

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF114995.D
 Acq On : 13 Jun 2019 11:38
 Operator : HP/JU
 Sample : K3283-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MS

Manual Integrations
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mohammad
 6/14/2019 8:47:10 AM

Quant Time: Jun 13 18:18:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	306680	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1169670	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	535366	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	872782	20.00	ng	0.00
76) Chrysene-d12	13.77	240	501702	20.00	ng	0.00
87) Perylene-d12	15.15	264	597544	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1942034	105.74	ng	0.01
7) Phenol-d6	6.30	99	2440453	110.15	ng	0.00
23) Nitrobenzene-d5	7.22	82	1511670	77.79	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	577665	100.76	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2509039	79.43	ng	0.00
79) Terphenyl-d14	12.73	244	1973011	73.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	244909	28.488	ng	99
3) Pyridine	3.04	79	479613	19.815	ng	99
4) n-Nitrosodimethylamine	2.96	42	279035	32.471	ng	99
6) Aniline	6.32	93	423022	14.257	ng	# 1
8) 2-Chlorophenol	6.44	128	715672	34.365	ng	99
9) Benzaldehyde	6.19	77	162359	7.369	ng	98
10) Phenol	6.32	94	794845	32.066	ng	# 78
11) bis(2-Chloroethyl)ether	6.39	93	665337	34.582	ng	100
12) 1,3-Dichlorobenzene	6.59	146	764084	31.411	ng	98
13) 1,4-Dichlorobenzene	6.67	146	779671	31.881	ng	98
14) 1,2-Dichlorobenzene	6.82	146	718256	31.196	ng	98
15) Benzyl Alcohol	6.80	79	553814	33.363	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.93	45	850211	33.018	ng	98
17) 2-Methylphenol	6.92	107	594505	34.224	ng	99
18) Hexachloroethane	7.16	117	263522	29.838	ng	98
19) n-Nitroso-di-n-propylamine	7.07	70	451208	33.520	ng	96
20) 3+4-Methylphenols	7.07	107	692012	33.473	ng	94
22) Acetophenone	7.06	105	982216	37.096	ng	# 96
24) Nitrobenzene	7.23	77	705768	35.697	ng	95
25) Isophorone	7.47	82	1301060	35.748	ng	99
26) 2-Nitrophenol	7.55	139	395671	35.904	ng	98
27) 2,4-Dimethylphenol	7.60	122	621314	39.082	ng	98
28) bis(2-Chloroethoxy)methane	7.69	93	820783	35.150	ng	100
29) 2,4-Dichlorophenol	7.80	162	605449	36.050	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	665375	34.287	ng	99
31) Naphthalene	7.95	128	1968810	35.575	ng	100
32) Benzoic acid	7.70	122	128915	11.207	ng	95
33) 4-Chloroaniline	8.00	127	291371	11.406	ng	97
34) Hexachlorobutadiene	8.08	225	352494	32.679	ng	99
35) Caprolactam	8.37	113	175358m	31.349	ng	
36) 4-Chloro-3-methylphenol	8.50	107	616222	36.410	ng	99
37) 2-Methylnaphthalene	8.65	142	1310944	35.516	ng	99
38) 1-Methylnaphthalene	8.74	142	1248796	35.796	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	586717	37.095	ng	100

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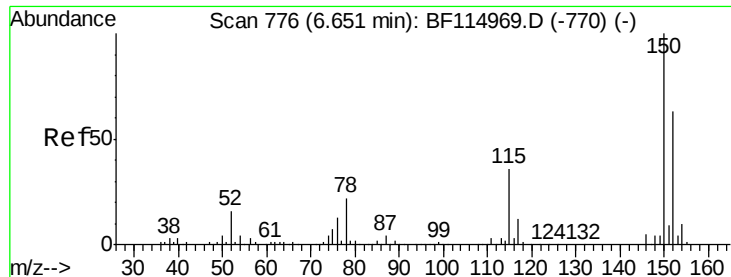
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Quant Time: Jun 13 18:18:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	282178	36.205	nq	99
43) 2,4,6-Trichlorophenol	8.93	196	426323	36.087	nq	100
44) 2,4,5-Trichlorophenol	8.97	196	439101	36.779	nq	98
46) 1,1'-Biphenyl	9.11	154	1523317	35.507	nq	98
47) 2-Chloronaphthalene	9.13	162	1220713	35.187	nq	100
48) 2-Nitroaniline	9.22	65	348766	34.013	nq	97
49) Acenaphthylene	9.54	152	1855353	34.784	nq	99
50) Dimethylphthalate	9.42	163	1737296	43.150	nq	99
51) 2,6-Dinitrotoluene	9.47	165	333195	36.483	nq	89
52) Acenaphthene	9.72	154	1064372	34.878	nq	98
53) 3-Nitroaniline	9.63	138	249656	22.311	nq	96
54) 2,4-Dinitrophenol	9.74	184	82639	18.655	nq	94
55) Dibenzofuran	9.89	168	1569035	34.115	nq	97
56) 4-Nitrophenol	9.81	139	482504	62.530	nq	91
57) 2,4-Dinitrotoluene	9.87	165	410633	35.326	nq	95
58) Fluorene	10.23	166	1114530	34.473	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.00	232	334139	34.649	nq	99
60) Diethylphthalate	10.11	149	1384646	35.968	nq	100
61) 4-Chlorophenyl-phenylether	10.22	204	554010	34.728	nq	99
62) 4-Nitroaniline	10.24	138	313766	27.889	nq	99
63) Azobenzene	10.38	77	1143388	33.950	nq	96
65) 4,6-Dinitro-2-methylphenol	10.27	198	85353	17.448	nq	95
66) n-Nitrosodiphenylamine	10.34	169	1074632	41.191	nq	99
67) 4-Bromophenyl-phenylether	10.70	248	353702	37.744	nq	95
68) Hexachlorobenzene	10.77	284	363493	35.232	nq	94
69) Atrazine	10.87	200	333668	39.668	nq	98
70) Pentachlorophenol	10.97	266	357121	63.738	nq	99
71) Phenanthrene	11.18	178	1596082	35.419	nq	98
72) Anthracene	11.23	178	1593983	35.063	nq	99
73) Carbazole	11.38	167	1409837	35.530	nq	98
74) Di-n-butylphthalate	11.73	149	1817591	36.334	nq	98
75) Fluoranthene	12.36	202	1495924	32.464	nq	99
77) Benzidine	12.47	184	195228	9.621	nq	97
78) Pyrene	12.58	202	1468994	32.141	nq	99
80) Butylbenzylphthalate	13.21	149	643755	30.156	nq	99
81) Benzo(a)anthracene	13.76	228	1260303	33.569	nq	99
82) 3,3'-Dichlorobenzidine	13.73	252	425788	29.582	nq	# 96
83) Chrysene	13.80	228	1285266	34.427	nq	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	915760	36.296	nq	97
85) Di-n-octyl phthalate	14.38	149	1526307	35.130	nq	100
86) Indeno(1,2,3-cd)pyrene	16.45	276	1140595	34.780	nq	99
88) Benzo(b)fluoranthene	14.77	252	1482676	37.326	nq	100
89) Benzo(k)fluoranthene	14.80	252	1141526	32.740	nq	99
90) Benzo(a)pyrene	15.10	252	1236930	36.087	nq	99
91) Dibenzo(a,h)anthracene	16.47	278	966956	32.758	nq	98
92) Benzo(g,h,i)perylene	16.84	276	909935	30.226	nq	99

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



#1

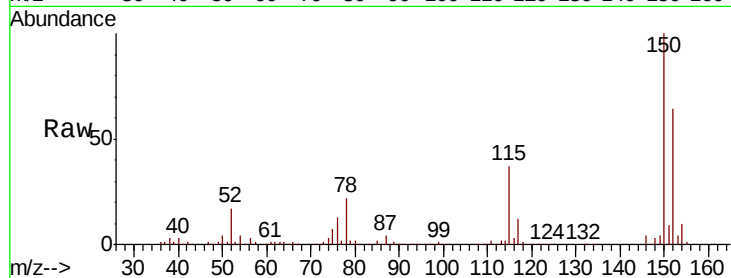
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.4	191.0
115	57.4	46.0	69.0

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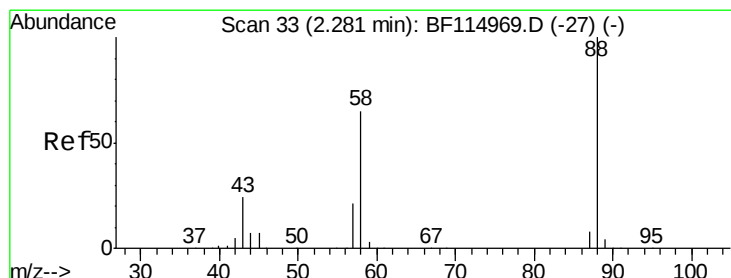
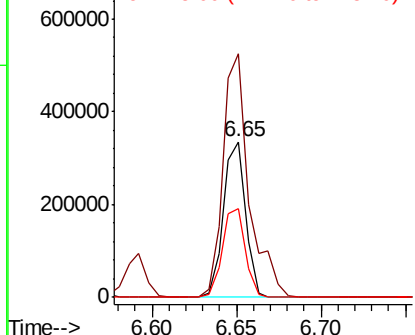
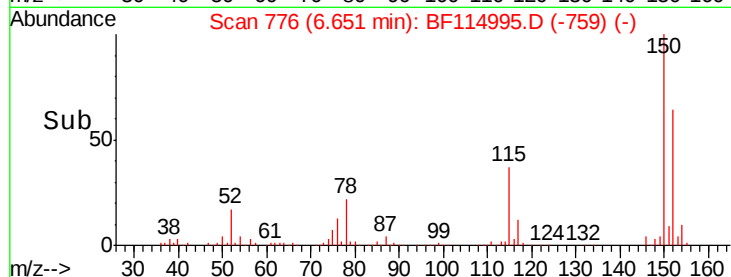


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

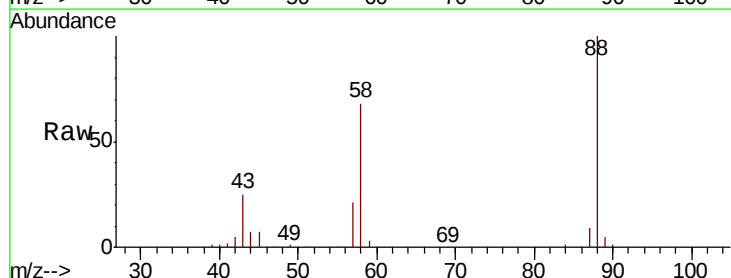
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.488 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.06 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	53.4	80.2
43	25.3	19.7	29.5

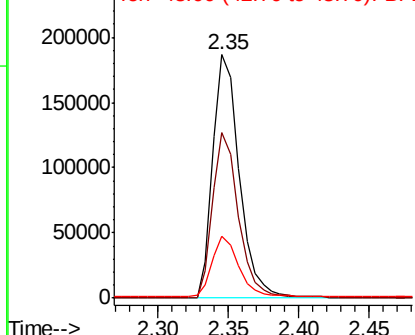
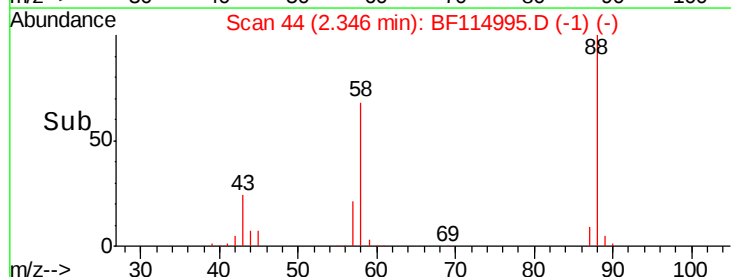


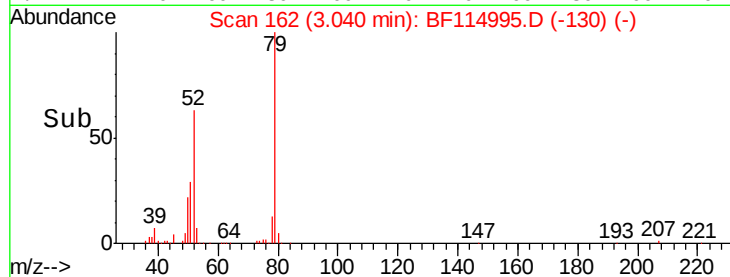
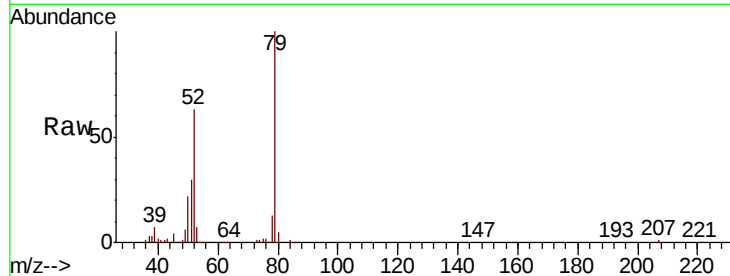
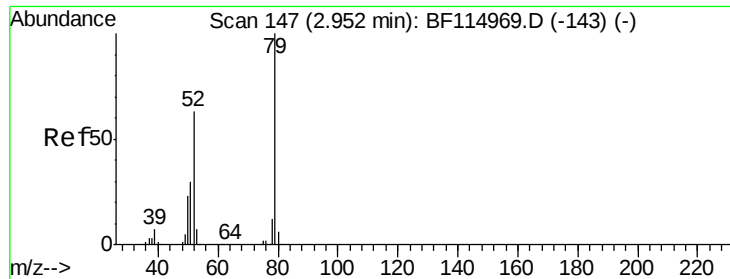
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





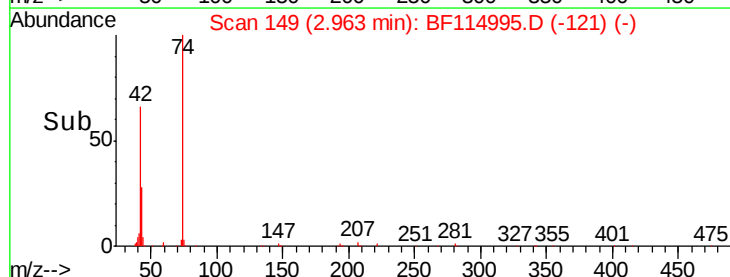
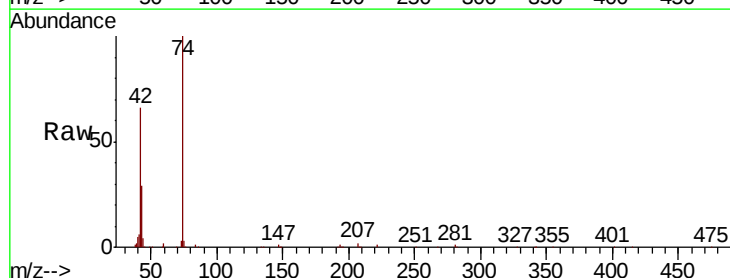
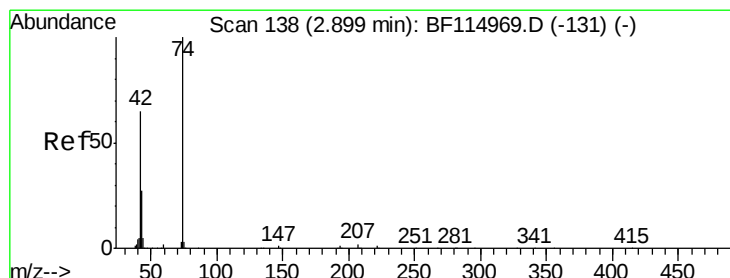
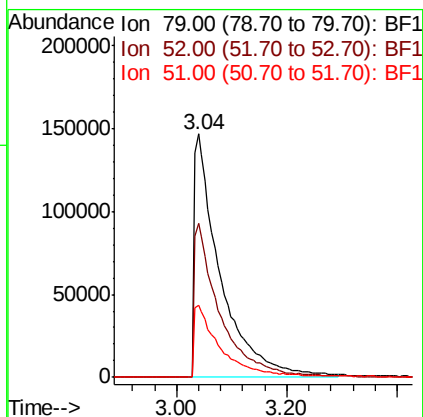
#3
Pvridine
Concen: 19.815 ng
RT: 3.04 min Scan# 162
Delta R.T. 0.09 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.2	50.3	75.5
51	29.6	24.4	36.6

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

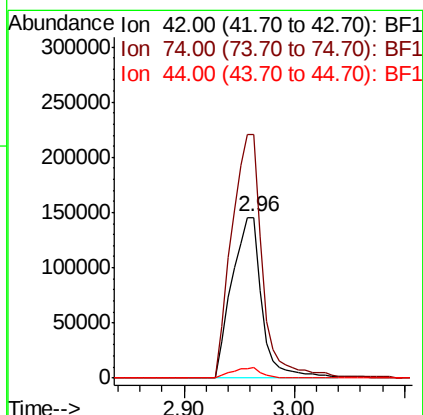
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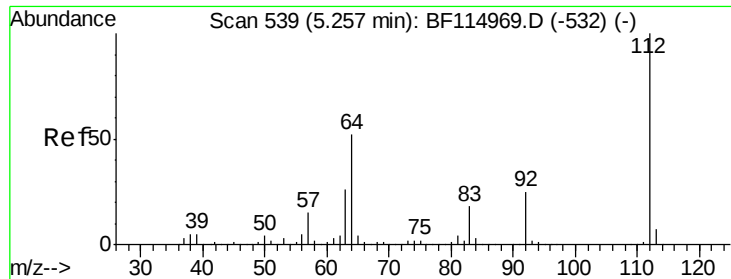
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#4
n-Nitrosodimethylamine
Concen: 32.471 ng
RT: 2.96 min Scan# 149
Delta R.T. 0.06 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.6	122.2	183.2
44	6.4	5.8	8.8





#5

2-Fluorophenol

Concen: 105.738 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

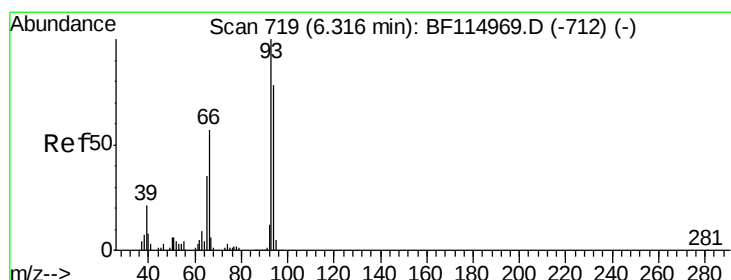
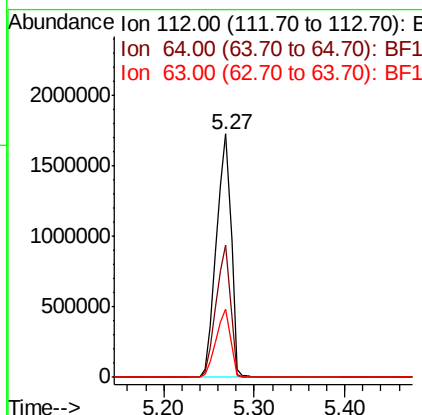
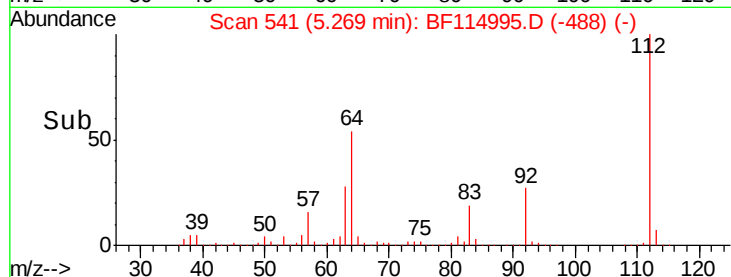
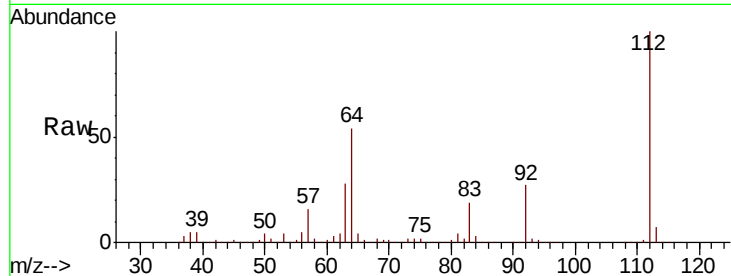
ClientSampleId :

200030-200034MS

Tot Ion:	112	Resp:	1942034
Ion Ratio	Lower	Upper	
112	100		
64	54.4	41.6	62.4
63	28.0	20.9	31.3

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#6

Aniline

Concen: 14.257 ng

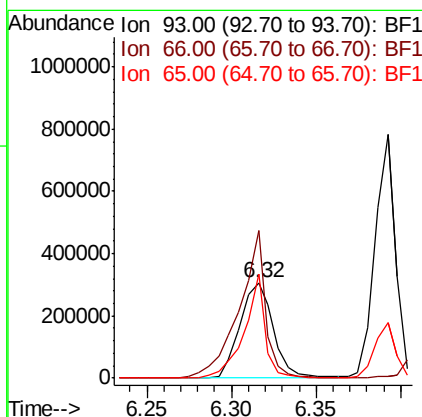
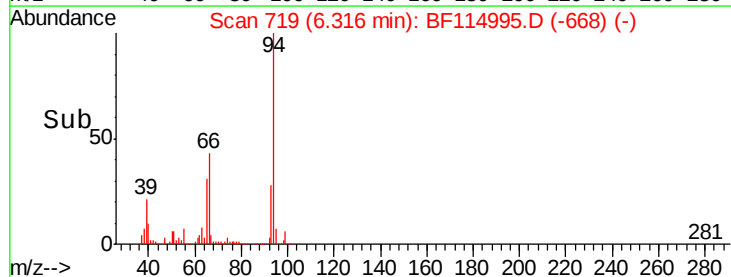
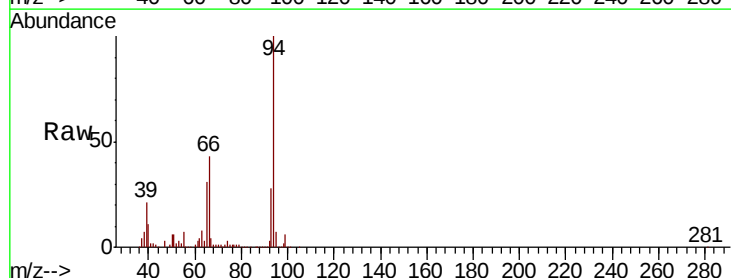
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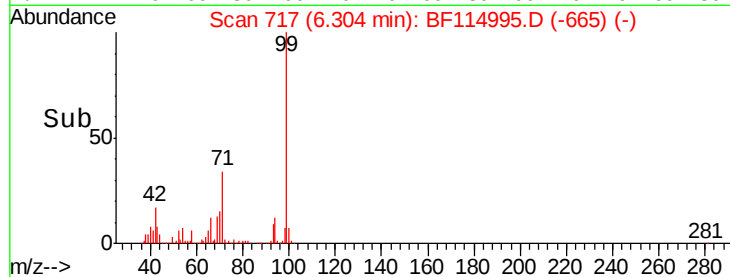
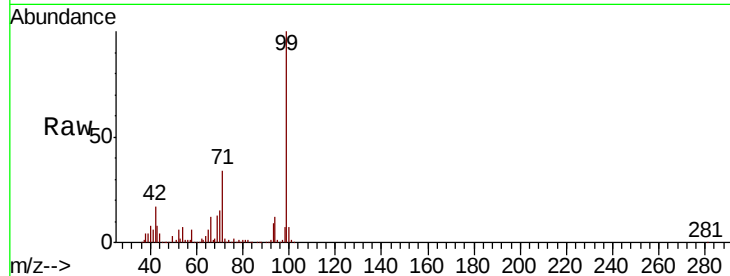
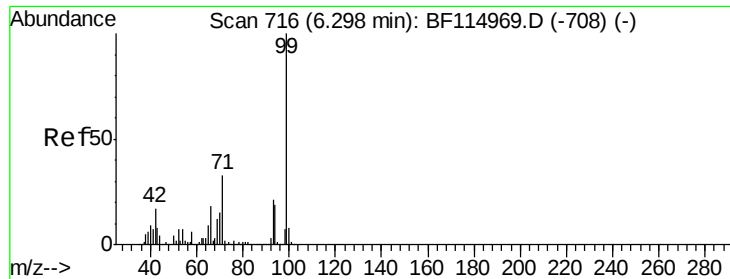
Delta R.T. -0.00 min

Lab File: BF114995.D

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Tgt Ion:	93	Resp:	423022
Ion Ratio	Lower	Upper	
93	100		
66	154.0	46.2	69.2#
65	108.8	27.7	41.5#





#7

Phenol-d6

Concen: 110.153 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Tot Ion: 99 Resp: 2440453

Ion Ratio Lower Upper

99 100

42 16.5 13.4 20.2

71 34.4 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

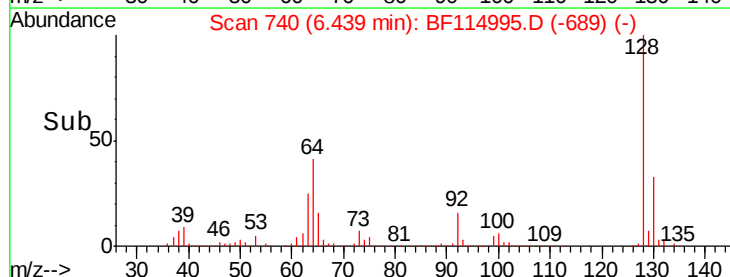
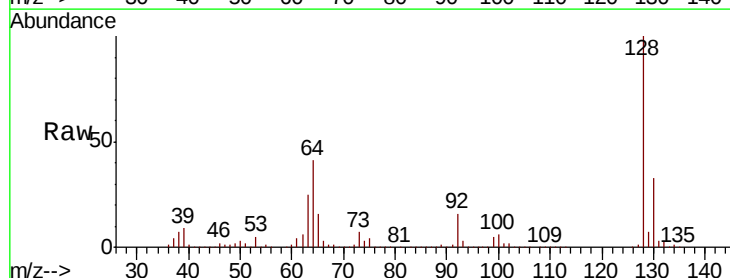
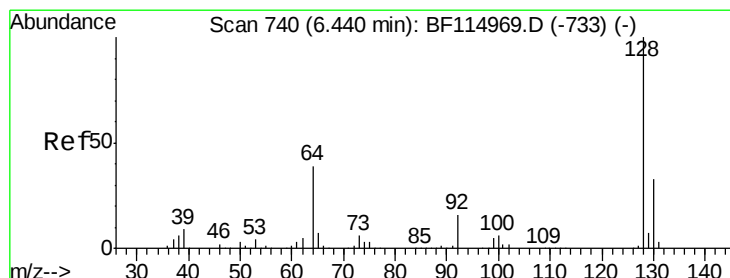
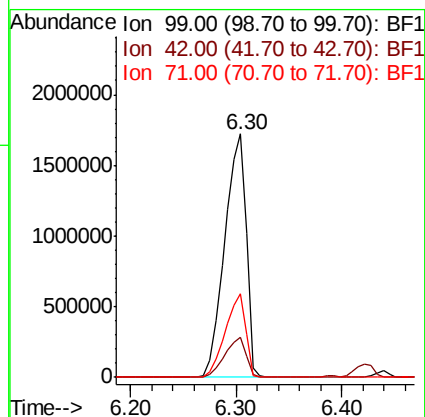
200030-200034MS

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#8

2-Chlorophenol

Concen: 34.365 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

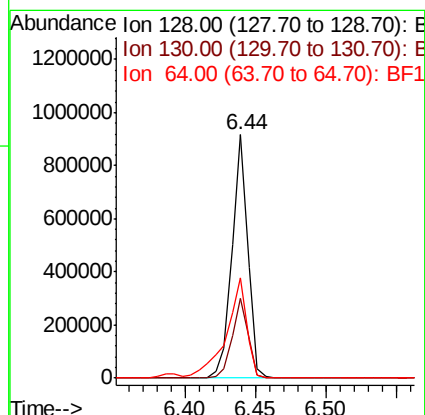
Tgt Ion: 128 Resp: 715672

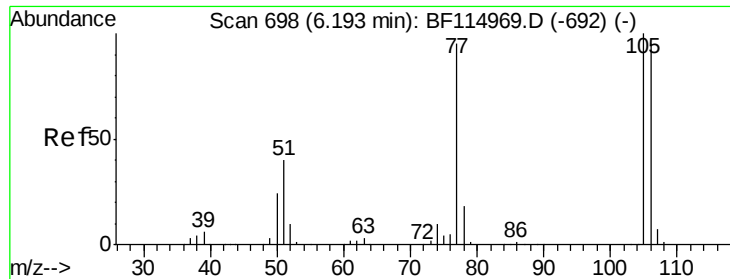
Ion Ratio Lower Upper

128 100

130 32.9 13.4 53.4

64 41.2 20.1 60.1





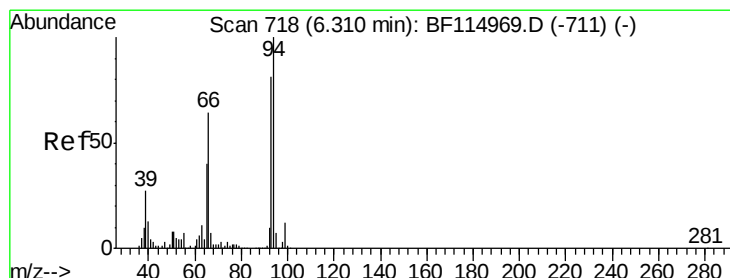
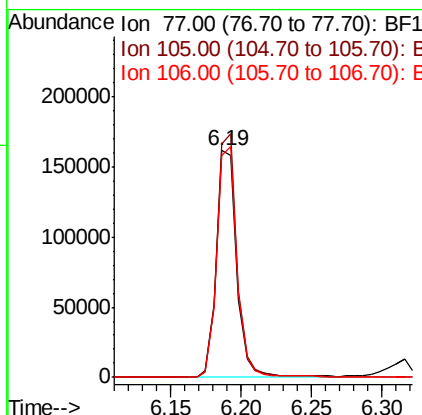
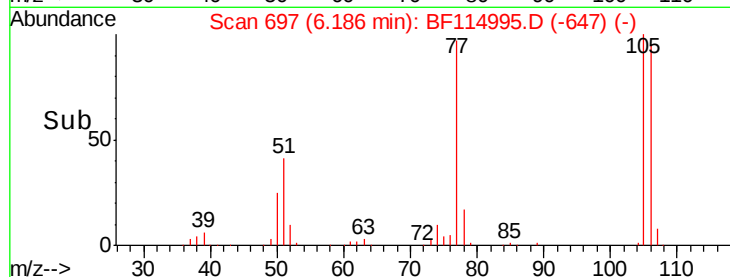
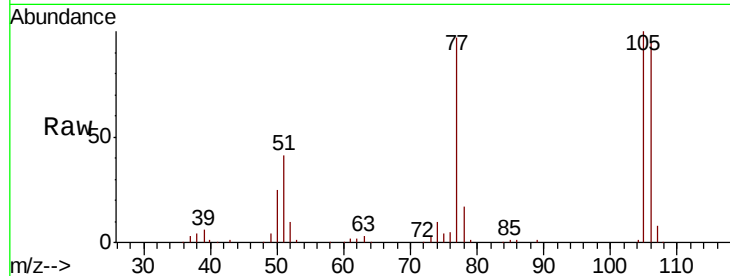
#9
Benzaldehyde
Concen: 7.369 ng
RT: 6.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.0	85.1	125.1
106	98.1	80.0	120.0

