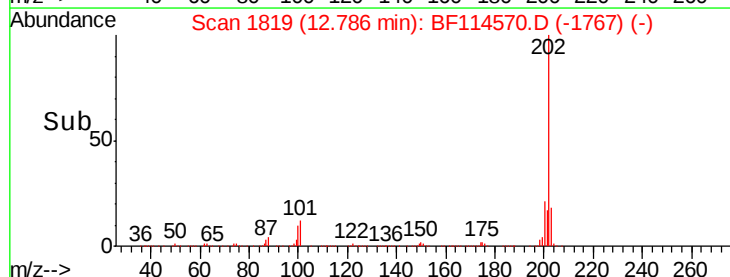
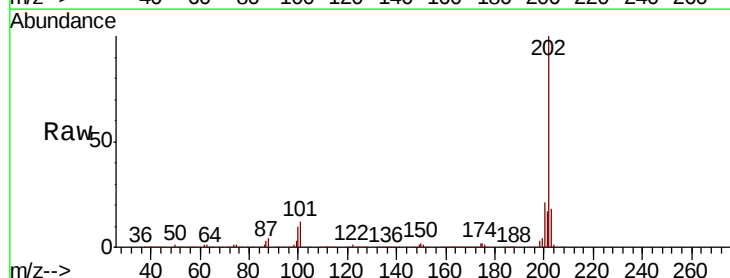
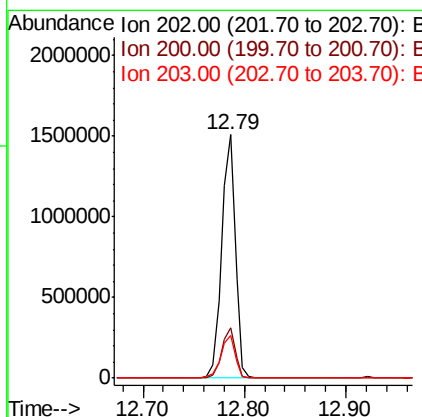
RT: 12.79 min Scan# 1819

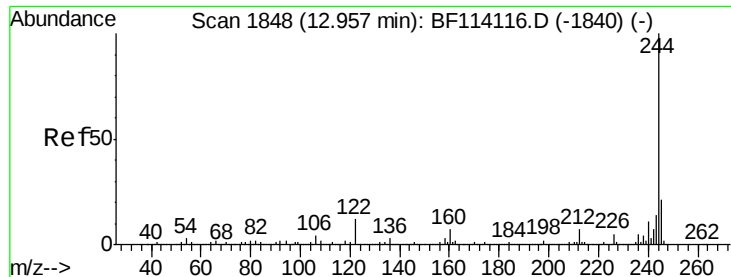
Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Tgt Ion:	202	Resp:	1407012
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.9	25.3
203	17.8	14.5	21.7





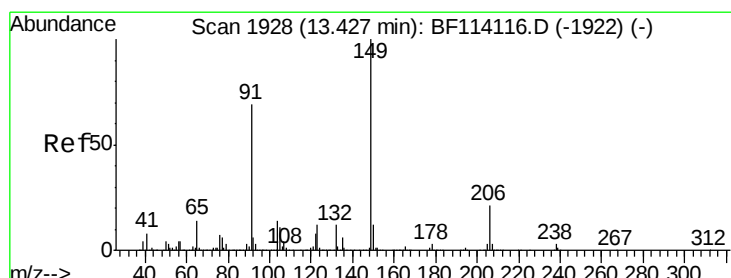
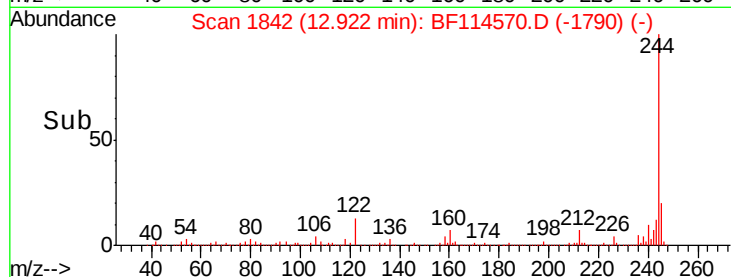
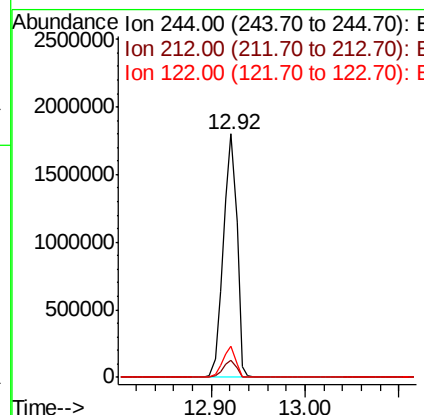
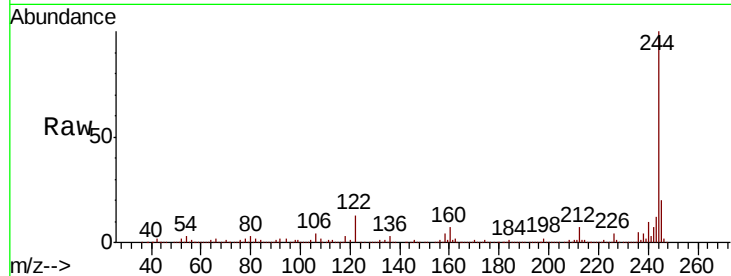
#79
 Terphenyl-d14
 Concen: 93.824 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	12.6	9.4	14.2

