

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
 Data File : BF119632.D
 Acq On : 30 Mar 2020 14:56
 Operator : MA/SJ
 Sample : PB127886BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127886BS

Manual Integrations
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mohammad
 3/31/2020 3:16:30 PM

Quant Time: Mar 30 15:53:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	305994	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1356024	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	737299	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1416574	20.00	ng	0.00
76) Chrysene-d12	14.02	240	967792	20.00	ng	0.00
87) Perylene-d12	15.48	264	933510	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	2264027	117.78	ng	0.01
7) Phenol-d6	6.46	99	3112350	126.75	ng	0.00
23) Nitrobenzene-d5	7.40	82	2031944	81.44	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	1067388	140.33	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3975214	79.87	ng	0.00
79) Terphenyl-d14	12.97	244	4454669	90.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	224440	23.641	ng	98
3) Pyridine	3.36	79	732399	28.003	ng	92
4) n-Nitrosodimethylamine	3.31	42	420469	32.967	ng	90
6) Aniline	6.49	93	1325790	39.121	ng	98
8) 2-Chlorophenol	6.62	128	973717	48.231	ng	98
9) Benzaldehyde	6.38	77	452430	29.045	ng	98
10) Phenol	6.47	94	1268990	48.434	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	867415	41.395	ng	100
12) 1,3-Dichlorobenzene	6.77	146	832034	38.079	ng	98
13) 1,4-Dichlorobenzene	6.85	146	858845	39.297	ng	100
14) 1,2-Dichlorobenzene	7.00	146	793564	38.846	ng	99
15) Benzyl Alcohol	6.97	79	846485	45.829	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1733231	41.007	ng	100
17) 2-Methylphenol	7.09	107	852717	46.100	ng	98
18) Hexachloroethane	7.35	117	349714	43.663	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	746478	50.437	ng	99
20) 3+4-Methylphenols	7.24	107	1087740	47.983	ng	90
22) Acetophenone	7.25	105	1339984	41.355	ng	# 92
24) Nitrobenzene	7.42	77	1097620	41.164	ng	99
25) Isophorone	7.66	82	2202821	43.522	ng	99
26) 2-Nitrophenol	7.73	139	580553	55.296	ng	90
27) 2,4-Dimethylphenol	7.77	122	1029156	47.407	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	1377585	46.028	ng	99
29) 2,4-Dichlorophenol	7.97	162	946680	47.459	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	904854	41.018	ng	98
31) Naphthalene	8.15	128	2908115	41.674	ng	100
32) Benzoic acid	7.90	122	852898	61.076	ng	92
33) 4-Chloroaniline	8.19	127	1067650	33.389	ng	100
34) Hexachlorobutadiene	8.26	225	498572	40.395	ng	98
35) Caprolactam	8.57	113	314664m	48.201	ng	
36) 4-Chloro-3-methylphenol	8.67	107	1075483	49.331	ng	99
37) 2-Methylnaphthalene	8.84	142	2125801	46.417	ng	98
38) 1-Methylnaphthalene	8.94	142	2030003	46.830	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	887463	41.066	ng	98

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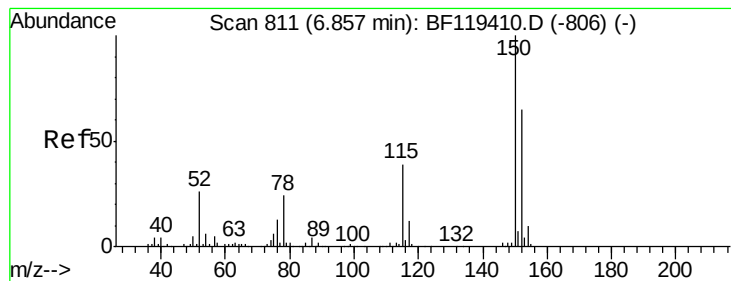
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	1106700	90.078	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	746871	48.294	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	771926	44.557	nq	96
46) 1,1'-Biphenyl	9.30	154	2572010	42.832	nq	98
47) 2-Chloronaphthalene	9.33	162	2026815	43.090	nq	99
48) 2-Nitroaniline	9.42	65	786106	48.419	nq	99
49) Acenaphthylene	9.75	152	3196457	43.274	nq	99
50) Dimethylphthalate	9.61	163	2476997	47.297	nq	99
51) 2,6-Dinitrotoluene	9.67	165	571846	50.942	nq	95
52) Acenaphthene	9.92	154	1953657	42.426	nq	99
53) 3-Nitroaniline	9.84	138	477133	33.668	nq	90
54) 2,4-Dinitrophenol	9.95	184	675102	133.626	nq	91
55) Dibenzofuran	10.09	168	2866139	43.412	nq	98
56) 4-Nitrophenol	10.00	139	1044887	93.463	nq	96
57) 2,4-Dinitrotoluene	10.07	165	758358	53.629	nq	98
58) Fluorene	10.44	166	2197401	45.008	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	662196	51.135	nq	99
60) Diethylphthalate	10.32	149	2527803	47.557	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	1072037	44.902	nq	99
62) 4-Nitroaniline	10.46	138	652960	48.048	nq	94
63) Azobenzene	10.59	77	2450918	45.789	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	435640	73.339	nq	93
66) n-Nitrosodiphenylamine	10.55	169	2114111	45.461	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	736734	45.666	nq	99
68) Hexachlorobenzene	10.99	284	781408	47.324	nq	# 92
69) Atrazine	11.08	200	649993	50.984	nq	100
70) Pentachlorophenol	11.18	266	895795	92.524	nq	97
71) Phenanthrene	11.40	178	3198894	43.550	nq	99
72) Anthracene	11.45	178	3306136	44.286	nq	99
73) Carbazole	11.60	167	3099999	41.953	nq	99
74) Di-n-butylphthalate	11.94	149	3797979	48.048	nq	98
75) Fluoranthene	12.59	202	3460049	43.526	nq	99
77) Benzidine	12.71	184	2339655	57.124	nq	100
78) Pyrene	12.82	202	3472057	43.715	nq	98
80) Butylbenzylphthalate	13.44	149	1685042	52.454	nq	97
81) Benzo(a)anthracene	14.01	228	2697101	42.856	nq	98
82) 3,3'-Dichlorobenzidine	13.97	252	846040	34.095	nq	98
83) Chrysene	14.05	228	2805945	43.201	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	2133935	55.724	nq	97
85) Di-n-octyl phthalate	14.62	149	3769413	55.968	nq	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	2696968	44.089	nq	98
88) Benzo(b)fluoranthene	15.06	252	3080410	49.399	nq	96
89) Benzo(k)fluoranthene	15.09	252	2425409	40.847	nq	98
90) Benzo(a)pyrene	15.42	252	2532186	44.683	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	2217948	44.746	nq	98
92) Benzo(g,h,i)perylene	17.40	276	2204025	44.260	nq	95

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



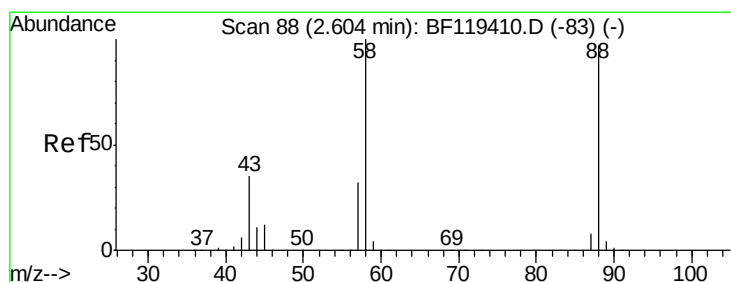
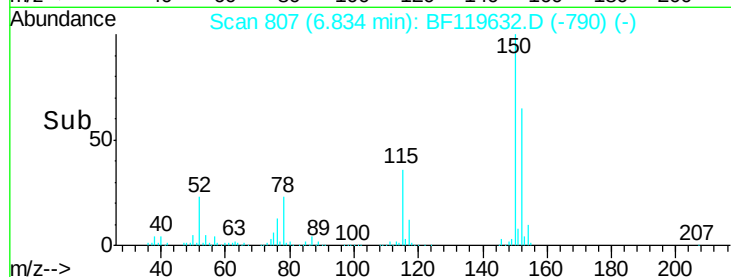
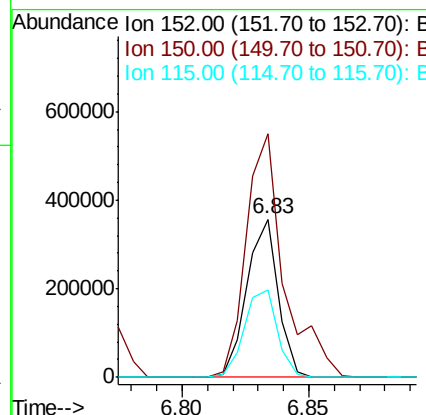
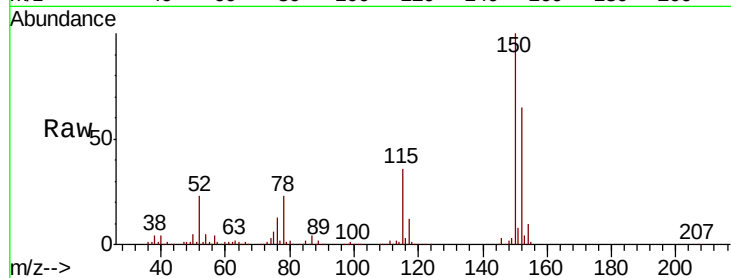
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127886BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.5	186.7
115	55.6	49.6	74.4

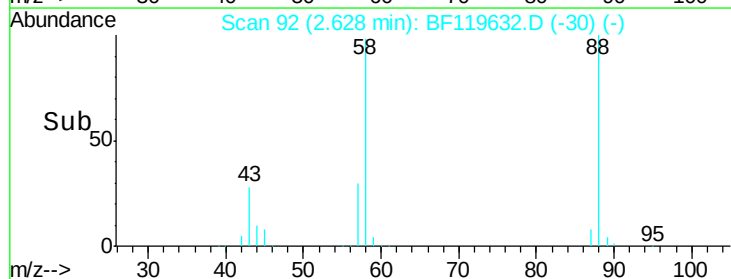
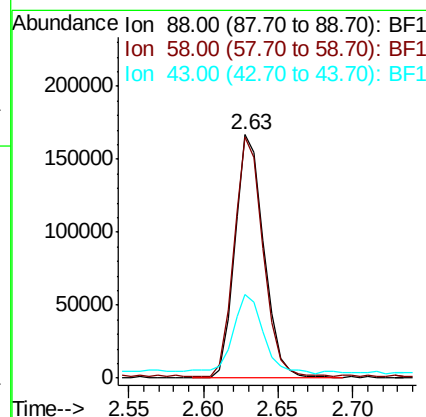
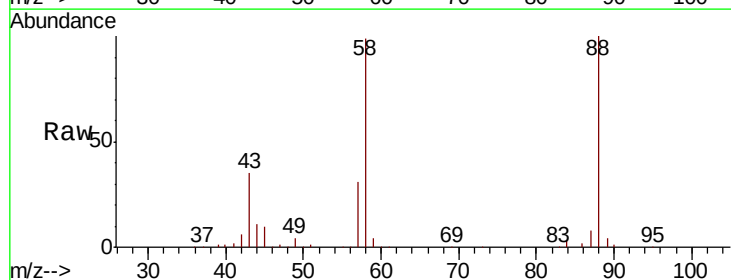
Manual Integrations
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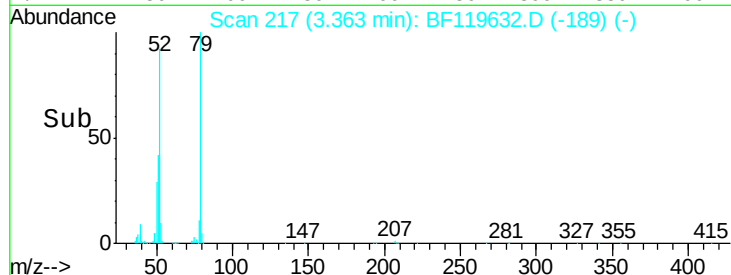
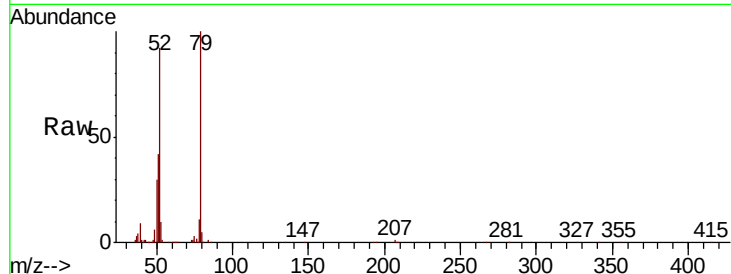
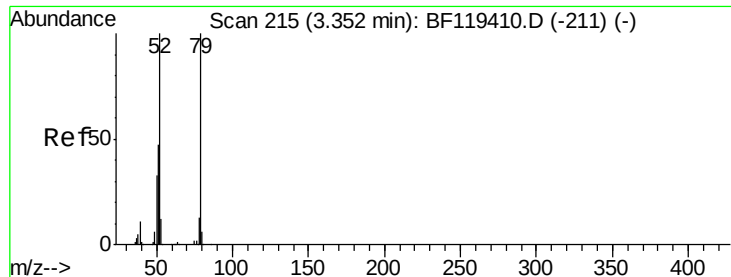
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#2
 1,4-Dioxane
 Concen: 23.641 ng
 RT: 2.63 min Scan# 92
 Delta R.T. 0.06 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.9	80.6	121.0
43	35.3	27.5	41.3





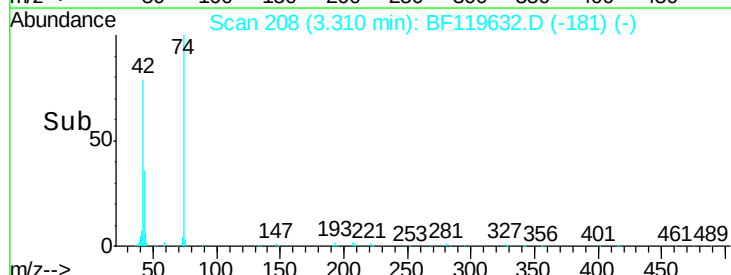
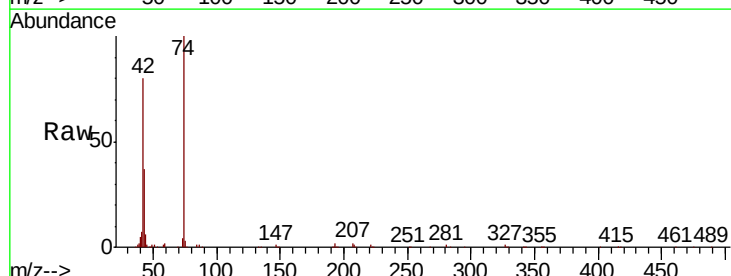
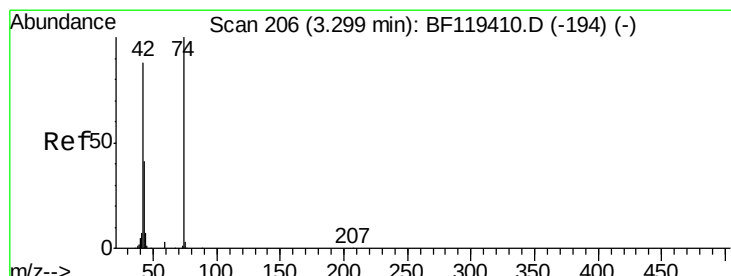
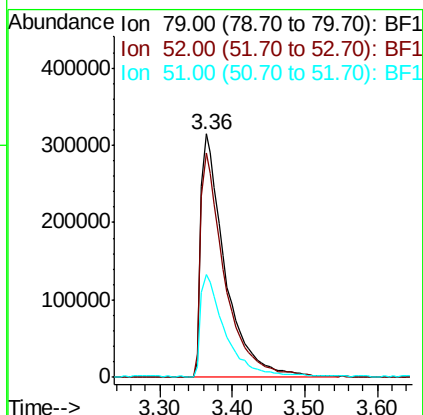
#3
 Pvridine
 Concen: 28.003 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.06 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.1	80.2	120.2
51	42.0	37.7	56.5

Instrument :
 BNA_F
 ClientSampleId :
 PB127886BS

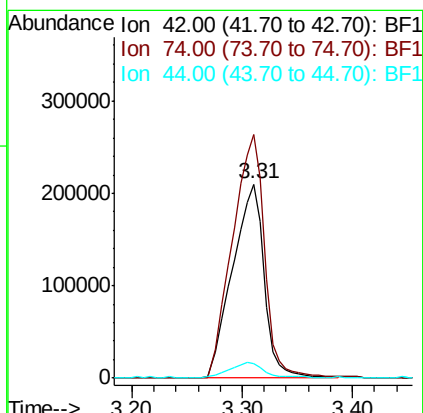
Manual Integrations
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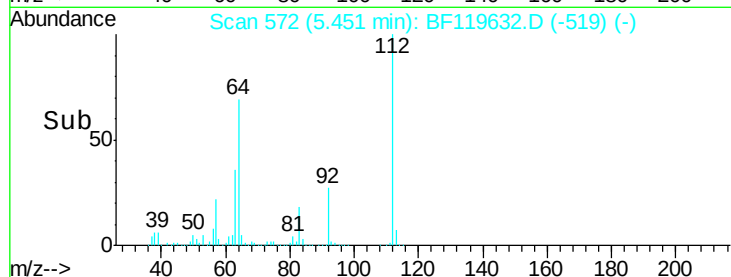
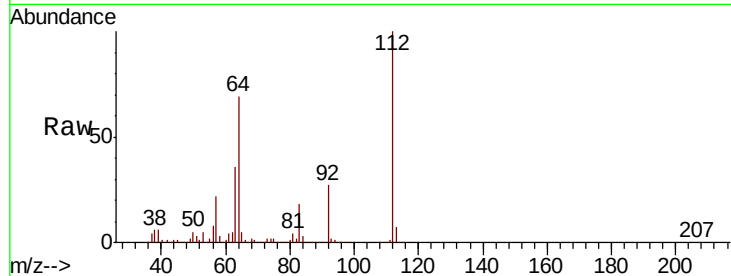
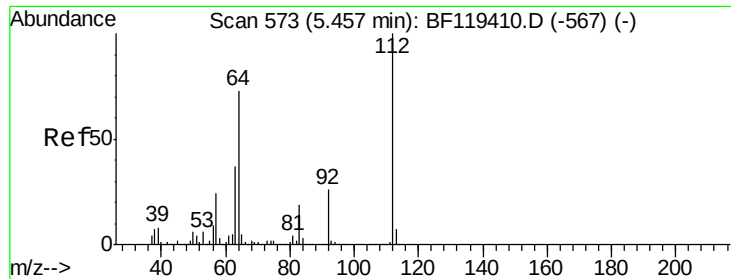
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#4
 n-Nitrosodimethylamine
 Concen: 32.967 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.06 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.5	91.5	137.3
44	7.7	6.2	9.4





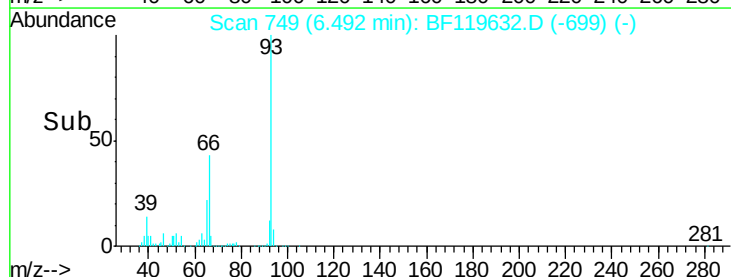
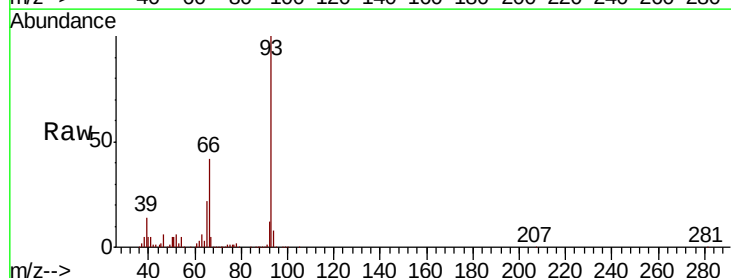
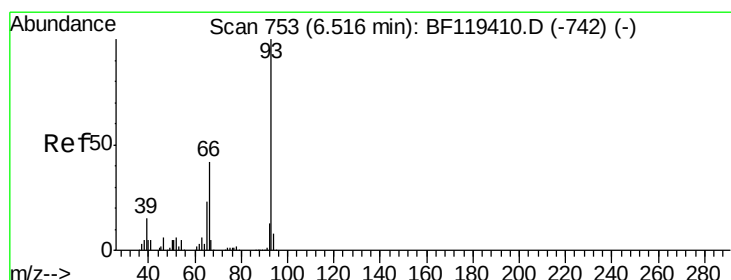
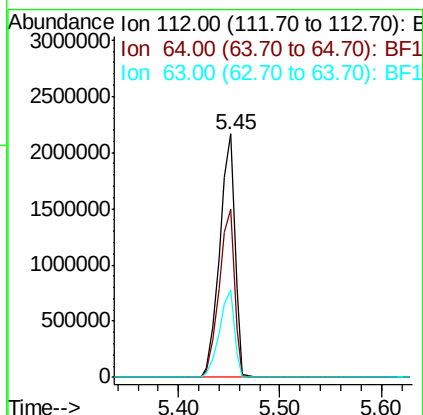
#5
2-Fluorophenol
Concen: 117.784 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tot Ion: 112 Resp: 2264027
Ion Ratio Lower Upper
112 100
64 69.1 56.7 85.1
63 35.9 29.5 44.3

Instrument :
BNA_F
ClientSampleId :
PB127886BS

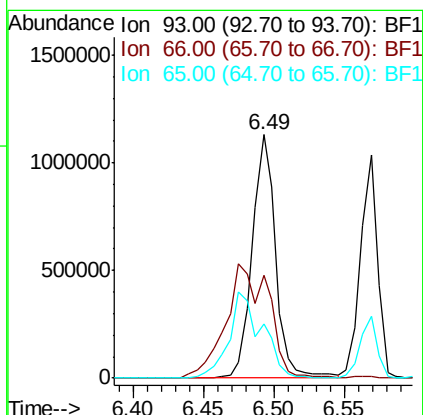
Manual Integrations
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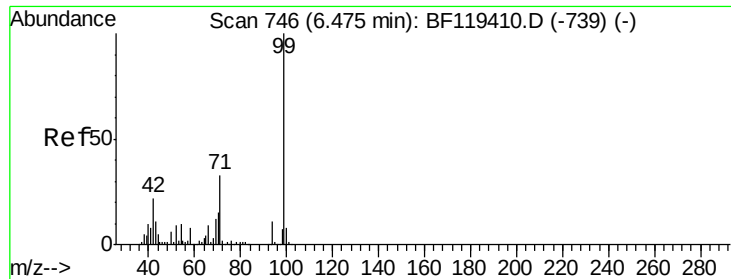
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#6
Aniline
Concen: 39.121 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion: 93 Resp: 1325790
Ion Ratio Lower Upper
93 100
66 42.5 34.9 52.3
65 22.3 18.6 27.8





#7

Phenol-d6

Concen: 126.752 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB127886BS

Tot Ion: 99 Resp: 3112350

Ion Ratio Lower Upper

99 100

42 20.8 16.6 24.8

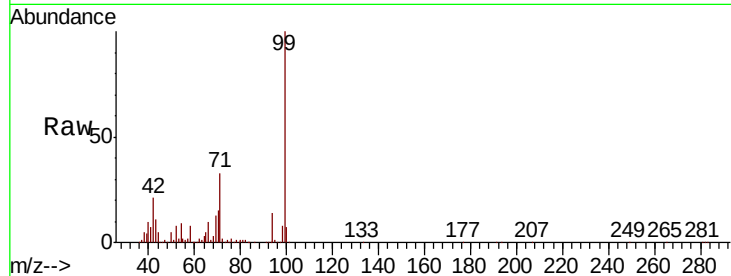
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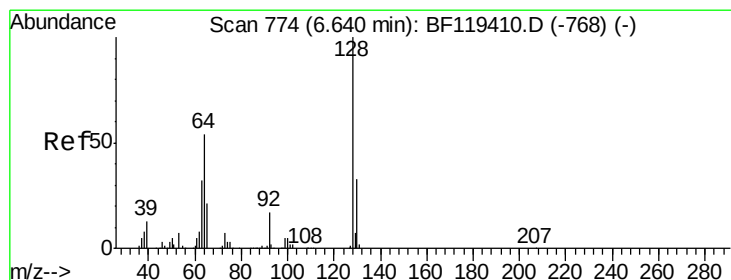
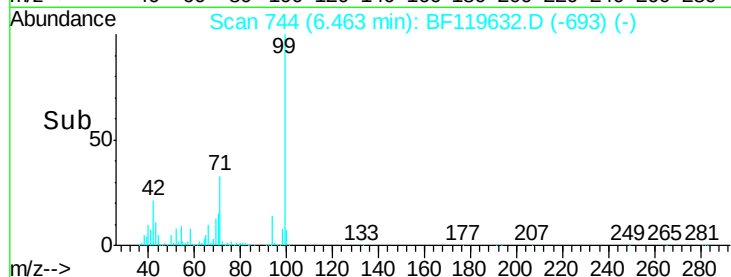
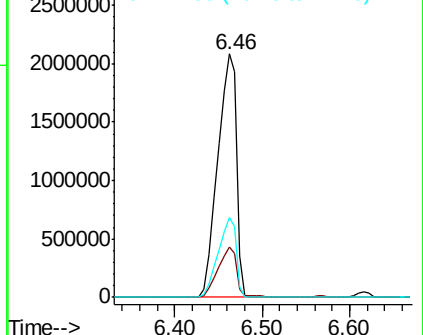
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.231 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

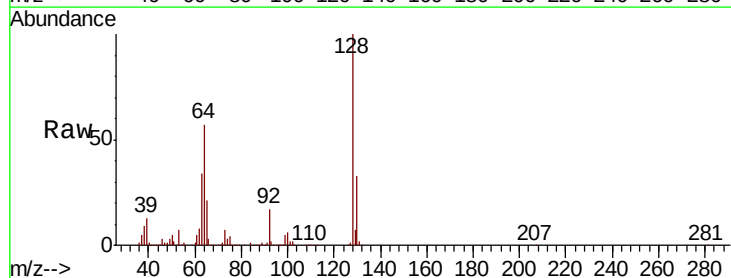
Tgt Ion: 128 Resp: 973717

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

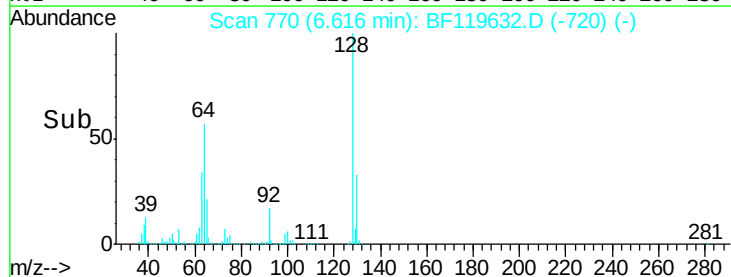
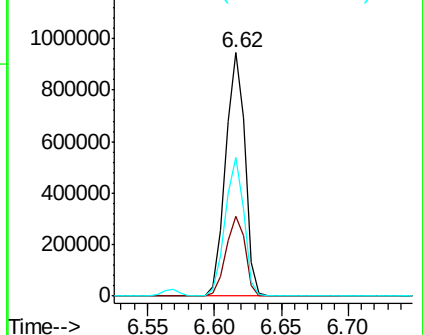
64 57.1 35.3 75.3

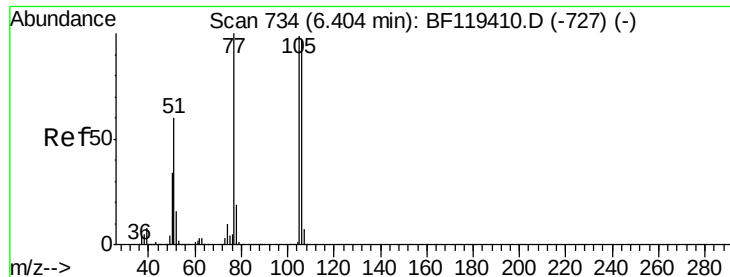


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.045 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Instrument :

BNA_F

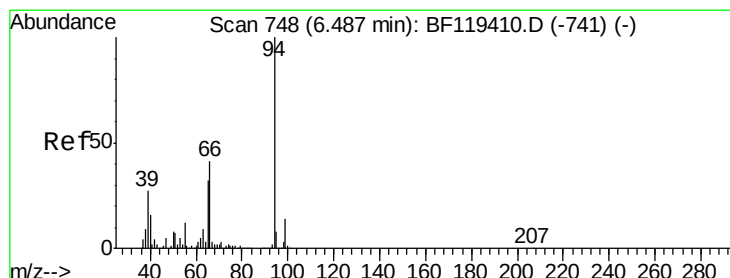
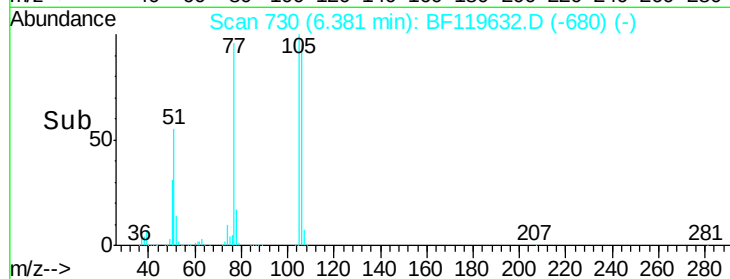
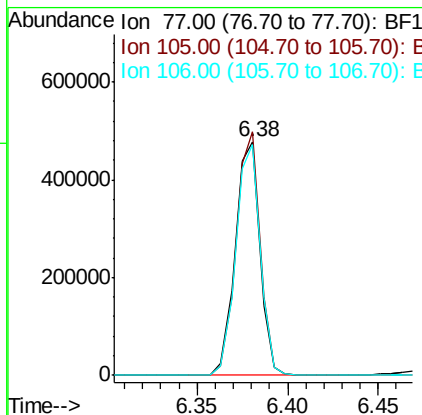
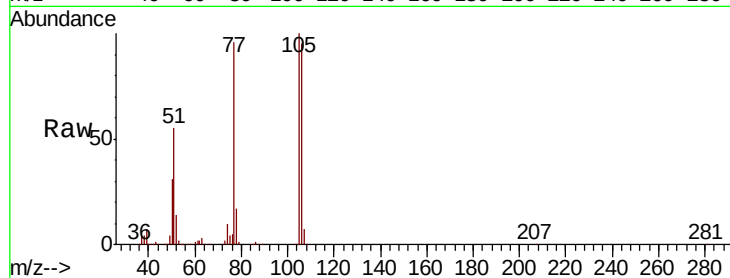
ClientSampleId :

PB127886BS

Tot Ion:	77	Resp:	452430
Ion	Ratio	Lower	Upper
77	100		
105	104.1	80.9	120.9
106	98.6	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 48.434 ng