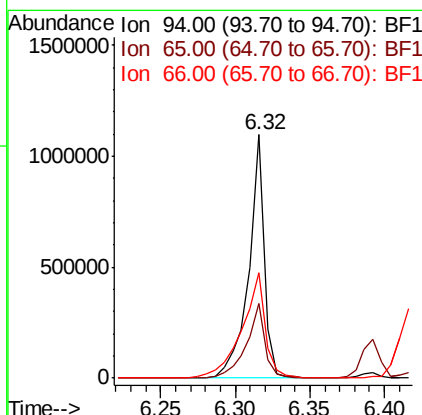
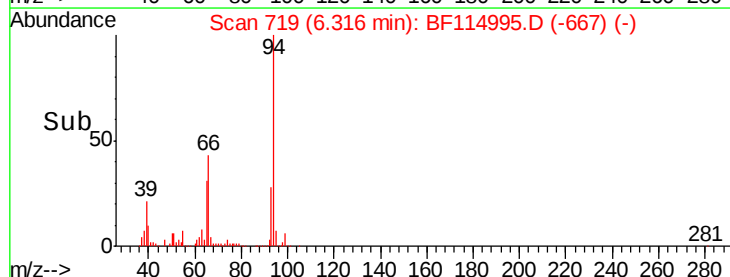
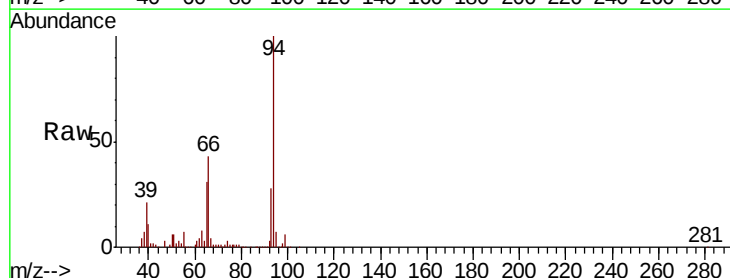
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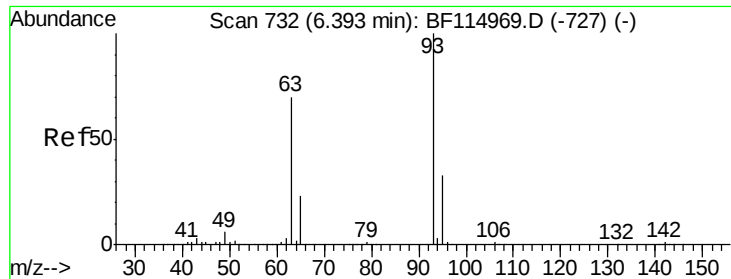
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#10
Phenol
Concen: 32.066 ng
RT: 6.32 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.5	20.0	60.0
66	43.2	44.1	84.1#





#11

bis(2-Chloroethyl)ether

Concen: 34.582 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

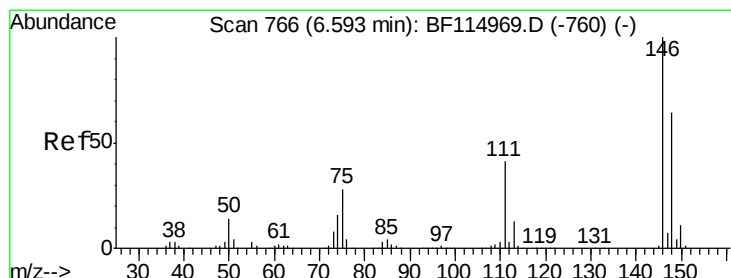
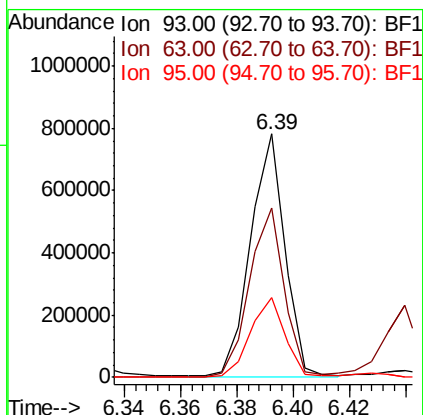
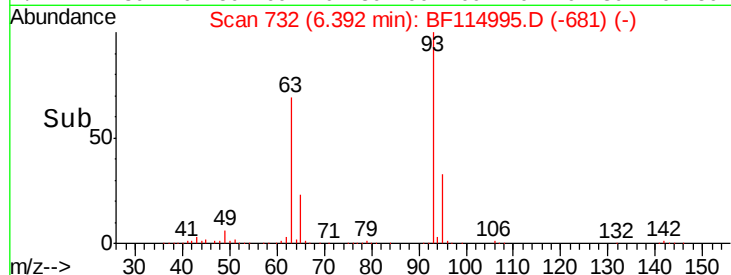
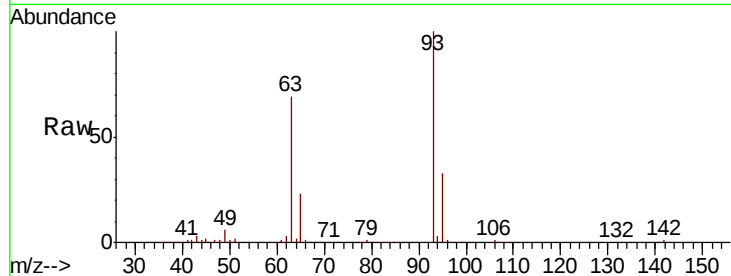
ClientSampleId :

200030-200034MS

Tot Ion:	93	Resp:	665337
Ion Ratio	Lower	Upper	
93	100		
63	69.5	49.8	89.8
95	33.0	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 31.411 ng

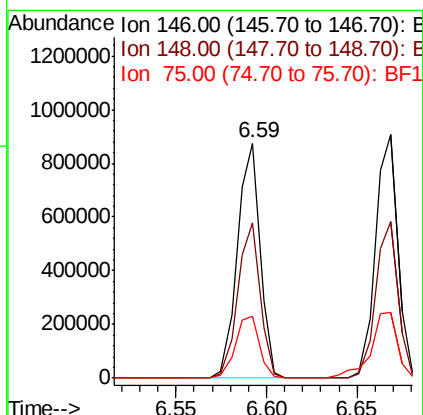
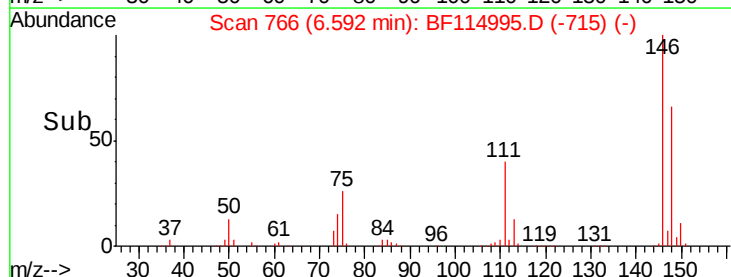
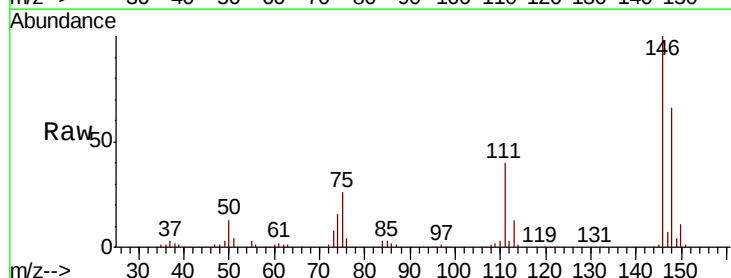
RT: 6.59 min Scan# 766

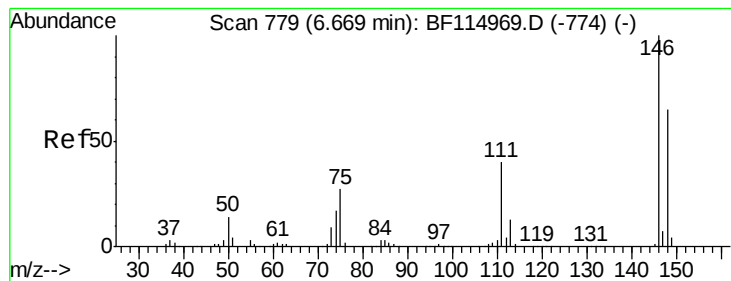
Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Tgt Ion:	146	Resp:	764084
Ion Ratio	Lower	Upper	
146	100		
148	66.1	51.6	77.4
75	26.5	22.3	33.5





#13

1,4-Dichlorobenzene

Concen: 31.881 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

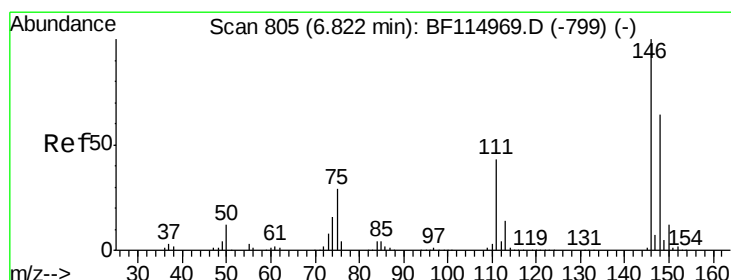
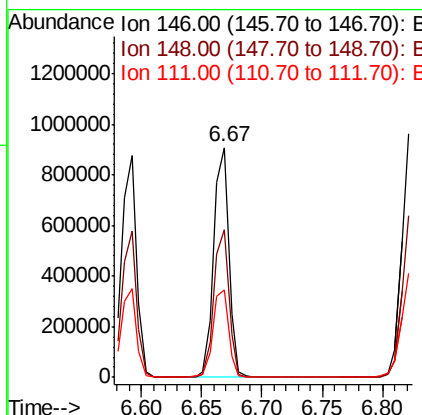
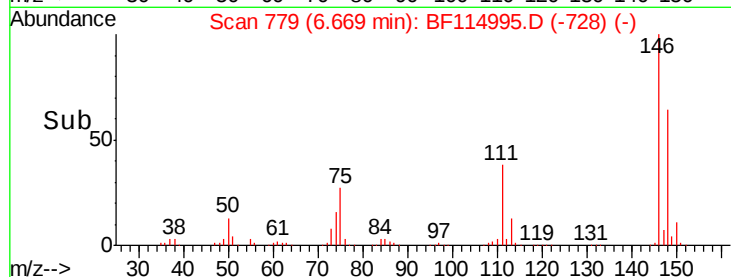
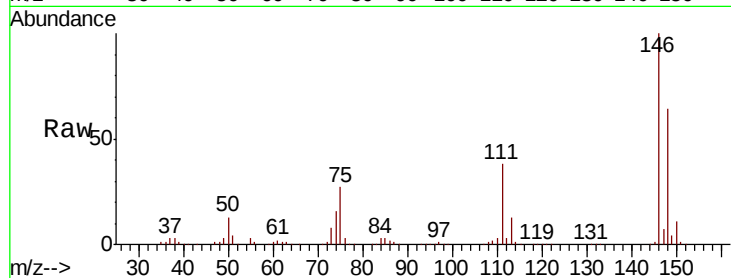
ClientSampleId :

200030-200034MS

Tot Ion:	146	Resp:	779671
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.2	78.2
111	38.2	32.4	48.6

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#14

1,2-Dichlorobenzene

Concen: 31.196 ng

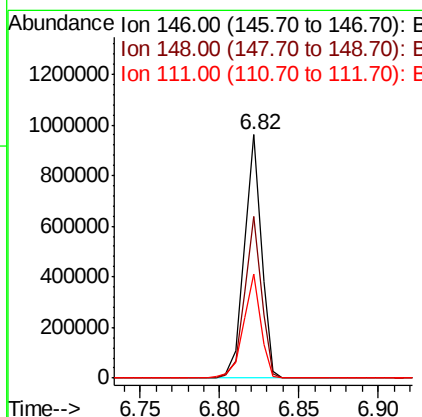
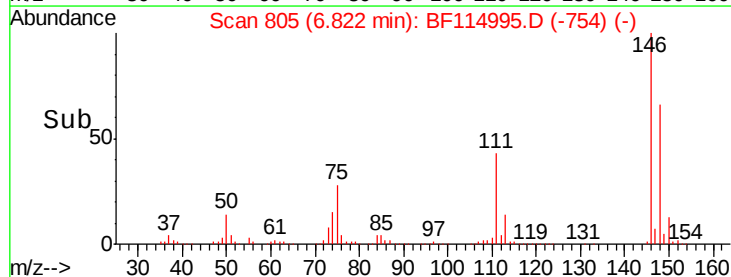
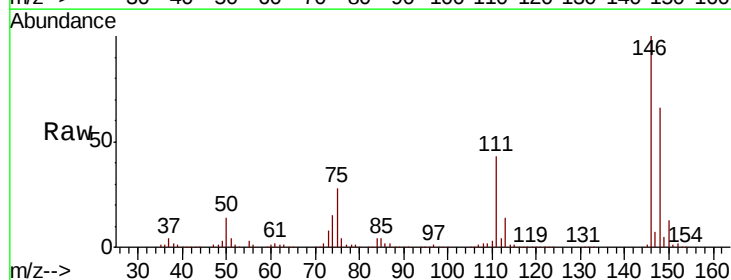
RT: 6.82 min Scan# 805

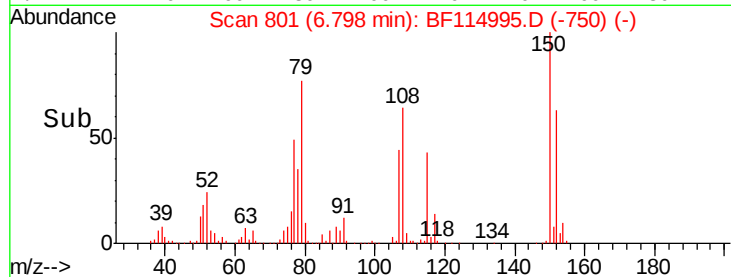
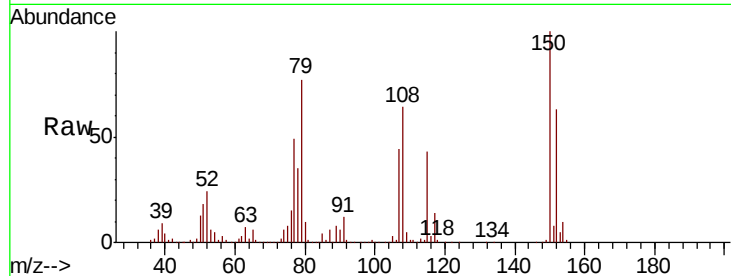
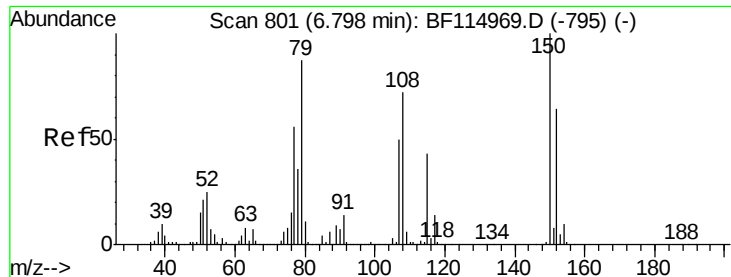
Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Tgt Ion:	146	Resp:	718256
Ion Ratio	Lower	Upper	
146	100		
148	66.2	51.5	77.3
111	42.9	34.6	51.8





#15

Benzyl Alcohol

Concen: 33.363 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Tot Ion:	79	Resp:	553814
Ion Ratio	Lower	Upper	
79	100		
108	82.5	66.0	99.0
77	63.9	51.1	76.7

Instrument :

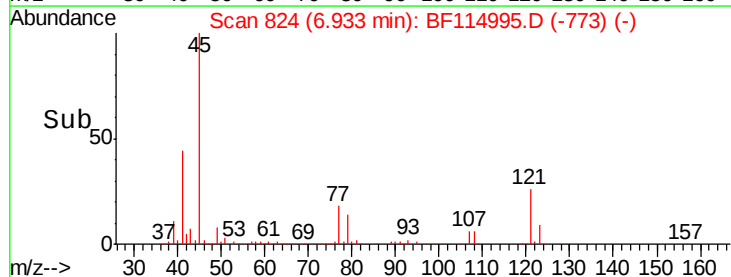
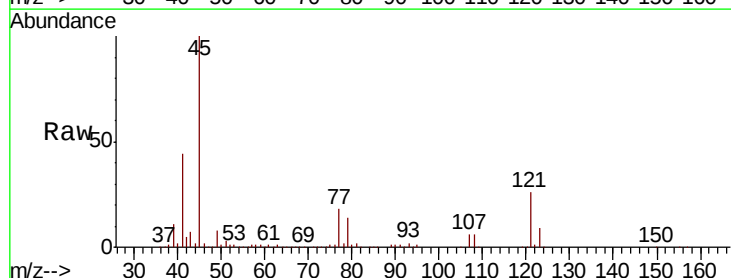
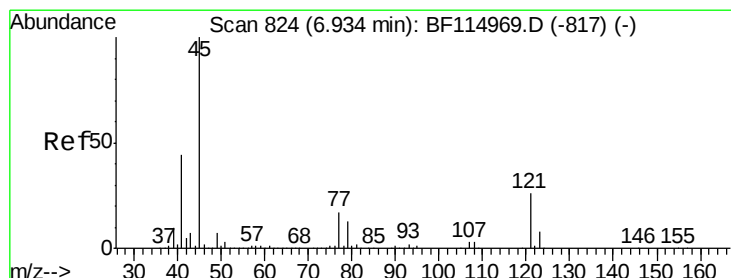
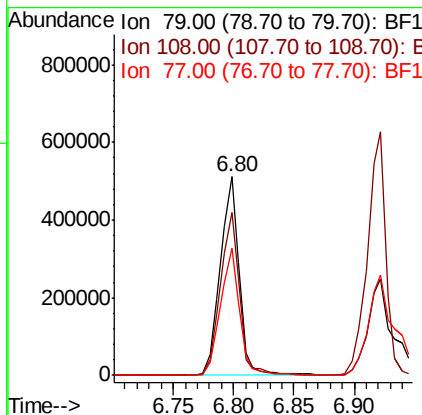
BNA_F

ClientSampleId :

200030-200034MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.018 ng

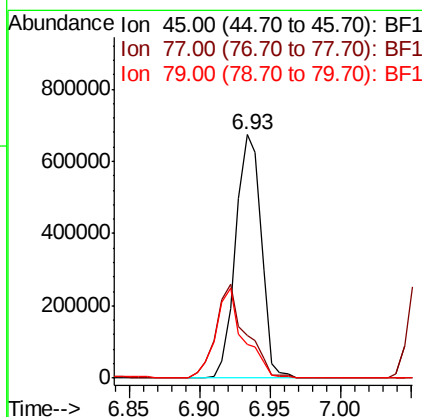
RT: 6.93 min Scan# 824

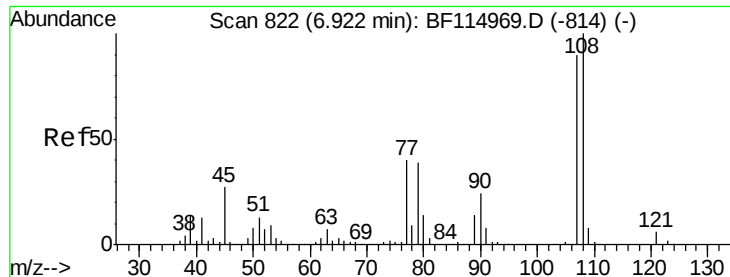
Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Tgt Ion:	45	Resp:	850211
Ion Ratio	Lower	Upper	
45	100		
77	17.7	0.0	37.0
79	14.1	0.0	33.1





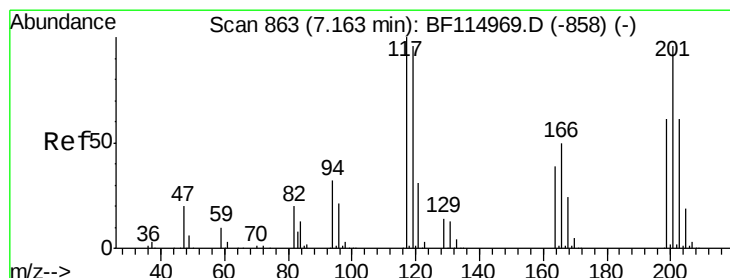
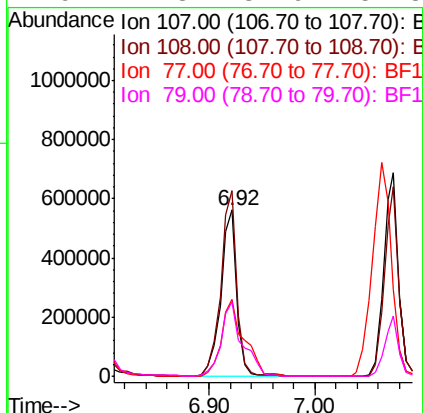
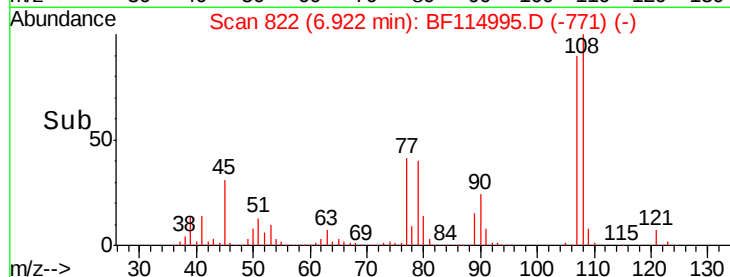
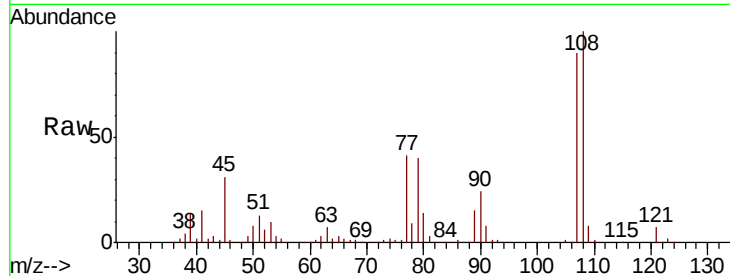
#17
2-Methylphenol
Concen: 34.224 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	89.3	133.9	
77	46.0	35.4	53.2	
79	44.3	34.9	52.3	

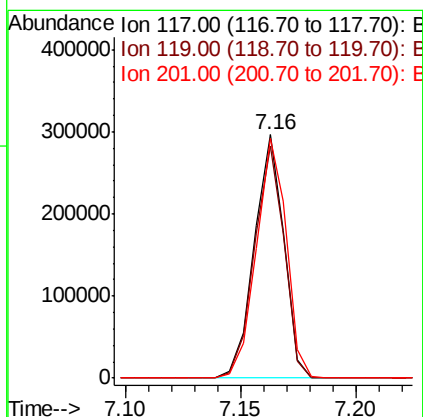
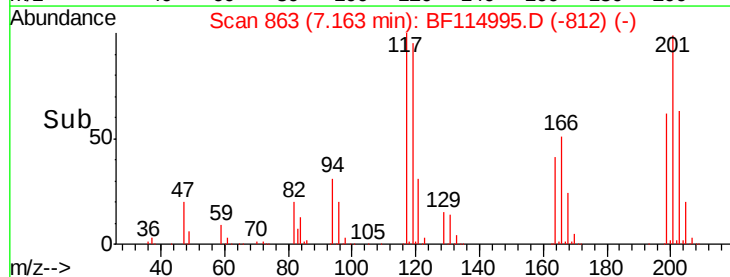
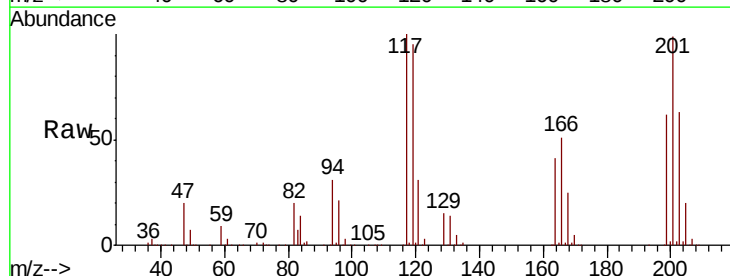
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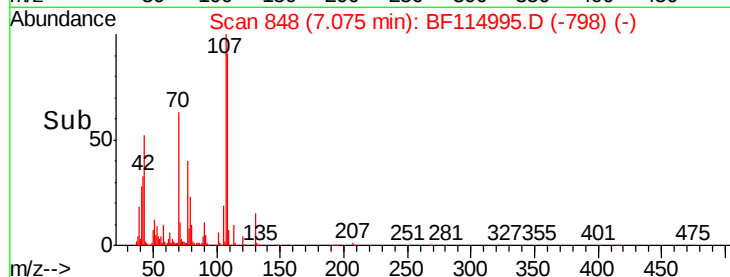
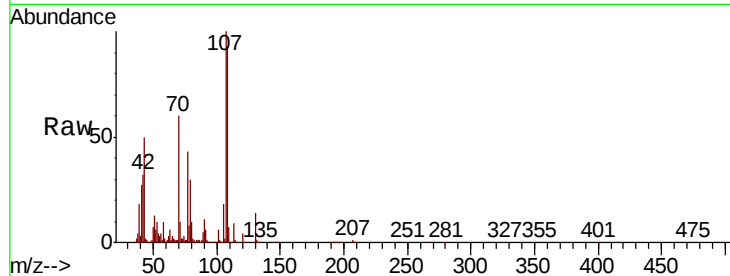
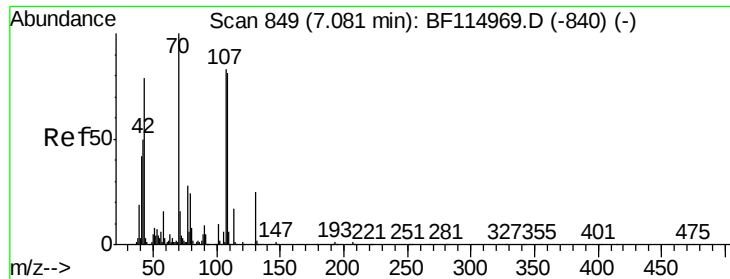
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#18
Hexachloroethane
Concen: 29.838 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.0	115.4	
201	98.5	76.6	115.0	





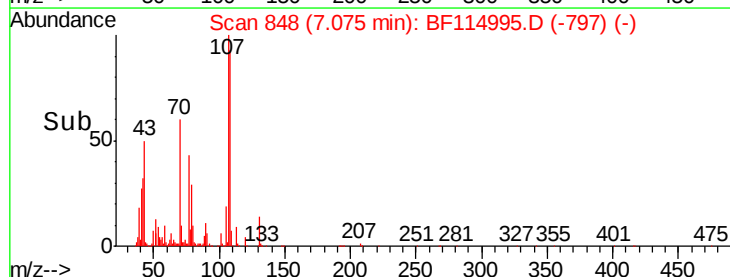
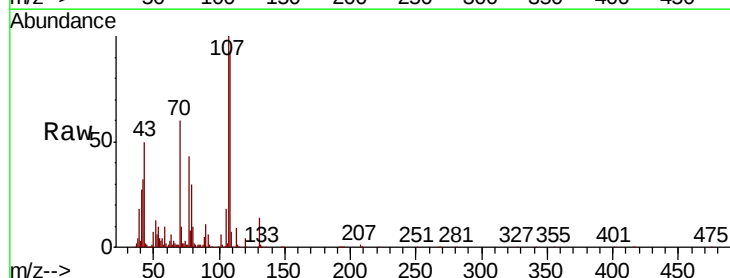
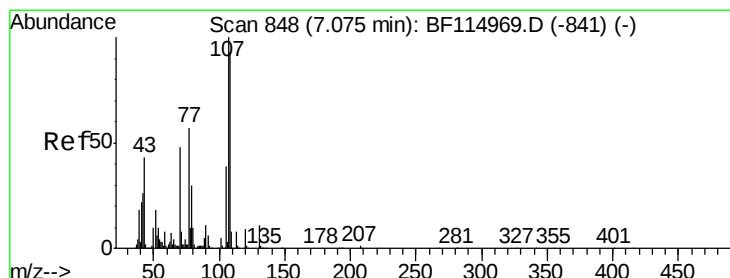
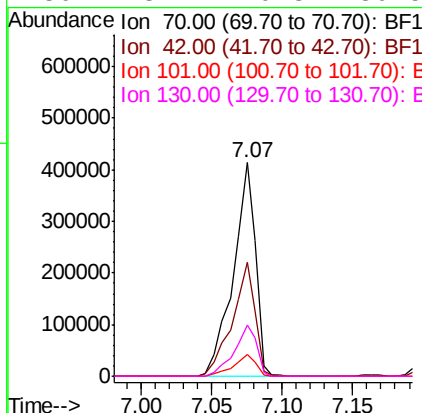
#19
n-Nitroso-di-n-propylamine
Concen: 33.520 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

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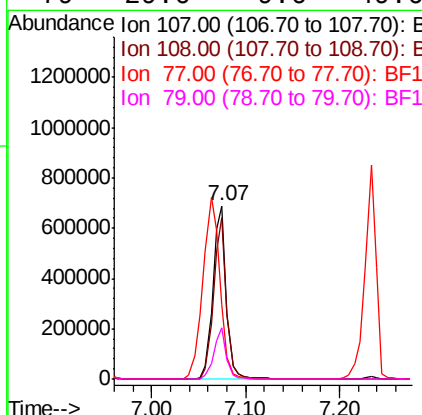
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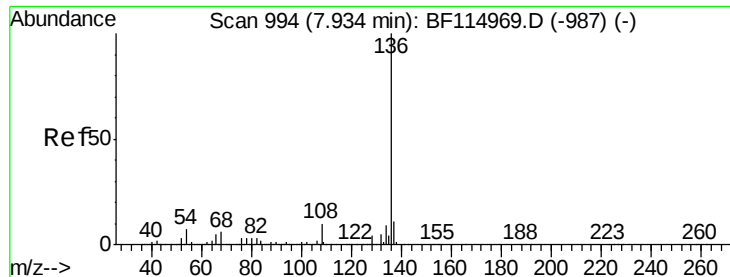
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.5	40.3	60.5	
101	10.0	8.2	12.4	
130	23.7	20.3	30.5	



#20
3+4-Methylphenols
Concen: 33.473 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.0	73.1	113.1	
77	43.0	37.3	77.3	
79	29.6	9.6	49.6	





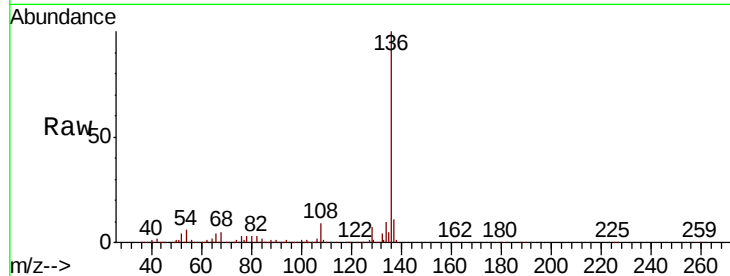
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.3	5.4	8.0
68	5.5	4.6	7.0