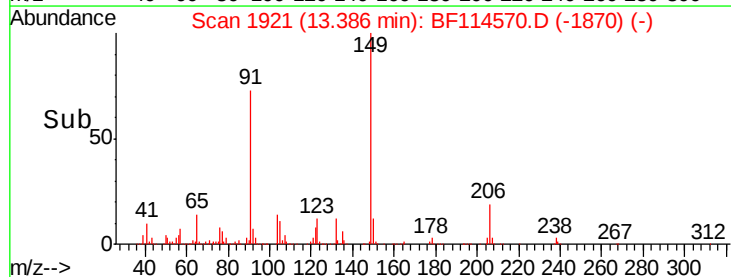
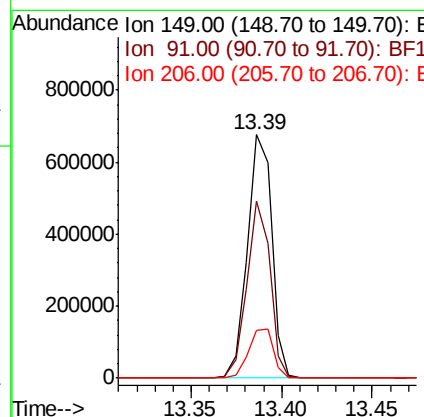
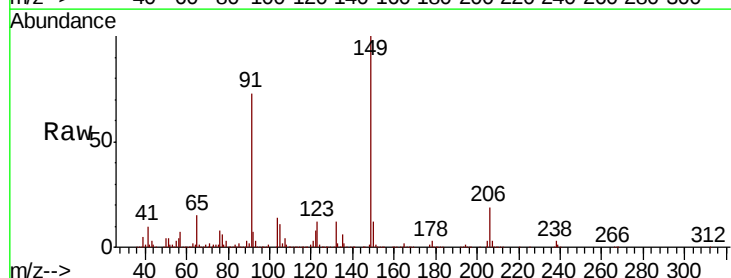
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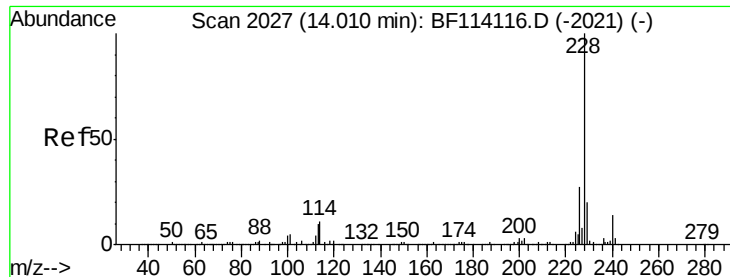
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.633 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.9	55.0	82.4
206	19.4	16.9	25.3





#81

Benzo(a)anthracene

Concen: 43.905 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion:228 Resp: 1137206

