

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119226.D
 Acq On : 5 Mar 2020 22:02
 Operator : CG/JU
 Sample : PB127239BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Manual Integrations
 APPROVED

mohammad
 3/9/2020 8:27:27 AM

Quant Time: Mar 06 07:34:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139827	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	541339	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	301887	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	567361	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	366225	20.00	ng	-0.02
87) Perylene-d12	15.31	264	287477	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	738442	88.26	ng	0.00
7) Phenol-d6	6.38	99	613745	60.31	ng	-0.02
23) Nitrobenzene-d5	7.29	82	882921	86.12	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	507469	128.50	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1753882	85.59	ng	-0.02
79) Terphenyl-d14	12.83	244	2163763	101.72	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	62817	16.862	ng	100
4) n-Nitrosodimethylamine	3.12	42	60816	19.733	ng	92
8) 2-Chlorophenol	6.52	128	425157	47.085	ng	97
9) Benzaldehyde	6.27	77	204240	30.042	ng	98
10) Phenol	6.39	94	237823	21.617	ng	# 76
11) bis(2-Chloroethyl)ether	6.46	93	394232	46.832	ng	97
12) 1,3-Dichlorobenzene	6.66	146	389813	36.019	ng	97
13) 1,4-Dichlorobenzene	6.74	146	398240	36.772	ng	99
14) 1,2-Dichlorobenzene	6.90	146	376063	38.075	ng	98
15) Benzyl Alcohol	6.88	79	234273	31.855	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	317105	43.486	ng	# 51
17) 2-Methylphenol	7.00	107	311507	42.551	ng	92
18) Hexachloroethane	7.23	117	133956	34.573	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	304003	51.270	ng	98
20) 3+4-Methylphenols	7.15	107	373464	41.640	ng	93
22) Acetophenone	7.14	105	611689	48.837	ng	# 96
24) Nitrobenzene	7.31	77	459293	45.300	ng	96
25) Isophorone	7.55	82	847438	47.593	ng	98
26) 2-Nitrophenol	7.63	139	252623	47.026	ng	97
27) 2,4-Dimethylphenol	7.67	122	356471	48.893	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	505702	43.634	ng	99
29) 2,4-Dichlorophenol	7.88	162	389937	45.431	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	366593	36.024	ng	99
31) Naphthalene	8.03	128	1162490	41.407	ng	99
32) Benzoic acid	7.82	122	89742	21.202	ng	98
33) 4-Chloroaniline	8.09	127	40757	3.375	ng	98
34) Hexachlorobutadiene	8.15	225	204167	32.209	ng	98
35) Caprolactam	8.47	113	19582m	7.409	ng	
36) 4-Chloro-3-methylphenol	8.57	107	415628	47.848	ng	98
37) 2-Methylnaphthalene	8.72	142	831799	44.026	ng	99
38) 1-Methylnaphthalene	8.82	142	785794	44.224	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	418769	41.143	ng	99
41) Hexachlorocyclopentadiene	8.87	237	168279	49.481	ng	100
43) 2,4,6-Trichlorophenol	9.01	196	276877	43.076	ng	100

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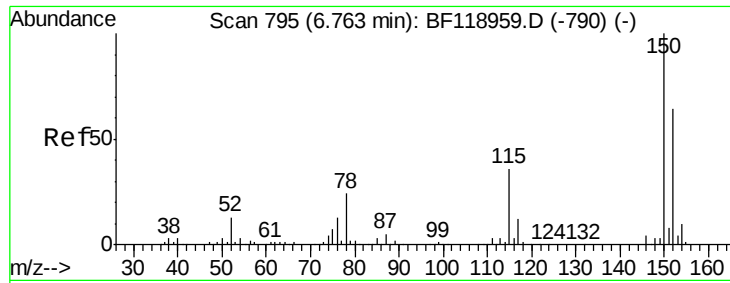
Manual Integrations
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Quant Time: Mar 06 07:34:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.06	196	294545	43.670	ng	97
46) 1,1'-Biphenyl	9.19	154	1045461	42.849	ng	99
47) 2-Chloronaphthalene	9.21	162	832620	42.347	ng	98
48) 2-Nitroaniline	9.32	65	253905	46.299	ng	99
49) Acenaphthylene	9.63	152	1282206	45.153	ng	99
50) Dimethylphthalate	9.49	163	1068523	46.287	ng	99
51) 2,6-Dinitrotoluene	9.56	165	239924	46.780	ng	# 86
52) Acenaphthene	9.80	154	768349	44.872	ng	99
53) 3-Nitroaniline	9.73	138	127883	22.492	ng	100
54) 2,4-Dinitrophenol	9.85	184	222445	88.376	ng	93
55) Dibenzofuran	9.97	168	1149721	44.985	ng	100
56) 4-Nitrophenol	9.92	139	104587	30.615	ng	97
57) 2,4-Dinitrotoluene	9.97	165	301321	45.326	ng	92
58) Fluorene	10.31	166	945766	47.622	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	251211	44.140	ng	99
60) Diethylphthalate	10.19	149	1024866	47.110	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	487304	46.356	ng	99
62) 4-Nitroaniline	10.35	138	204851	35.214	ng	99
63) Azobenzene	10.46	77	913631	48.316	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	179469	52.275	ng	93
66) n-Nitrosodiphenylamine	10.43	169	848380	45.667	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	328773	44.332	ng	99
68) Hexachlorobenzene	10.87	284	373660	43.701	ng	96
69) Atrazine	10.96	200	317111	48.856	ng	98
70) Pentachlorophenol	11.07	266	263543	76.515	ng	99
71) Phenanthrene	11.27	178	1412877	45.663	ng	98
72) Anthracene	11.33	178	1441251	46.619	ng	99
73) Carbazole	11.49	167	1293828	46.977	ng	98
74) Di-n-butylphthalate	11.80	149	1565076	46.924	ng	100
75) Fluoranthene	12.46	202	1499566	45.658	ng	99
78) Pyrene	12.69	202	1494495	50.820	ng	100
80) Butylbenzylphthalate	13.30	149	623018	50.338	ng	97
81) Benzo(a)anthracene	13.87	228	1197805	48.002	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	255135	26.331	ng	97
83) Chrysene	13.92	228	1129641	45.433	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	813988	52.058	ng	98
85) Di-n-octyl phthalate	14.46	149	1141990	45.839	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	983346	40.845	ng	100
88) Benzo(b)fluoranthene	14.90	252	898941	47.440	ng	100
89) Benzo(k)fluoranthene	14.93	252	902480	51.393	ng	99
90) Benzo(a)pyrene	15.25	252	783580	45.818	ng	98
91) Dibenzo(a,h)anthracene	16.72	278	831482	55.256	ng	99
92) Benzo(g,h,i)perylene	17.13	276	846771	56.953	ng	99

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



#1

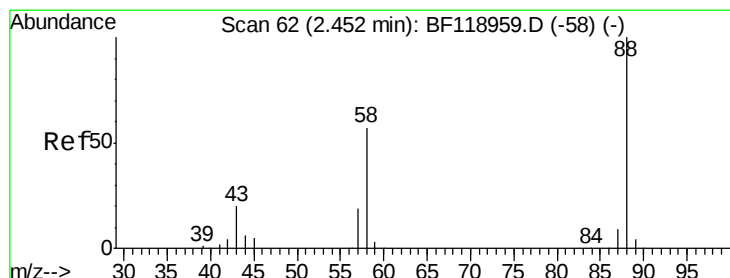
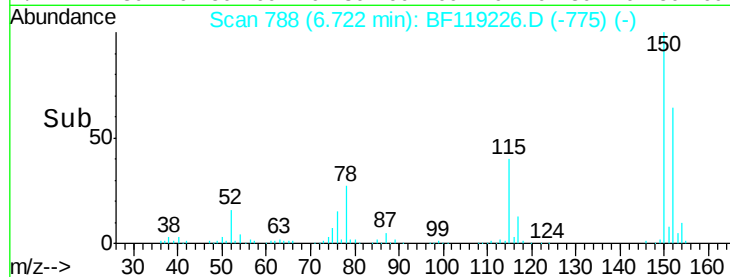
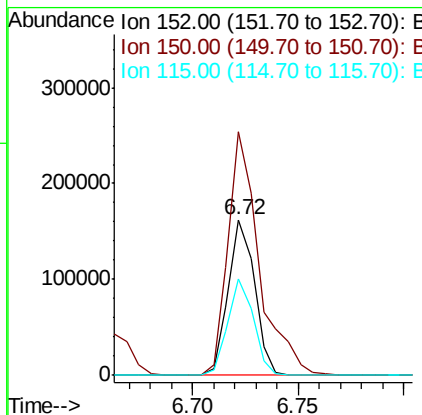
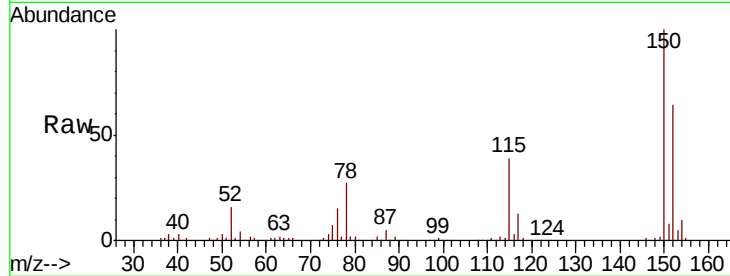
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.0	184.6
115	61.6	49.5	74.3