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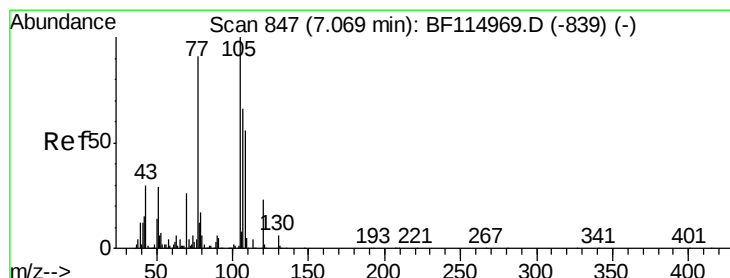
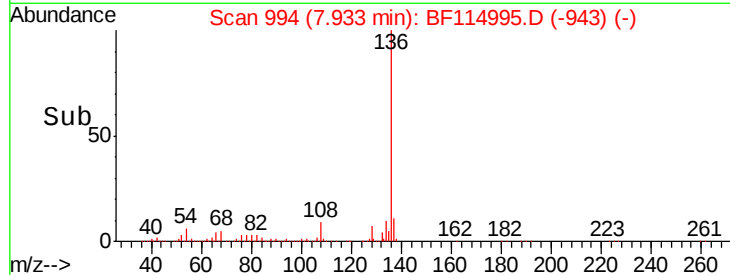
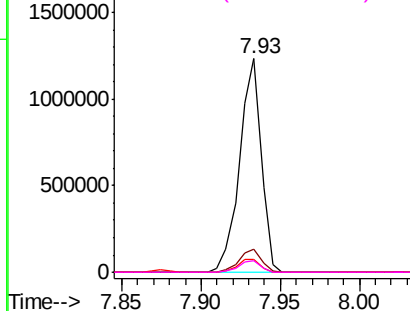
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.096 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.8	3.4	5.2#
51	26.0	23.3	34.9
120	23.0	18.8	28.2

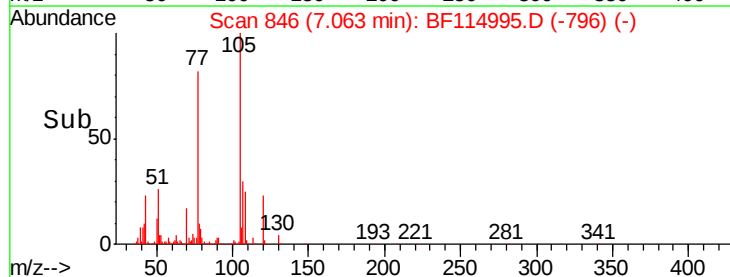
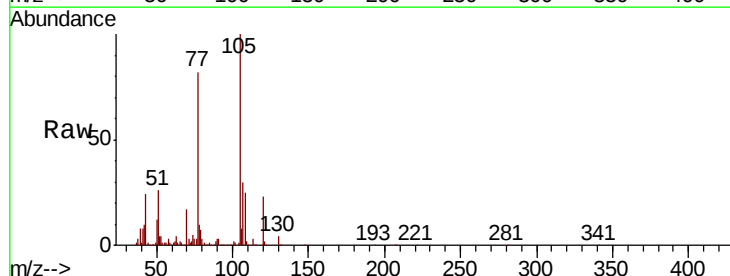
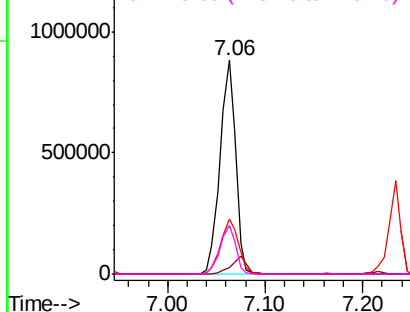
Abundance

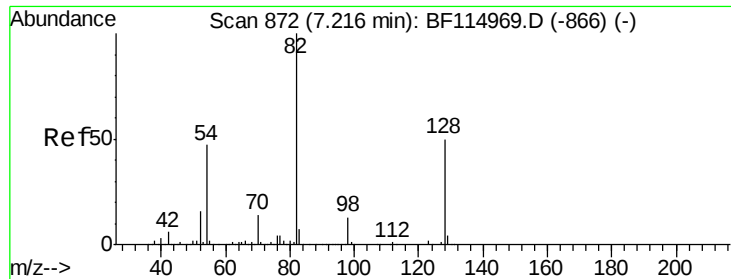
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





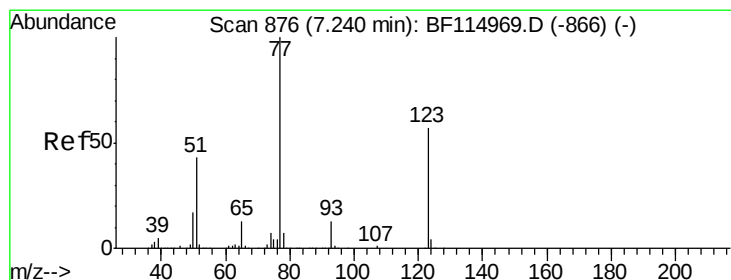
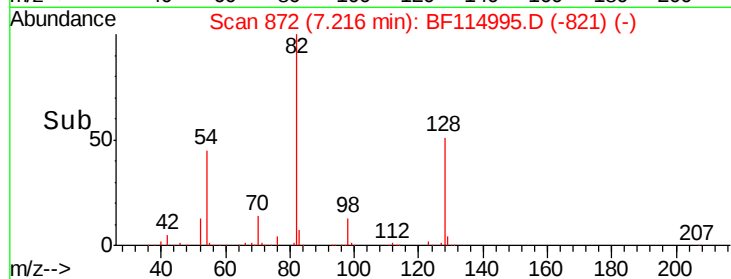
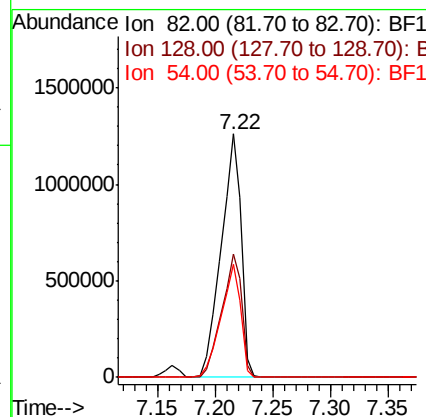
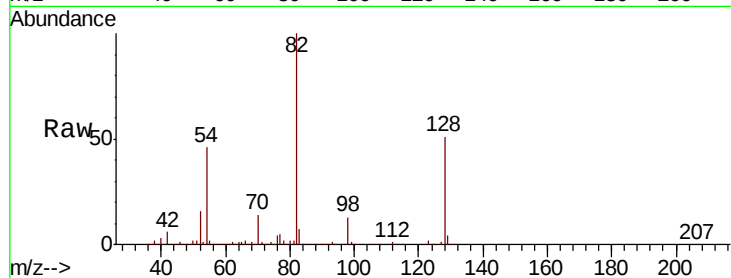
#23
Nitrobenzene-d5
Concen: 77.792 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion: 82 Resp: 1511670
Ion Ratio Lower Upper
82 100
128 50.7 39.9 59.9
54 46.3 37.3 55.9

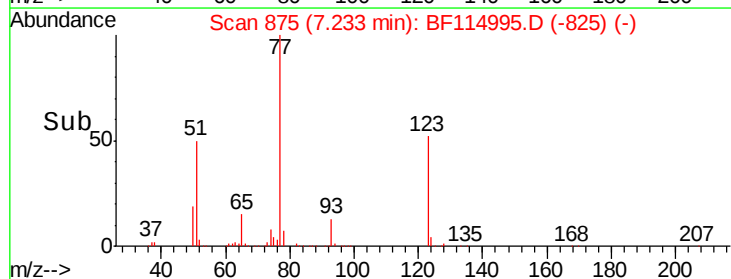
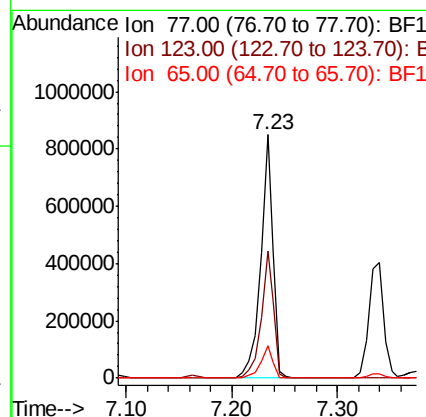
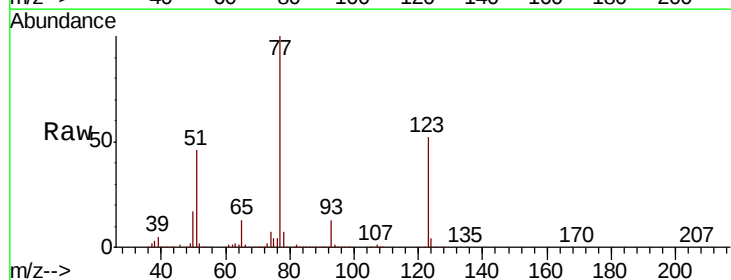
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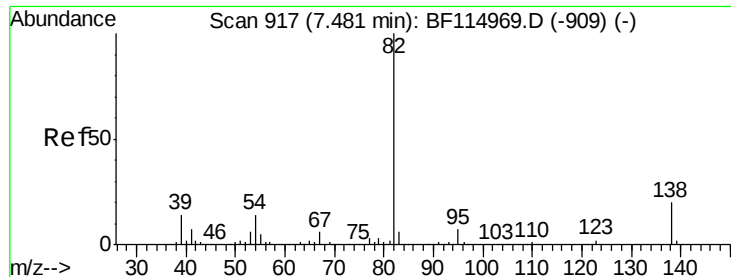
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#24
Nitrobenzene
Concen: 35.697 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion: 77 Resp: 705768
Ion Ratio Lower Upper
77 100
123 52.2 45.5 68.3
65 13.2 10.3 15.5





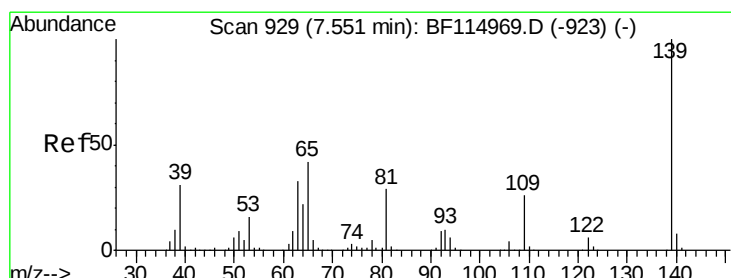
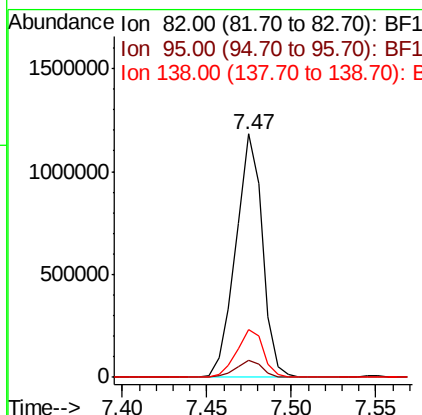
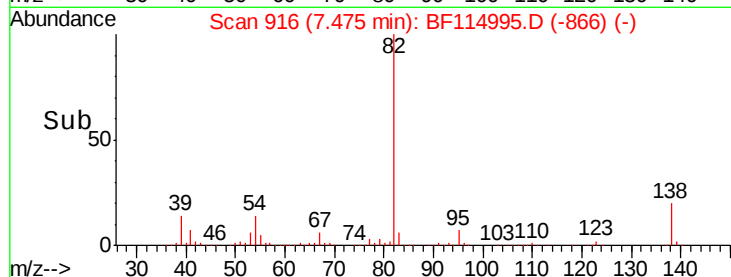
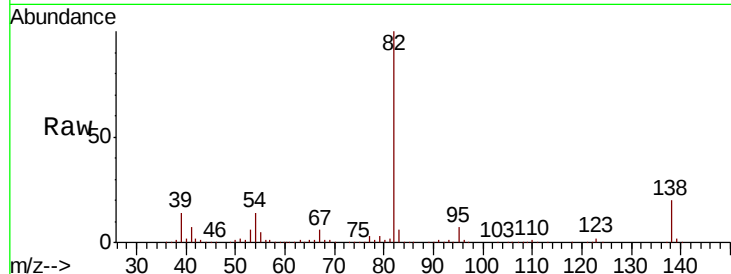
#25
Isophorone
Concen: 35.748 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	82	Resp	1301060
Ion Ratio	100	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	19.7	16.1	24.1

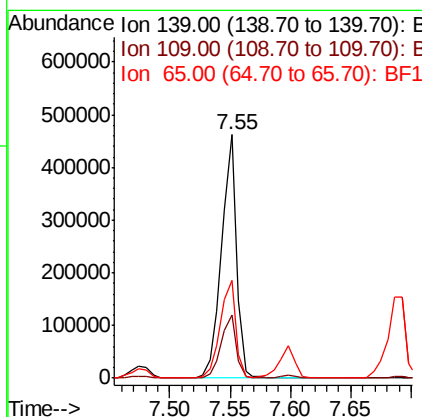
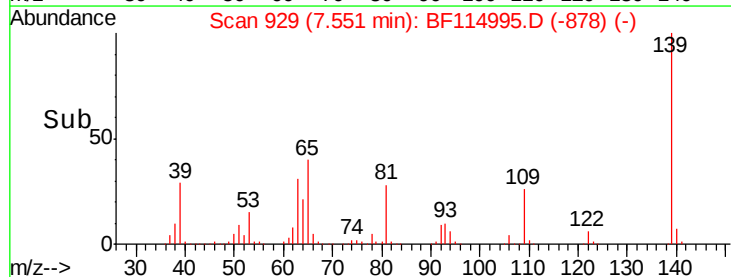
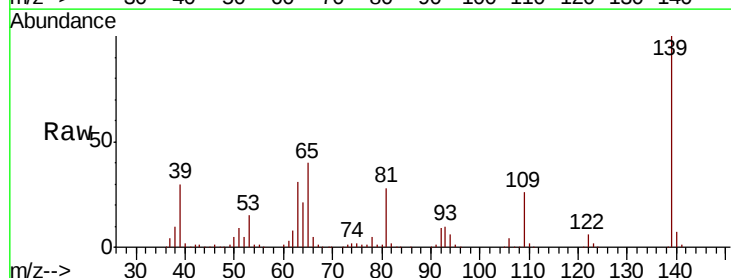
Manual Integrations
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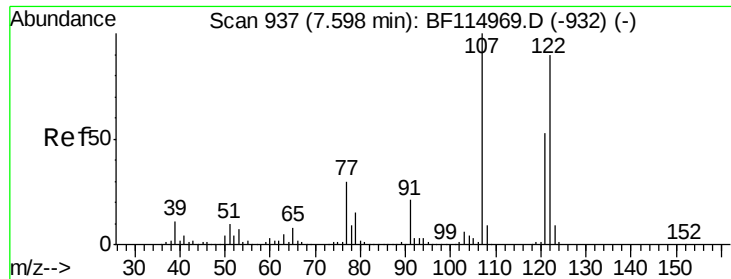
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#26
2-Nitrophenol
Concen: 35.904 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	139	Resp	395671
Ion Ratio	100	Lower	Upper
139	100		
109	25.9	20.8	31.2
65	39.9	33.4	50.2





#27

2,4-Dimethylphenol

Concen: 39.082 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

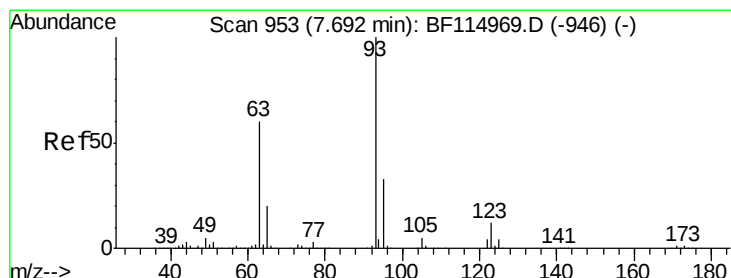
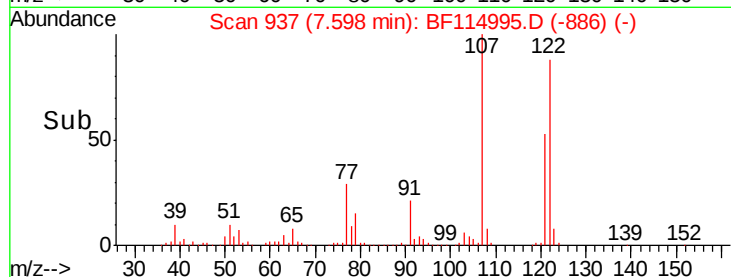
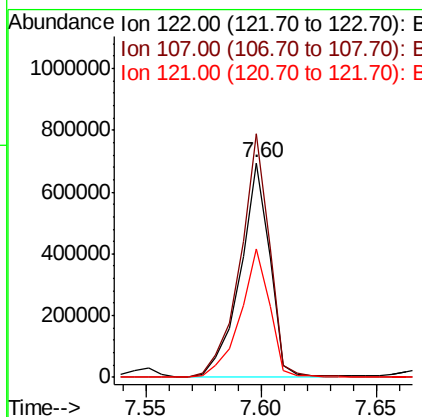
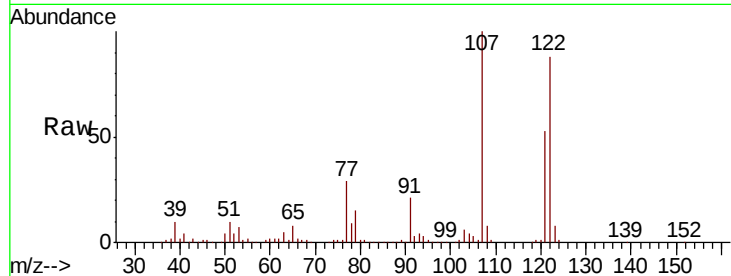
ClientSampleId :

200030-200034MS

Tot Ion:	122	Resp:	621314
Ion Ratio	Lower	Upper	
122	100		
107	113.7	88.8	133.2
121	60.0	47.4	71.0

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#28

bis(2-Chloroethoxy)methane

Concen: 35.150 ng

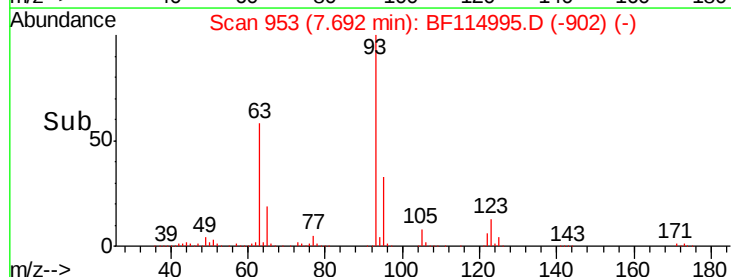
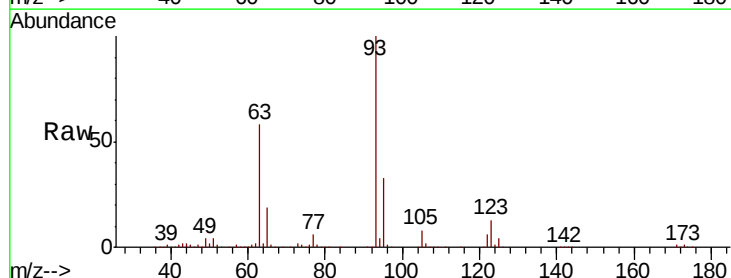
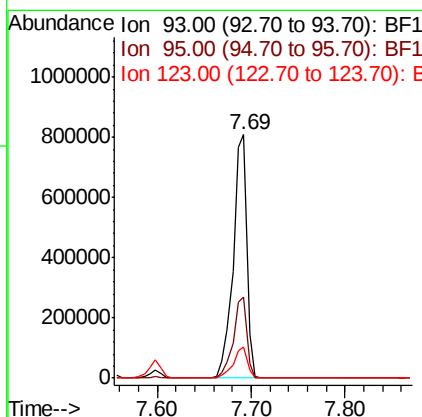
RT: 7.69 min Scan# 953

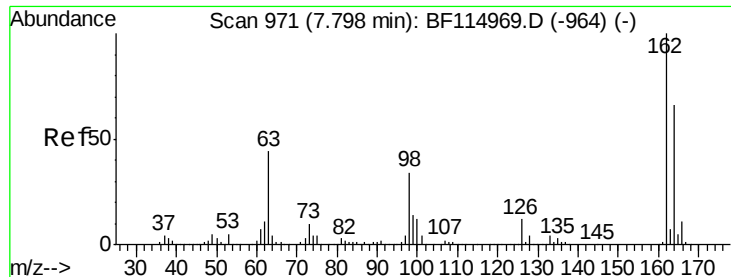
Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Tgt Ion:	93	Resp:	820783
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.6	40.0
123	12.8	9.9	14.9





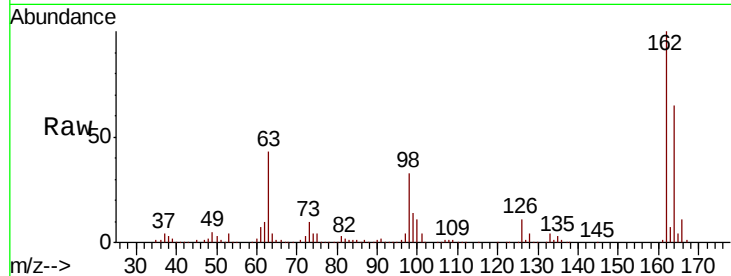
#29
2,4-Dichlorophenol
Concen: 36.050 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.7	85.7
98	32.8	14.0	54.0

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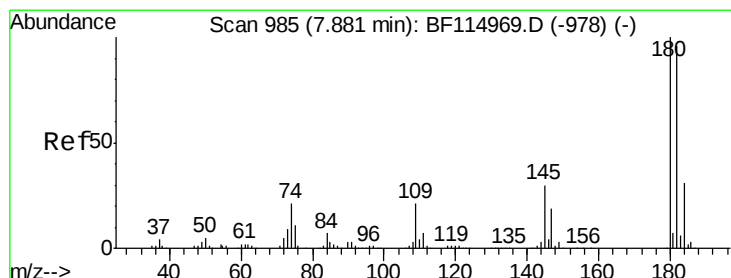
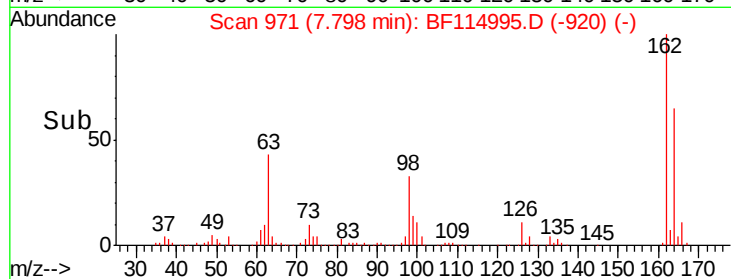
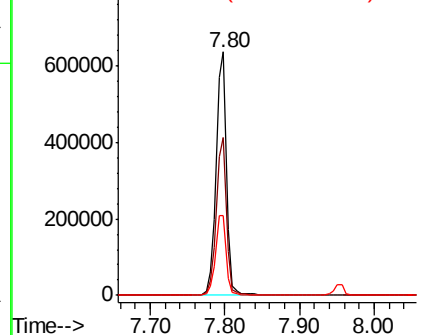


Abundance

Ion 162.00 (161.70 to 162.70): E

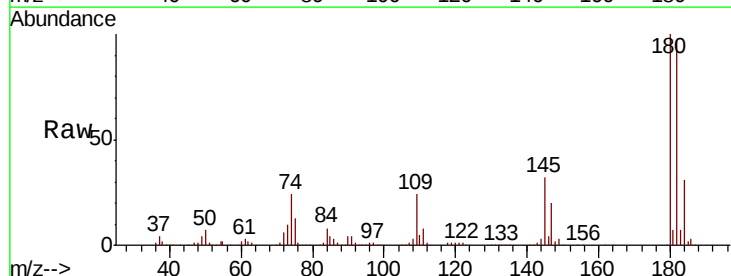
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 34.287 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.7	115.1
145	31.5	24.1	36.1

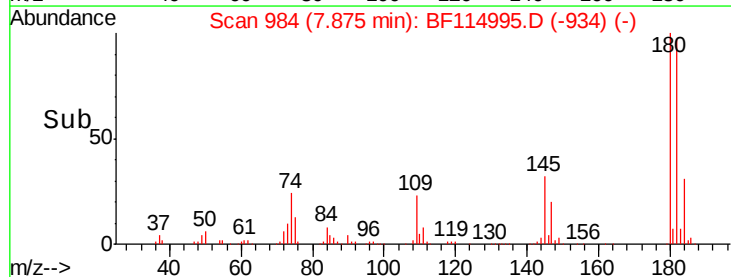
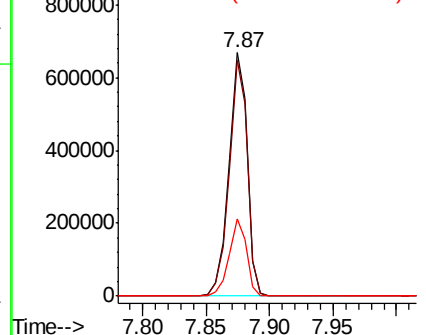


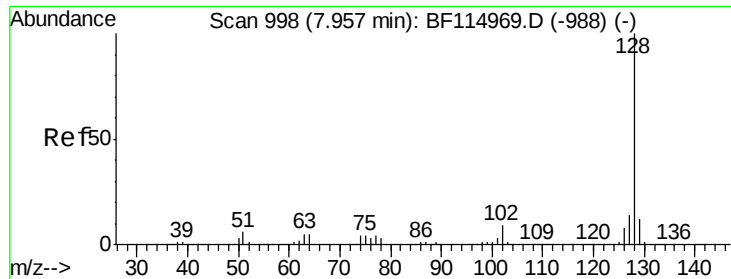
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





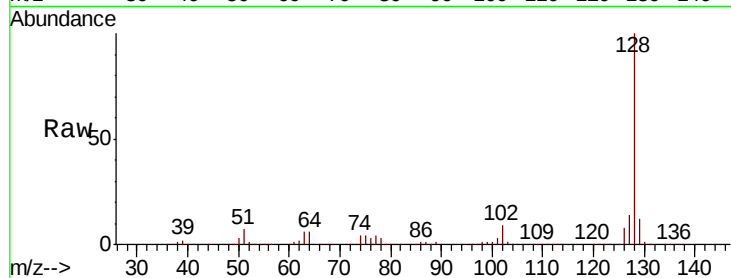
#31
Naphthalene
Concen: 35.575 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.5	14.3
127	14.1	11.5	17.3

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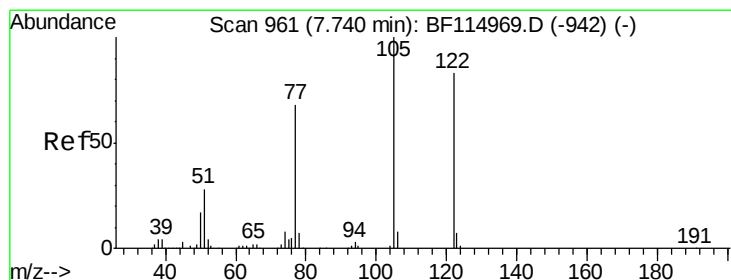
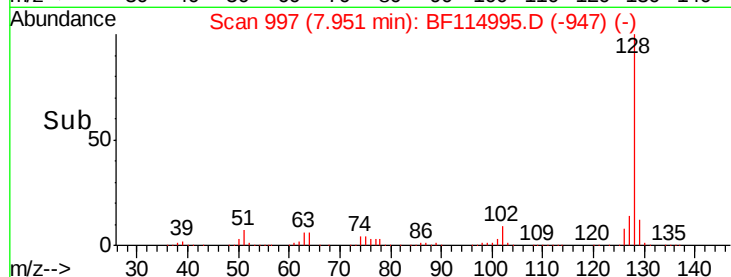
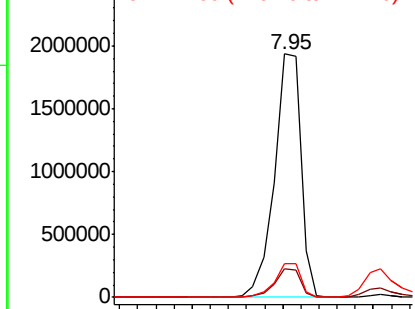


Abundance

Ion 128.00 (127.70 to 128.70): E

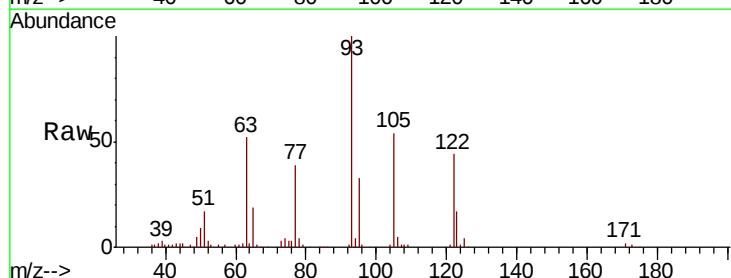
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 11.207 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.04 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	98.6	138.6
77	87.3	60.9	100.9

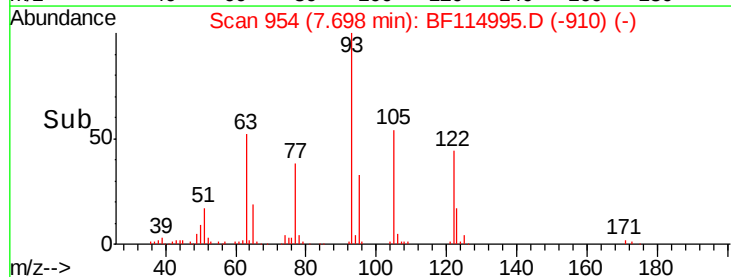
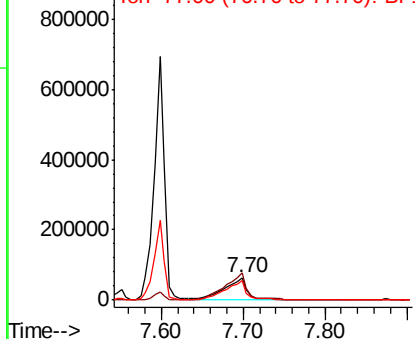


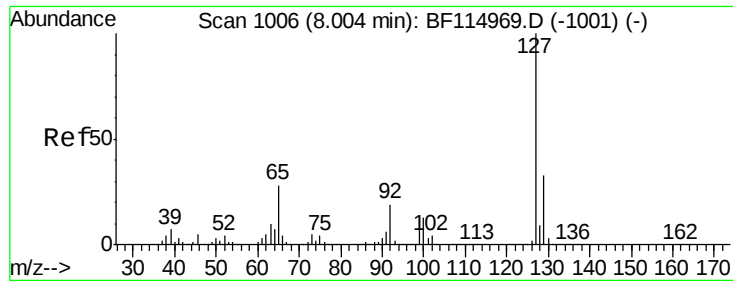
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