Ion Ratio Lower Upper

228 100

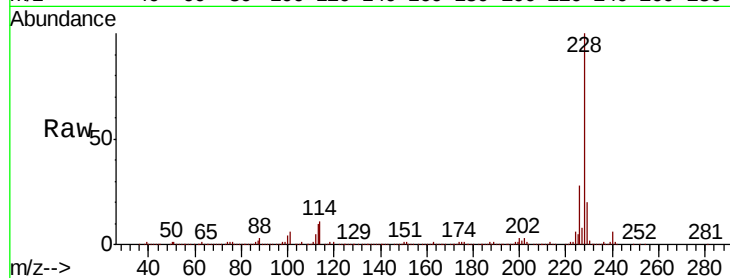
226 27.6 22.2 33.2

229 20.3 16.4 24.6

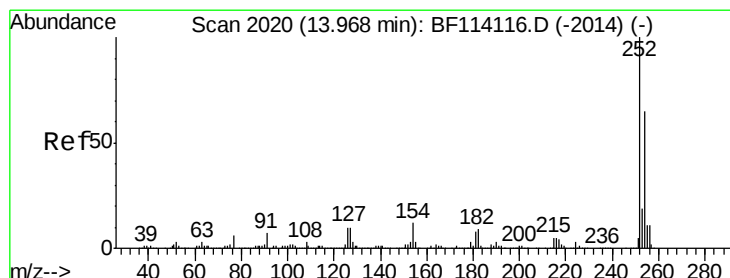
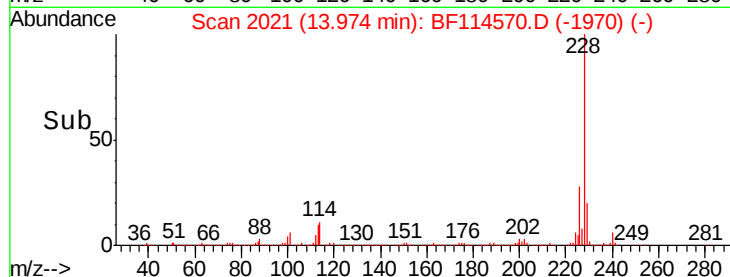
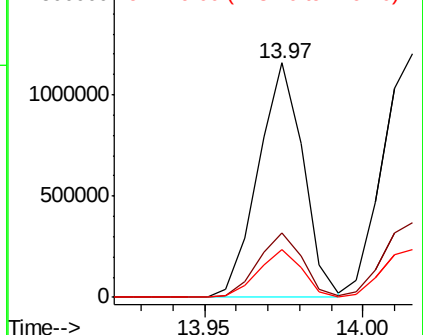
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.611 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

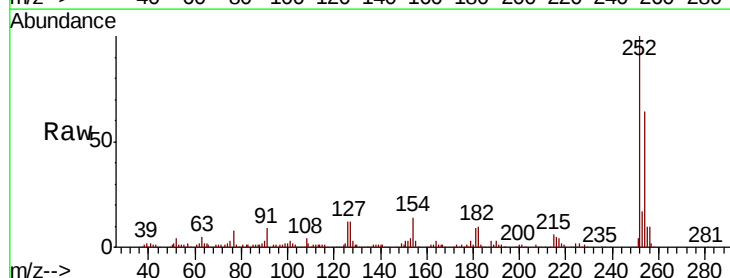
Tgt Ion:252 Resp: 317631

Ion Ratio Lower Upper

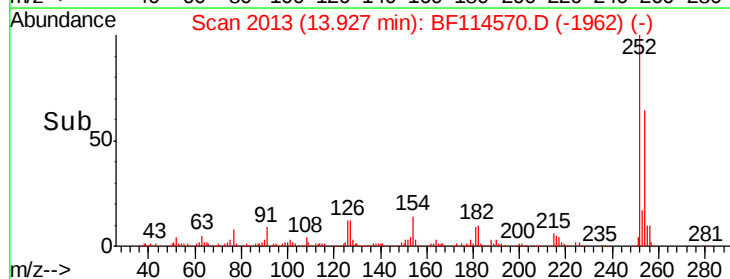
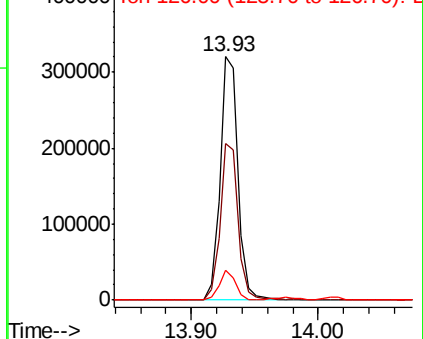
252 100

