

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114620.D
 Acq On : 25 May 2019 22:27
 Operator : JU/SJ
 Sample : PB120034BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Manual Integrations
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mohammad
 5/27/2019 3:50:28 AM

Quant Time: May 27 01:11:53 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	6.80	152	143815	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	546192	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	254022	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	483693	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	342146	20.00	ng	-0.02
87) Perylene-d12	15.43	264	327787	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1161219	129.94	ng	0.00
7) Phenol-d6	6.45	99	1456053	137.76	ng	-0.01
23) Nitrobenzene-d5	7.37	82	882158	90.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	337751	128.61	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1554310	92.56	ng	-0.02
79) Terphenyl-d14	12.90	244	1537886	92.66	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.62	88	217767	44.333	ng	99
3) Pyridine	3.37	79	423663	31.304	ng	98
4) n-Nitrosodimethylamine	3.32	42	227391	34.842	ng	97
6) Aniline	6.47	93	421622	27.614	ng	# 57
8) 2-Chlorophenol	6.59	128	422474	44.282	ng	95
9) Benzaldehyde	6.36	77	200258	27.063	ng	98
10) Phenol	6.46	94	508403	40.888	ng	87
11) bis(2-Chloroethyl)ether	6.53	93	399289	42.299	ng	100
12) 1,3-Dichlorobenzene	6.74	146	442467	41.317	ng	97
13) 1,4-Dichlorobenzene	6.82	146	447496	41.468	ng	99
14) 1,2-Dichlorobenzene	6.97	146	413635	41.955	ng	98
15) Benzyl Alcohol	6.95	79	327539	39.732	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	705265	38.533	ng	56
17) 2-Methylphenol	7.07	107	328616	41.931	ng	# 90
18) Hexachloroethane	7.31	117	161330	39.828	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	282236	42.127	ng	100
20) 3+4-Methylphenols	7.22	107	430060	47.495	ng	# 70
22) Acetophenone	7.21	105	560391	46.314	ng	# 87
24) Nitrobenzene	7.39	77	432947	43.676	ng	95
25) Isophorone	7.62	82	772453	42.795	ng	99
26) 2-Nitrophenol	7.70	139	224833	46.750	ng	98
27) 2,4-Dimethylphenol	7.75	122	360496	47.726	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	490289	41.864	ng	99
29) 2,4-Dichlorophenol	7.96	162	339610	45.153	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	366505	42.852	ng	99
31) Naphthalene	8.10	128	1185804	46.478	ng	98
32) Benzoic acid	7.90	122	184588m	36.281	ng	
33) 4-Chloroaniline	8.16	127	303004	26.062	ng	97
34) Hexachlorobutadiene	8.22	225	205530	42.235	ng	98
35) Caprolactam	8.53	113	108958m	44.427	ng	
36) 4-Chloro-3-methylphenol	8.66	107	351257	46.396	ng	98
37) 2-Methylnaphthalene	8.80	142	783961	47.625	ng	97
38) 1-Methylnaphthalene	8.90	142	734467	47.379	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	358724	46.619	ng	99

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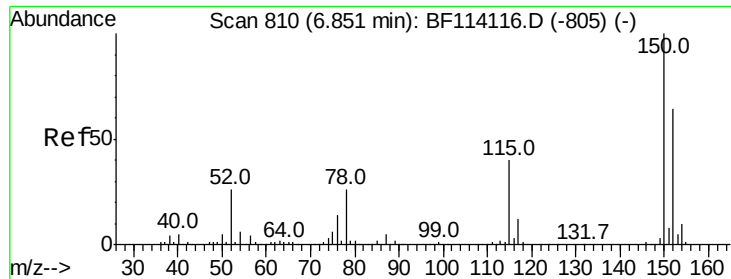
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Quant Time: May 27 01:11:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	151120	44.200	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	213484	40.335	nq	97
44) 2,4,5-Trichlorophenol	9.13	196	218768	40.304	nq	95
46) 1,1'-Biphenyl	9.26	154	964556	47.002	nq	98
47) 2-Chloronaphthalene	9.29	162	716368	43.375	nq	99
48) 2-Nitroaniline	9.39	65	237308	40.516	nq	92
49) Acenaphthylene	9.70	152	1133920	45.142	nq	98
50) Dimethylphthalate	9.56	163	796013	42.687	nq	99
51) 2,6-Dinitrotoluene	9.63	165	178851	43.242	nq	97
52) Acenaphthene	9.87	154	663872	43.069	nq	98
53) 3-Nitroaniline	9.80	138	138664	27.008	nq	94
54) 2,4-Dinitrophenol	9.93	184	133785	65.649	nq	94
55) Dibenzofuran	10.05	168	960025	42.474	nq	99
56) 4-Nitrophenol	9.99	139	171404	47.207	nq	96
57) 2,4-Dinitrotoluene	10.04	165	221641	39.481	nq	# 75
58) Fluorene	10.39	166	785676	45.002	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	187955	40.132	nq	98
60) Diethylphthalate	10.26	149	788793	41.631	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	374562	43.682	nq	98
62) 4-Nitroaniline	10.42	138	185586	34.399	nq	97
63) Azobenzene	10.54	77	770266	42.000	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	97227	41.832	nq	99
66) n-Nitrosodiphenylamine	10.50	169	686021	46.731	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	227898	42.792	nq	99
68) Hexachlorobenzene	10.95	284	243539	41.336	nq	92
69) Atrazine	11.02	200	199541	43.678	nq	97
70) Pentachlorophenol	11.15	266	147805	52.922	nq	99
71) Phenanthrene	11.35	178	1083402	46.039	nq	98
72) Anthracene	11.40	178	1117337	47.272	nq	98
73) Carbazole	11.56	167	1042663	46.260	nq	100
74) Di-n-butylphthalate	11.88	149	1186457	45.691	nq	99
75) Fluoranthene	12.54	202	1161825	45.847	nq	98
77) Benzidine	12.66	184	566628	36.894	nq	98
78) Pyrene	12.77	202	1164931	42.324	nq	99
80) Butylbenzylphthalate	13.37	149	514036	44.370	nq	99
81) Benzo(a)anthracene	13.96	228	977828	44.186	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	281651	32.808	nq	98
83) Chrysene	14.00	228	966092	44.534	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	699131	46.142	nq	100
85) Di-n-octyl phthalate	14.54	149	1128527	45.946	nq	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	895236	46.694	nq	100
88) Benzo(b)fluoranthene	15.00	252	995970	47.427	nq	100
89) Benzo(k)fluoranthene	15.03	252	849351	44.029	nq	99
90) Benzo(a)pyrene	15.37	252	875502	47.371	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	747832	48.695	nq	99
92) Benzo(g,h,i)perylene	17.33	276	777344	50.508	nq	99

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



#1

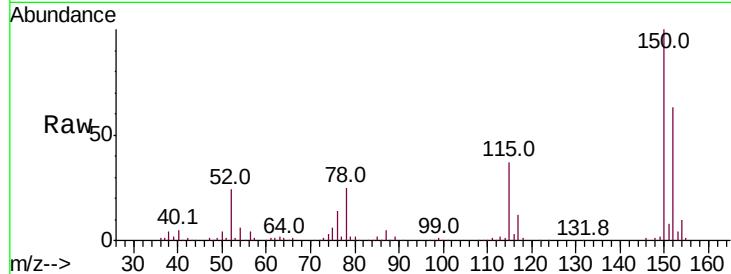
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

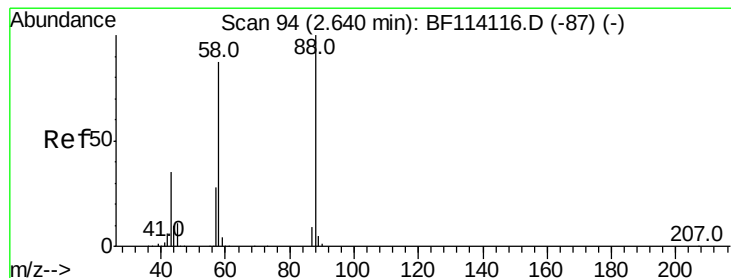
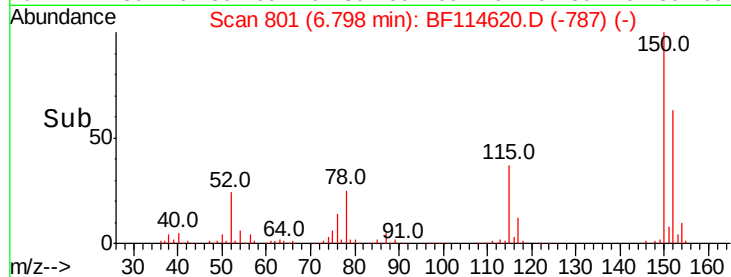
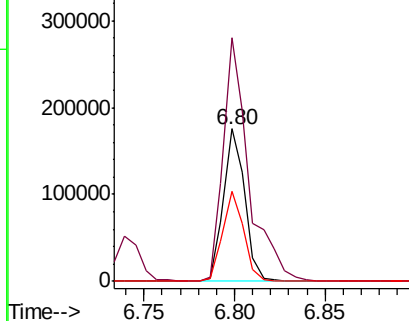
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.3	186.5
115	59.3	49.1	73.7

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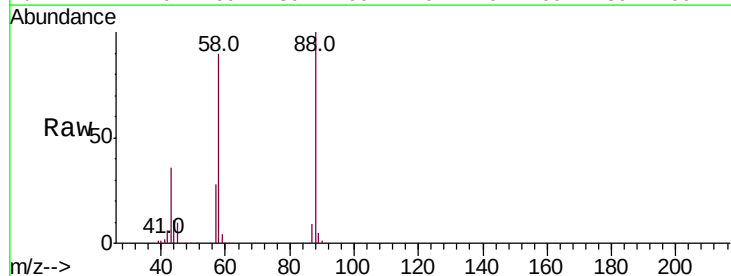
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



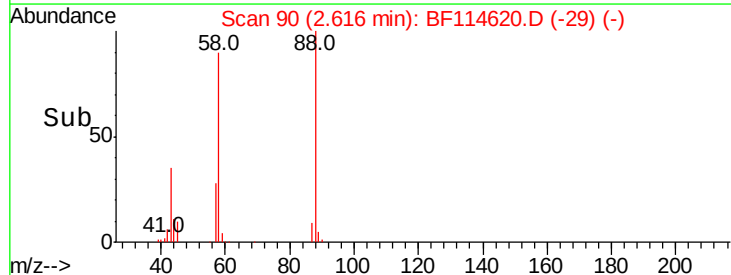
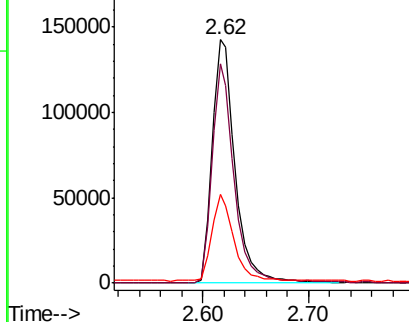
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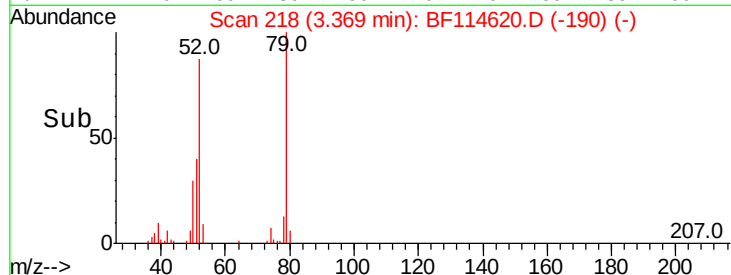
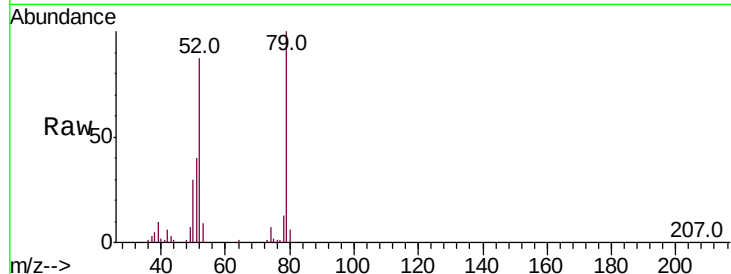
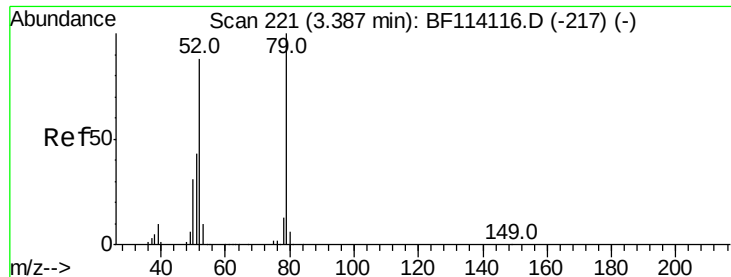
1,4-Dioxane
Concen: 44.333 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.06 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	68.7	103.1
43	34.2	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





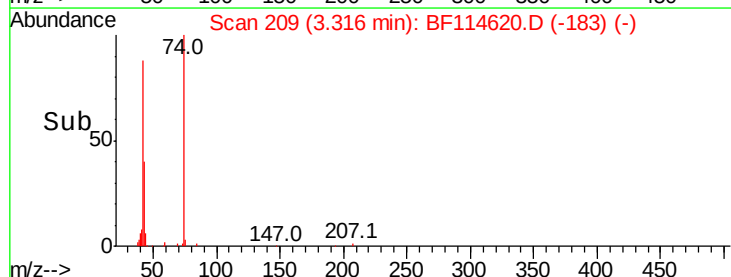
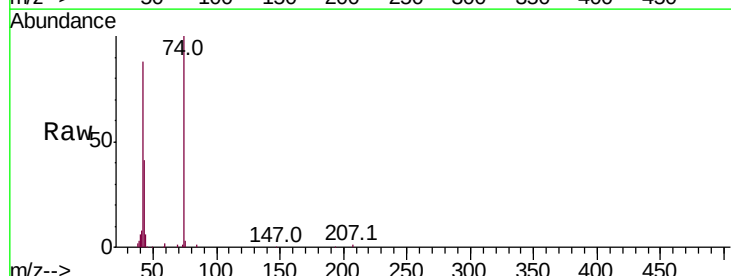
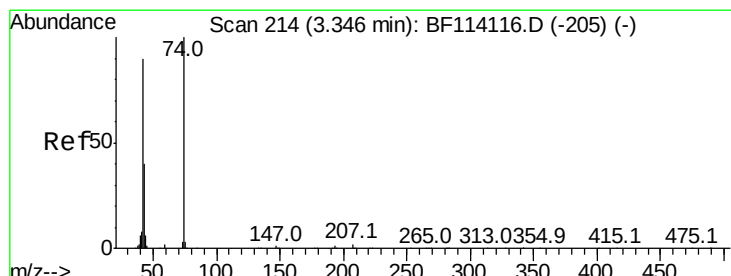
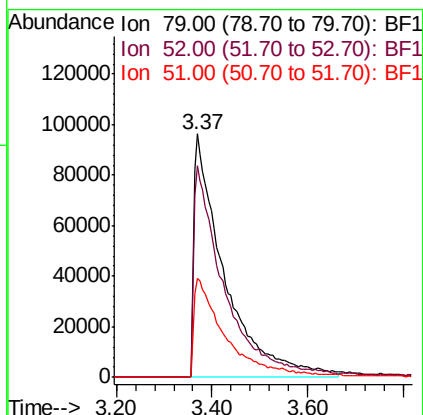
#3
Pvridine
Concen: 31.304 ng
RT: 3.37 min Scan# 218
Delta R.T. 0.06 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.1	70.6	105.8
51	40.5	34.2	51.2

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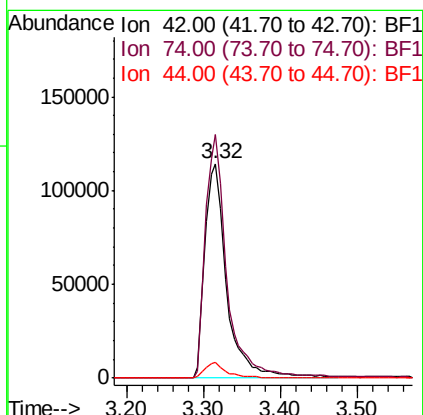
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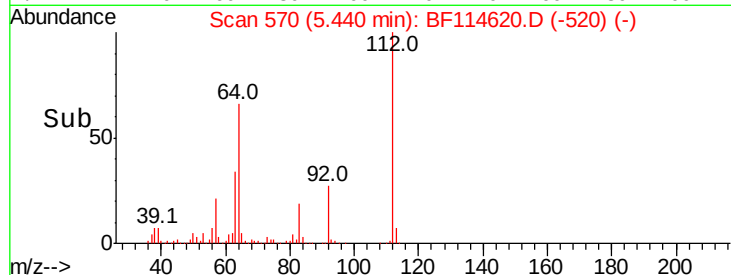
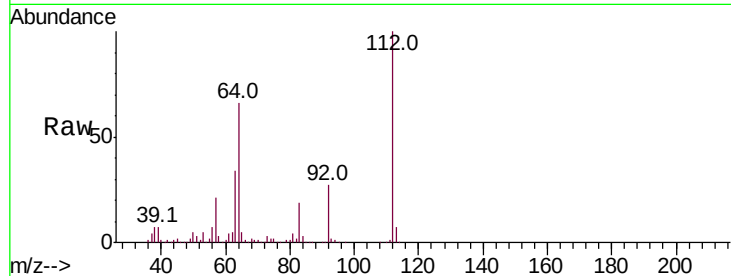
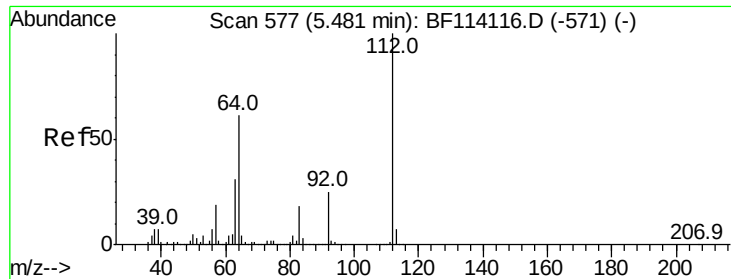
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#4
n-Nitrosodimethylamine
Concen: 34.842 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.05 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.7	88.6	132.8
44	7.3	5.5	8.3





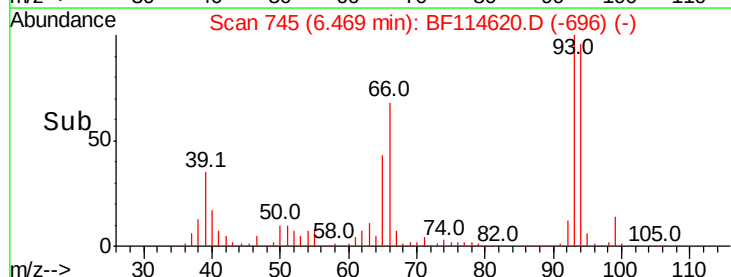
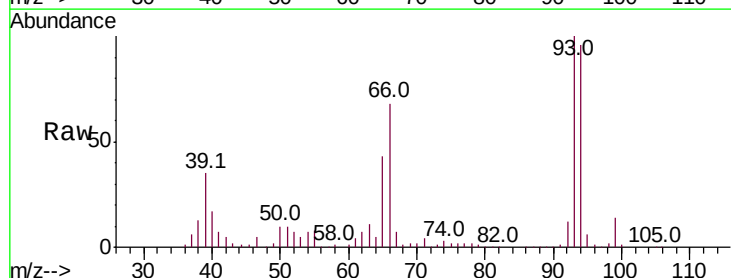
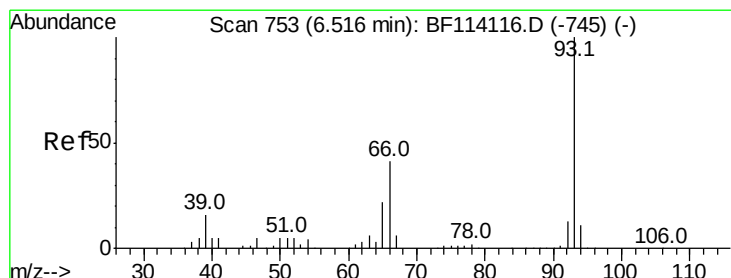
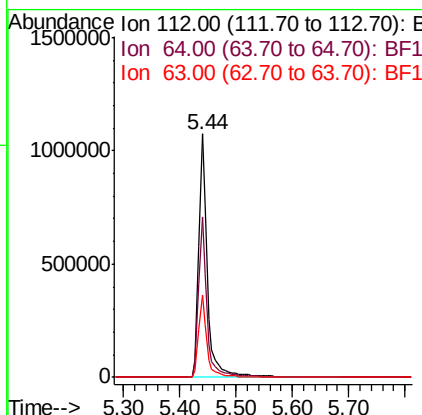
#5
2-Fluorophenol
Concen: 129.938 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1161219		
64	66.1	49.0	73.6	
63	33.8	24.6	37.0	

Instrument :
BNA_F
ClientSampleId :
PB120034BS

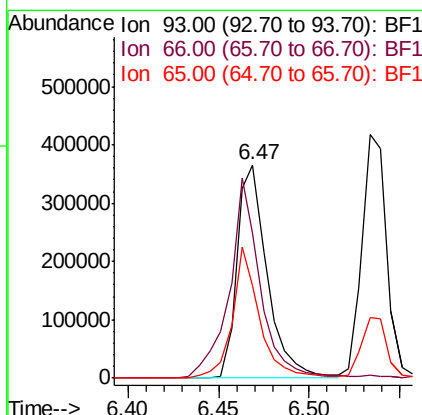
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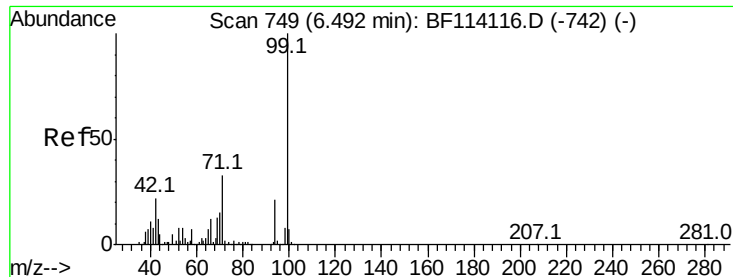
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#6
Aniline
Concen: 27.614 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	421622		
66	67.8	33.2	49.8#	
65	43.3	17.6	26.4#	





#7

Phenol-d6

Concen: 137.757 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

Tot Ion: 99 Resp: 1456053

Ion Ratio Lower Upper

99 100

42 22.5 17.9 26.9

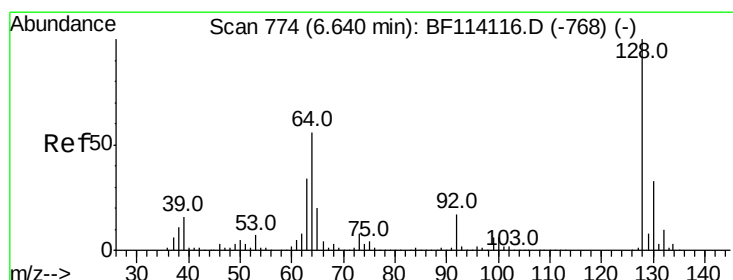
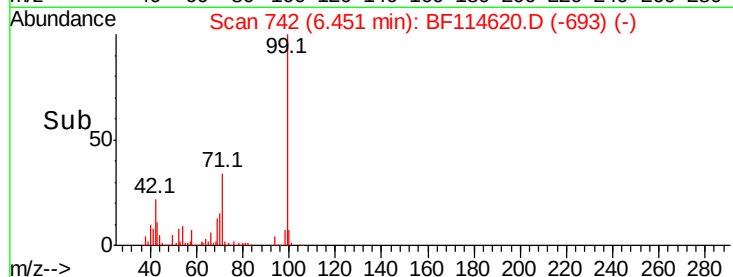
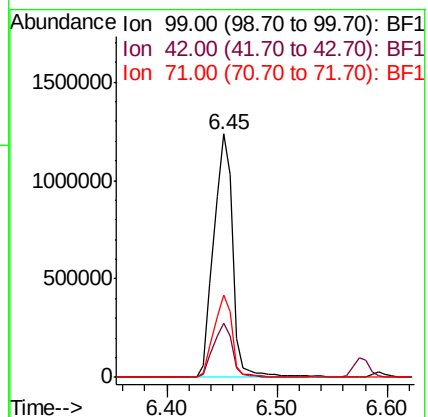
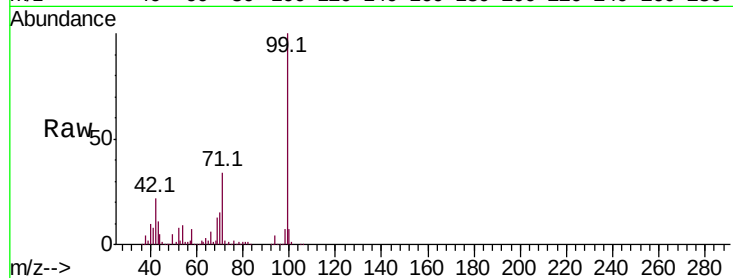
71 33.7 26.2 39.2

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#8

2-Chlorophenol

Concen: 44.282 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

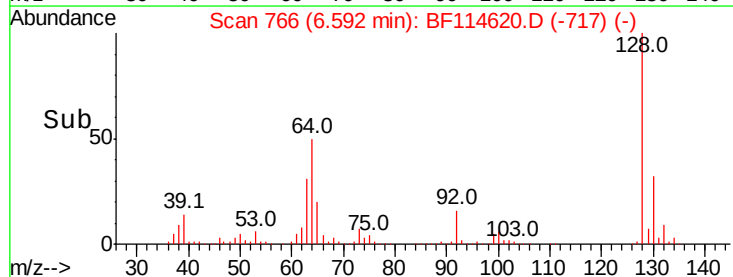
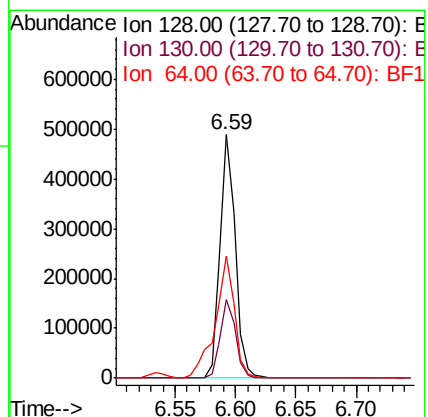
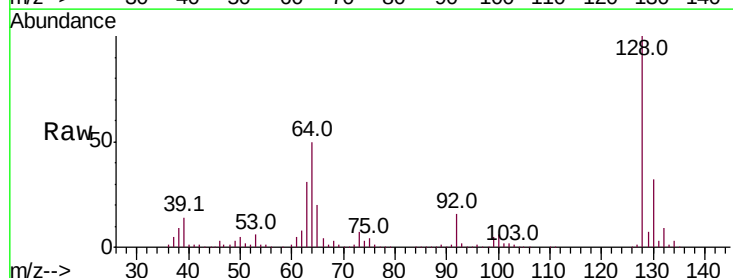
Tgt Ion: 128 Resp: 422474

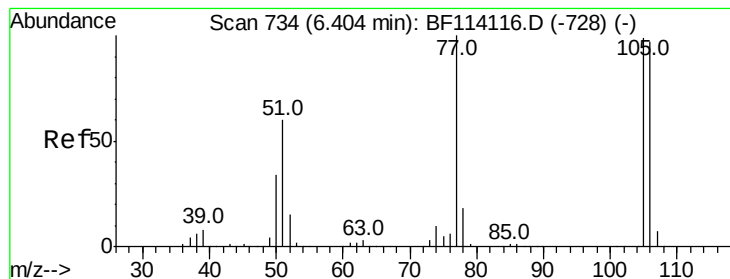
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 50.3 35.9 75.9





#9

Benzaldehyde

Concen: 27.063 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

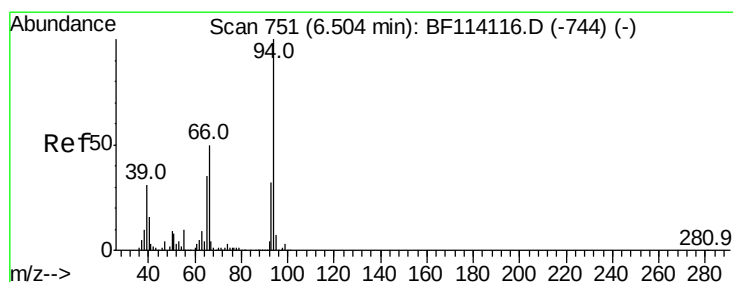
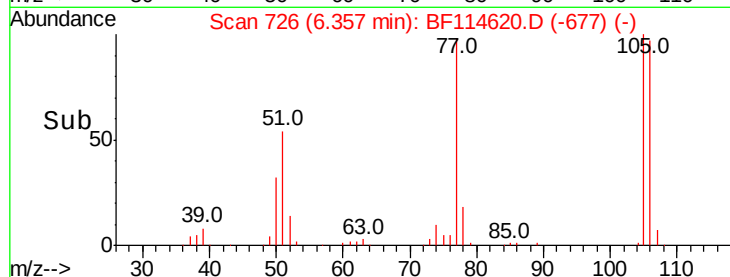
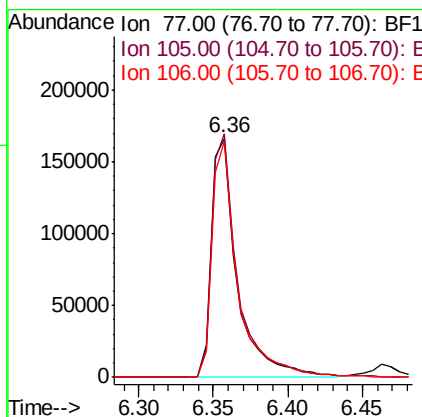
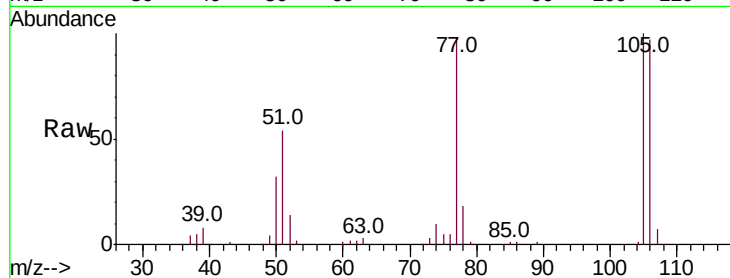
ClientSampleId :

PB120034BS

Tot Ion	77	Resp	200258
Ion	Ratio	Lower	Upper
77	100		
105	101.9	79.3	119.3
106	98.8	77.0	117.0