Manual Integrations
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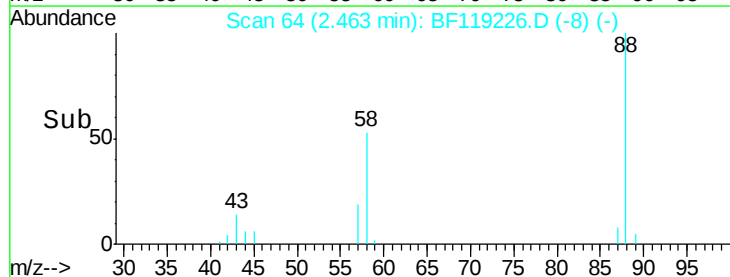
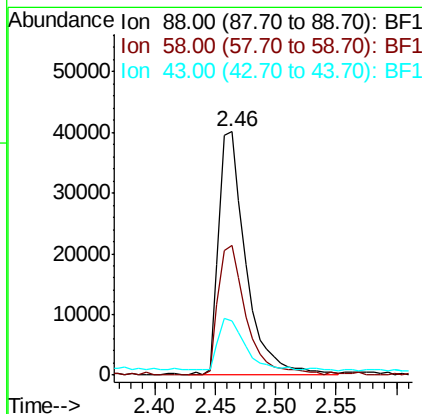
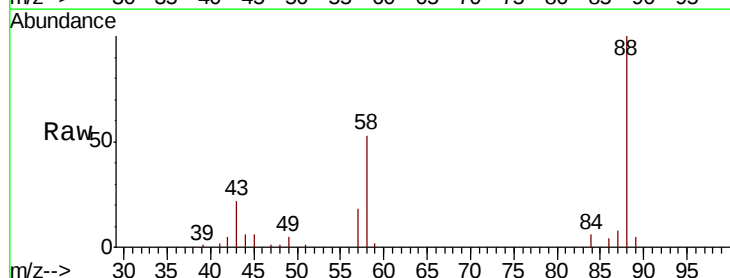
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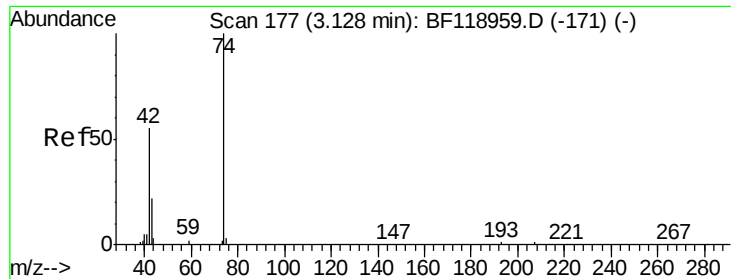


#2

1,4-Dioxane
Concen: 16.862 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.03 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.8	43.8	65.6
43	20.5	16.2	24.4





#4

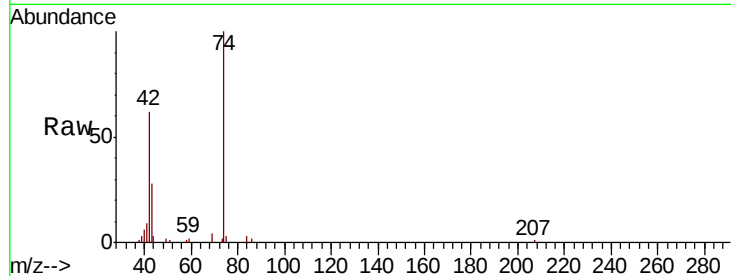
n-Nitrosodimethylamine
 Concen: 19.733 ng
 RT: 3.12 min Scan# 176
 Delta R.T. -0.00 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	160.6	137.7	206.5
44	5.5	4.5	6.7

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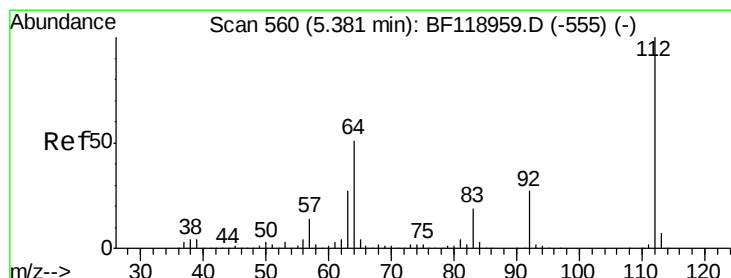
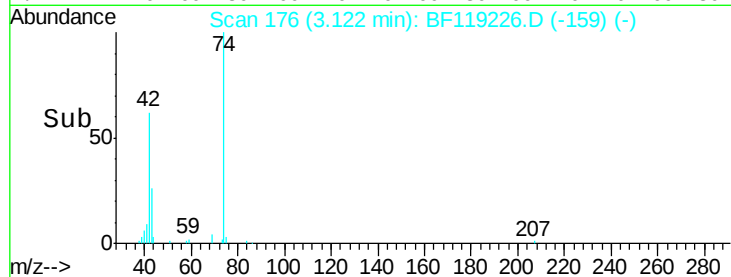
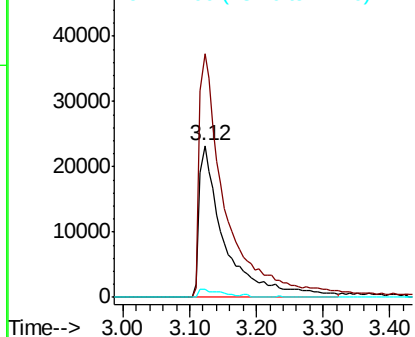


Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

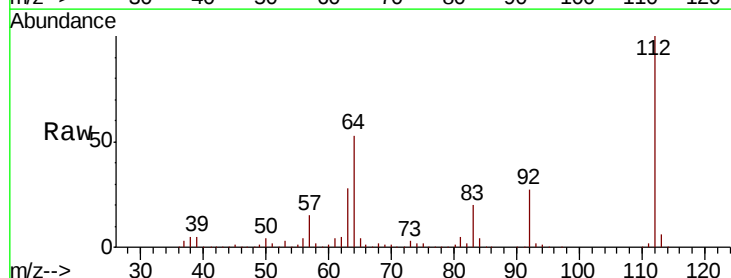
Ion 44.00 (43.70 to 44.70): BF1



#5

2-Fluorophenol
 Concen: 88.257 ng
 RT: 5.36 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	45.0	67.4
63	27.8	24.2	36.4

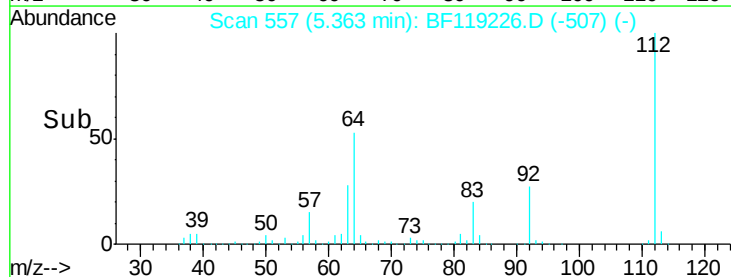
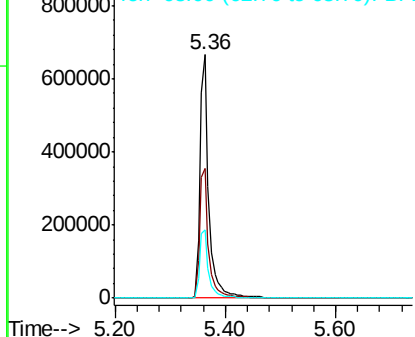


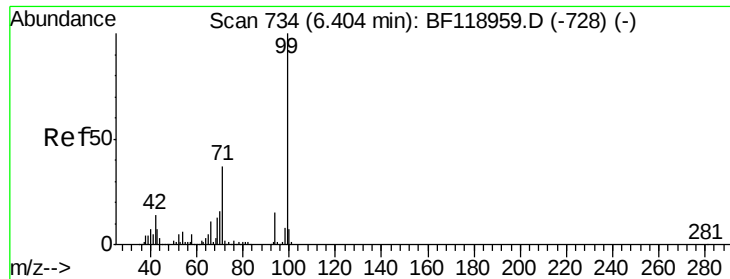
Abundance

Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 60.314 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

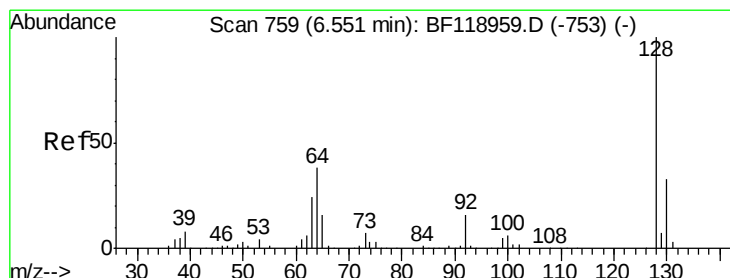
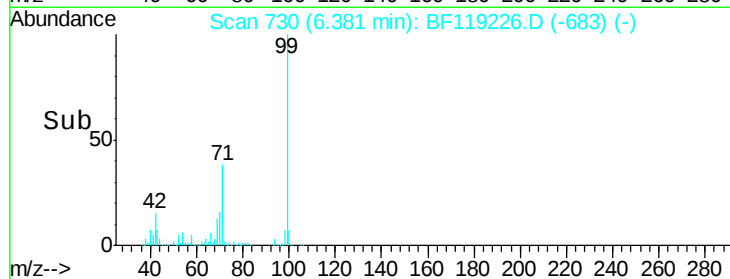
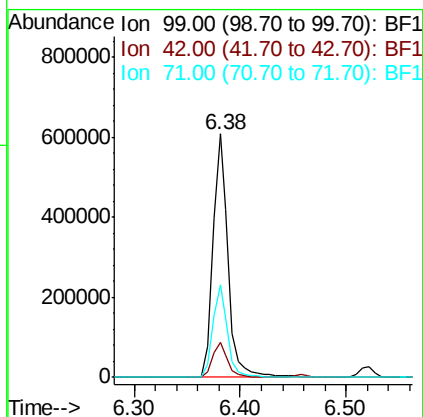
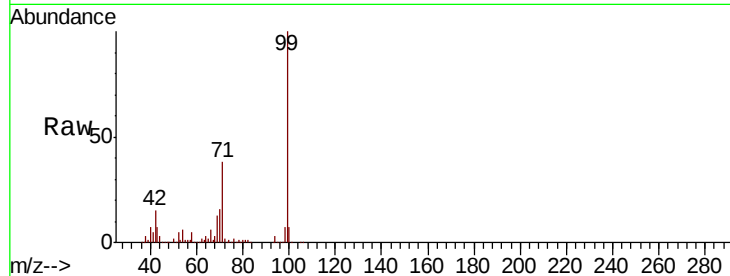
ClientSampleId :

PB127239BS

Tot Ion:	99	Resp:	613745
Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.6	18.8
71	38.0	31.0	46.4