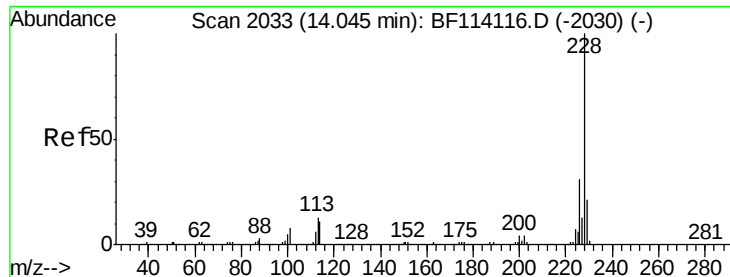
254 64.2 51.9 77.9

126 12.3 7.9 11.9#



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





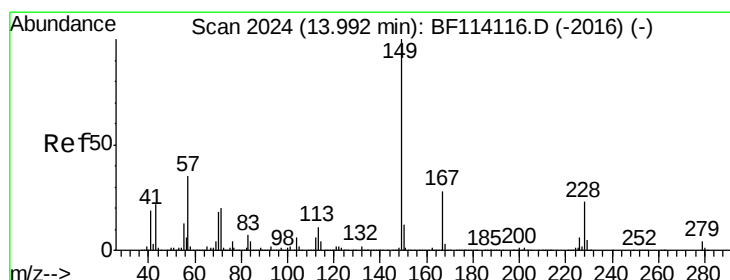
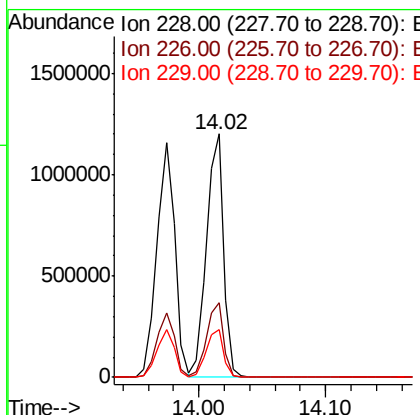
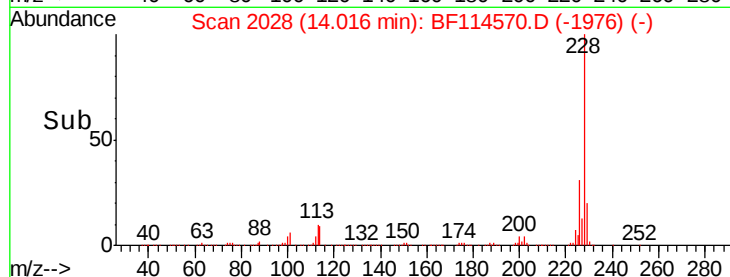
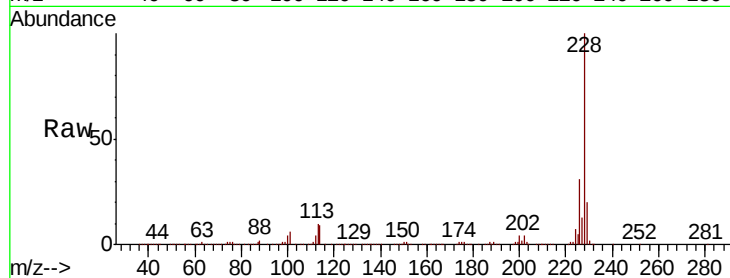
#83
 Chrysene
 Concen: 44.858 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.7	25.0	37.6	
229	19.8	17.0	25.6	

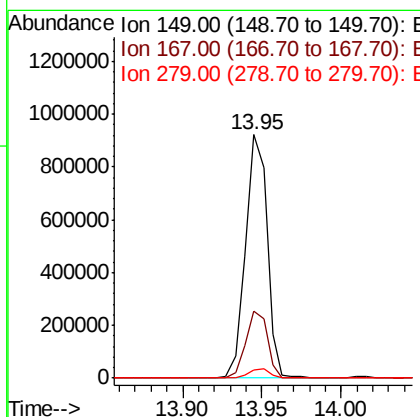
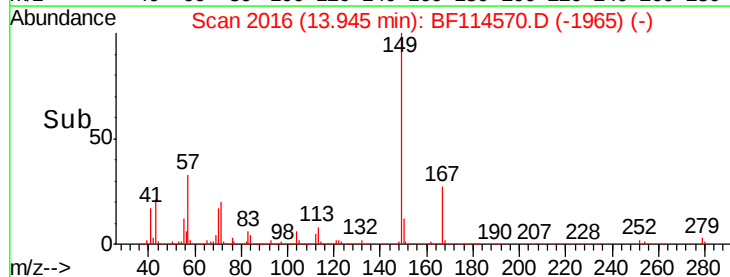
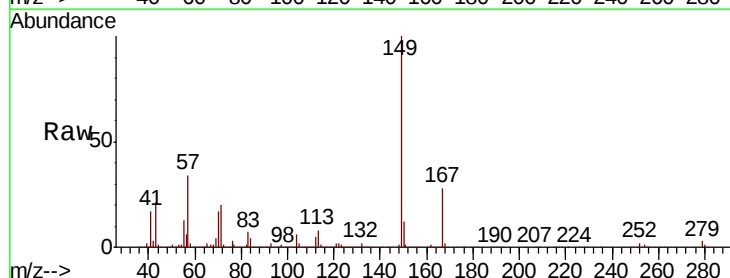
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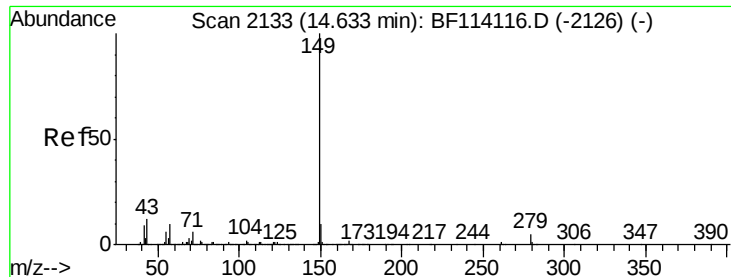
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.108 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF114570.D
 Acq: 24 May 2019 15:23

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	27.5	22.6	33.8	
279	3.5	3.0	4.6	





#85

Di-n-octyl phthalate

Concen: 49.616 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion:149 Resp: 1426377