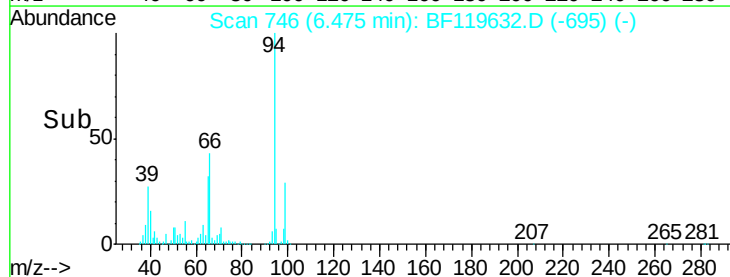
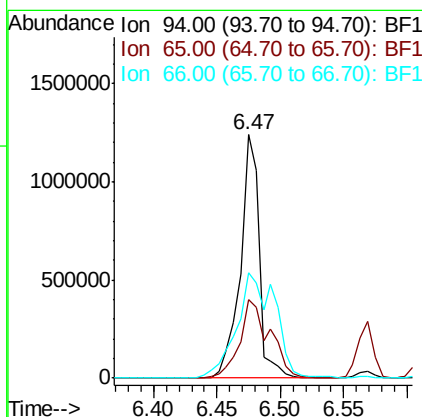
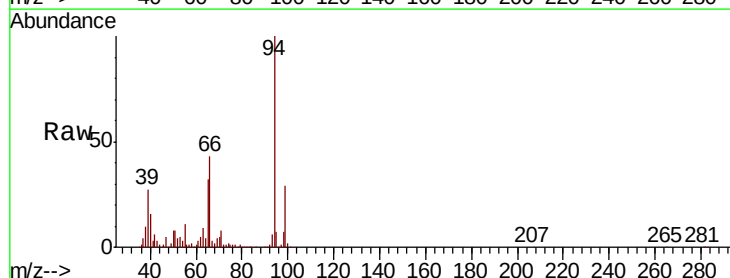
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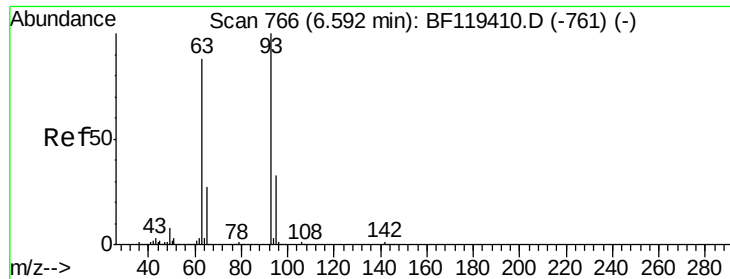
Delta R.T. -0.00 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Tgt Ion:	94	Resp:	1268990
Ion	Ratio	Lower	Upper
94	100		
65	32.5	13.2	53.2
66	43.1	22.3	62.3





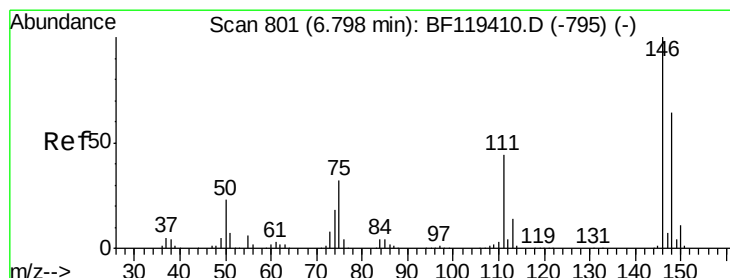
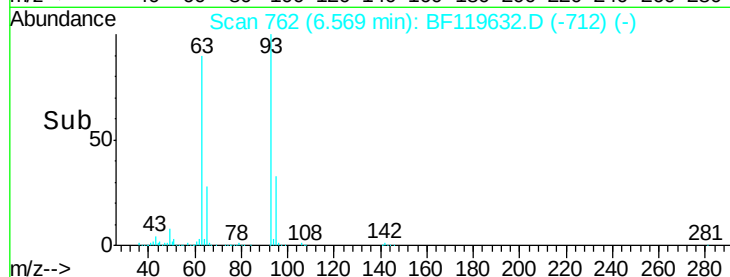
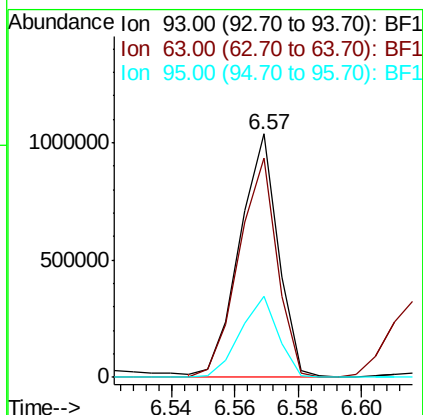
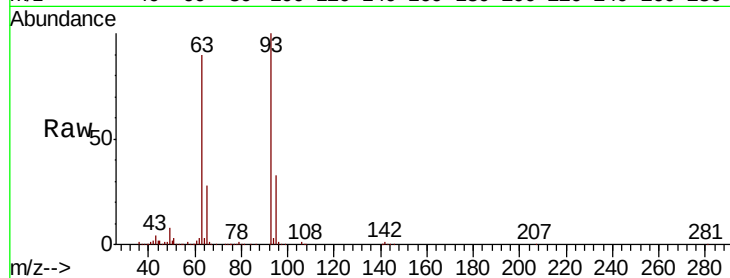
#11
bis(2-Chloroethyl)ether
Concen: 41.395 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampled :
PB127886BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.1	70.2	110.2
95	33.4	13.4	53.4

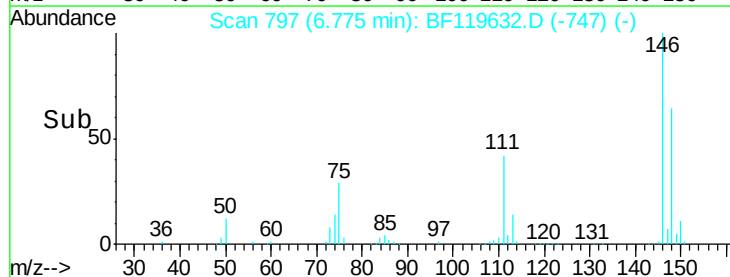
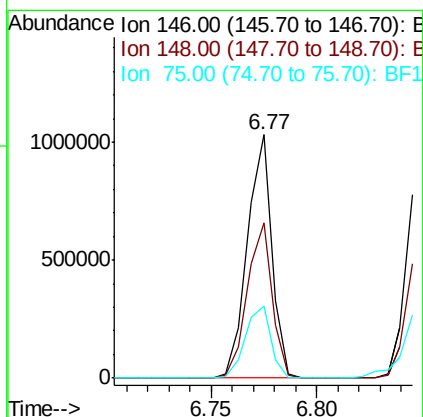
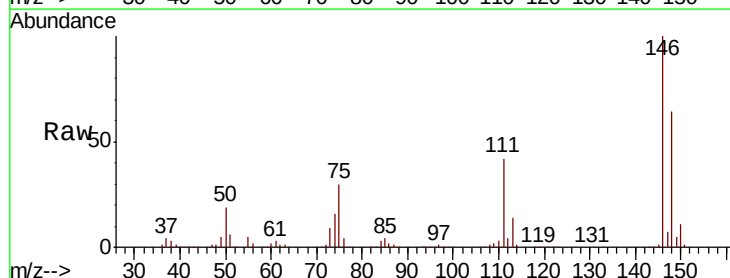
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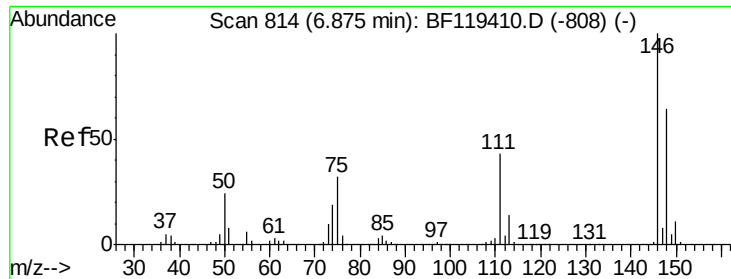
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.079 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.4
75	29.8	23.0	34.4





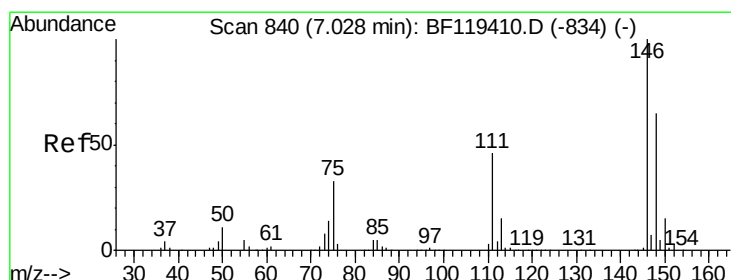
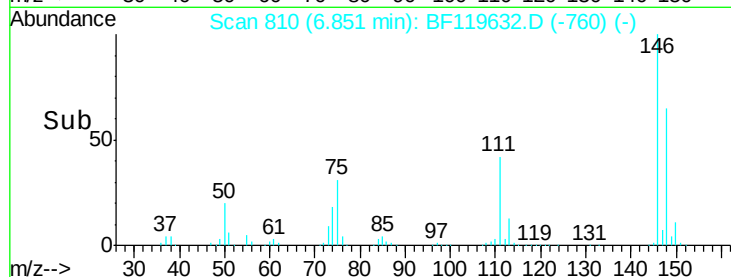
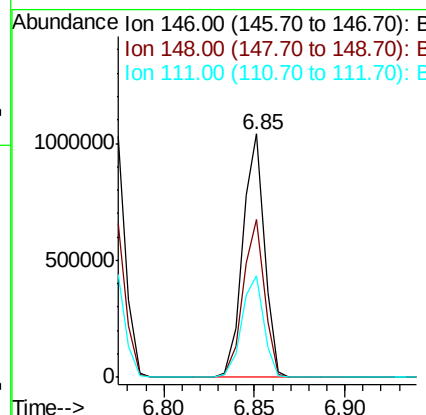
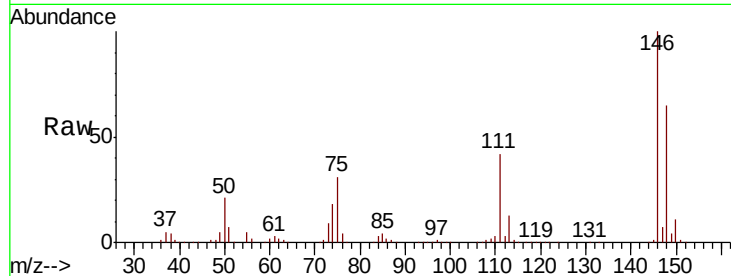
#13
1,4-Dichlorobenzene
Concen: 39.297 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	41.5	33.3	49.9

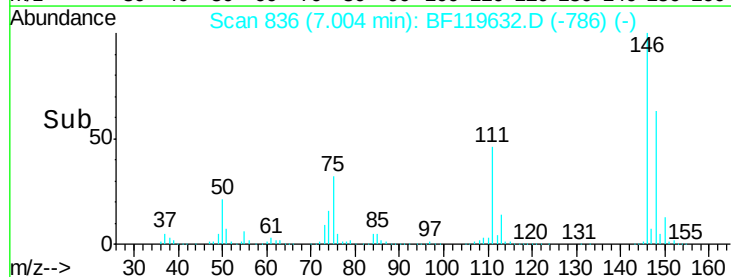
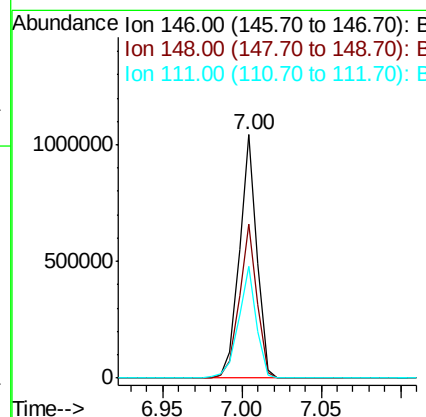
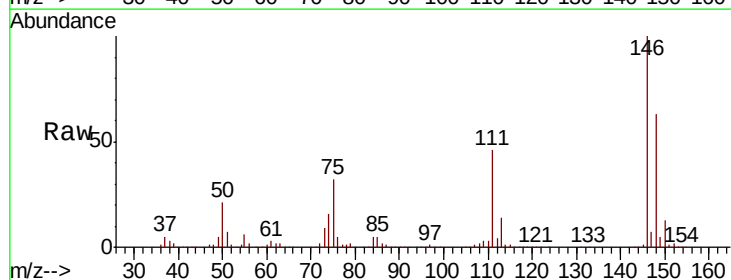
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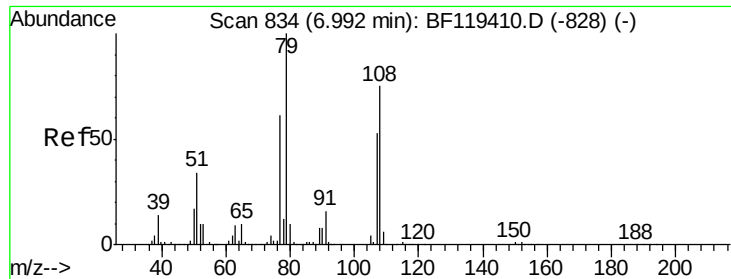
mohammad
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#14
1,2-Dichlorobenzene
Concen: 38.846 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	45.7	36.1	54.1





#15

Benzyl Alcohol

Concen: 45.829 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Instrument :

BNA_F

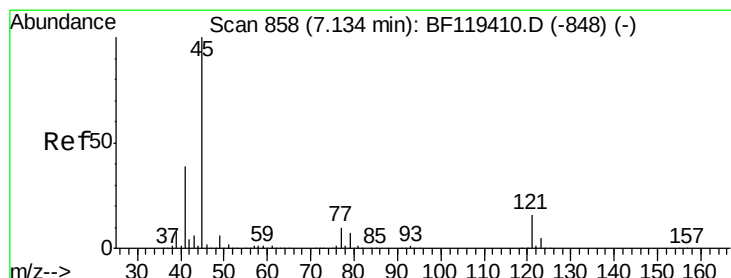
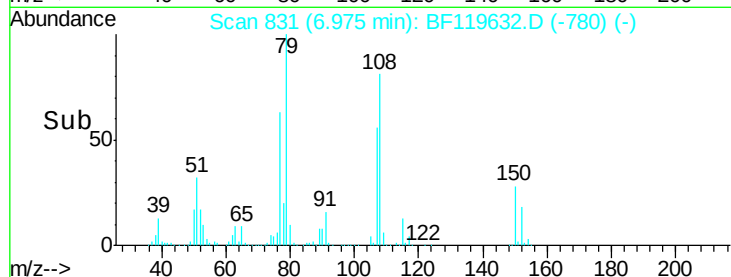
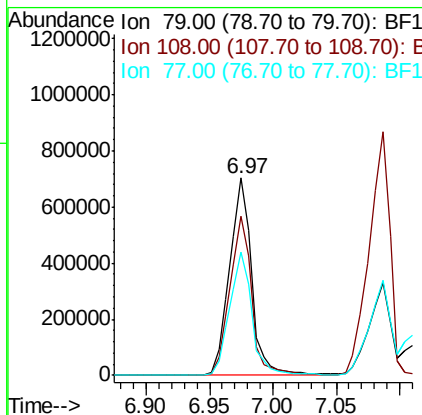
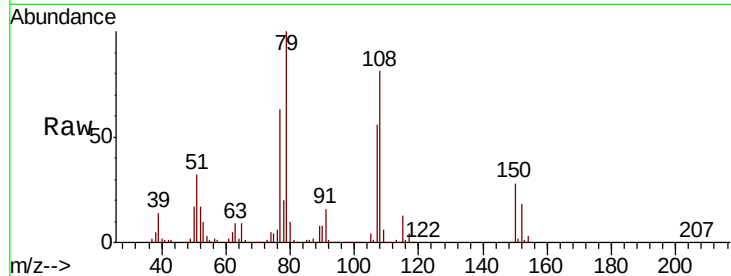
ClientSampled :

PB127886BS

Tot Ion:	79	Resp:	846485
Ion Ratio	Lower	Upper	
79	100		
108	80.5	60.6	90.8
77	62.9	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.007 ng

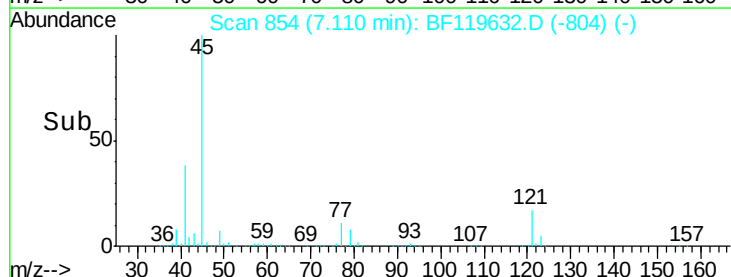
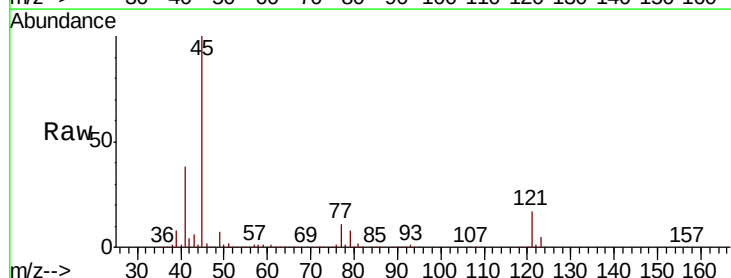
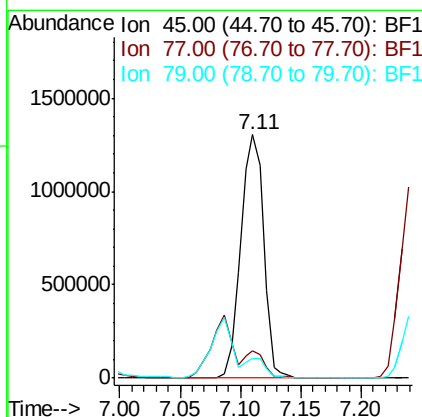
RT: 7.11 min Scan# 854

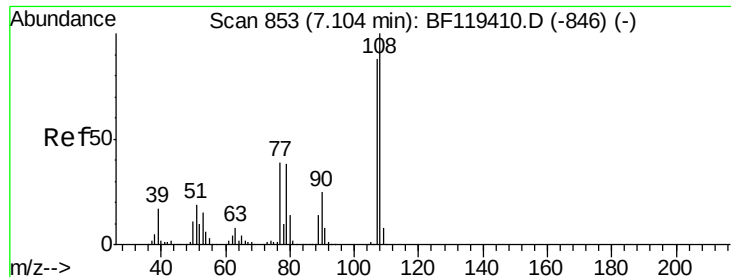
Delta R.T. -0.01 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Tgt Ion:	45	Resp:	1733231
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	30.7
79	8.2	0.0	28.2





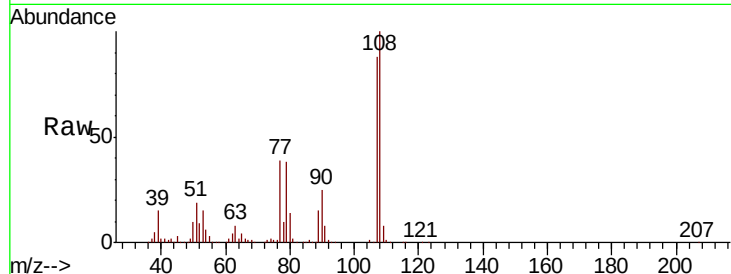
#17
2-Methylphenol
Concen: 46.100 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

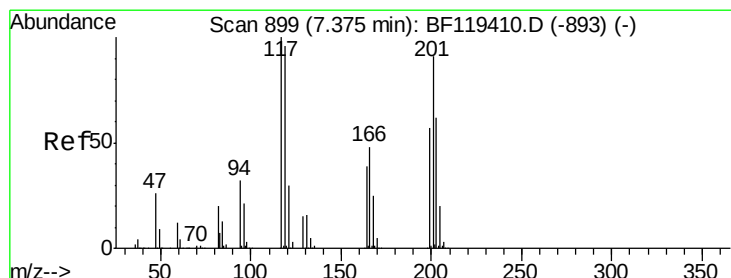
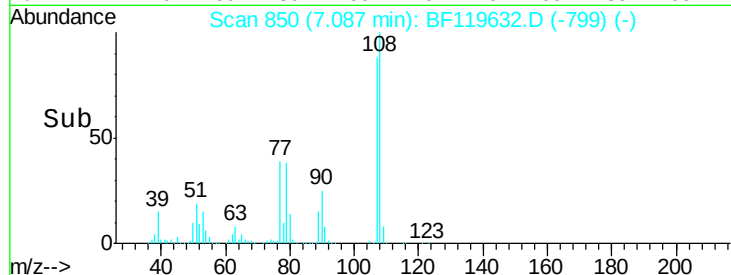
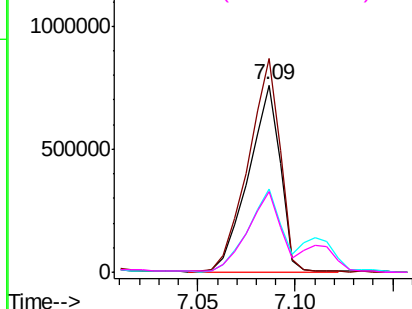
Tot Ion	Ratio	Resp	Lower	Upper
107	100	852717		
108	114.1	92.2	138.4	
77	44.4	36.6	54.8	
79	43.1	36.2	54.4	

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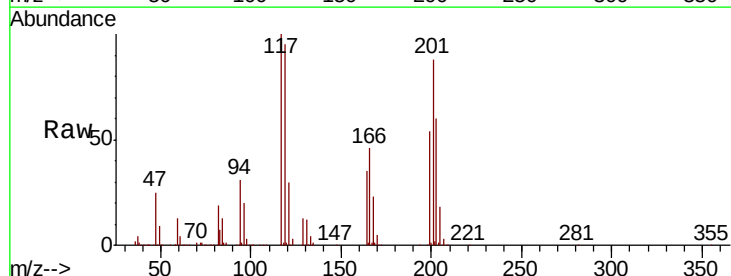


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

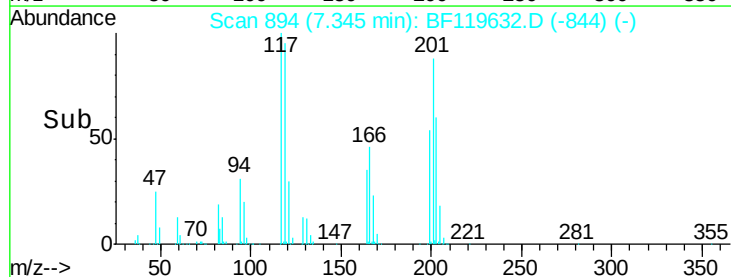
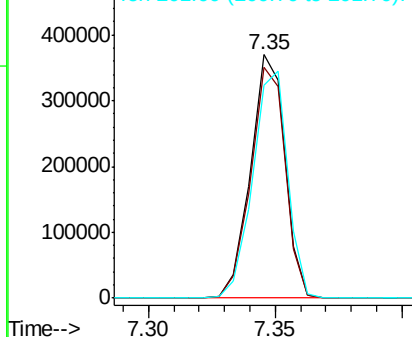


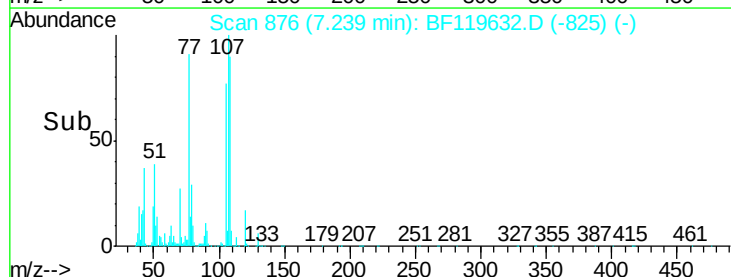
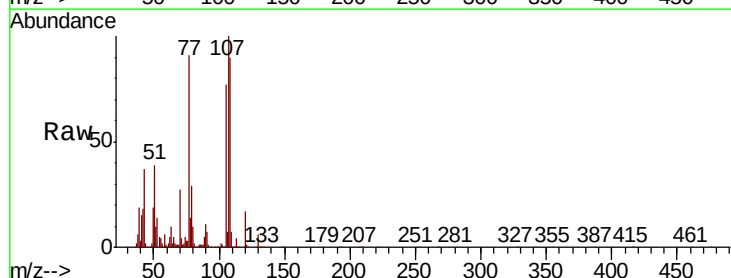
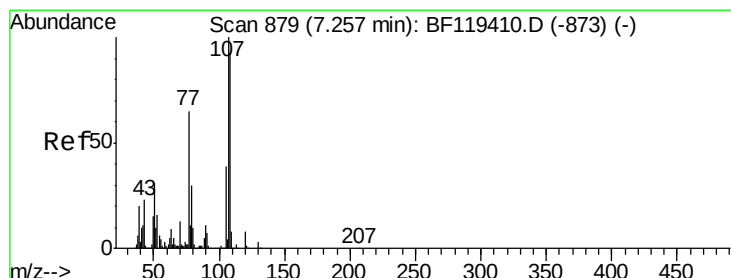
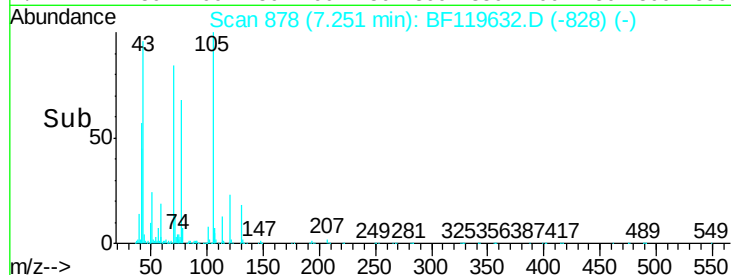
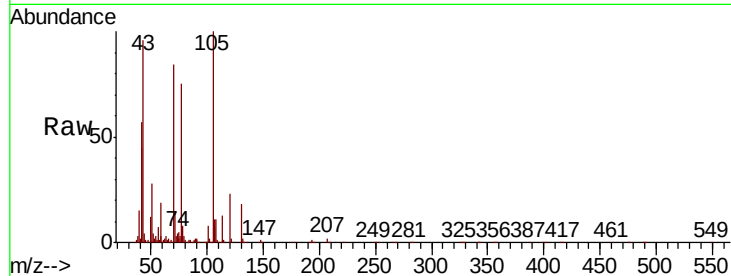
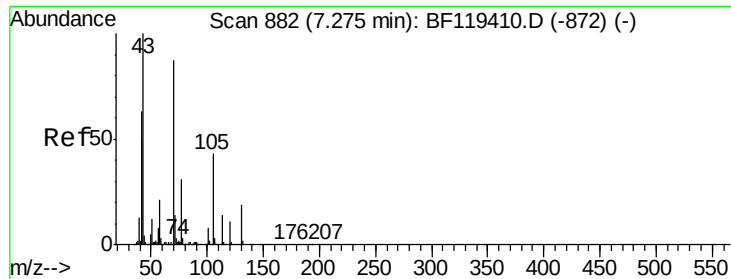
#18
Hexachloroethane
Concen: 43.663 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	349714		
119	94.6	76.1	114.1	
201	87.6	73.0	109.6	



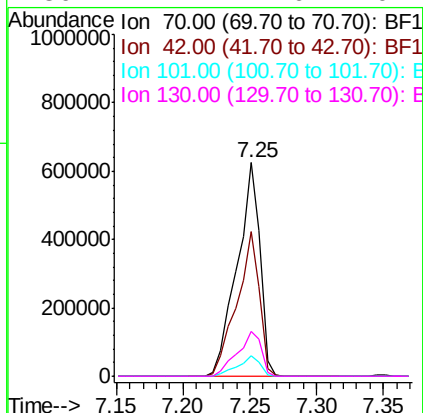
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 50.437 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.4	54.5	81.7
101	9.5	7.6	11.4
130	21.1	17.6	26.4



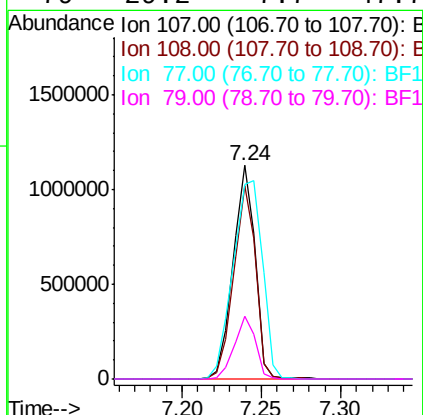
Instrument :
BNA_F
ClientSampleId :
PB127886BS

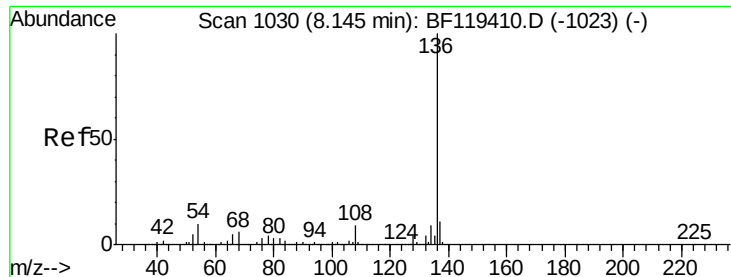
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#20
3+4-Methylphenols
Concen: 47.983 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	67.9	107.9
77	90.8	52.9	92.9
79	29.2	7.7	47.7





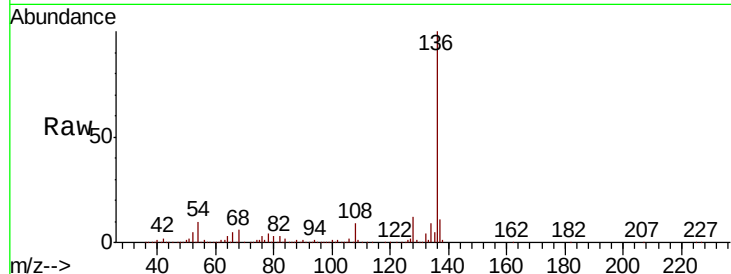
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	136	Resp	1356024
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.1	9.1	13.7
68	6.2	4.6	6.8

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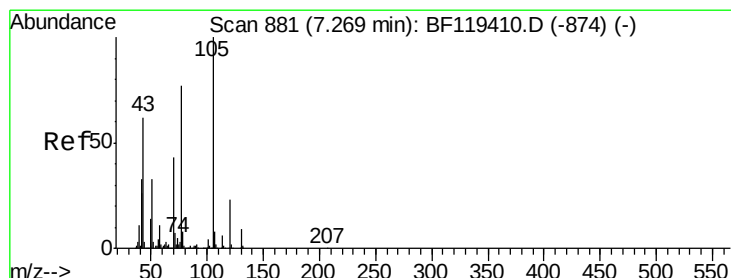
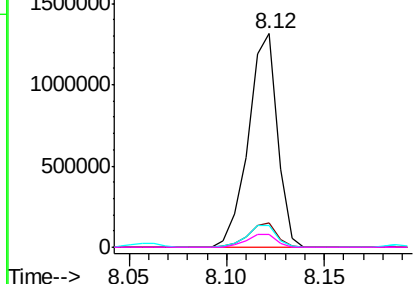
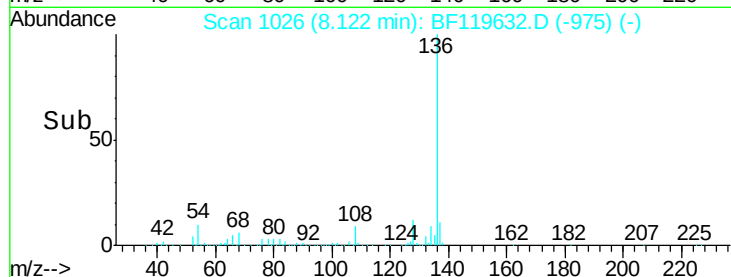
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