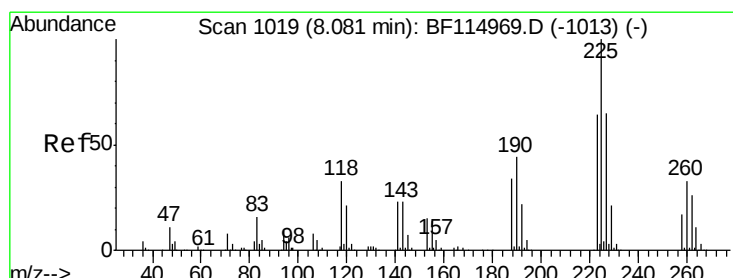
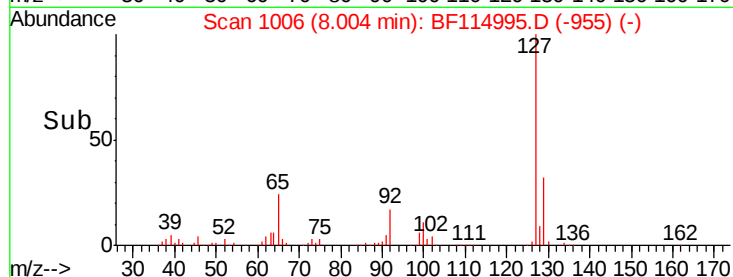
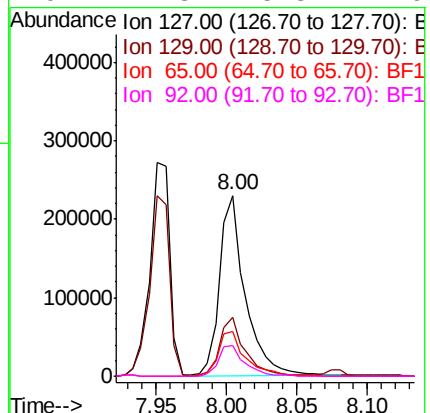
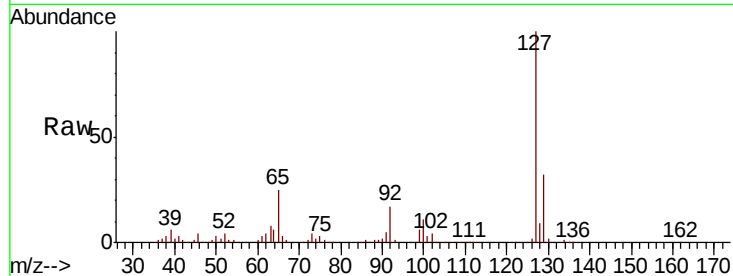
#33
4-Chloroaniline
Concen: 11.406 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		291371		
129	32.4	26.1	39.1		
65	24.5	22.3	33.5		
92	17.3	15.3	22.9		

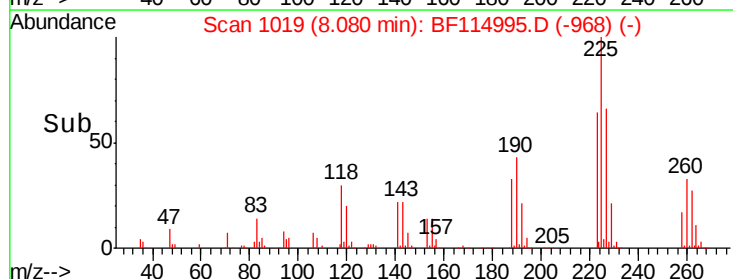
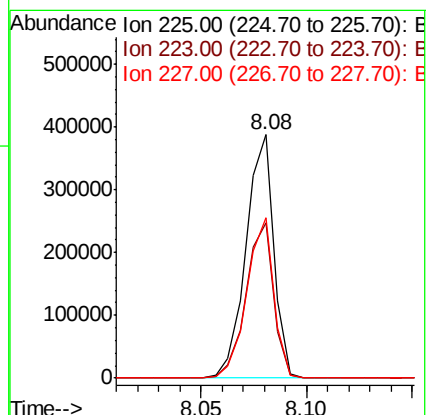
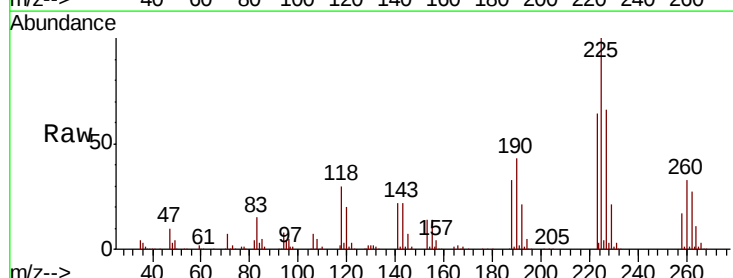
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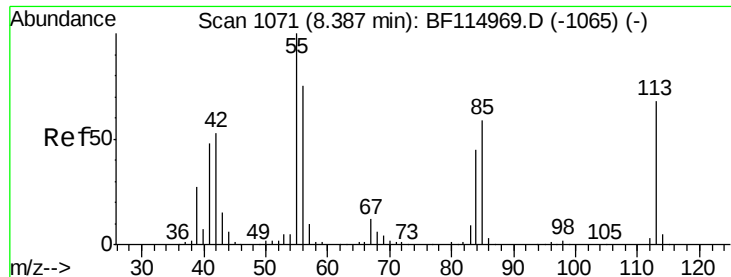
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#34
Hexachlorobutadiene
Concen: 32.679 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		352494		
223	63.9	51.0	76.6		
227	66.0	51.7	77.5		





#35

Caprolactam

Concen: 31.349 ng/mL

RT: 8.37 min Scan# 1068

Delta R.T. -0.02 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

ClientSampleId :

200030-200034MS

Tot Ion:113 Resp: 175358

Ion Ratio Lower Upper

113 100

55 148.1 127.3 167.3

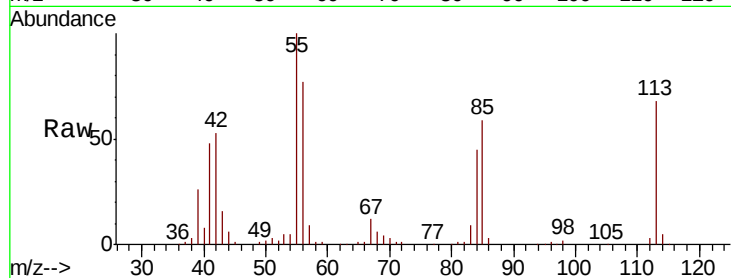
56 113.4 90.6 130.6

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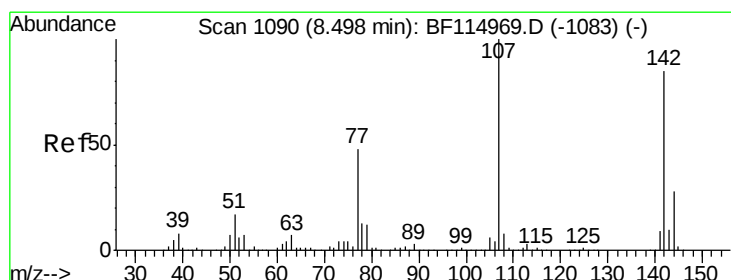
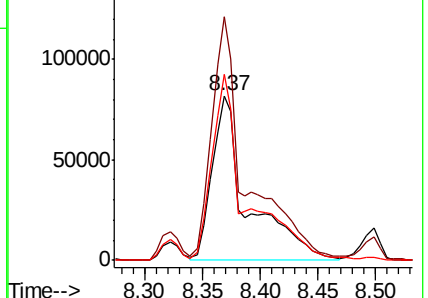
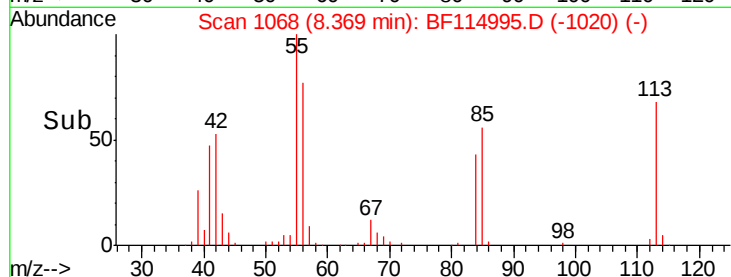
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.410 ng/mL

RT: 8.50 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

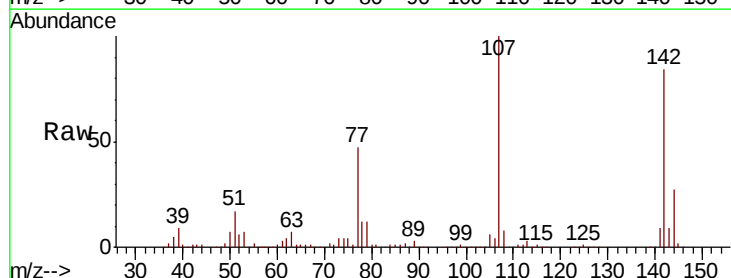
Tgt Ion:107 Resp: 616222

Ion Ratio Lower Upper

107 100

144 27.2 22.0 33.0

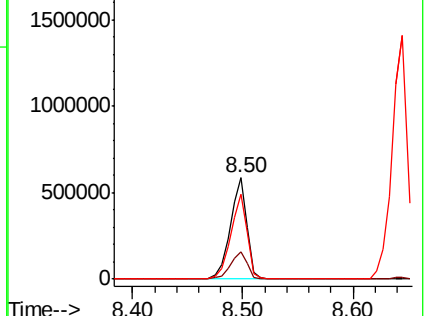
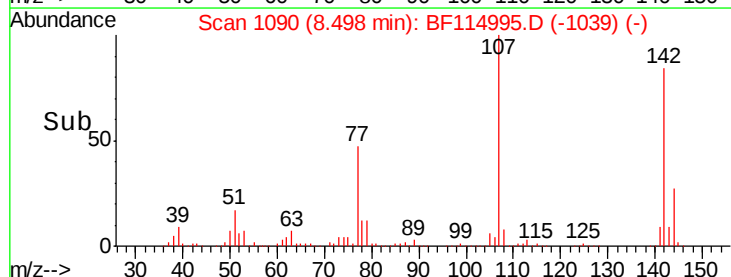
142 83.7 68.2 102.4

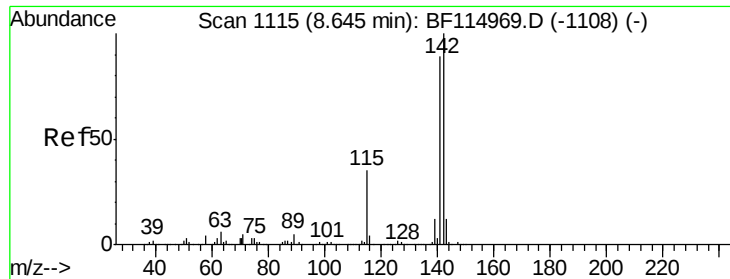


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





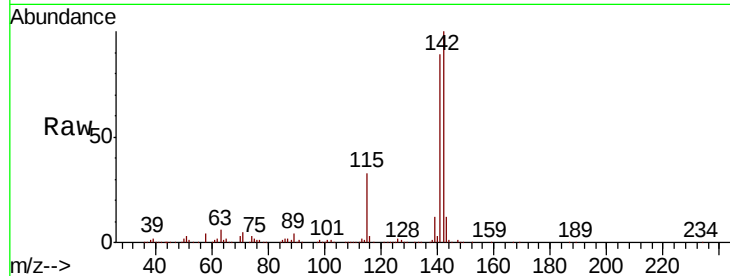
#37
2-Methylnaphthalene
Concen: 35.516 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	33.1	27.9	41.9

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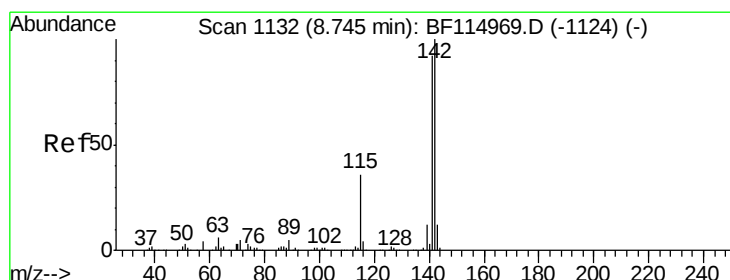
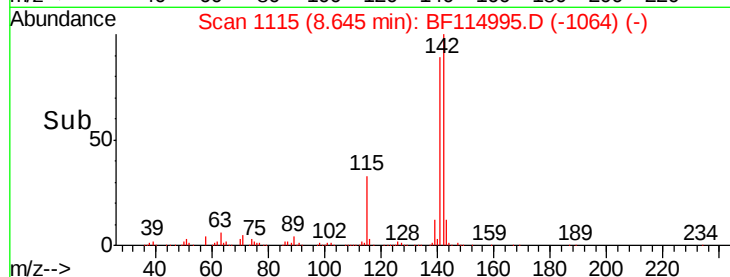
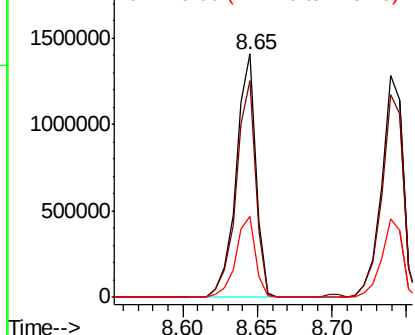


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 35.796 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

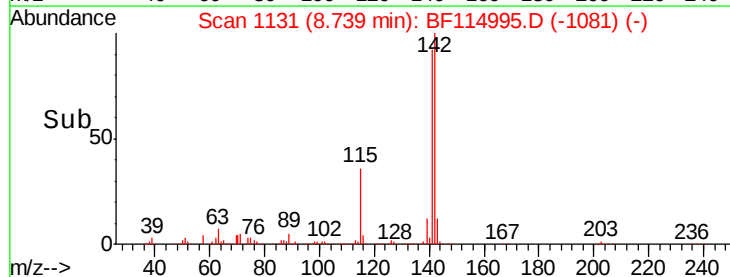
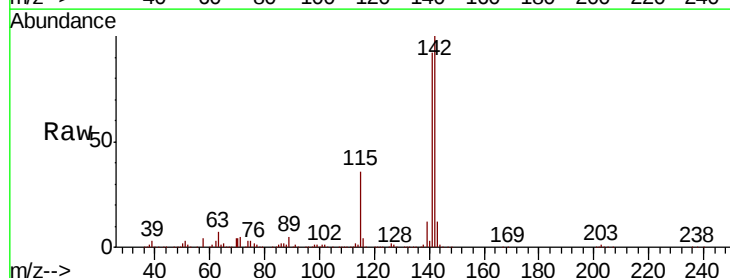
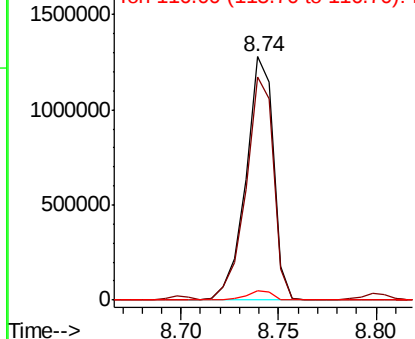
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.8	110.8
116	3.7	2.9	4.3

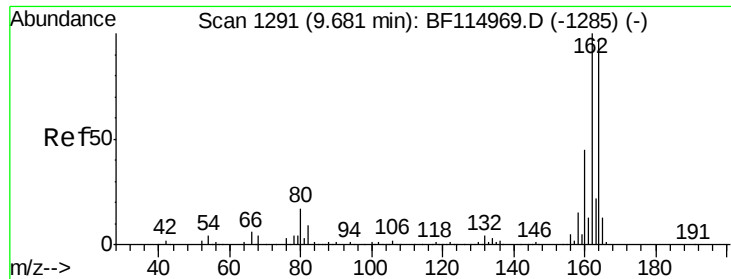
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





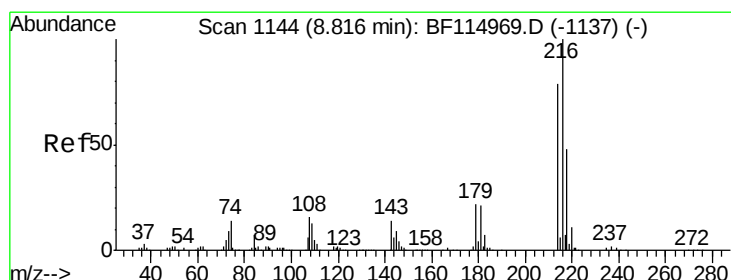
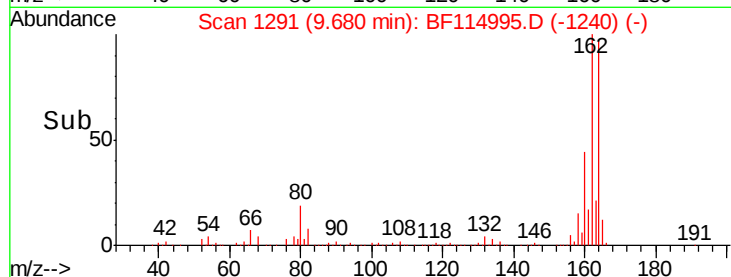
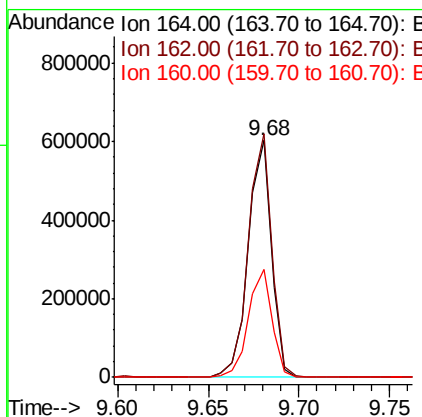
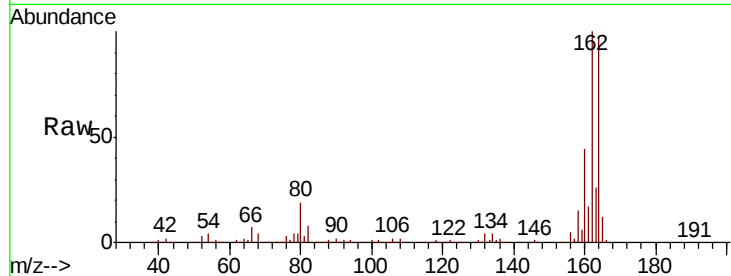
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	124.0
160	45.6	36.9	55.3

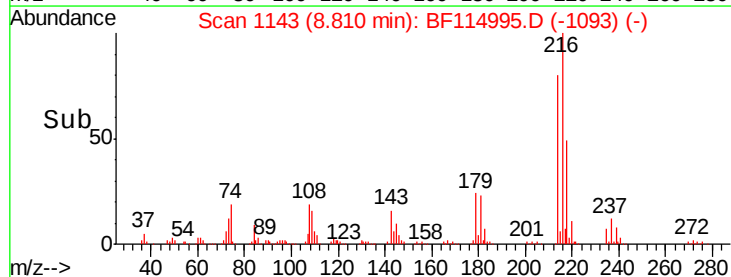
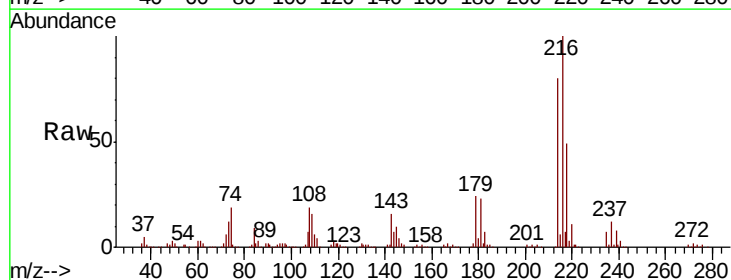
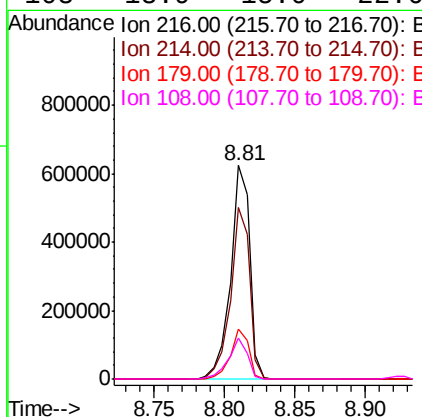
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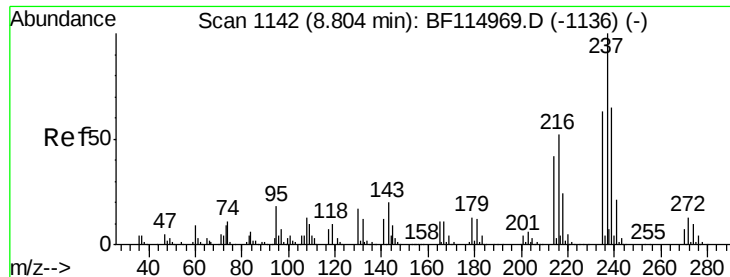
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.095 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.7	95.5
179	22.7	18.2	27.4
108	18.9	15.0	22.6





#41

Hexachlorocyclopentadiene

Concen: 36.205 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

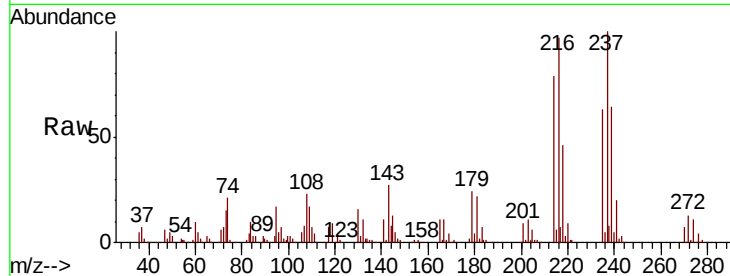
ClientSampleId :

200030-200034MS

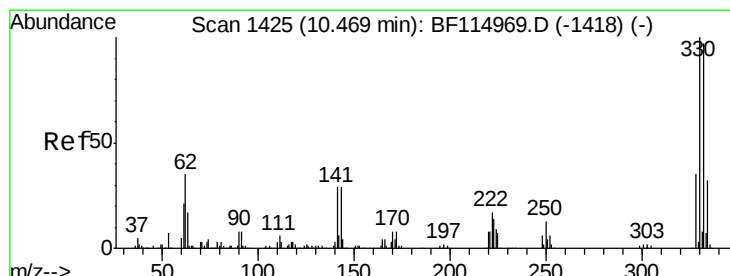
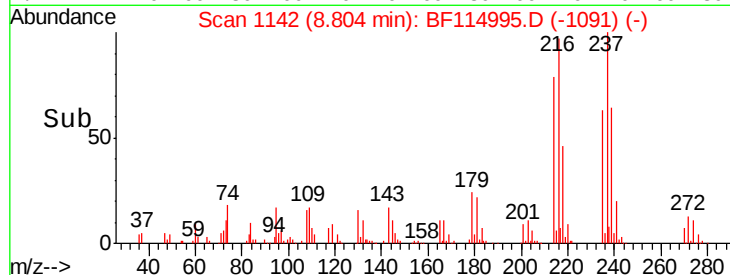
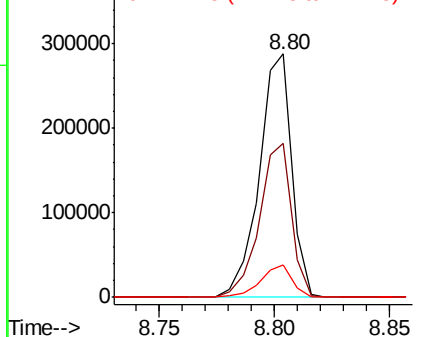
Tot Ion:	237	Resp:	282178
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.7	82.7
272	13.2	0.0	32.7

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



#42

2,4,6-Tribromophenol

Concen: 100.761 ng

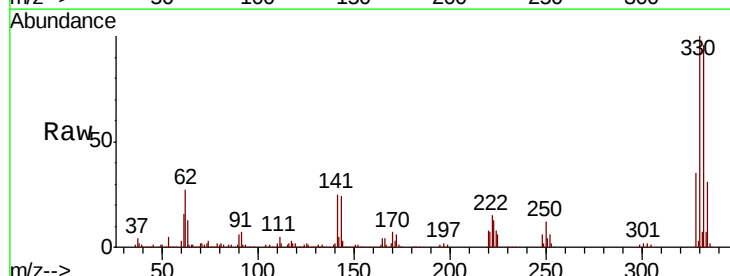
RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

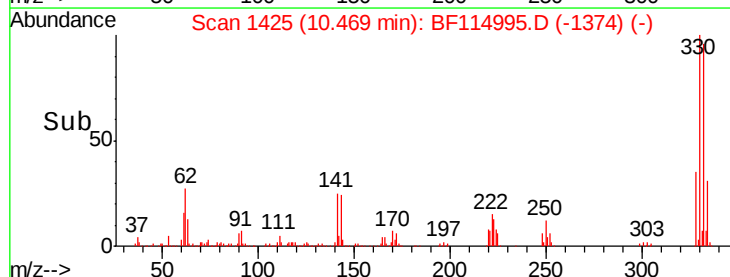
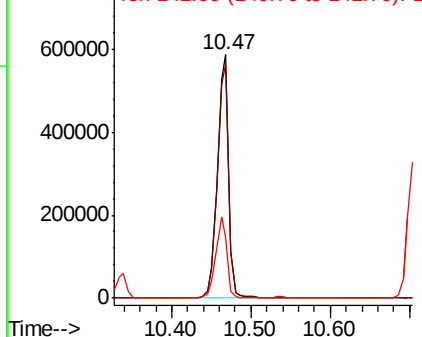
Lab File: BF114995.D

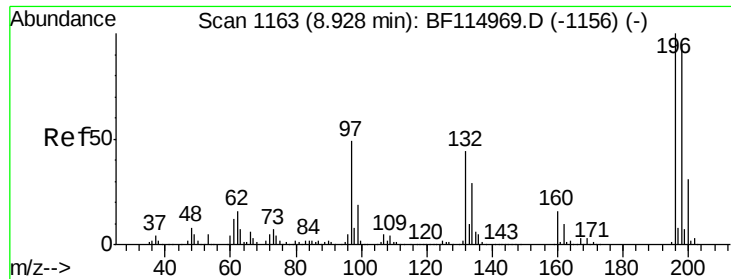
Acq: 13 Jun 2019 11:38

Tgt Ion:	330	Resp:	577665
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.6	116.4
141	33.3	27.2	40.8



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





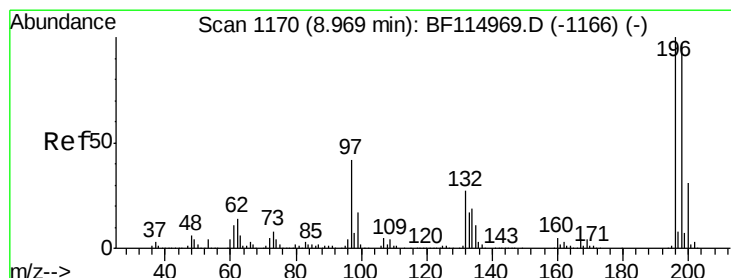
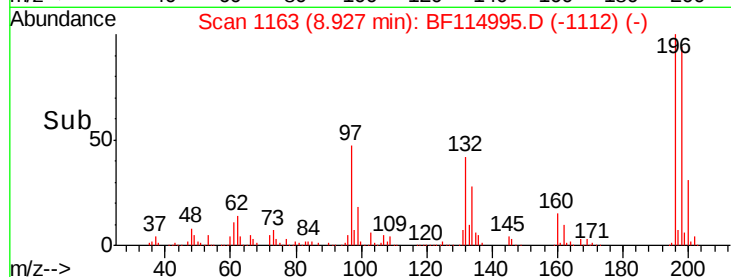
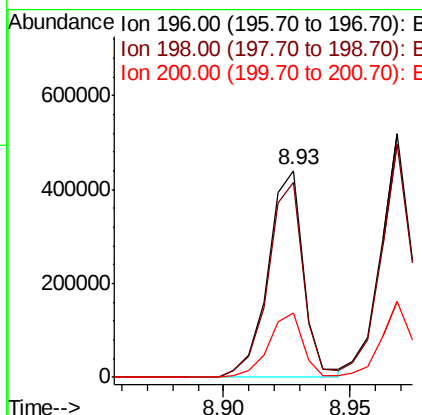
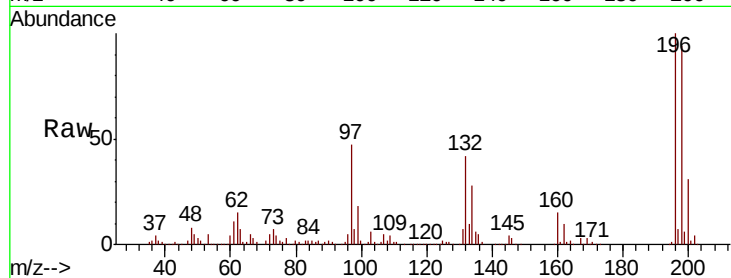
#43
 2,4,6-Trichlorophenol
 Concen: 36.087 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF114995.D
 Acq: 13 Jun 2019 11:38

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	426323		
198	94.2	75.8	113.8	
200	31.0	24.9	37.3	

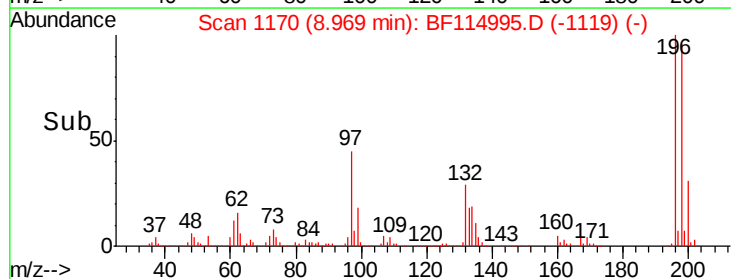
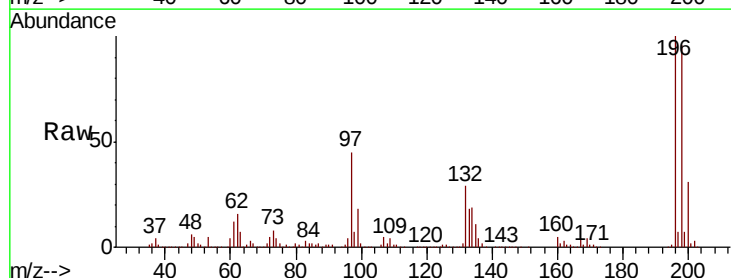
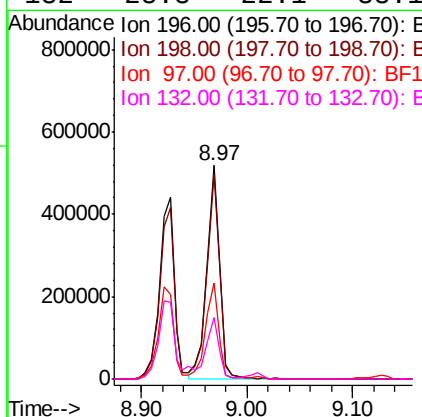
Manual Integrations
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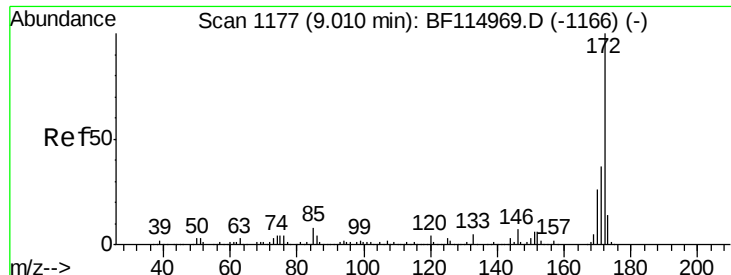
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 36.779 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF114995.D
 Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	439101		
198	95.7	77.3	115.9	
97	44.8	34.2	51.4	
132	28.8	22.1	33.1	