Ion Ratio Lower Upper

149 100

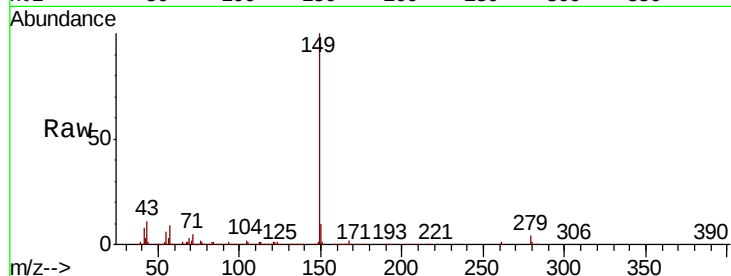
167 1.5 1.3 1.9

43 11.9 10.1 15.1

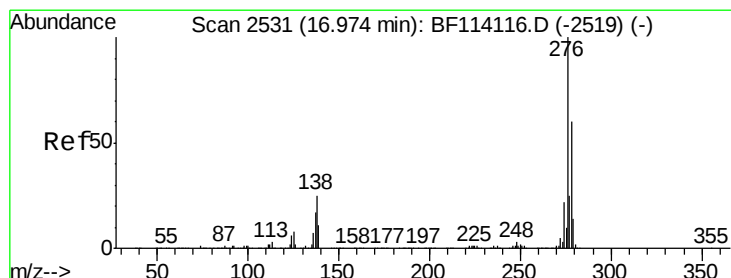
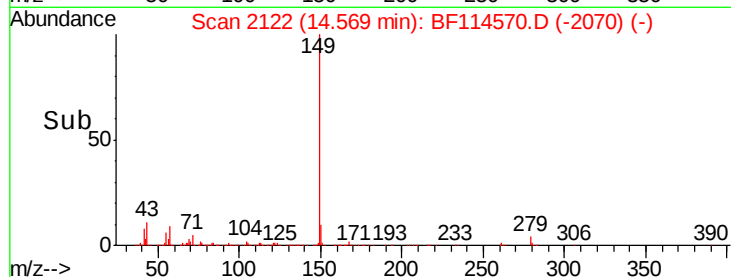
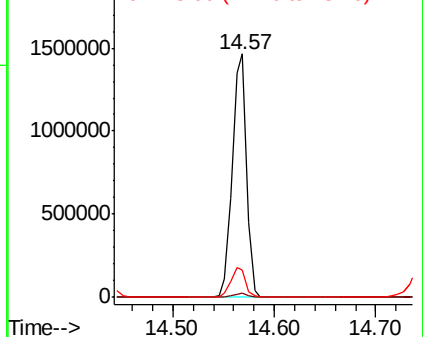
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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.856 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

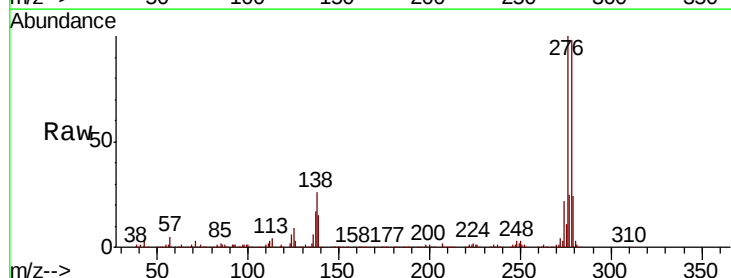
Tgt Ion:276 Resp: 961695

Ion Ratio Lower Upper

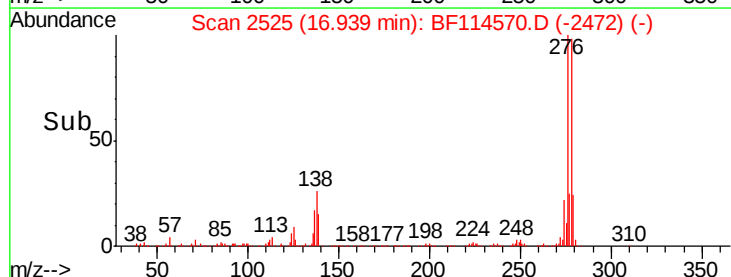
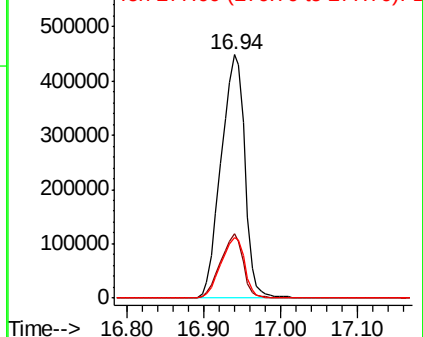
276 100