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#8

2-Chlorophenol

Concen: 47.085 ng

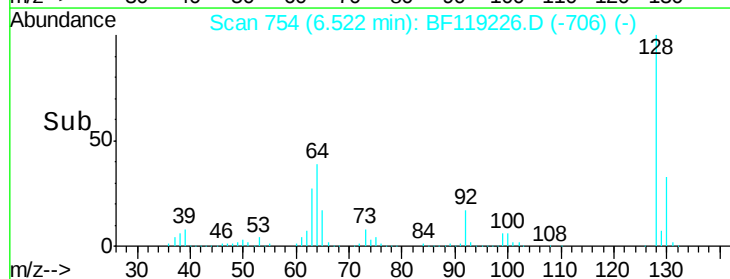
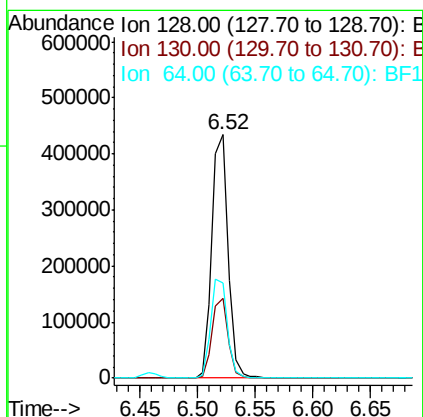
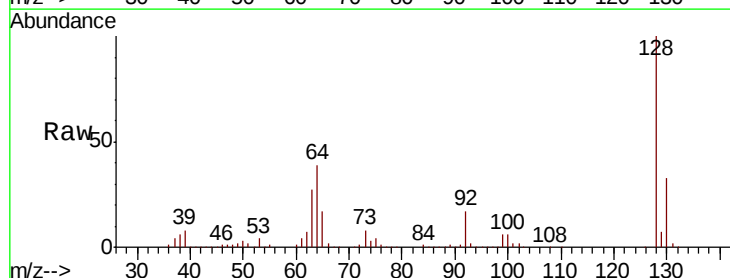
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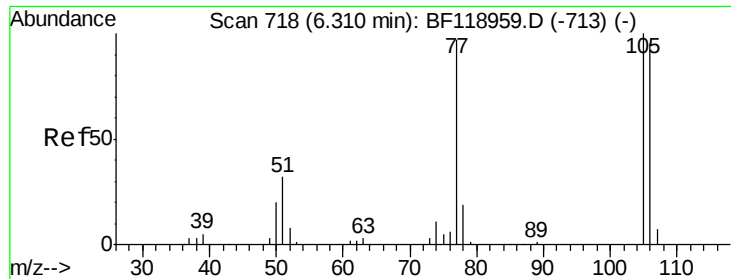
Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Tgt Ion:	128	Resp:	425157
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	39.3	22.3	62.3





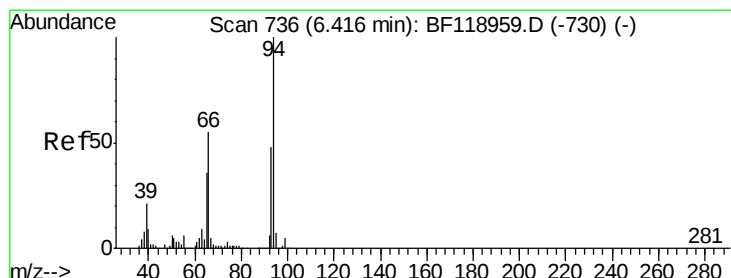
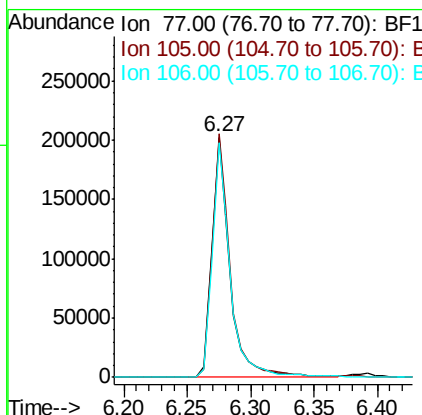
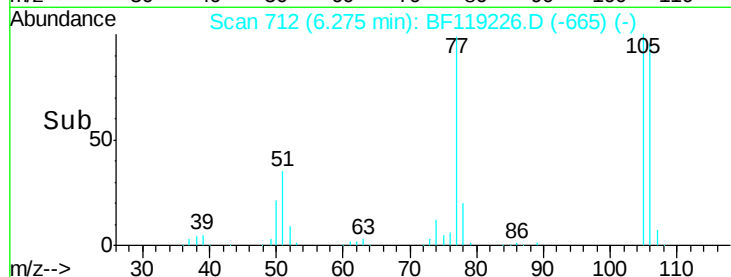
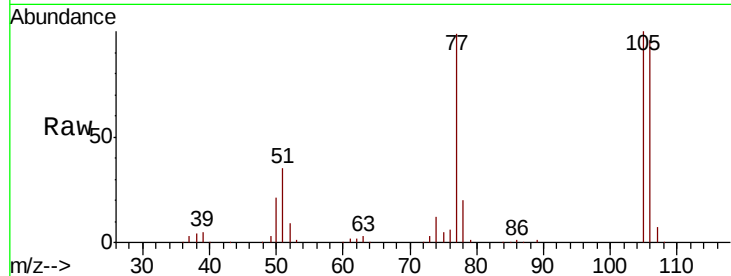
#9
Benzaldehyde
Concen: 30.042 ng
RT: 6.27 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleID :
PB127239BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.3	80.1	120.1		
106	97.7	75.9	115.9		

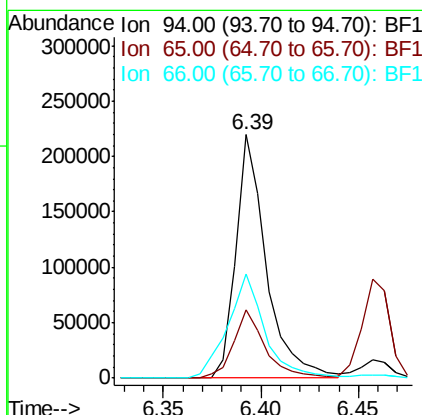
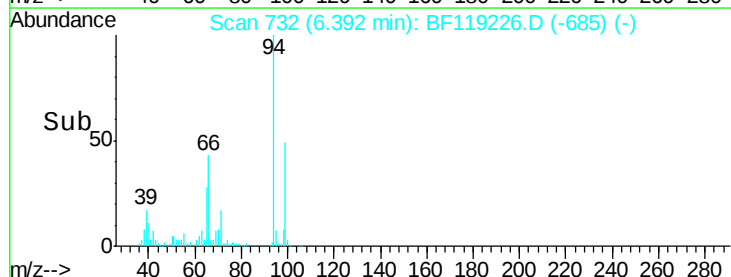
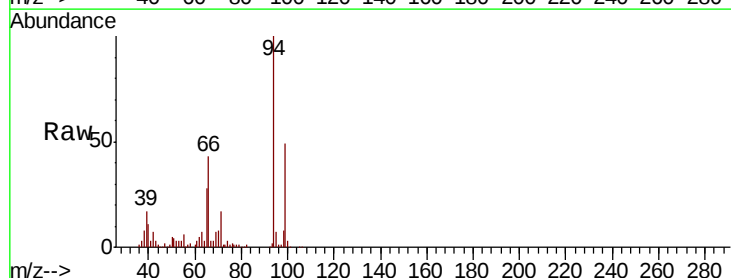
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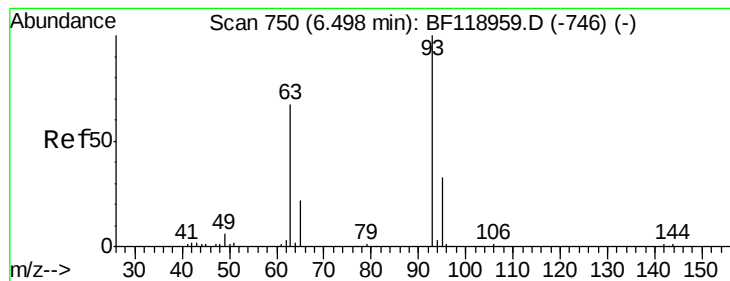
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#10
Phenol
Concen: 21.617 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.0	19.2	59.2		
66	42.6	44.4	84.4#		





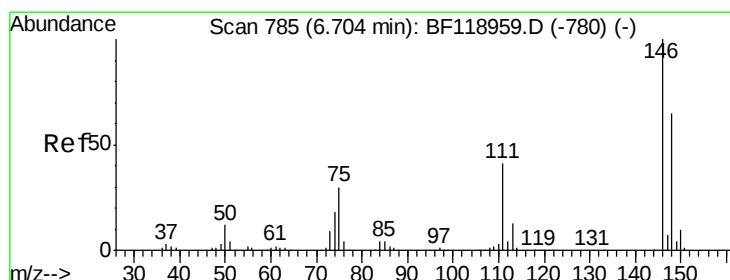
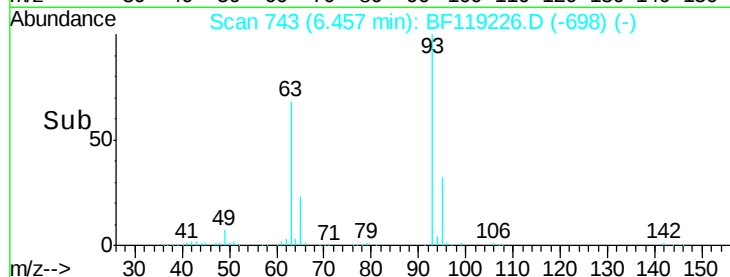
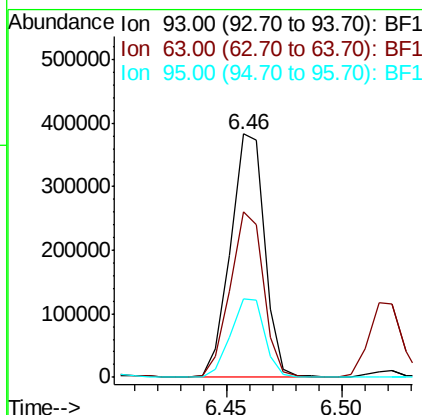
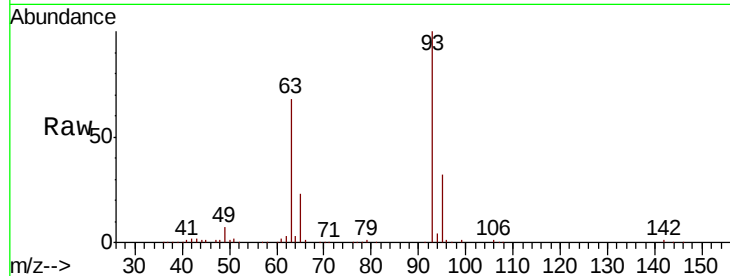
#11
bis(2-Chloroethyl)ether
Concen: 46.832 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.04 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.1	45.4	85.4
95	32.0	13.5	53.5