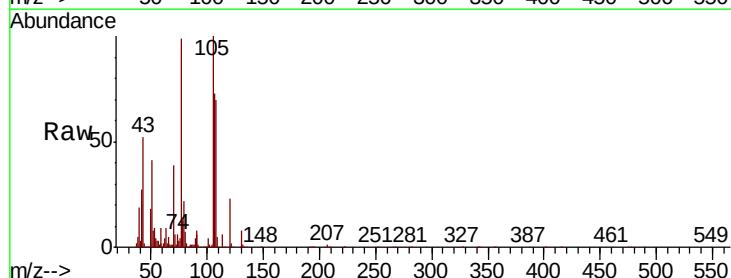
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.355 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	105	Resp	1339984
Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.7	8.5
51	40.8	26.2	39.4
120	23.1	18.3	27.5



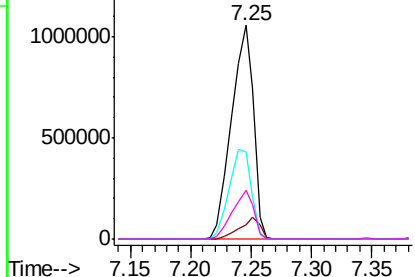
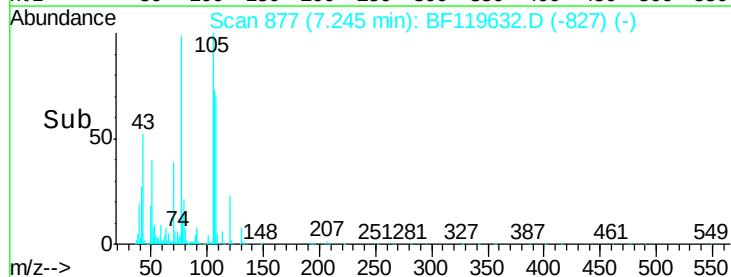
Abundance

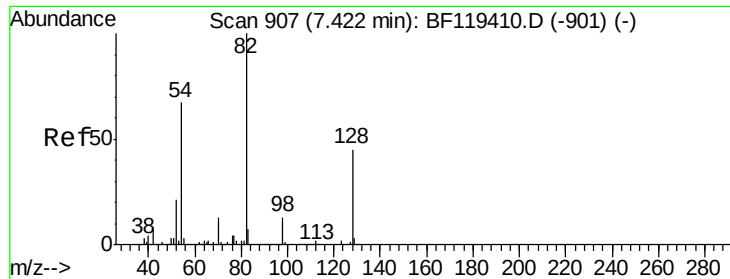
Ion 105.00 (104.70 to 105.70): E

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





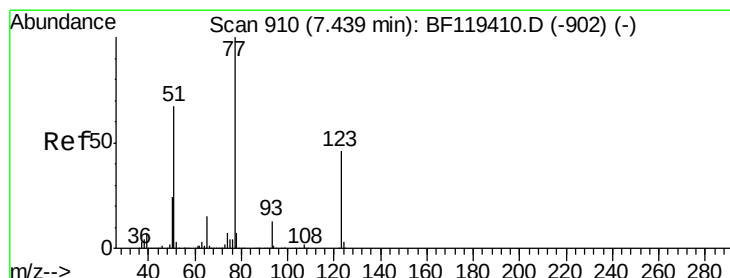
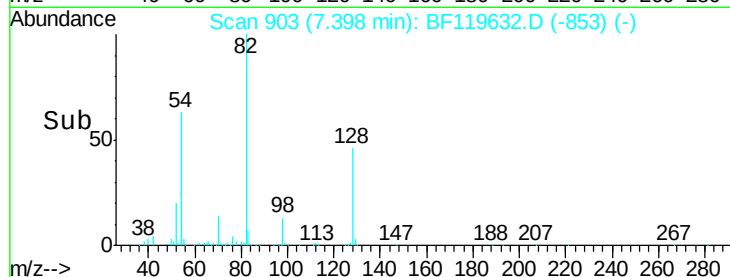
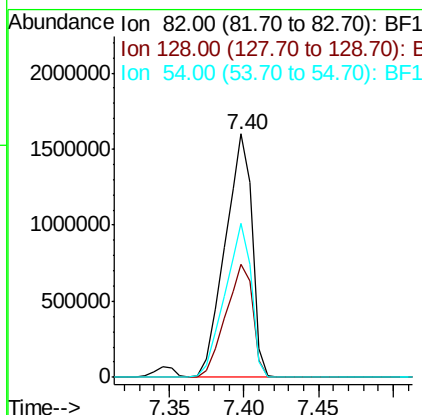
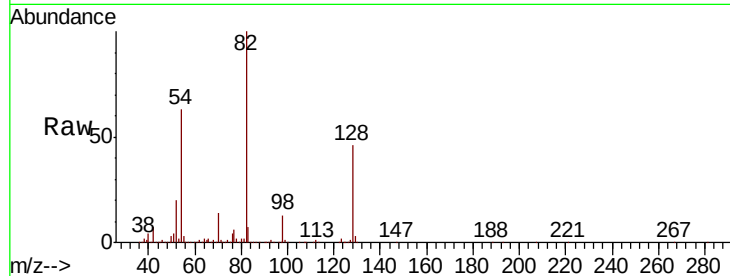
#23
 Nitrobenzene-d5
 Concen: 81.438 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127886BS

Tot Ion: 82 Resp: 2031944
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.3 54.5
 54 63.2 50.6 75.8

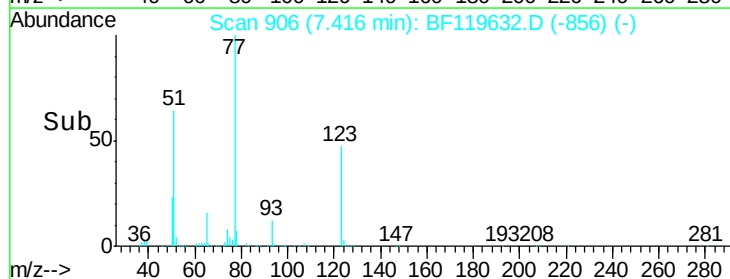
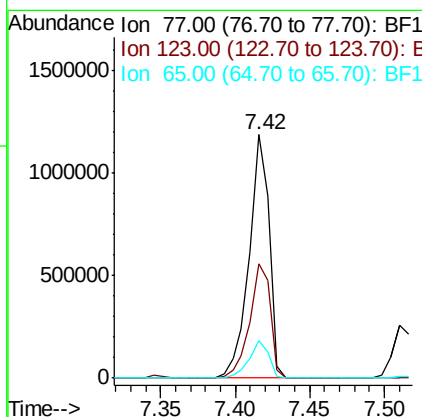
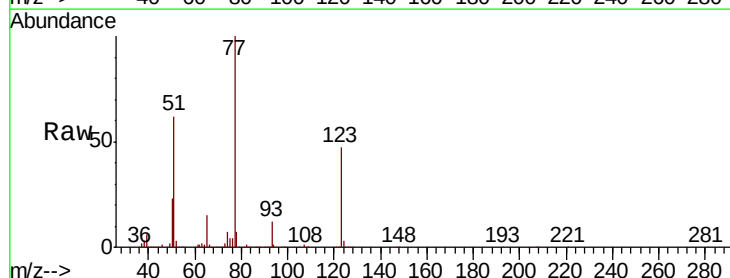
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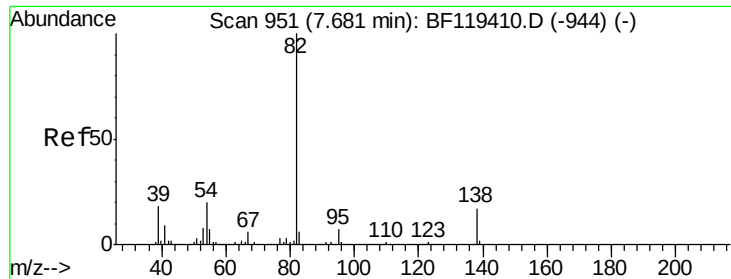
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#24
 Nitrobenzene
 Concen: 41.164 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Tgt Ion: 77 Resp: 1097620
 Ion Ratio Lower Upper
 77 100
 123 47.0 38.0 57.0
 65 15.3 12.6 18.8





#25

Isophorone

Concen: 43.522 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB127886BS

Tot Ion: 82 Resp: 2202821

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

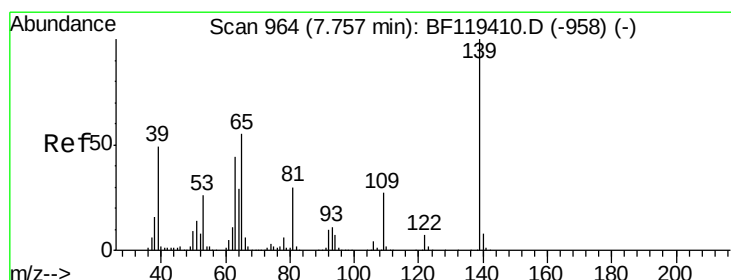
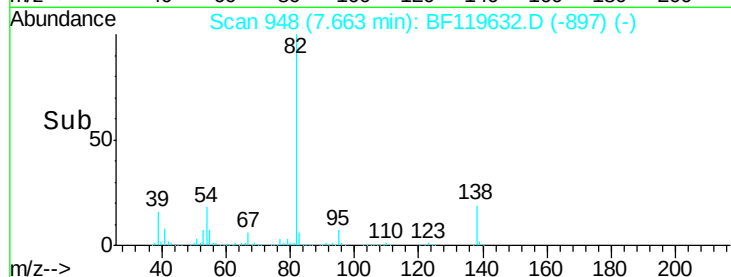
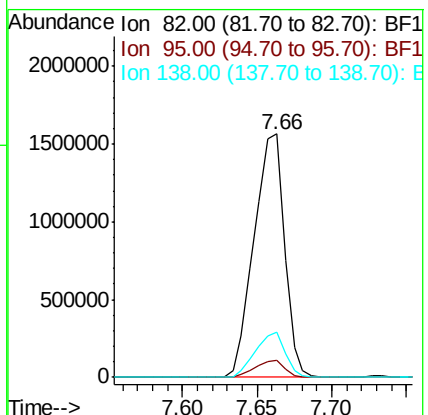
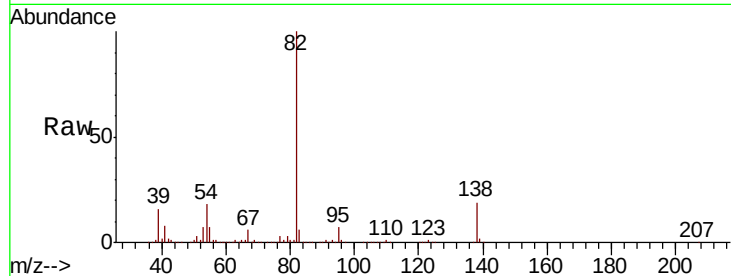
138 18.8 14.6 21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 55.296 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

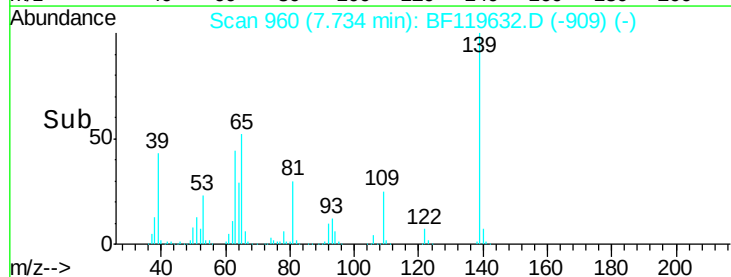
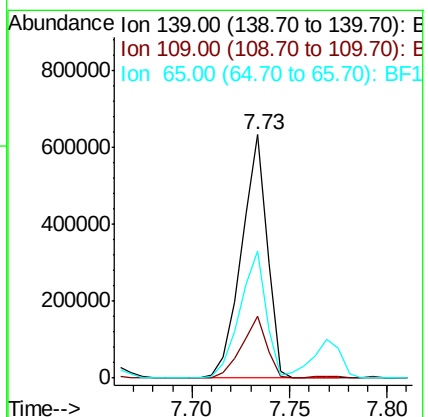
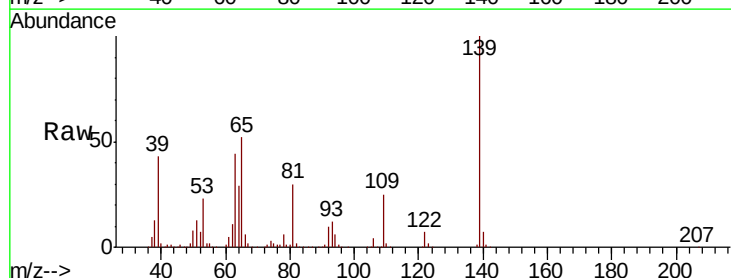
Tgt Ion: 139 Resp: 580553

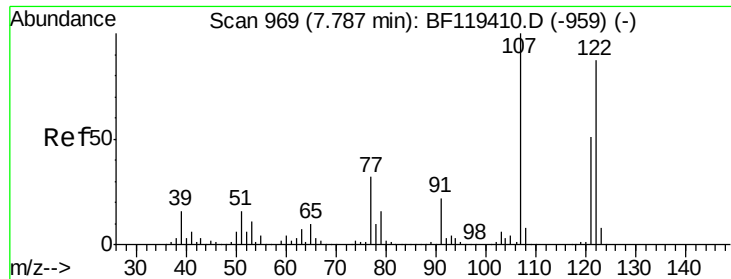
Ion Ratio Lower Upper

139 100

109 25.3 22.1 33.1

65 52.4 49.2 73.8





#27

2,4-Dimethylphenol

Concen: 47.407 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Instrument :

BNA_F

ClientSampled :

PB127886BS

Tot Ion:122 Resp: 1029156

Ion Ratio Lower Upper

122 100

107 111.0 89.0 133.6

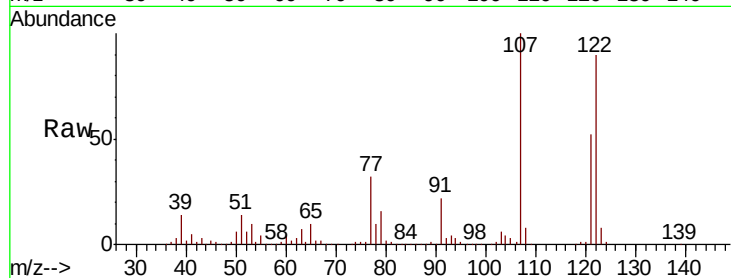
121 58.0 46.7 70.1

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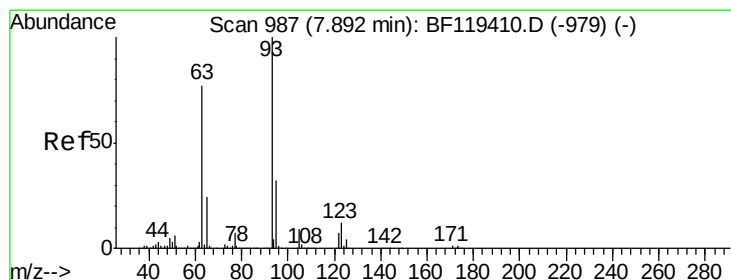
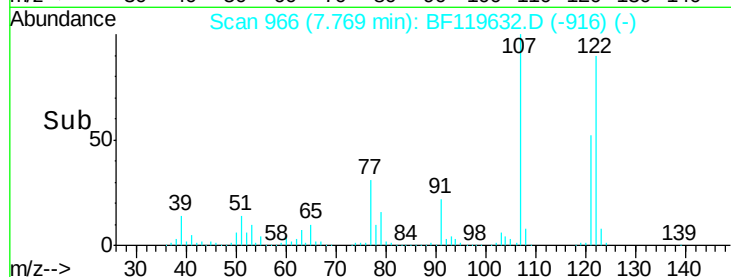
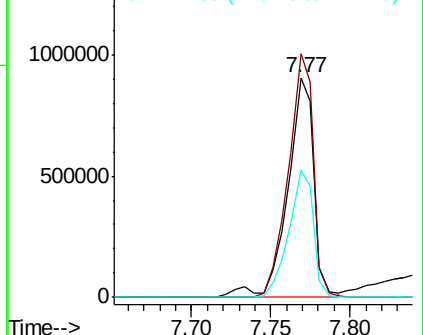
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.028 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

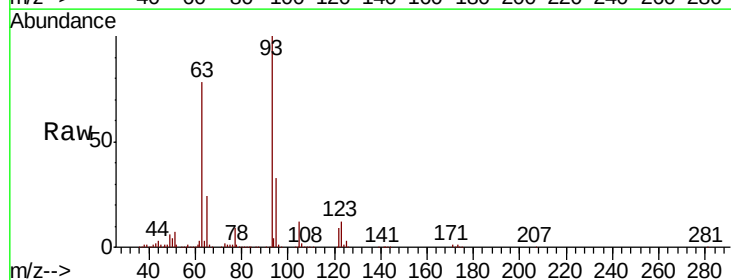
Tgt Ion: 93 Resp: 1377585

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

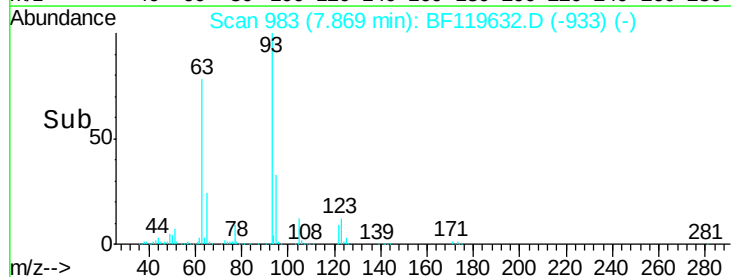
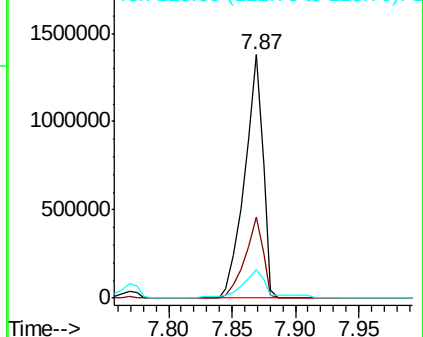
123 11.8 9.7 14.5

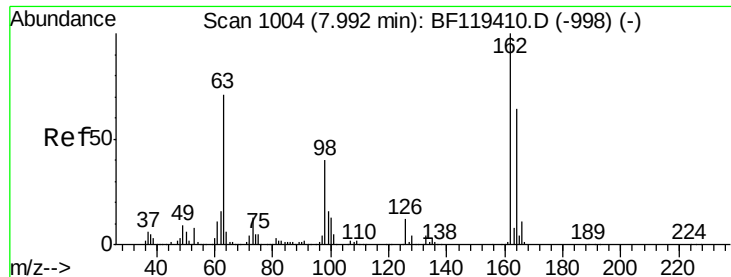


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





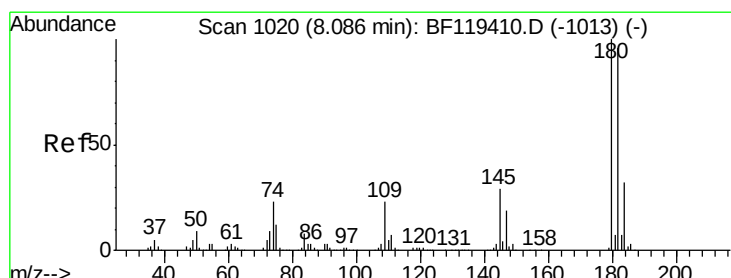
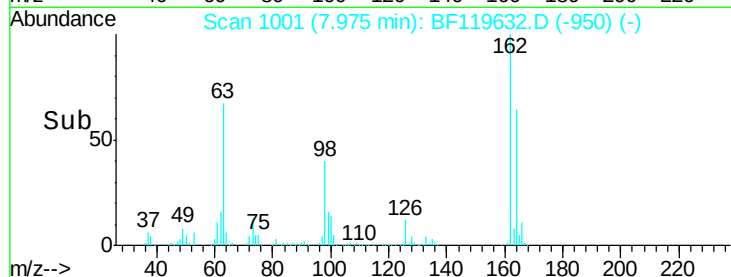
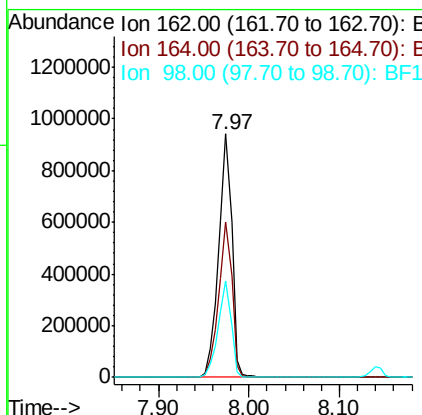
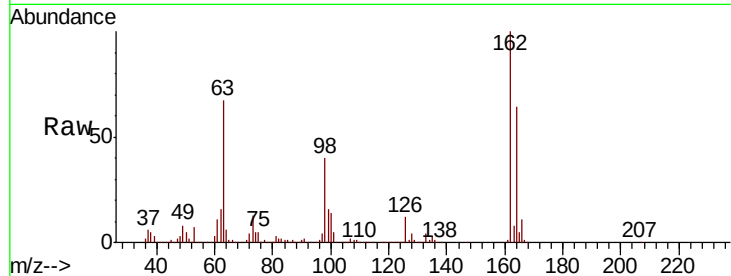
#29
2,4-Dichlorophenol
Concen: 47.459 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.7	84.7
98	39.6	20.7	60.7

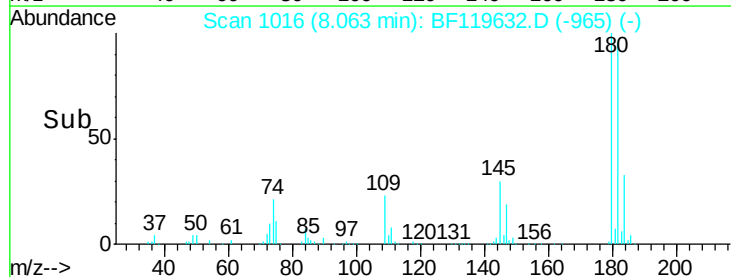
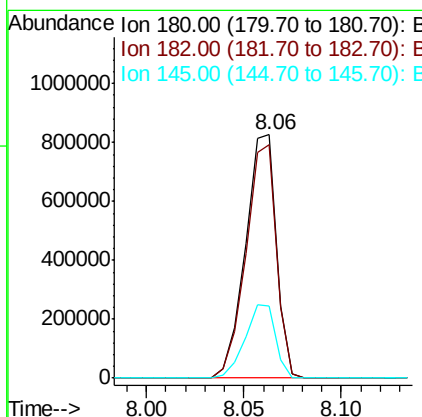
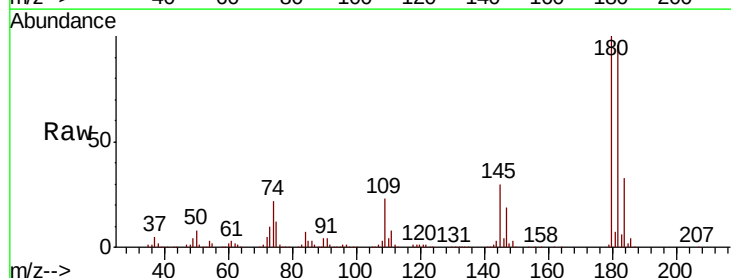
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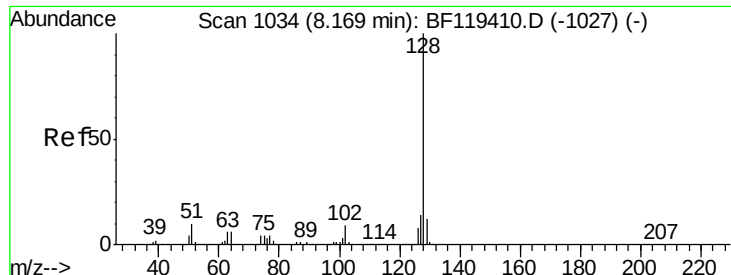
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#30
1,2,4-Trichlorobenzene
Concen: 41.018 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.7	112.1
145	29.6	24.5	36.7





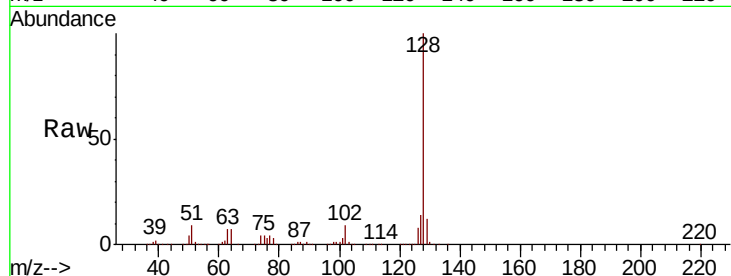
#31
Naphthalene
Concen: 41.674 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.5	14.3
127	14.1	11.3	16.9

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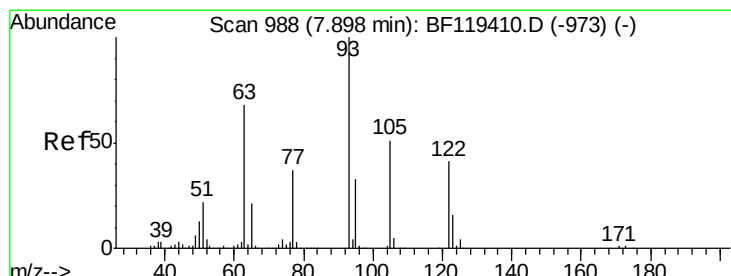
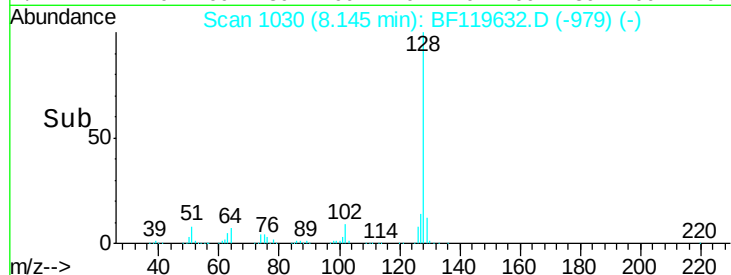
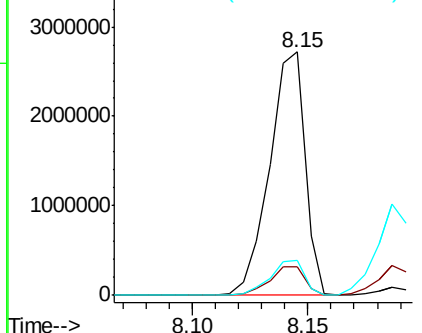


Abundance

Ion 128.00 (127.70 to 128.70): E

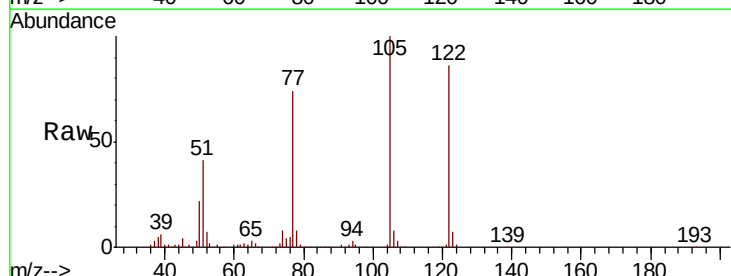
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 61.076 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.7	104.9	144.9
77	86.4	74.4	114.4

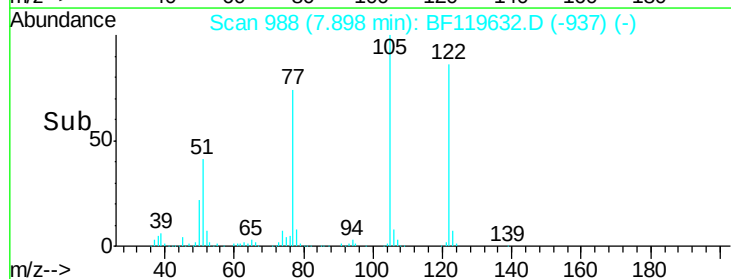
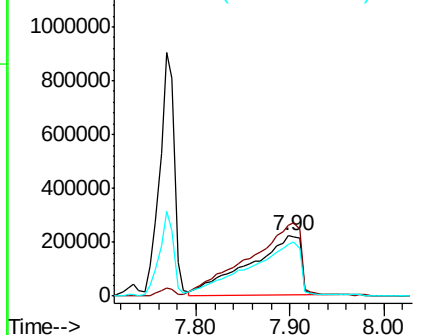


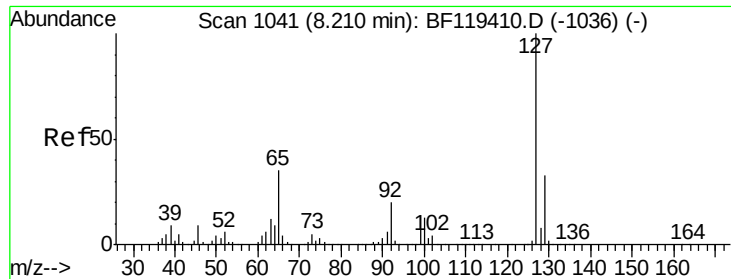
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





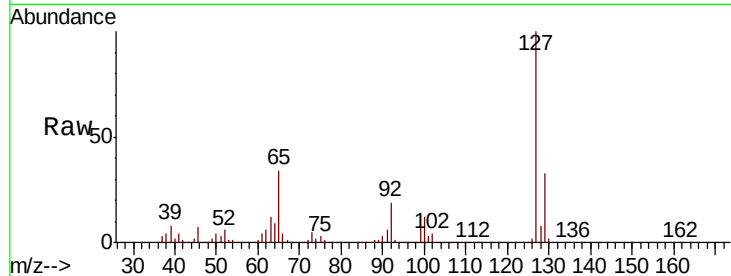
#33
4-Chloroaniline
Concen: 33.389 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	32.7	26.2	39.4	
65	34.0	27.4	41.0	
92	18.9	15.3	22.9	