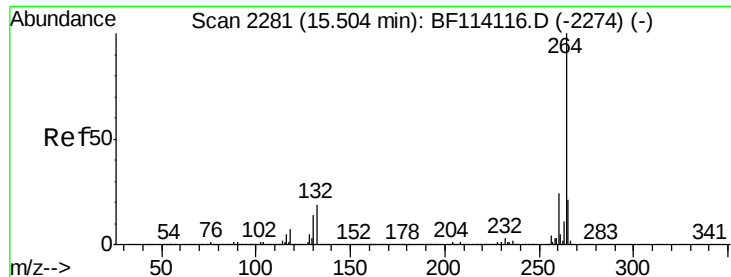
138 24.8 20.2 30.2

277 24.9 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
600000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





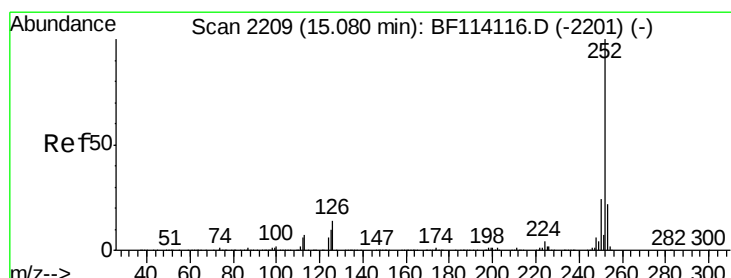
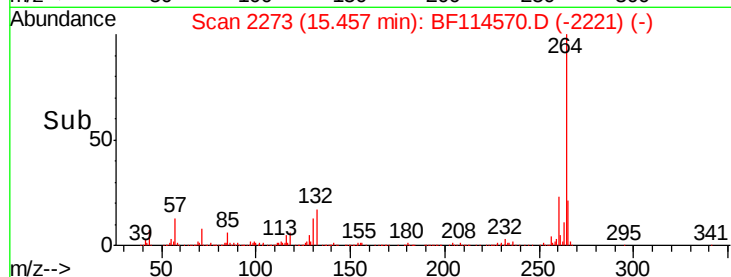
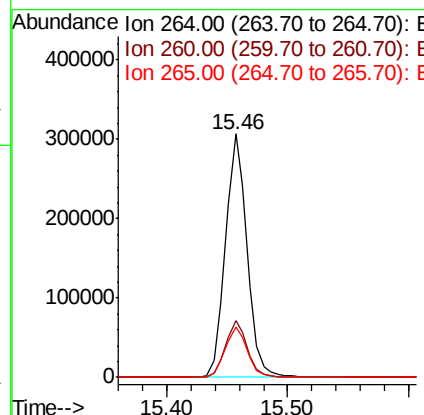
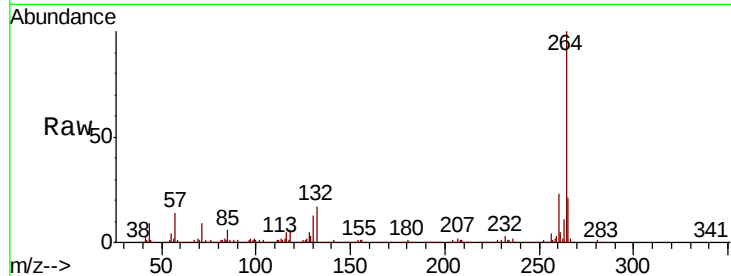
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	20.9	16.9	25.3

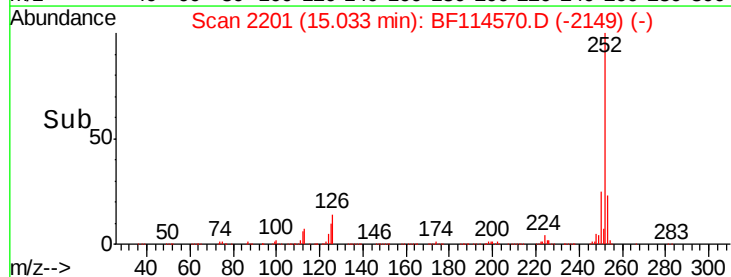
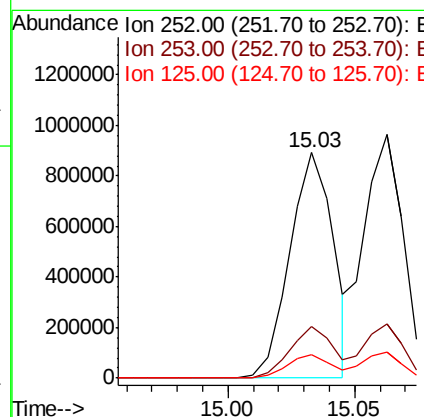
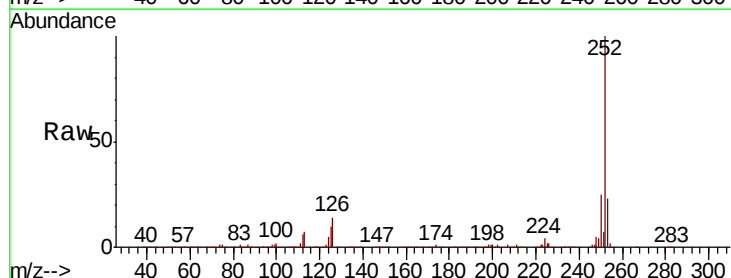
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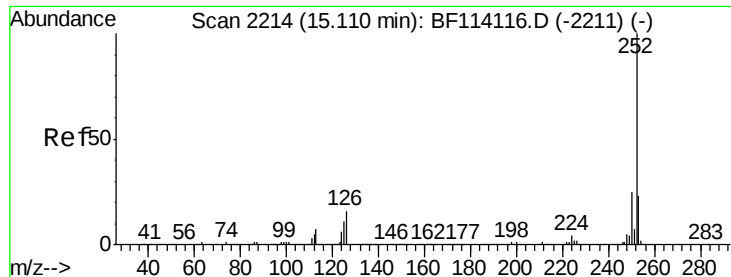
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.068 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	10.3	8.3	12.5