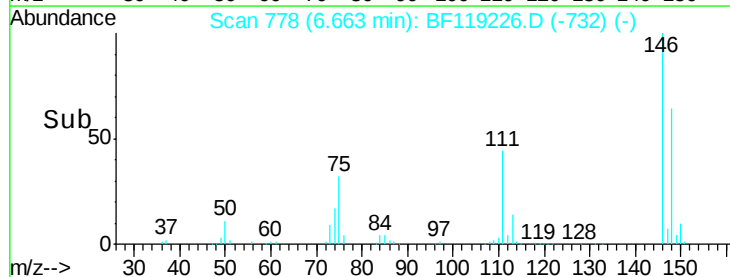
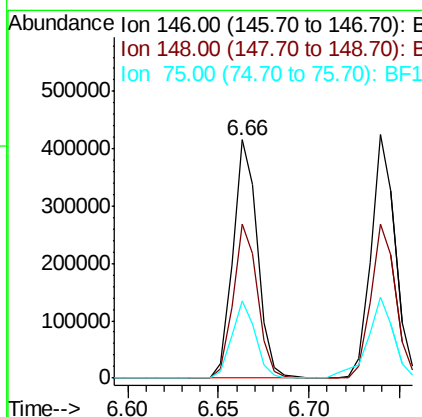
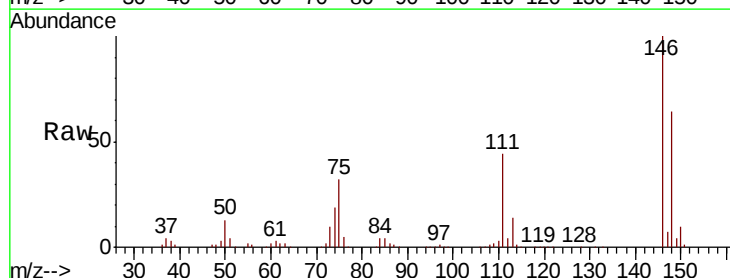
Manual Integrations
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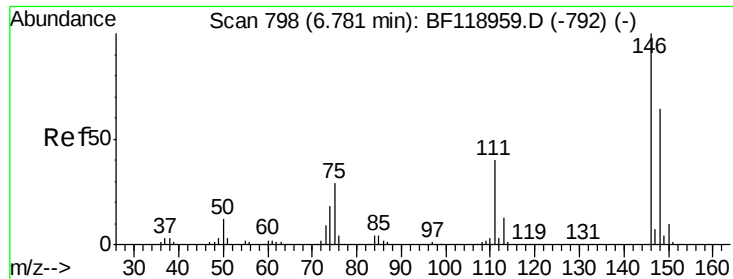
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#12
1,3-Dichlorobenzene
Concen: 36.019 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.5	78.7
75	32.3	23.6	35.4





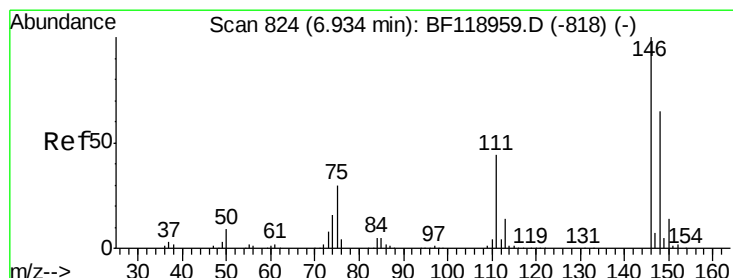
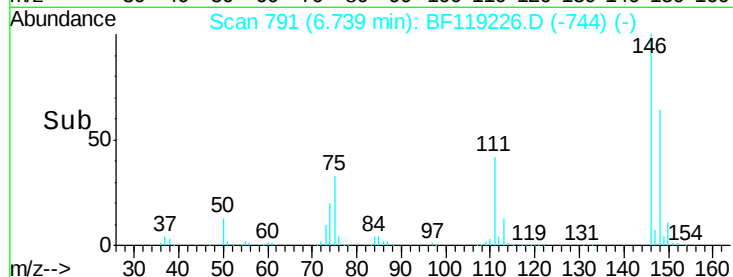
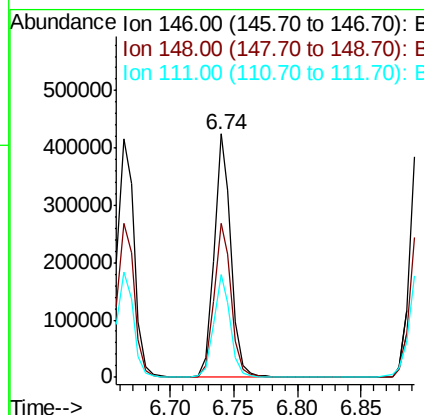
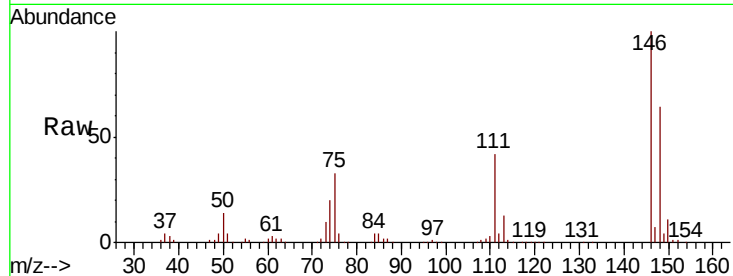
#13
1,4-Dichlorobenzene
Concen: 36.772 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	42.4	34.8	52.2

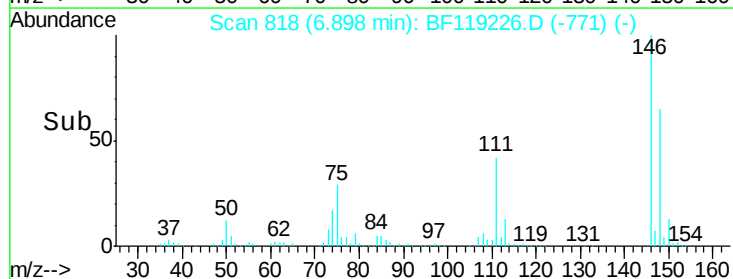
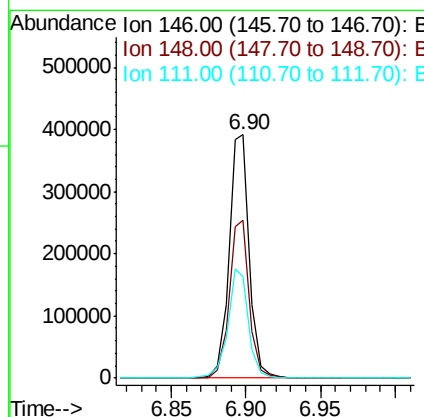
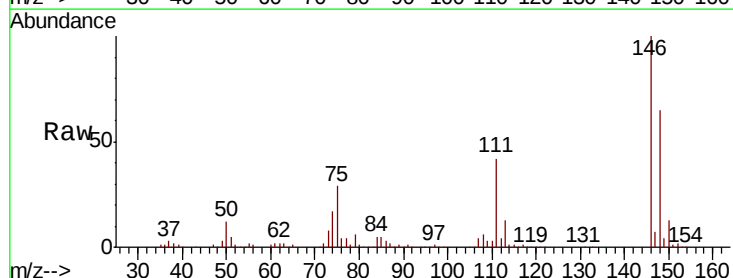
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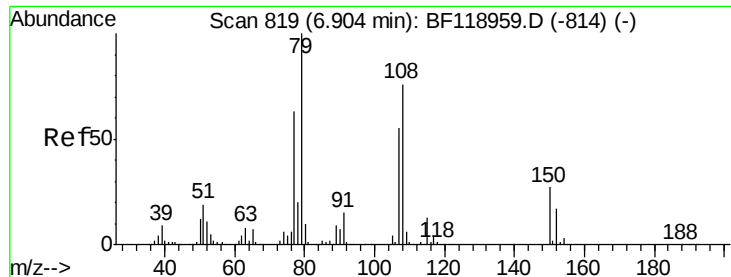
mohammad
3/9/2020 8:27:27 AM



#14
1,2-Dichlorobenzene
Concen: 38.075 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	41.5	36.2	54.2





#15

Benzyl Alcohol

Concen: 31.855 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

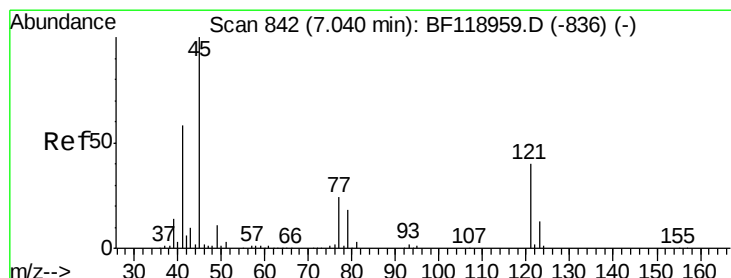
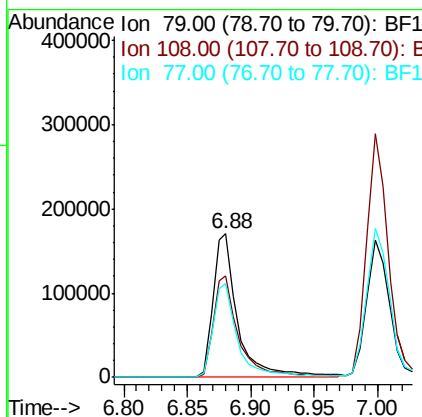
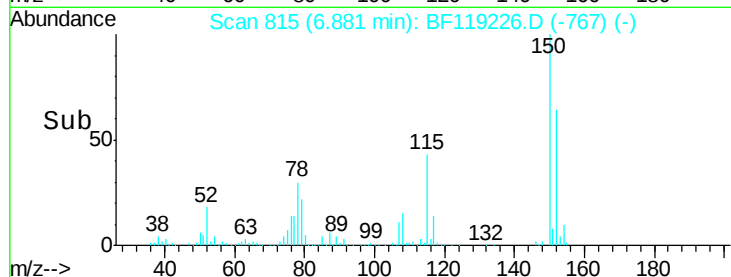
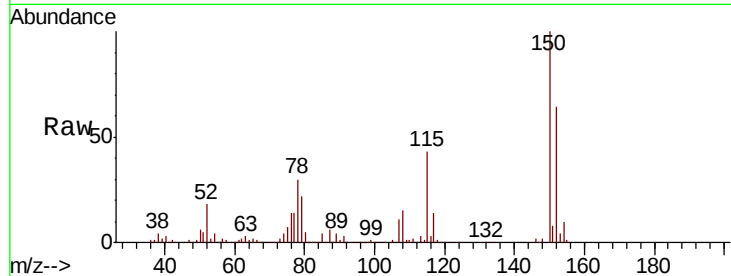
ClientSampleId :

PB127239BS

Tot Ion:	79	Resp:	234273
Ion Ratio	Lower	Upper	
79	100		
108	71.3	58.2	87.2
77	65.8	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.486 ng