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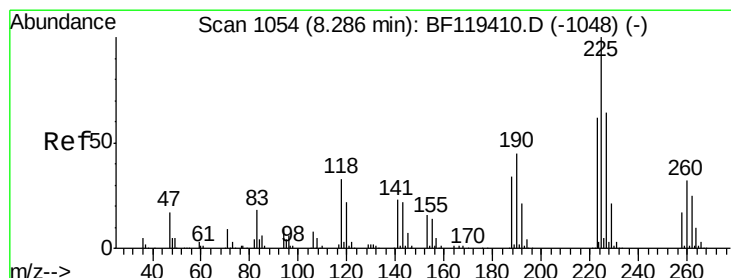
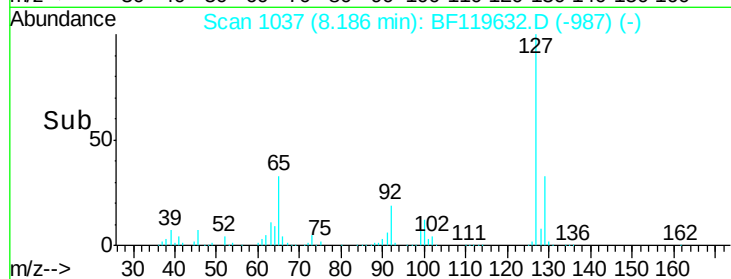
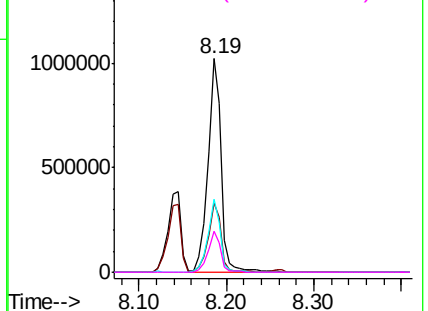
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

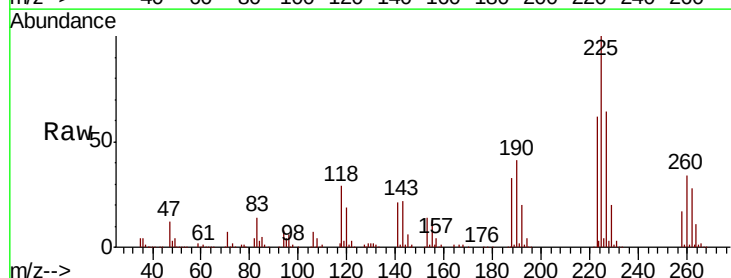
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.395 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	61.8	51.0	76.6	
227	63.8	50.7	76.1	

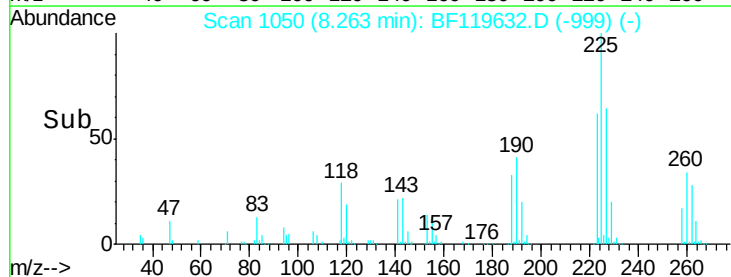
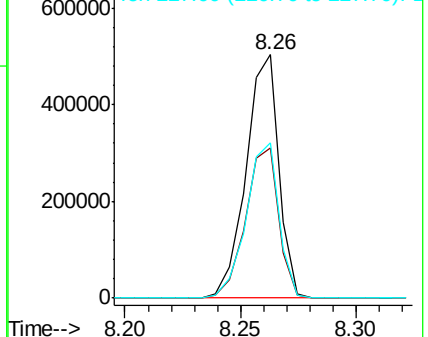


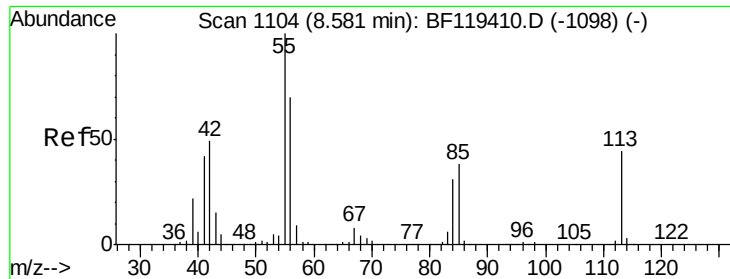
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





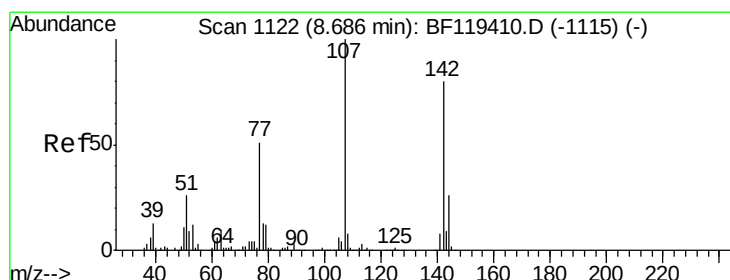
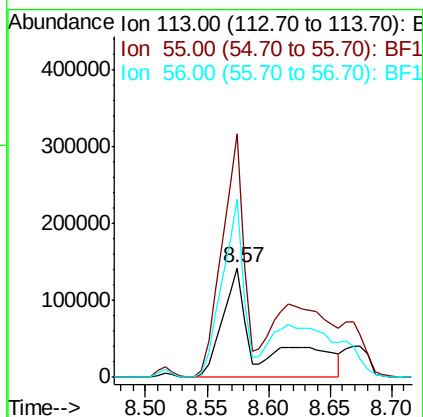
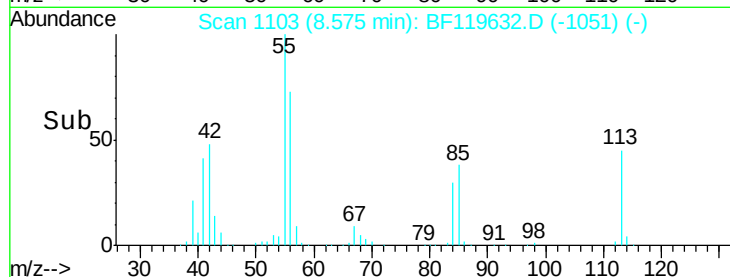
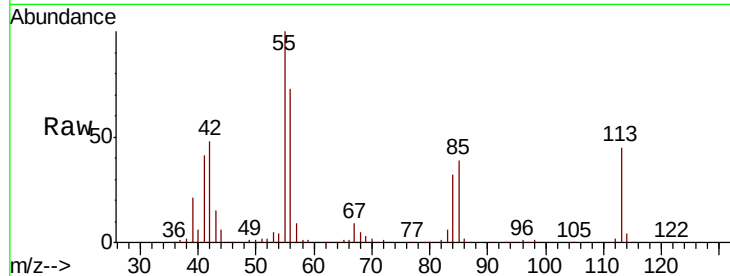
#35
Caprolactam
Concen: 48.201 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	222.3	218.4	258.4
56	162.3	148.9	188.9

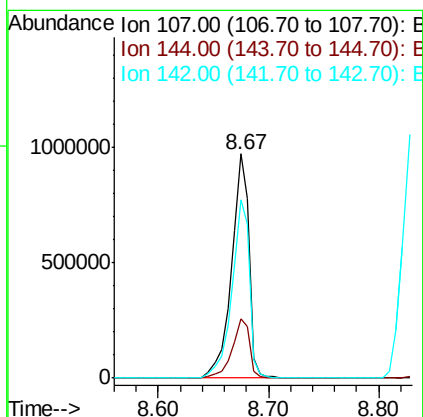
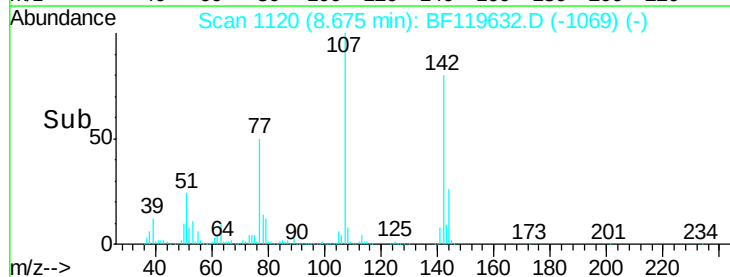
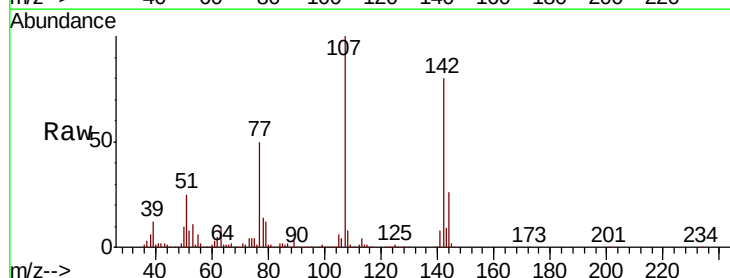
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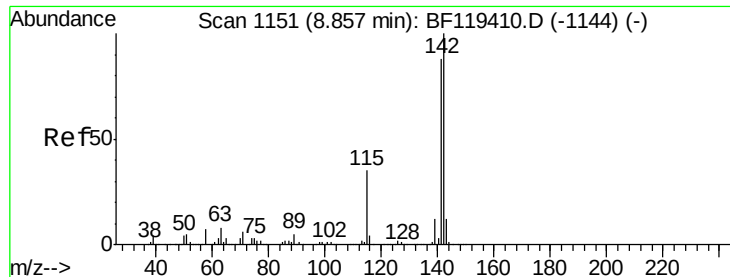
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#36
4-Chloro-3-methylphenol
Concen: 49.331 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.0	31.6
142	79.8	64.4	96.6





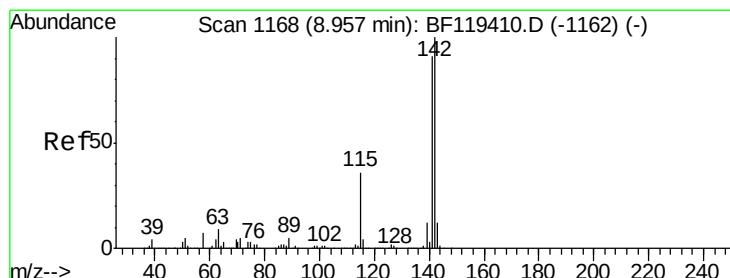
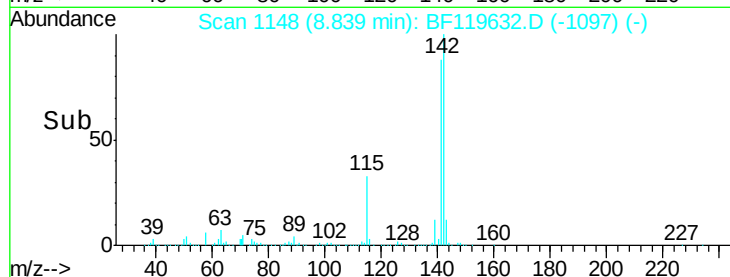
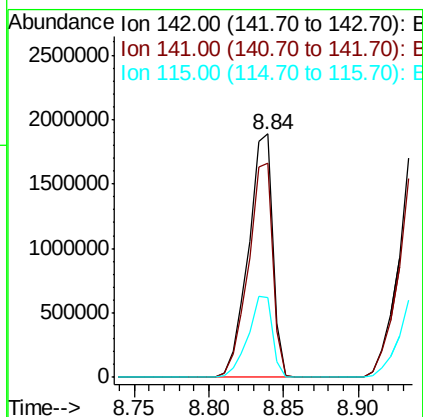
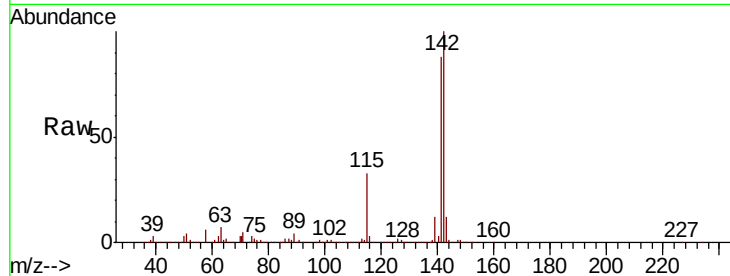
#37
2-Methylnaphthalene
Concen: 46.417 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion:142 Resp: 2125801
Ion Ratio Lower Upper
142 100
141 87.8 71.7 107.5
115 32.6 27.9 41.9

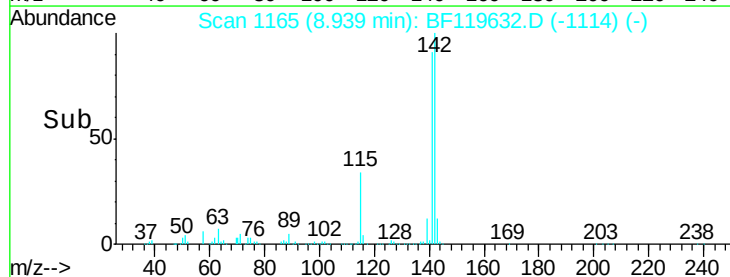
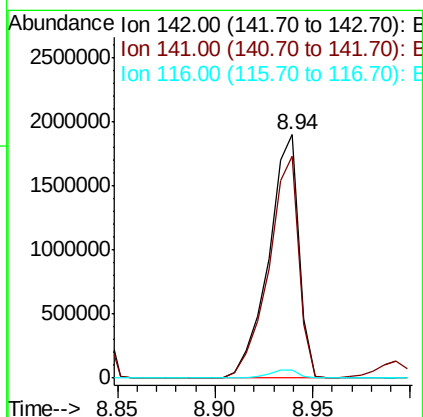
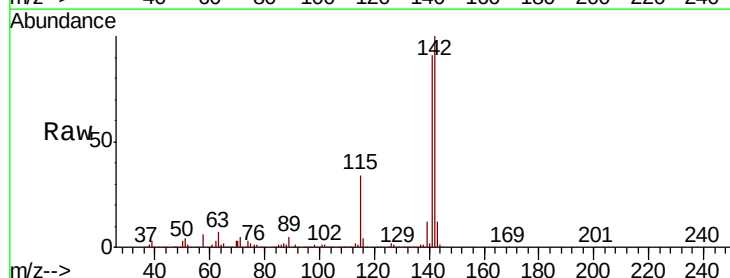
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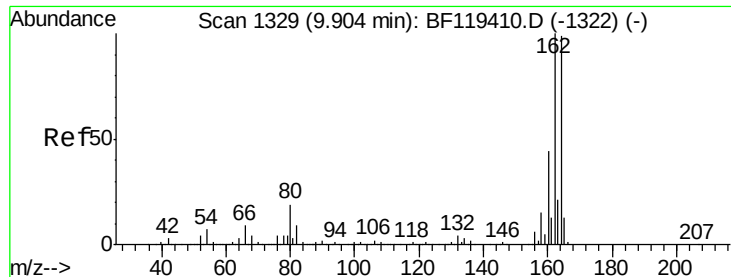
mohammad
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#38
1-Methylnaphthalene
Concen: 46.830 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion:142 Resp: 2030003
Ion Ratio Lower Upper
142 100
141 91.1 73.7 110.5
116 3.6 3.0 4.6





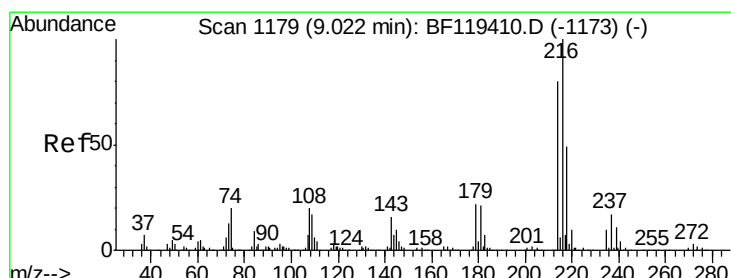
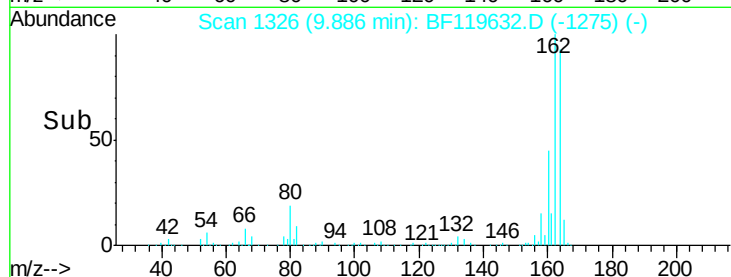
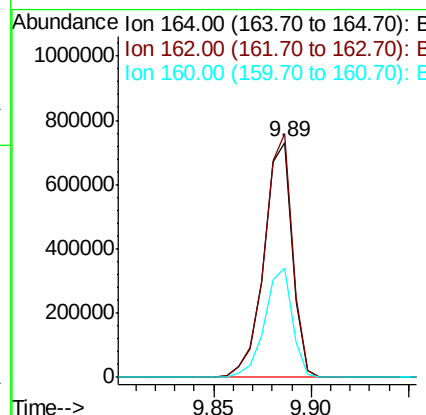
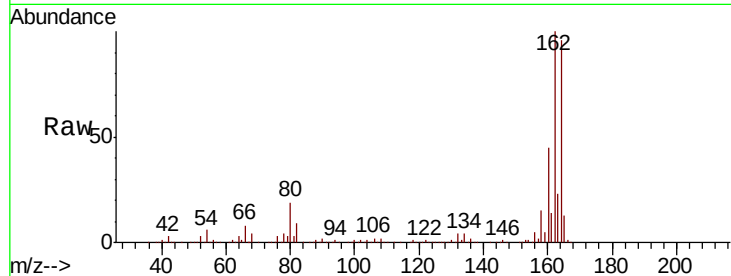
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127886BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.6	121.0
160	46.4	35.7	53.5

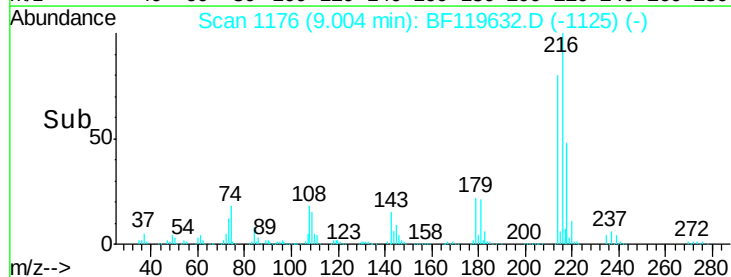
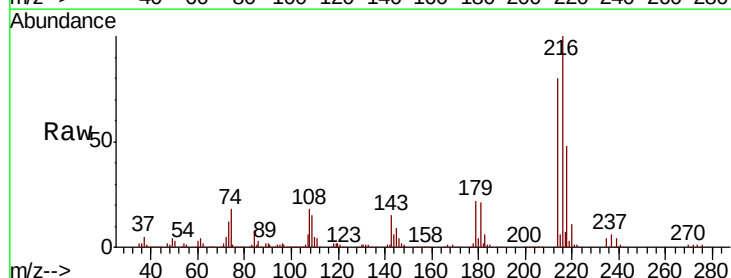
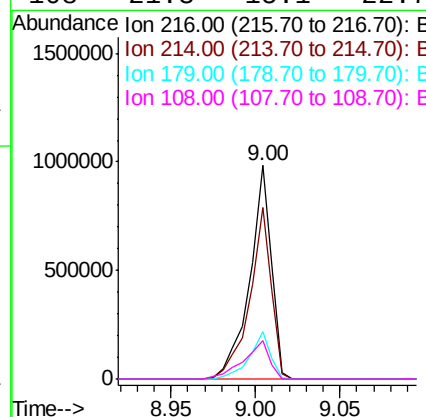
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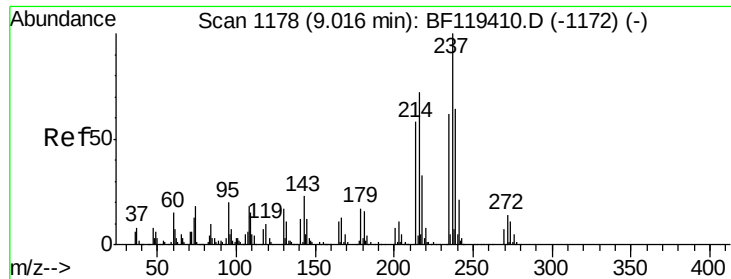
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.066 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.2	94.8
179	21.6	17.1	25.7
108	21.3	15.1	22.7





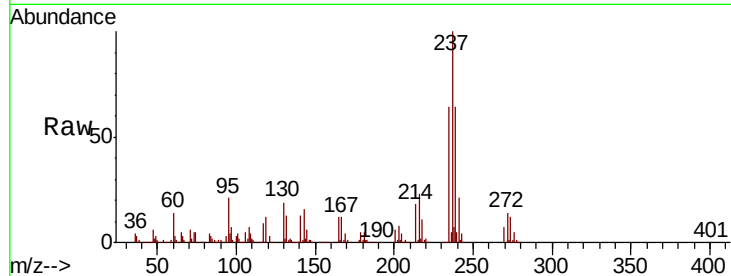
#41
Hexachlorocyclopentadiene
Concen: 90.078 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampled :
PB127886BS

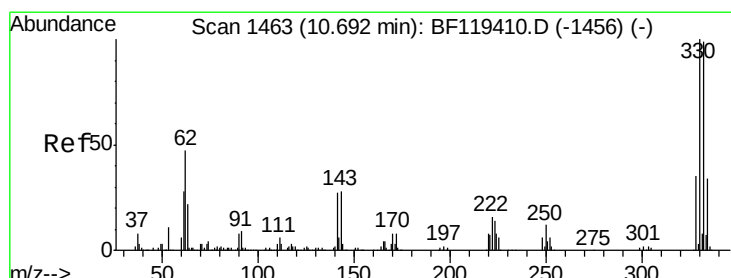
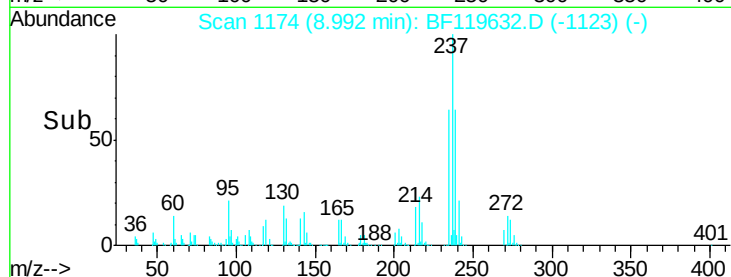
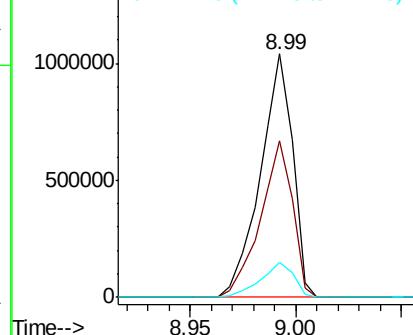
Tot Ion:237 Resp: 1106700
Ion Ratio Lower Upper
237 100
235 64.3 43.2 83.2
272 14.4 0.0 34.1

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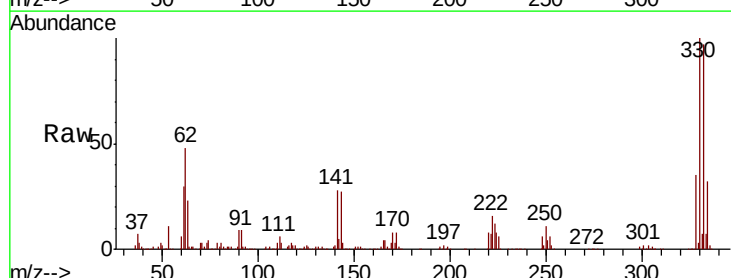


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

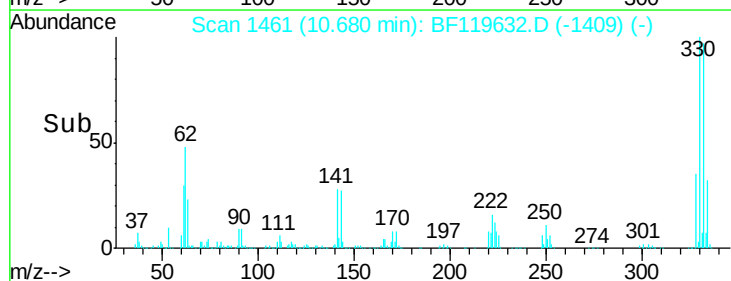
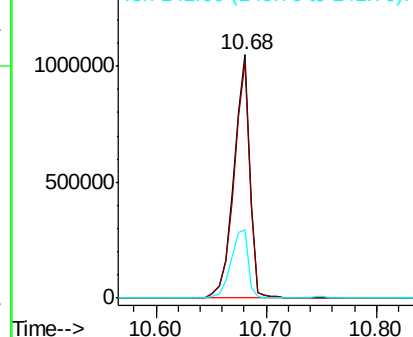


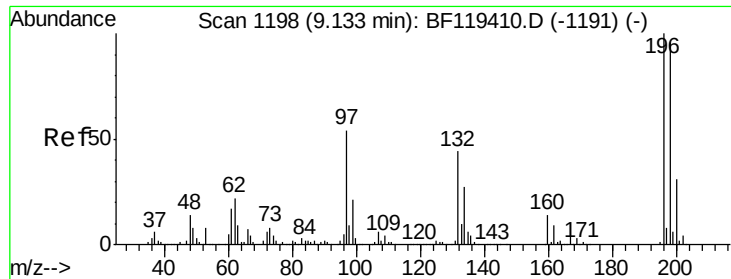
#42
2,4,6-Tribromophenol
Concen: 140.327 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion:330 Resp: 1067388
Ion Ratio Lower Upper
330 100
332 96.4 75.7 113.5
141 30.5 25.4 38.0



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





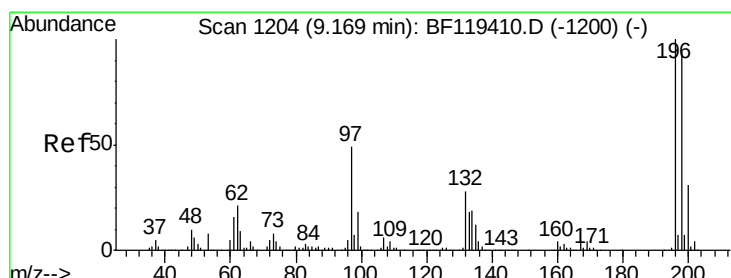
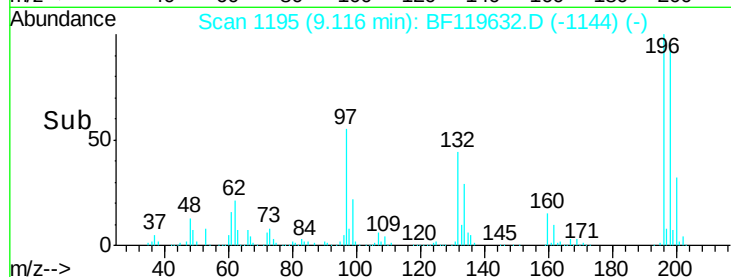
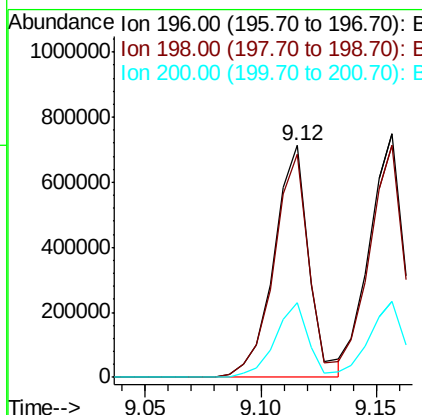
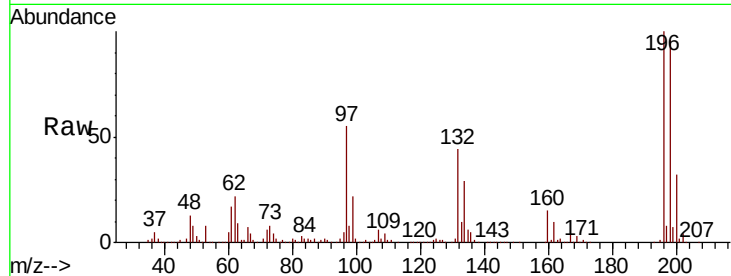
#43
 2,4,6-Trichlorophenol
 Concen: 48.294 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127886BS

Tot Ion:	196	Resp:	746871
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.6	115.0
200	32.2	24.6	36.8

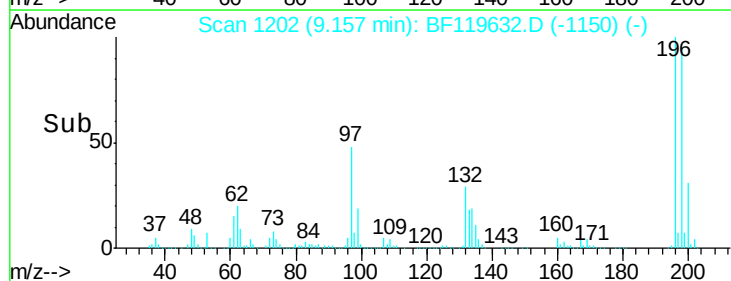
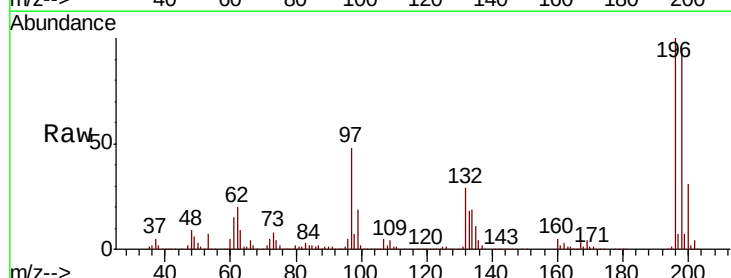
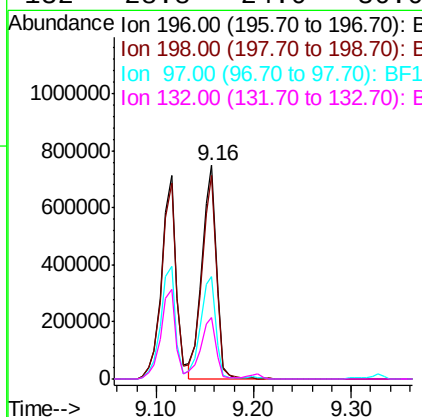
Manual Integrations
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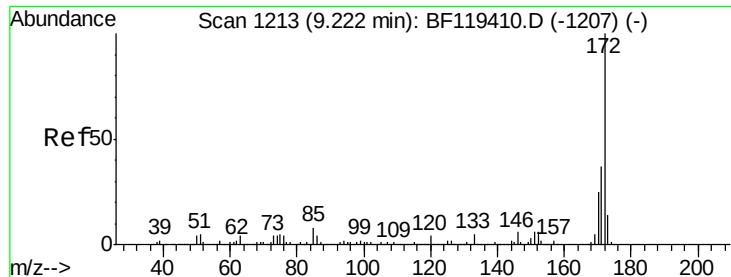
mohammad
 3/31/2020 3:16:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.557 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Tgt Ion:	196	Resp:	771926
Ion Ratio	Lower	Upper	
196	100		
198	95.1	73.8	110.8
97	48.0	42.6	63.8
132	28.8	24.0	36.0





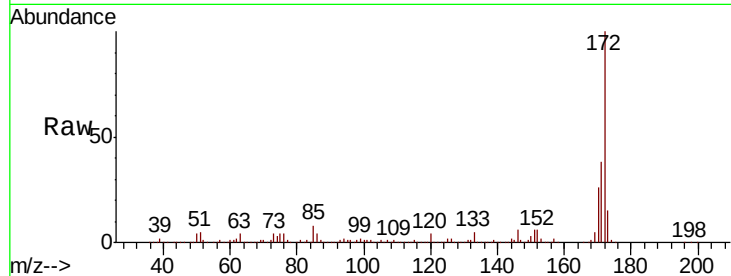
#45
2-Fluorobiphenyl
Concen: 79.875 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.6	44.4
170	25.5	20.2	30.2