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#10

Phenol

Concen: 40.888 ng

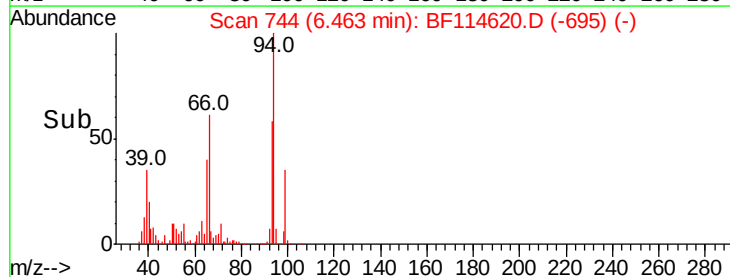
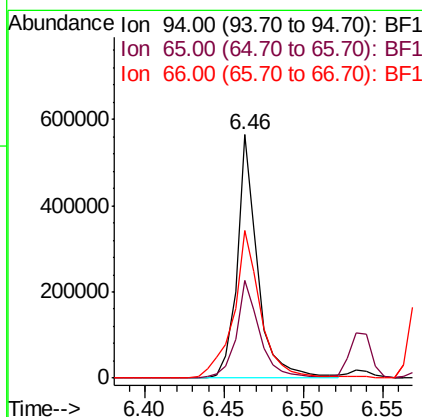
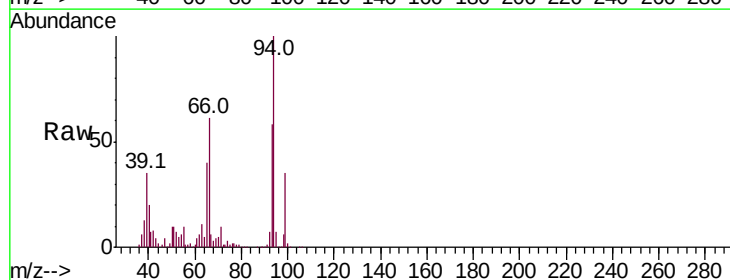
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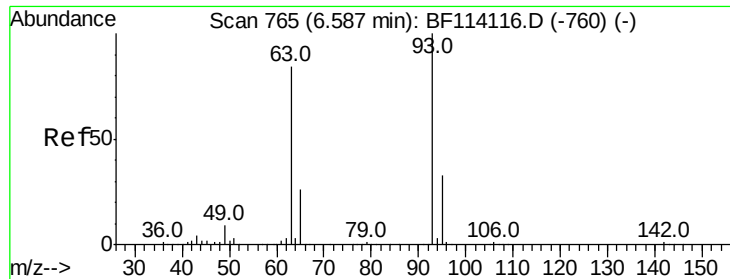
Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Tgt Ion	94	Resp	508403
Ion	Ratio	Lower	Upper
94	100		
65	39.9	14.7	54.7
66	60.7	29.6	69.6





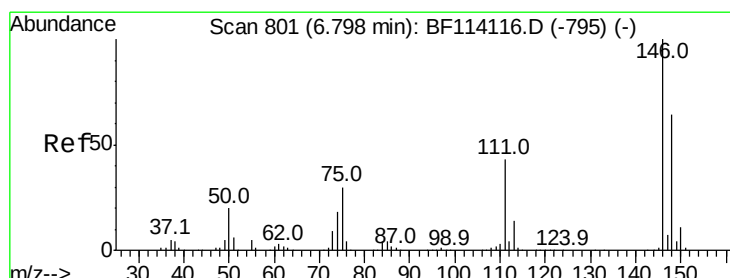
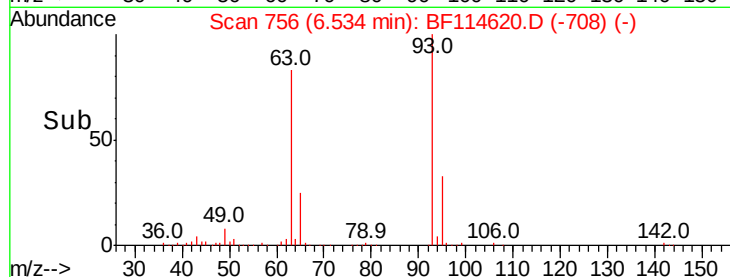
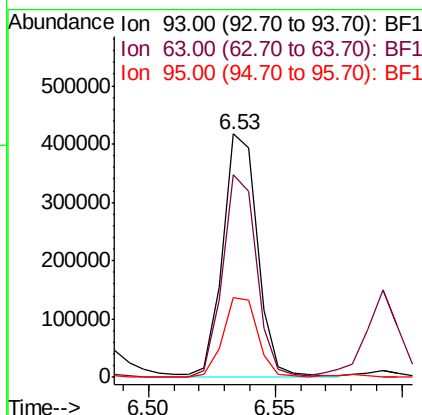
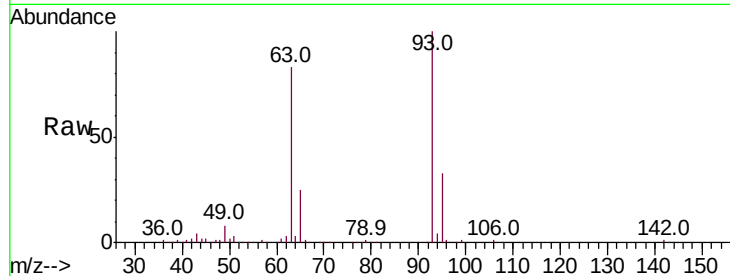
#11
bis(2-Chloroethyl)ether
Concen: 42.299 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	399289		
63	83.2		63.6	103.6
95	32.9		13.1	53.1

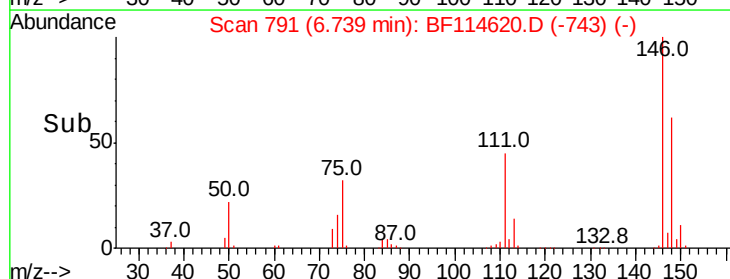
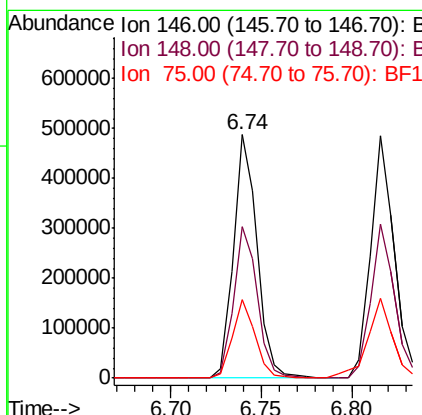
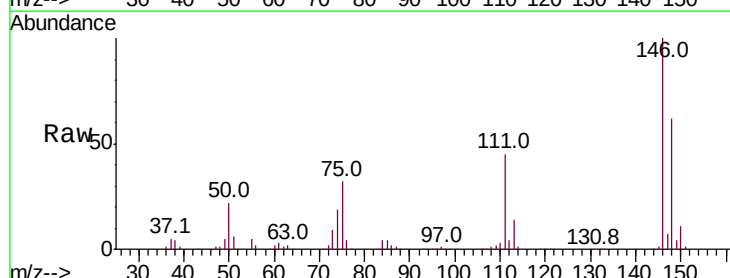
Manual Integrations
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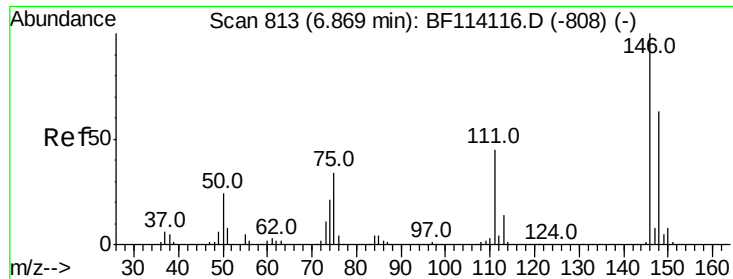
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.317 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	442467		
148	62.3		51.6	77.4
75	32.3		24.2	36.2





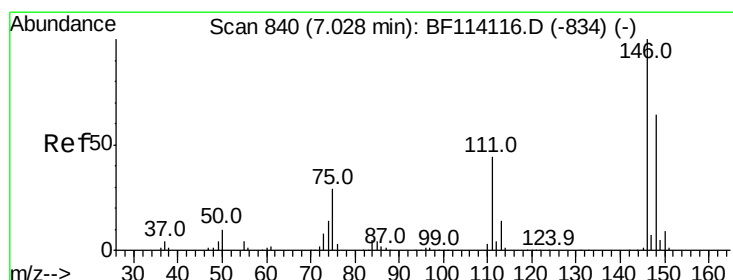
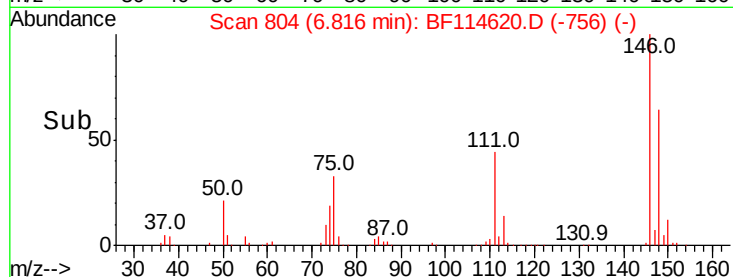
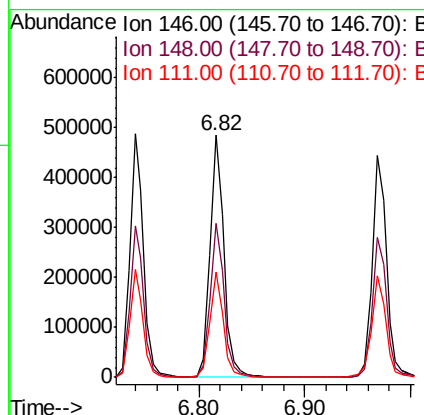
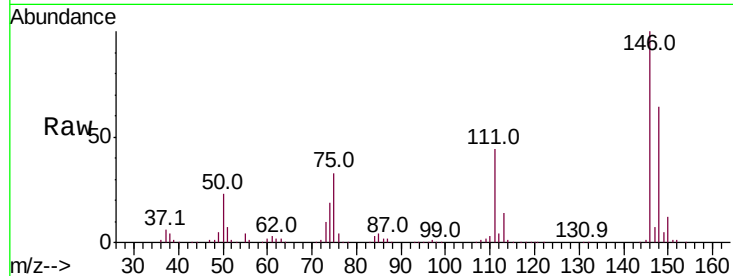
#13
 1,4-Dichlorobenzene
 Concen: 41.468 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.2
111	43.7	35.8	53.6

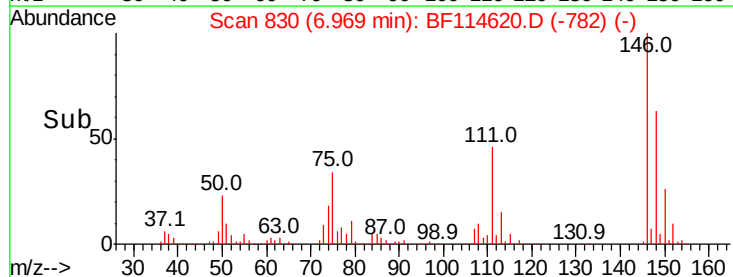
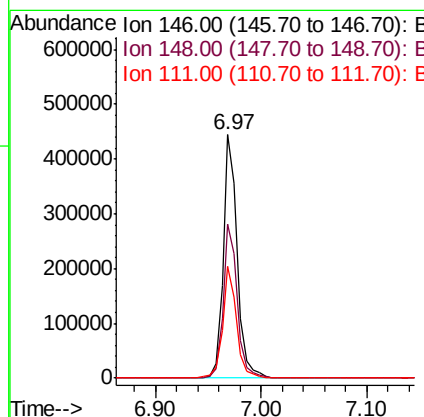
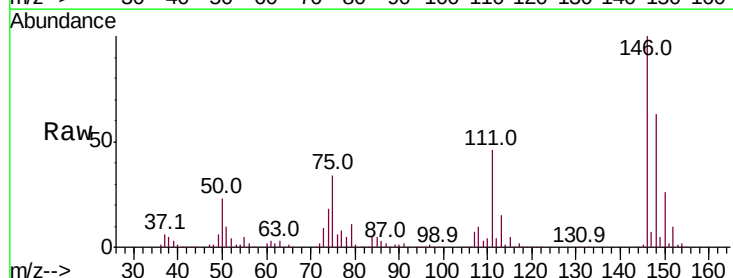
Manual Integrations
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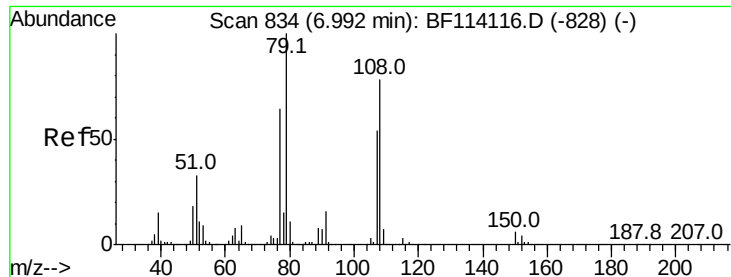
mohammad
 5/27/2019 3:50:28 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.955 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	45.8	35.3	52.9





#15

Benzyl Alcohol

Concen: 39.732 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

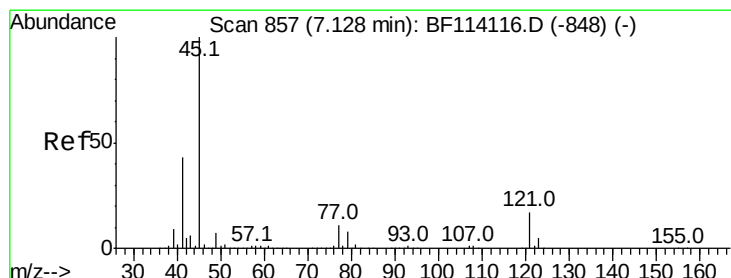
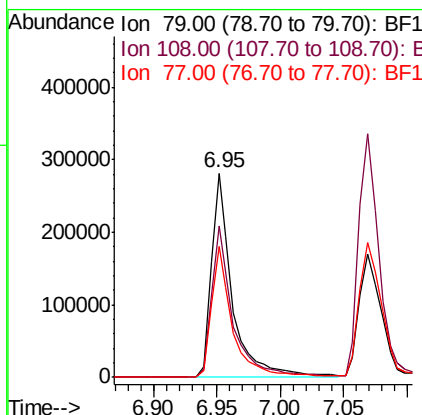
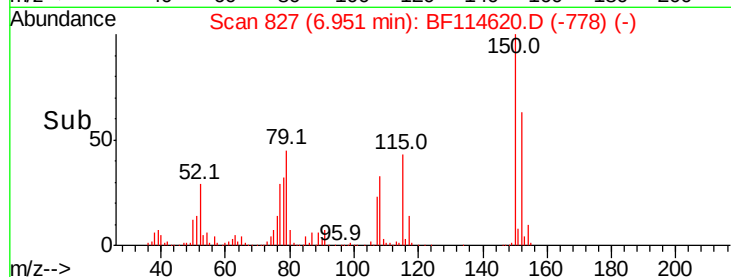
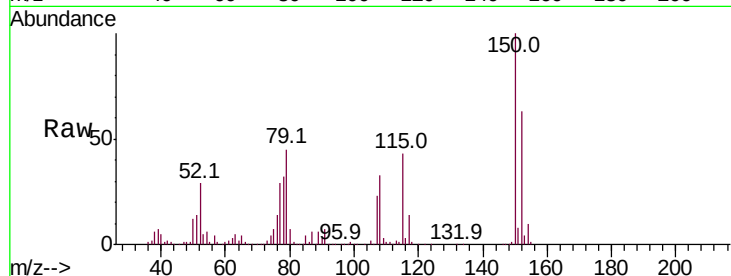
ClientSampleId :

PB120034BS

Tot Ion:	79	Resp:	327539
Ion Ratio	Lower	Upper	
79	100		
108	74.4	62.1	93.1
77	63.8	51.0	76.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.533 ng

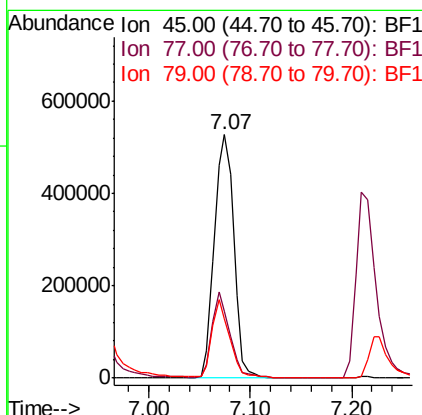
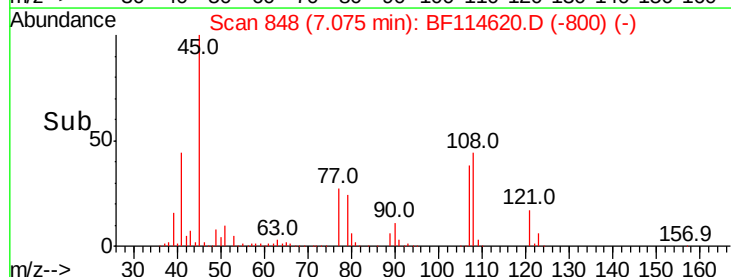
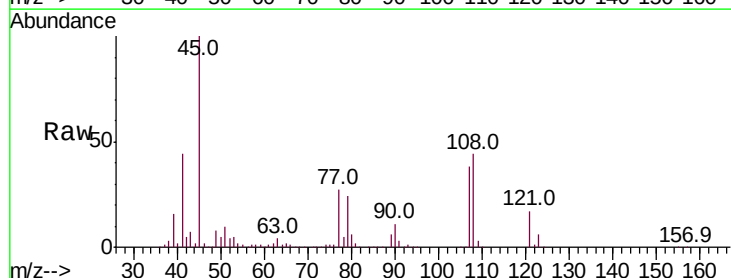
RT: 7.07 min Scan# 848

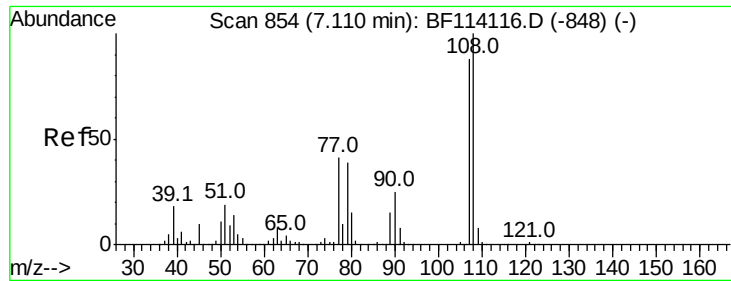
Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Tgt Ion:	45	Resp:	705265
Ion Ratio	Lower	Upper	
45	100		
77	27.4	0.0	31.1
79	24.4	0.0	28.4





#17

2-Methylphenol

Concen: 41.931 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

Tot Ion:107 Resp: 328616
Ion Ratio Lower Upper

107 100

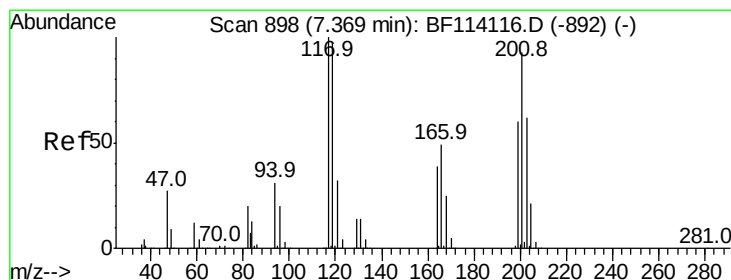
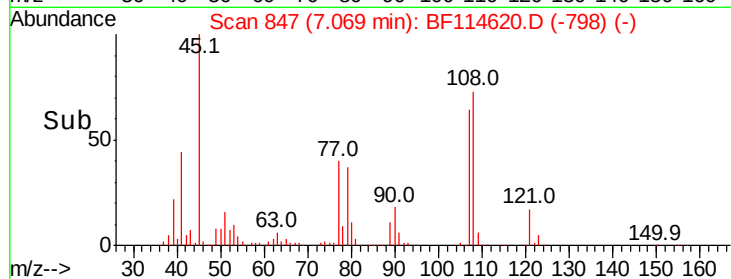
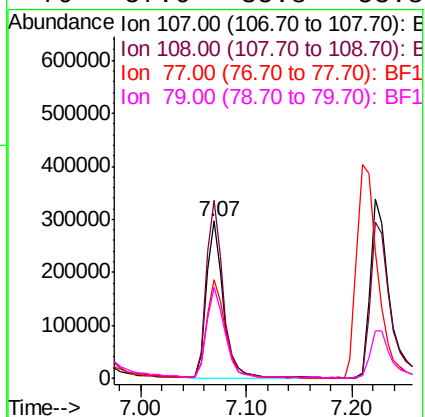
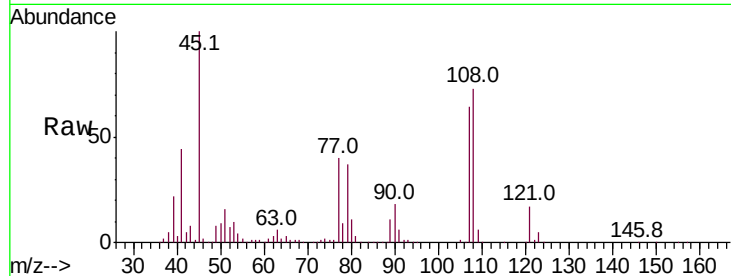
108 113.2 90.5 135.7

77 62.9 37.0 55.4#

79 57.6 35.8 53.8#

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#18

Hexachloroethane

Concen: 39.828 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF114620.D

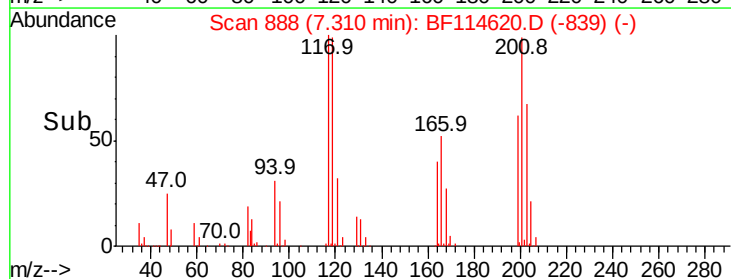
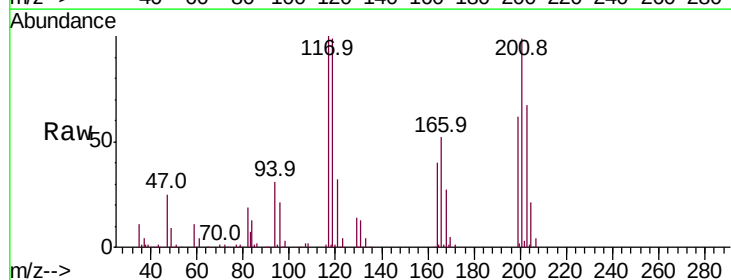
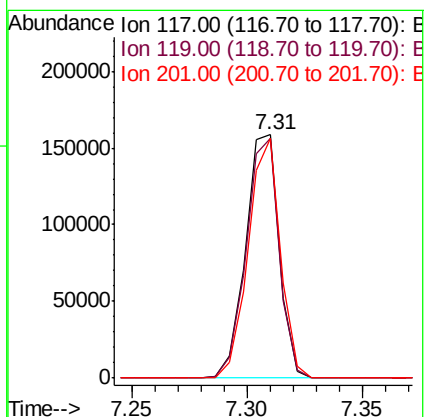
Acq: 25 May 2019 22:27

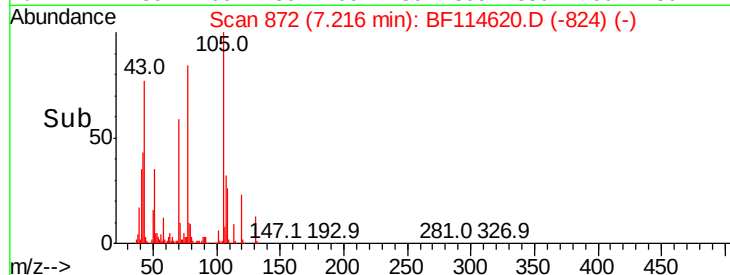
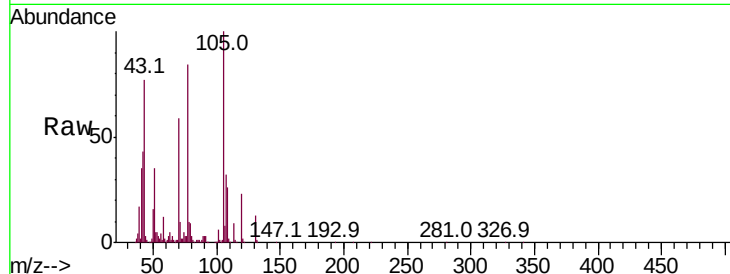
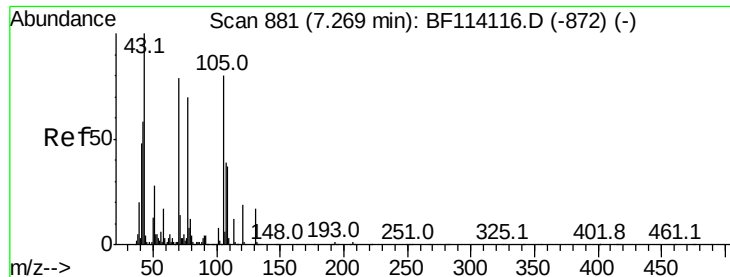
Tgt Ion:117 Resp: 161330
Ion Ratio Lower Upper

117 100

119 98.5 77.4 116.2

201 98.6 74.5 111.7





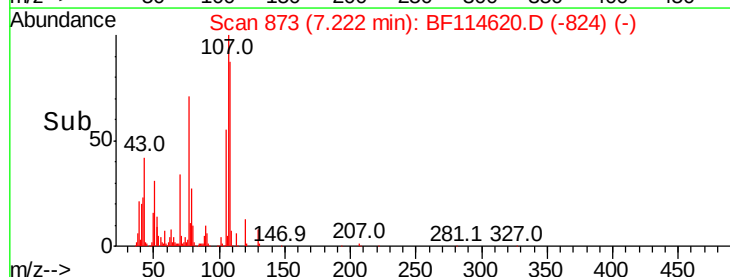
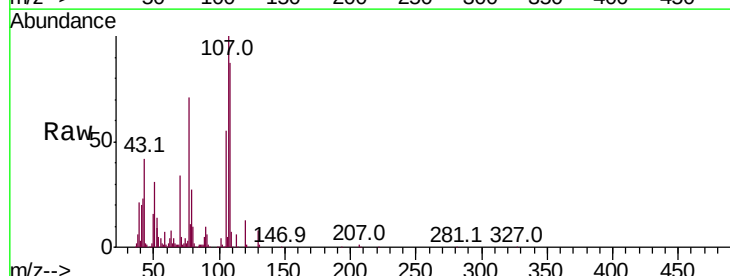
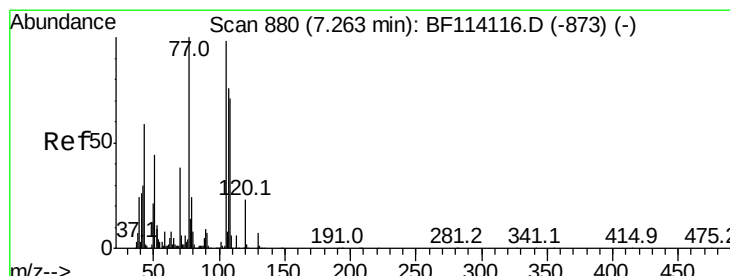
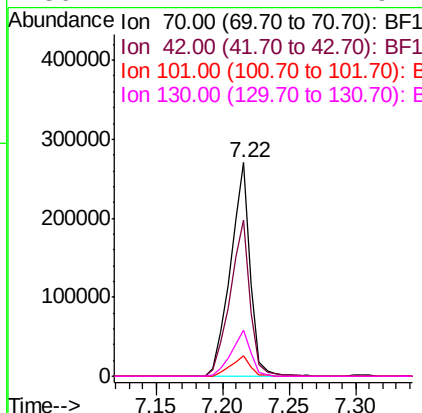
#19
n-Nitroso-di-n-propylamine
Concen: 42.127 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.2	58.6	87.8
101	9.6	7.8	11.8
130	21.7	17.1	25.7

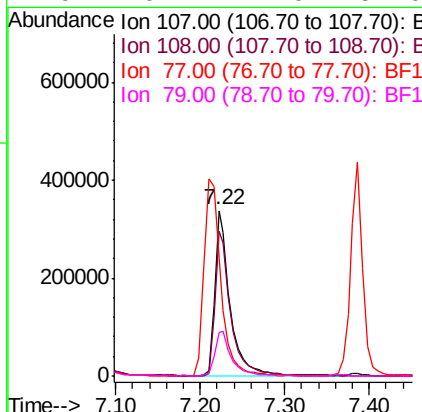
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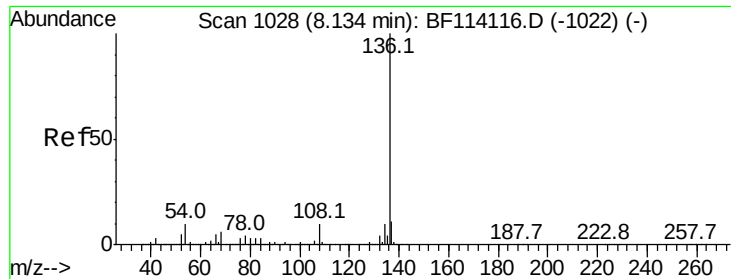
mohammad
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#20
3+4-Methylphenols
Concen: 47.495 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	73.8	113.8
77	71.0	111.5	151.5#
79	26.7	12.0	52.0





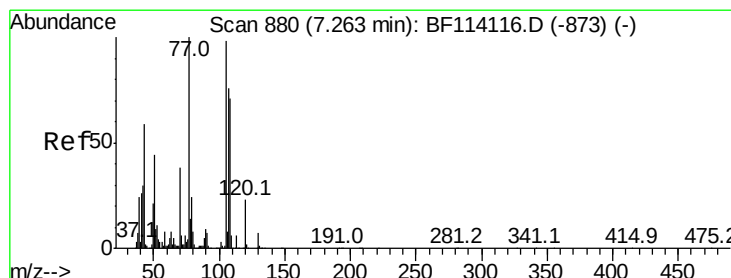
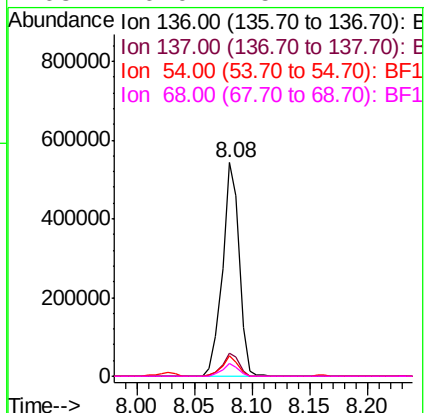
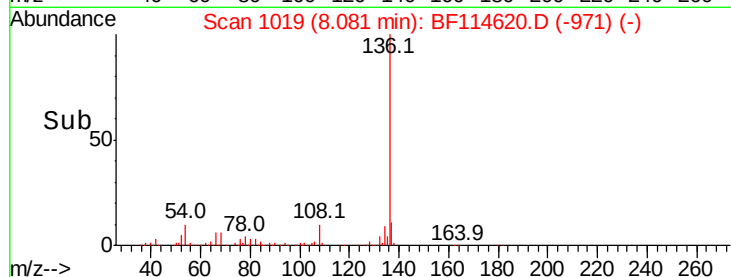
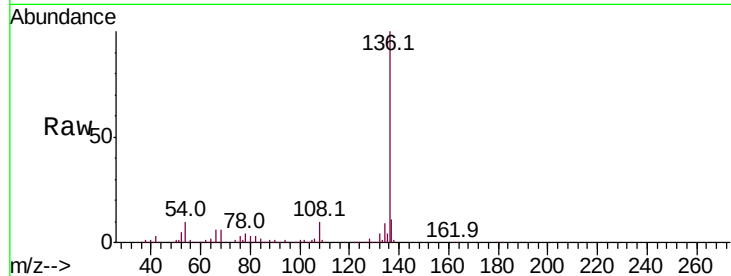
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	9.5	7.8	11.8	
68	6.0	5.1	7.7	