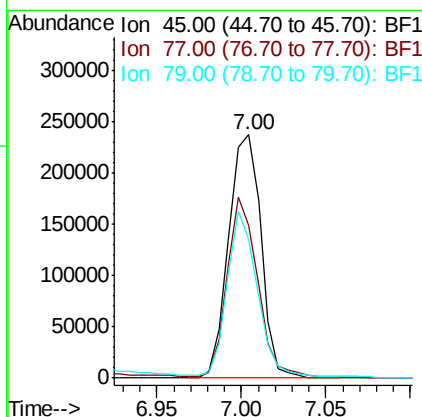
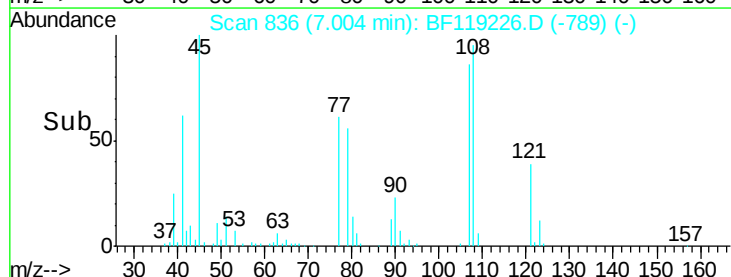
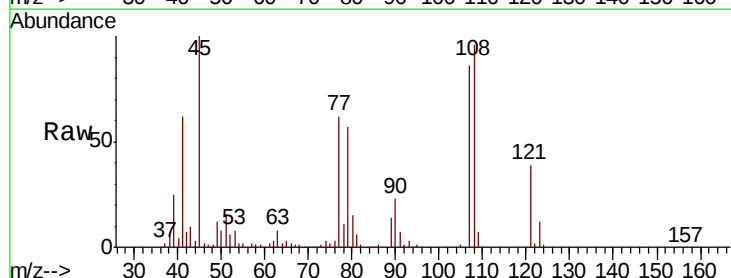
RT: 7.00 min Scan# 836

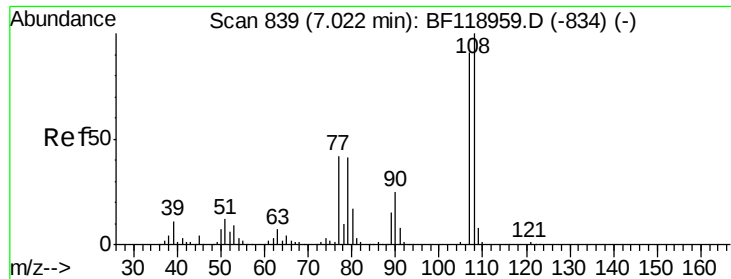
Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Tgt Ion:	45	Resp:	317105
Ion Ratio	Lower	Upper	
45	100		
77	62.5	15.0	55.0#
79	57.2	9.4	49.4#





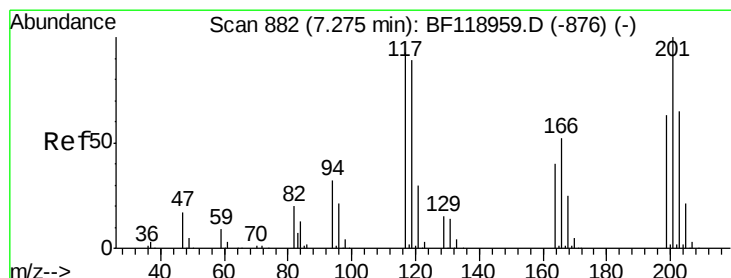
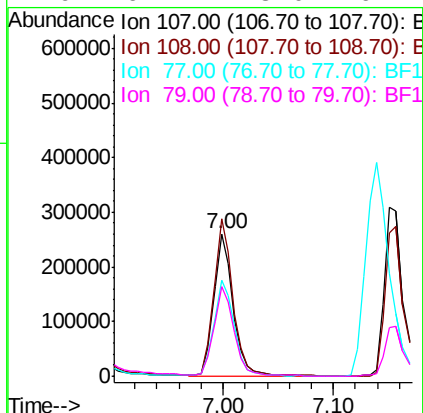
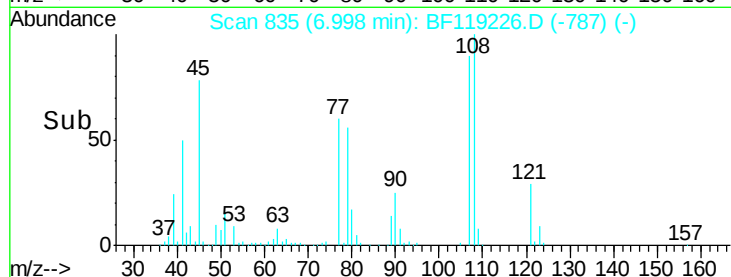
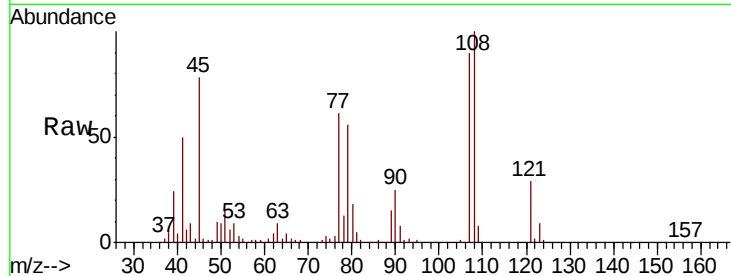
#17
2-Methylphenol
Concen: 42.551 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion:	107	Resp:	311507
Ion Ratio	Lower	Upper	
107	100		
108	111.0	87.9	131.9
77	67.7	45.3	67.9
79	62.7	43.0	64.4

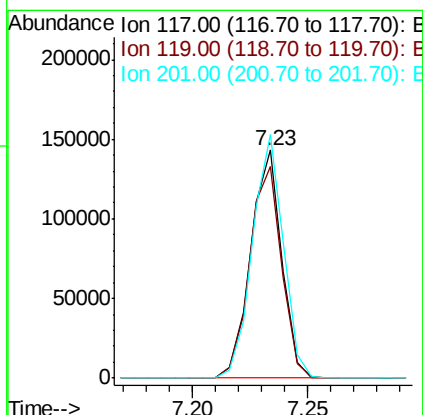
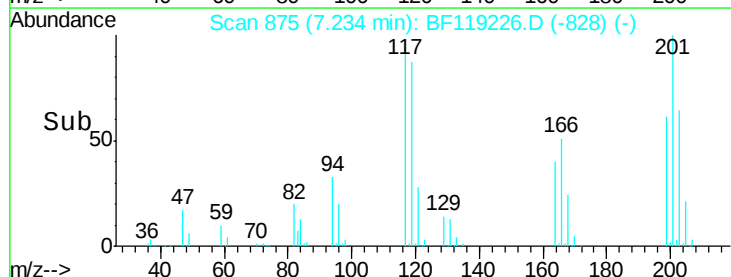
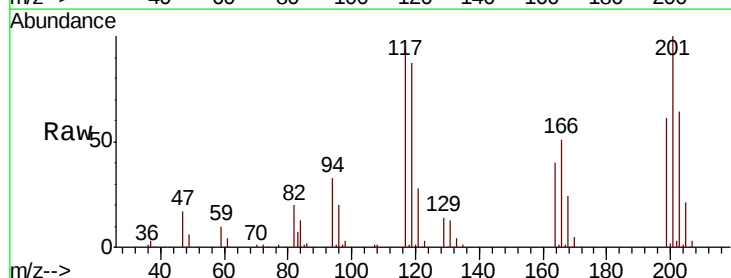
Manual Integrations
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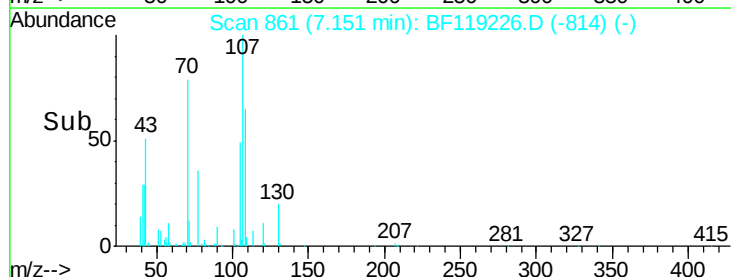
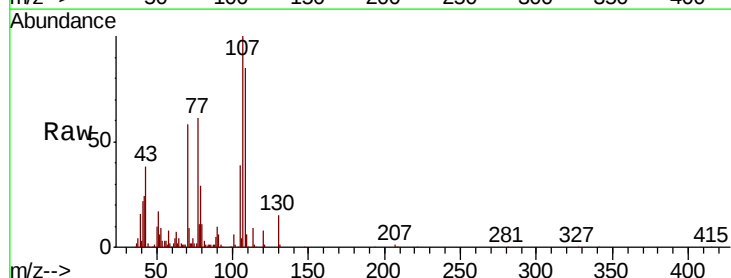
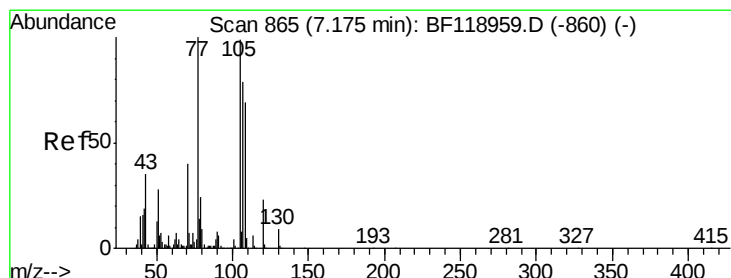
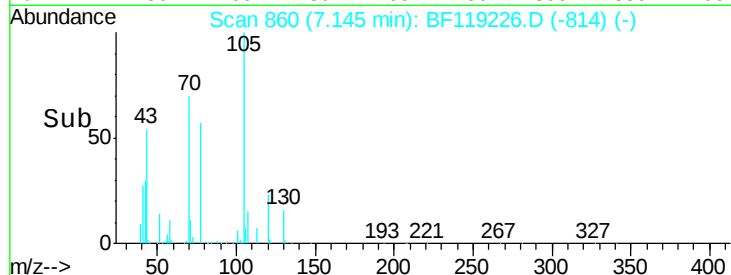
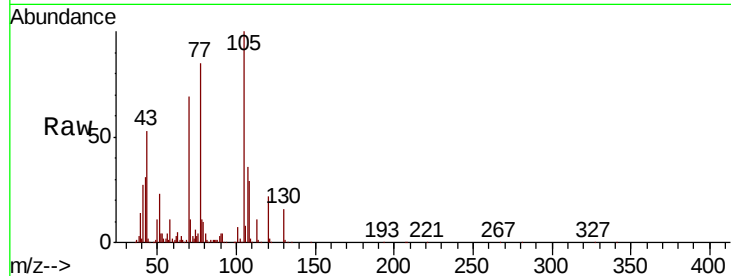
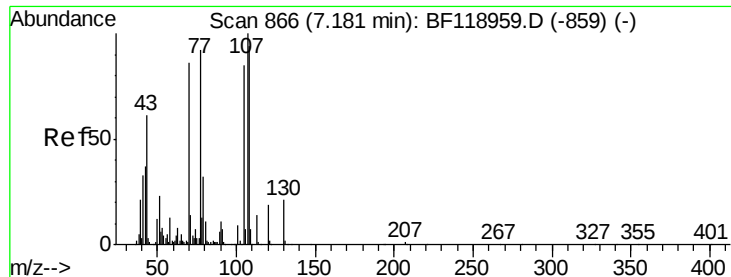
mohammad
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#18
Hexachloroethane
Concen: 34.573 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