Manual Integrations
APPROVED

mohammad
3/31/2020 3:16:30 PM

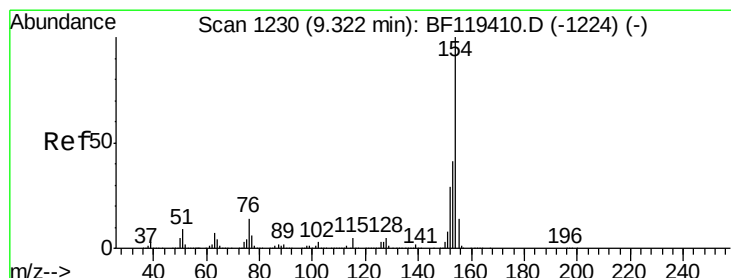
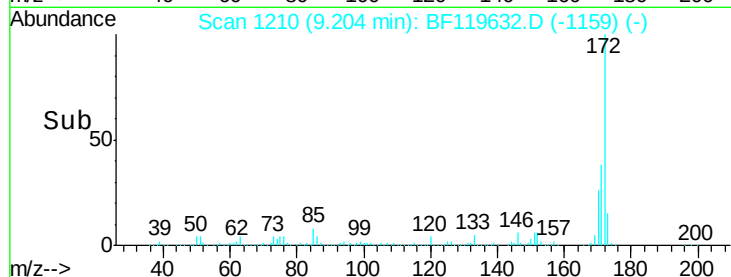
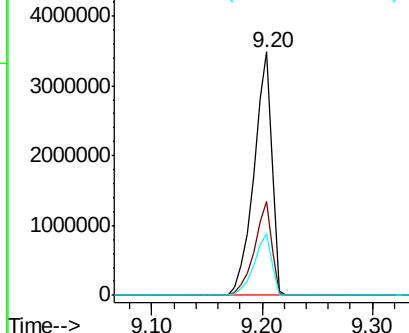


Abundance

Ion 172.00 (171.70 to 172.70): E

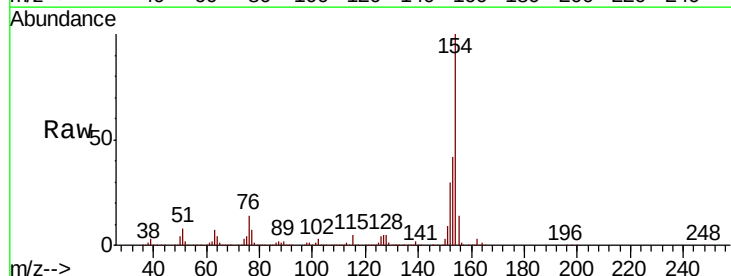
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.832 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.4	61.4
76	14.1	0.0	33.0

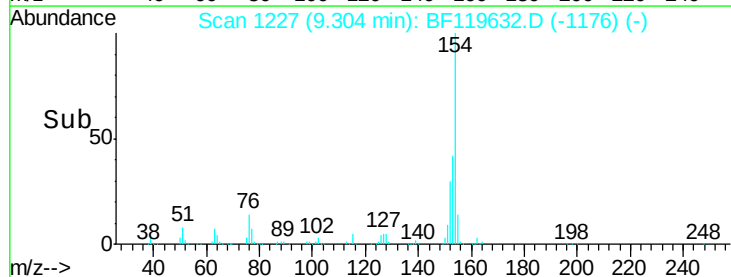
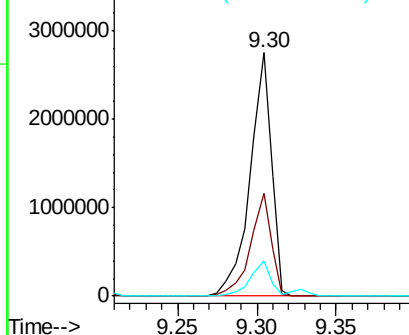


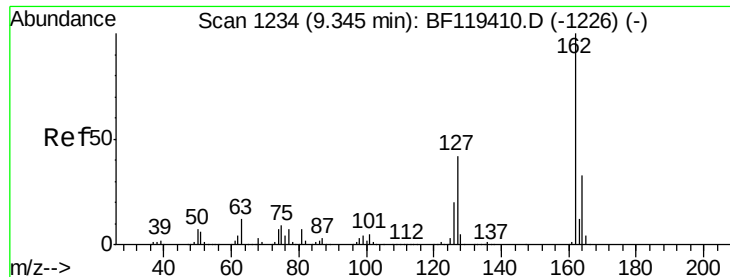
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





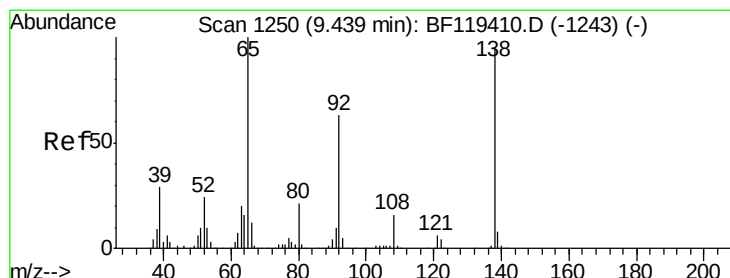
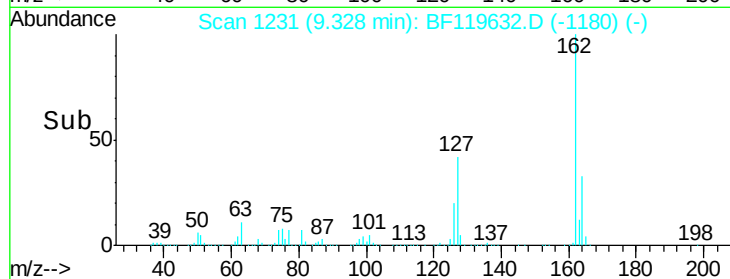
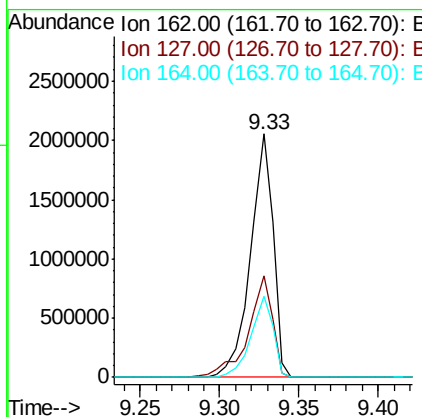
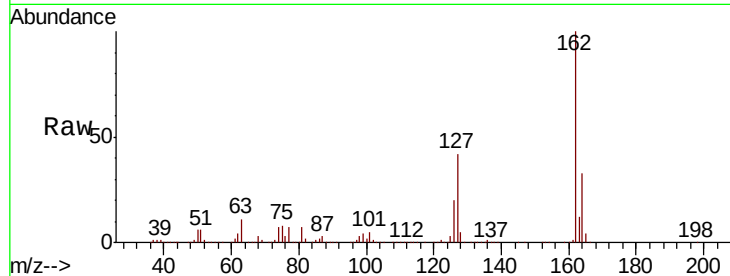
#47
 2-Chloronaphthalene
 Concen: 43.090 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampled :
 PB127886BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.7	50.5
164	33.5	26.3	39.5

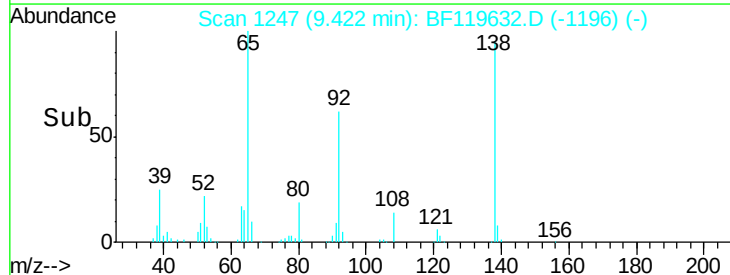
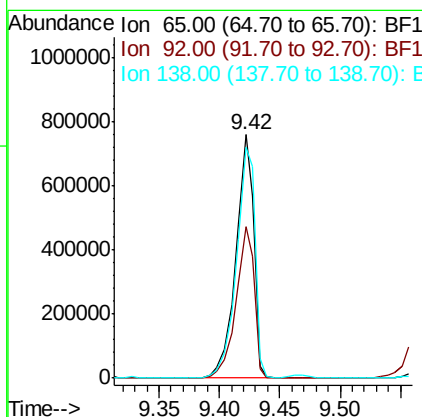
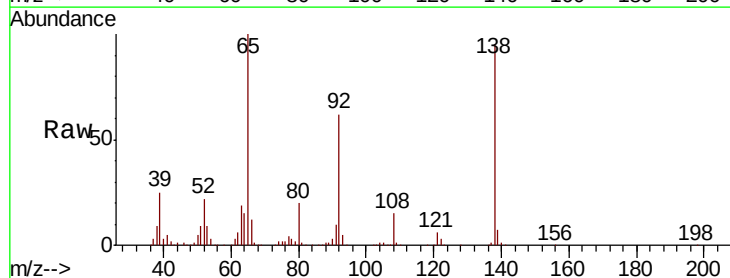
Manual Integrations
 APPROVED

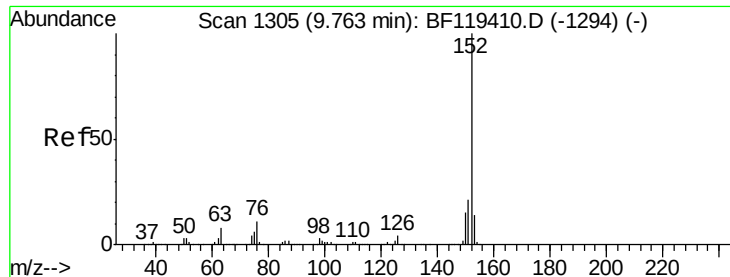
mohammad
 3/31/2020 3:16:30 PM



#48
 2-Nitroaniline
 Concen: 48.419 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.3	50.0	75.0
138	94.9	75.0	112.4





#49

Acenaphthylene

Concen: 43.274 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB127886BS

Tot Ion:152 Resp: 3196457

Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

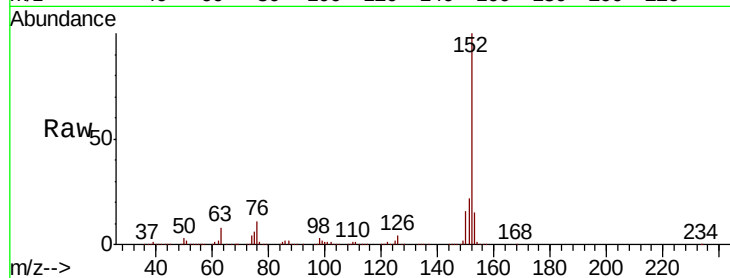
153 14.6 11.2 16.8

Manual Integrations

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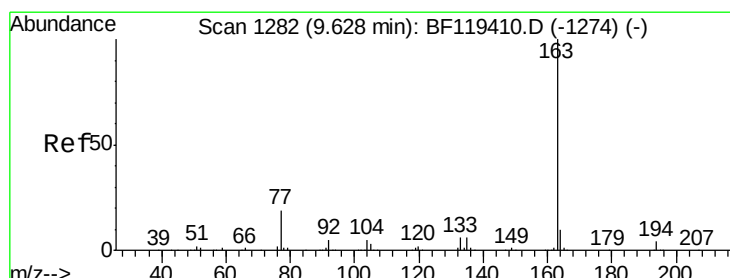
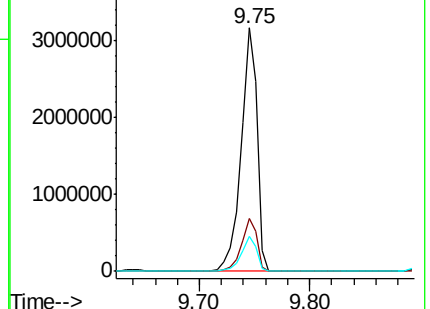
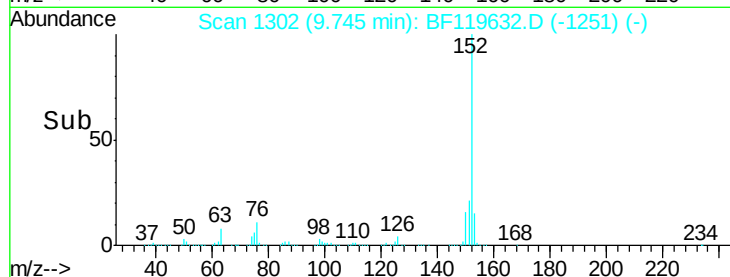
3/31/2020 3:16:30 PM



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: 47.297 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

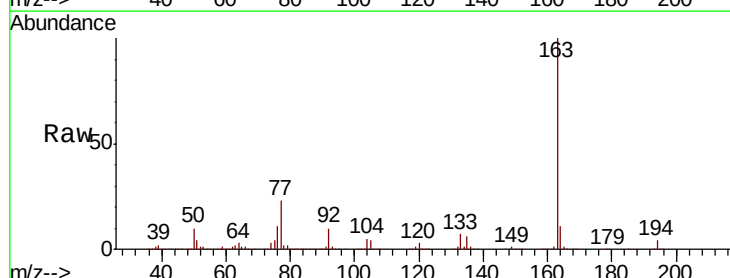
Tgt Ion:163 Resp: 2476997

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

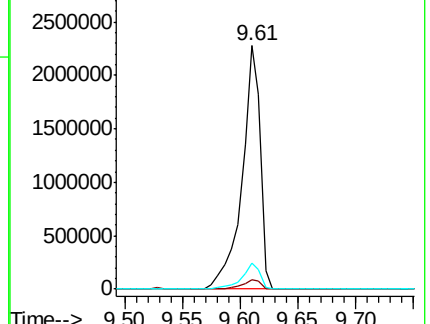
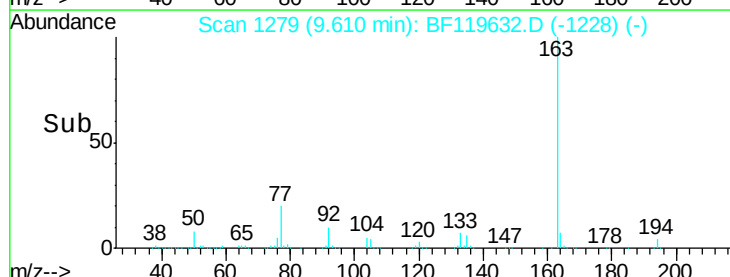
164 10.8 8.2 12.2

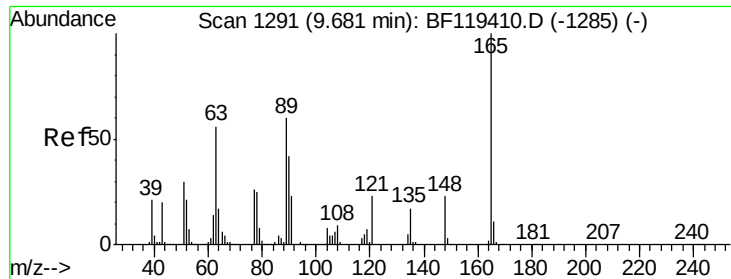


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





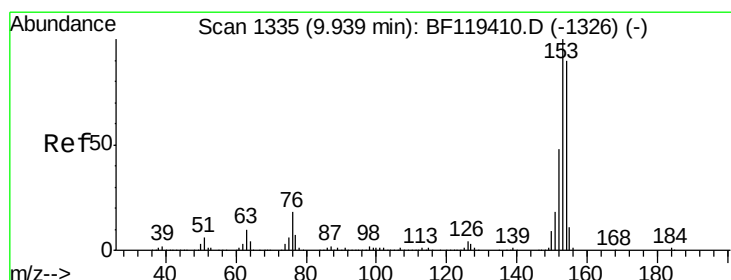
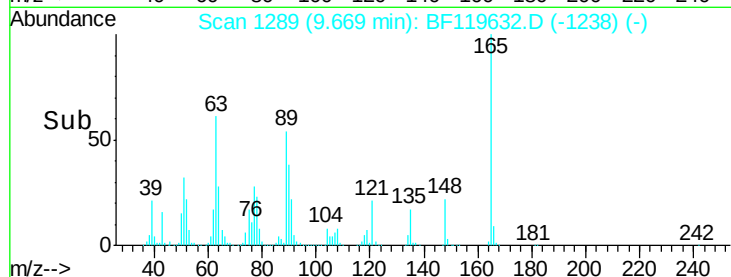
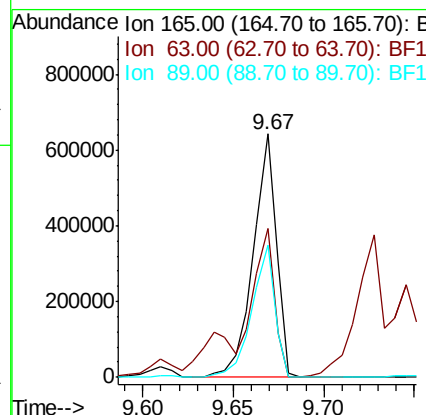
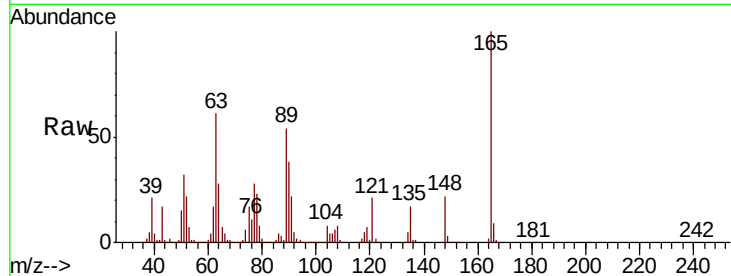
#51
2,6-Dinitrotoluene
Concen: 50.942 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	571846		
63	61.0	45.0	67.4	
89	54.1	41.5	62.3	

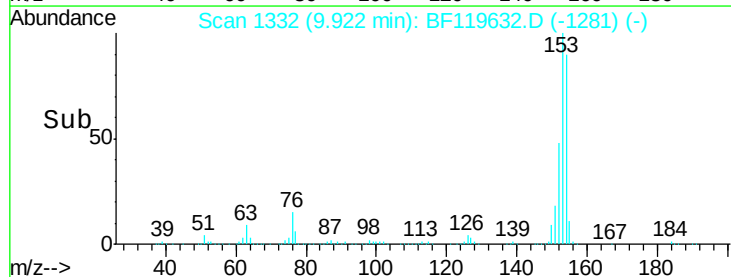
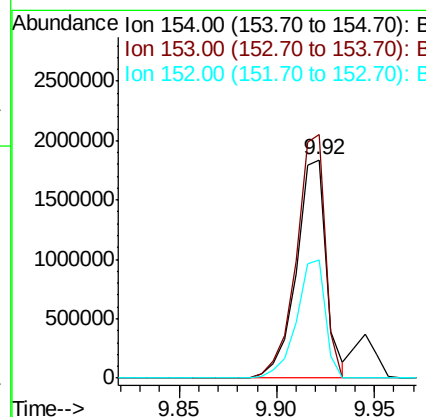
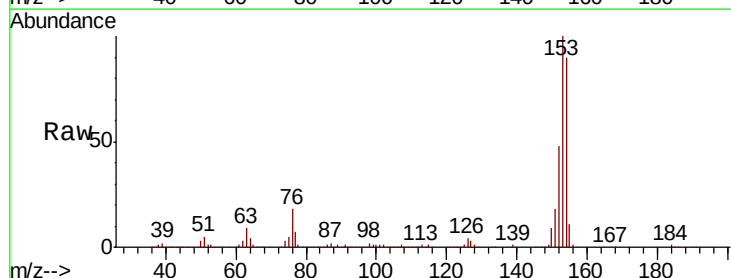
Manual Integrations
APPROVED

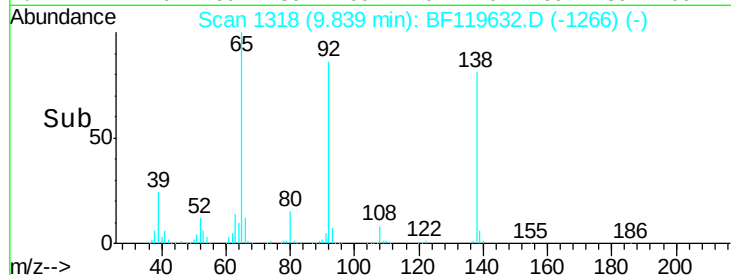
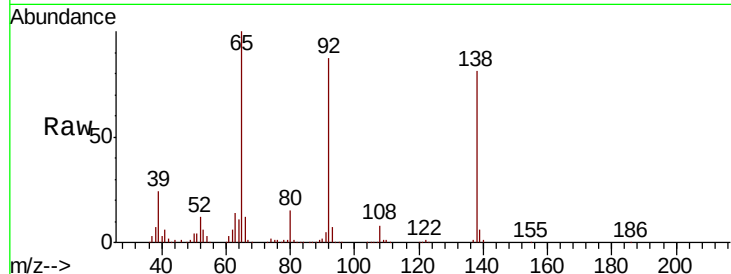
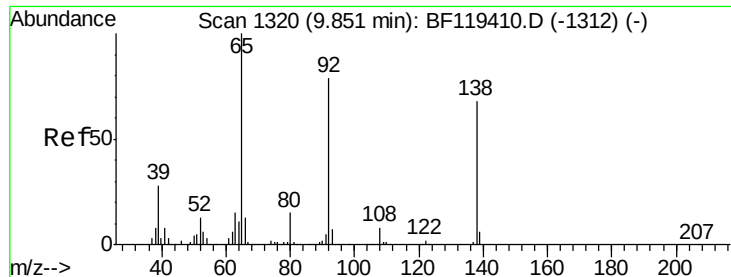
mohammad
3/31/2020 3:16:30 PM



#52
Acenaphthene
Concen: 42.426 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1953657		
153	111.5	88.1	132.1	
152	53.9	43.0	64.4	





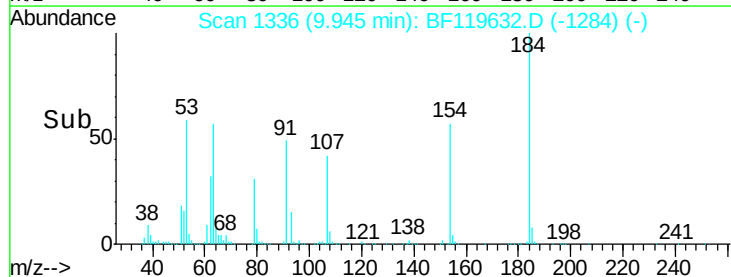
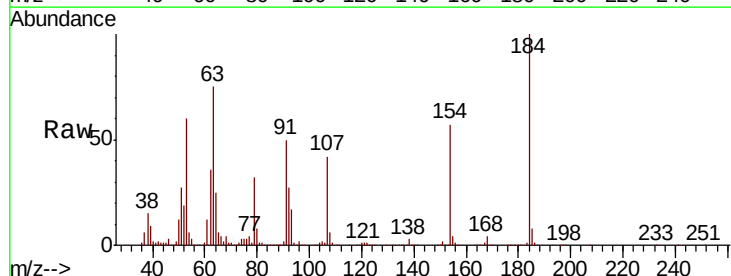
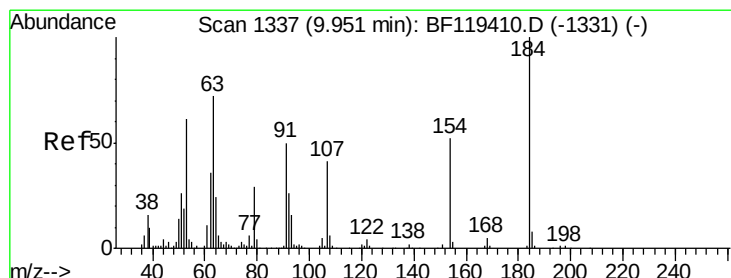
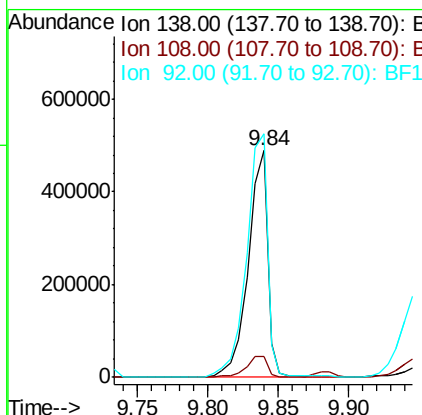
#53
3-Nitroaniline
Concen: 33.668 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.6	13.0
92	107.4	95.4	143.0

Instrument :
BNA_F
ClientSampleId :
PB127886BS

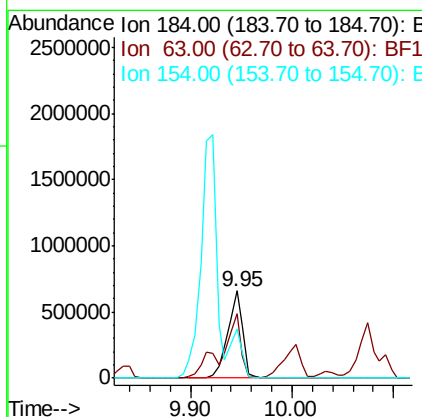
Manual Integrations
APPROVED

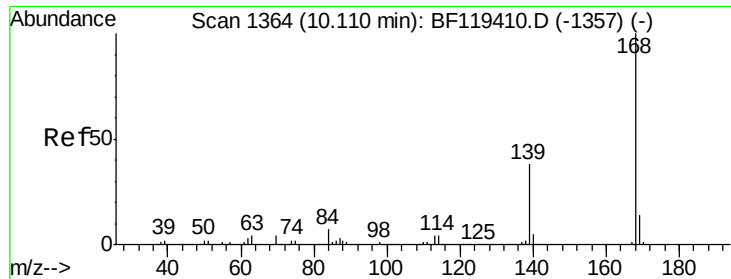
mohammad
3/31/2020 3:16:30 PM



#54
2,4-Dinitrophenol
Concen: 133.626 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.7	50.2	75.4
154	56.7	44.5	66.7





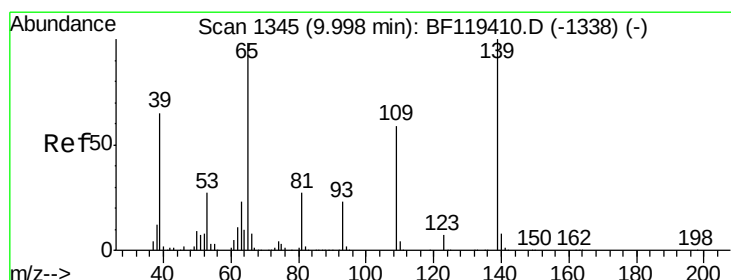
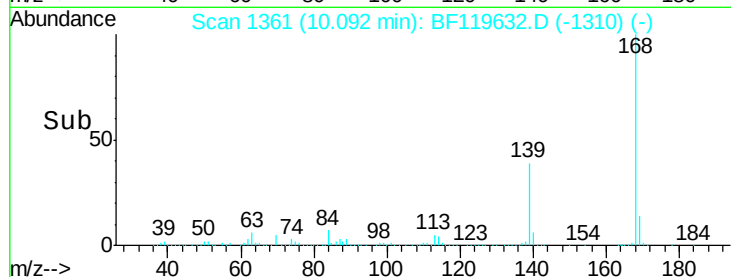
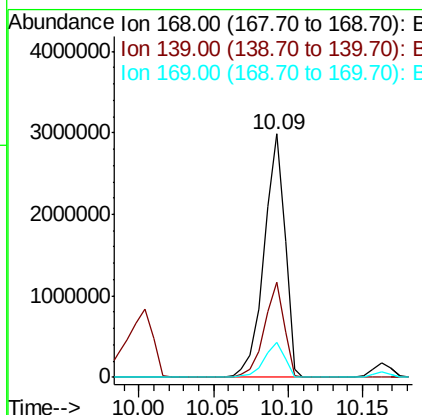
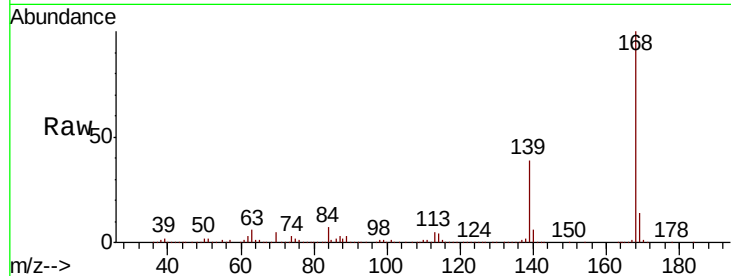
#55
Dibenzofuran
Concen: 43.412 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	14.5	11.0	16.6

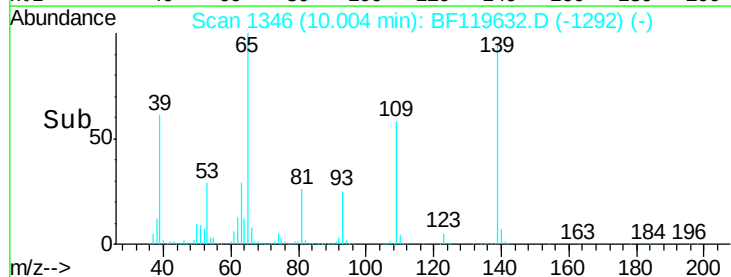
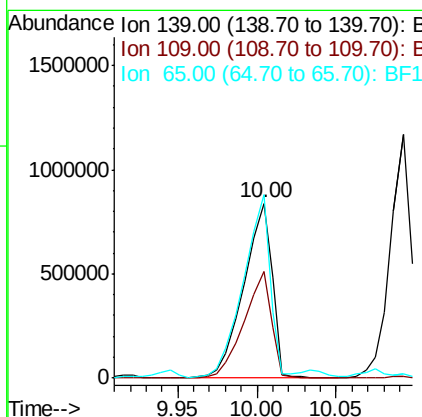
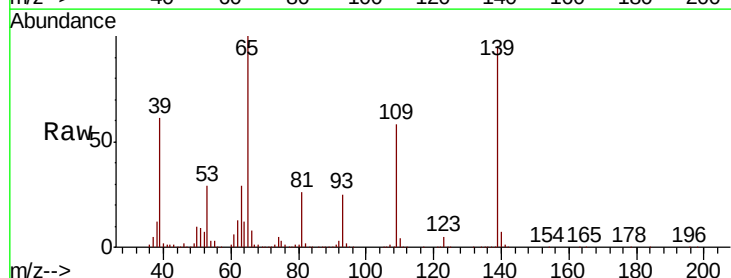
Manual Integrations
APPROVED

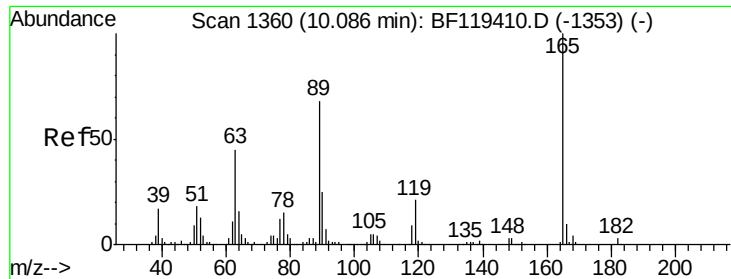
mohammad
3/31/2020 3:16:30 PM



#56
4-Nitrophenol
Concen: 93.463 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.1	43.3	83.3
65	105.4	91.0	131.0