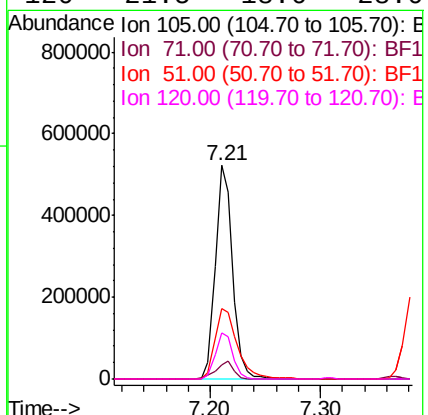
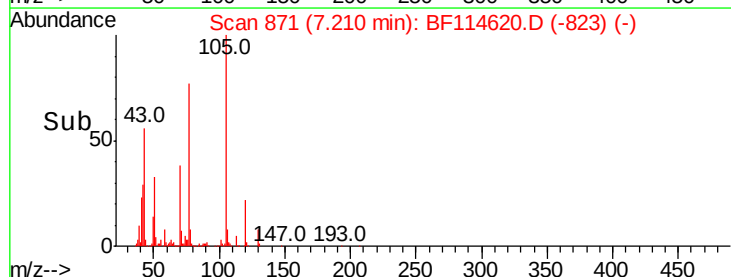
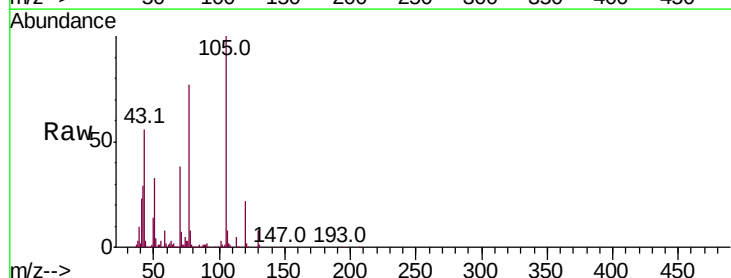
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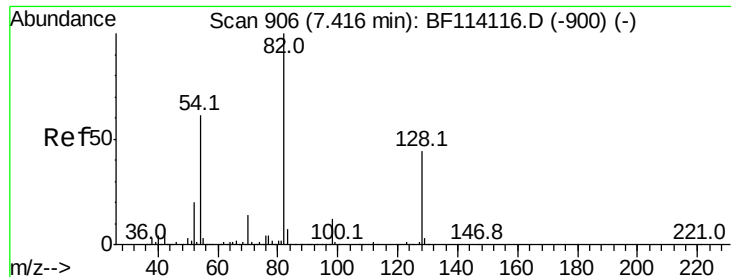
mohammad
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#22
Acetophenone
Concen: 46.314 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.6	5.3	7.9	
51	32.8	36.2	54.4	
120	21.5	18.6	28.0	





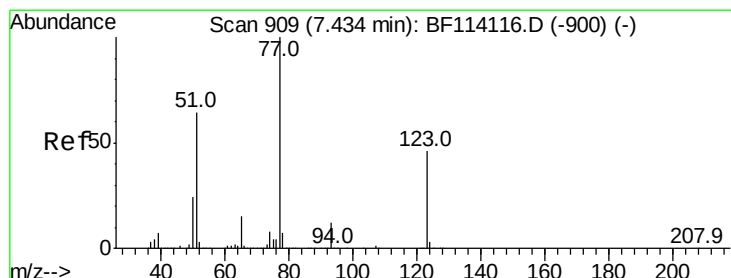
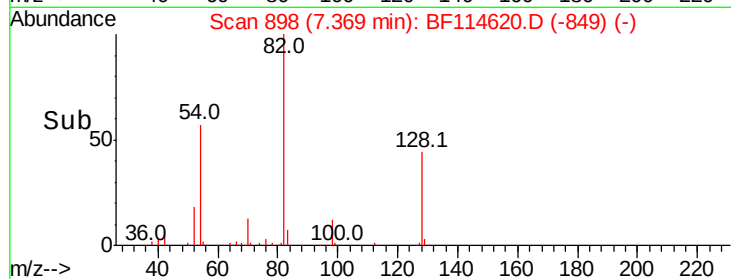
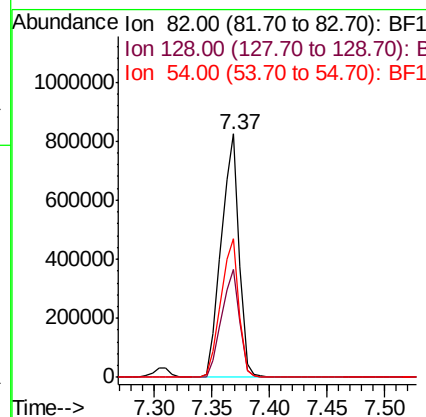
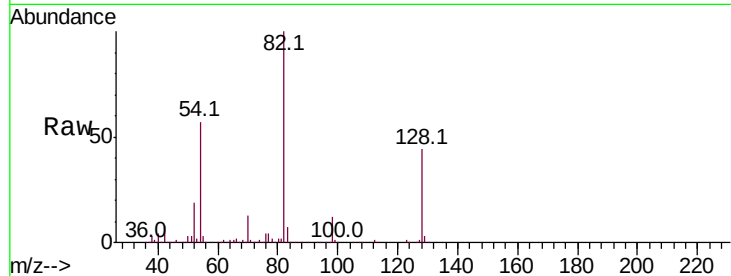
#23
 Nitrobenzene-d5
 Concen: 90.640 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampled :
 PB120034BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.5	53.3
54	57.2	48.5	72.7

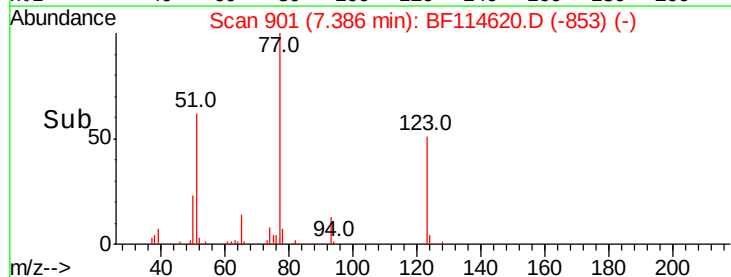
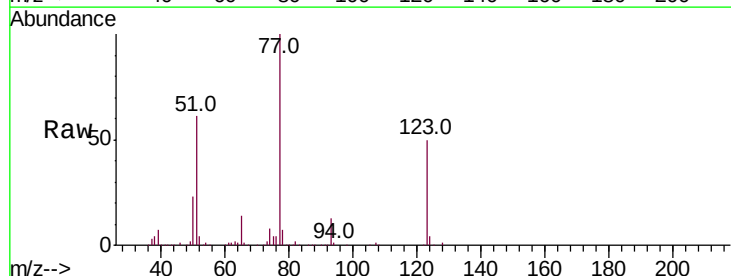
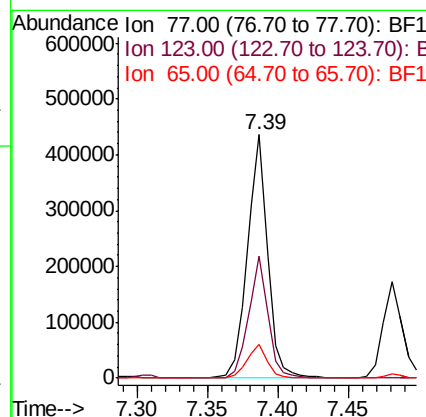
Manual Integrations
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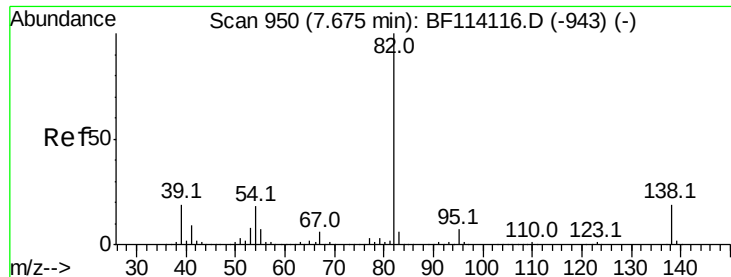
mohammad
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#24
 Nitrobenzene
 Concen: 43.676 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	36.9	55.3
65	13.9	11.8	17.6





#25

Isophorone

Concen: 42.795 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

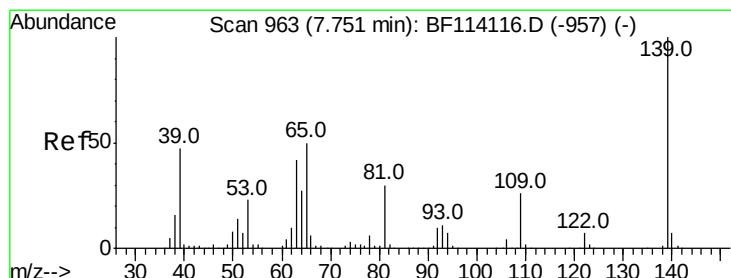
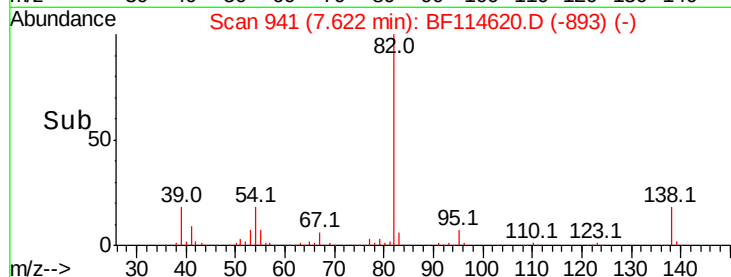
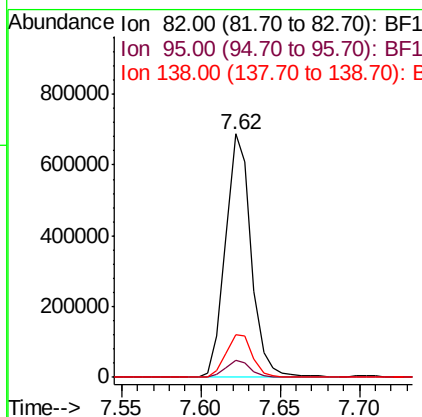
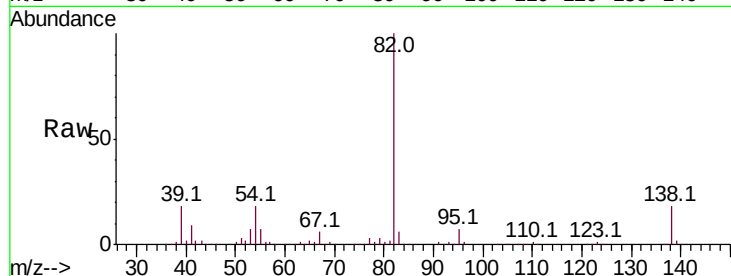
ClientSampleId :

PB120034BS

Tot Ion:	82	Resp:	772453
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	17.7	14.8	22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.750 ng

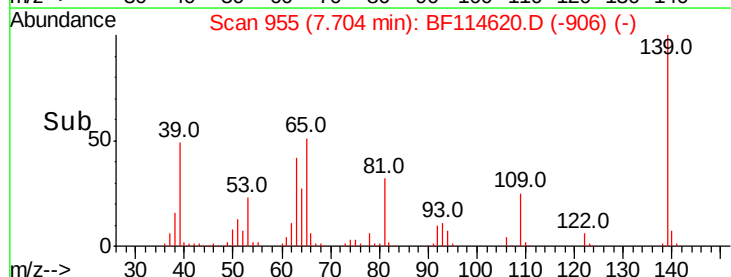
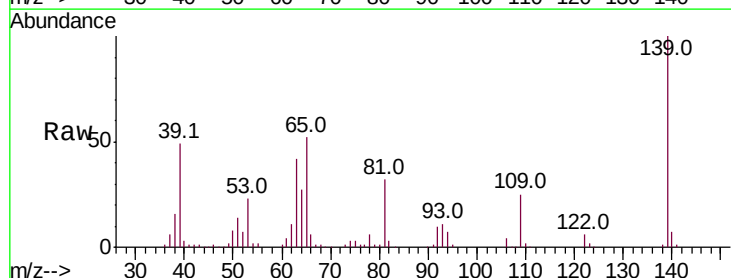
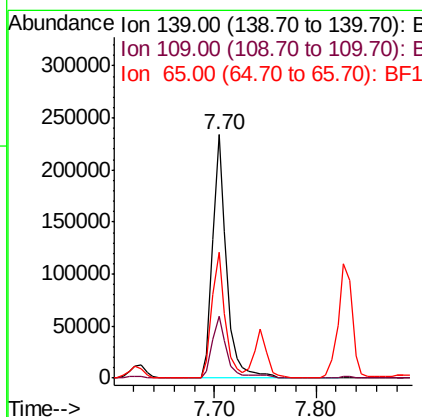
RT: 7.70 min Scan# 955

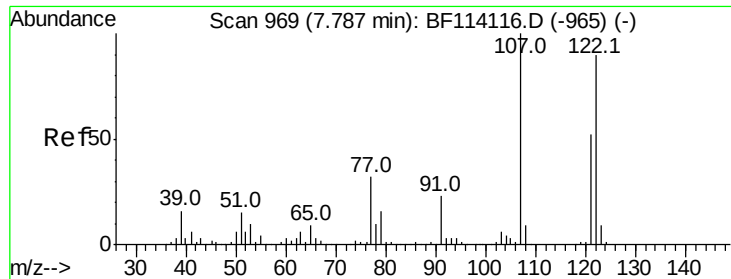
Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Tgt Ion:	139	Resp:	224833
Ion Ratio	Lower	Upper	
139	100		
109	25.2	20.7	31.1
65	51.8	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 47.726 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

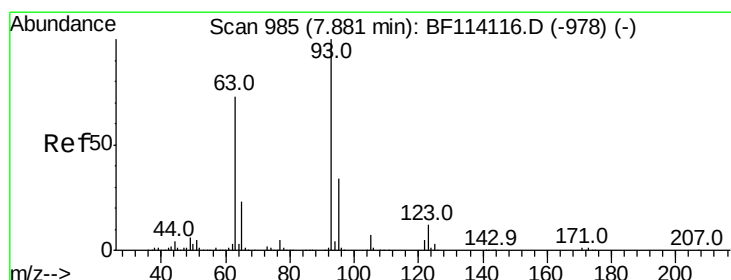
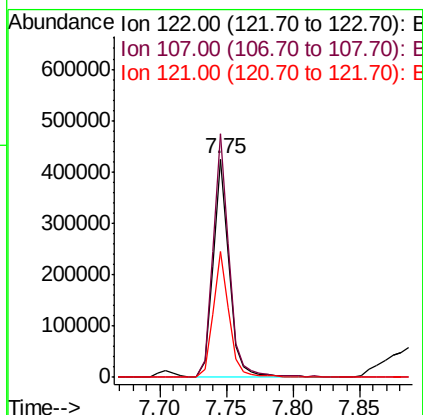
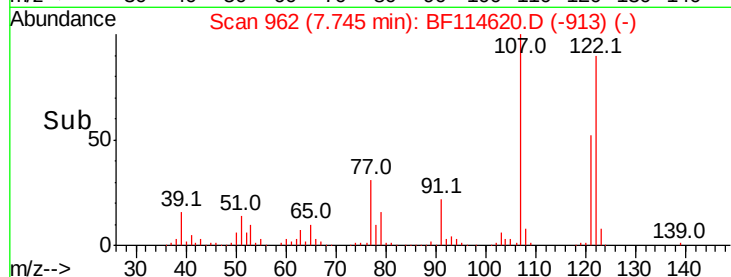
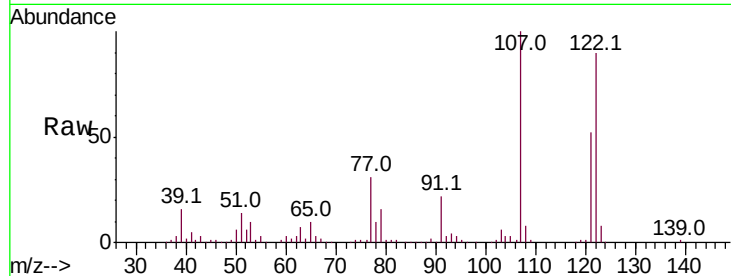
ClientSampleId :

PB120034BS

Tot Ion:	122	Resp:	360496
Ion Ratio	Lower	Upper	
122	100		
107	111.4	88.4	132.6
121	57.6	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 41.864 ng

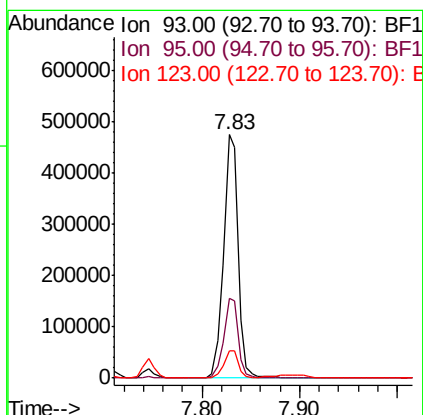
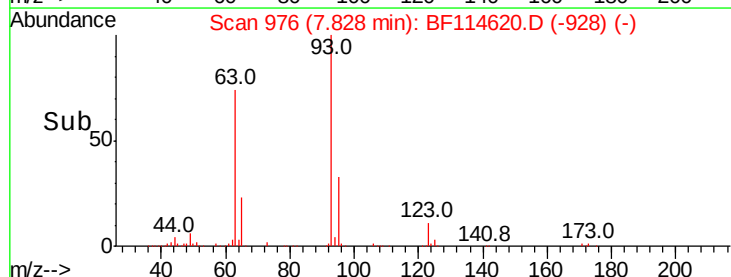
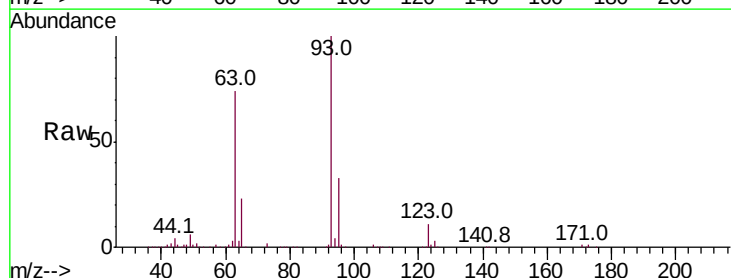
RT: 7.83 min Scan# 976

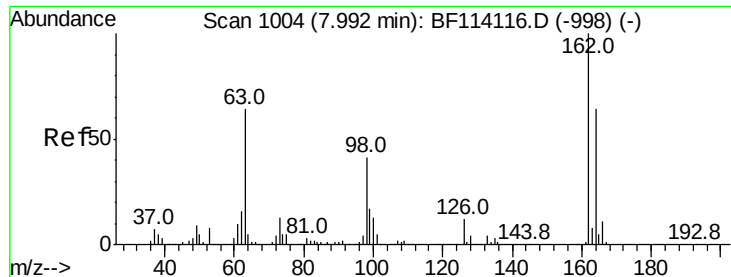
Delta R.T. -0.02 min

Lab File: BF114620.D

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Tgt Ion:	93	Resp:	490289
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.8	40.2
123	11.3	9.5	14.3





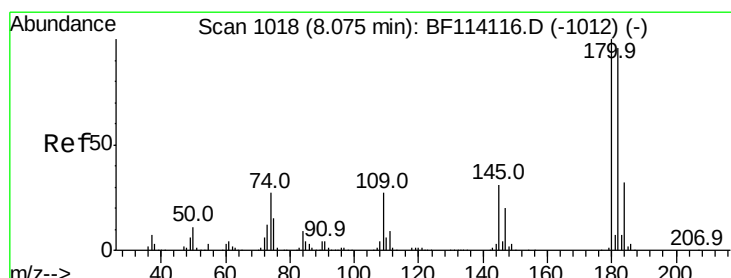
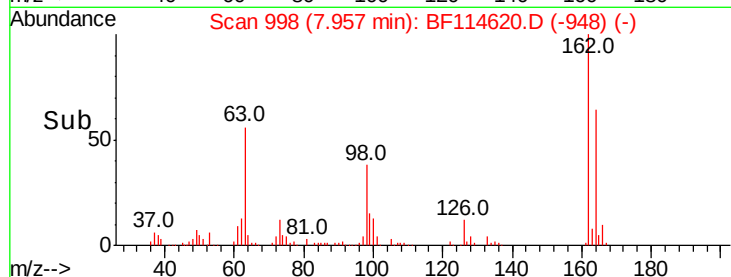
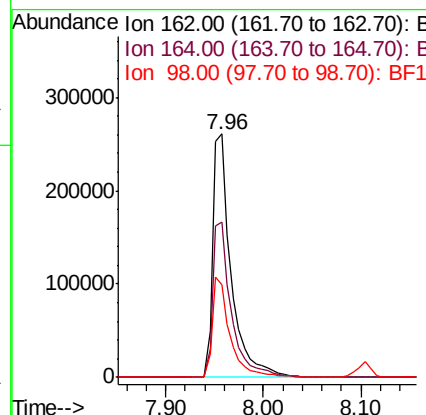
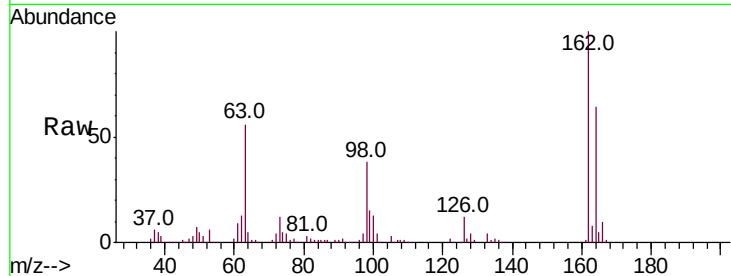
#29
 2,4-Dichlorophenol
 Concen: 45.153 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	339610		
164	63.6	43.6	83.6	
98	37.8	20.6	60.6	

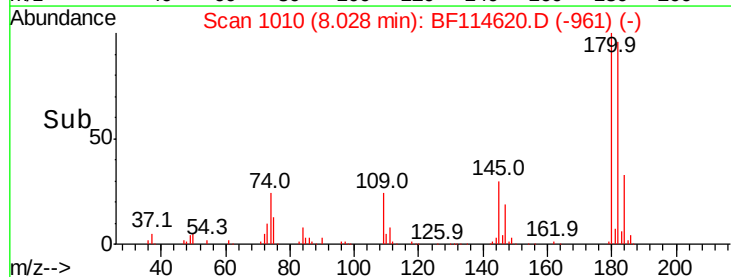
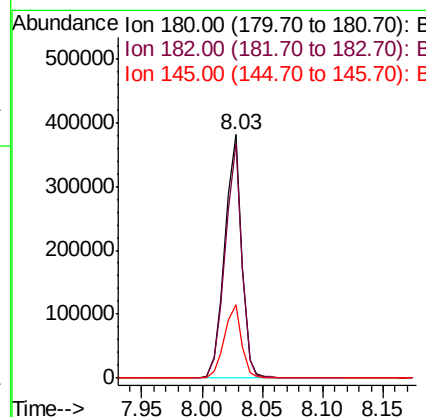
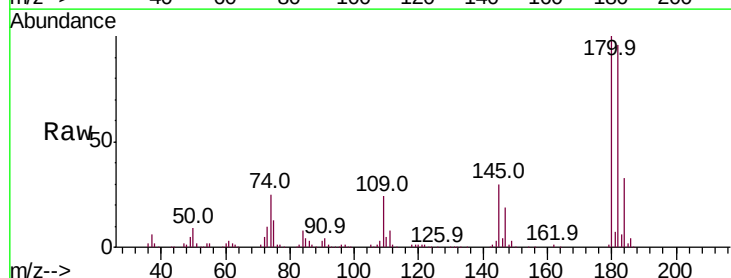
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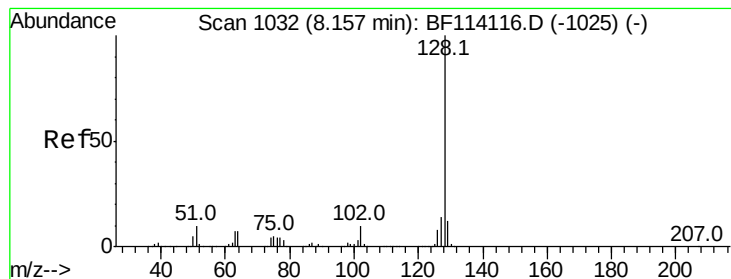
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.852 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	366505		
182	96.3	76.6	114.8	
145	30.2	25.1	37.7	





#31

Naphthalene

Concen: 46.478 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

Tot Ion:128 Resp: 1185804

Ion Ratio Lower Upper

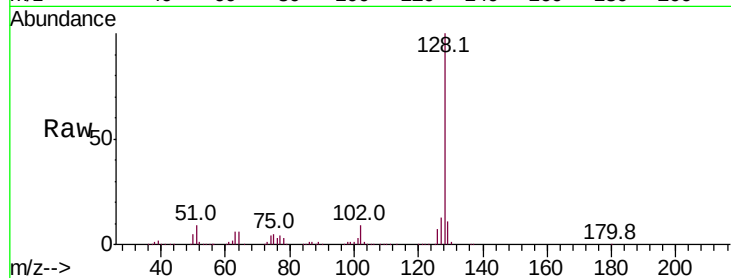
128 100

129 11.5 9.6 14.4

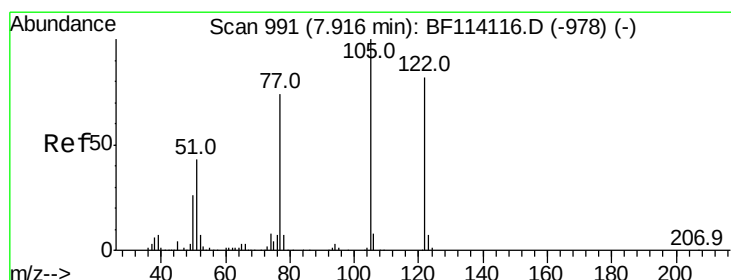
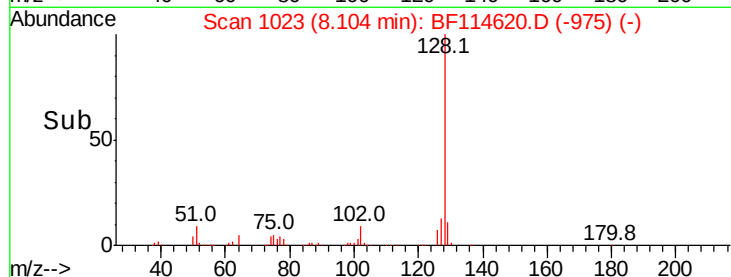
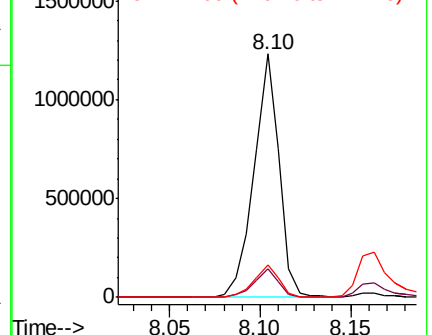
127 13.1 11.3 16.9

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.281 ng m

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

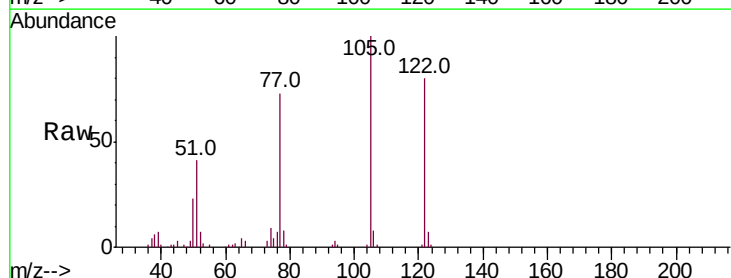
Tgt Ion:122 Resp: 184588

Ion Ratio Lower Upper

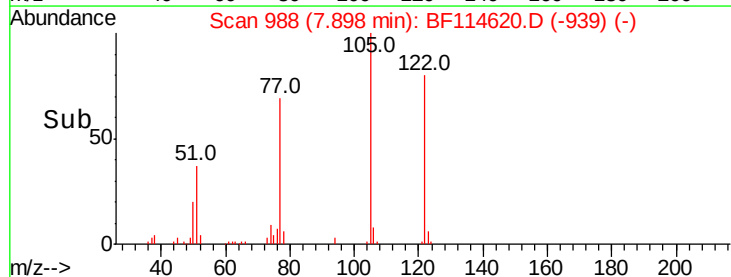
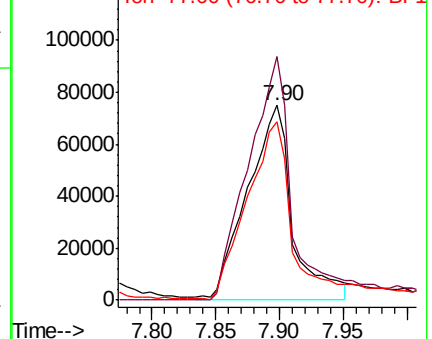
122 100