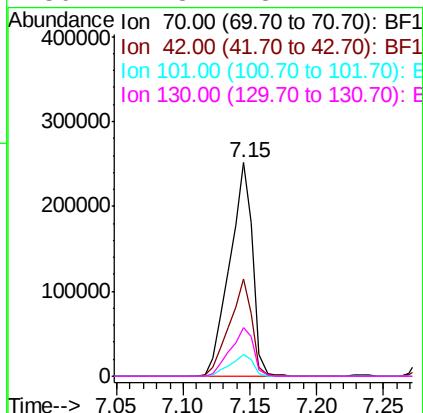
Tgt Ion:	117	Resp:	133956
Ion Ratio	Lower	Upper	
117	100		
119	92.8	77.5	116.3
201	106.9	82.6	123.8





#19
n-Nitroso-di-n-propylamine
Concen: 51.270 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.5	38.0	57.0
101	10.0	8.2	12.4
130	22.8	18.2	27.4



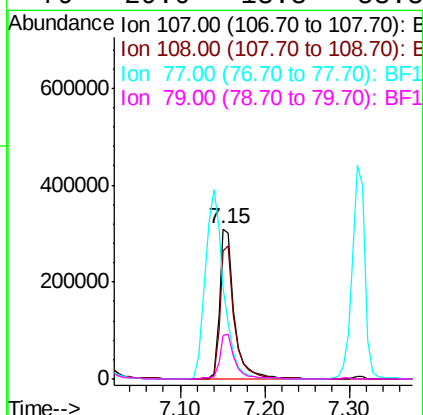
Instrument :
BNA_F
ClientSampleId :
PB127239BS

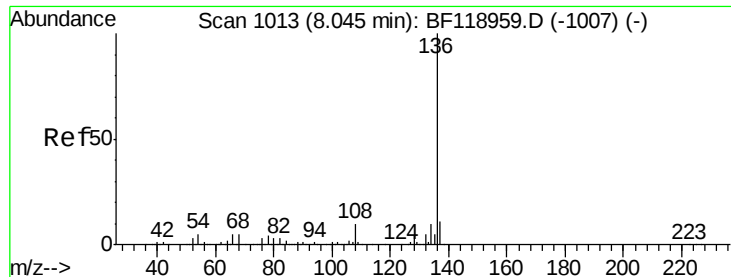
Manual Integrations
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#20
3+4-Methylphenols
Concen: 41.640 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	71.5	111.5
77	60.8	45.9	85.9
79	29.0	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

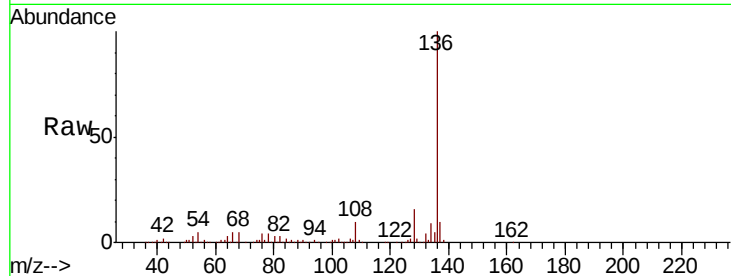
ClientSampleId :

PB127239BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	541339		
137	10.4		8.8	13.2
54	4.8		3.8	5.6
68	4.9		3.9	5.9

Manual Integrations
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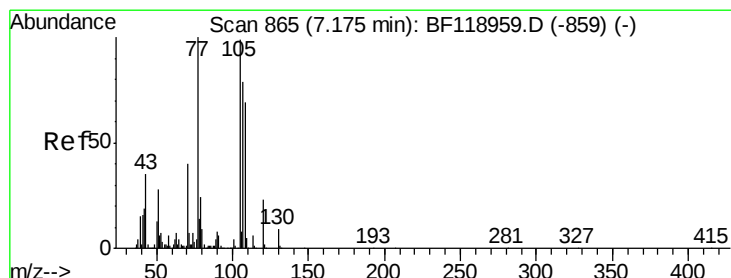
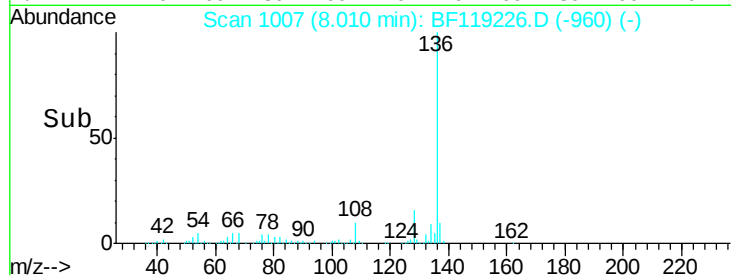
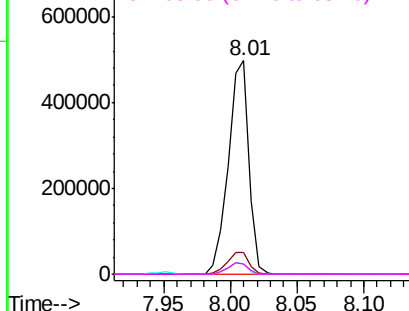


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.837 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

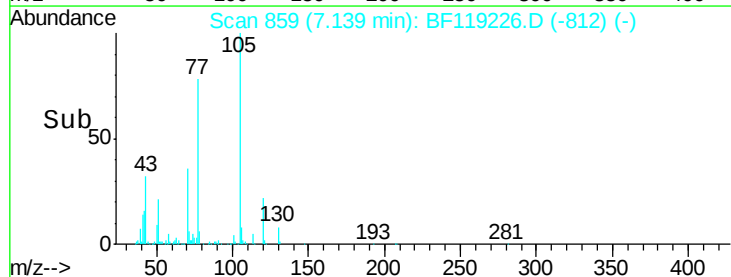
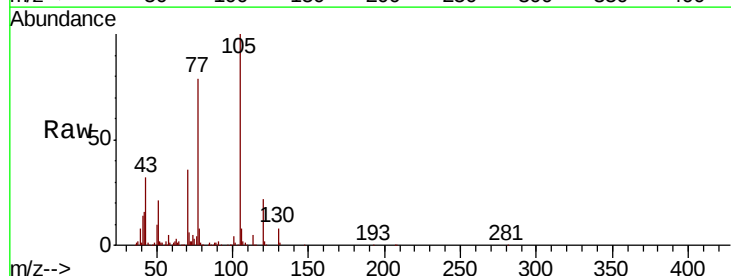
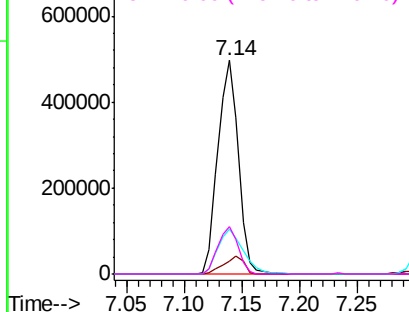
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	611689		
71	5.9		3.0	4.4#
51	21.2		20.1	30.1
120	22.4		18.0	27.0

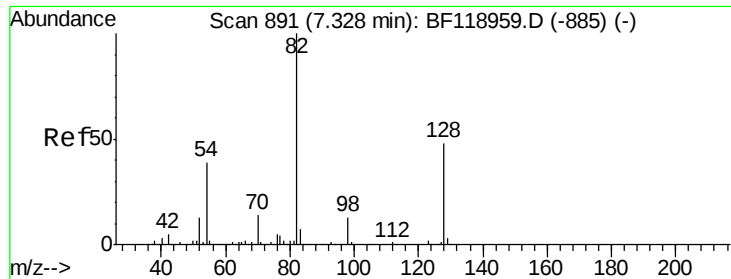
Abundance Ion 105.00 (104.70 to 105.70): E

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





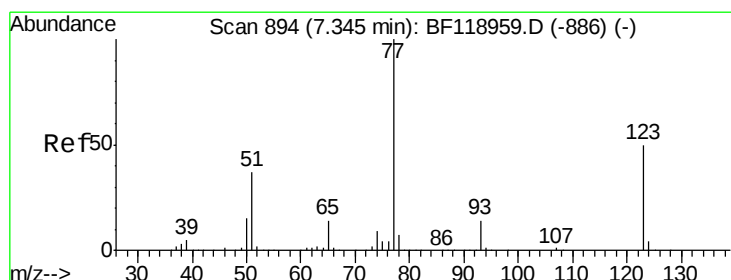
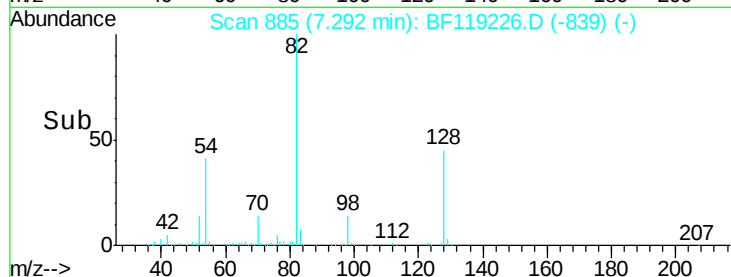
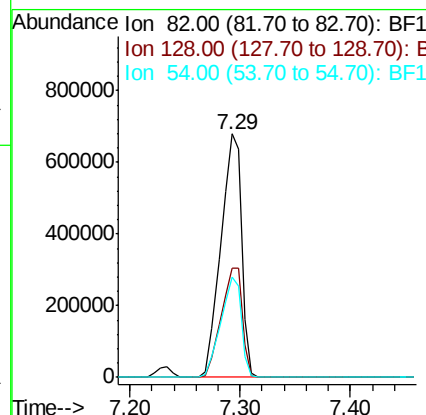
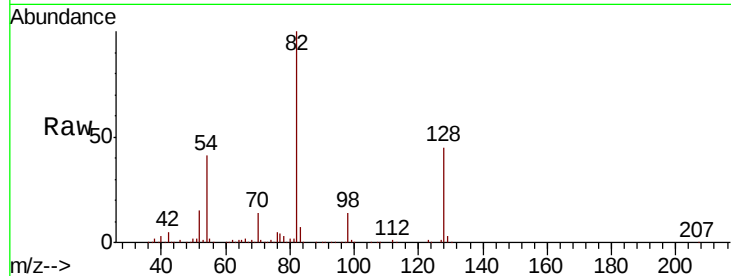
#23
Nitrobenzene-d5
Concen: 86.117 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	37.9	56.9	
54	41.2	33.4	50.2	