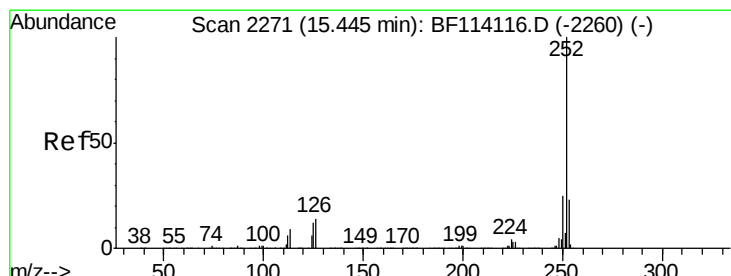
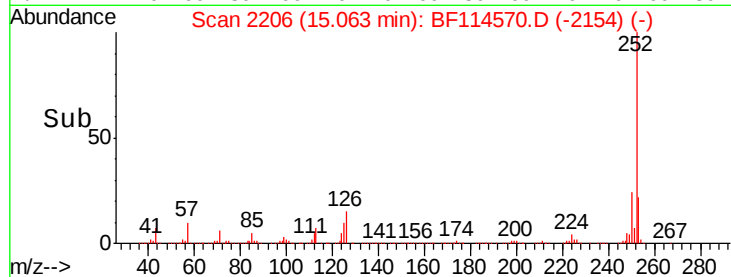
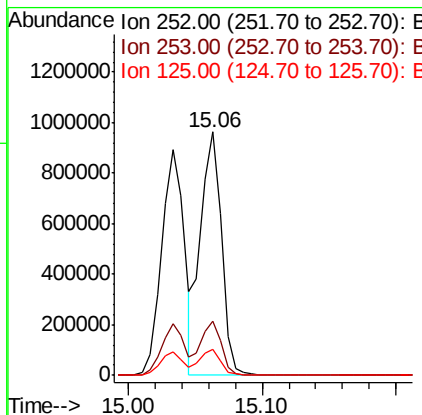
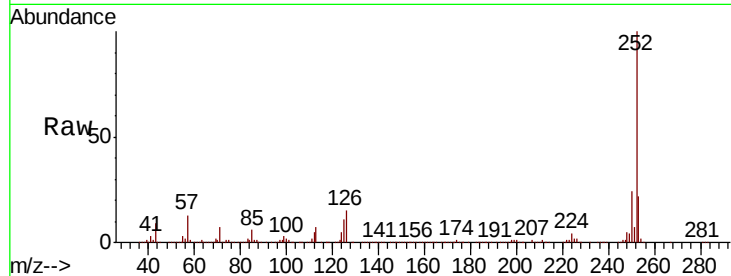
#89
Benzo(k)fluoranthene
Concen: 47.090 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.5	8.6	13.0