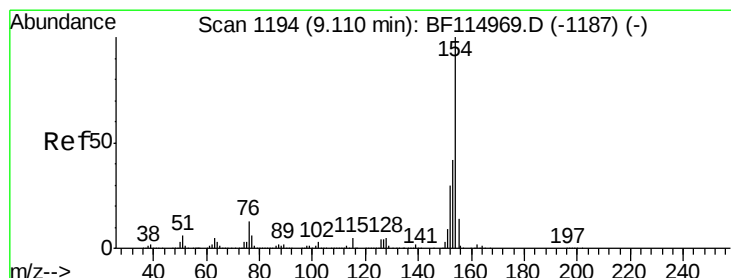
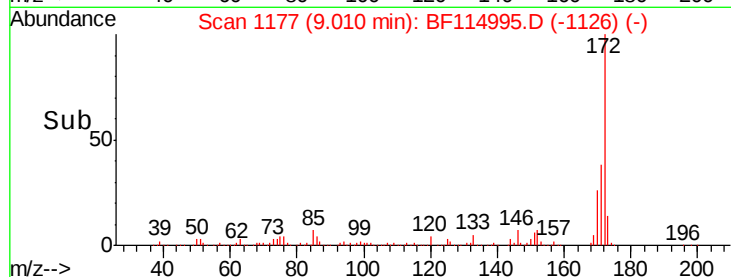
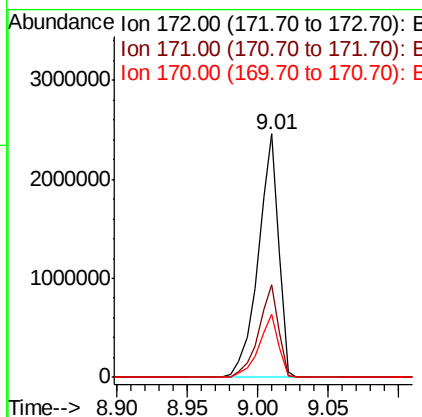
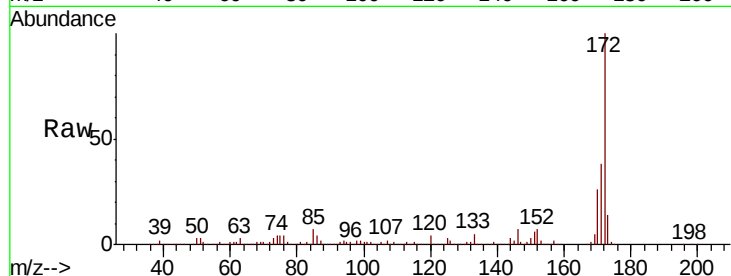
#45
2-Fluorobiphenyl
Concen: 79.430 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.8	44.6
170	26.0	20.6	31.0

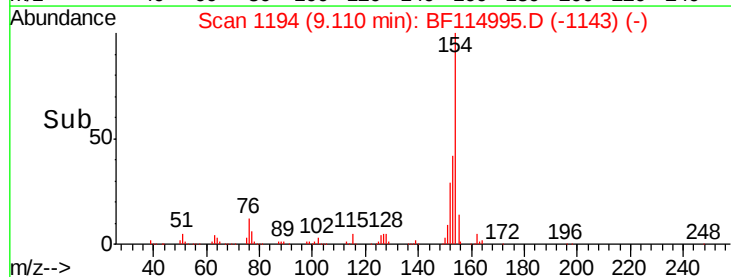
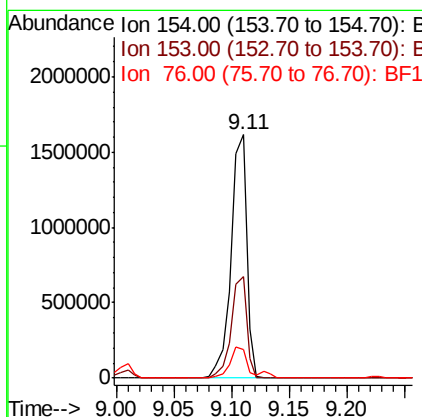
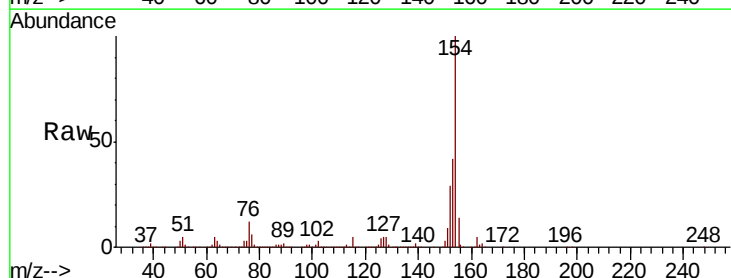
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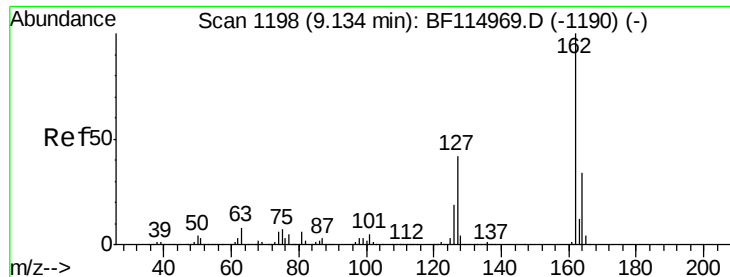
mohammad
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#46
1,1'-Biphenyl
Concen: 35.507 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.4	62.4
76	11.8	0.0	33.3





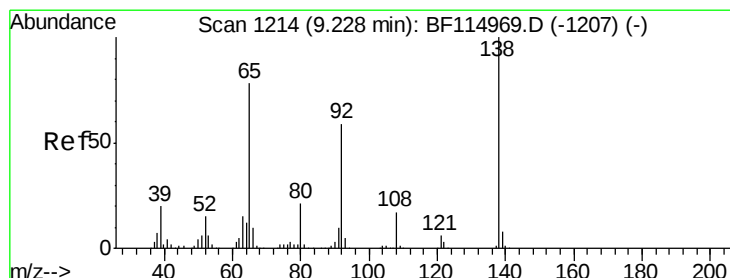
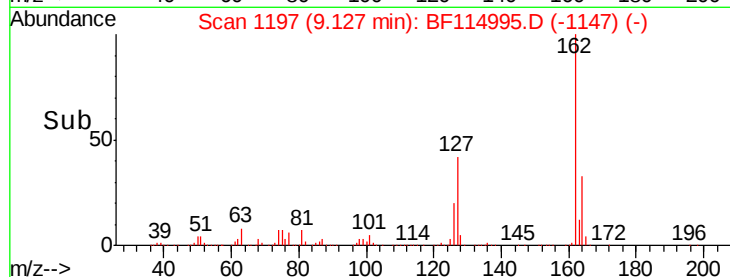
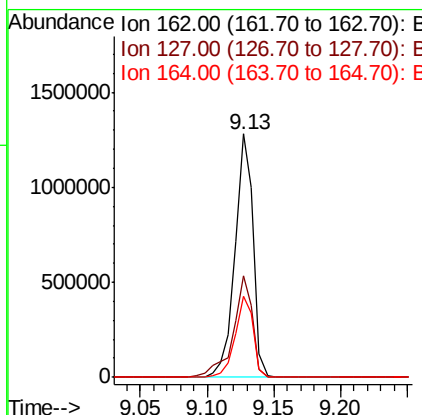
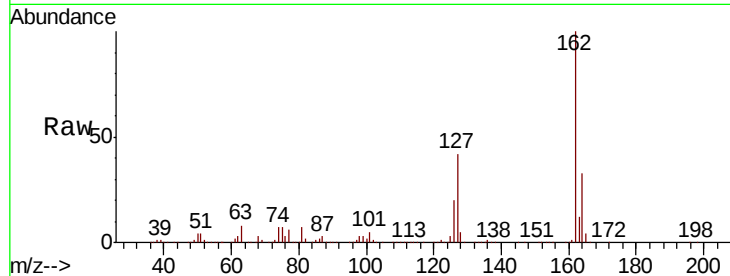
#47
 2-Chloronaphthalene
 Concen: 35.187 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF114995.D
 Acq: 13 Jun 2019 11:38

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.4	50.2
164	33.5	27.2	40.8

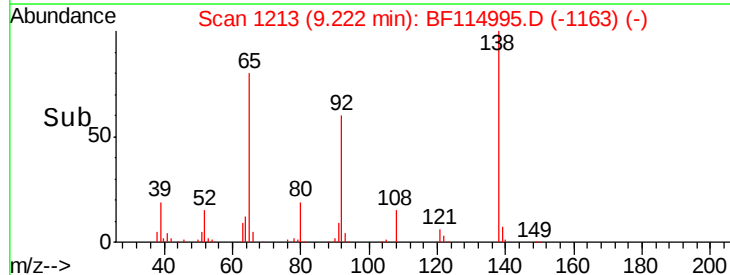
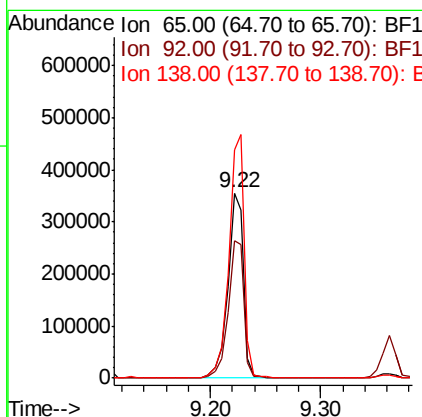
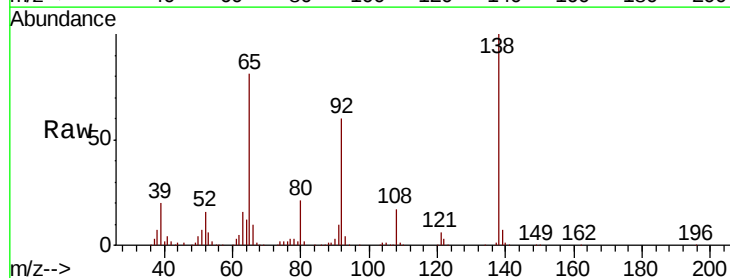
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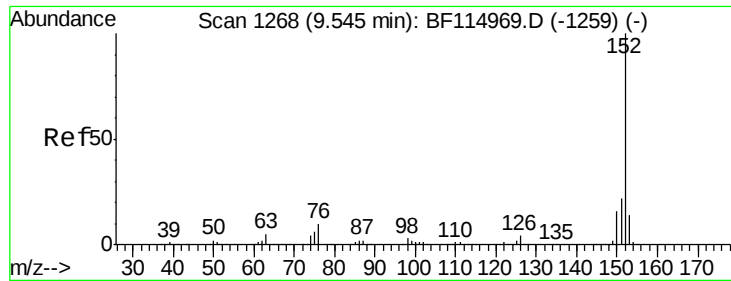
mohammad
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#48
 2-Nitroaniline
 Concen: 34.013 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF114995.D
 Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	60.5	90.7
138	123.4	102.0	153.0





#49

Acenaphthylene

Concen: 34.784 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

ClientSampleId :

200030-200034MS

Tot Ion:152 Resp: 1855353

Ion Ratio Lower Upper

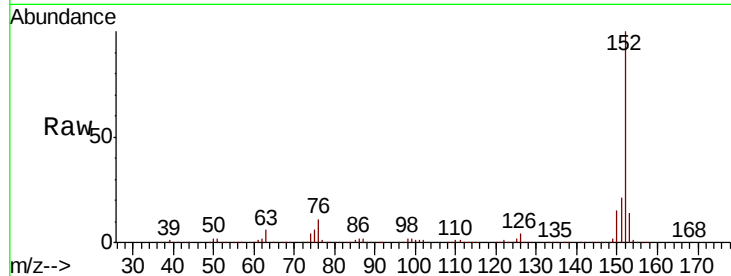
152 100

151 21.2 17.5 26.3

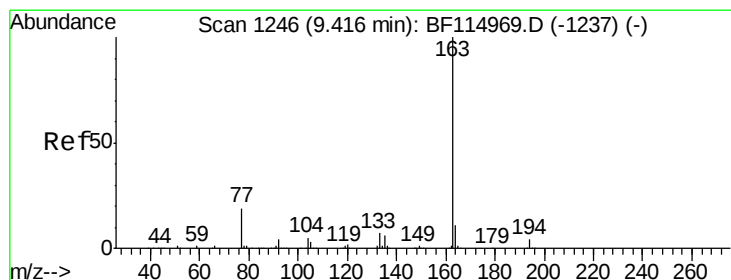
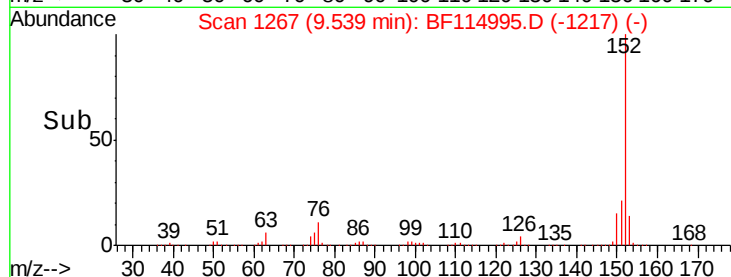
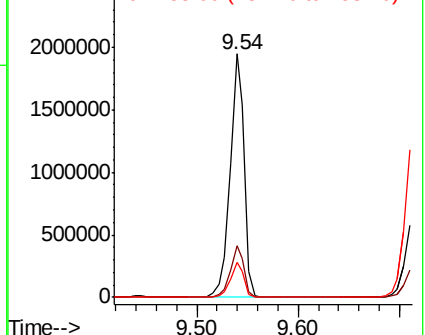
153 14.2 11.2 16.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.150 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

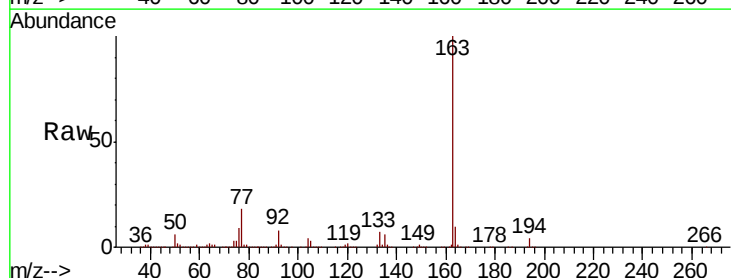
Tgt Ion:163 Resp: 1737296

Ion Ratio Lower Upper

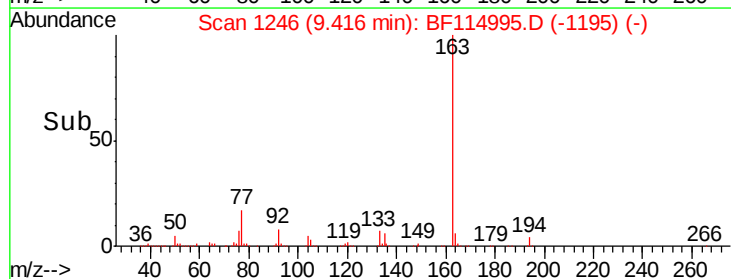
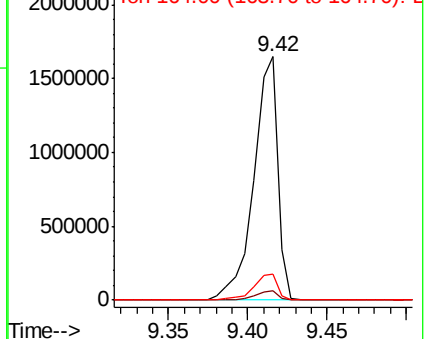
163 100

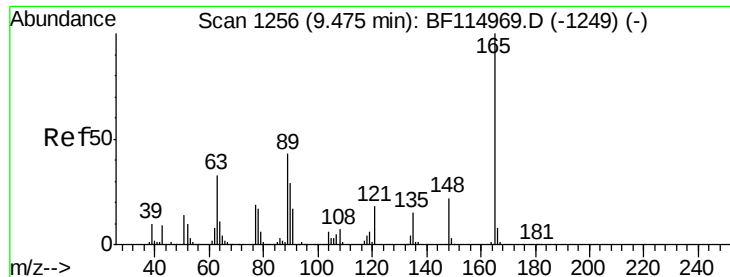
194 4.0 3.3 4.9

164 10.5 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.483 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

ClientSampleId :

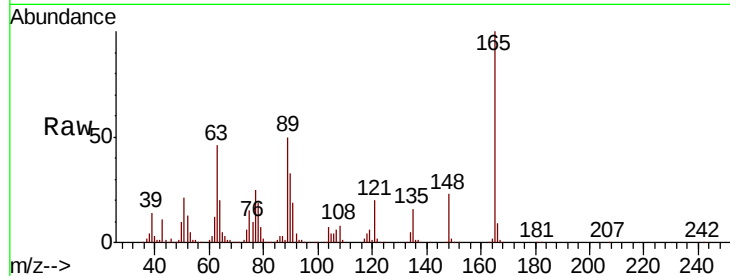
200030-200034MS

Tot Ion:165 Resp: 333195
Ion Ratio Lower Upper

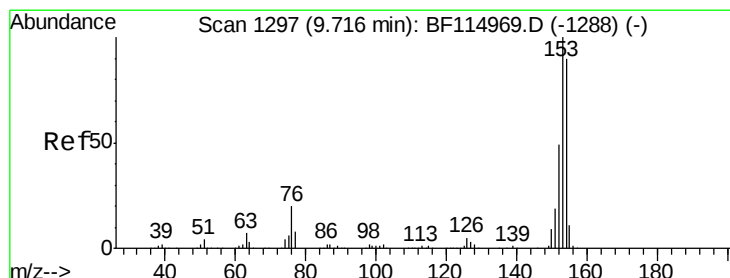
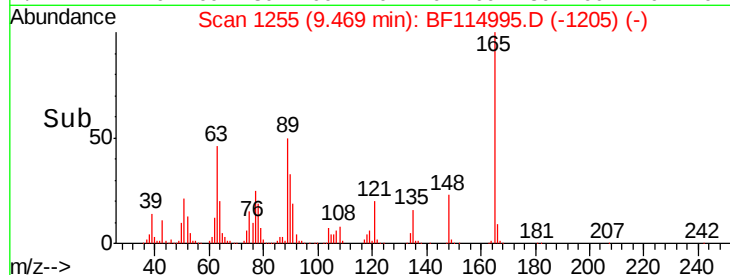
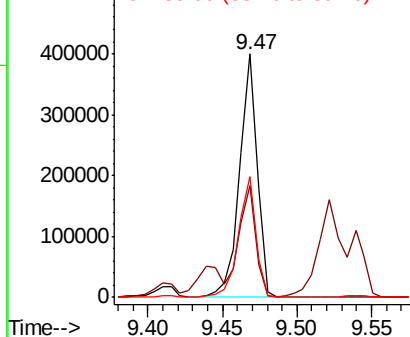
165	100		
63	45.7	30.6	46.0
89	49.8	34.4	51.6

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



#52

Acenaphthene

Concen: 34.878 ng

RT: 9.72 min Scan# 1297

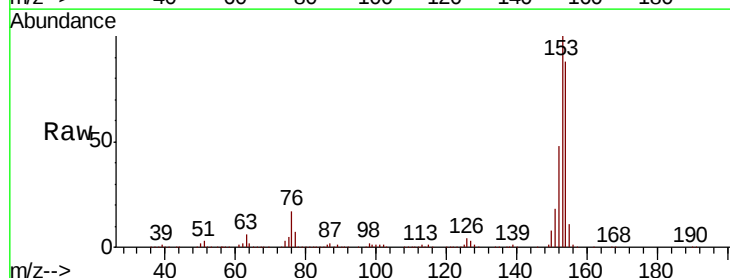
Delta R.T. -0.00 min

Lab File: BF114995.D

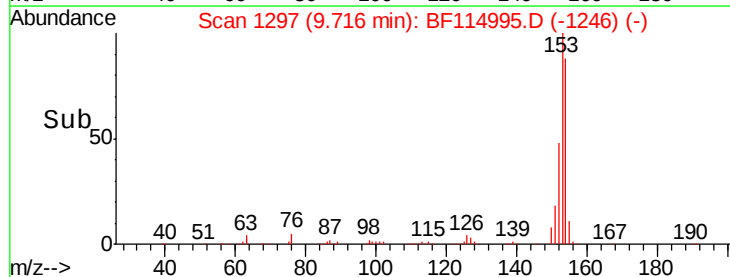
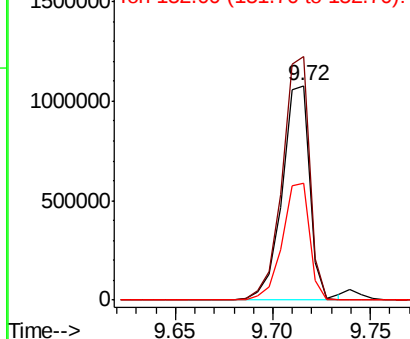
Acq: 13 Jun 2019 11:38

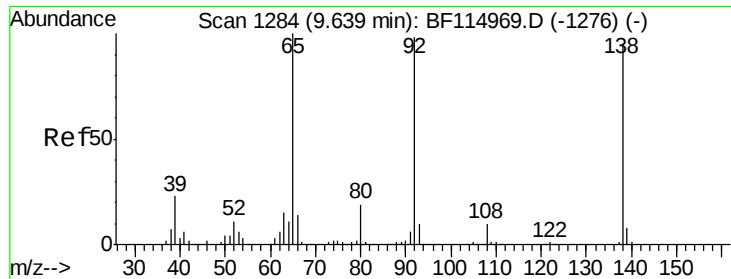
Tgt Ion:154 Resp: 1064372
Ion Ratio Lower Upper

154	100		
153	113.4	88.5	132.7
152	54.2	43.6	65.4



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





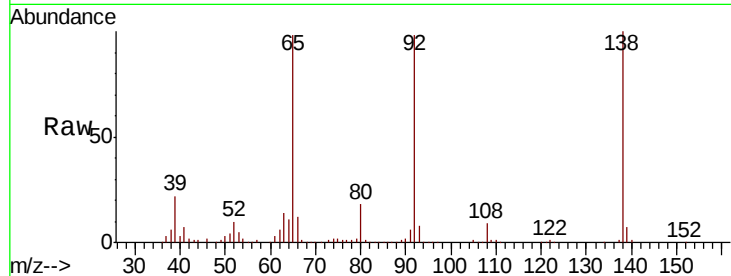
#53
3-Nitroaniline
Concen: 22.311 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	249656		
108	8.9		8.0	12.0
92	98.3		82.4	123.6

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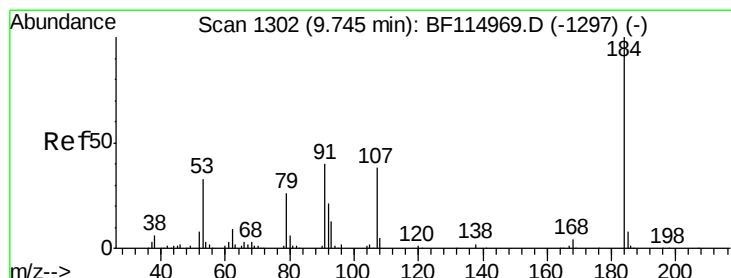
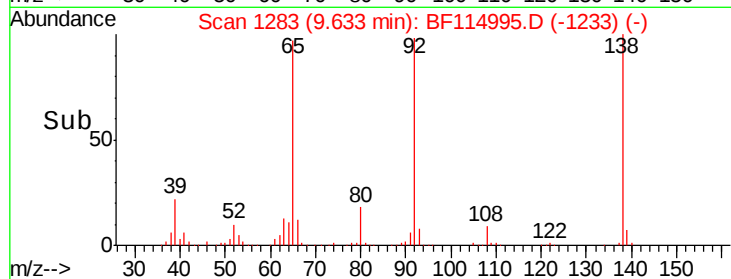
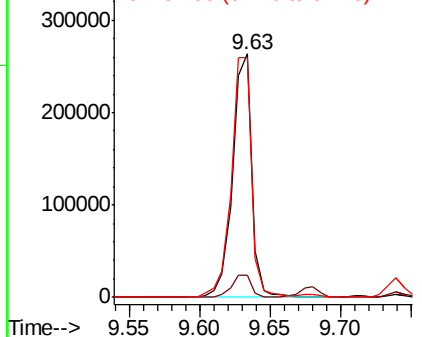


Abundance

Ion 138.00 (137.70 to 138.70): E

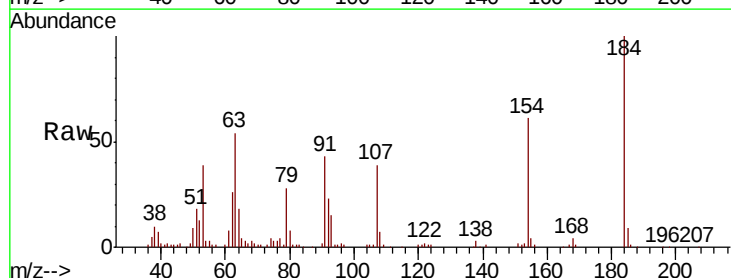
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 18.655 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	82639		
63	54.1		40.5	60.7
154	60.7		44.8	67.2

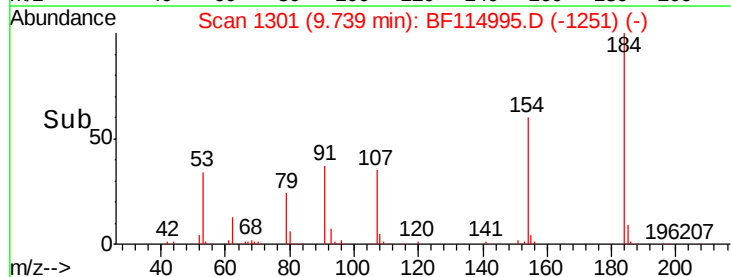
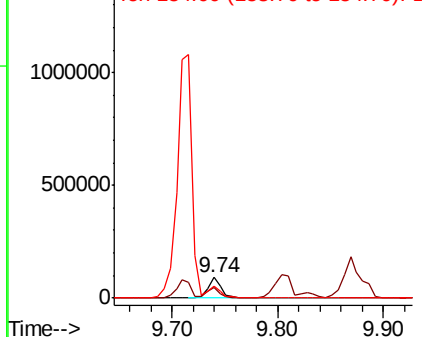


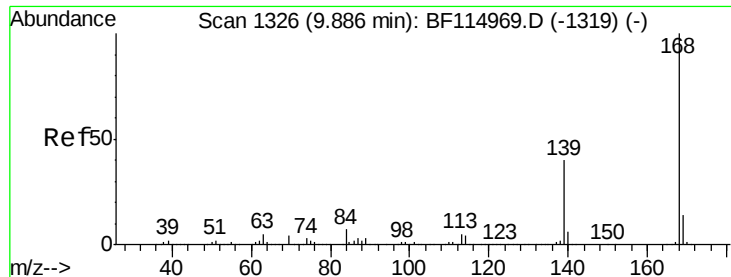
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





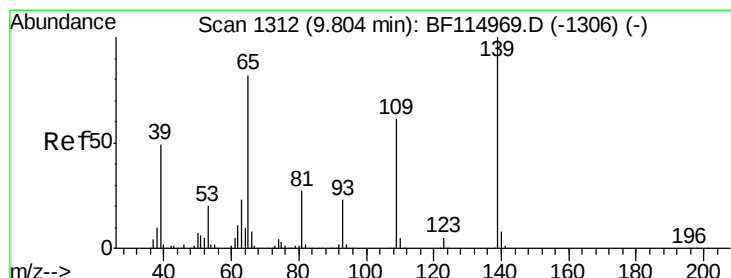
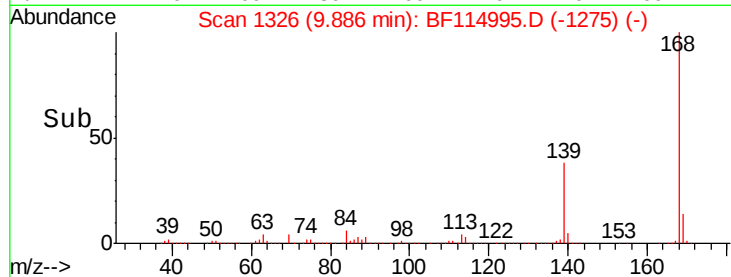
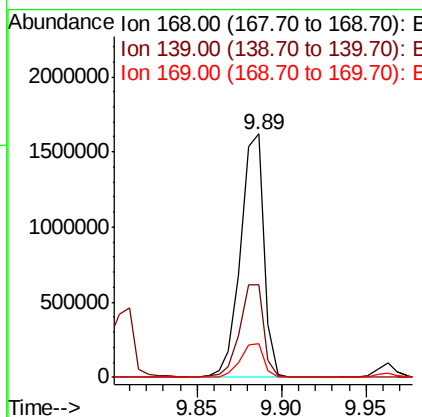
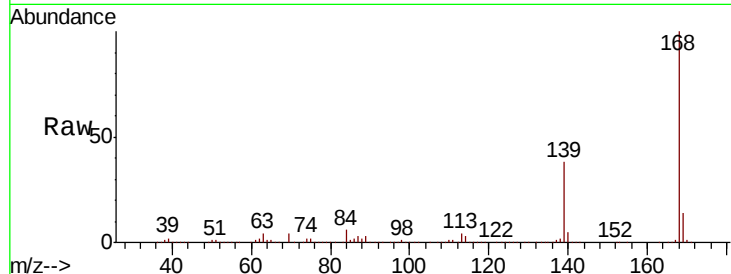
#55
Dibenzenofuran
Concen: 34.115 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	32.5	48.7
169	13.7	11.5	17.3

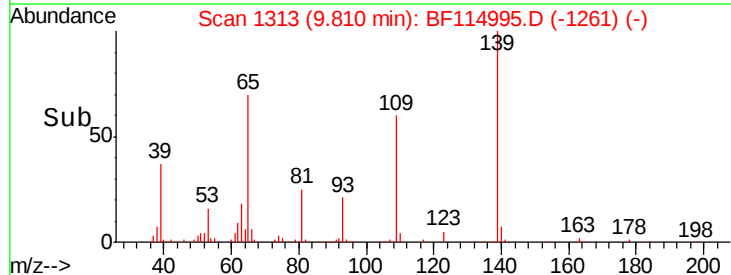
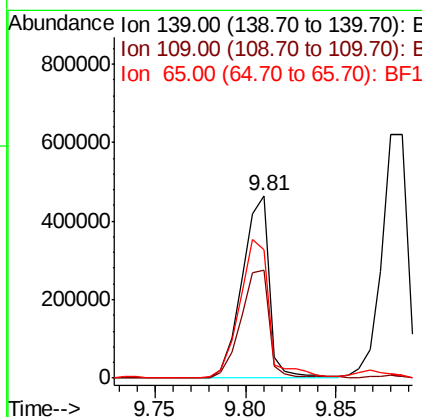
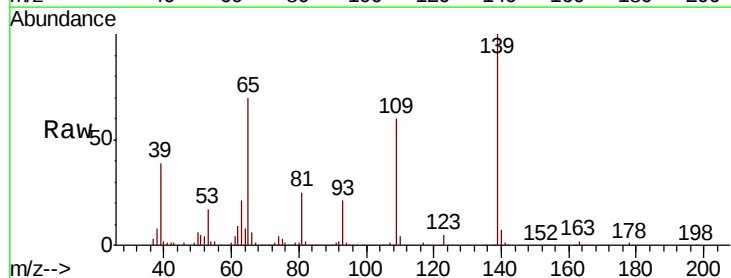
Manual Integrations
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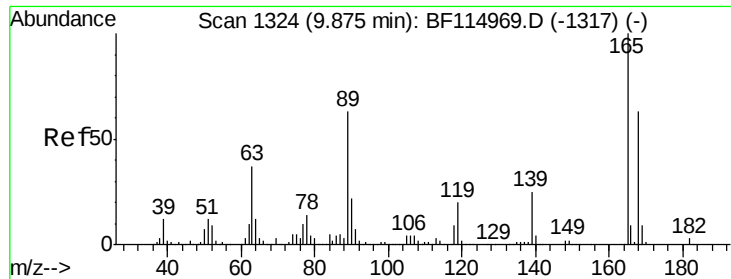
mohammad
6/14/2019 8:47:10 AM