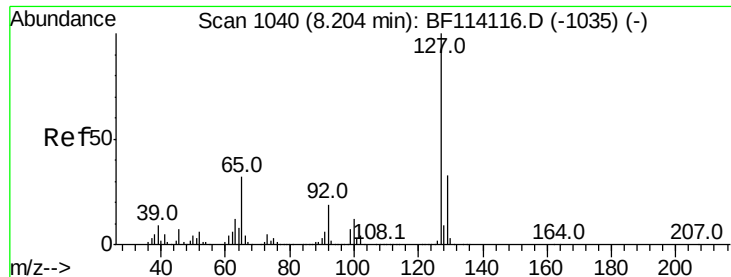
105 125.2 99.9 139.9

77 91.6 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





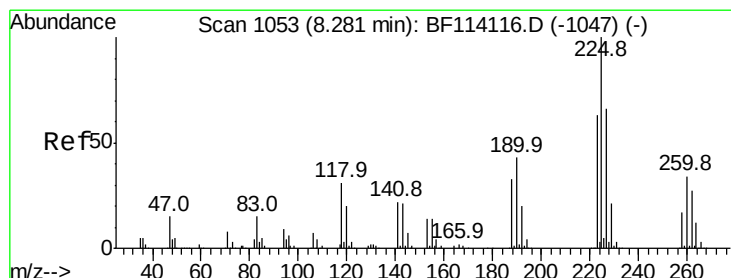
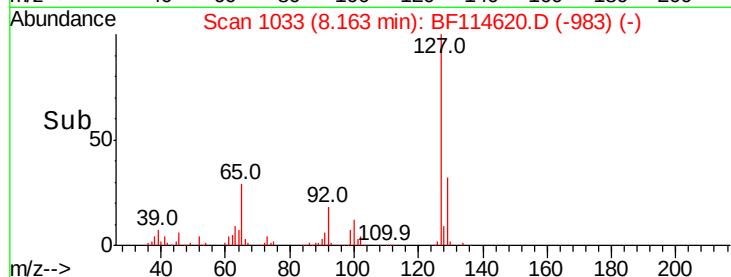
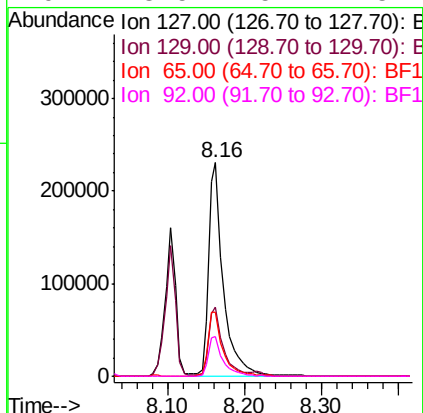
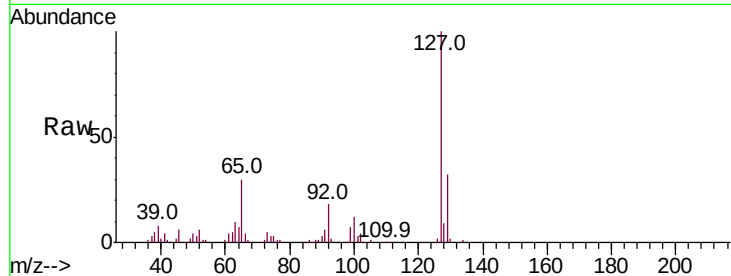
#33
 4-Chloroaniline
 Concen: 26.062 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.7	40.1	
65	29.7	25.4	38.0	
92	18.5	15.4	23.2	

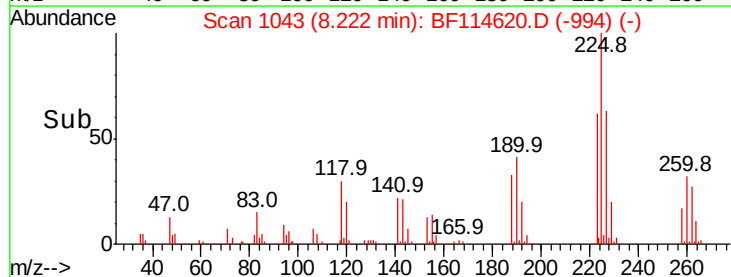
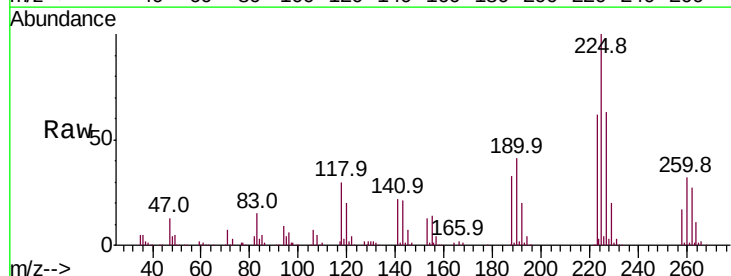
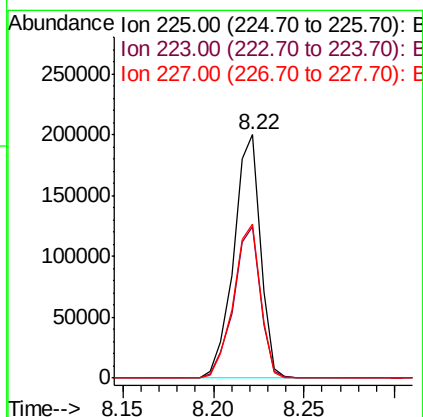
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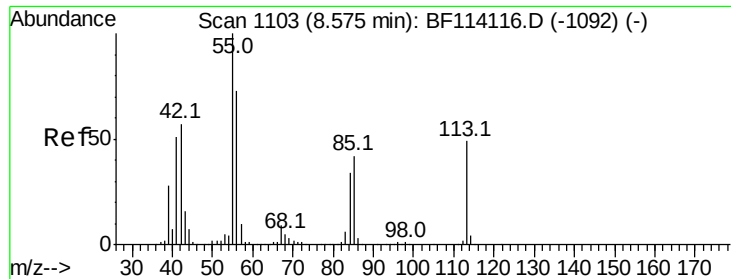
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#34
 Hexachlorobutadiene
 Concen: 42.235 ng
 RT: 8.22 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	50.2	75.2	
227	63.3	52.6	79.0	





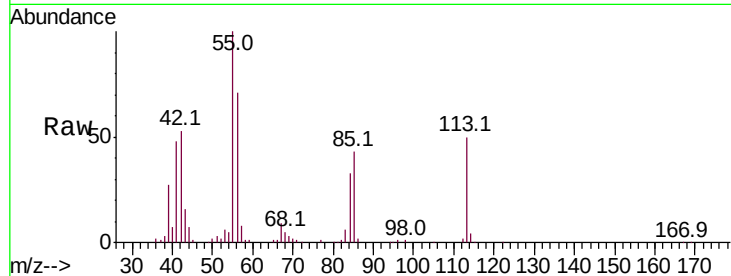
#35
Caprolactam
Concen: 44.427 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

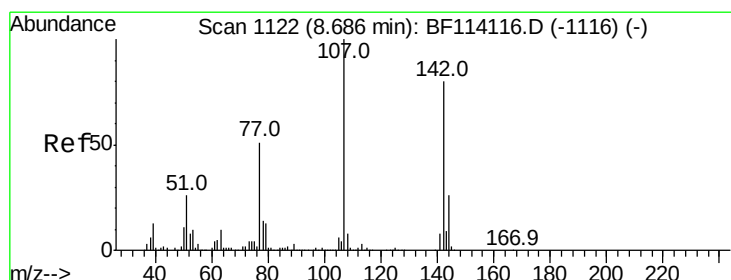
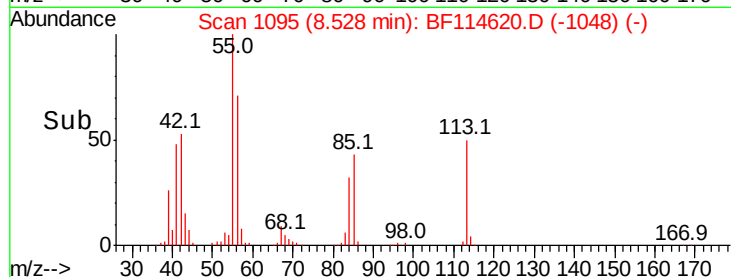
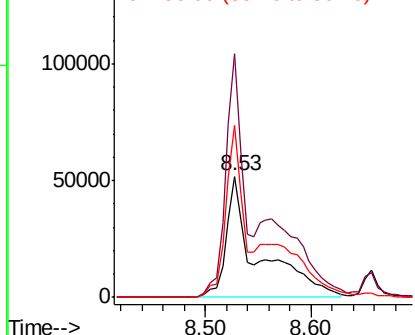
Tot Ion	Ratio	Lower	Upper
113	100		
55	200.6	183.5	223.5
56	142.0	128.8	168.8

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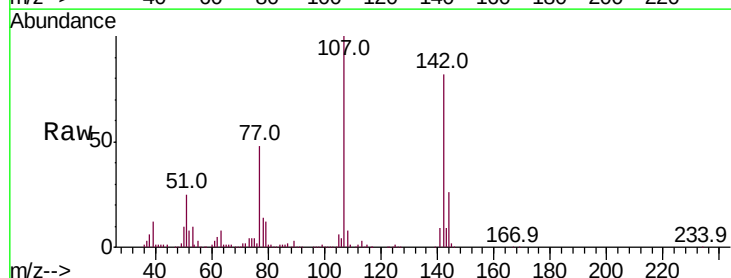


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

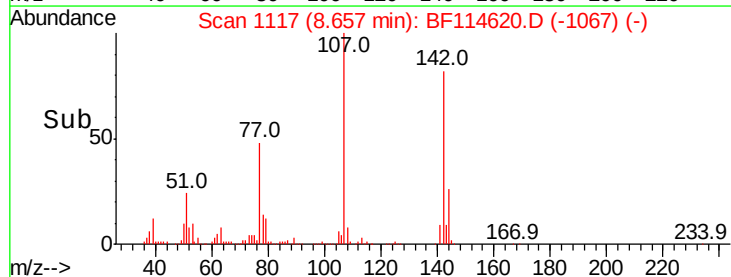
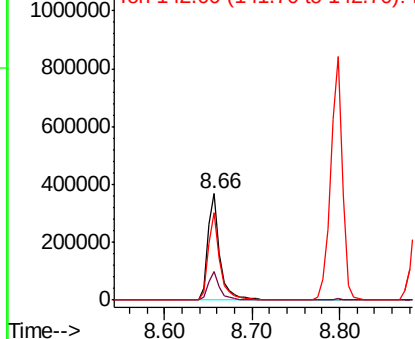


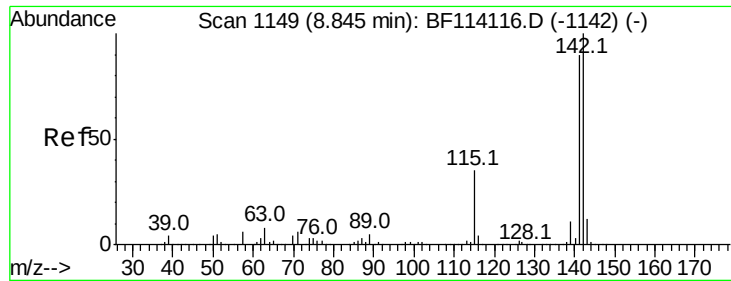
#36
4-Chloro-3-methylphenol
Concen: 46.396 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.4	30.6
142	81.9	64.2	96.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





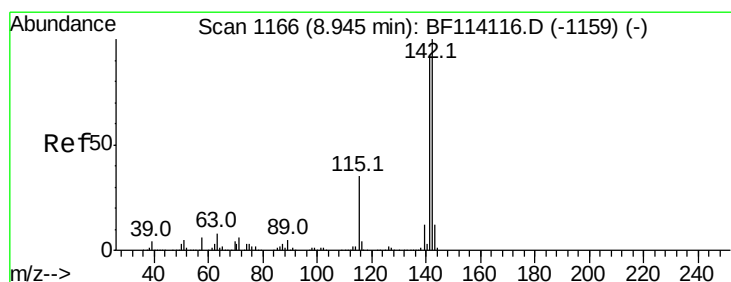
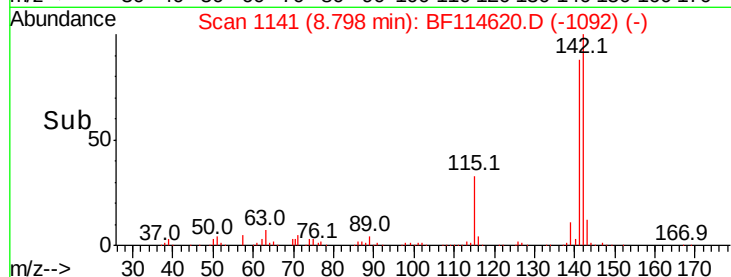
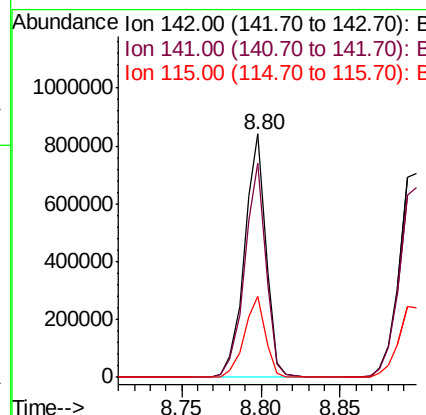
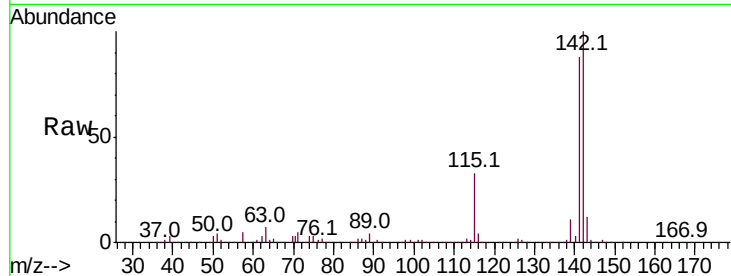
#37
2-Methylnaphthalene
Concen: 47.625 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.1	108.1
115	33.2	28.0	42.0

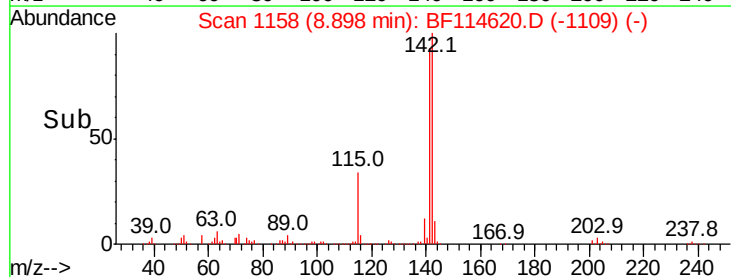
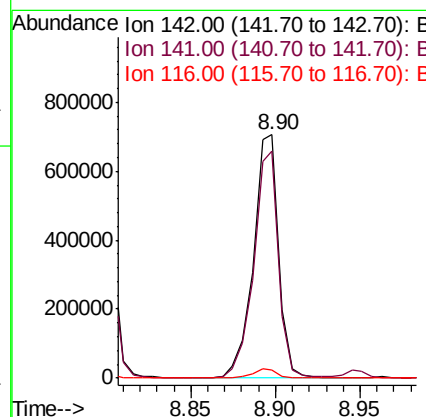
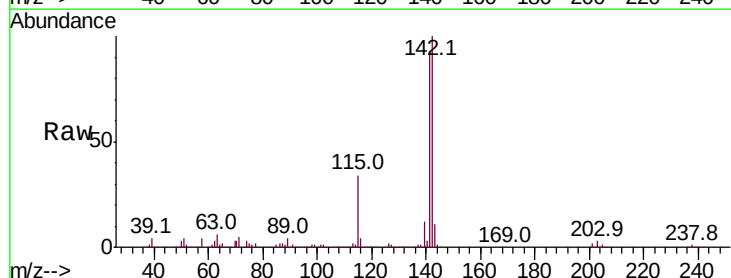
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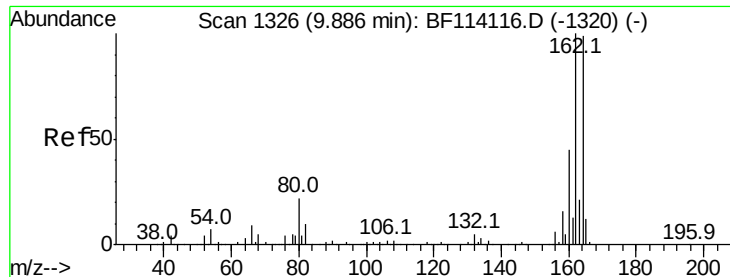
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#38
1-Methylnaphthalene
Concen: 47.379 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.4	110.0
116	3.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

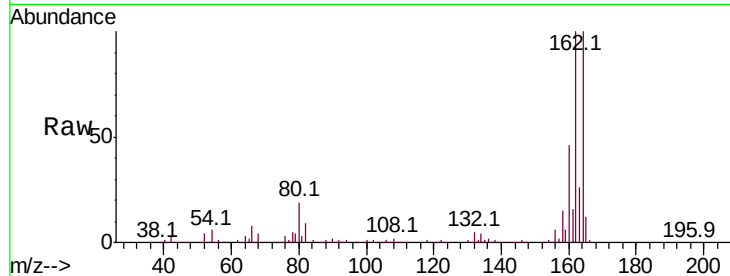
ClientSampleId :

PB120034BS

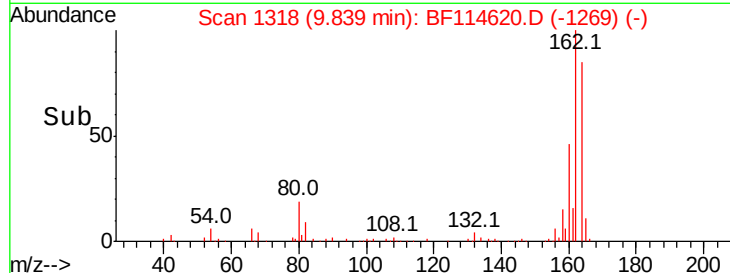
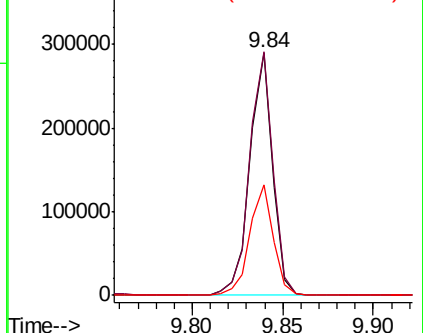
Tot Ion:	164	Resp:	254022
Ion Ratio	Lower	Upper	
164	100		
162	100.4	80.6	120.8
160	45.7	36.5	54.7

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.619 ng

RT: 8.97 min Scan# 1170

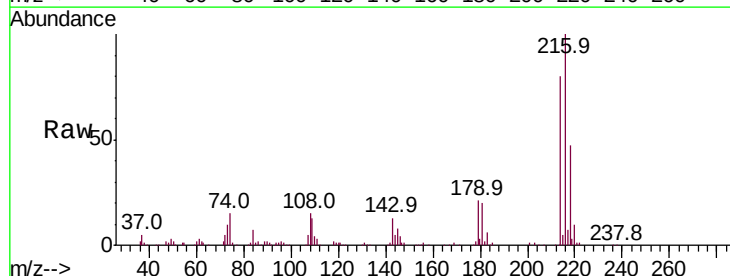
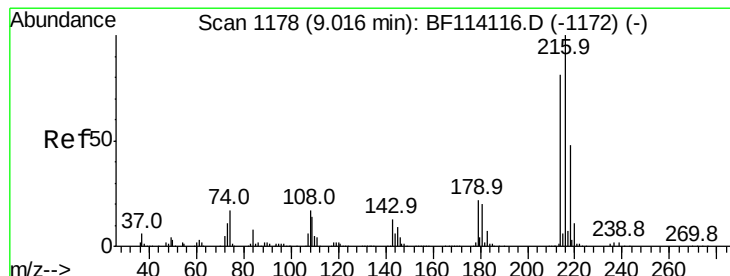
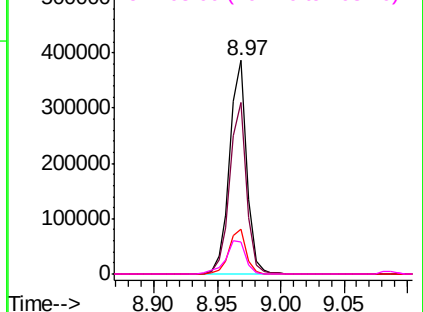
Delta R.T. -0.01 min

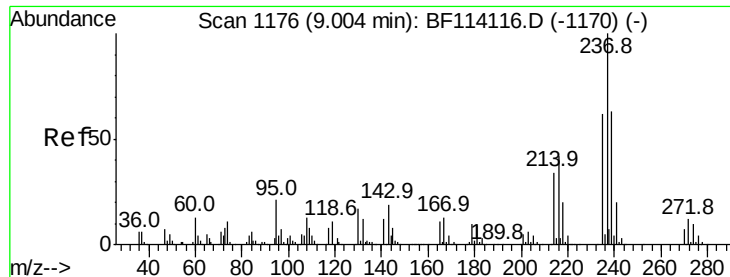
Lab File: BF114620.D

Acq: 25 May 2019 22:27

Tgt Ion:	216	Resp:	358724
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.9	95.9
179	20.9	17.0	25.6
108	18.5	14.8	22.2

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





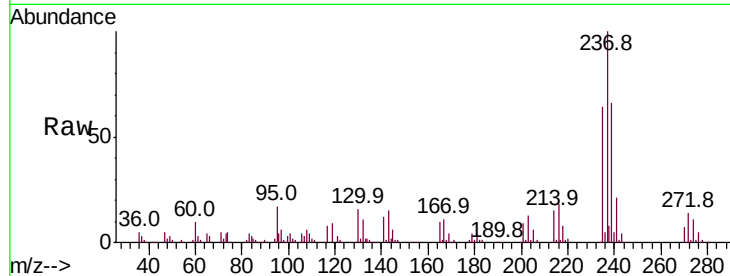
#41
Hexachlorocyclopentadiene
Concen: 44.200 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

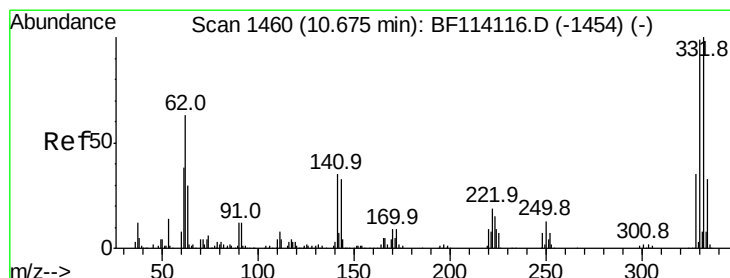
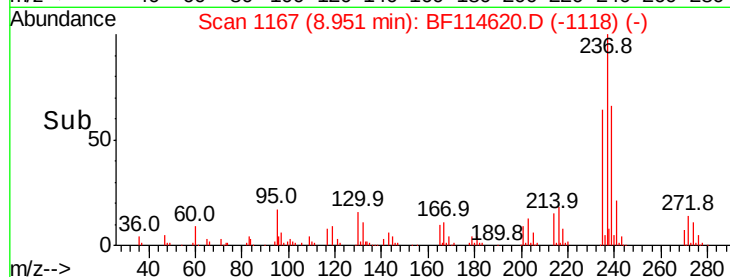
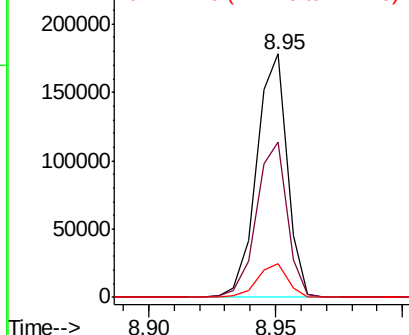
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.7	42.0	82.0	
272	13.6	0.0	32.4	

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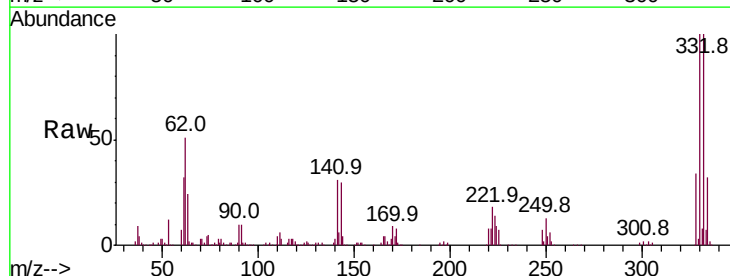


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

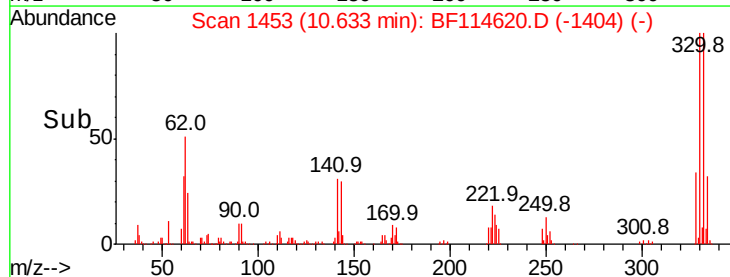
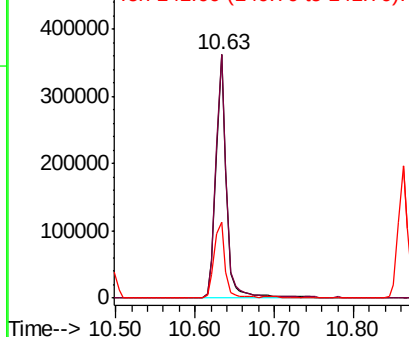


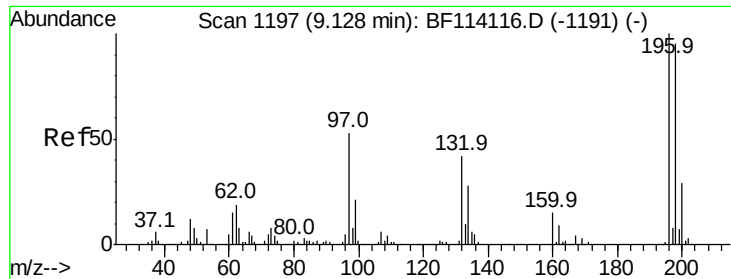
#42
2,4,6-Tribromophenol
Concen: 128.610 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	100.4	81.4	122.2	
141	32.8	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





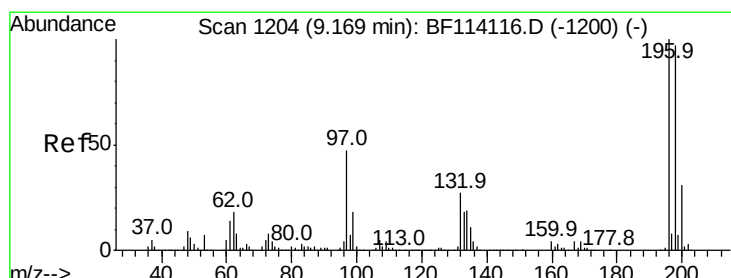
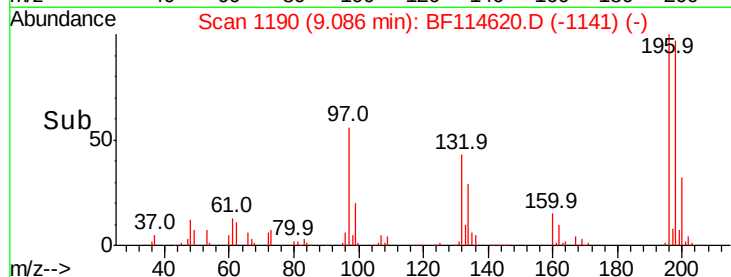
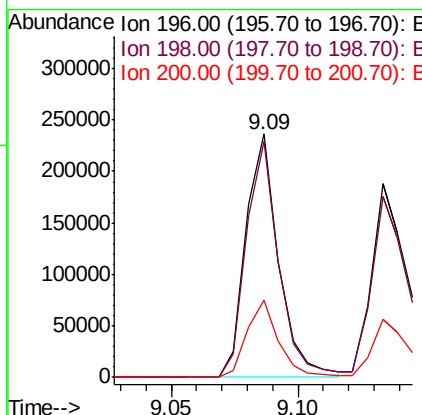
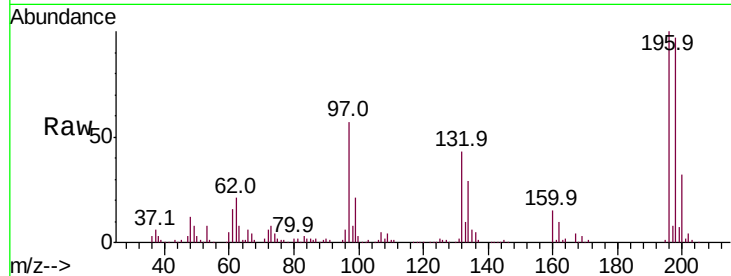
#43
 2,4,6-Trichlorophenol
 Concen: 40.335 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	213484		
198	96.9	75.9	113.9	
200	31.6	23.5	35.3	

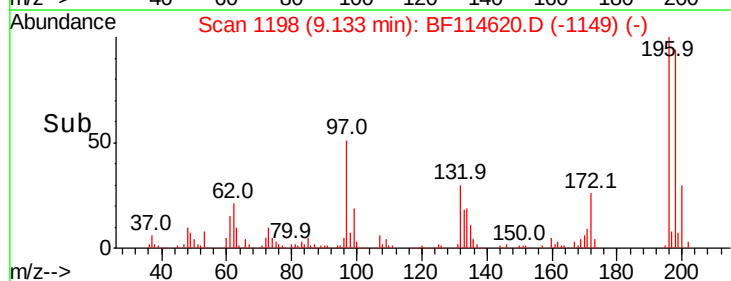
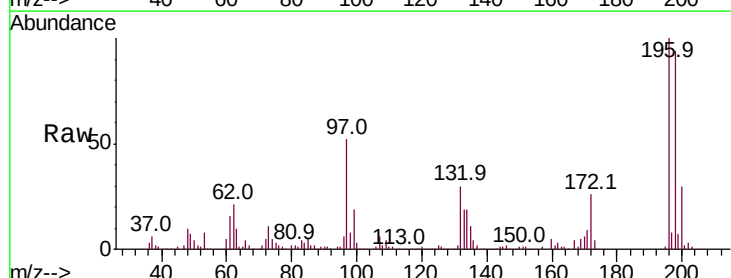
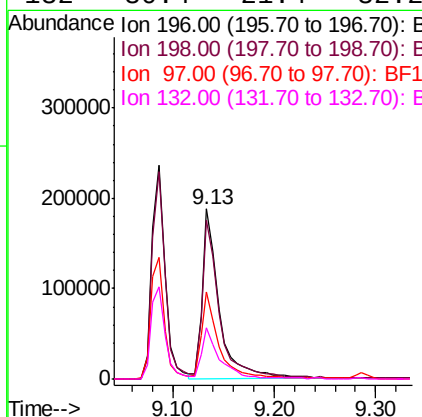
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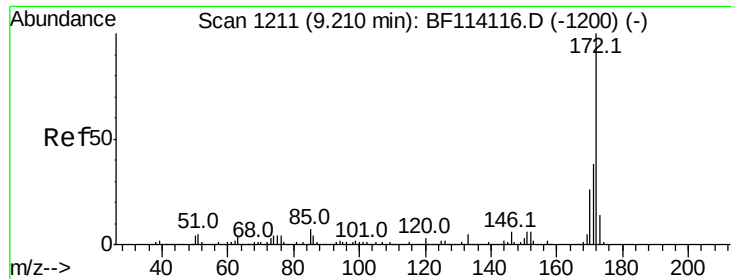
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.304 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218768		
198	93.6	77.7	116.5	
97	51.5	38.2	57.2	
132	30.4	21.4	32.2	