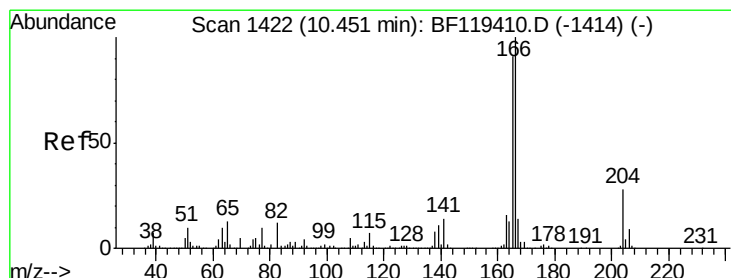
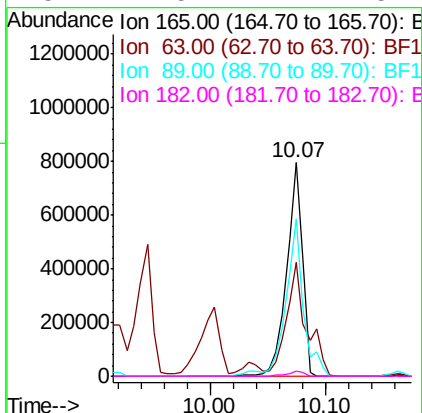
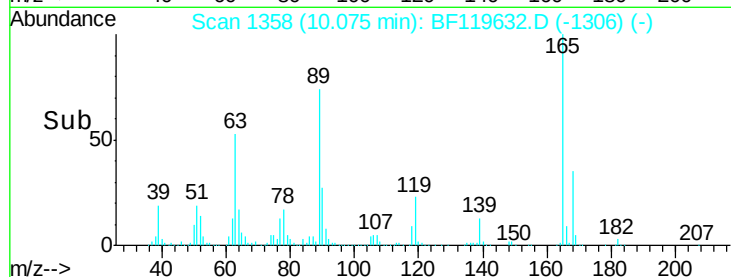
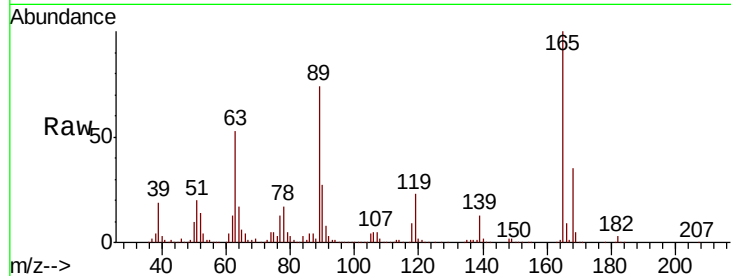
#57
2,4-Dinitrotoluene
Concen: 53.629 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	758358		
63	53.2	42.6	64.0	
89	73.9	61.0	91.4	
182	2.5	2.2	3.2	

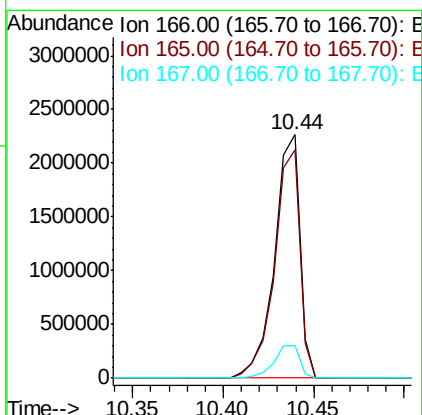
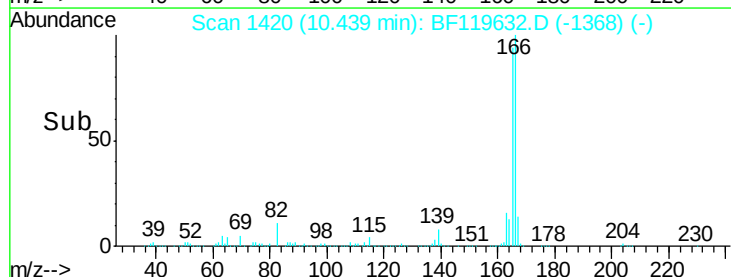
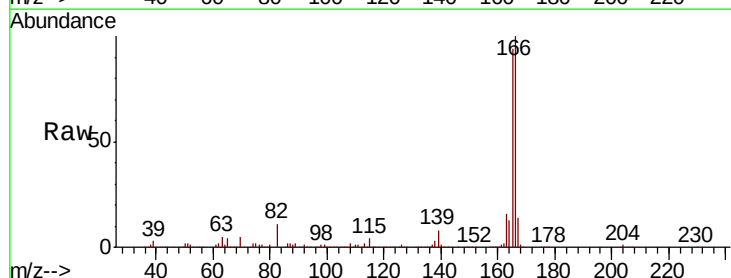
Manual Integrations
APPROVED

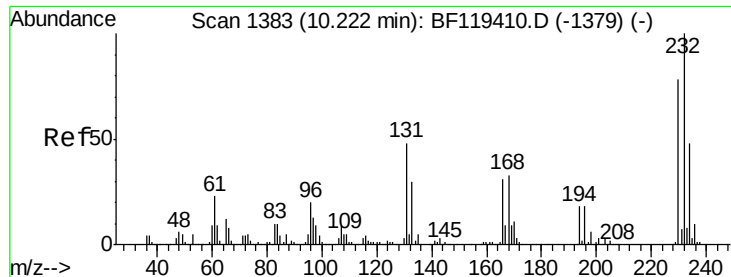
mohammad
3/31/2020 3:16:30 PM



#58
Fluorene
Concen: 45.008 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2197401		
165	93.6	75.4	113.2	
167	13.6	11.2	16.8	





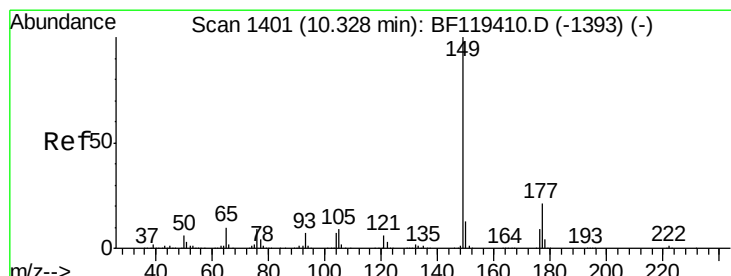
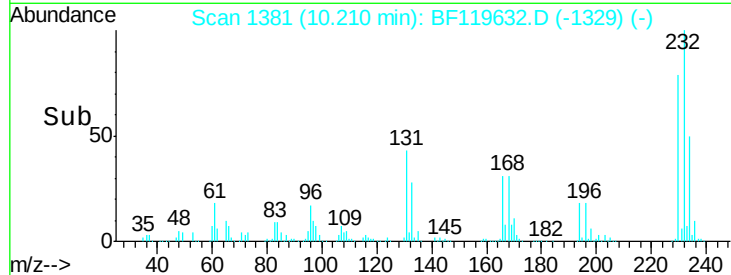
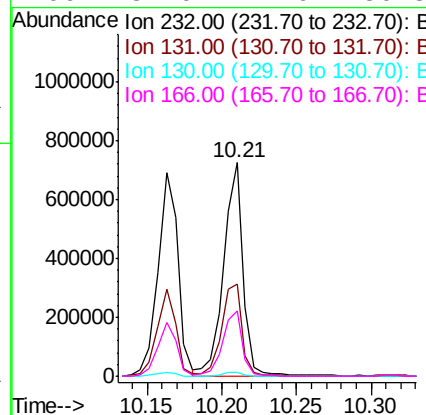
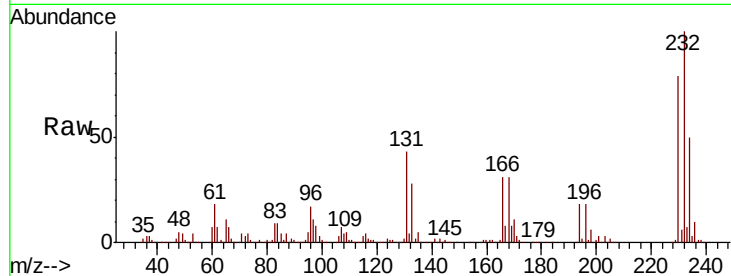
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.135 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampled :
 PB127886BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	37.5	56.3
130	2.1	1.8	2.6
166	31.0	24.6	36.8

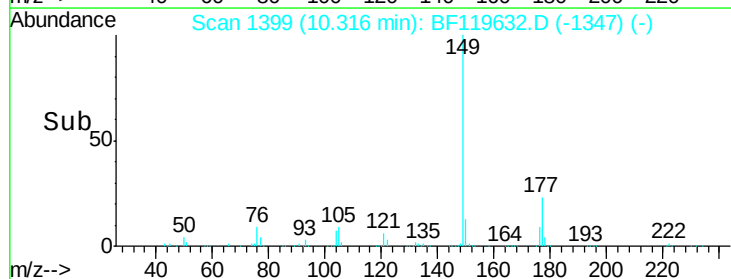
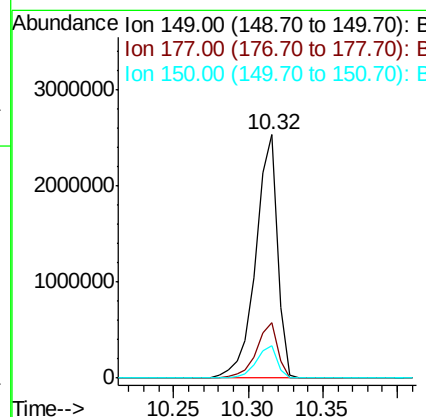
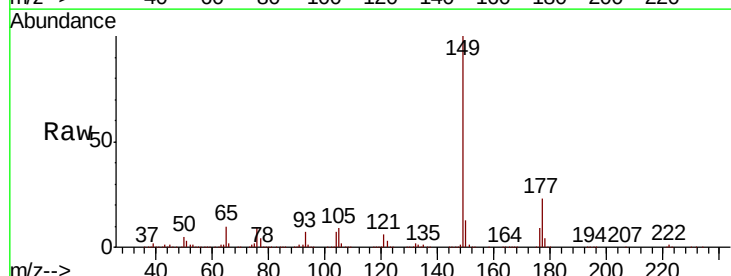
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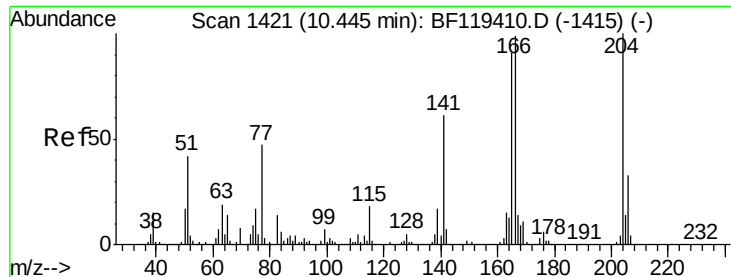
mohammad
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#60
 Diethylphthalate
 Concen: 47.557 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.0	25.6
150	13.1	10.1	15.1





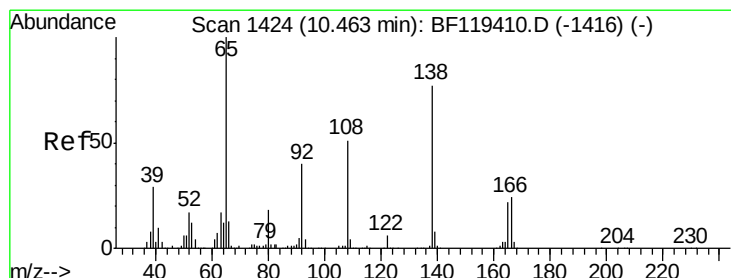
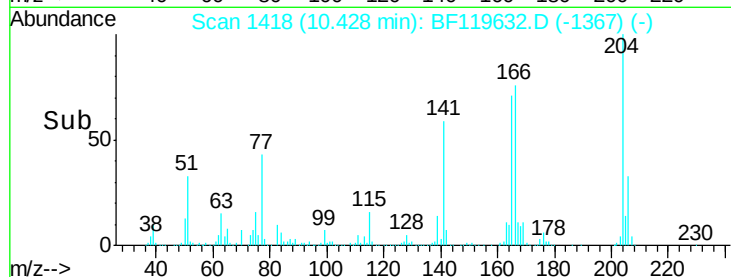
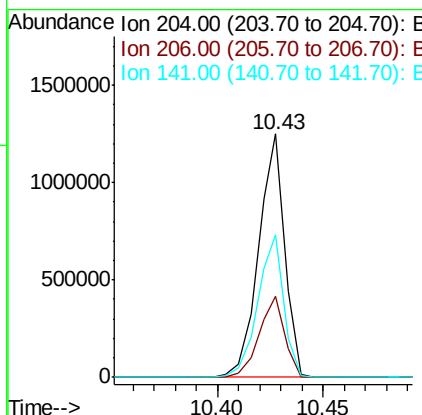
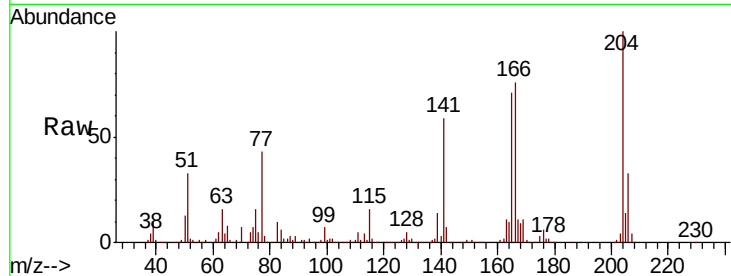
#61
 4-Chlorophenyl-phenylether
 Concen: 44.902 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127886BS

Tot Ion:	204	Resp:	1072037
Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.7	40.1
141	58.6	47.3	70.9

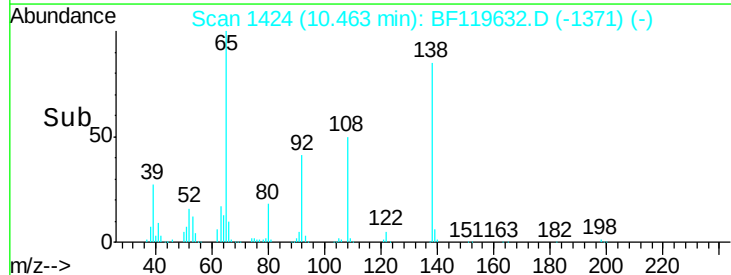
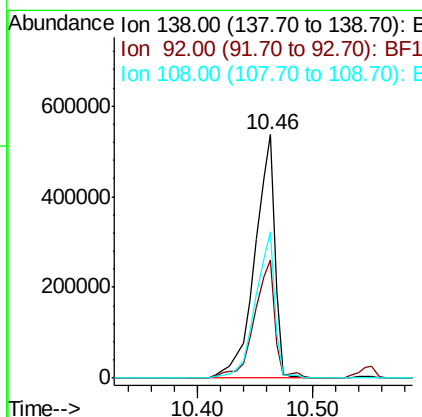
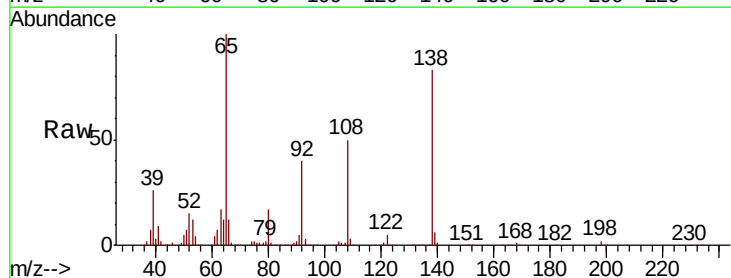
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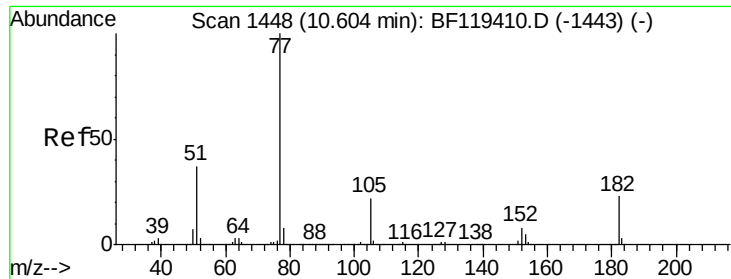
mohammad
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#62
 4-Nitroaniline
 Concen: 48.048 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Tgt Ion:	138	Resp:	652960
Ion	Ratio	Lower	Upper
138	100		
92	48.5	31.5	71.5
108	60.2	45.8	85.8





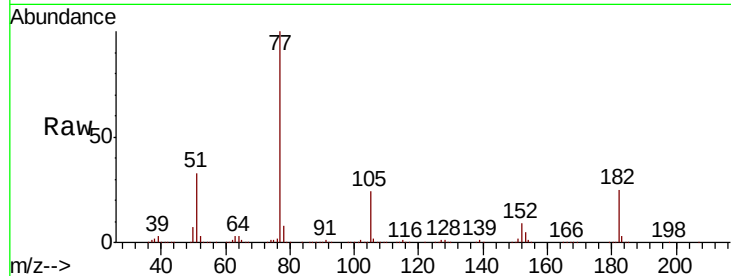
#63
Azobenzene
Concen: 45.789 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

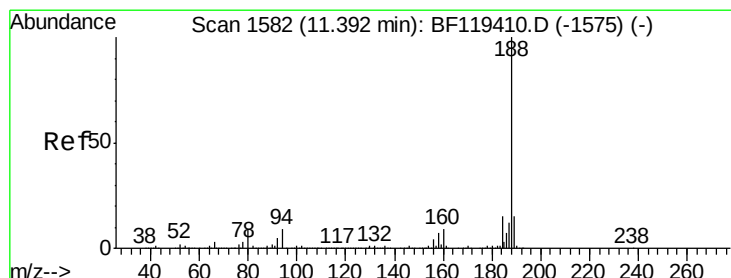
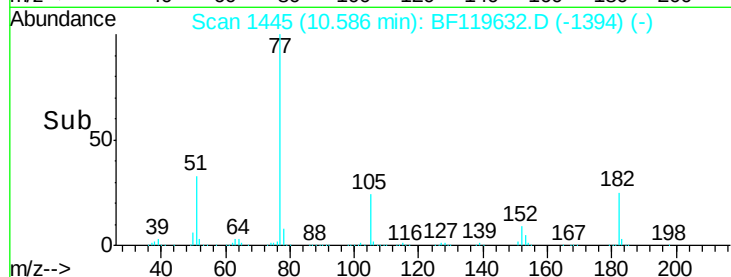
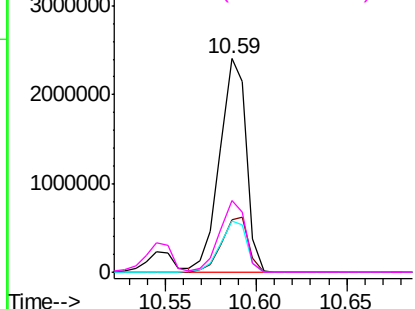
Tot Ion: 77 Resp: 2450918
Ion Ratio Lower Upper
77 100
182 24.5 4.4 44.4
105 24.0 2.6 42.6
51 33.4 15.1 55.1

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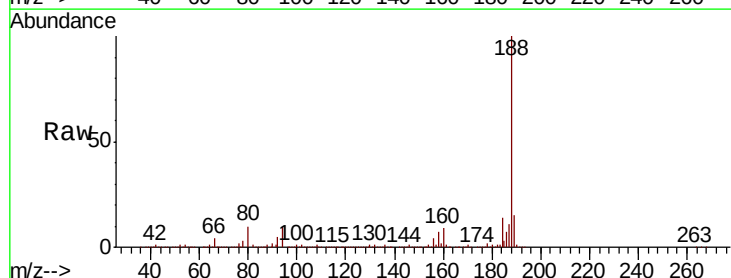


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

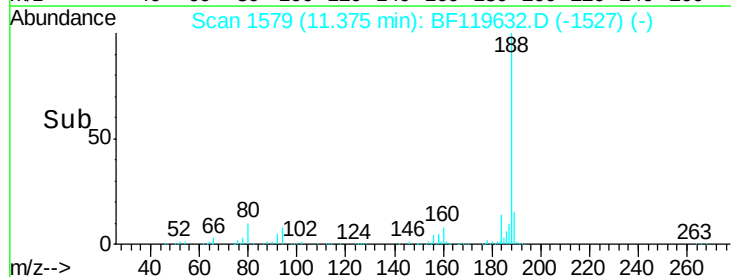
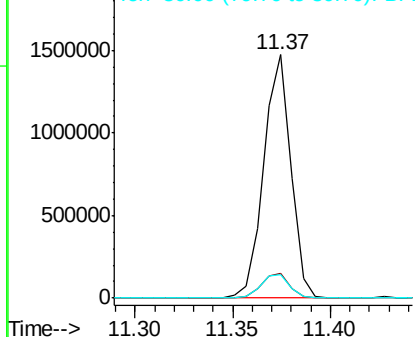


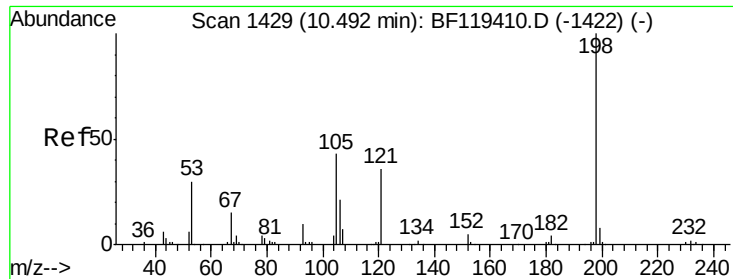
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion: 188 Resp: 1416574
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 9.9 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 73.339 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Instrument :

BNA_F

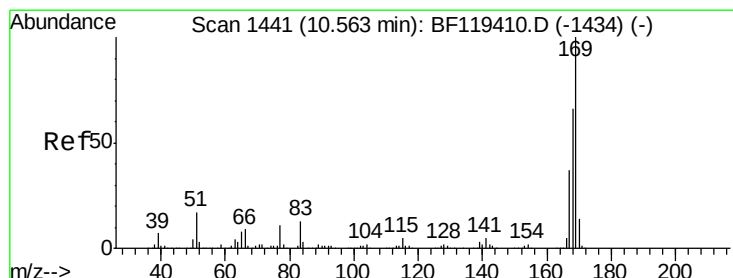
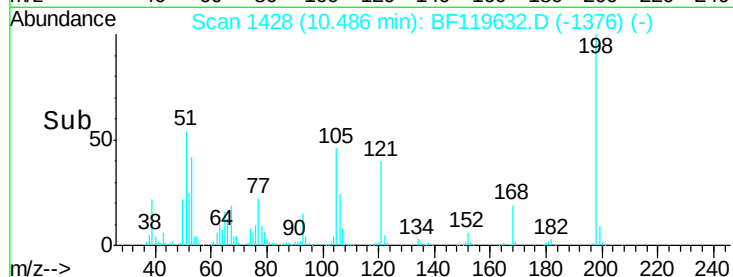
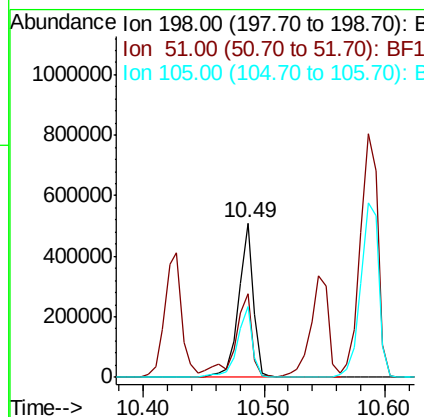
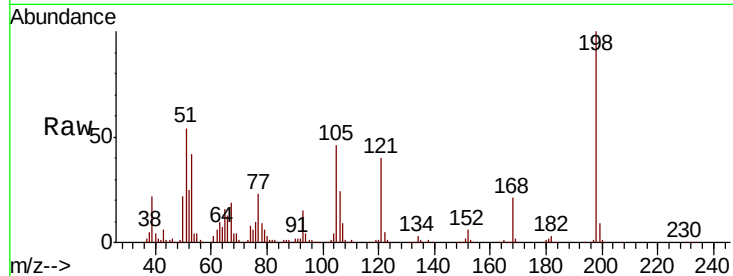
ClientSampled :

PB127886BS

Tot Ion:	198	Resp:	435640
Ion Ratio	Lower	Upper	
198	100		
51	54.1	29.0	69.0
105	46.0	22.2	62.2

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#66

n-Nitrosodiphenylamine

Concen: 45.461 ng

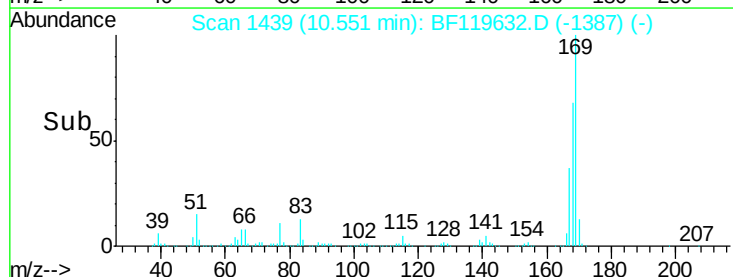
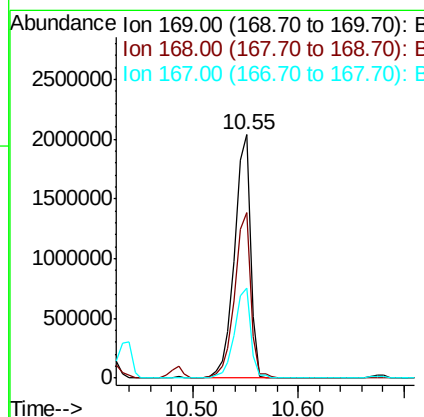
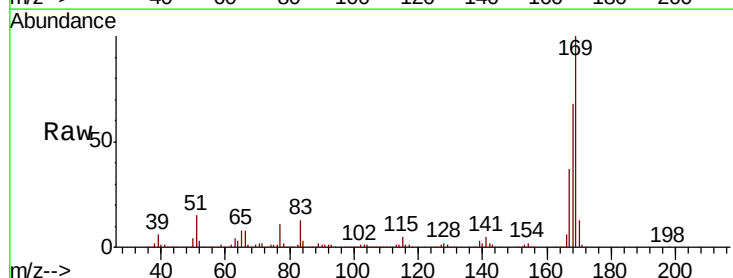
RT: 10.55 min Scan# 1439

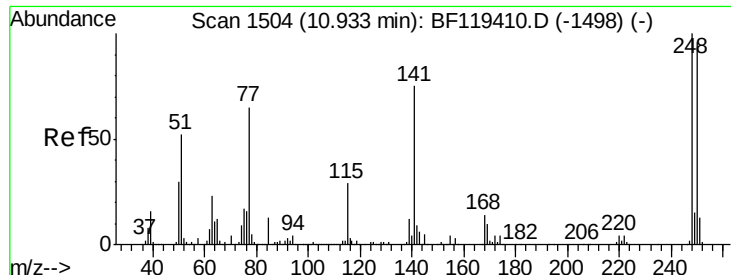
Delta R.T. 0.01 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Tgt Ion:	169	Resp:	2114111
Ion Ratio	Lower	Upper	
169	100		
168	67.9	53.2	79.8
167	37.2	29.1	43.7





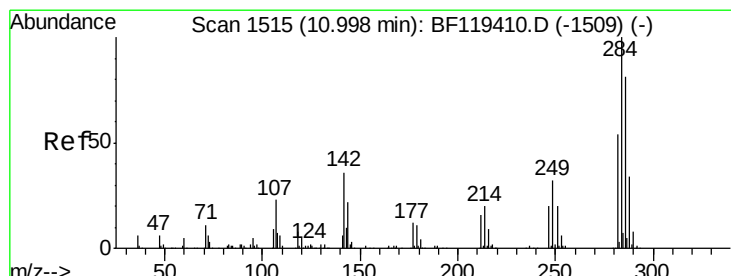
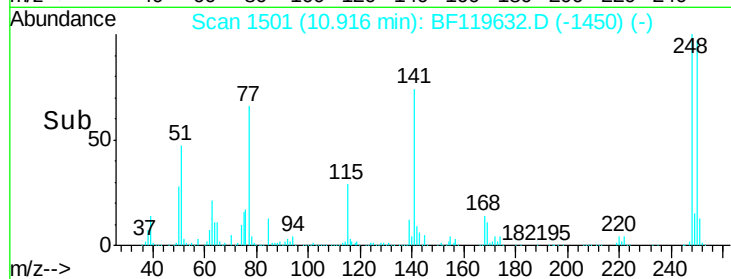
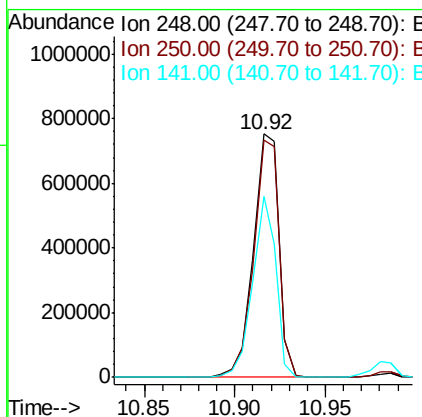
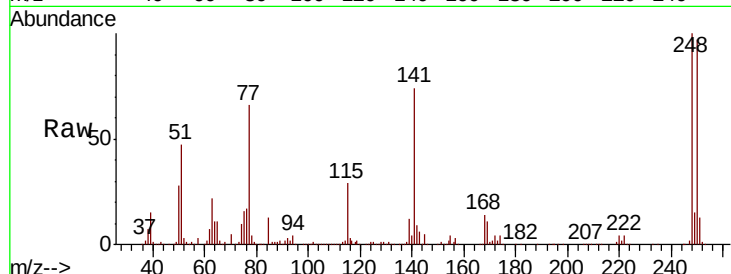
#67
 4-Bromophenyl-phenylether
 Concen: 45.666 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127886BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.3	115.9
141	74.3	58.6	87.8