#56
4-Nitrophenol
Concen: 62.530 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.6	41.4	81.4
65	70.1	62.7	102.7





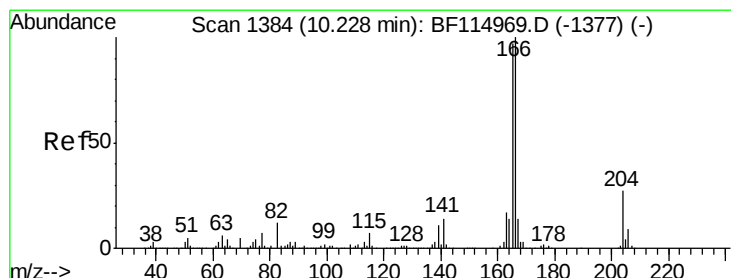
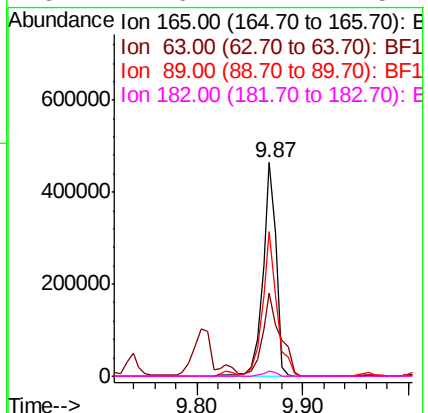
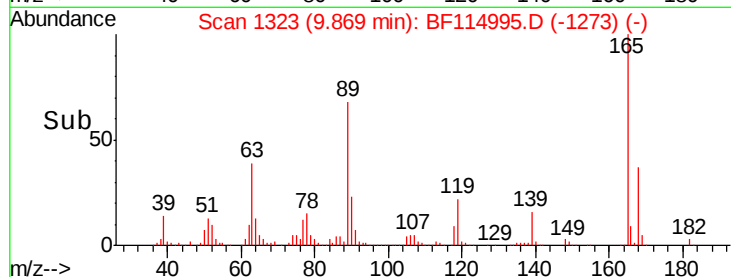
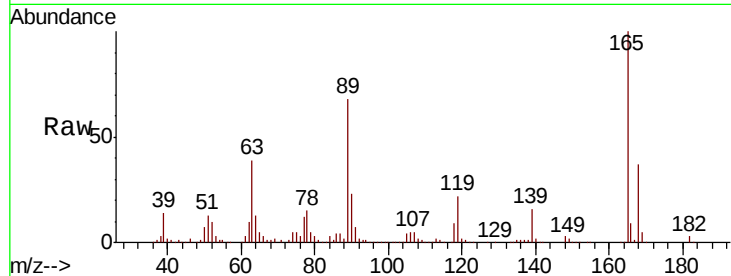
#57
2,4-Dinitrotoluene
Concen: 35.326 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.1	29.4	44.2
89	67.6	50.6	75.8
182	2.6	2.2	3.2

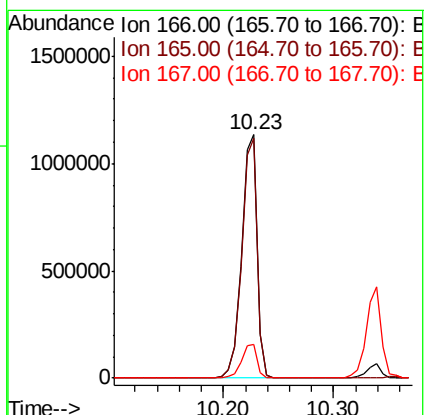
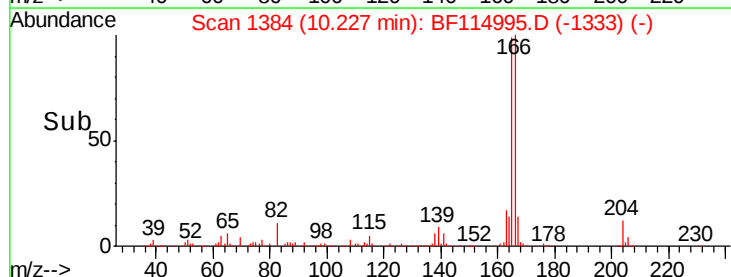
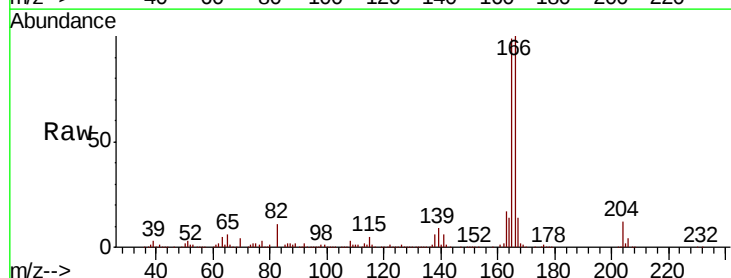
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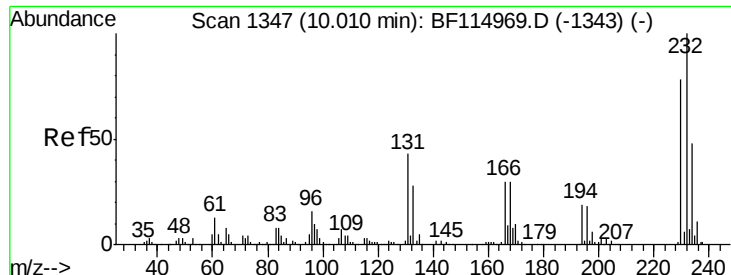
mohammad
6/14/2019 8:47:10 AM



#58
Fluorene
Concen: 34.473 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.6	116.4
167	13.8	11.0	16.4





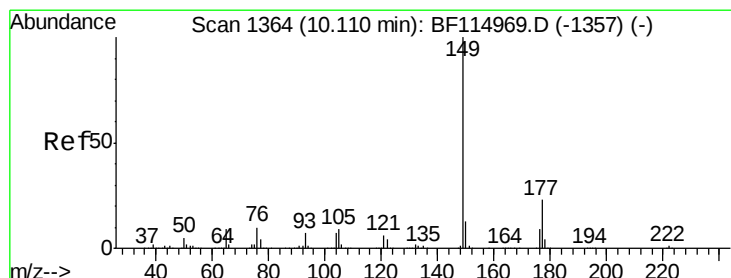
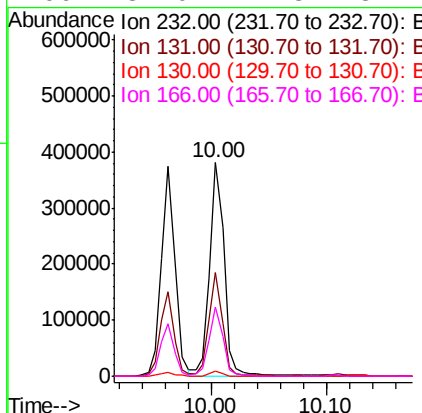
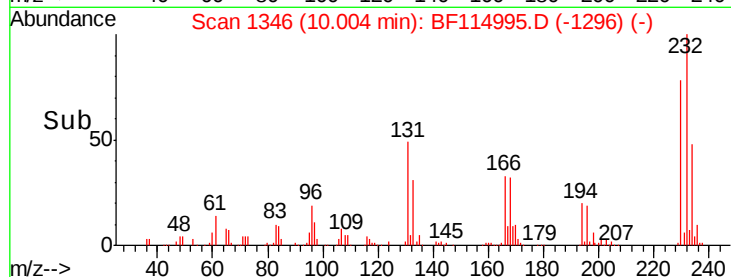
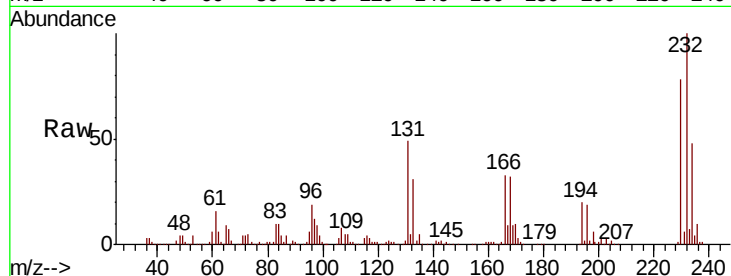
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.649 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	36.9	55.3
130	2.2	1.8	2.6
166	31.0	24.8	37.2

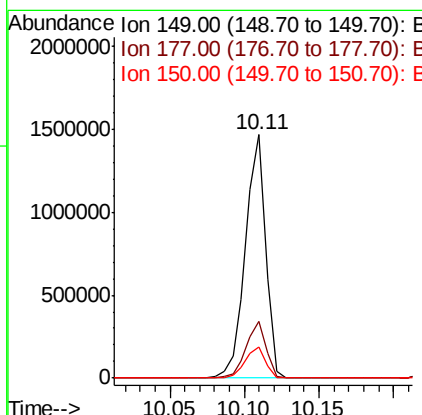
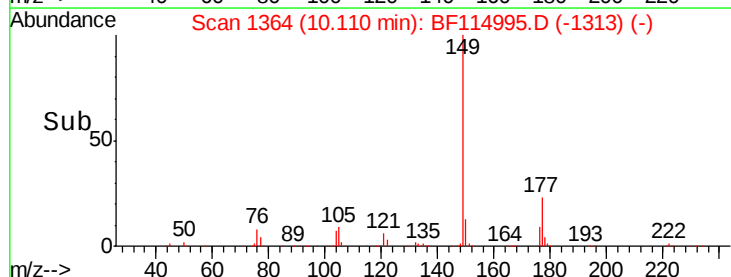
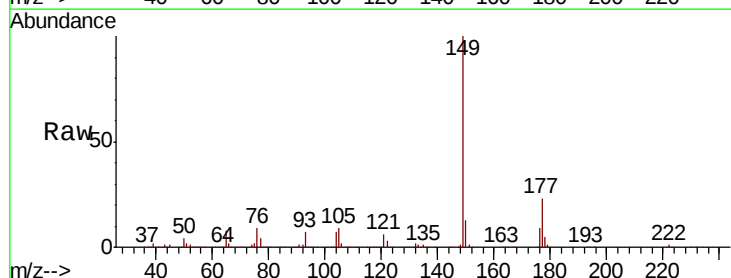
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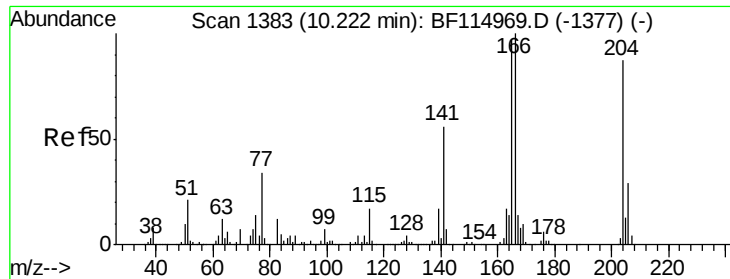
mohammad
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#60
Diethylphthalate
Concen: 35.968 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.6	27.8
150	13.0	10.5	15.7





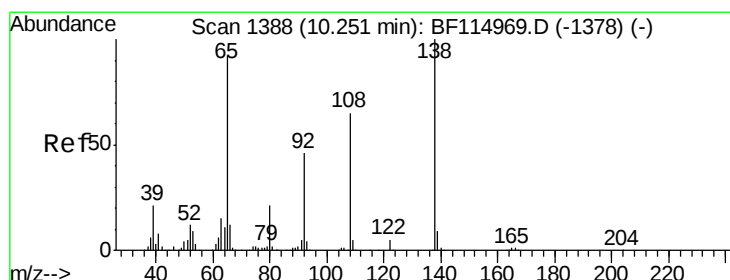
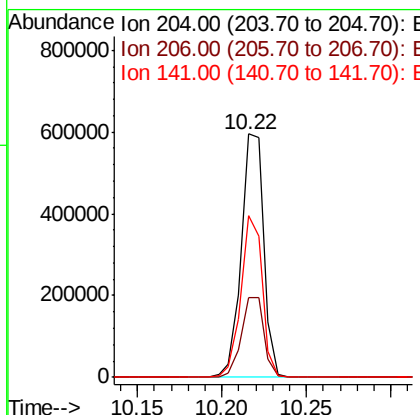
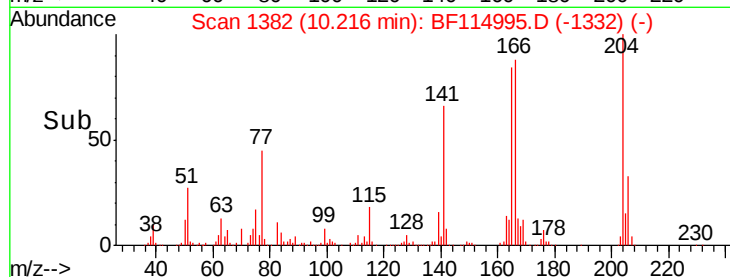
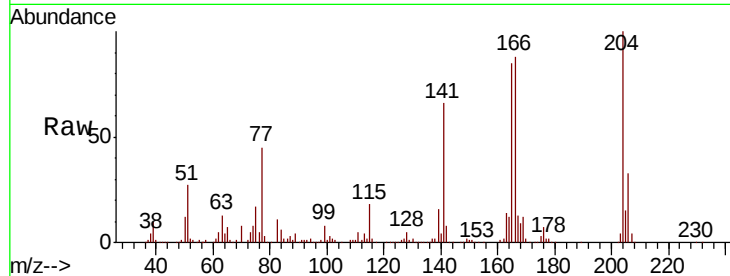
#61
 4-Chlorophenyl-phenylether
 Concen: 34.728 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF114995.D
 Acq: 13 Jun 2019 11:38

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MS

Tot Ion:	204	Resp:	554010
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.5	39.7
141	66.2	51.8	77.8

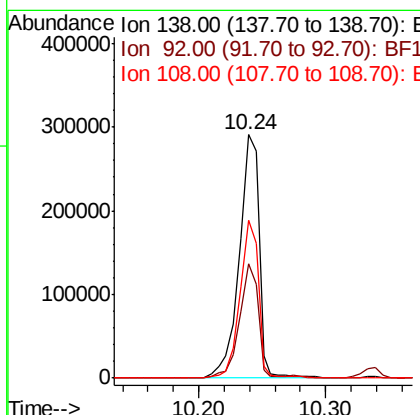
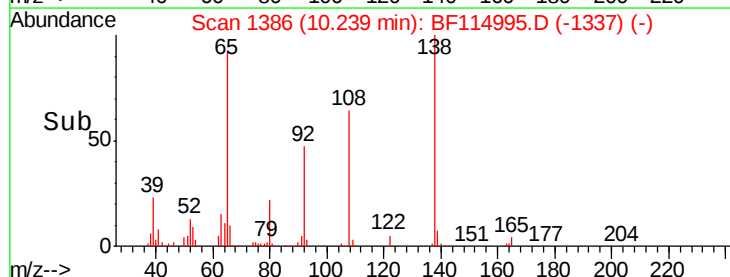
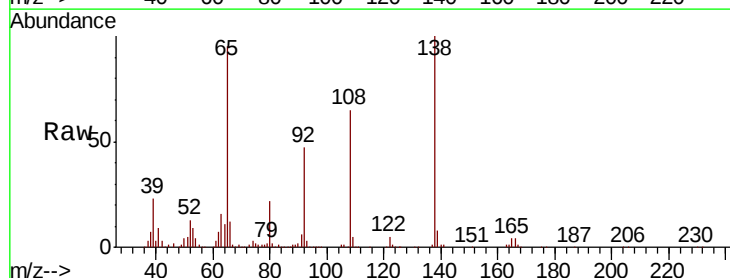
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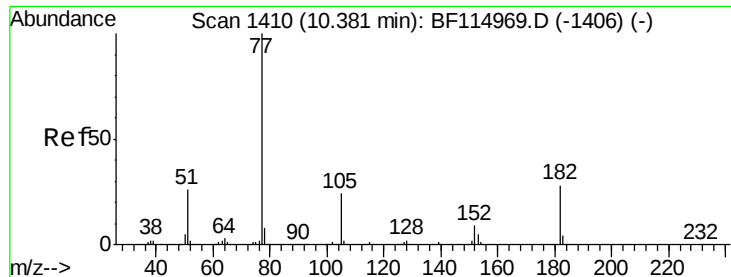
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#62
 4-Nitroaniline
 Concen: 27.889 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF114995.D
 Acq: 13 Jun 2019 11:38

Tgt Ion:	138	Resp:	313766
Ion Ratio	Lower	Upper	
138	100		
92	47.1	25.7	65.7
108	64.8	44.6	84.6





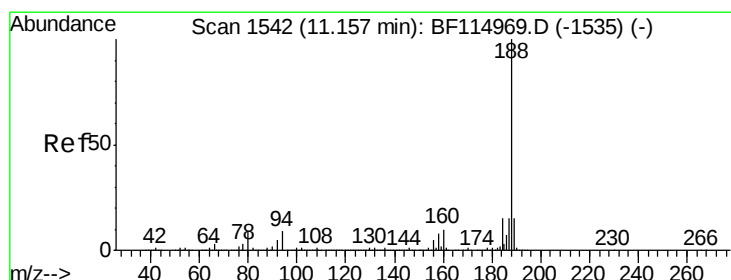
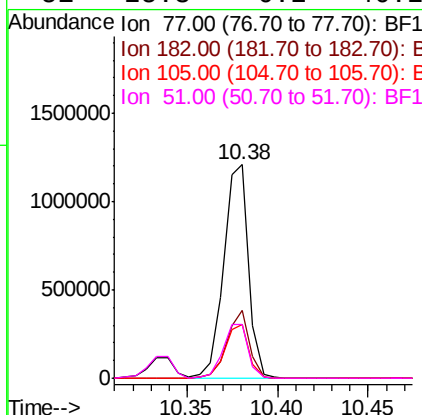
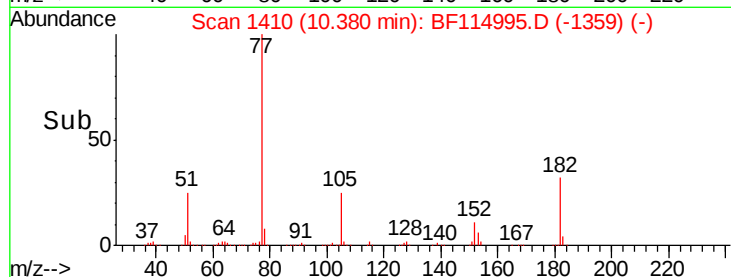
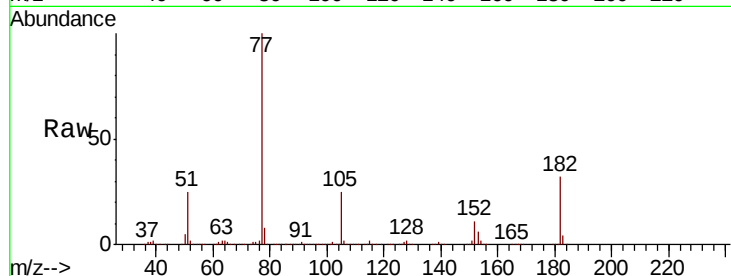
#63
Azobenzene
Concen: 33.950 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.6	7.4	47.4
105	25.0	4.2	44.2
51	25.3	6.2	46.2

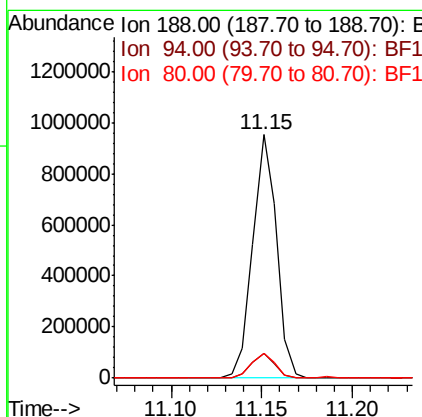
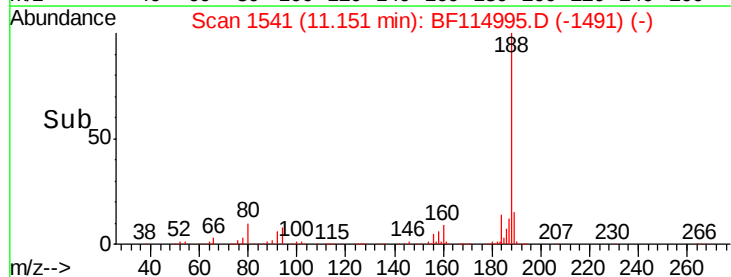
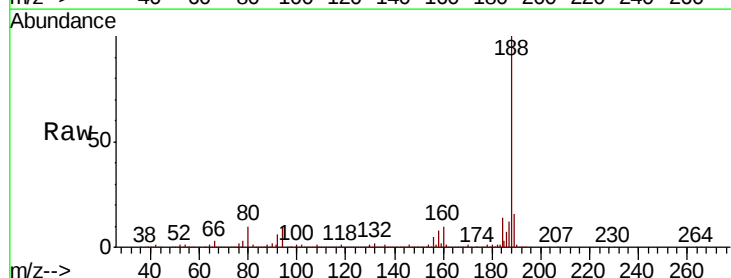
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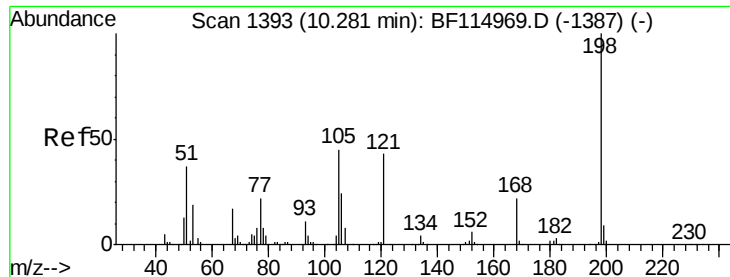
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.3	7.4	11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 17.448 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

ClientSampleId :

200030-200034MS

Tot Ion:198 Resp: 85353

Ion Ratio Lower Upper

198 100

51 39.8 23.0 63.0

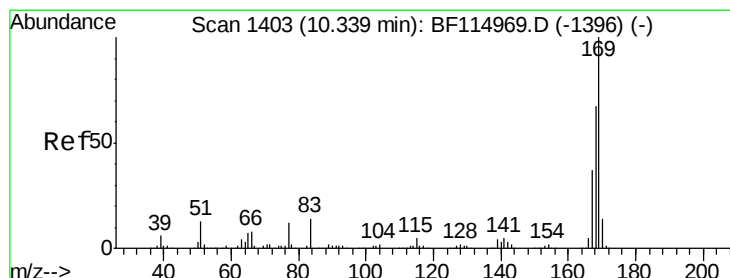
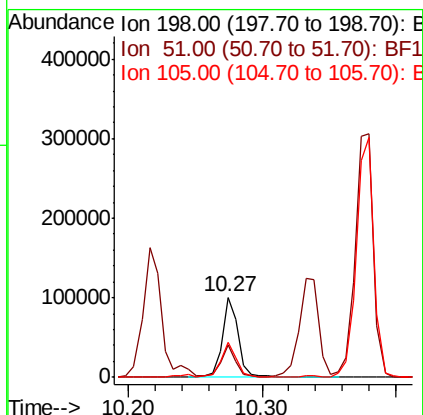
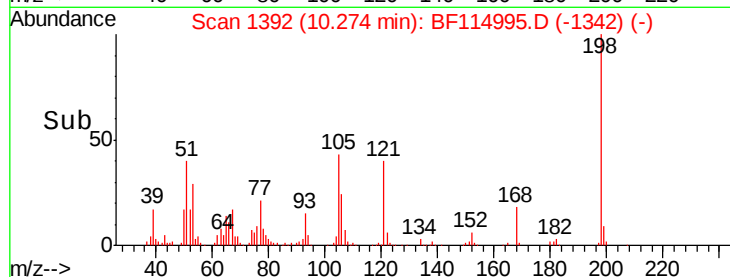
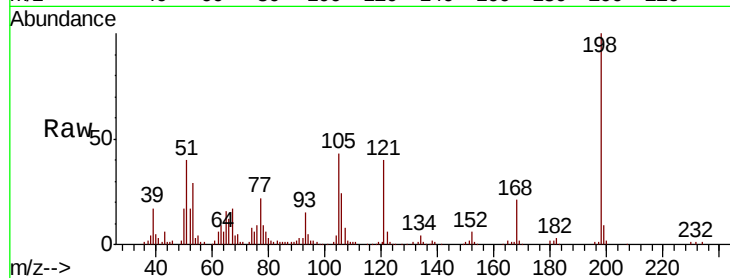
105 43.3 26.5 66.5

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#66

n-Nitrosodiphenylamine

Concen: 41.191 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

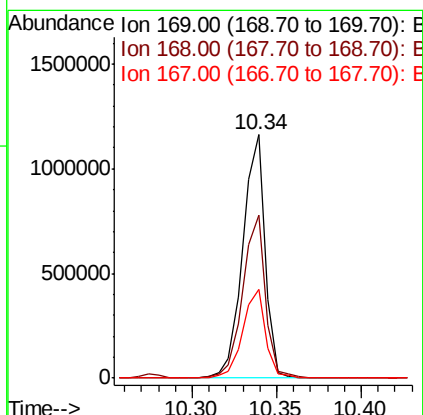
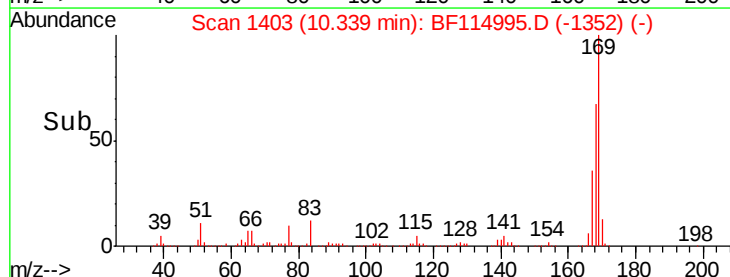
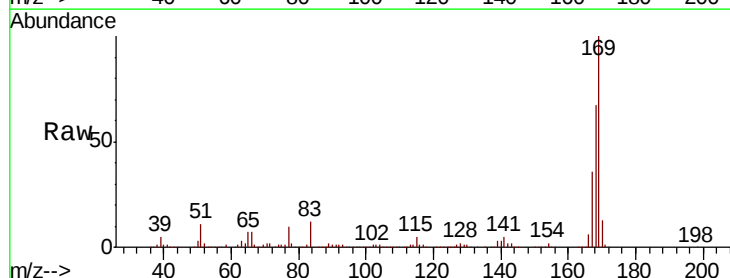
Tgt Ion:169 Resp: 1074632

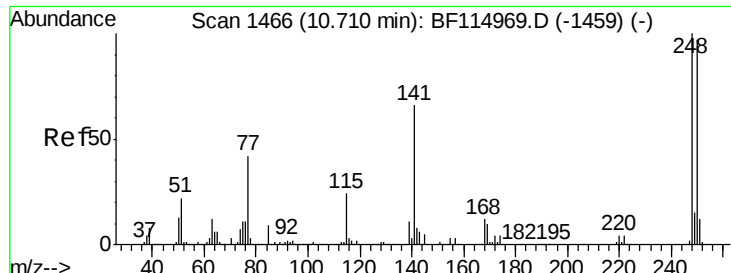
Ion Ratio Lower Upper

169 100

168 66.8 53.6 80.4

167 36.4 29.6 44.4





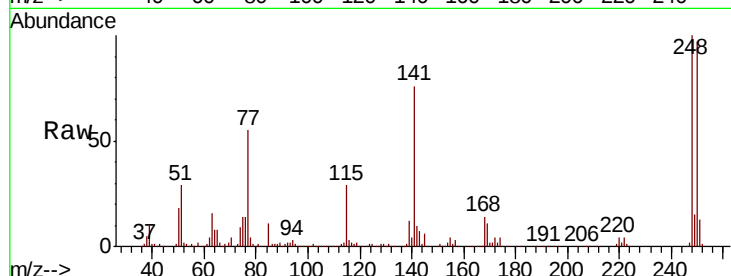
#67
 4-Bromophenyl-phenylether
 Concen: 37.744 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF114995.D
 Acq: 13 Jun 2019 11:38

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.8	116.8
141	76.4	53.1	79.7

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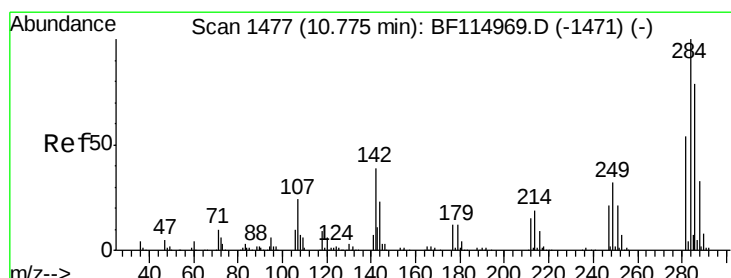
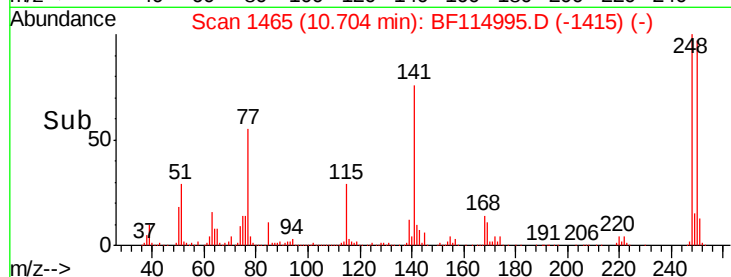
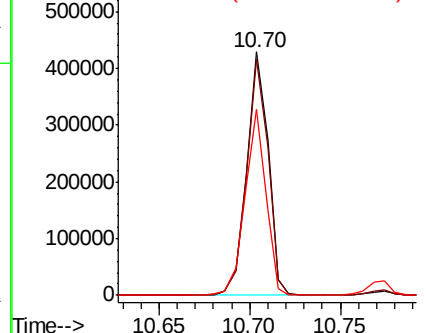


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 35.232 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BF114995.D
 Acq: 13 Jun 2019 11:38

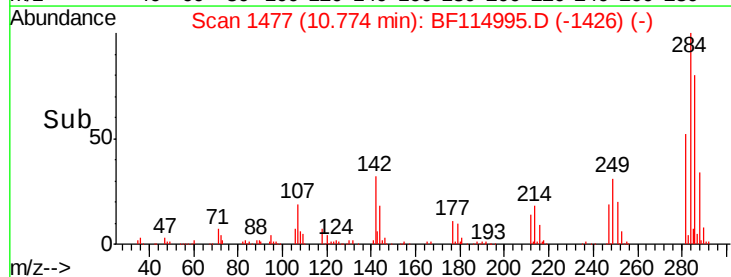
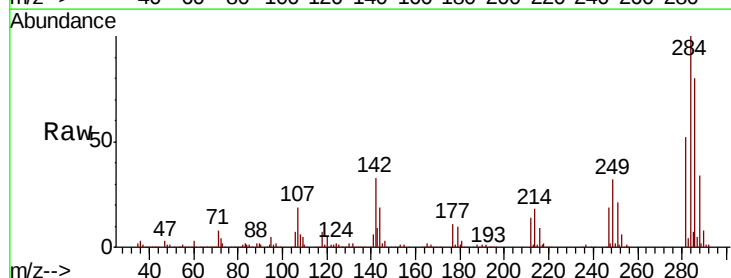
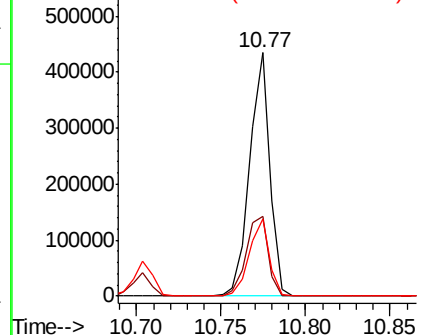
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	31.5	47.3
249	31.7	25.6	38.4