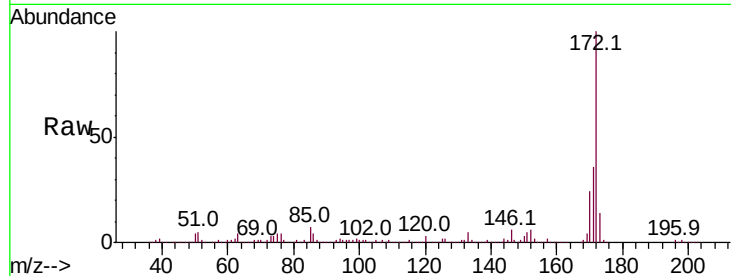
#45
2-Fluorobiphenyl
Concen: 92.557 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.7	46.1
170	24.1	20.5	30.7

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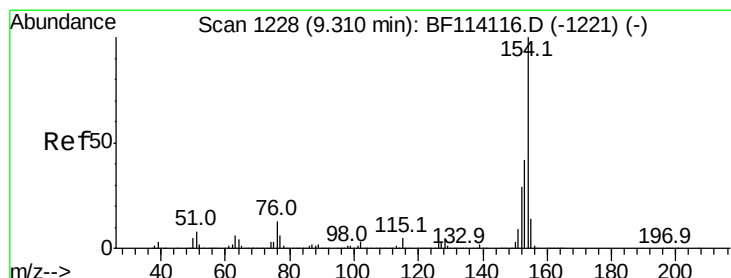
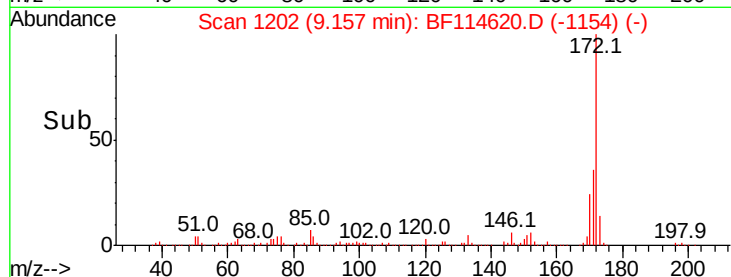
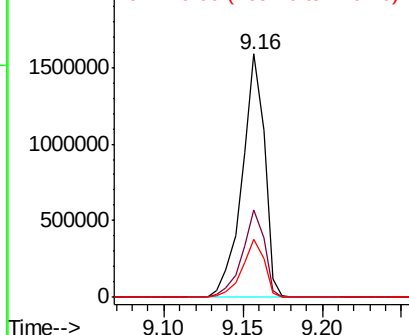


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.002 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

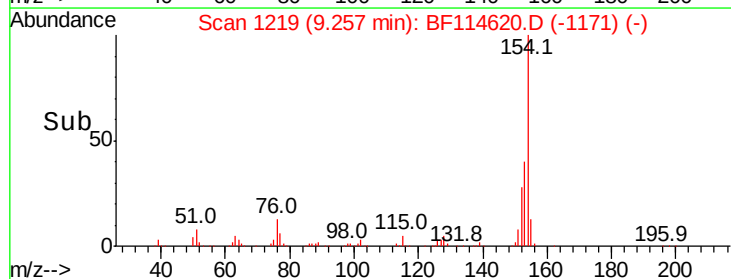
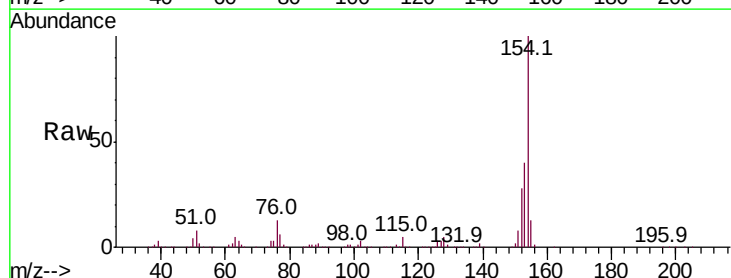
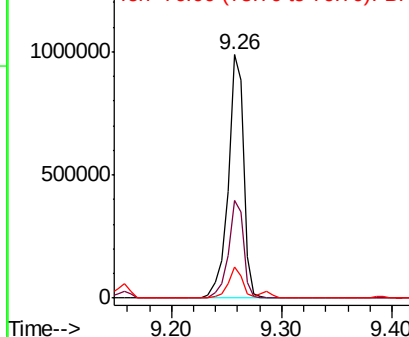
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.9	61.9
76	12.6	0.0	32.8

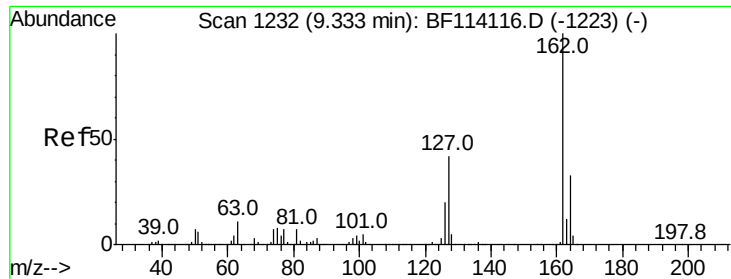
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





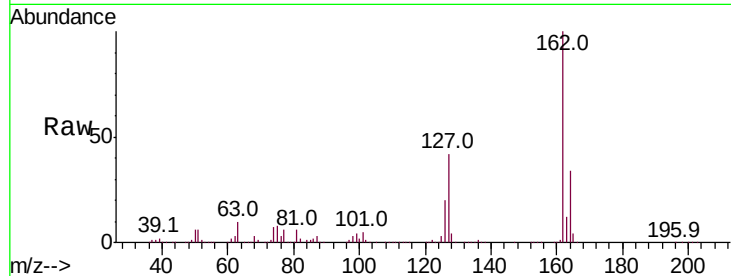
#47
 2-Chloronaphthalene
 Concen: 43.375 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

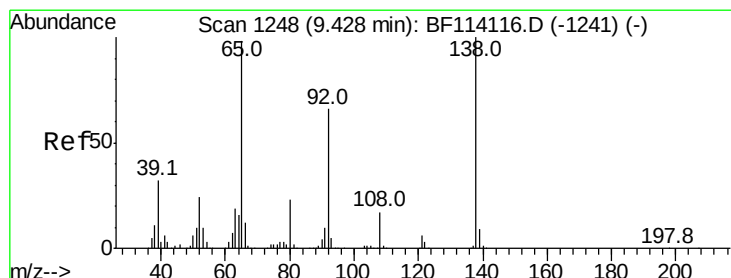
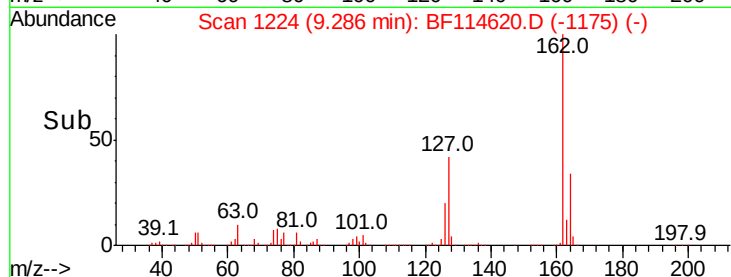
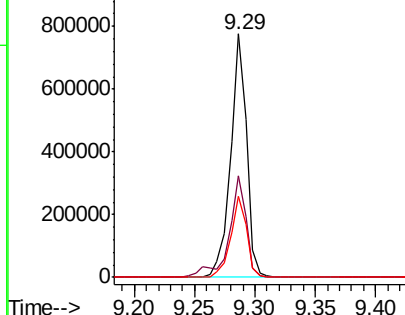
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.5	34.0	51.0	
164	33.5	26.7	40.1	

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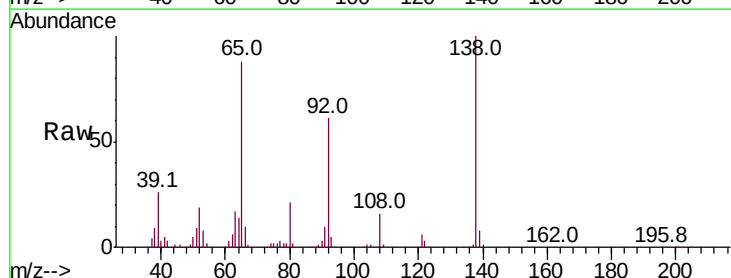


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

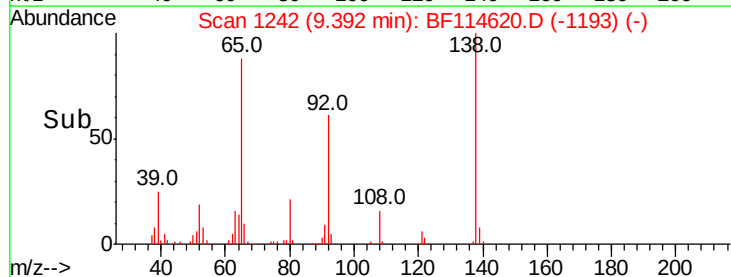
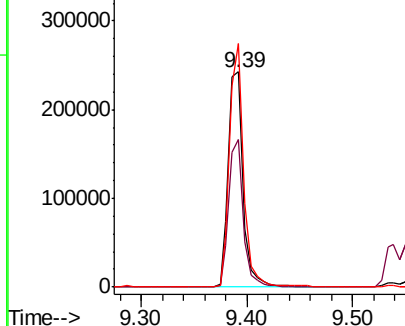


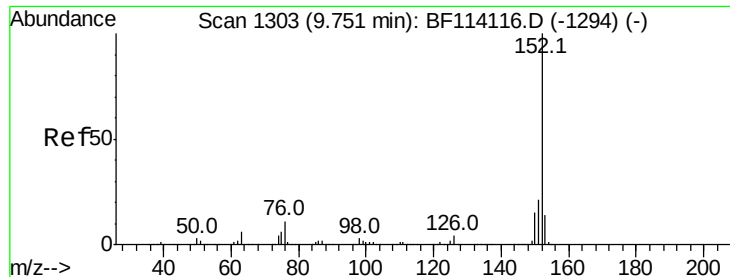
#48
 2-Nitroaniline
 Concen: 40.516 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.7	53.9	80.9	
138	113.3	81.4	122.0	



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





#49

Acenaphthylene

Concen: 45.142 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

Tot Ion:152 Resp: 1133920

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

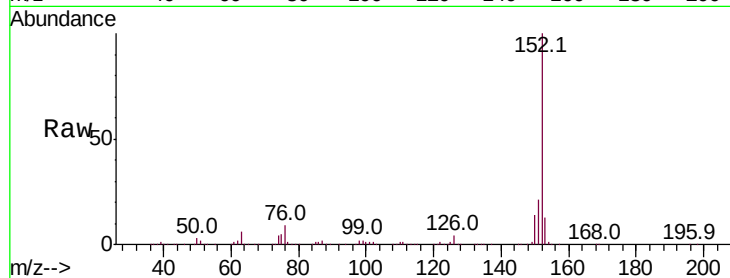
153 13.2 11.4 17.2

Manual Integrations

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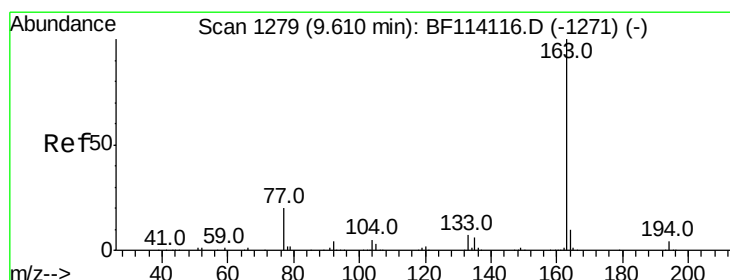
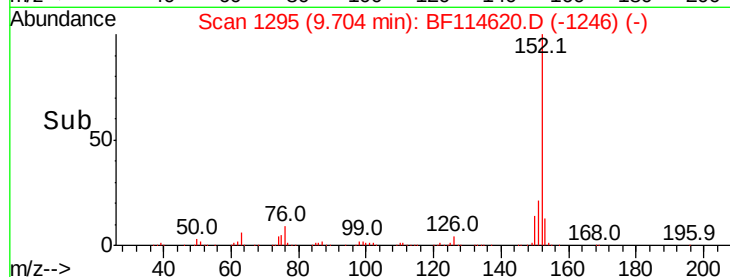
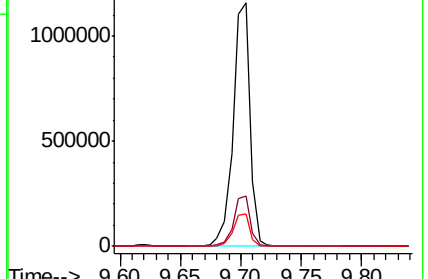
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.687 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Tgt Ion:163 Resp: 796013

Ion Ratio Lower Upper

163 100

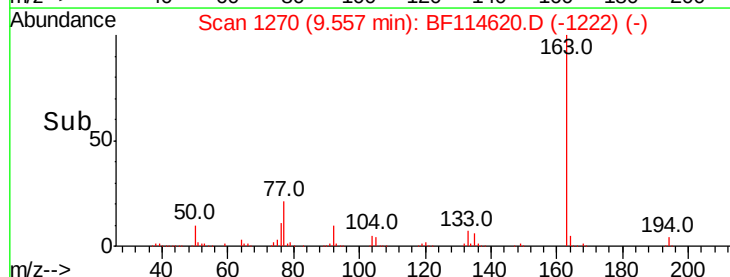
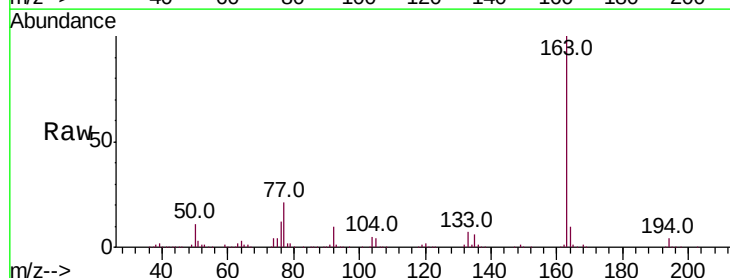
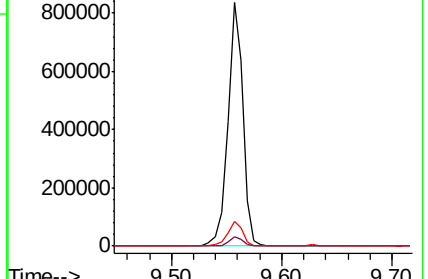
194 3.7 3.4 5.0

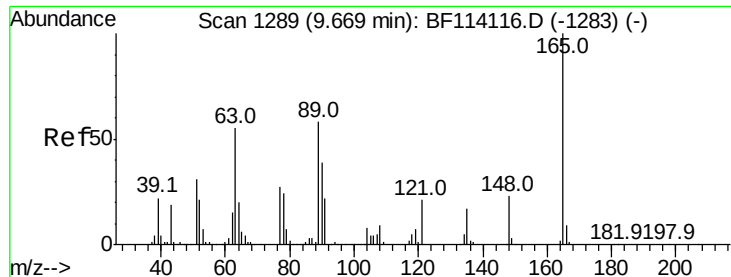
164 10.3 8.2 12.2

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





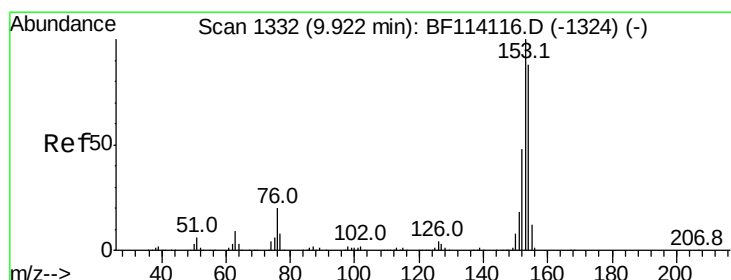
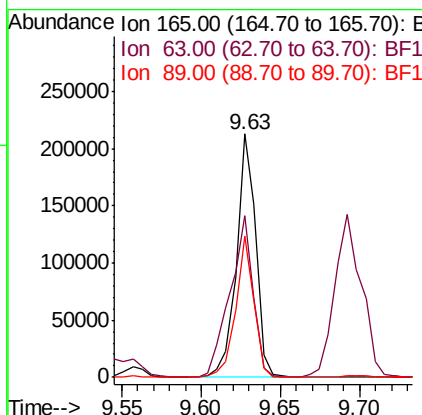
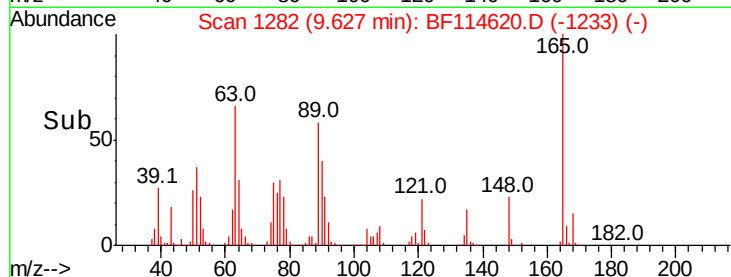
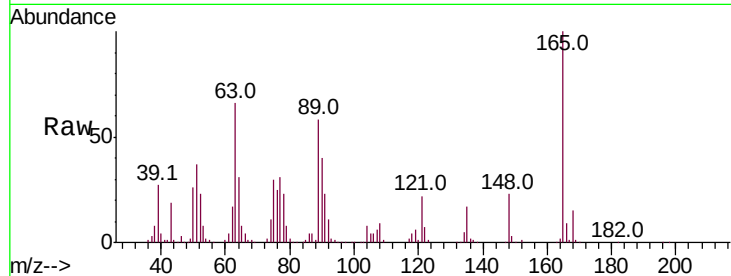
#51
 2,6-Dinitrotoluene
 Concen: 43.242 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	178851		
63	66.3	50.2	75.4	
89	57.9	46.6	69.8	

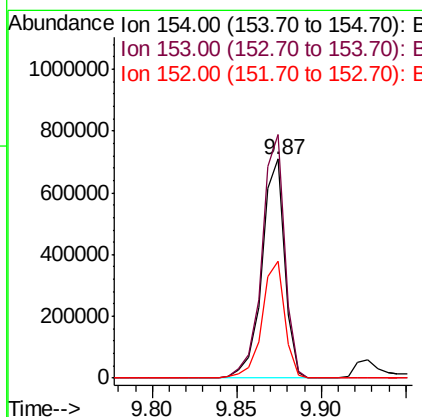
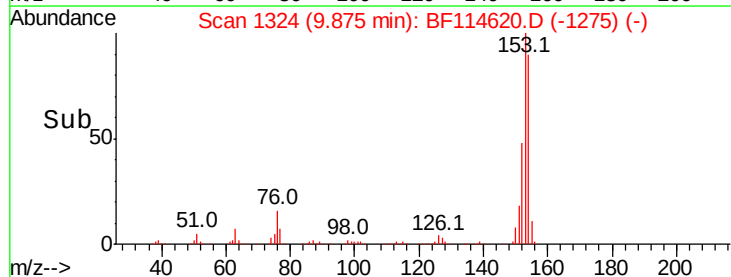
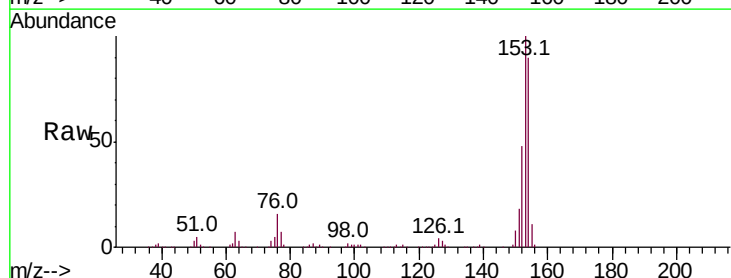
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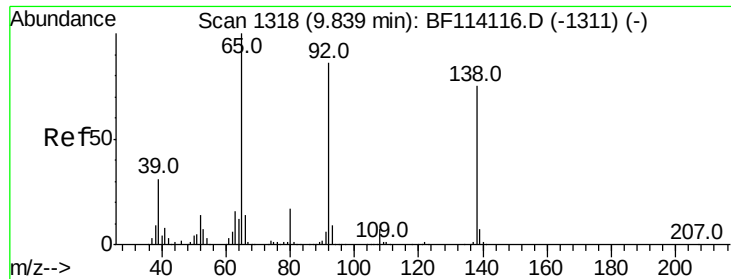
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#52
 Acenaphthene
 Concen: 43.069 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	663872		
153	111.1	90.5	135.7	
152	53.4	43.4	65.2	





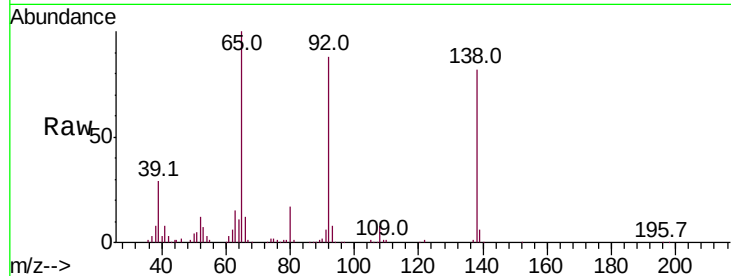
#53
3-Nitroaniline
Concen: 27.008 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.6
92	106.7	91.2	136.8

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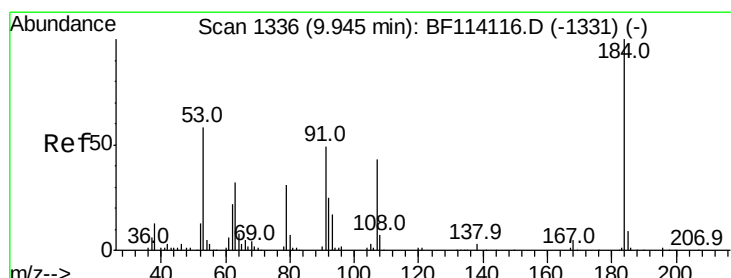
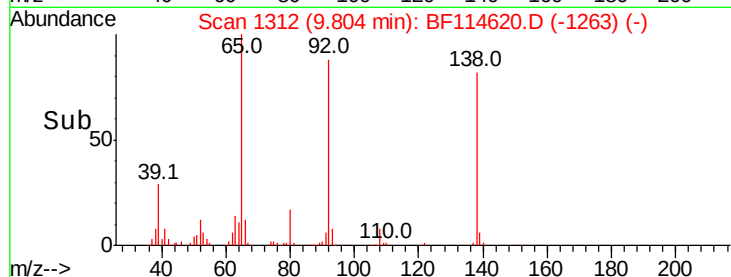
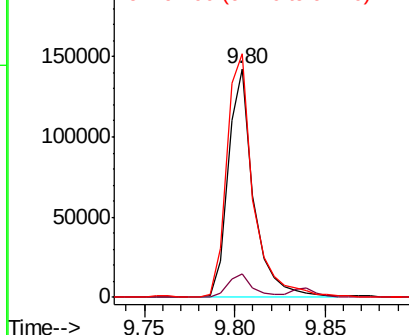


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 65.649 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

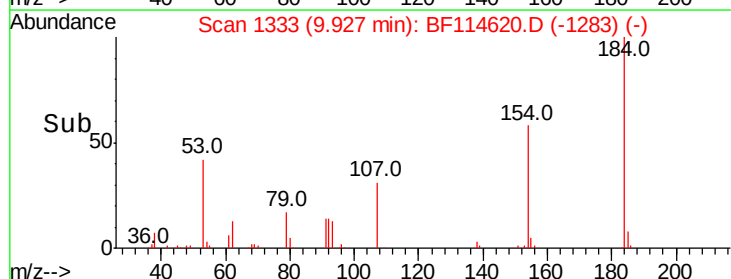
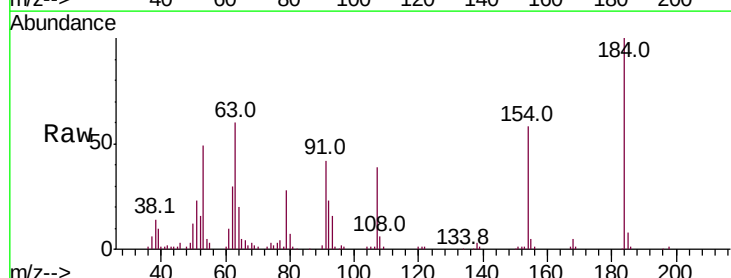
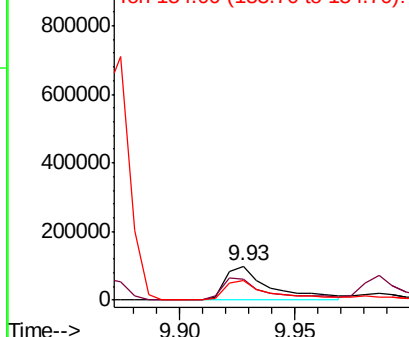
Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.3	55.6	83.4
154	58.0	46.0	69.0

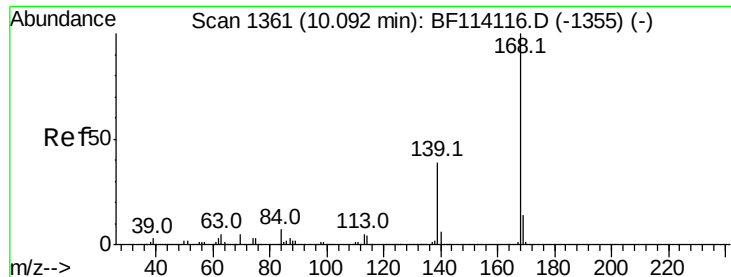
Abundance

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





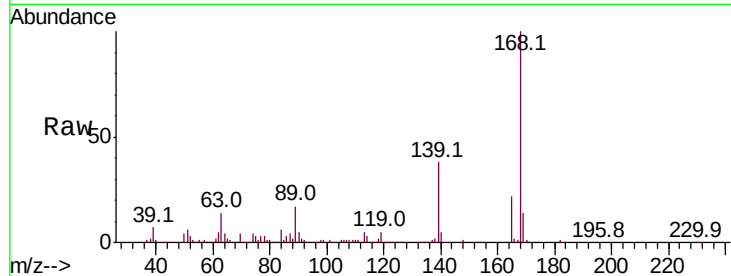
#55
Dibenzofuran
Concen: 42.474 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.4	31.1	46.7	
169	14.0	11.4	17.0	

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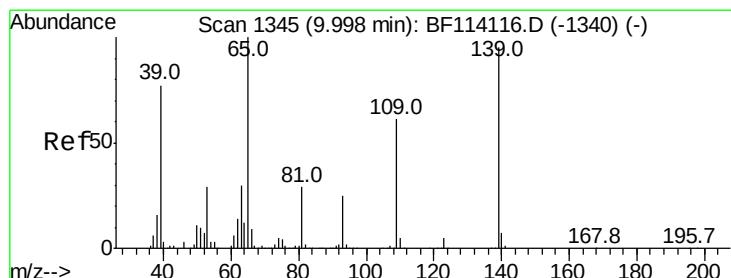
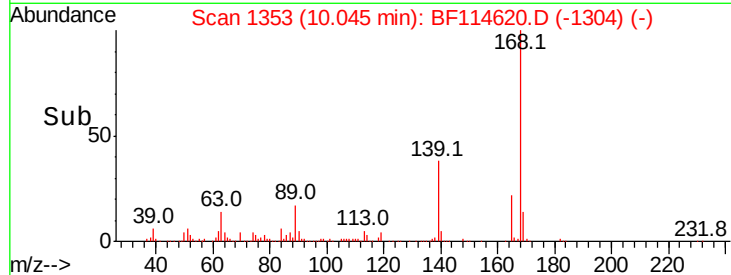
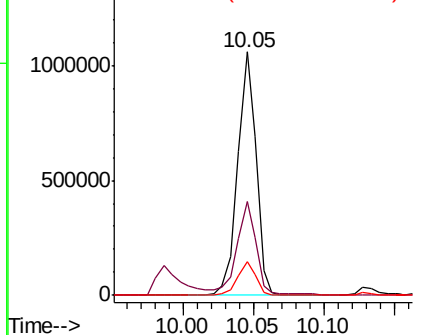


Abundance

Ion 168.00 (167.70 to 168.70): E

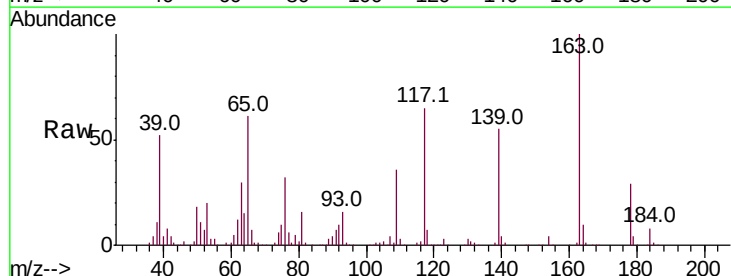
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 47.207 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.2	43.9	83.9	
65	111.3	85.7	125.7	

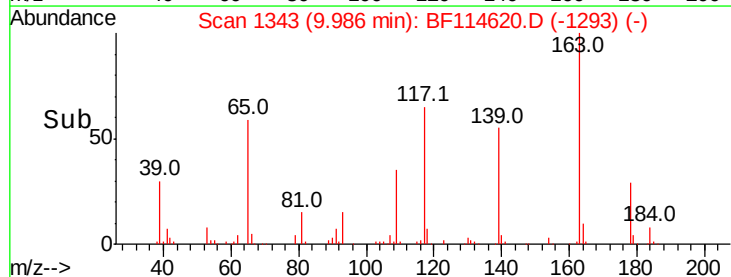
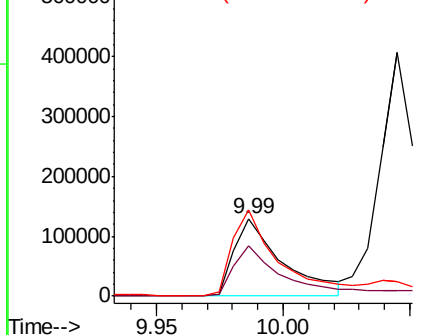


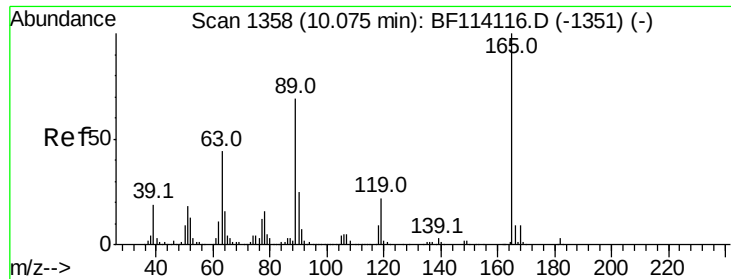
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 39.481 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