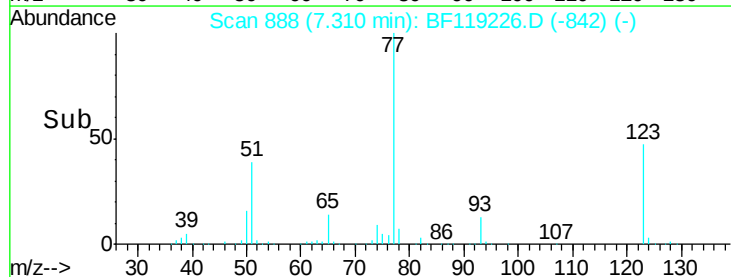
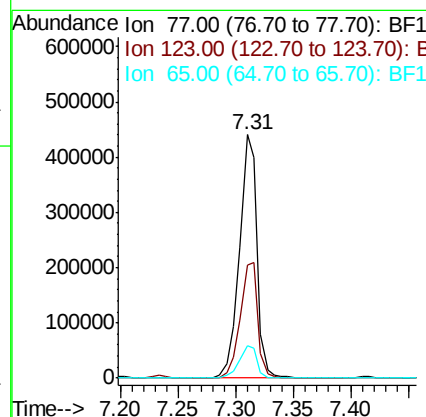
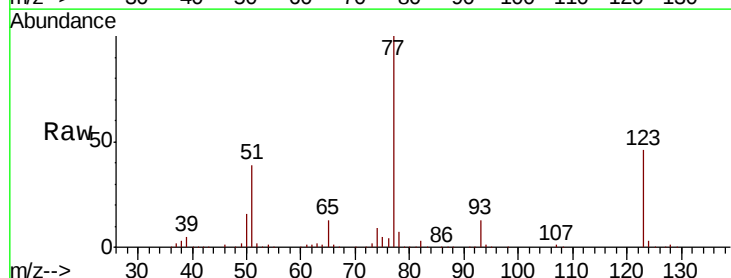
Manual Integrations
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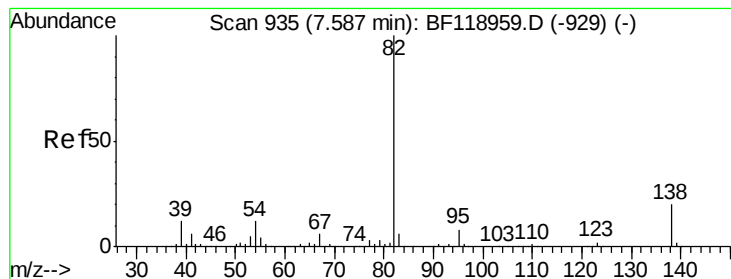
mohammad
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#24
Nitrobenzene
Concen: 45.300 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.03 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.4	40.2	60.2	
65	13.4	10.8	16.2	





#25

Isophorone

Concen: 47.593 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

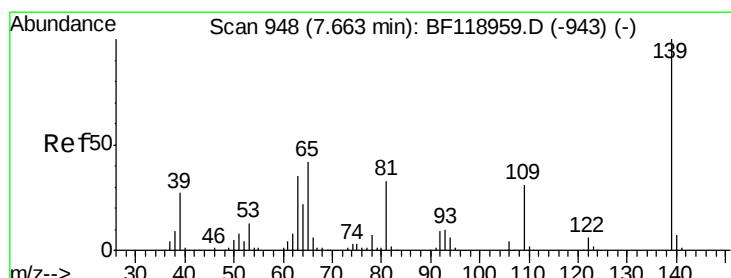
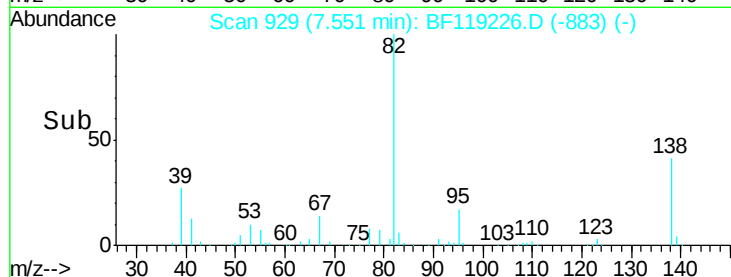
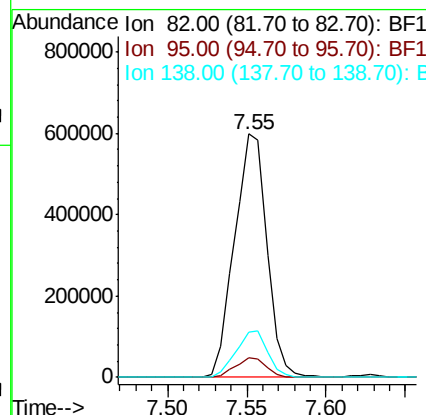
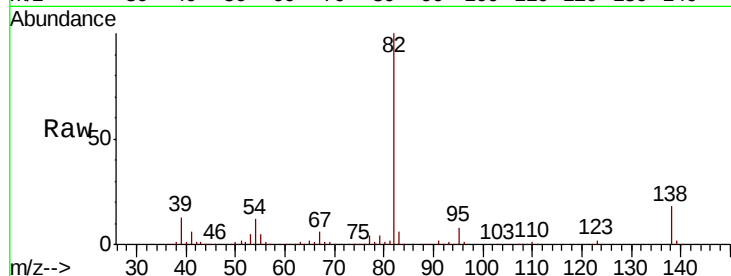
ClientSampleId :

PB127239BS

Tot Ion:	82	Resp:	847438
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.4	9.6
138	18.4	15.7	23.5

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#26

2-Nitrophenol

Concen: 47.026 ng

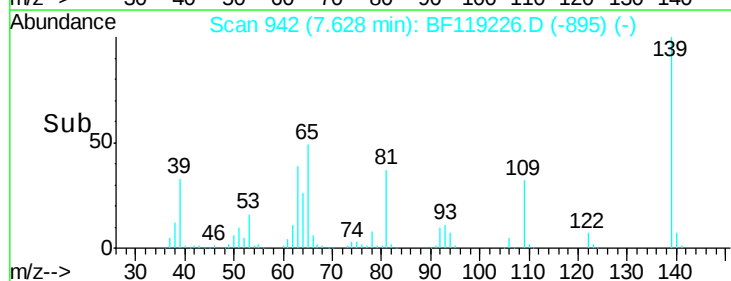
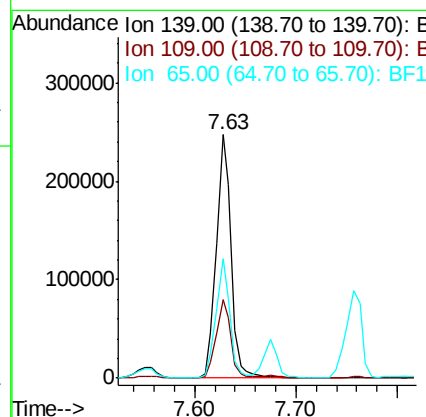
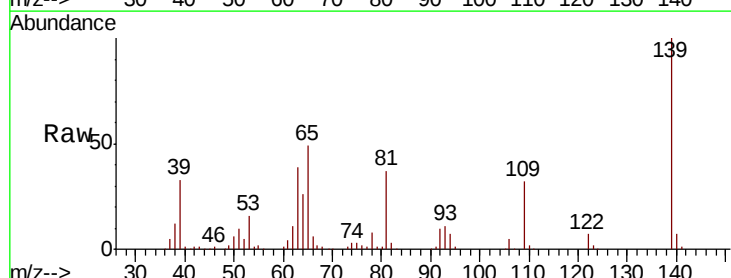
RT: 7.63 min Scan# 942

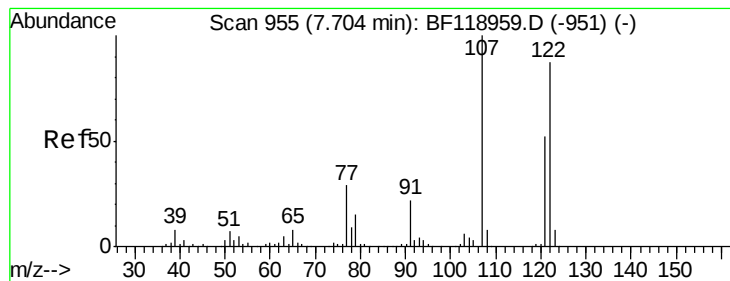
Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Tgt Ion:	139	Resp:	252623
Ion Ratio	Lower	Upper	
139	100		
109	32.0	25.7	38.5
65	49.3	37.1	55.7