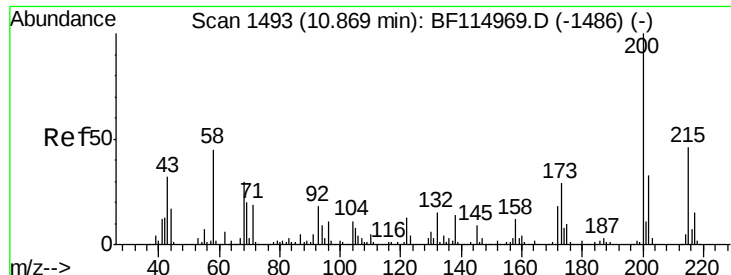
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





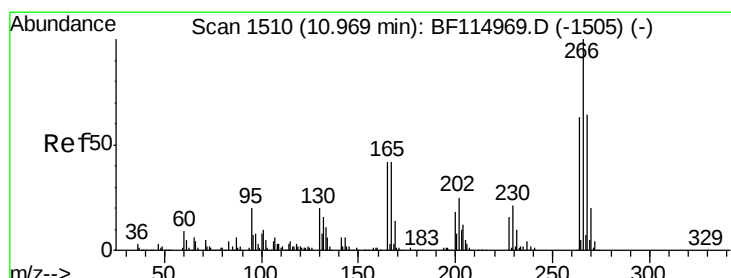
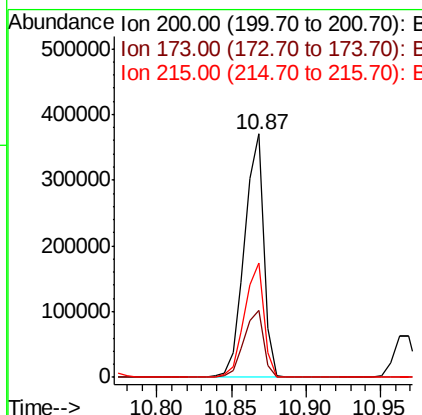
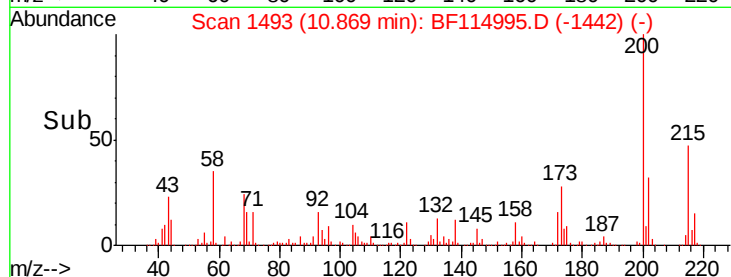
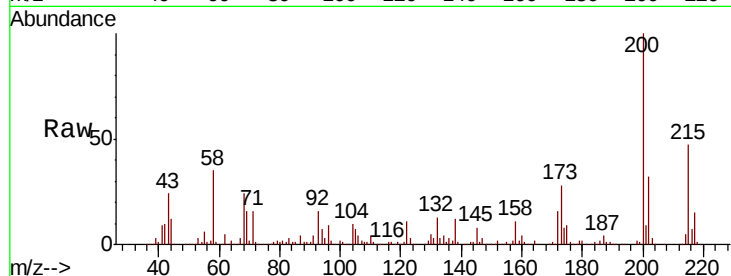
#69
Atrazine
Concen: 39.668 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.5	9.0	49.0
215	47.0	26.5	66.5

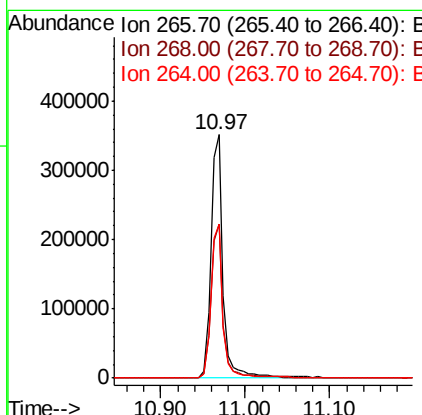
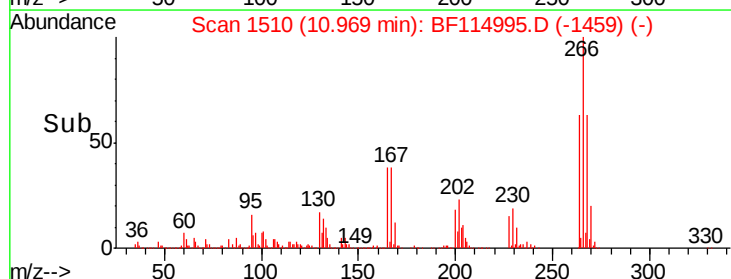
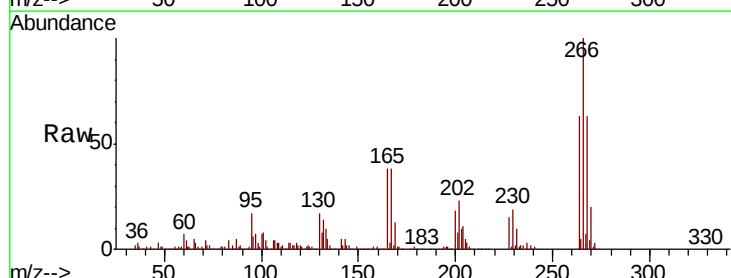
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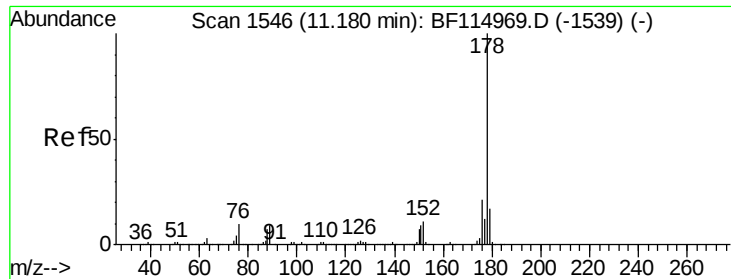
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#70
Pentachlorophenol
Concen: 63.738 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.3	51.4	77.2
264	63.1	50.3	75.5





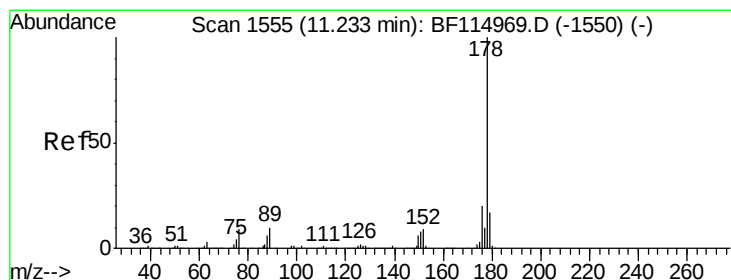
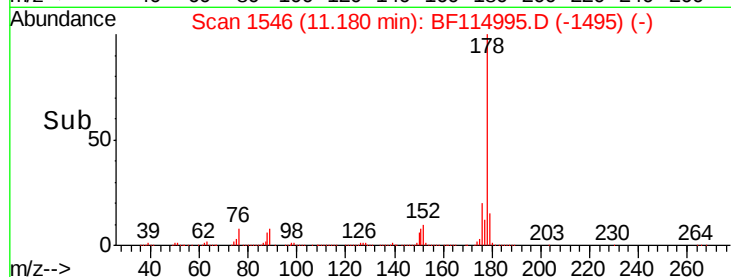
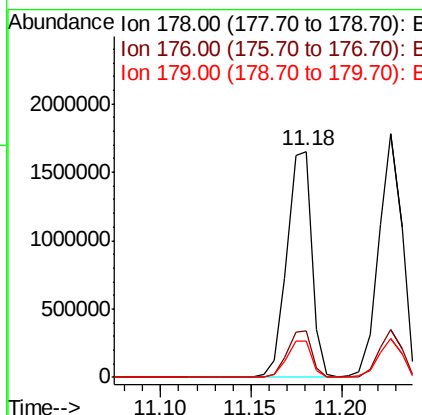
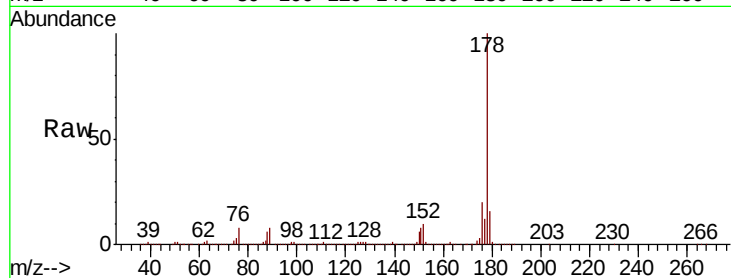
#71
Phenanthrene
Concen: 35.419 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.9	25.3
179	15.9	13.4	20.0

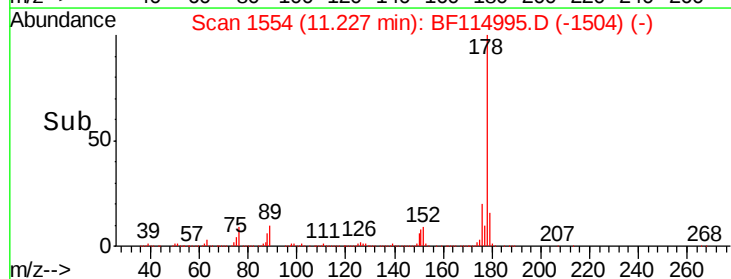
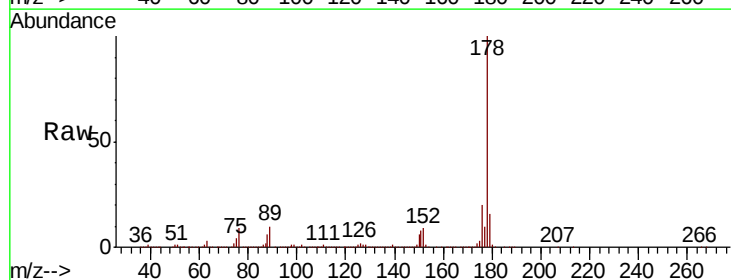
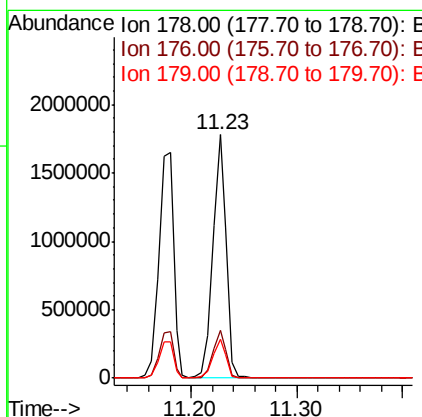
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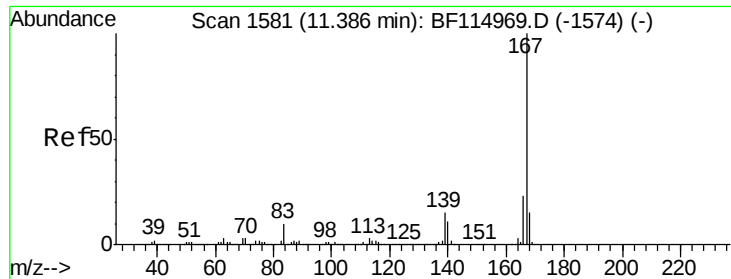
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#72
Anthracene
Concen: 35.063 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

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





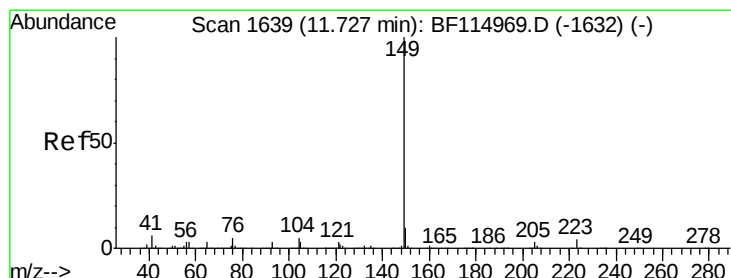
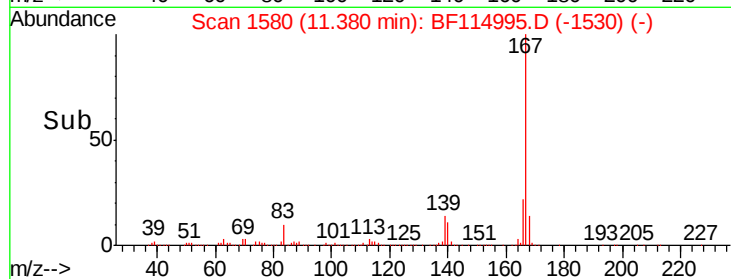
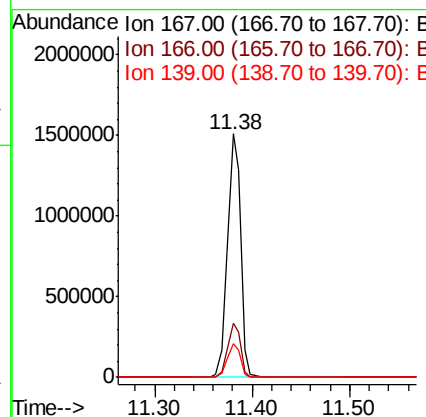
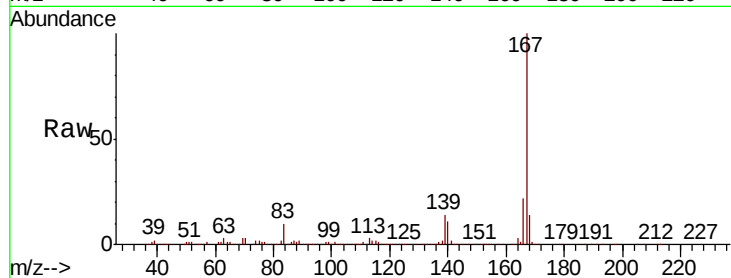
#73
 Carbazole
 Concen: 35.530 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF114995.D
 Acq: 13 Jun 2019 11:38

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.5	27.7
139	14.0	12.0	18.0

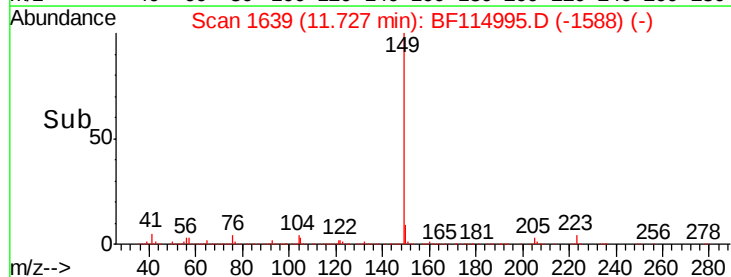
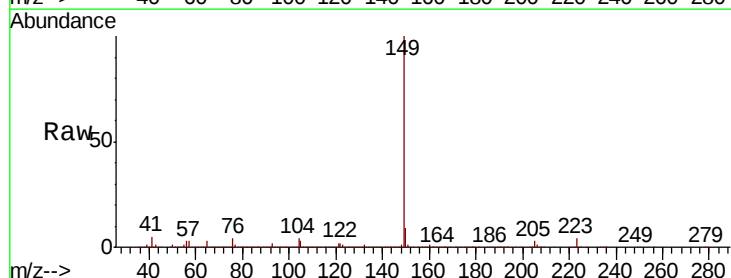
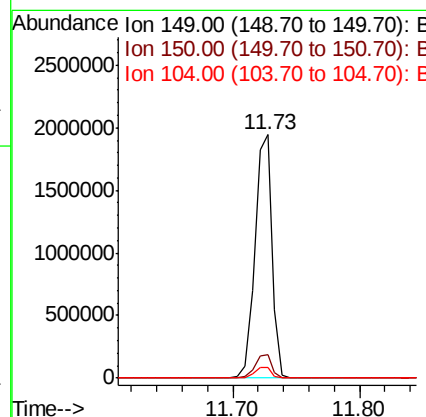
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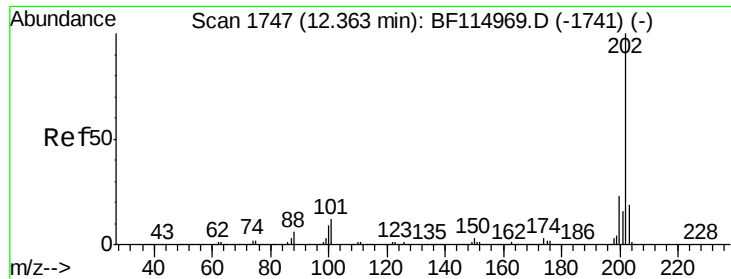
mohammad
 6/14/2019 8:47:10 AM



#74
 Di-n-butylphthalate
 Concen: 36.334 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF114995.D
 Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.3	4.0	6.0





#75

Fluoranthene

Concen: 32.464 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

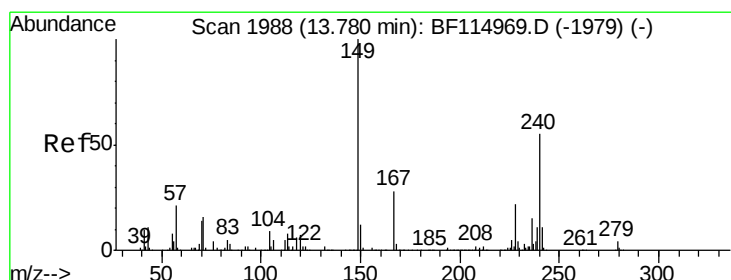
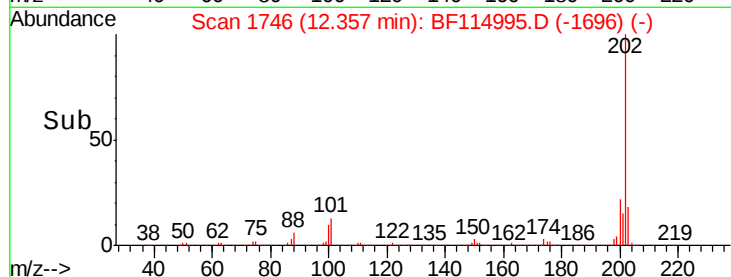
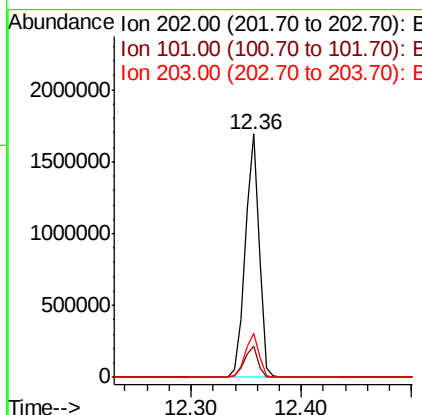
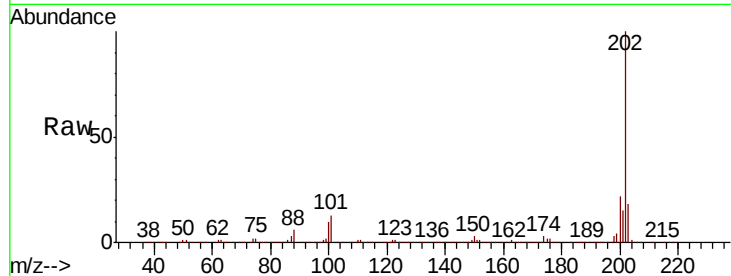
ClientSampleId :

200030-200034MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.4
203	18.2	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

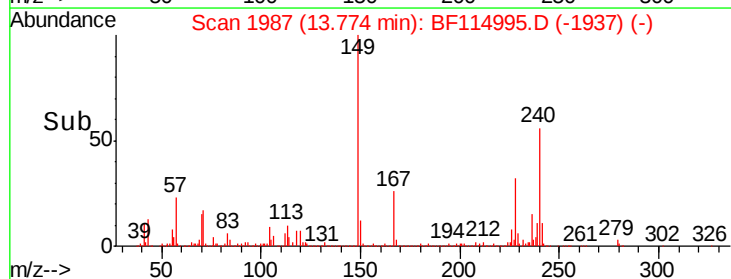
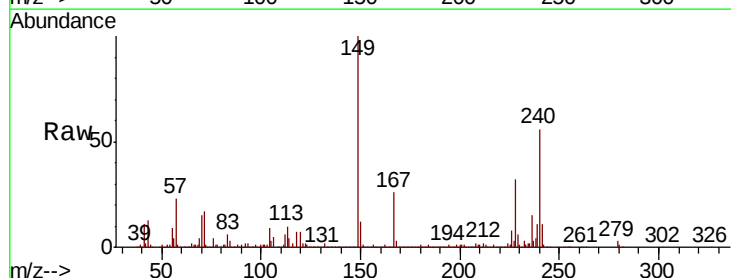
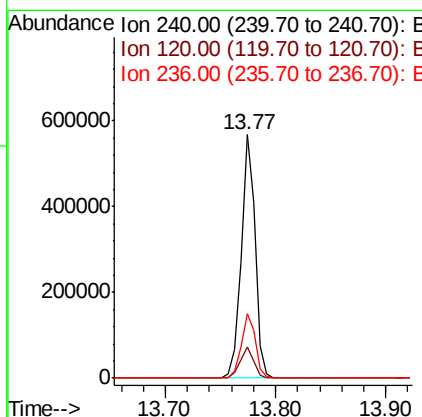
RT: 13.77 min Scan# 1987

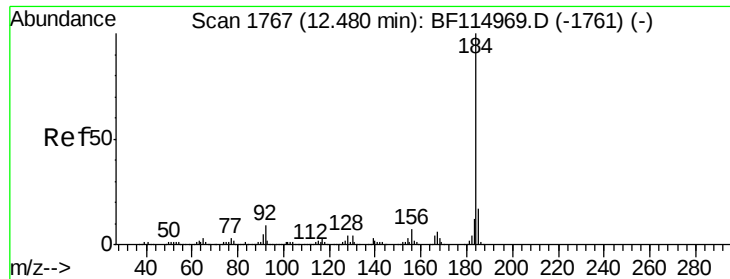
Delta R.T. -0.01 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.0	15.0
236	26.3	21.6	32.4





#77

Benzidine

Concen: 9.621 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

ClientSampleId :

200030-200034MS

Tot Ion:184 Resp: 195228

Ion Ratio Lower Upper

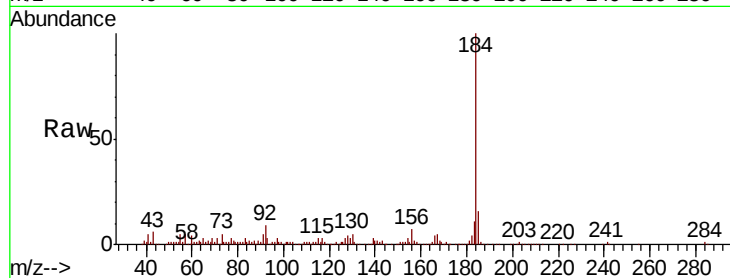
184 100

185 15.7 13.4 20.0

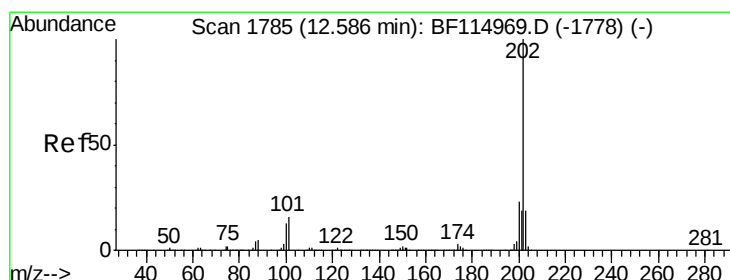
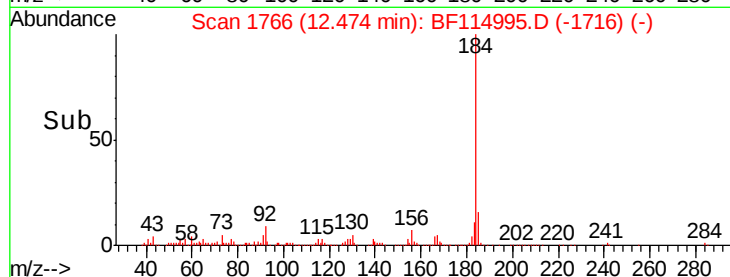
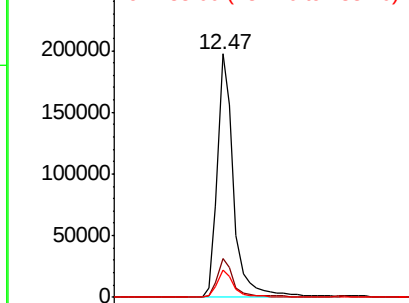
183 11.1 9.8 14.6

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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: 32.141 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

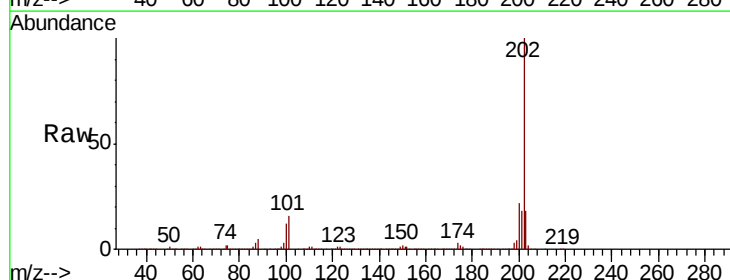
Tgt Ion:202 Resp: 1468994

Ion Ratio Lower Upper

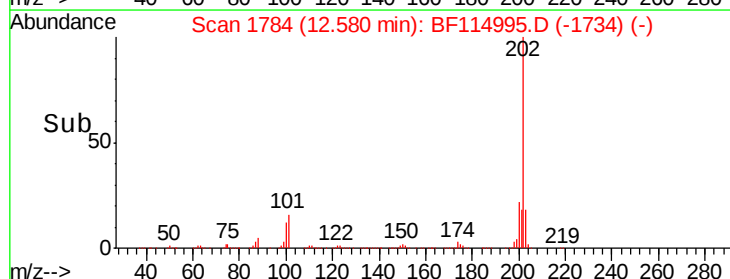
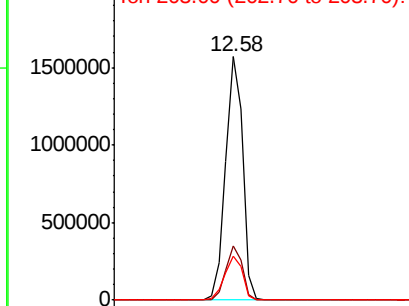
202 100

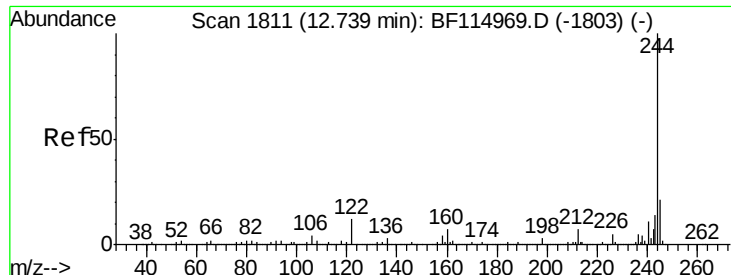
200 22.4 18.4 27.6

203 18.0 14.9 22.3



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





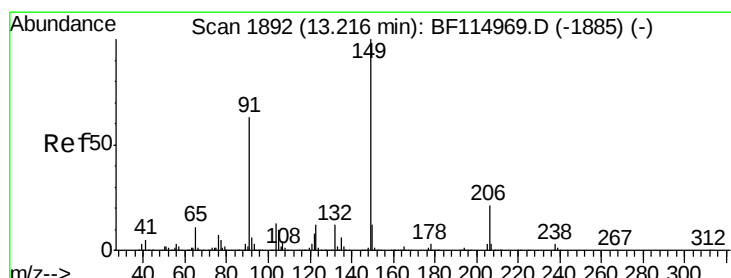
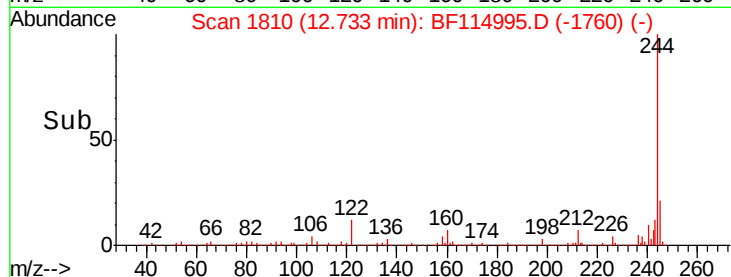
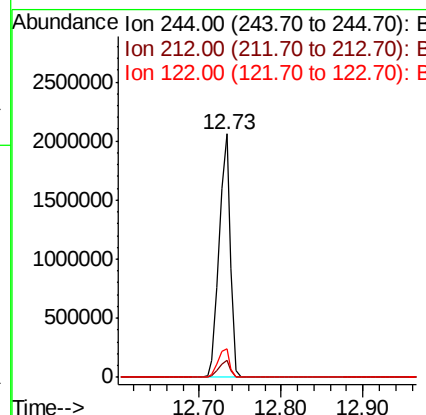
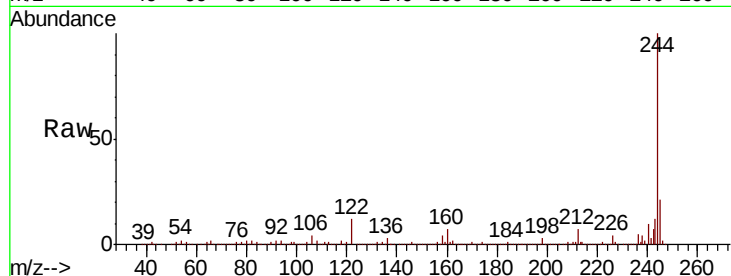
#79
 Terphenyl-d14
 Concen: 73.968 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF114995.D
 Acq: 13 Jun 2019 11:38

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.0	9.4	14.0

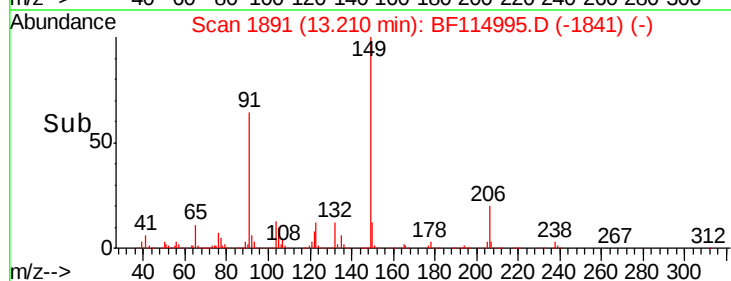
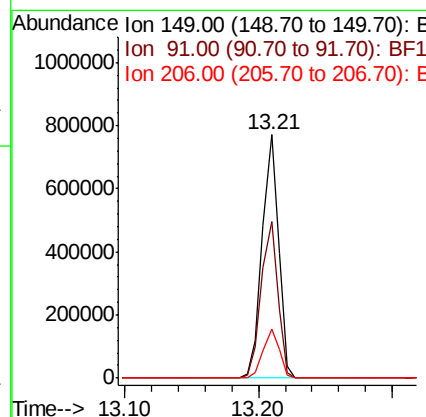
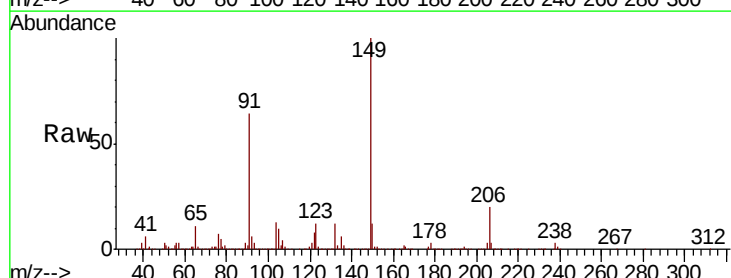
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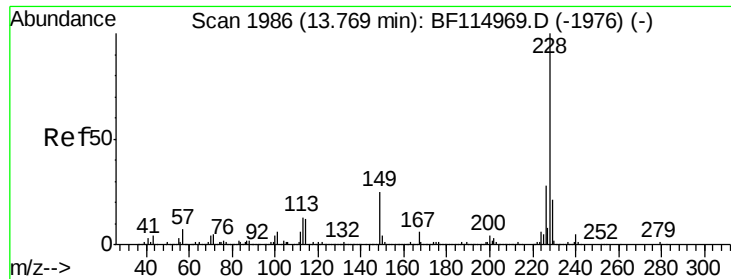
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#80
 Butylbenzylphthalate
 Concen: 30.156 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.01 min
 Lab File: BF114995.D
 Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.4	50.6	76.0
206	20.3	16.7	25.1