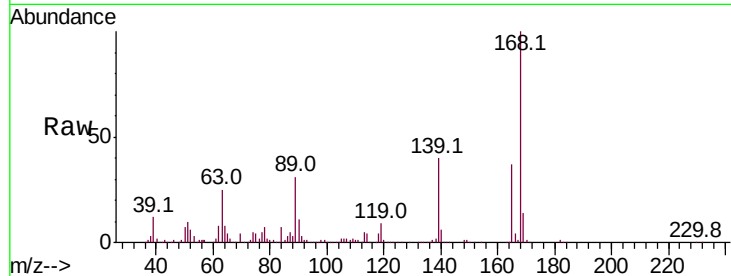
ClientSampleId :

PB120034BS

Tot Ion:	165	Resp:	221641
Ion Ratio	Lower	Upper	
165	100		
63	67.5	35.5	53.3#
89	84.0	55.2	82.8#
182	2.6	2.2	3.2

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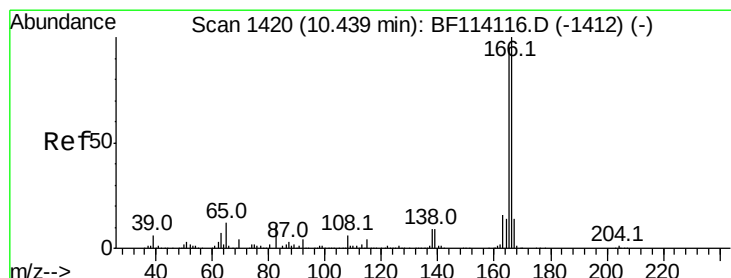
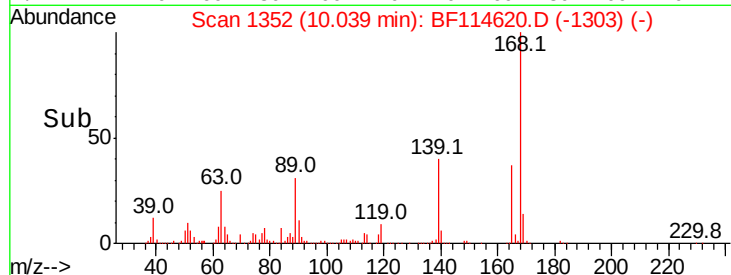
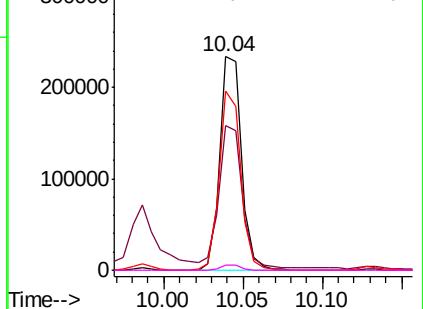


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.002 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114620.D

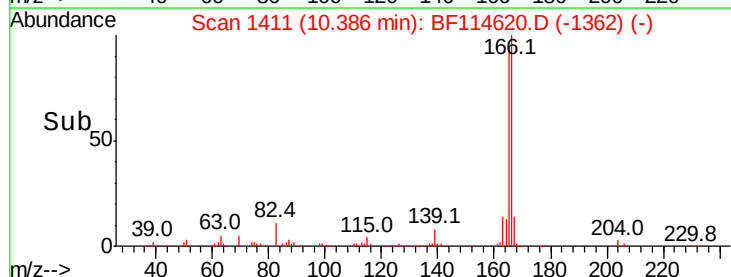
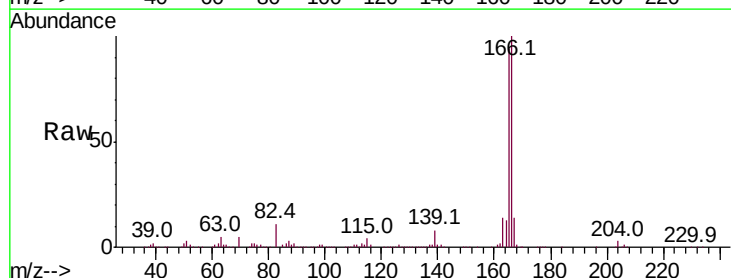
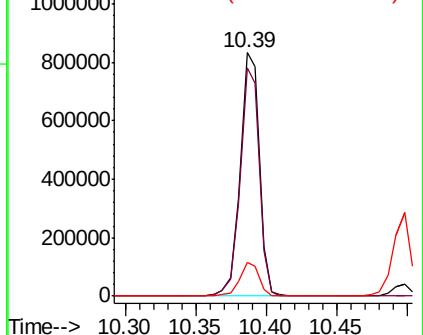
Acq: 25 May 2019 22:27

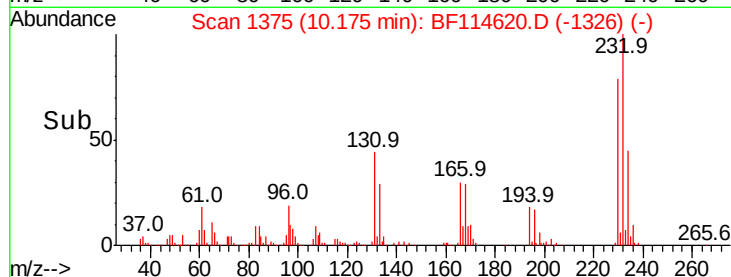
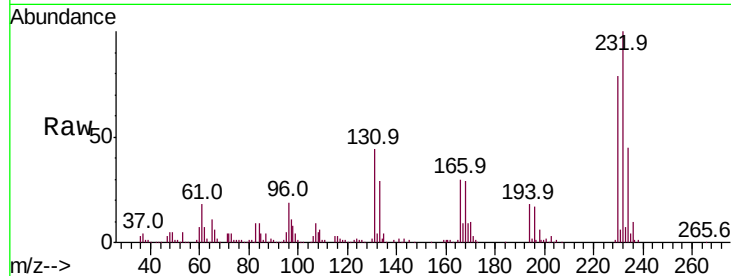
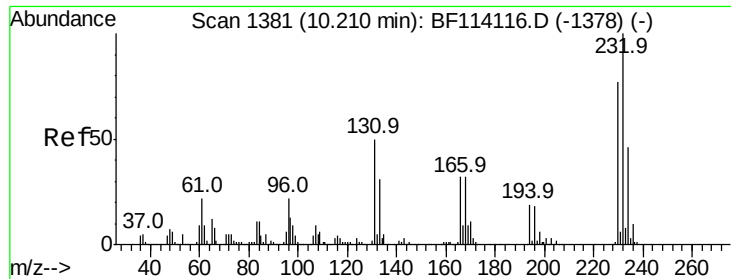
Tgt Ion:	166	Resp:	785676
Ion Ratio	Lower	Upper	
166	100		
165	93.8	76.1	114.1
167	13.9	11.1	16.7

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





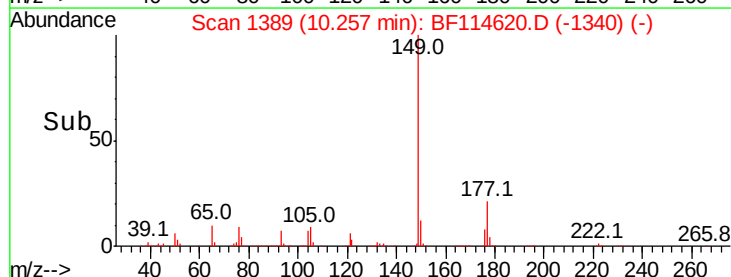
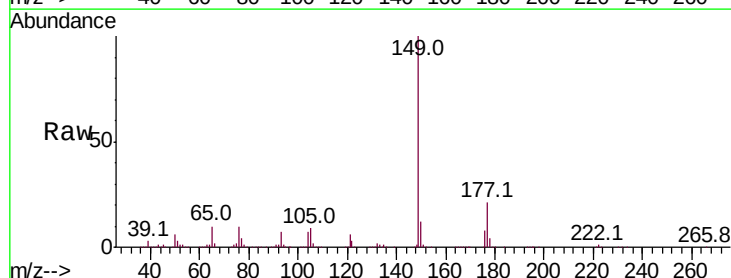
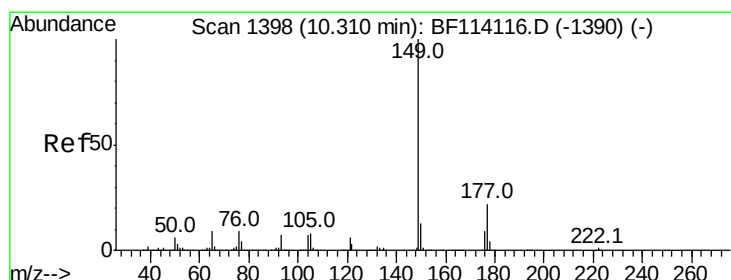
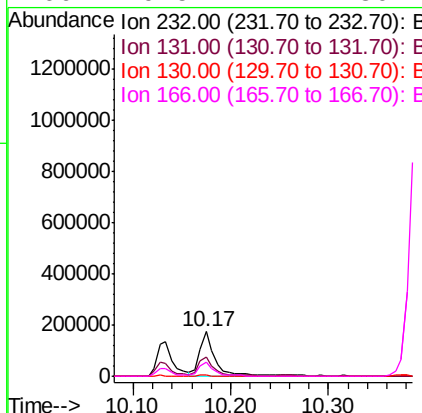
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.132 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	187955		
131	42.6	35.6	53.4	
130	2.2	1.6	2.4	
166	29.5	24.1	36.1	

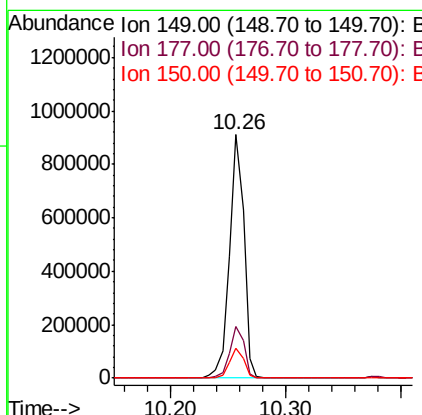
Manual Integrations
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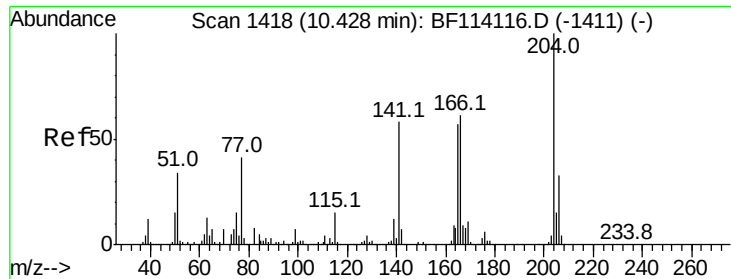
mohammad
5/27/2019 3:50:28 AM



#60
Diethylphthalate
Concen: 41.631 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	788793		
177	21.1	17.8	26.6	
150	12.4	10.2	15.2	





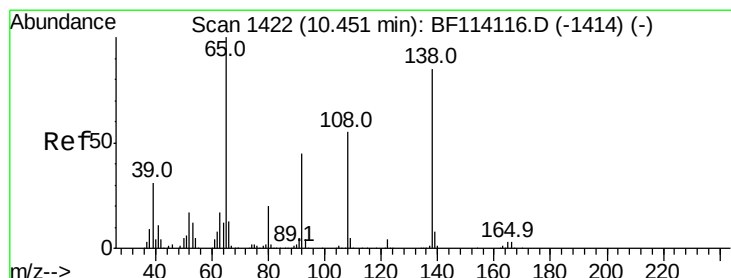
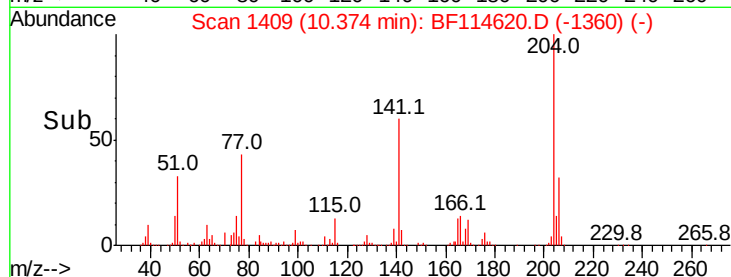
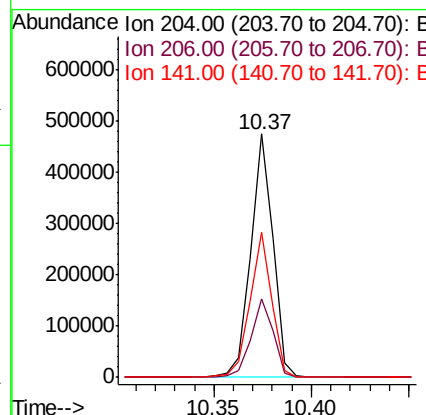
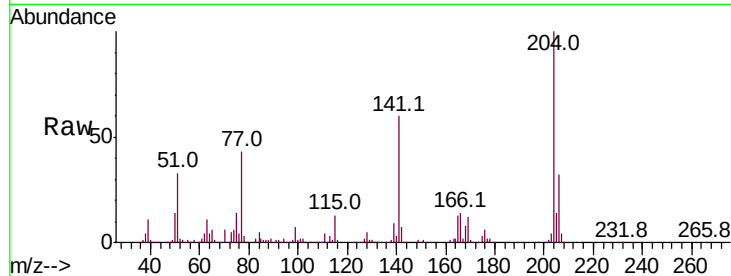
#61
4-Chlorophenyl-phenylether
Concen: 43.682 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	59.7	46.4	69.6

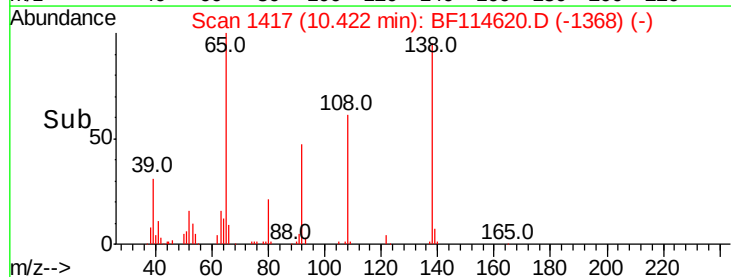
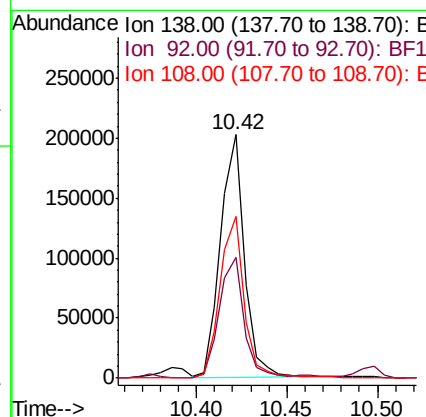
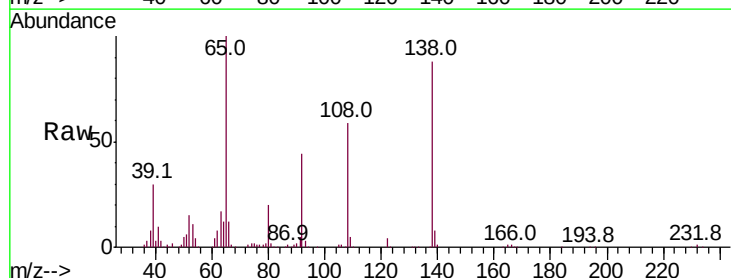
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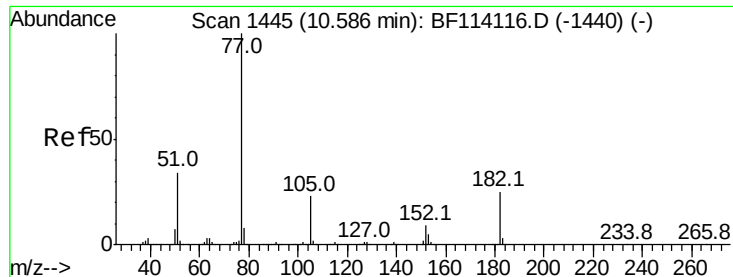
mohammad
5/27/2019 3:50:28 AM



#62
4-Nitroaniline
Concen: 34.399 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	33.0	73.0
108	66.4	44.9	84.9





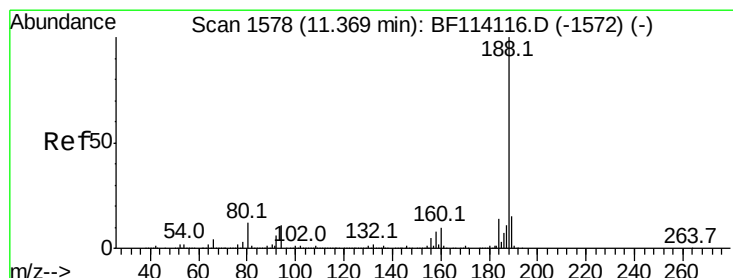
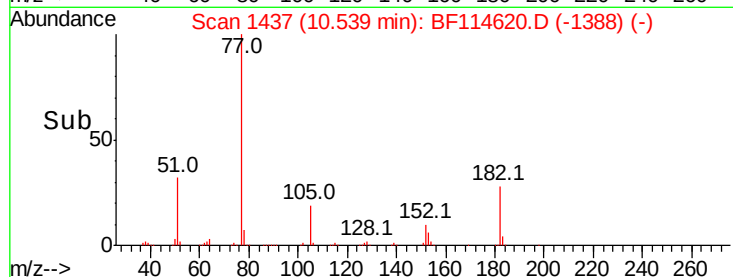
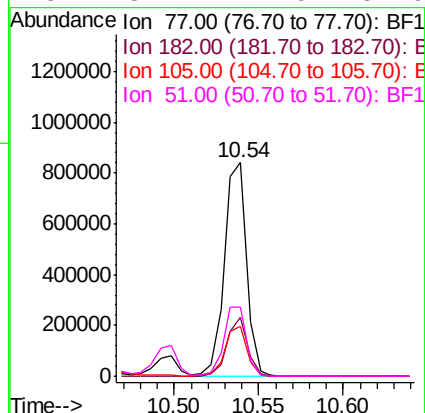
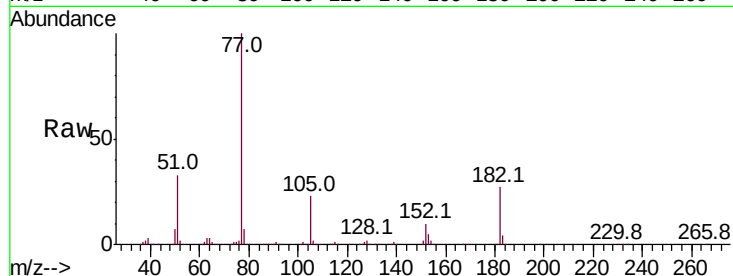
#63
Azobenzene
Concen: 42.000 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	4.7	44.7
105	23.4	2.9	42.9
51	32.7	14.6	54.6

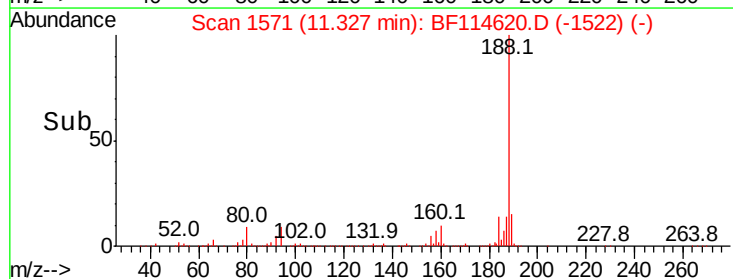
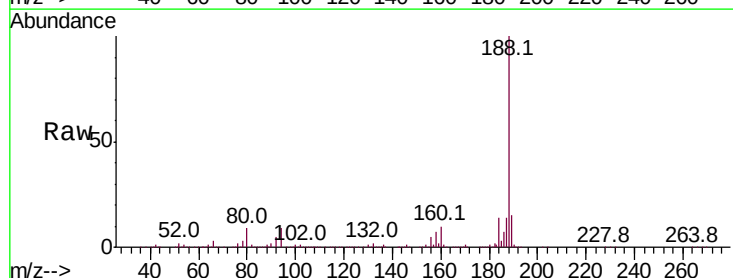
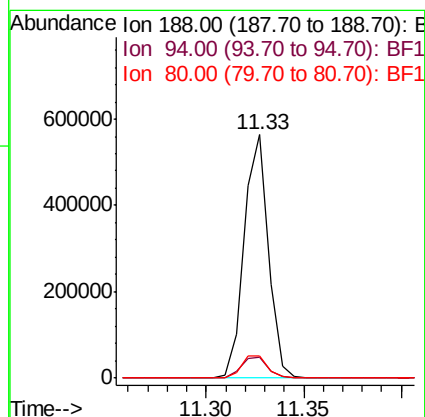
Manual Integrations
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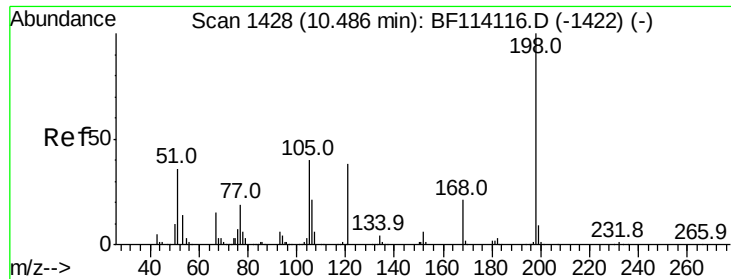
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.4	12.6
80	9.2	9.2	13.8





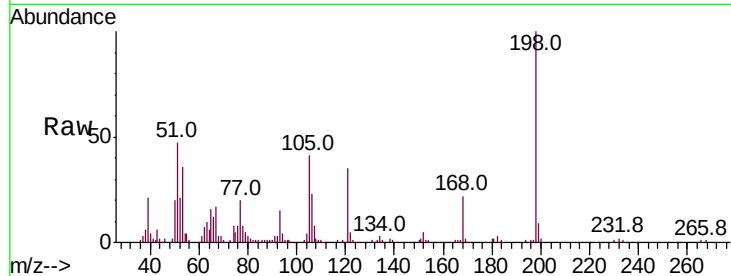
#65
4,6-Dinitro-2-methylphenol
Concen: 41.832 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

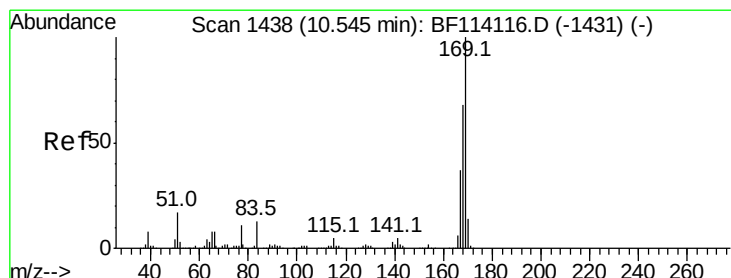
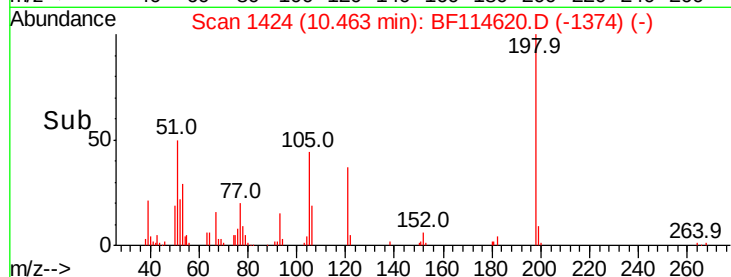
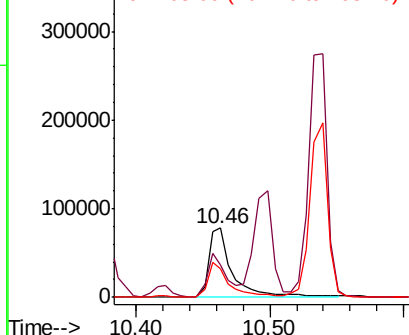
Tot Ion	Ratio	Resp	Lower	Upper
198	100	97227		
51	47.2	28.0	68.0	
105	40.5	21.1	61.1	

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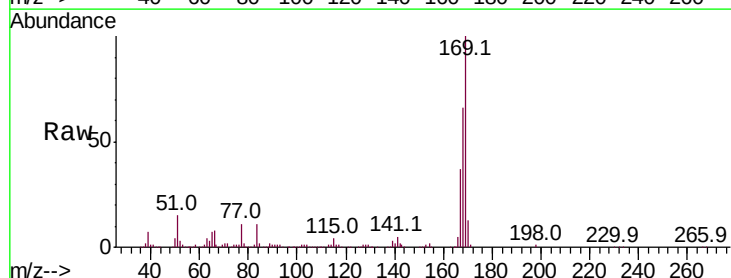


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

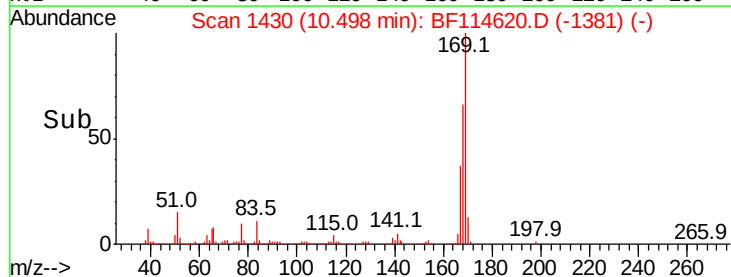
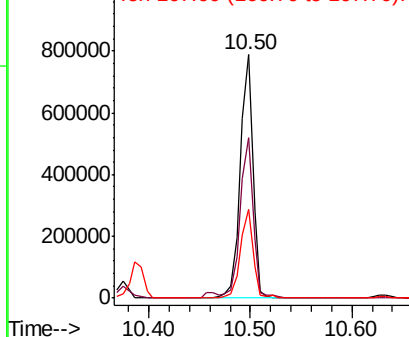


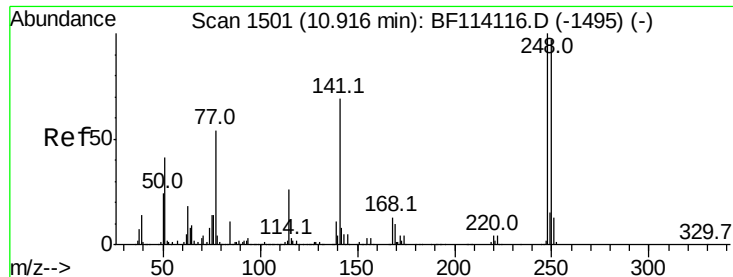
#66
n-Nitrosodiphenylamine
Concen: 46.731 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	686021		
168	66.0	54.2	81.2	
167	36.5	29.8	44.8	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





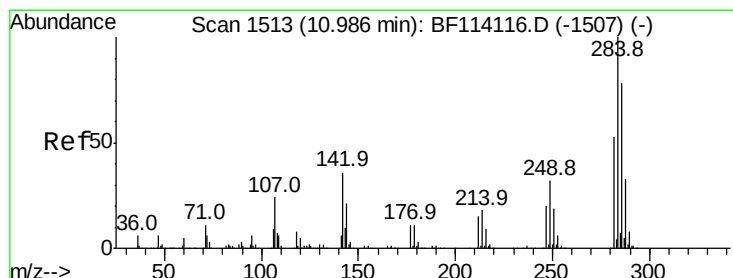
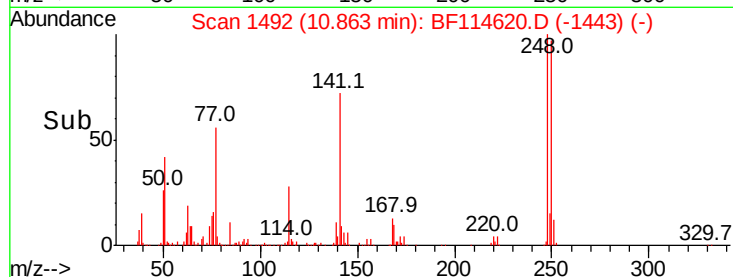
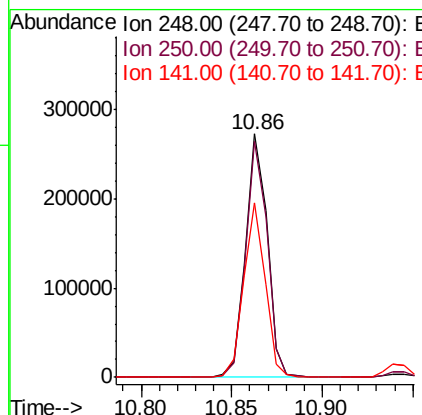
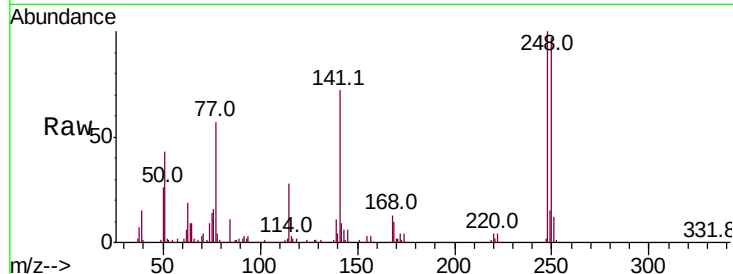
#67
4-Bromophenyl-phenylether
Concen: 42.792 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	227898		
250	97.0		77.4	116.2
141	71.9		55.6	83.4

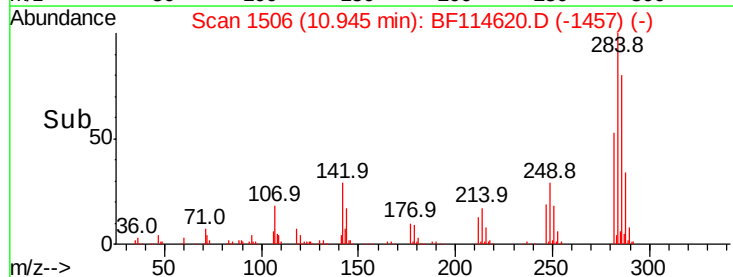
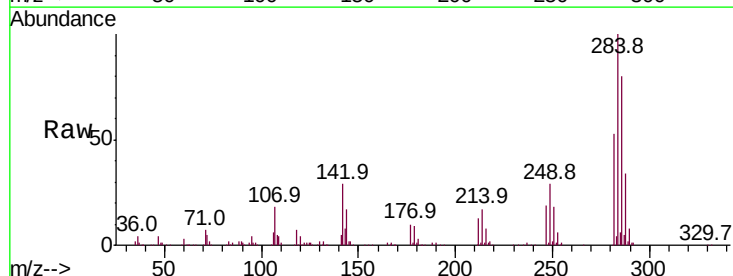
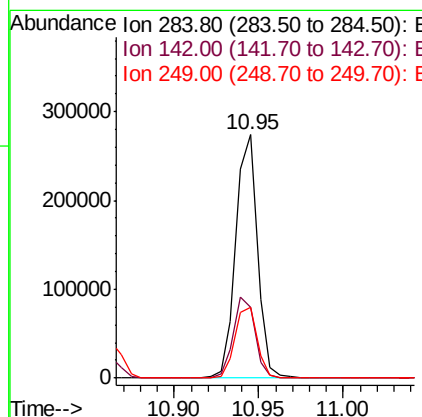
Manual Integrations
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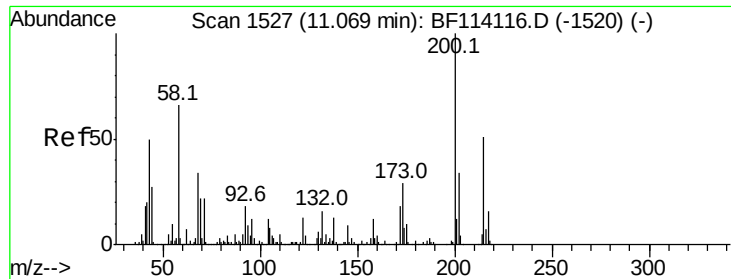
mohammad
5/27/2019 3:50:28 AM