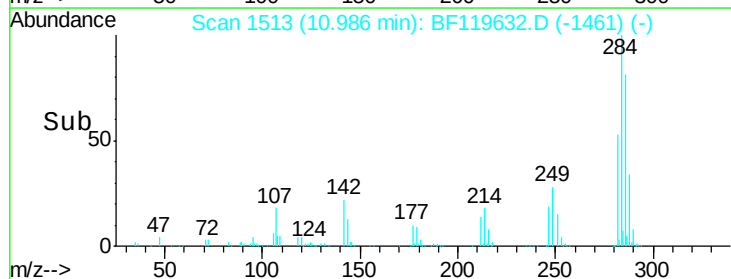
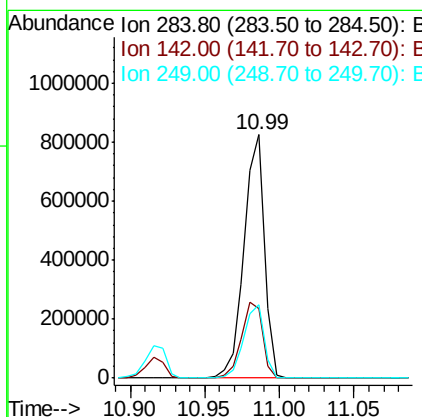
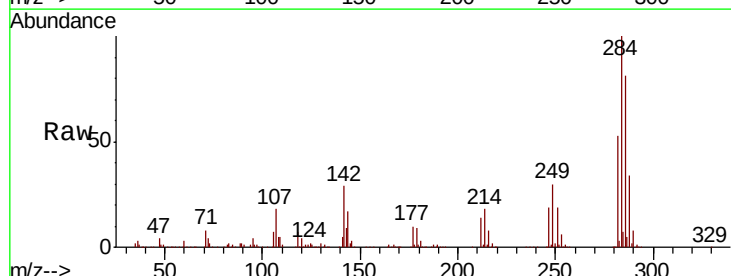
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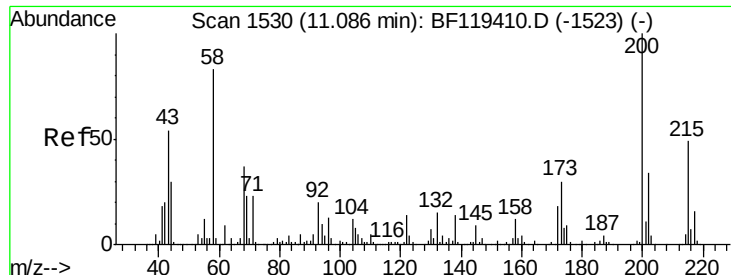
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#68
 Hexachlorobenzene
 Concen: 47.324 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	29.2	43.8#
249	30.0	25.1	37.7





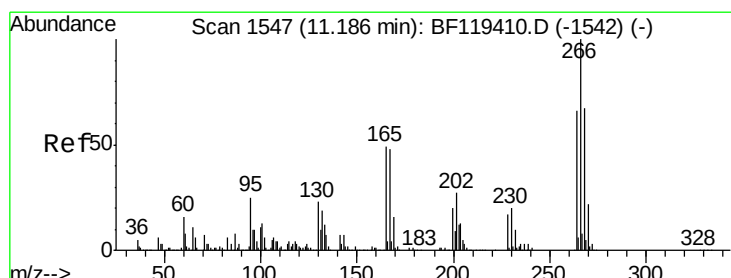
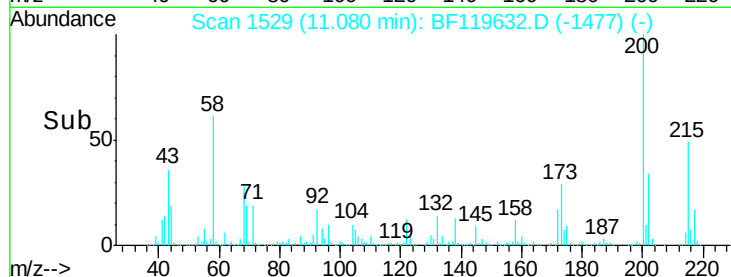
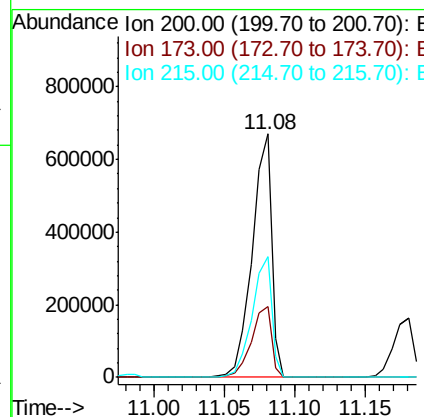
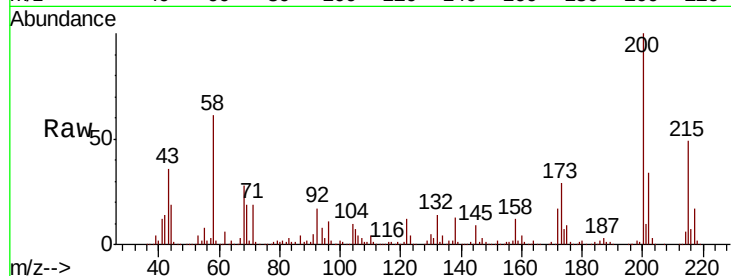
#69
Atrazine
Concen: 50.984 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.0	9.3	49.3
215	49.3	29.5	69.5

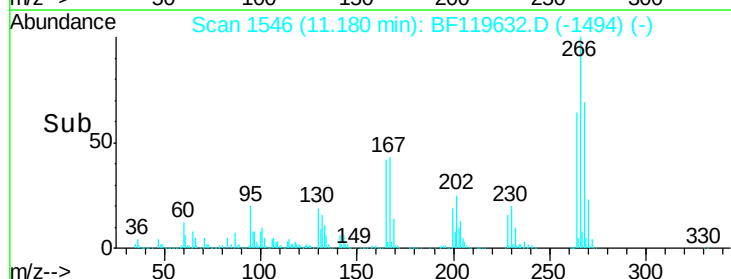
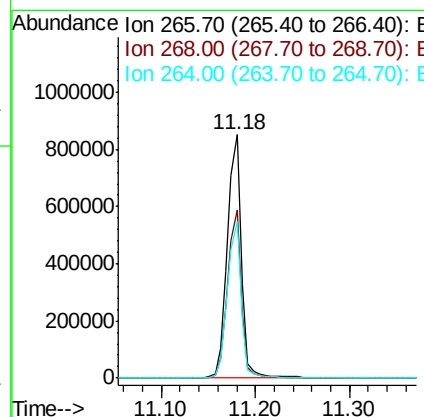
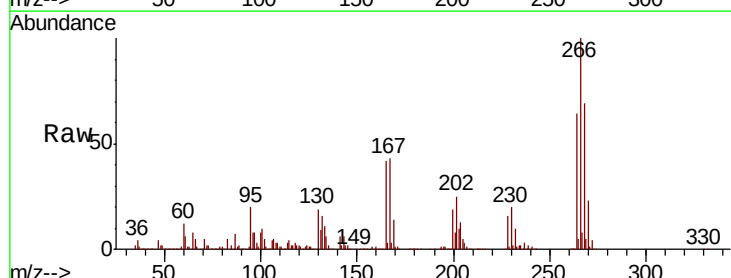
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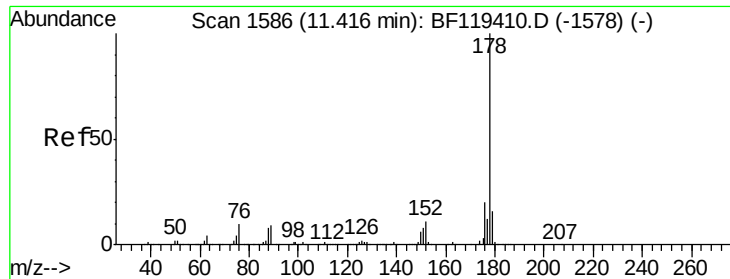
mohammad
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#70
Pentachlorophenol
Concen: 92.524 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	69.0	53.3	79.9
264	64.1	49.0	73.4





#71

Phenanthrene

Concen: 43.550 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB127886BS

Tot Ion:178 Resp: 3198894

Ion Ratio Lower Upper

178 100

176 21.0 16.2 24.4

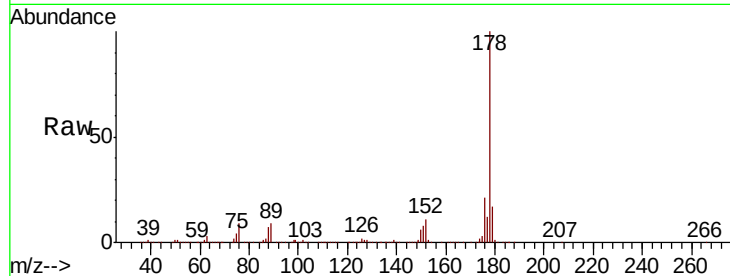
179 16.7 13.2 19.8

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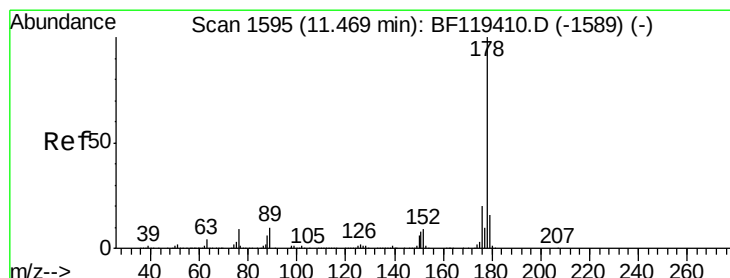
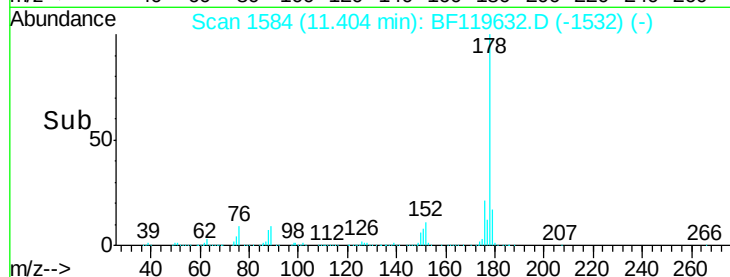
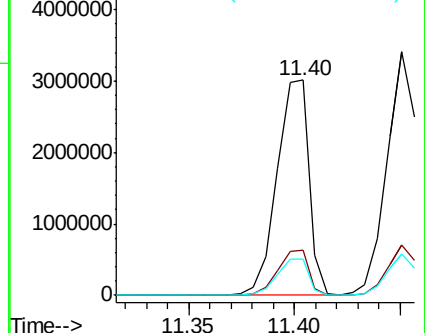
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.286 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Tgt Ion:178 Resp: 3306136

Ion Ratio Lower Upper

178 100

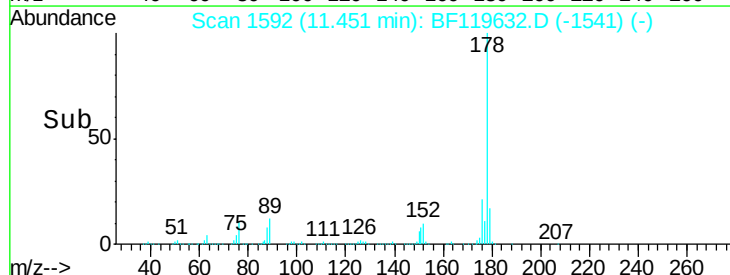
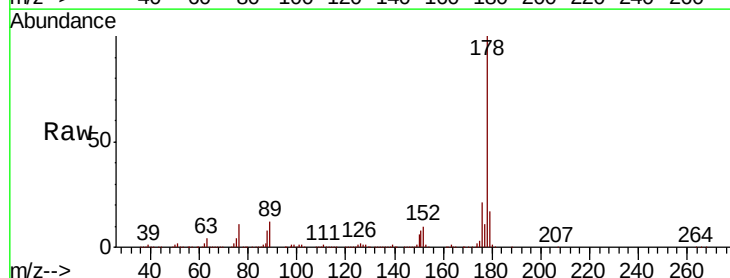
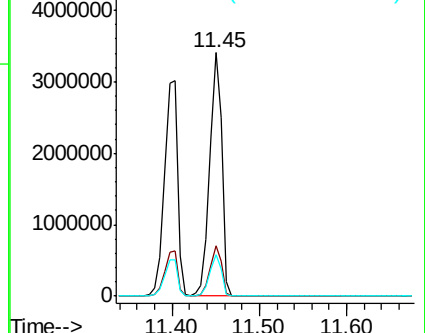
176 20.5 16.1 24.1

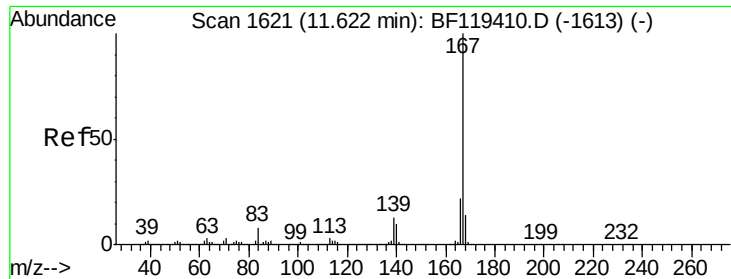
179 17.0 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





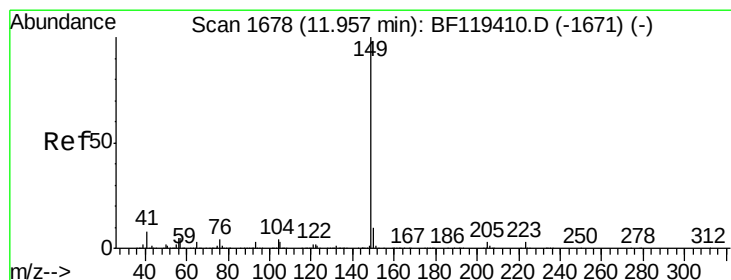
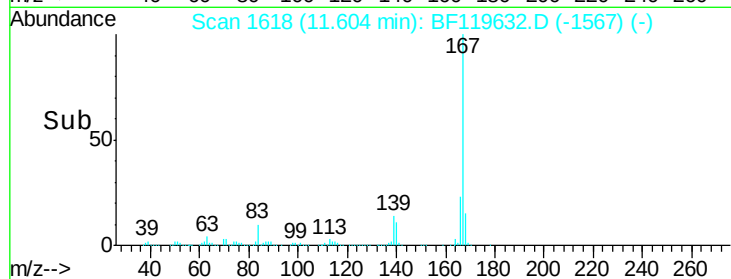
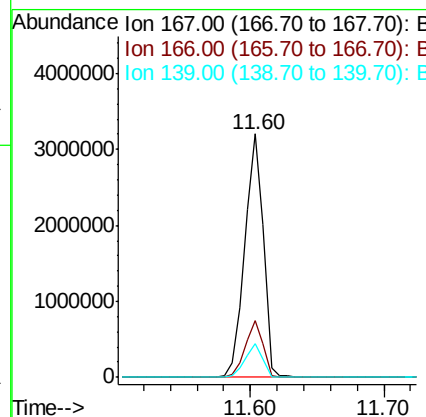
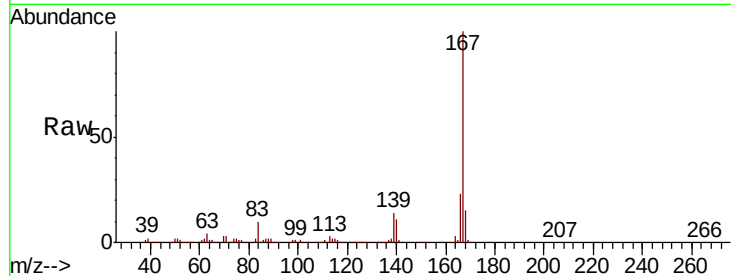
#73
 Carbazole
 Concen: 41.953 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127886BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	13.9	10.7	16.1

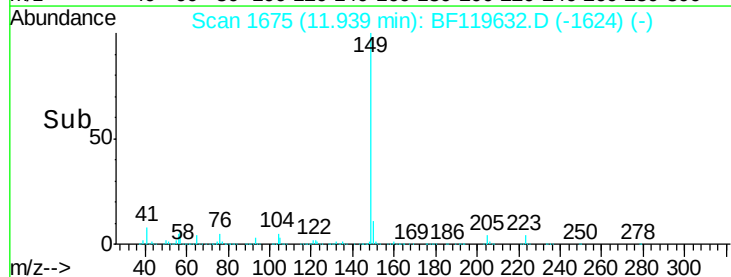
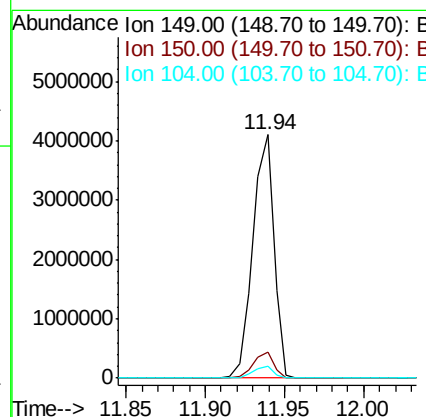
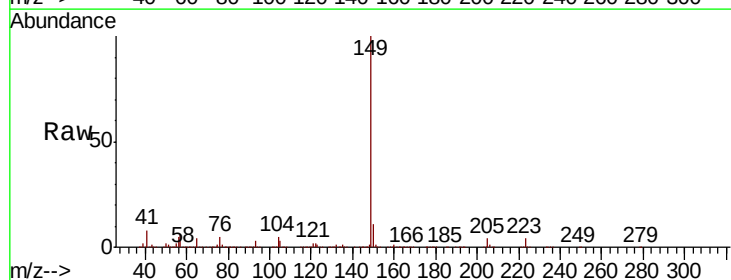
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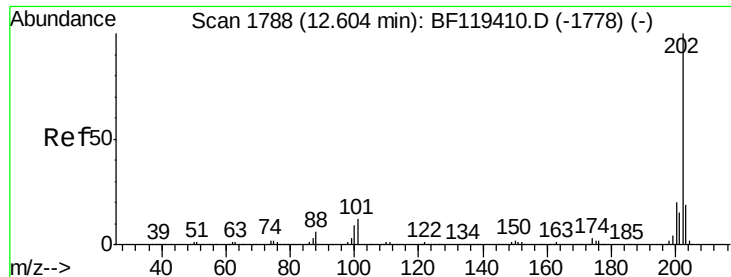
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.048 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.8	11.8
104	5.1	3.6	5.4





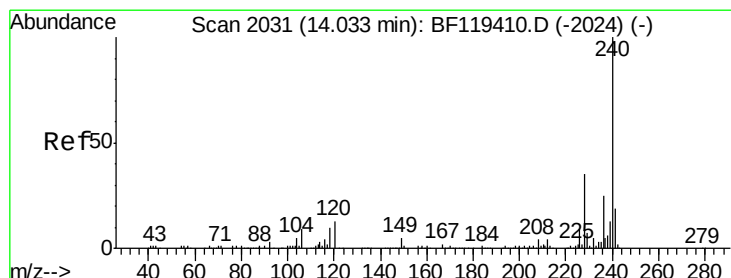
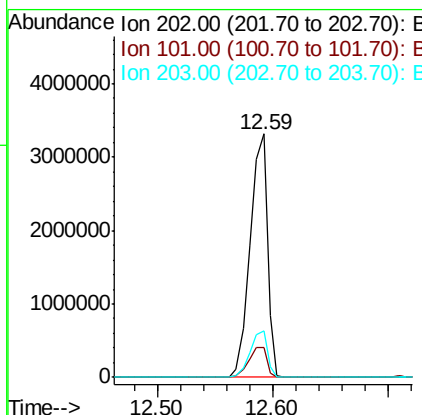
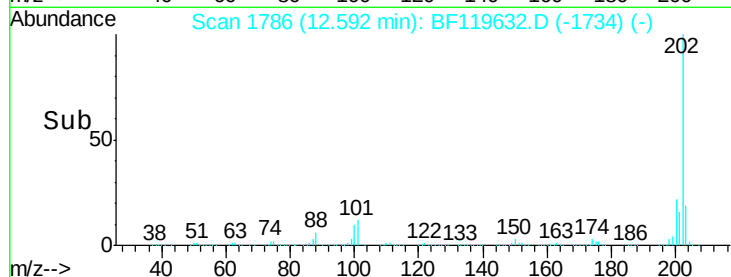
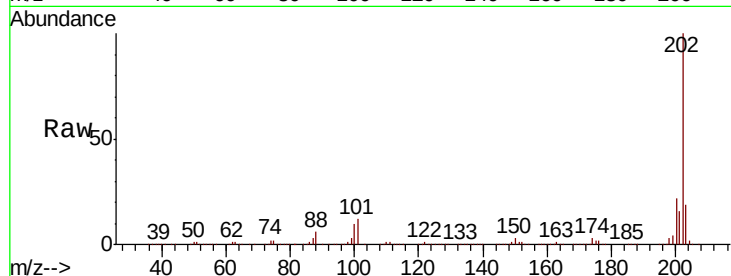
#75
Fluoranthene
Concen: 43.526 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.2
203	19.1	0.0	38.8

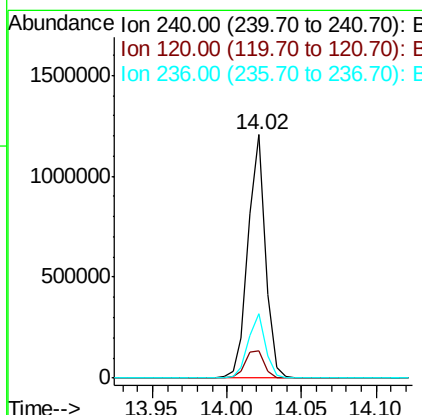
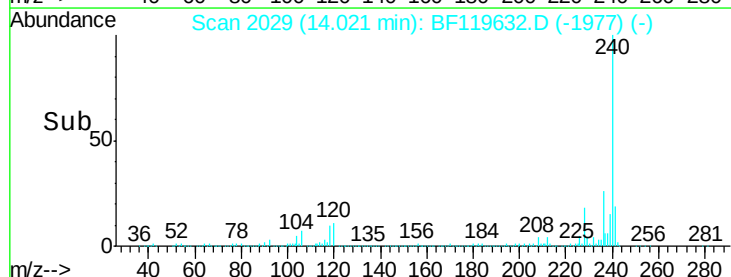
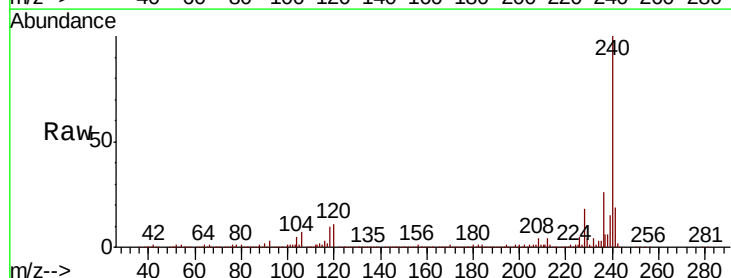
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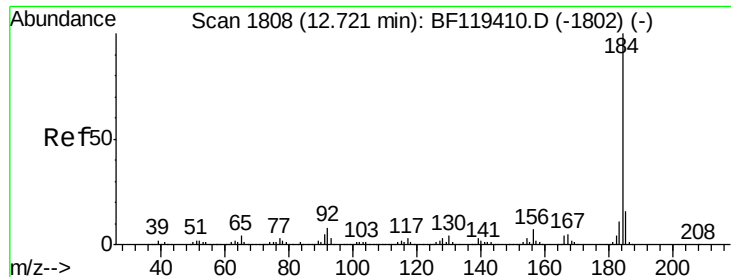
mohammad
3/31/2020 3:16:30 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.6	15.8
236	26.4	20.2	30.2





#77

Benzidine

Concen: 57.124 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB127886BS

Tot Ion:184 Resp: 2339655

Ion Ratio Lower Upper

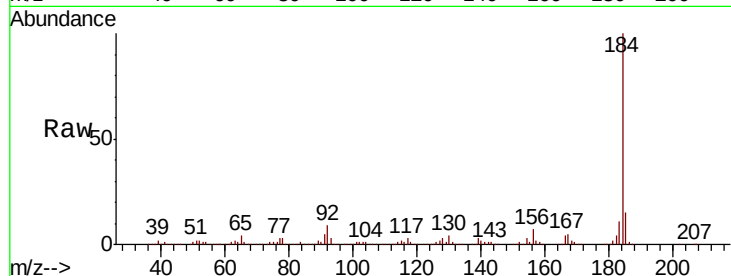
184 100

185 15.2 12.3 18.5

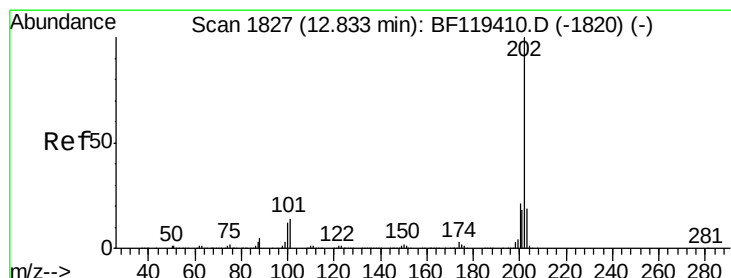
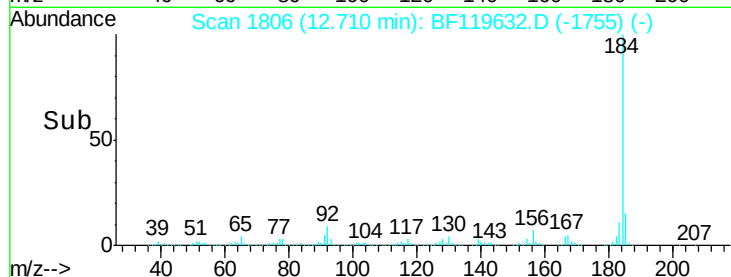
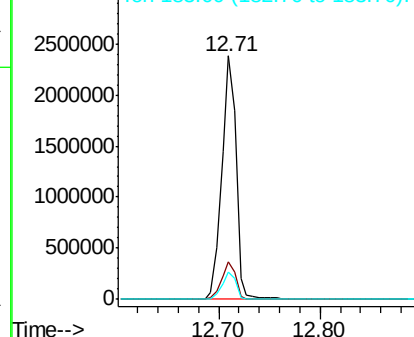
183 11.3 9.0 13.6

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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: 43.715 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

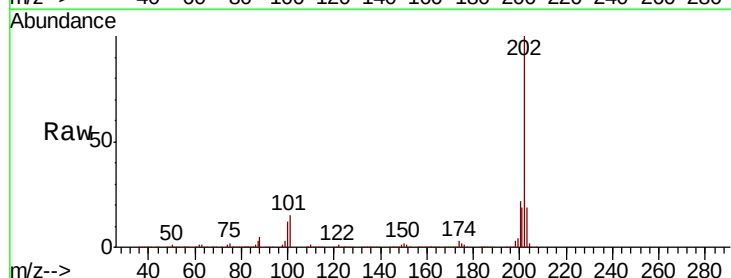
Tgt Ion:202 Resp: 3472057

Ion Ratio Lower Upper

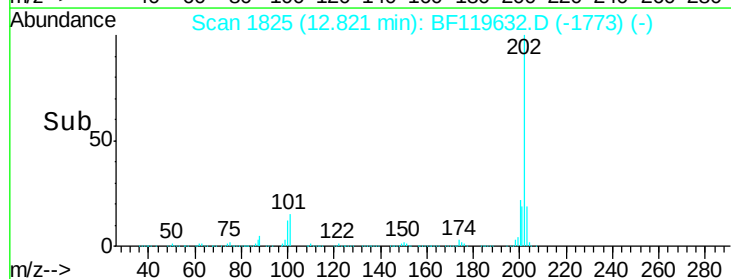
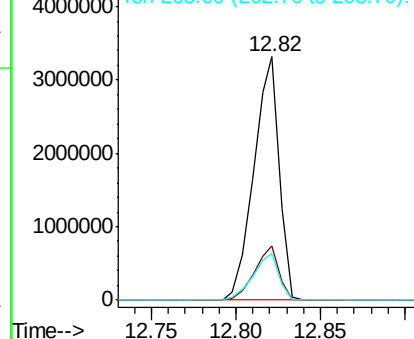
202 100

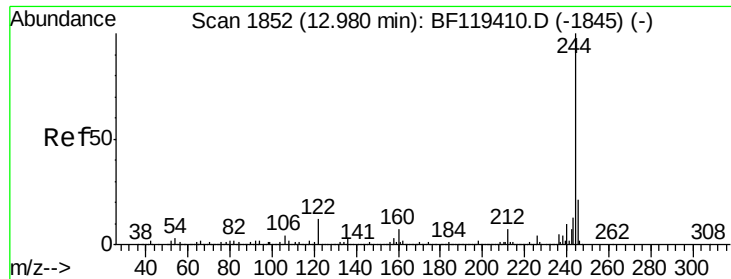
200 22.1 16.8 25.2

203 19.3 15.1 22.7



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





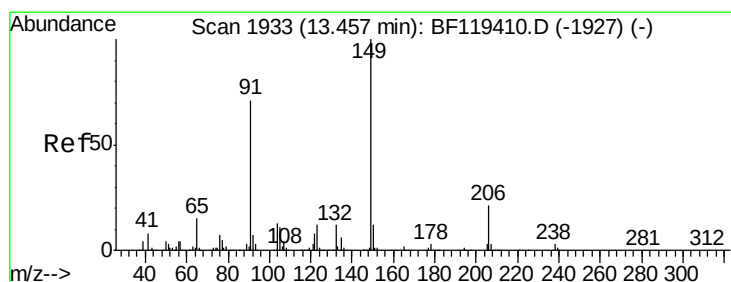
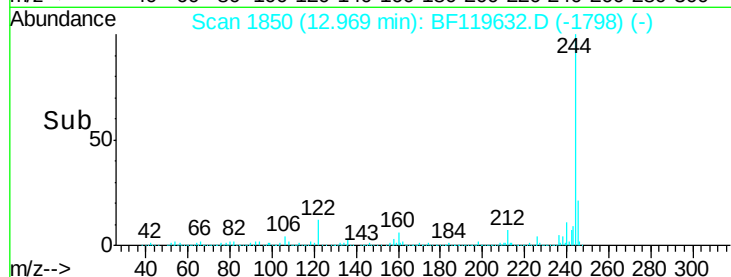
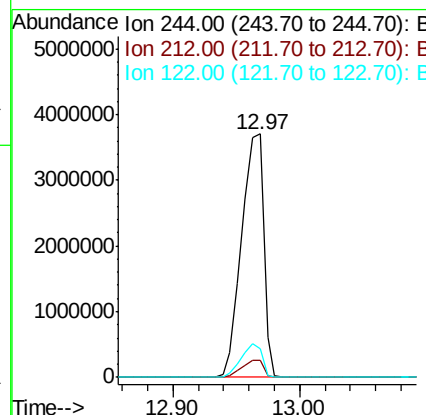
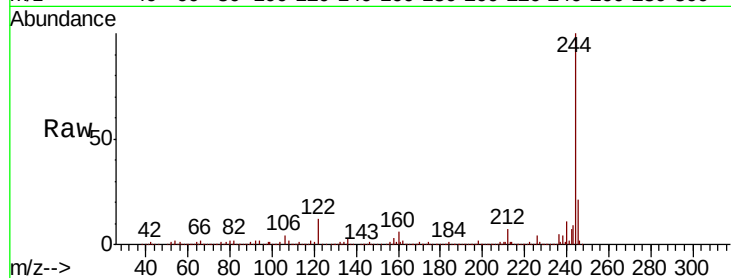
#79
 Terphenyl-d14
 Concen: 90.181 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.01 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleID :
 PB127886BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.6	10.3	15.5