#81

Benzo(a)anthracene

Concen: 33.569 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

ClientSampleId :

200030-200034MS

Tot Ion:228 Resp: 1260303

Ion Ratio Lower Upper

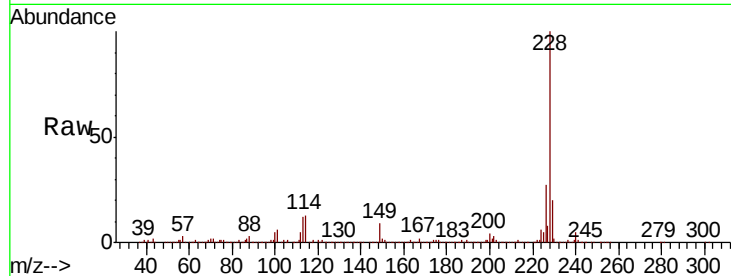
228 100

226 27.2 22.0 33.0

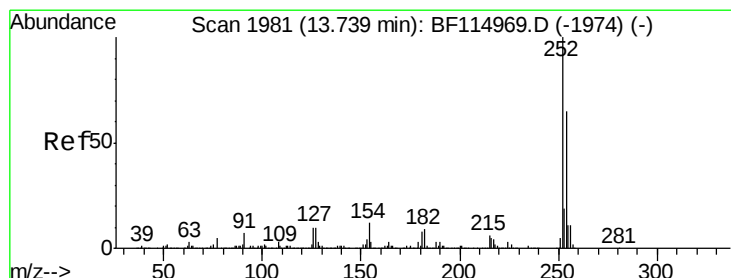
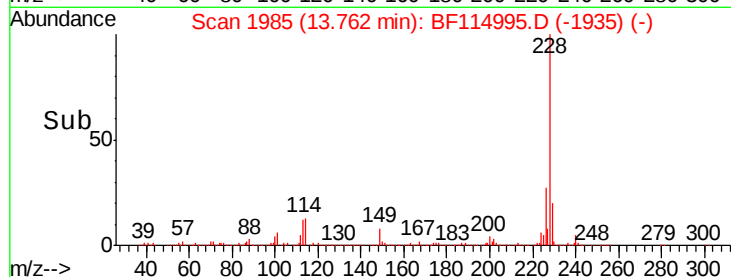
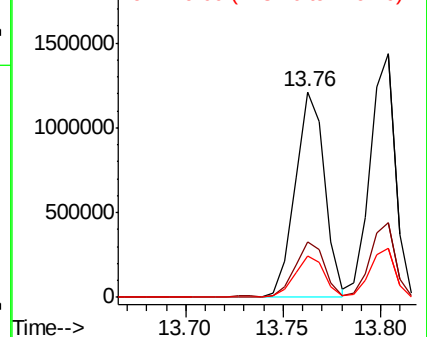
229 20.2 16.6 25.0

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



#82

3,3'-Dichlorobenzidine

Concen: 29.582 ng

RT: 13.73 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

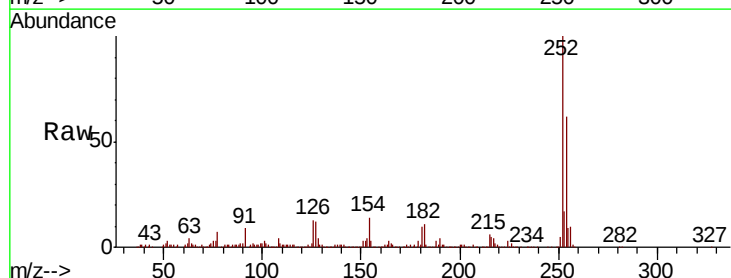
Tgt Ion:252 Resp: 425788

Ion Ratio Lower Upper

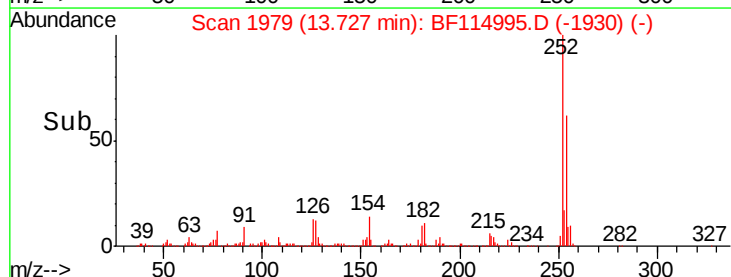
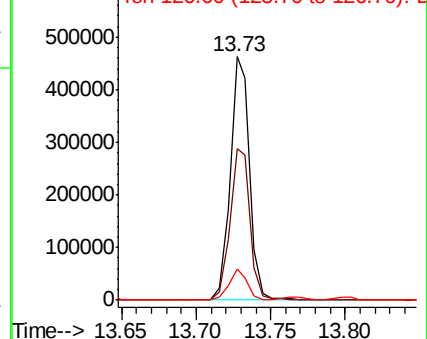
252 100

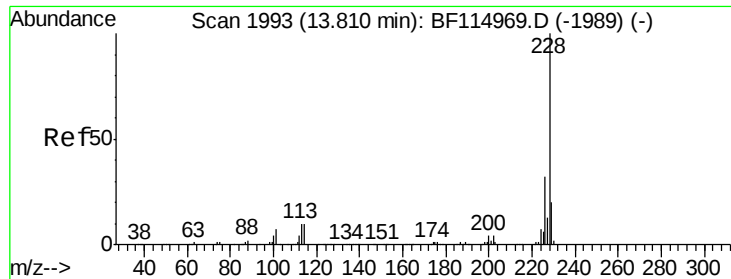
254 62.4 52.2 78.4

126 13.1 8.0 12.0#



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





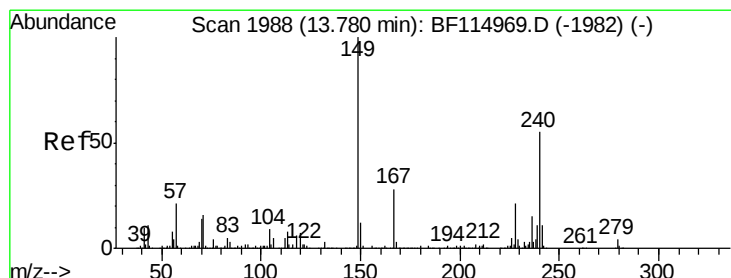
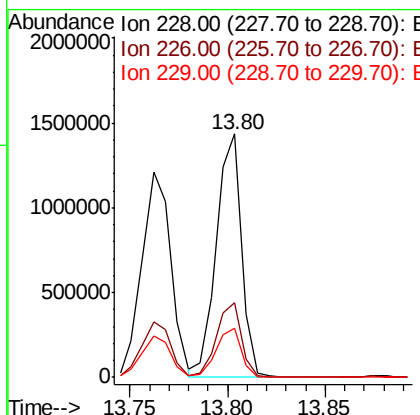
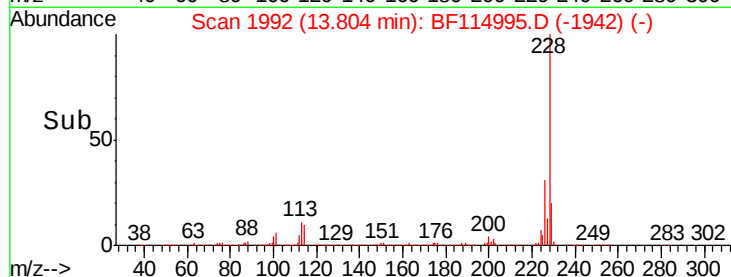
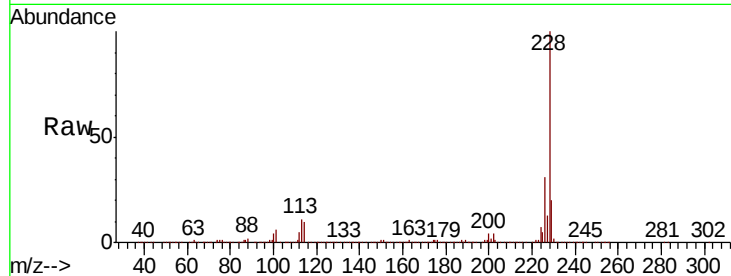
#83
Chrysene
Concen: 34.427 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion: 228 Resp: 1285266
Ion Ratio Lower Upper
228 100
226 30.9 25.4 38.0
229 20.0 16.4 24.6

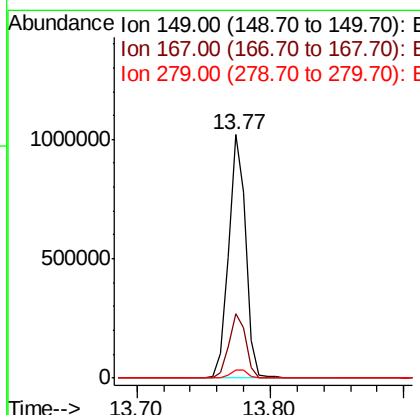
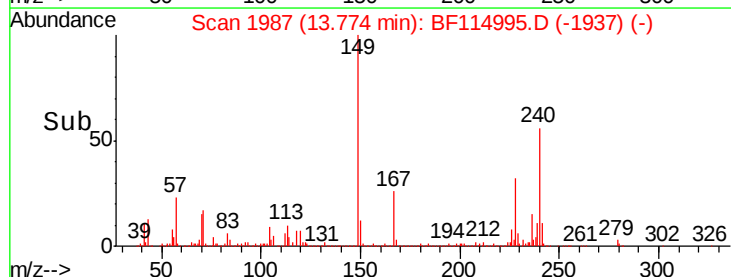
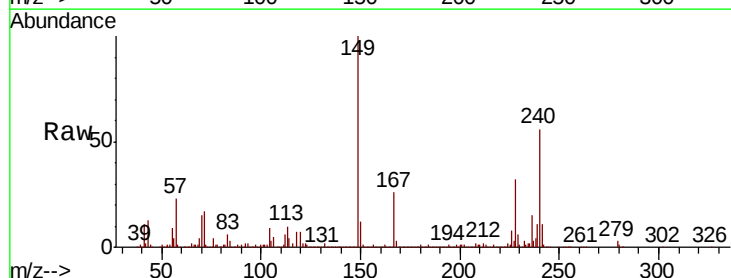
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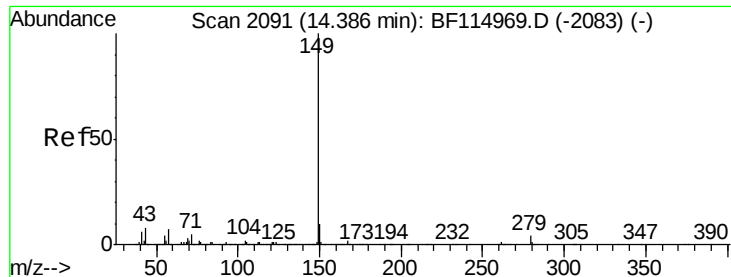
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.296 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion: 149 Resp: 915760
Ion Ratio Lower Upper
149 100
167 26.5 22.2 33.4
279 3.5 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 35.130 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

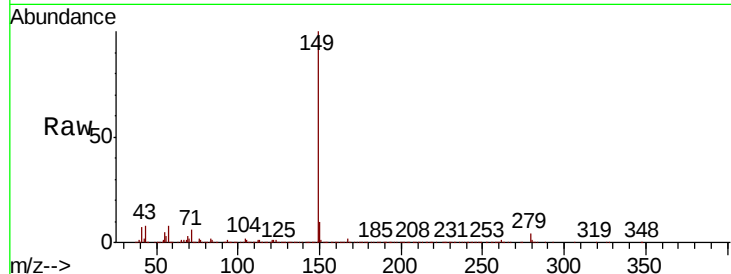
ClientSampleId :

200030-200034MS

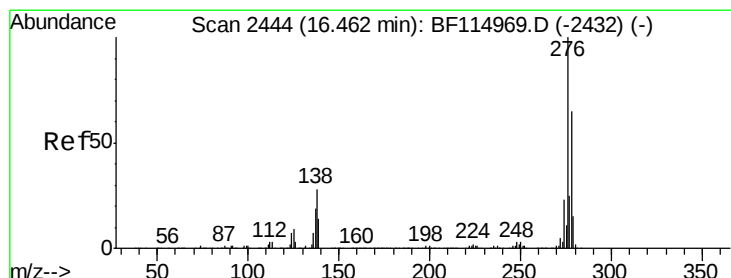
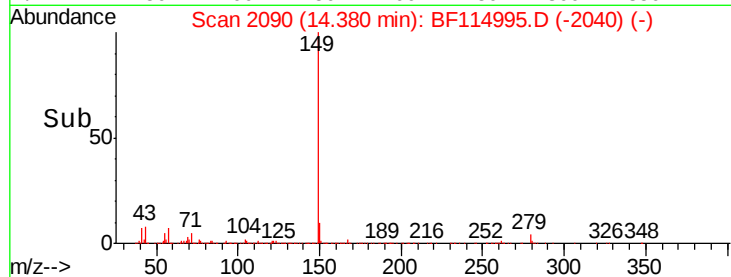
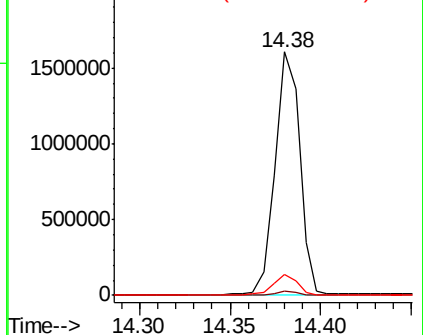
Tot Ion:	149	Resp:	1526307
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.5	9.7

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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: 34.780 ng

RT: 16.45 min Scan# 2442

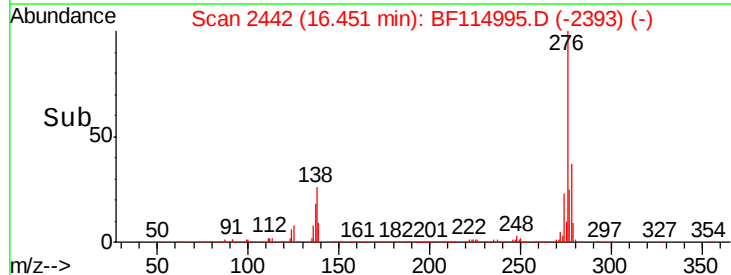
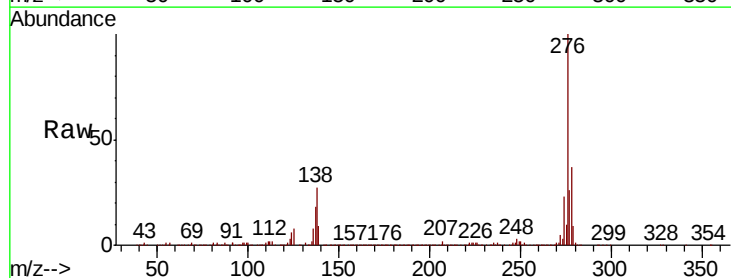
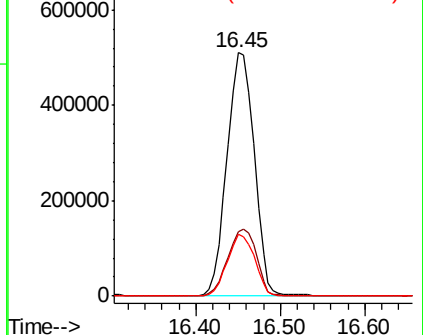
Delta R.T. -0.01 min

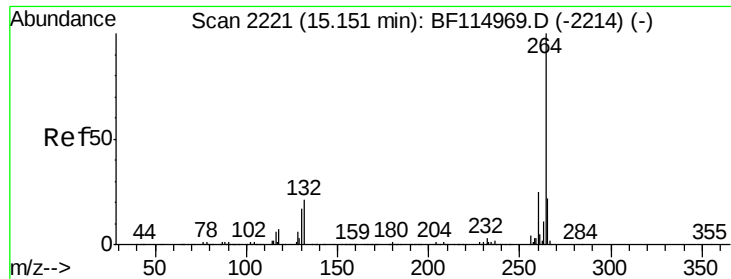
Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Tgt Ion:	276	Resp:	1140595
Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.0	34.4
277	25.2	20.6	30.8

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

Instrument :

BNA_F

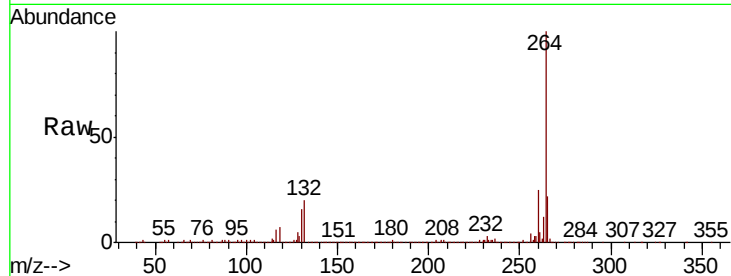
ClientSampleId :

200030-200034MS

Tot Ion:	264	Resp:	597544
Ion Ratio		Lower	Upper
264	100		
260	24.7	19.9	29.9
265	22.1	17.6	26.4

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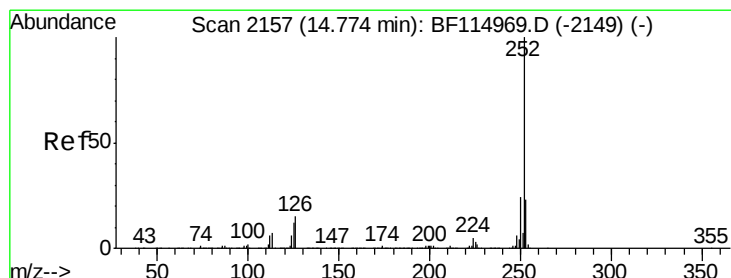
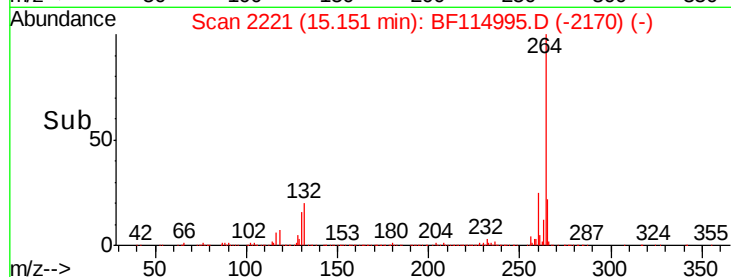
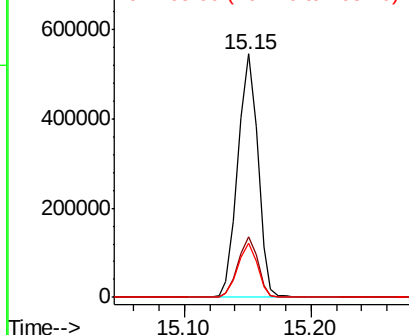


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.326 ng

RT: 14.77 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF114995.D

Acq: 13 Jun 2019 11:38

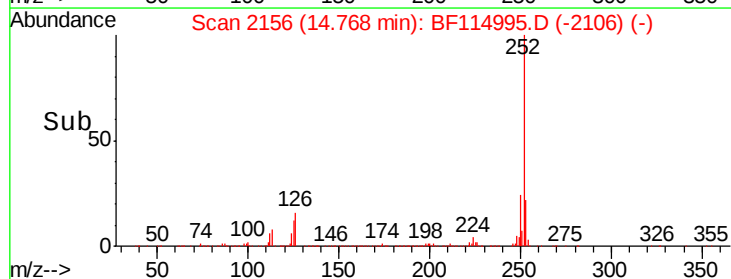
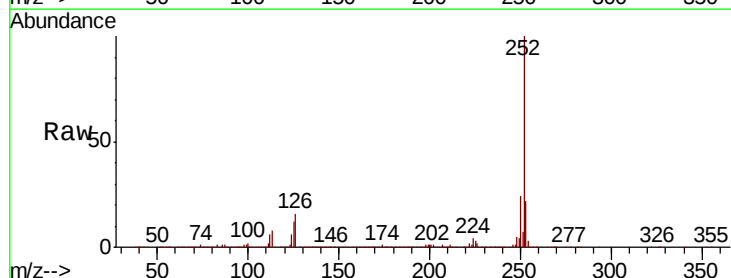
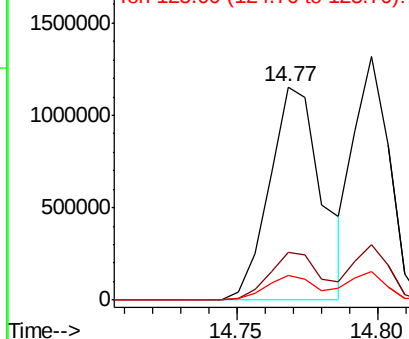
Tgt Ion:	252	Resp:	1482676
Ion Ratio		Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.8	9.4	14.0

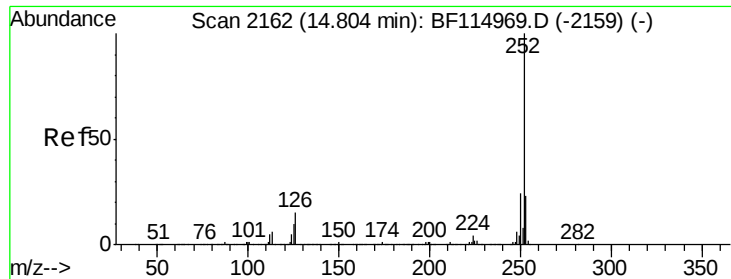
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





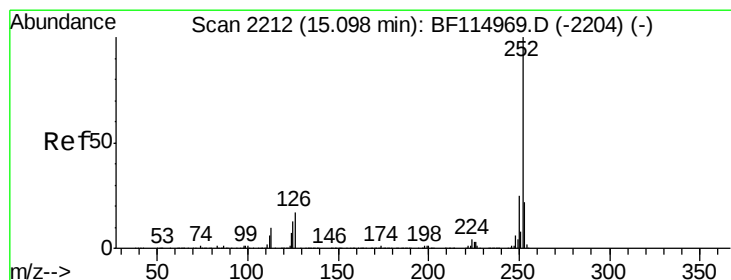
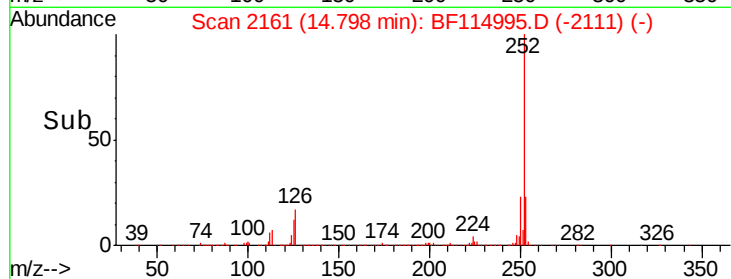
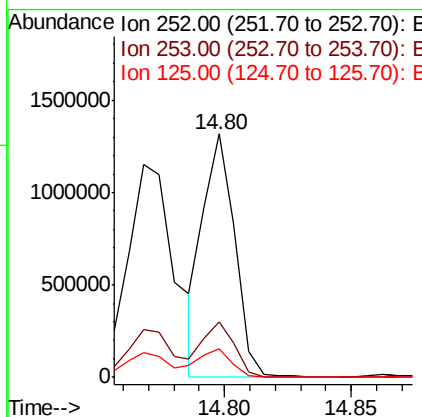
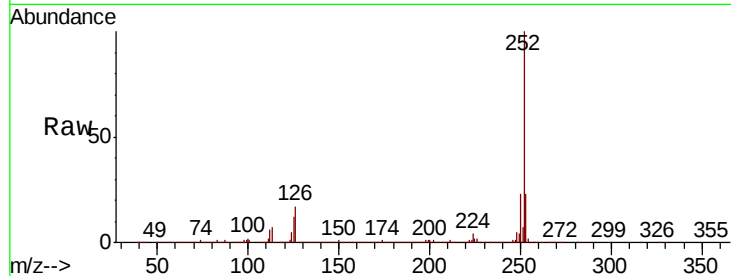
#89
Benzo(k)fluoranthene
Concen: 32.740 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.7	8.2	12.4

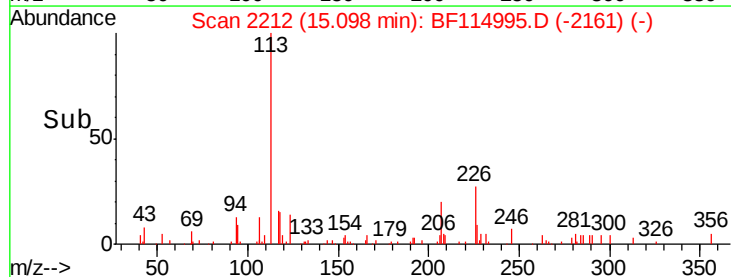
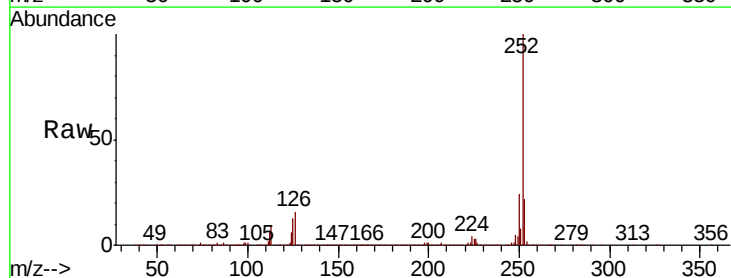
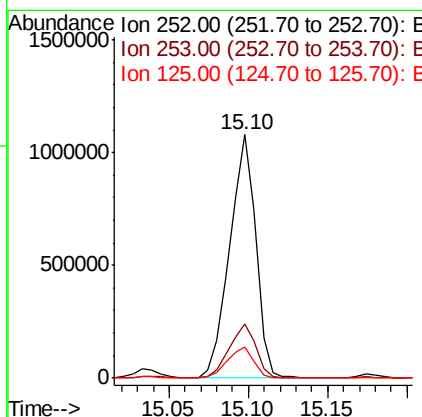
Manual Integrations
APPROVED

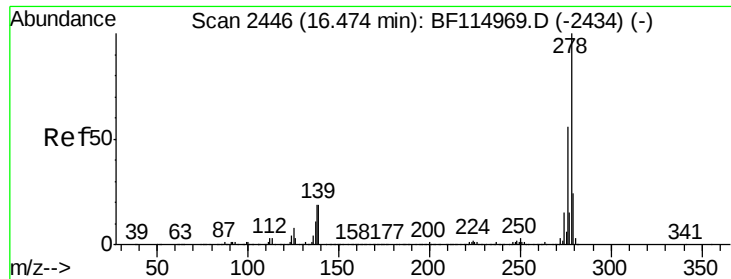
mohammad
6/14/2019 8:47:10 AM



#90
Benzo(a)pyrene
Concen: 36.087 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	12.6	10.7	16.1





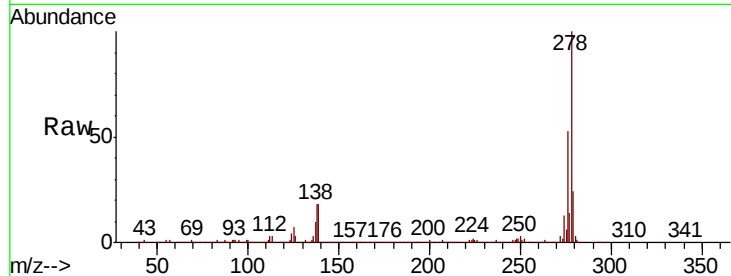
#91
Dibenzo(a,h)anthracene
Concen: 32.758 ng
RT: 16.47 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Instrument :
BNA_F
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.3	22.9
279	24.4	19.2	28.8

Manual Integrations
APPROVED

mohammad
6/14/2019 8:47:10 AM

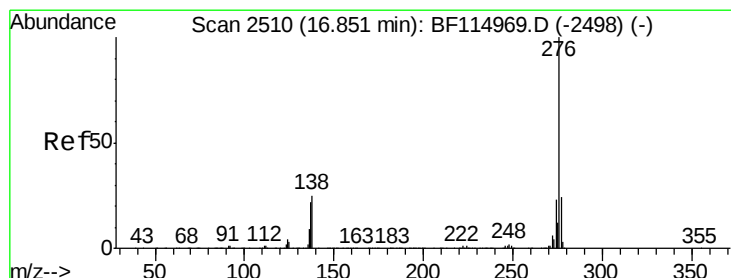
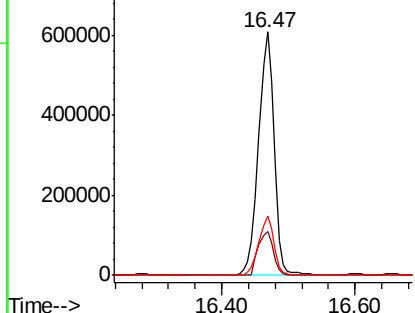
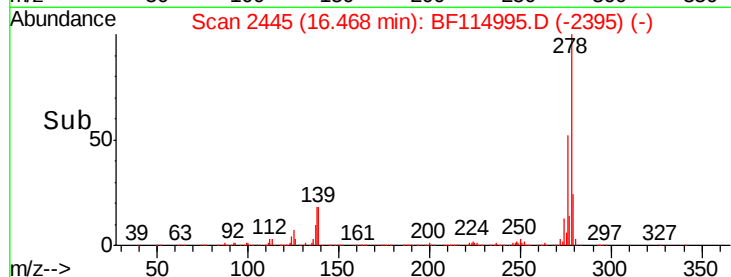


Abundance

Ion 278.00 (277.70 to 278.70): E

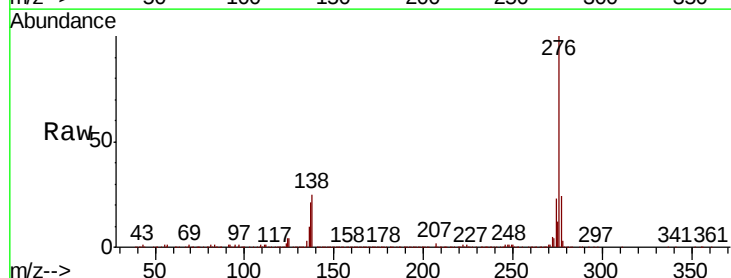
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 30.226 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BF114995.D
Acq: 13 Jun 2019 11:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	24.7	20.2	30.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