#68
Hexachlorobenzene
Concen: 41.336 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	243539		
142	29.1		28.4	42.6
249	29.2		25.2	37.8





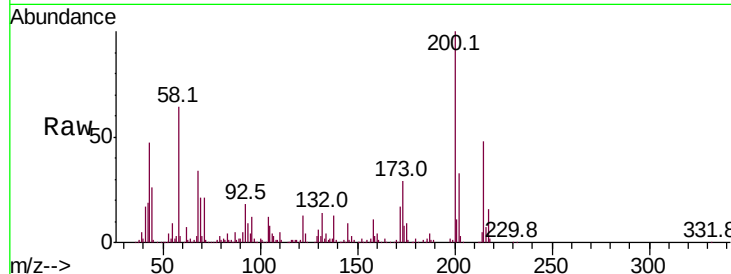
#69
Atrazine
Concen: 43.678 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.3	8.9	48.9
215	47.7	30.7	70.7

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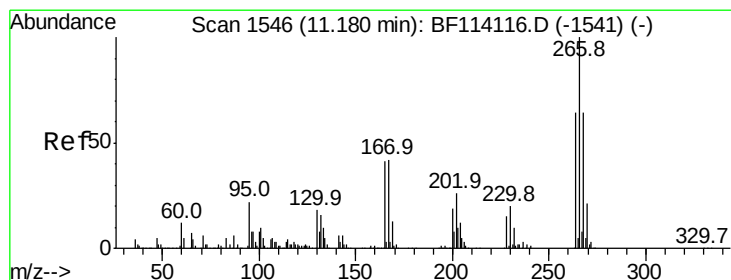
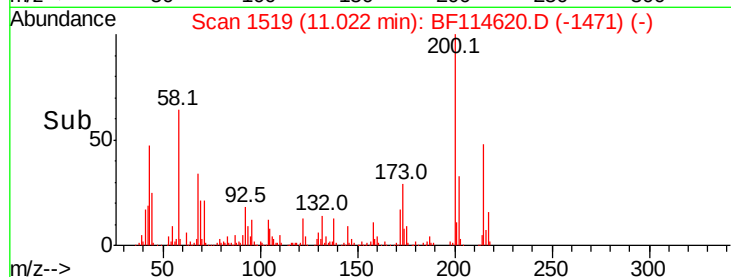
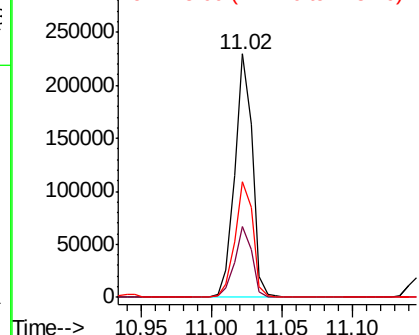


Abundance

Ion 200.00 (199.70 to 200.70): E

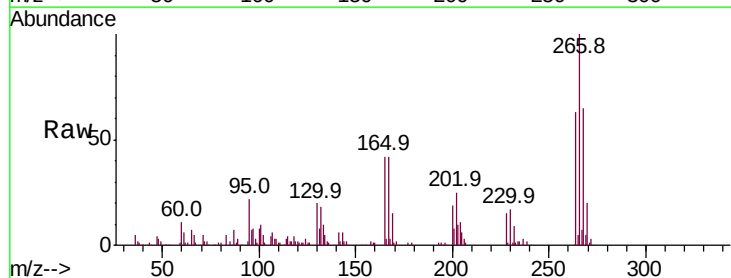
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 52.922 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.8	51.1	76.7
264	63.4	51.1	76.7

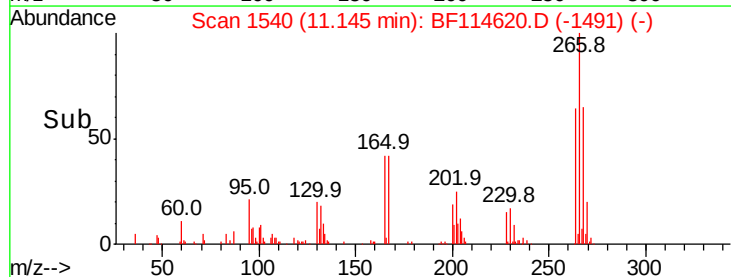
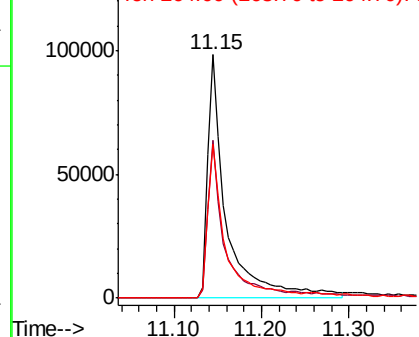


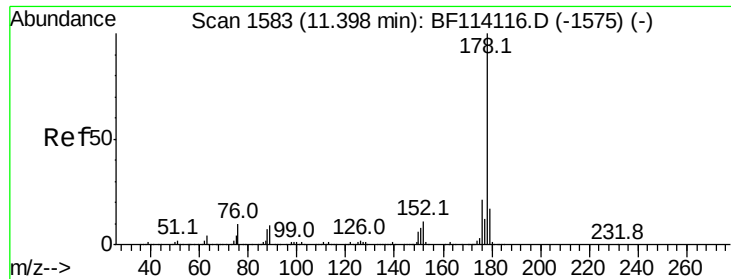
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





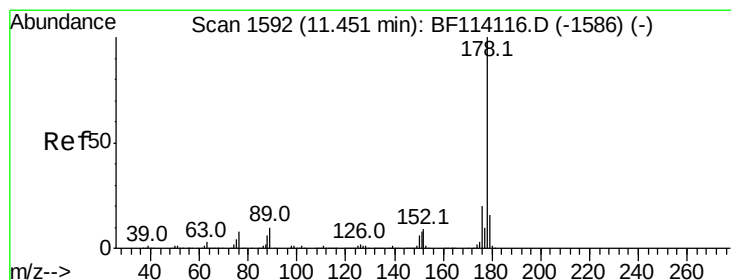
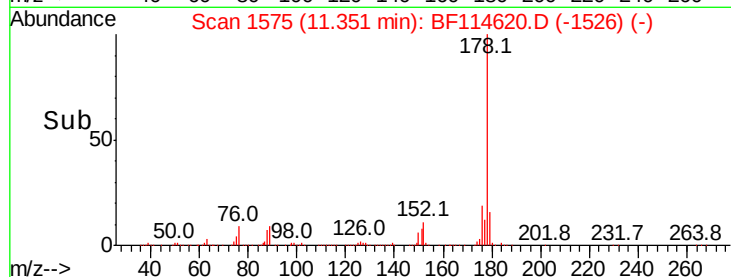
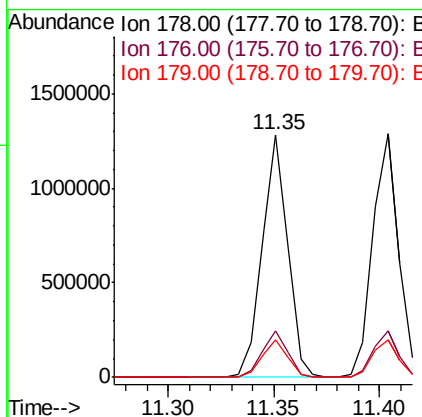
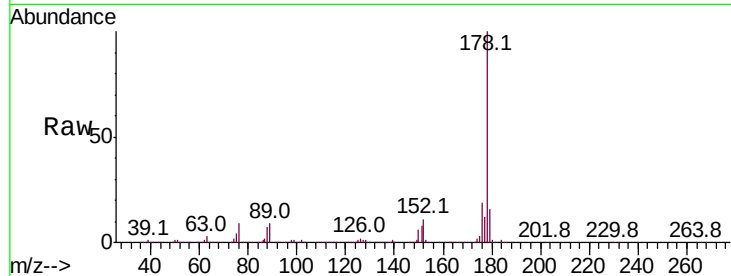
#71
Phenanthrene
Concen: 46.039 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	15.7	13.2	19.8

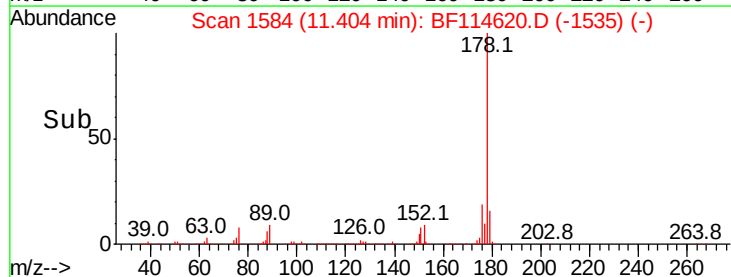
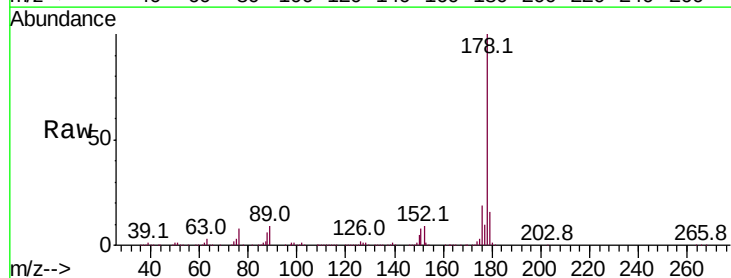
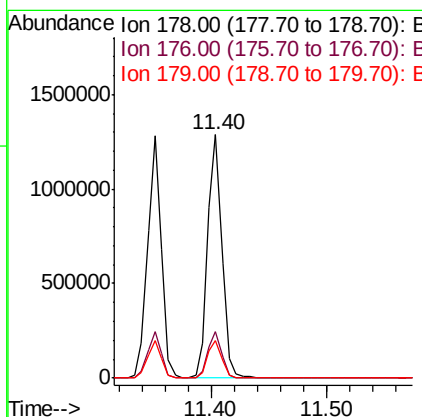
Manual Integrations
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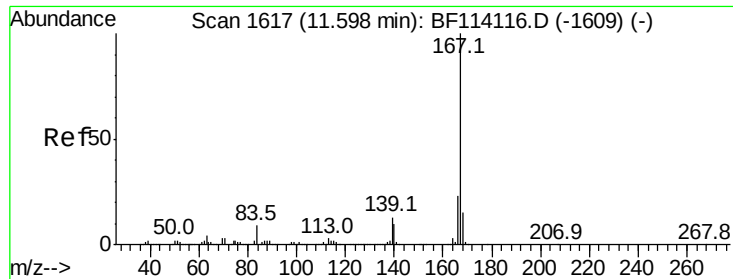
mohammad
5/27/2019 3:50:28 AM



#72
Anthracene
Concen: 47.272 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.7	13.0	19.4





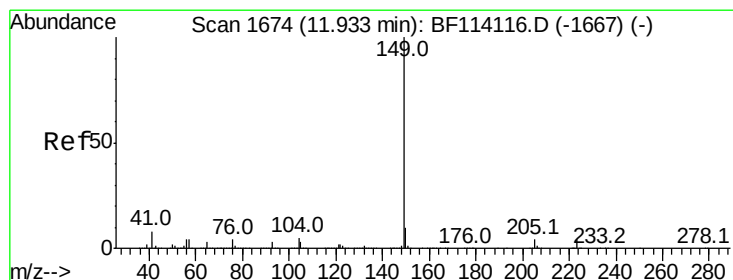
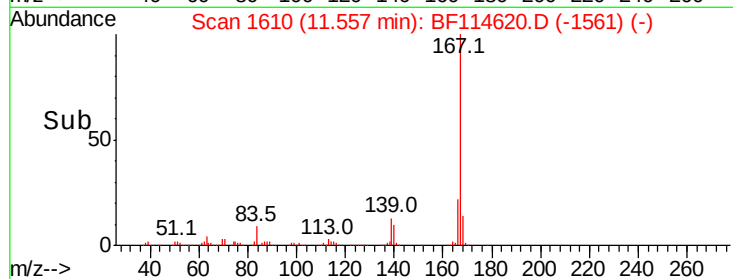
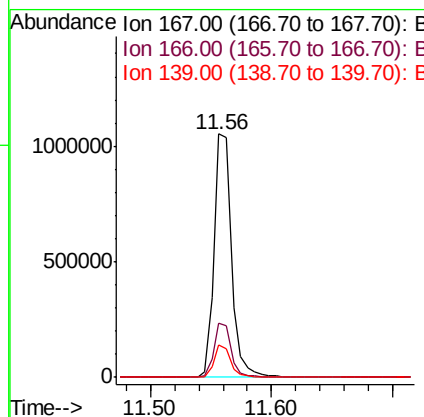
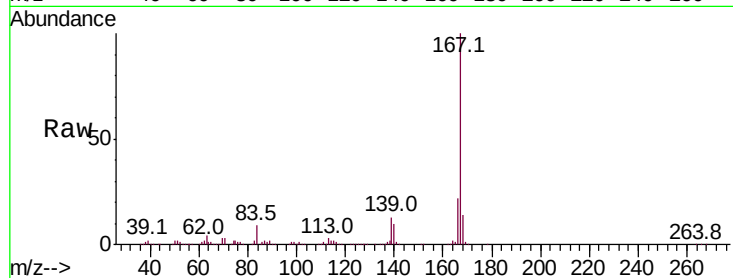
#73
 Carbazole
 Concen: 46.260 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampled :
 PB120034BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	13.3	10.6	16.0

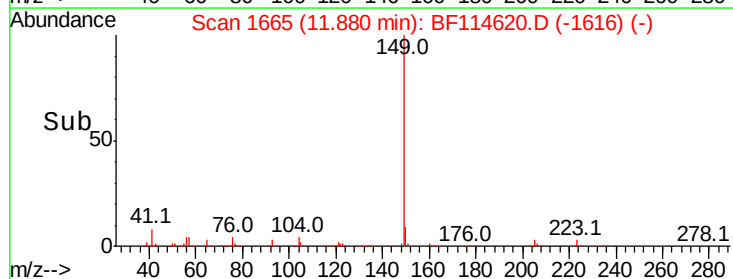
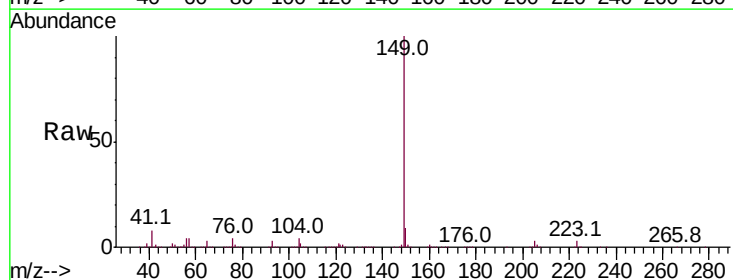
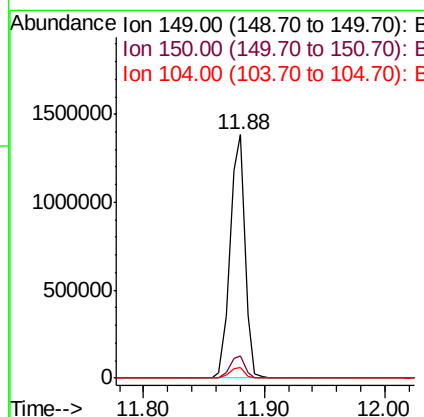
Manual Integrations
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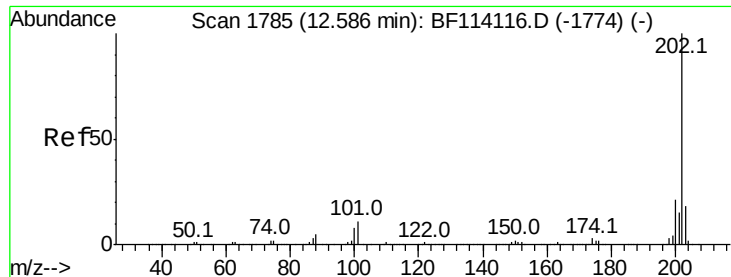
mohammad
 5/27/2019 3:50:28 AM



#74
 Di-n-butylphthalate
 Concen: 45.691 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.4	3.6	5.4





#75

Fluoranthene

Concen: 45.847 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

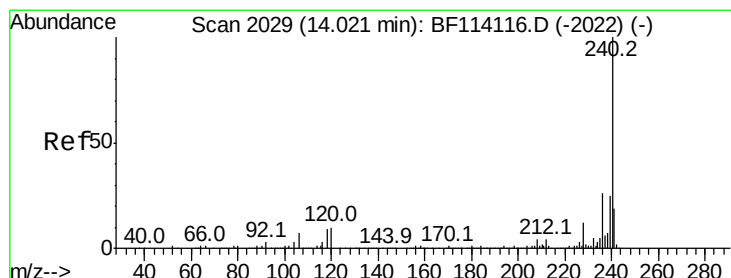
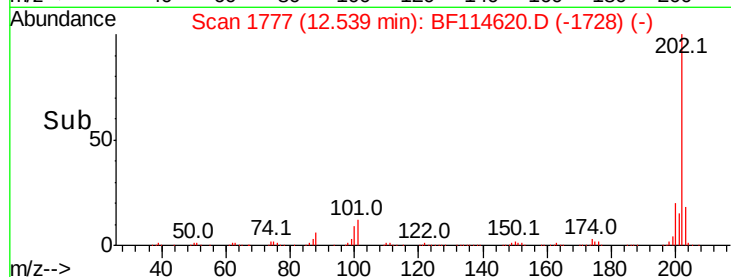
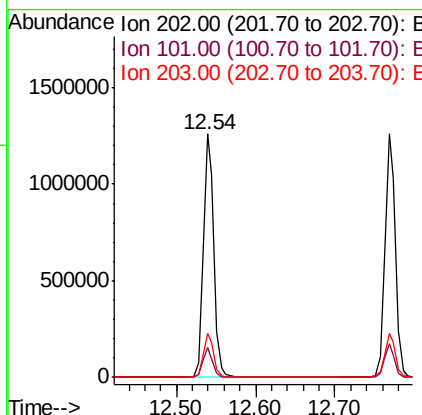
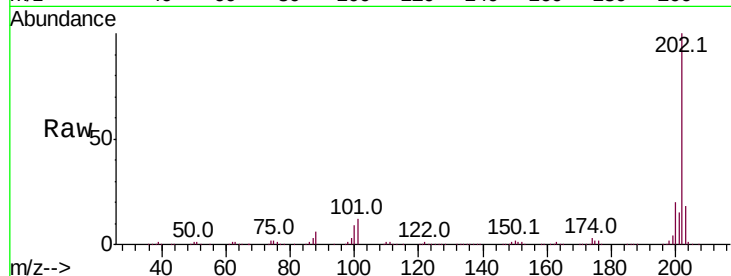
ClientSampleId :

PB120034BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1161825		
101	12.1	0.0	31.0	
203	17.9	0.0	38.4	

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#76

Chrysene-d12

Concen: 20.000 ng

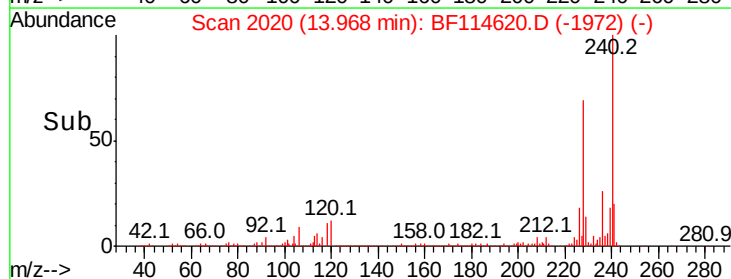
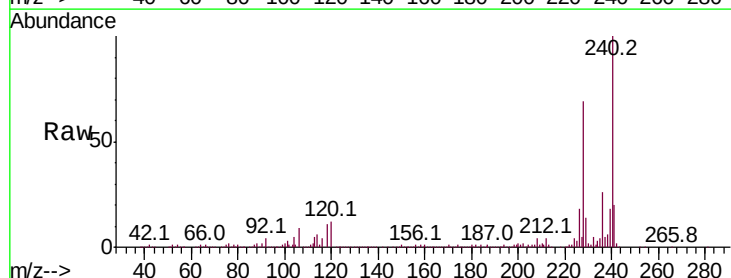
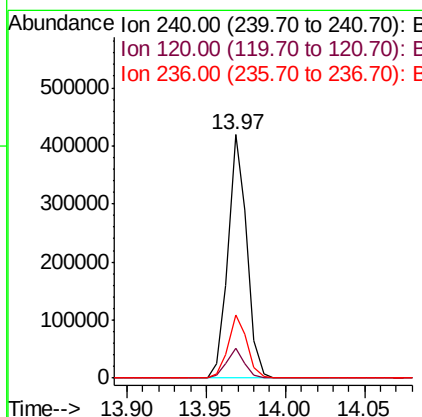
RT: 13.97 min Scan# 2020

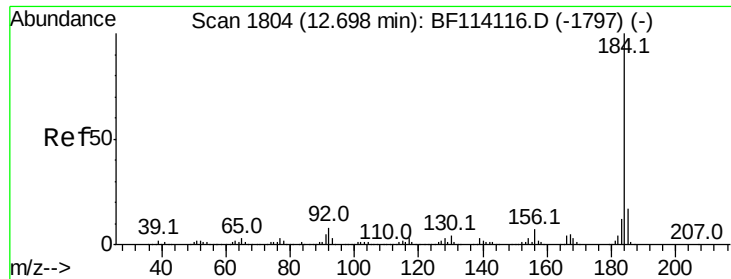
Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	342146		
120	12.2	8.3	12.5	
236	25.8	20.8	31.2	





#77

Benzidine

Concen: 36.894 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

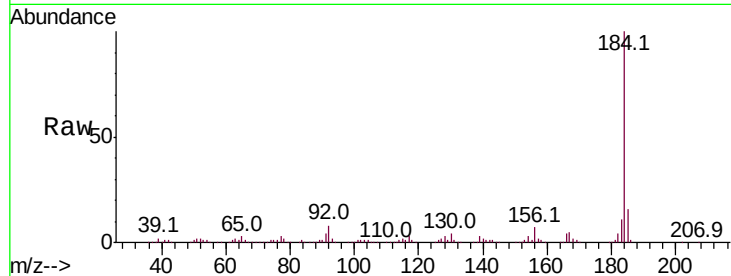
ClientSampleId :

PB120034BS

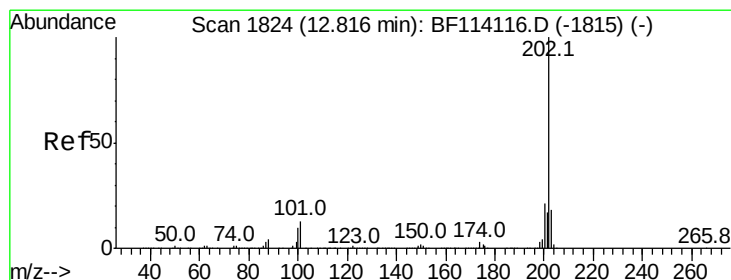
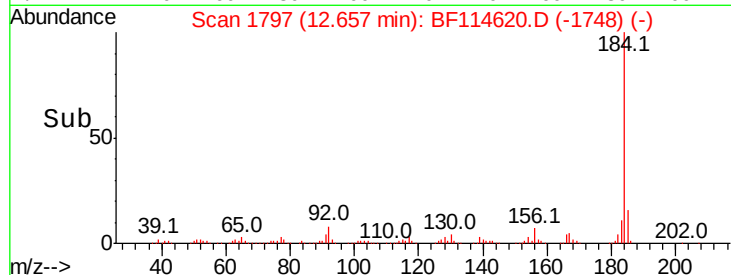
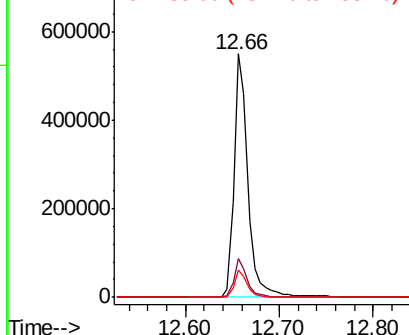
Tot Ion:	184	Resp:	566628
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.6	20.4
183	11.0	9.2	13.8

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



#78

Pyrene

Concen: 42.324 ng

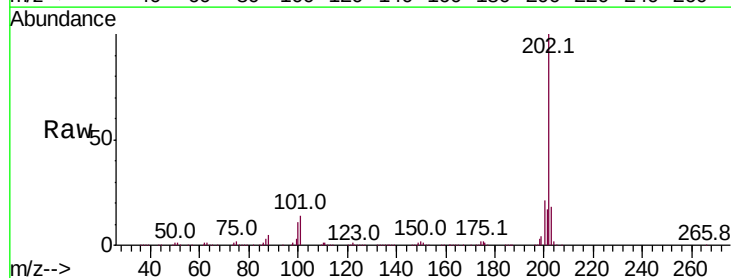
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

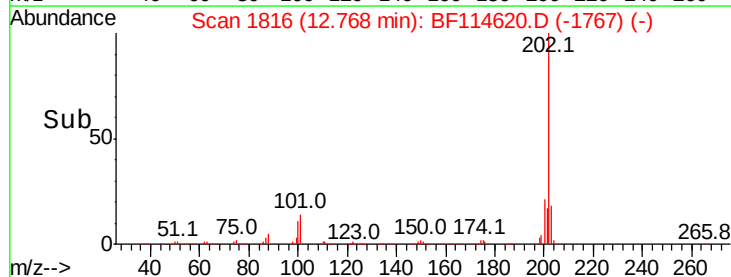
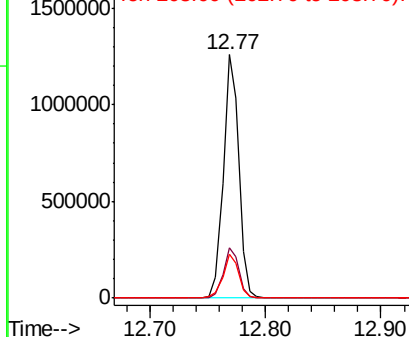
Lab File: BF114620.D

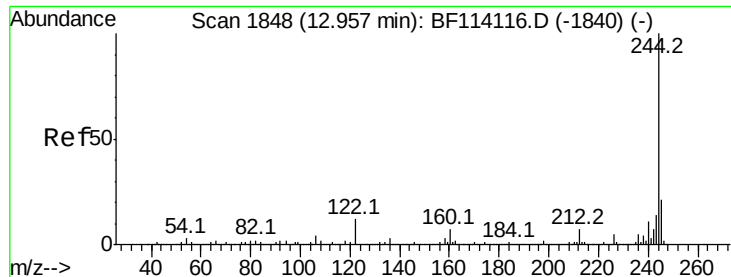
Acq: 25 May 2019 22:27

Tgt Ion:	202	Resp:	1164931
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.9	25.3
203	18.1	14.5	21.7



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





#79

Terphenyl-d14

Concen: 92.658 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

Tot Ion:244 Resp: 1537886

Ion Ratio Lower Upper

244 100

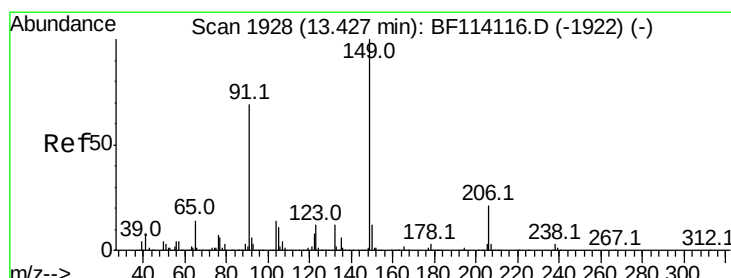
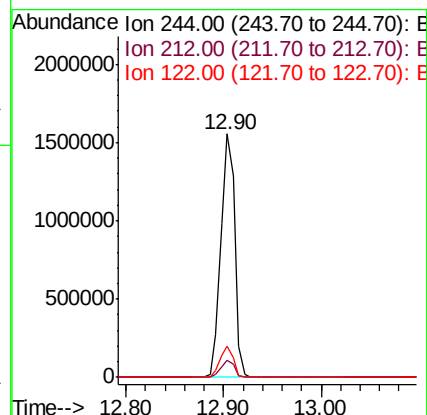
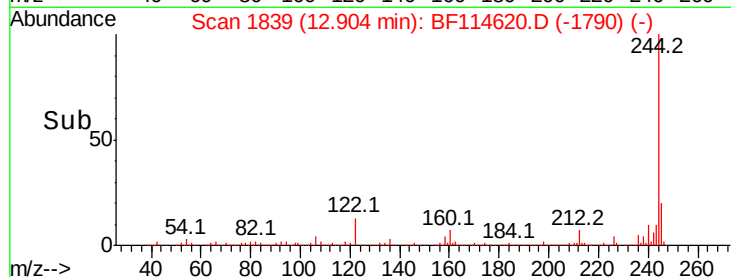
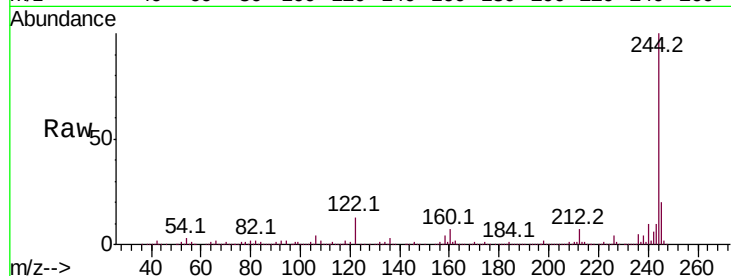
212 6.8 5.8 8.6

122 12.7 9.4 14.2

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#80

Butylbenzylphthalate

Concen: 44.370 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

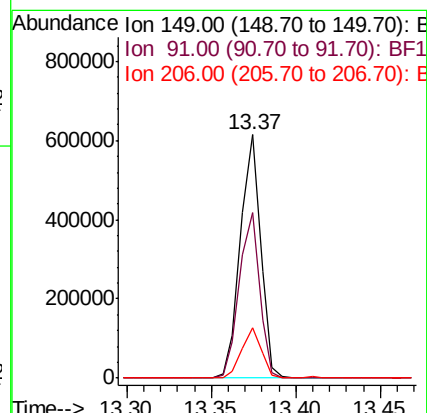
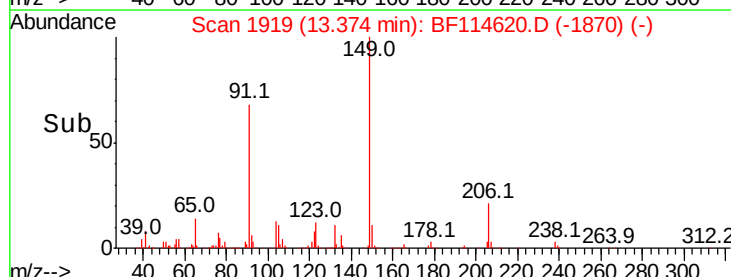
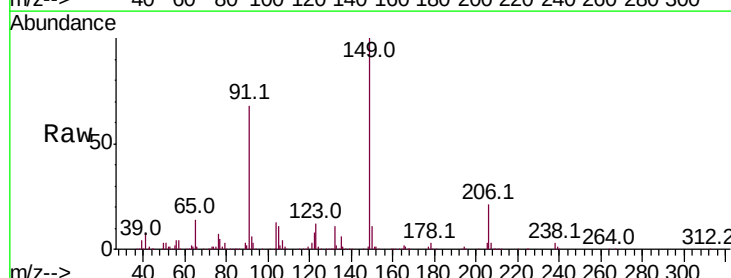
Tgt Ion:149 Resp: 514036