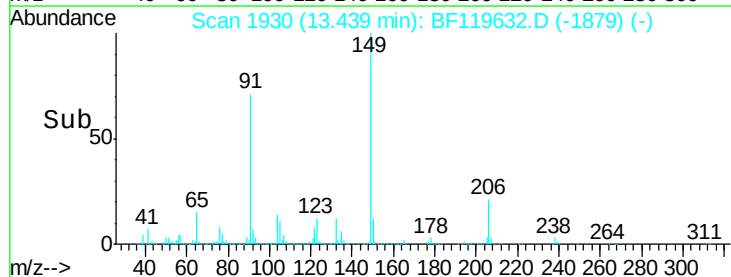
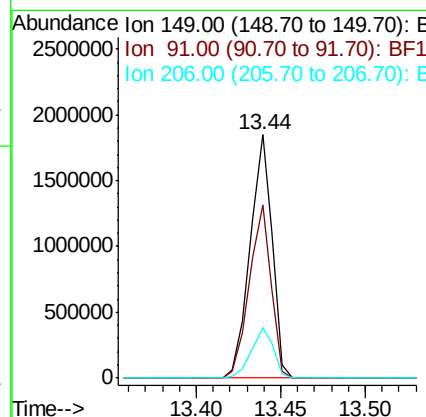
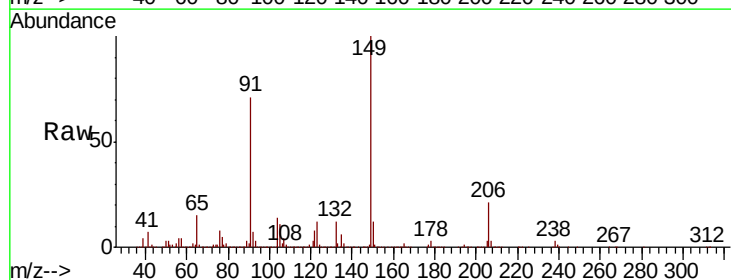
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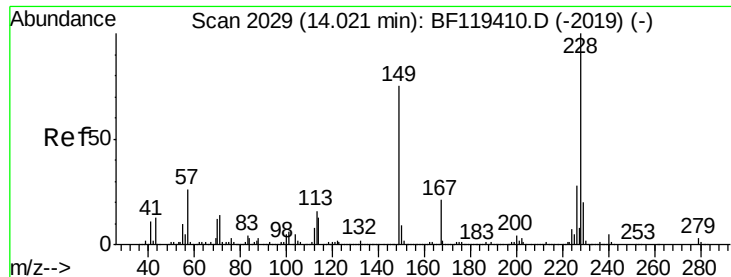
mohammad
 3/31/2020 3:16:30 PM



#80
 Butylbenzylphthalate
 Concen: 52.454 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.2	54.7	82.1
206	20.5	16.2	24.2





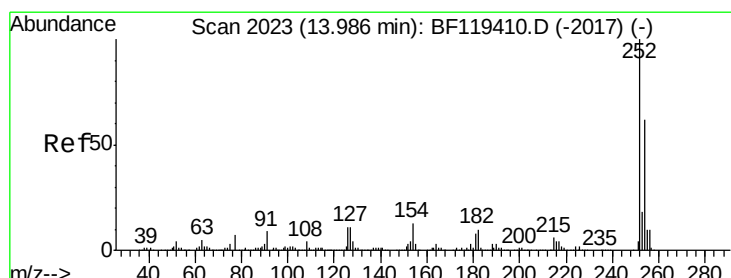
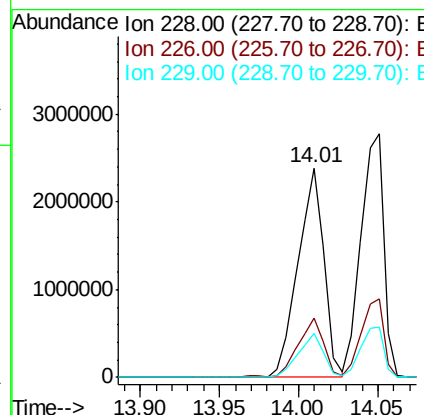
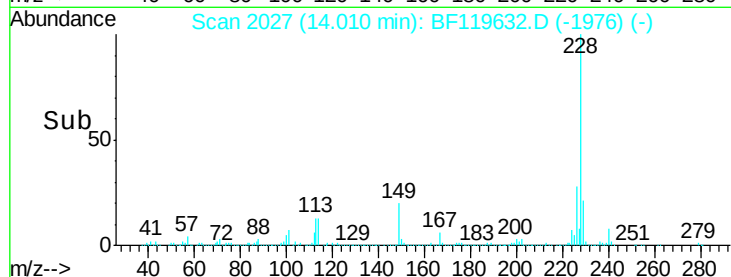
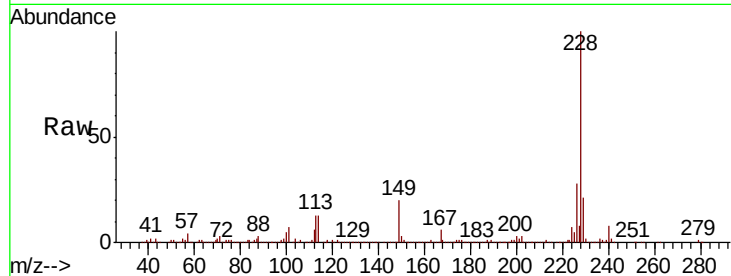
#81
Benzo(a)anthracene
Concen: 42.856 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.8
229	20.8	16.2	24.4

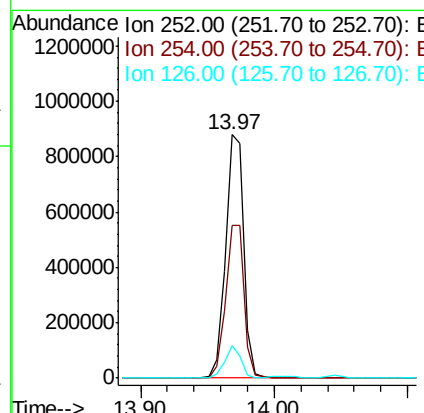
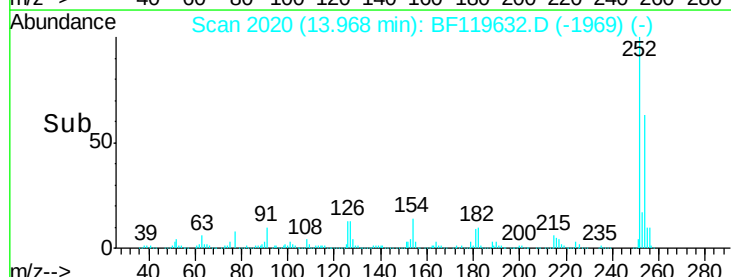
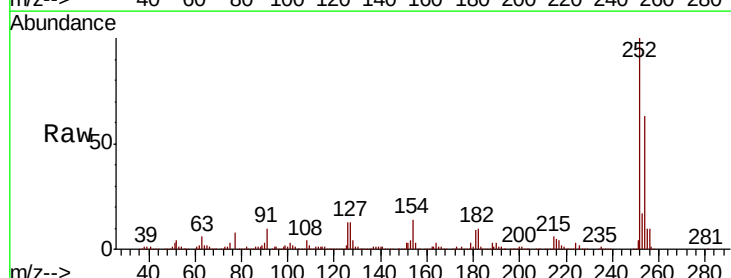
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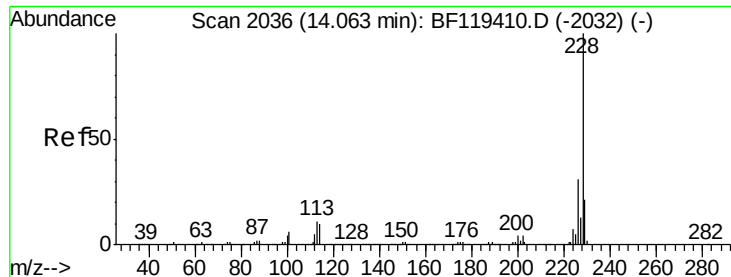
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 34.095 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.2	76.8
126	13.2	9.6	14.4





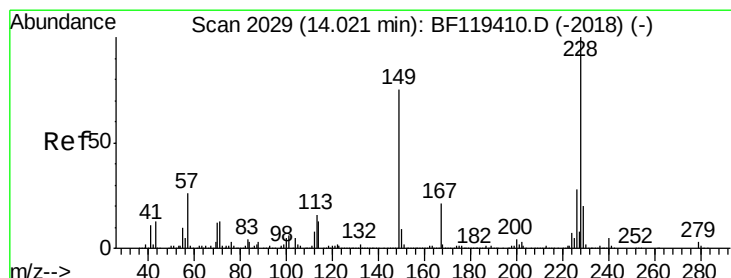
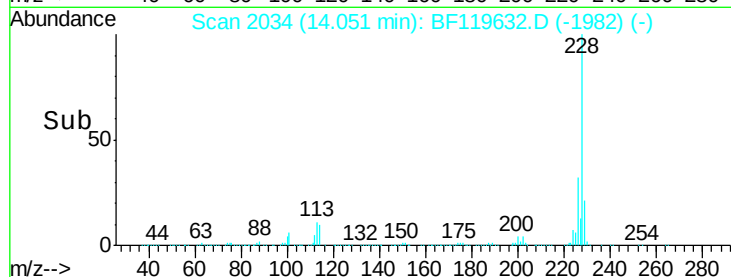
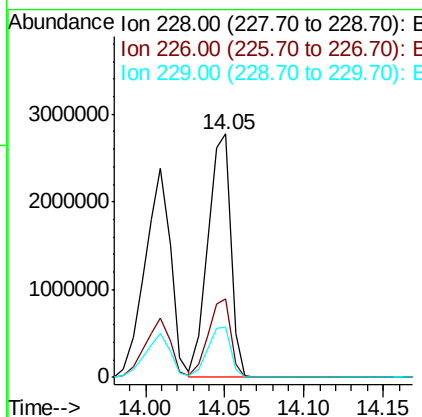
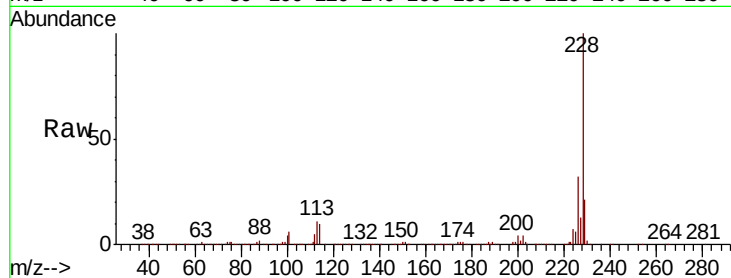
#83
 Chrysene
 Concen: 43.201 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127886BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.0
229	20.9	16.6	24.8

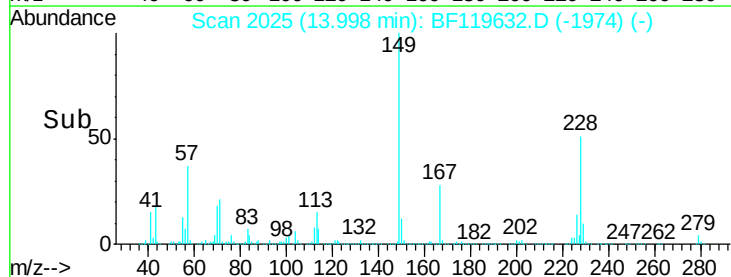
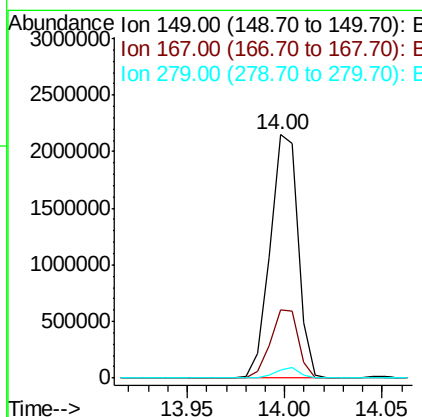
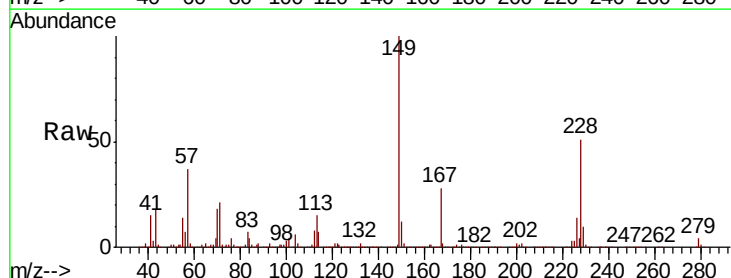
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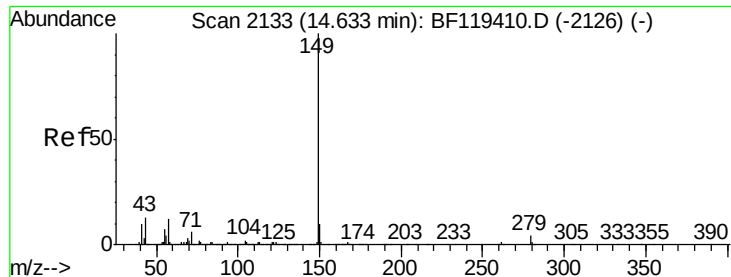
mohammad
 3/31/2020 3:16:30 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.724 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF119632.D
 Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.3	31.9
279	3.5	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 55.968 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB127886BS

Tot Ion:149 Resp: 3769413

Ion Ratio Lower Upper

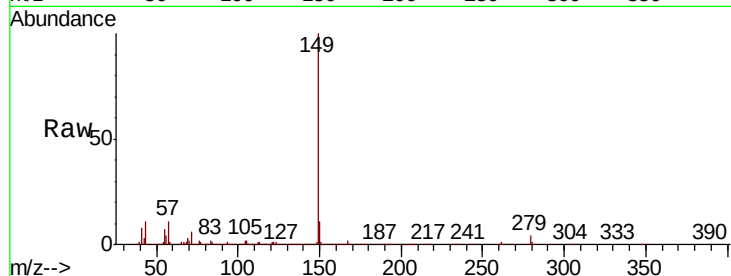
149 100

167 1.7 1.2 1.8

43 11.4 9.3 13.9

Manual Integrations
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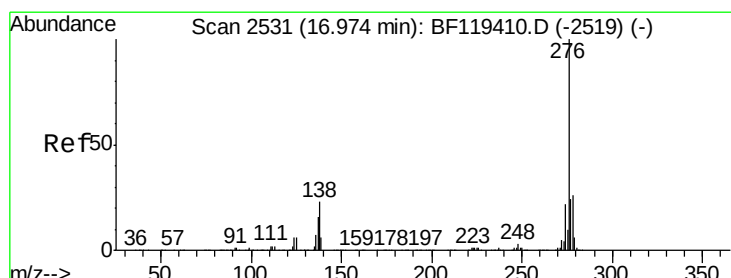
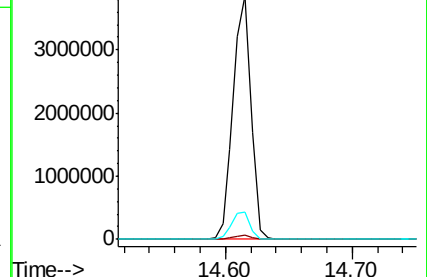
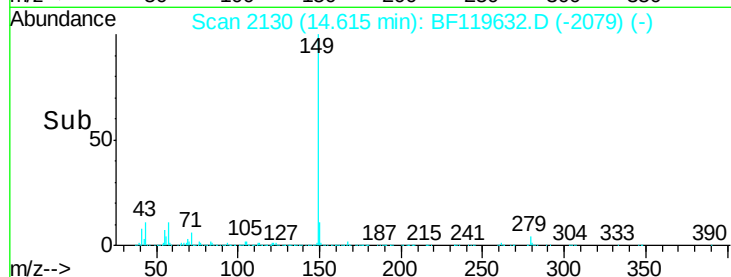
mohammad
3/31/2020 3:16:30 PM



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: 44.089 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BF119632.D

Acq: 30 Mar 2020 14:56

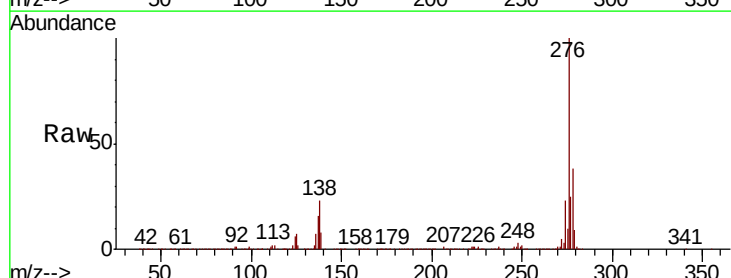
Tgt Ion:276 Resp: 2696968

Ion Ratio Lower Upper

276 100

138 26.2 19.6 29.4

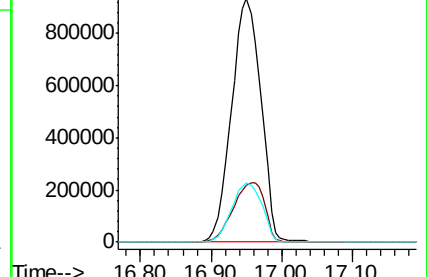
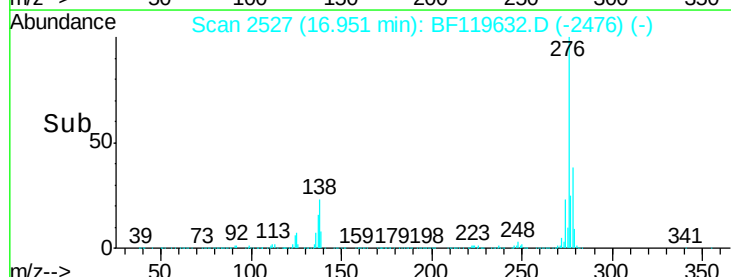
277 25.1 20.0 30.0

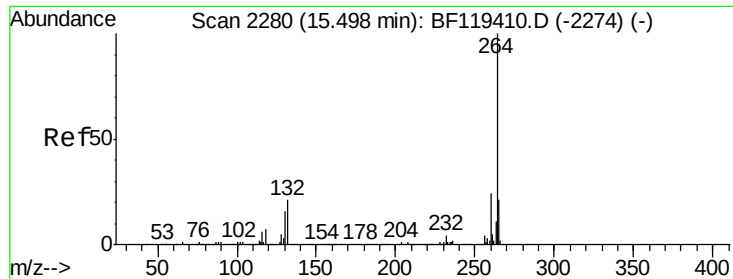


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





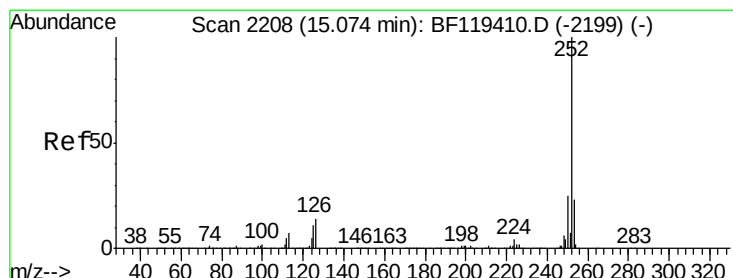
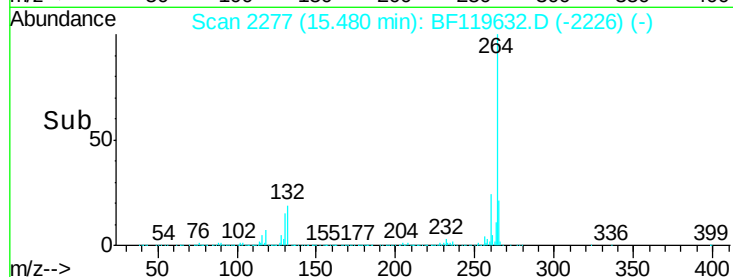
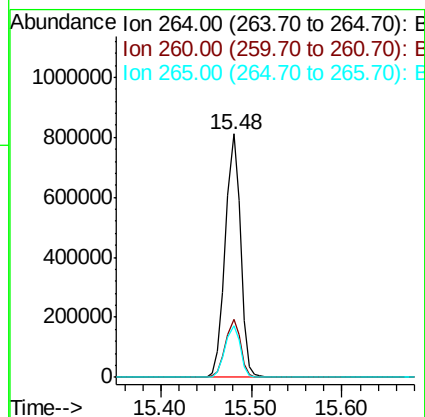
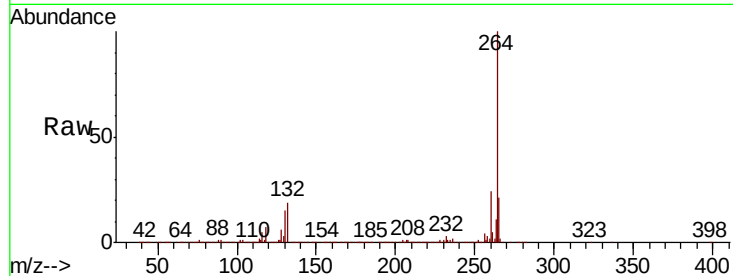
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampled :
PB127886BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.4	17.7	26.5

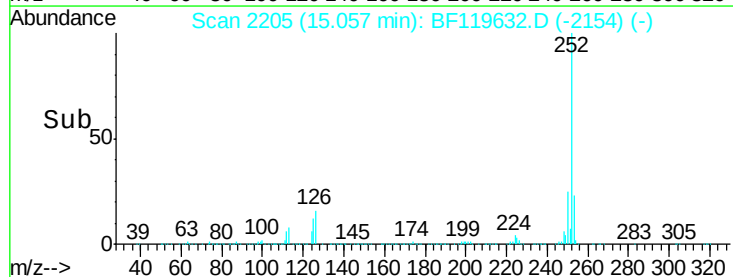
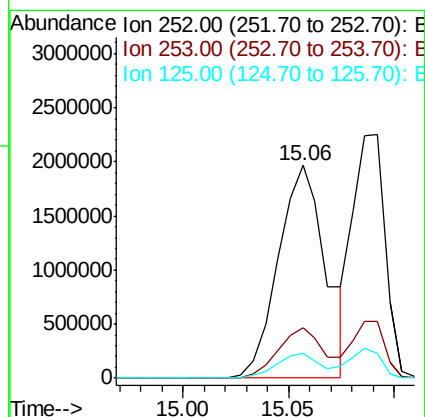
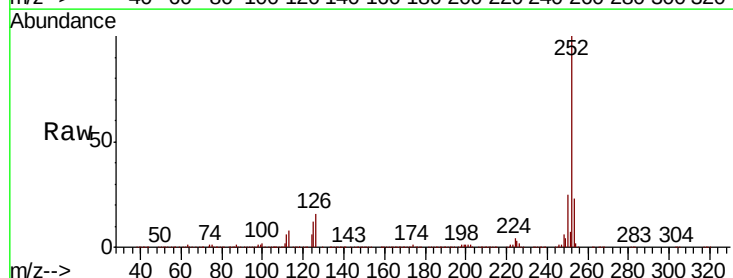
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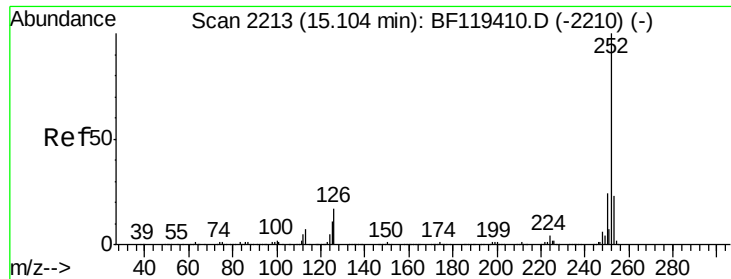
mohammad
3/31/2020 3:16:30 PM



#88
Benzo(b)fluoranthene
Concen: 49.399 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	11.6	7.9	11.9





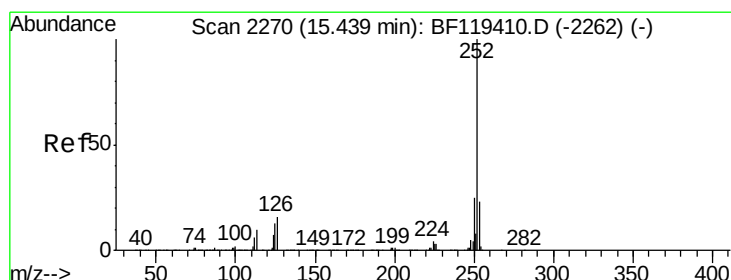
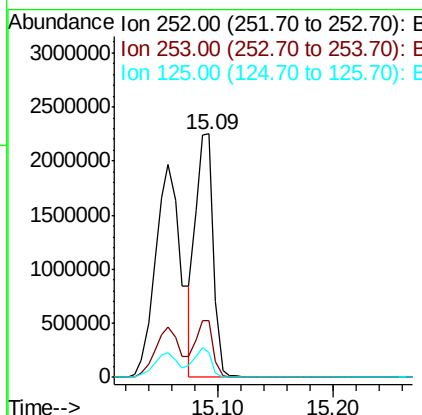
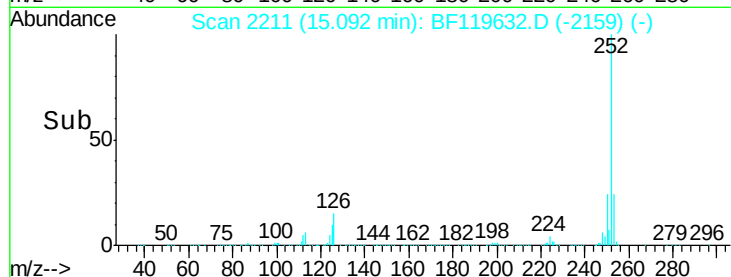
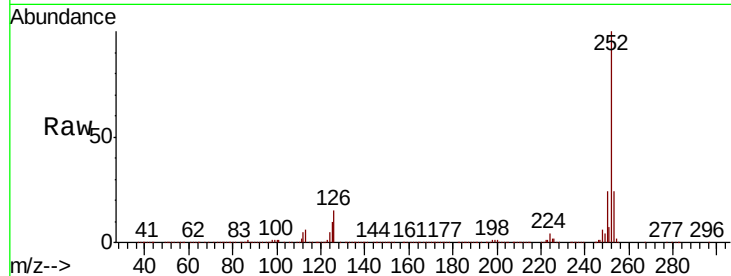
#89
Benzo(k)fluoranthene
Concen: 40.847 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion:252 Resp: 2425409
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 10.3 8.4 12.6

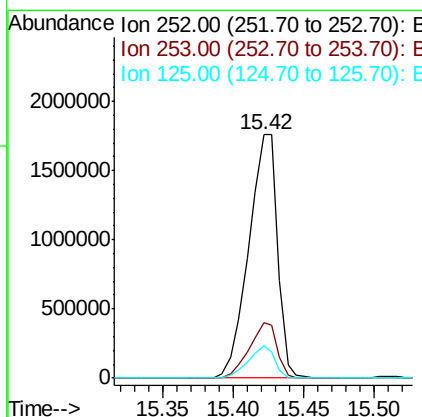
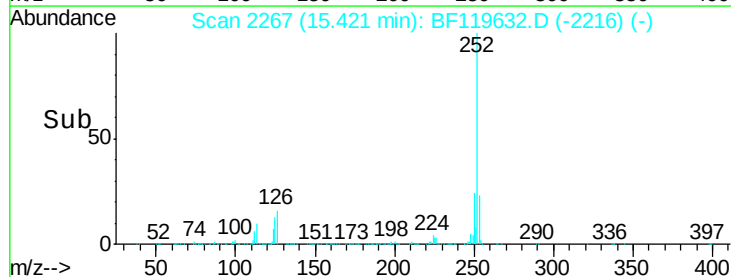
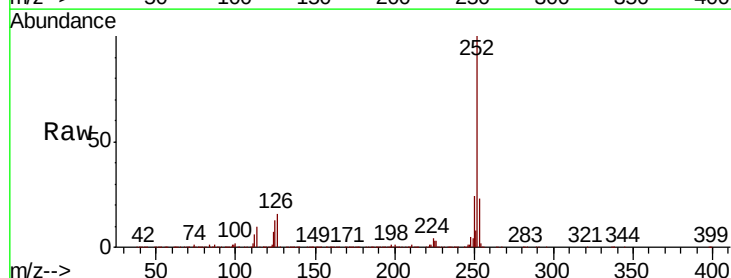
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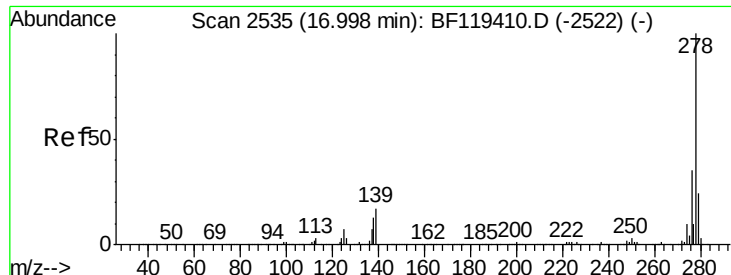
mohammad
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#90
Benzo(a)pyrene
Concen: 44.683 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion:252 Resp: 2532186
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 13.1 9.4 14.2





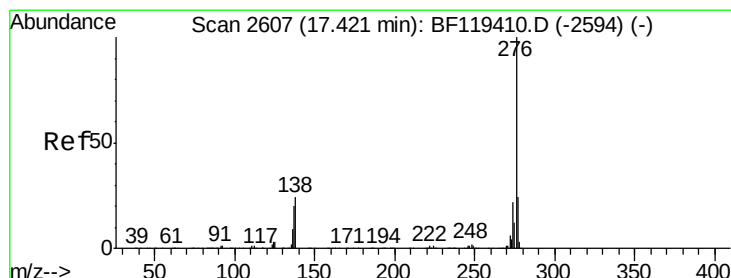
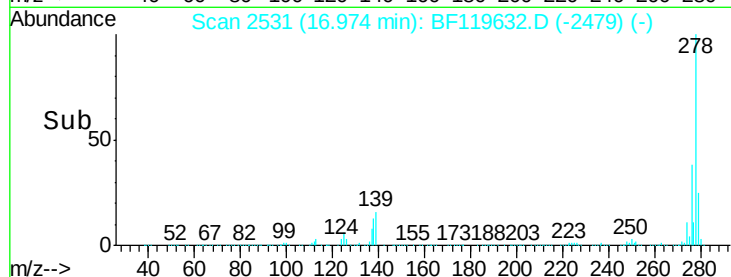
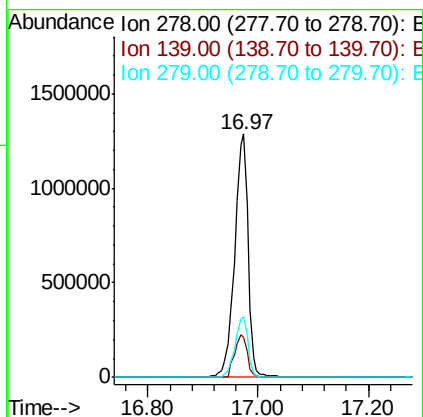
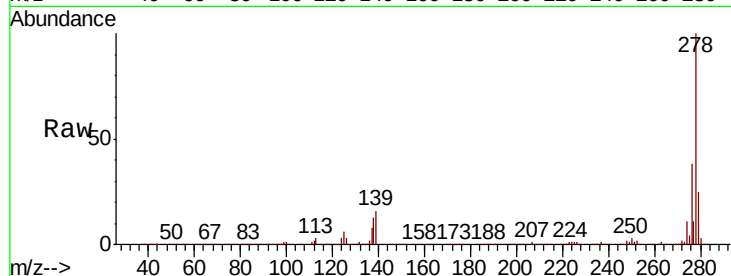
#91
Dibenzo(a,h)anthracene
Concen: 44.746 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127886BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.6	19.0
279	24.7	19.0	28.6

Manual Integrations
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3/31/2020 3:16:30 PM



#92
Benzo(g,h,i)perylene
Concen: 44.260 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BF119632.D
Acq: 30 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	22.8	15.4	23.0