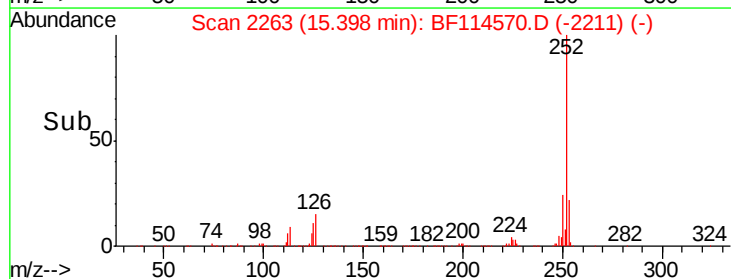
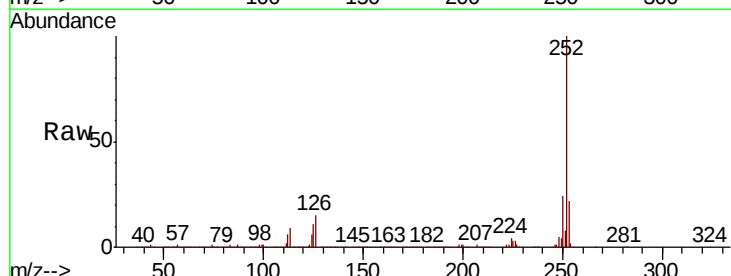
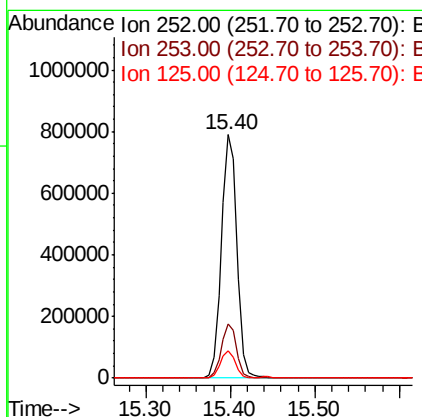
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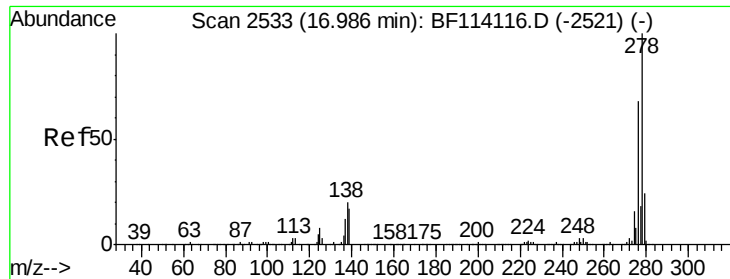
mohammad
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#90
Benzo(a)pyrene
Concen: 47.532 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF114570.D
Acq: 24 May 2019 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	11.4	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 45.609 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA_F

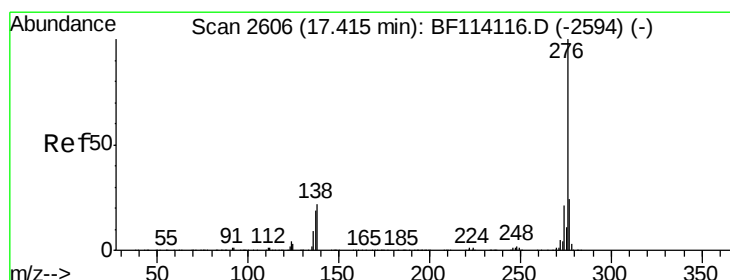
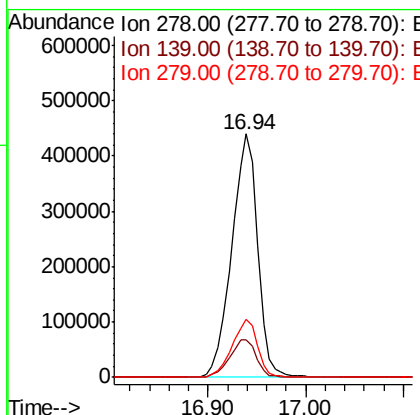
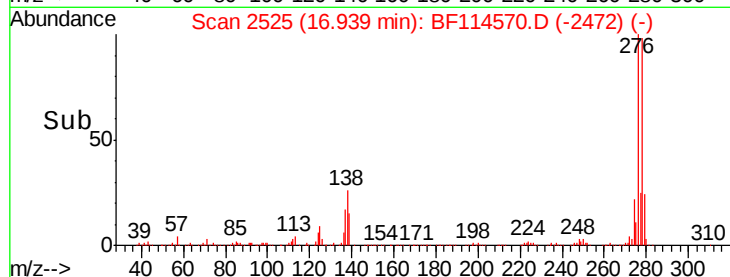
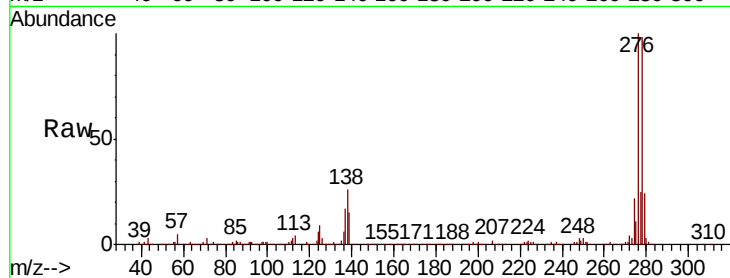
ClientSampleId :

PB119776BS

Tot Ion:	278	Resp:	808152
Ion Ratio	Lower	Upper	
278	100		
139	15.5	13.5	20.3
279	24.0	19.0	28.6

Manual Integrations
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mohammad
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#92

Benzo(g,h,i)perylene

Concen: 44.984 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Tgt Ion:	276	Resp:	798785
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.0	28.4
138	21.7	17.8	26.6