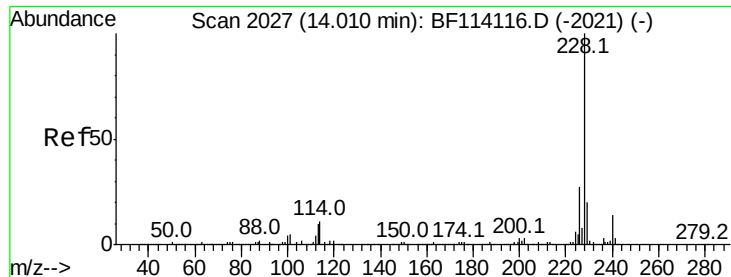
Ion Ratio Lower Upper

149 100

91 67.8 55.0 82.4

206 20.7 16.9 25.3





#81

Benzo(a)anthracene

Concen: 44.186 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

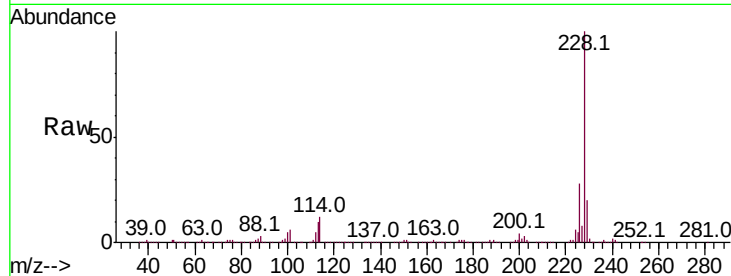
ClientSampleId :

PB120034BS

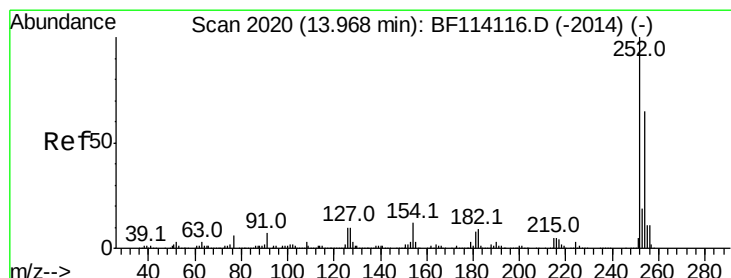
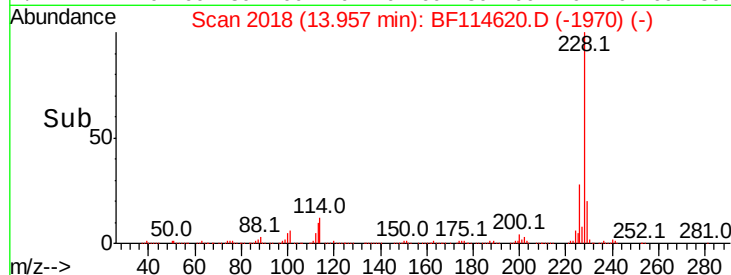
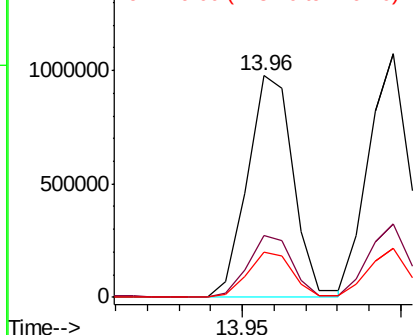
Tot Ion:	228	Resp:	977828
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.2	33.2
229	20.3	16.4	24.6

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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: 32.808 ng

RT: 13.92 min Scan# 2011

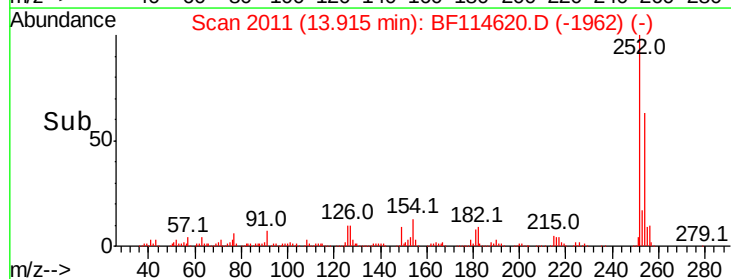
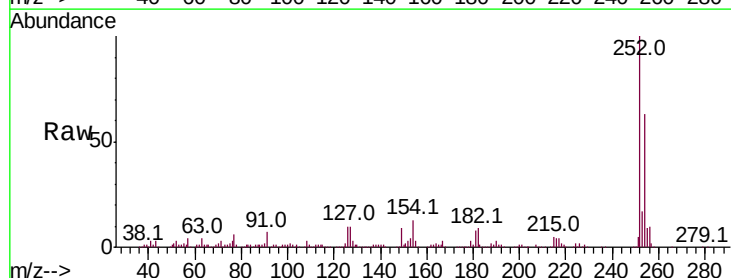
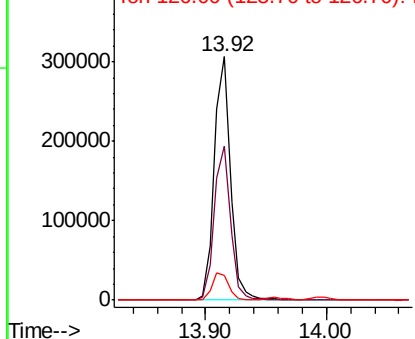
Delta R.T. -0.01 min

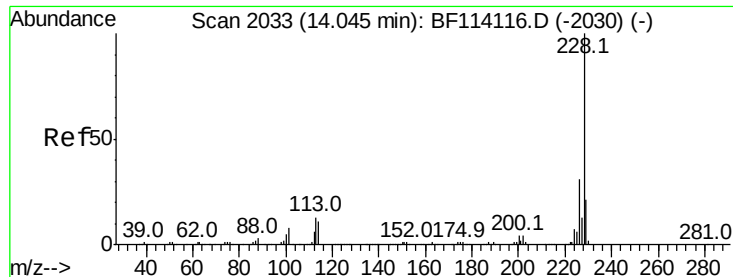
Lab File: BF114620.D

Acq: 25 May 2019 22:27

Tgt Ion:	252	Resp:	281651
Ion Ratio	Lower	Upper	
252	100		
254	63.3	51.9	77.9
126	10.4	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





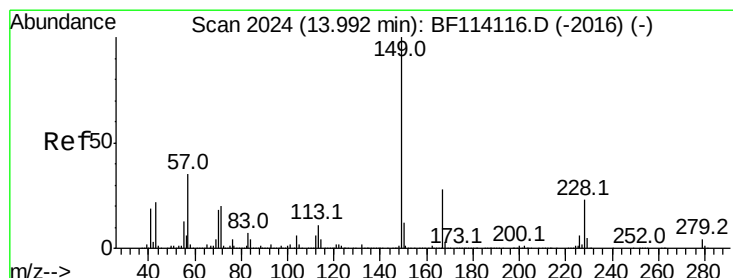
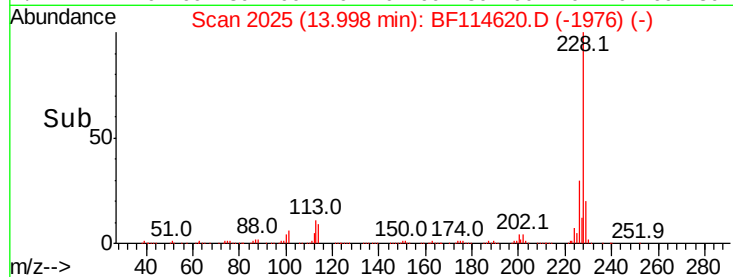
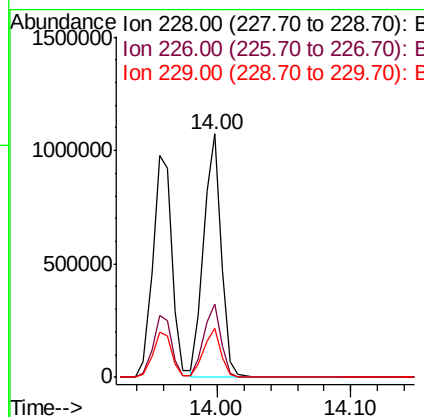
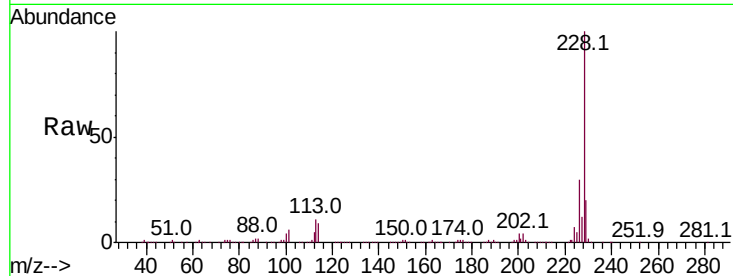
#83
 Chrysene
 Concen: 44.534 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	966092		
226	30.1	25.0	37.6	
229	19.9	17.0	25.6	

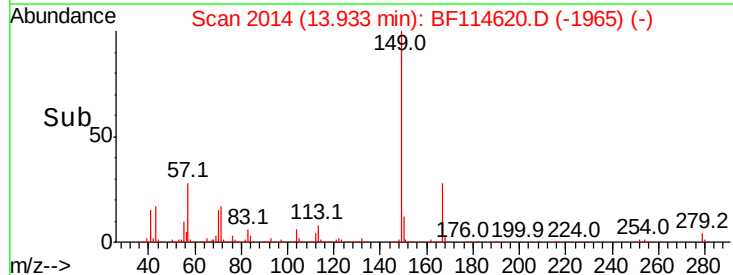
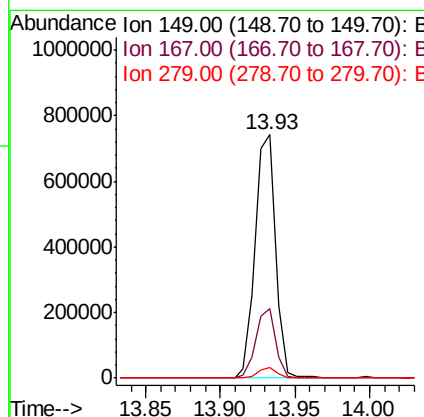
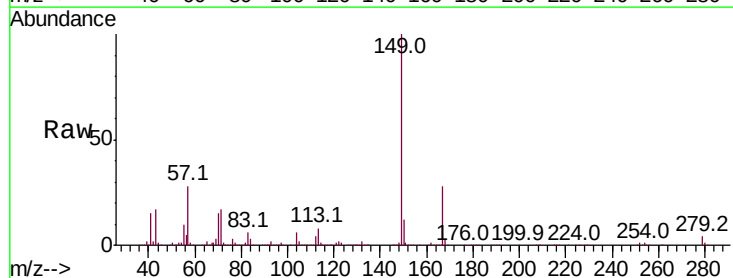
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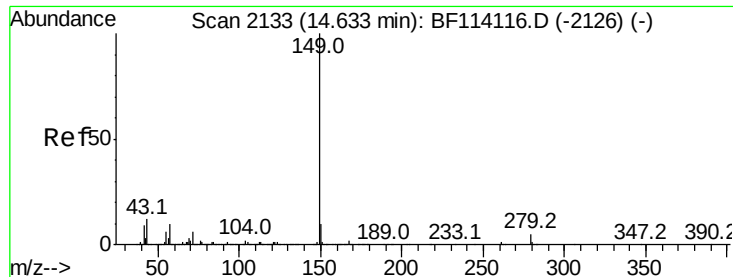
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.142 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	699131		
167	28.3	22.6	33.8	
279	4.4	3.0	4.6	





#85

Di-n-octyl phthalate

Concen: 45.946 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

Tot Ion:149 Resp: 1128527

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

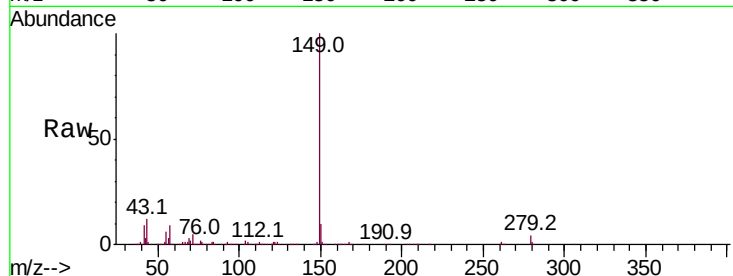
43 11.7 10.1 15.1

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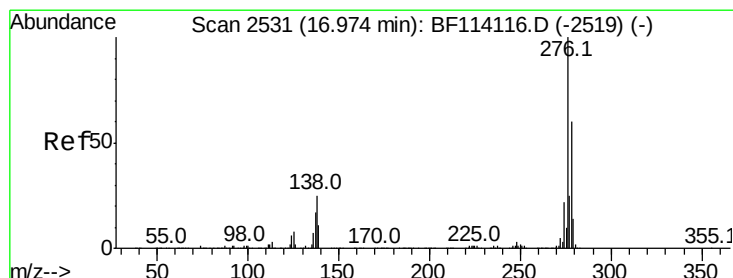
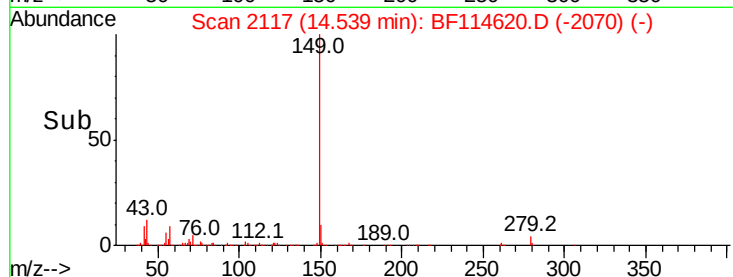
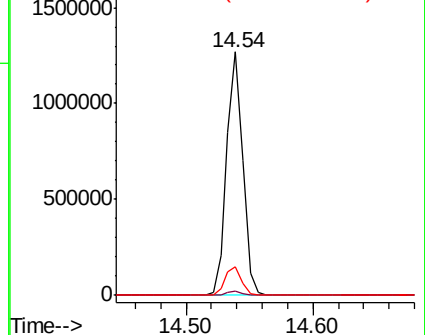
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.694 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

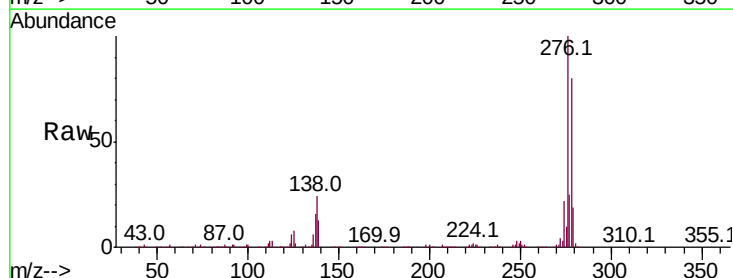
Tgt Ion:276 Resp: 895236

Ion Ratio Lower Upper

276 100

138 24.9 20.2 30.2

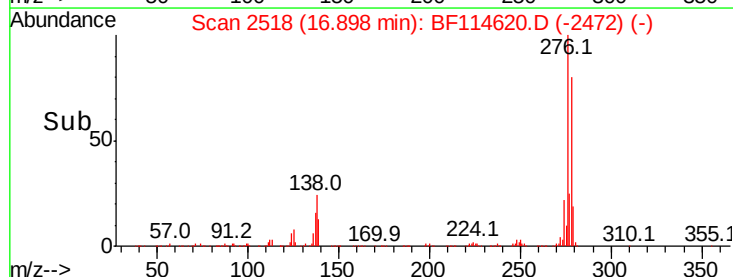
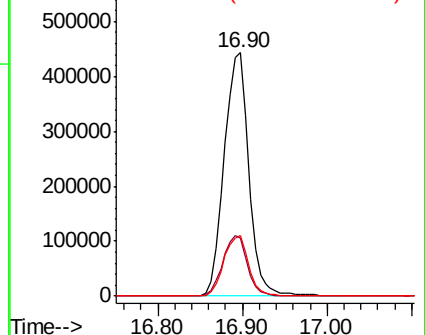
277 24.9 20.0 30.0

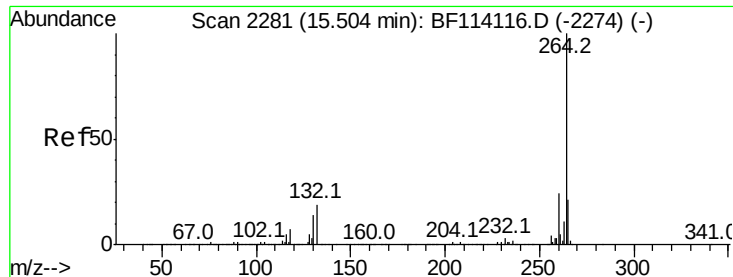


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

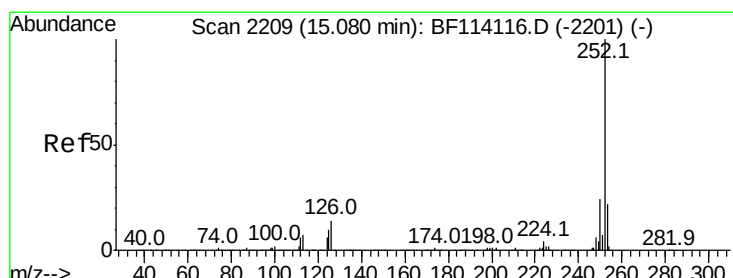
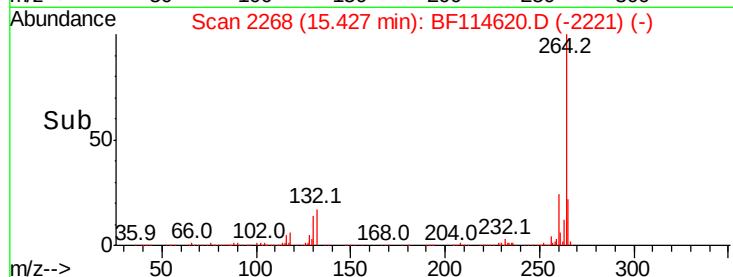
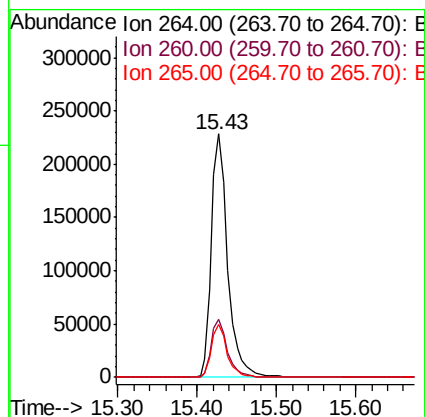
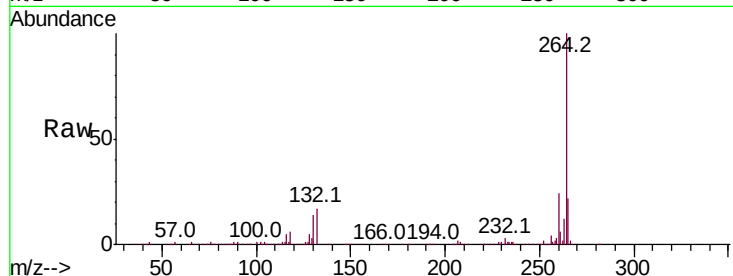
ClientSampleId :

PB120034BS

Tot Ion:	264	Resp:	327787
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.4	29.0
265	21.9	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 47.427 ng

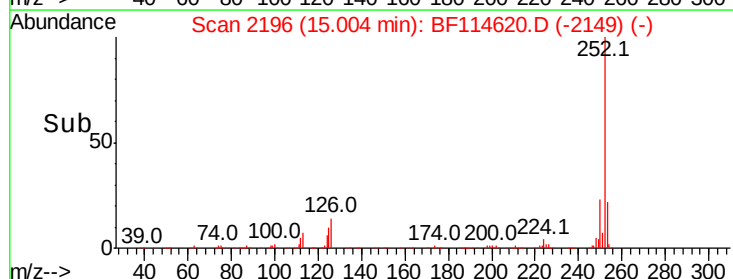
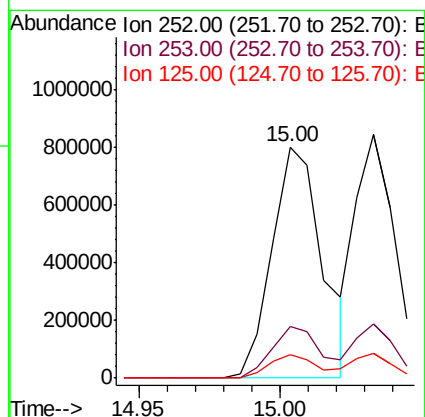
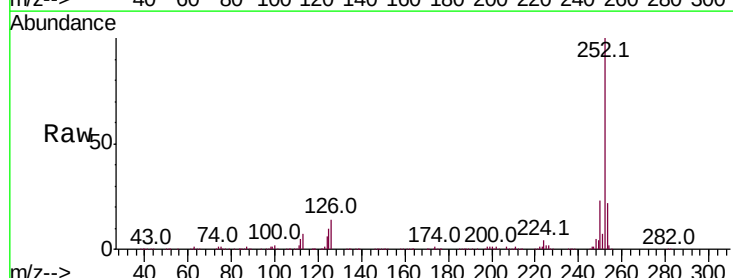
RT: 15.00 min Scan# 2196

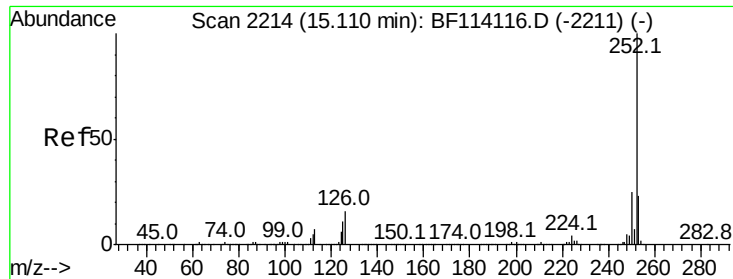
Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Tgt Ion:	252	Resp:	995970
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	10.4	8.3	12.5





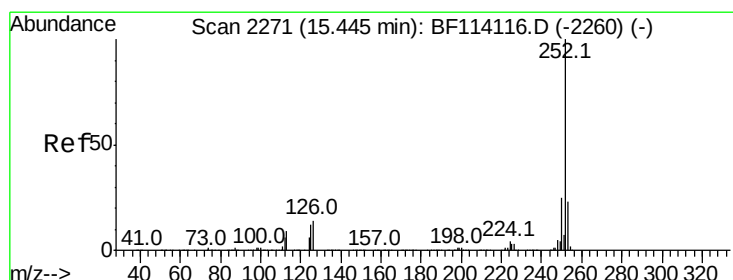
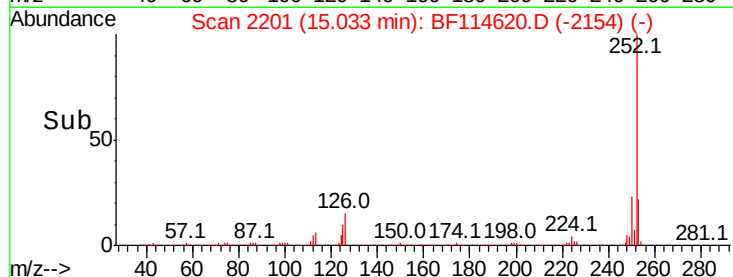
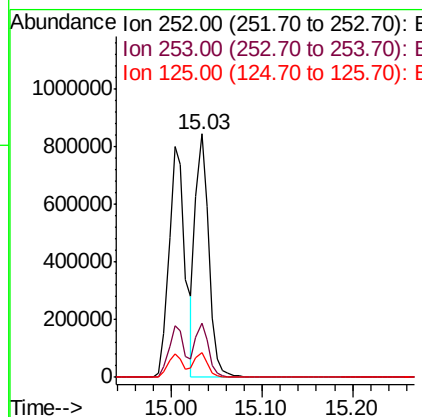
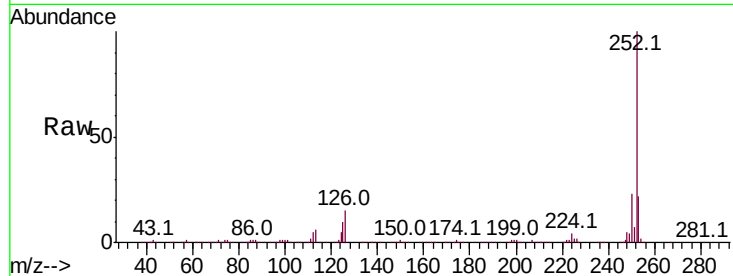
#89
Benzo(k)fluoranthene
Concen: 44.029 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	849351		
253	22.4	18.2	27.2	
125	10.1	8.6	13.0	

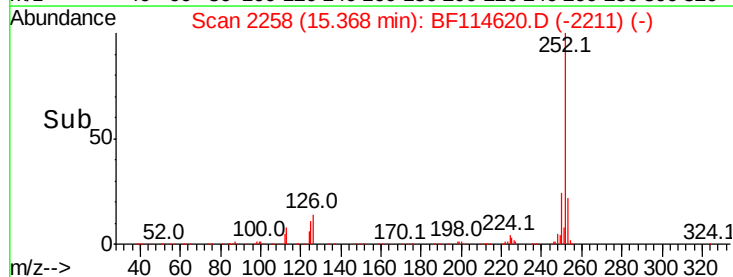
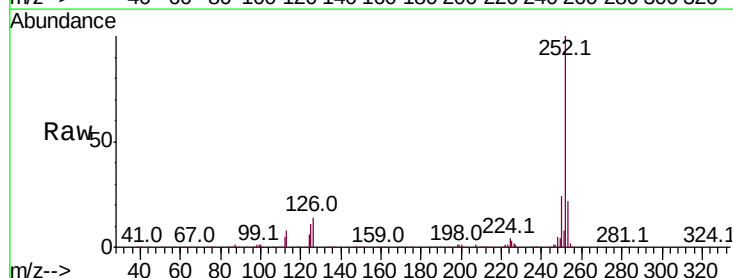
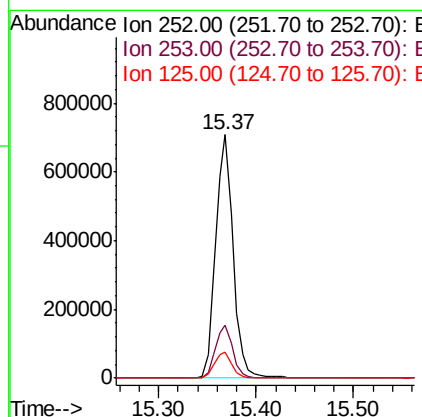
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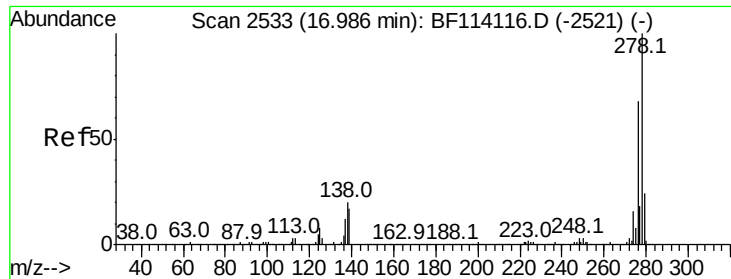
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#90
Benzo(a)pyrene
Concen: 47.371 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	875502		
253	21.8	18.1	27.1	
125	10.5	9.5	14.3	





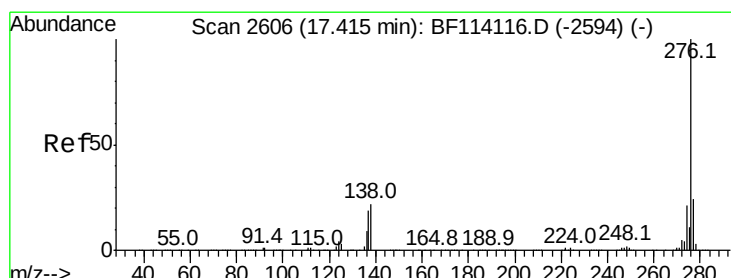
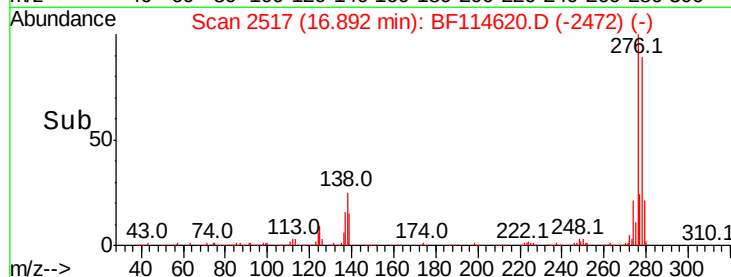
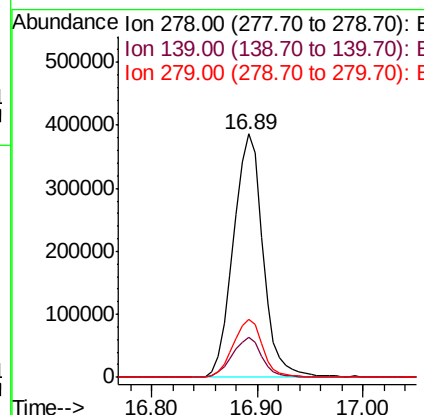
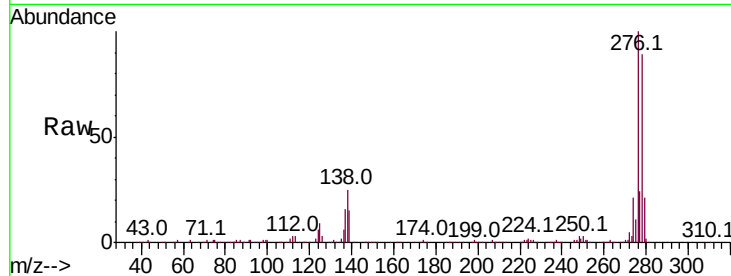
#91
Dibenzo(a,h)anthracene
Concen: 48.695 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.5	20.3
279	23.9	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 50.508 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.04 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	21.6	17.8	26.6