#27

2,4-Dimethylphenol

Concen: 48.893 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

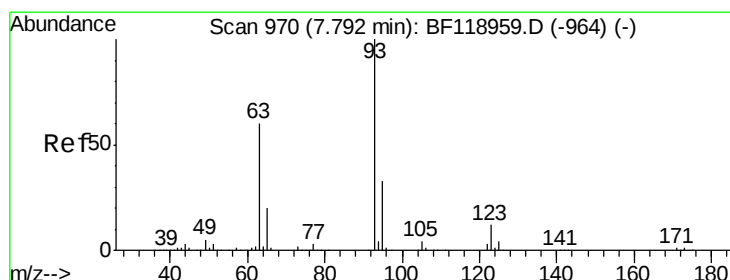
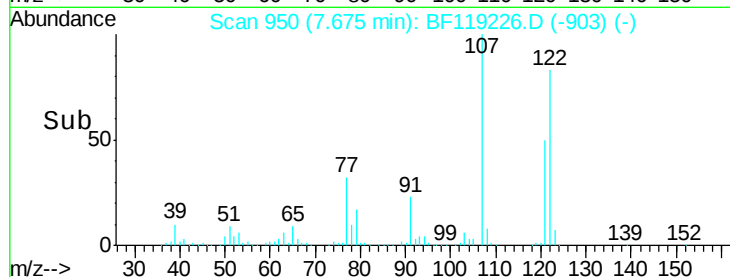
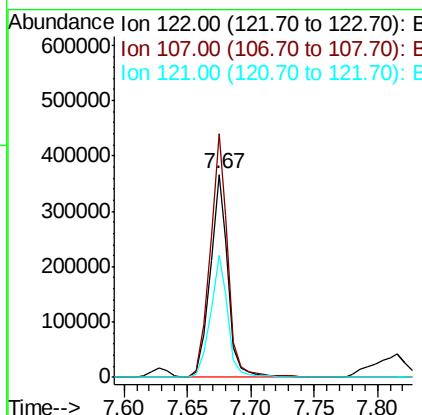
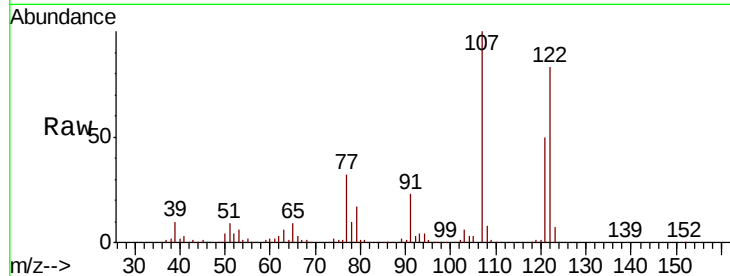
ClientSampleId :

PB127239BS

Tot Ion:	122	Resp:	356471
Ion Ratio	Lower	Upper	
122	100		
107	119.8	93.8	140.6
121	60.1	48.2	72.2

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#28

bis(2-Chloroethoxy)methane

Concen: 43.634 ng

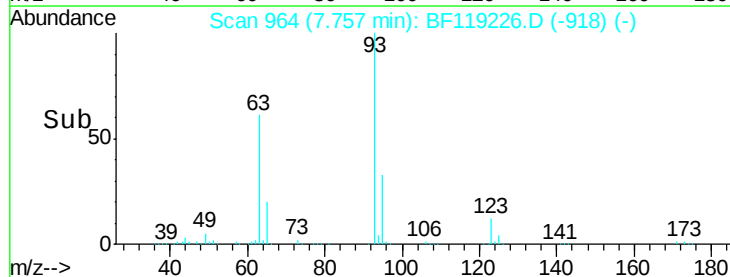
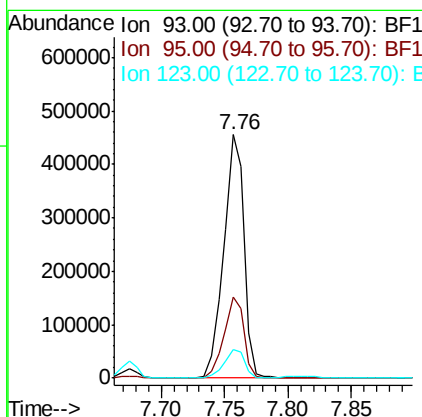
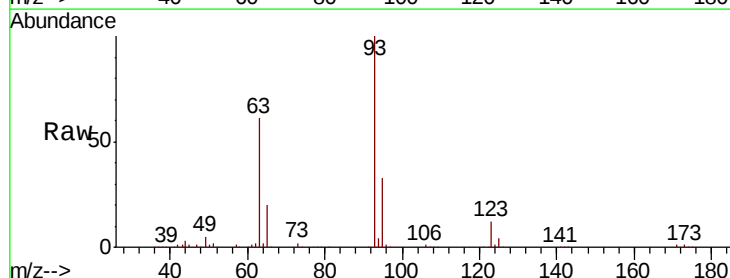
RT: 7.76 min Scan# 964

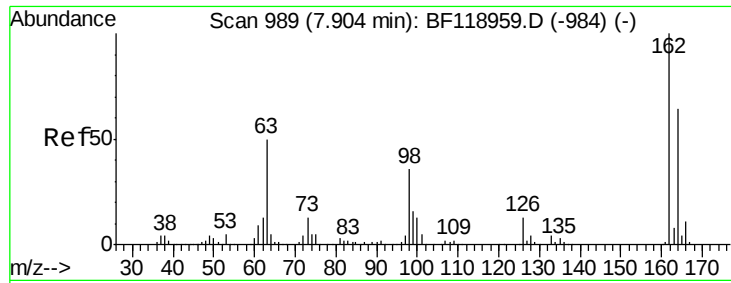
Delta R.T. -0.03 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Tgt Ion:	93	Resp:	505702
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.5	39.7
123	11.6	10.2	15.2





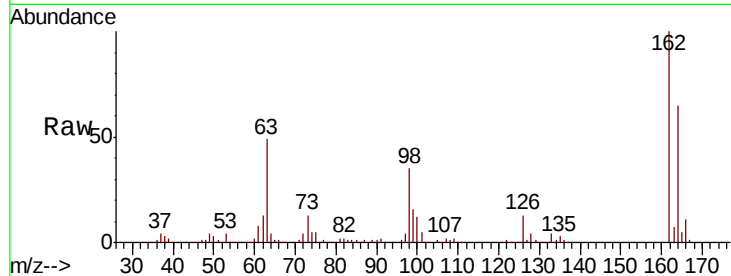
#29
2,4-Dichlorophenol
Concen: 45.431 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.9	45.2	85.2	
98	35.3	17.4	57.4	

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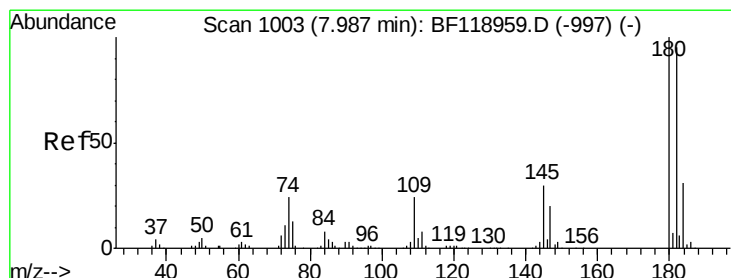
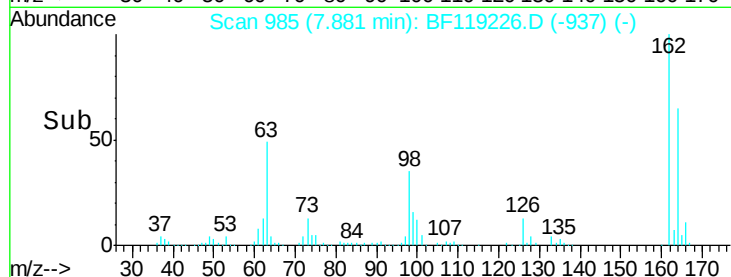
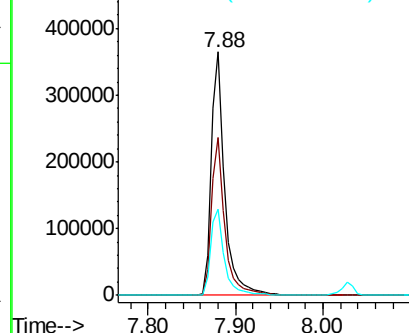


Abundance

Ion 162.00 (161.70 to 162.70): E

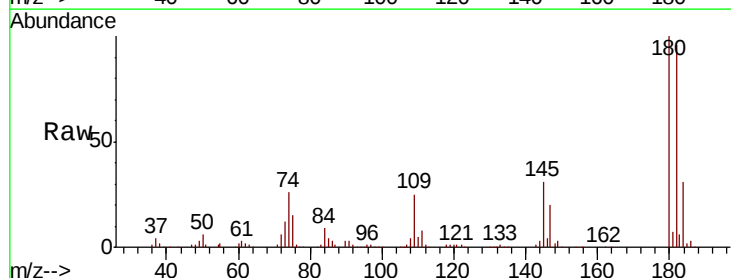
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.024 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	77.8	116.6	
145	31.5	25.2	37.8	

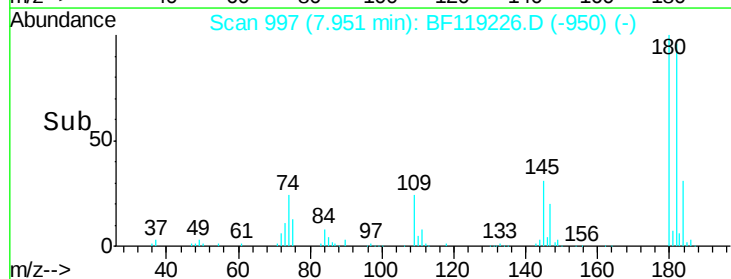
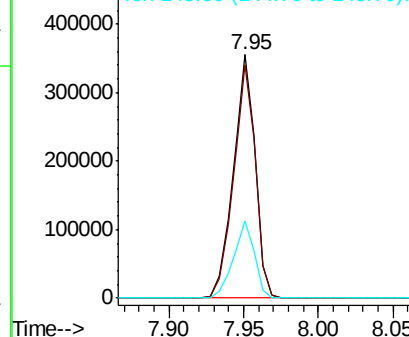


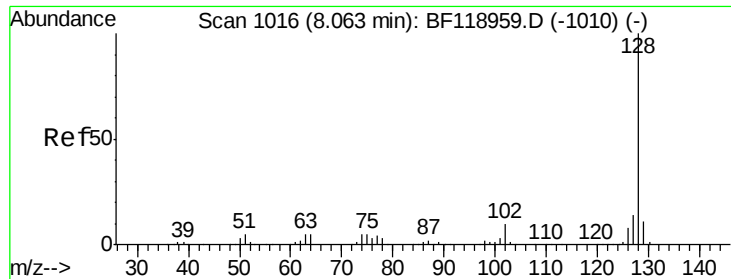
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





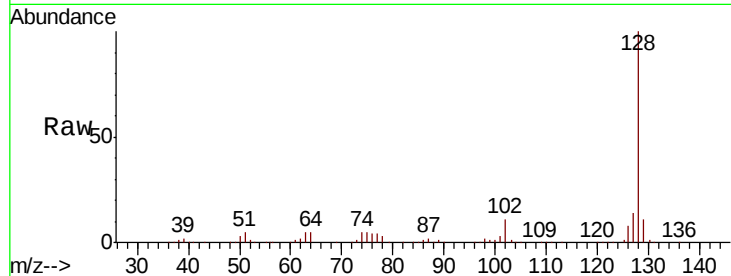
#31
Naphthalene
Concen: 41.407 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.7	11.4	17.2

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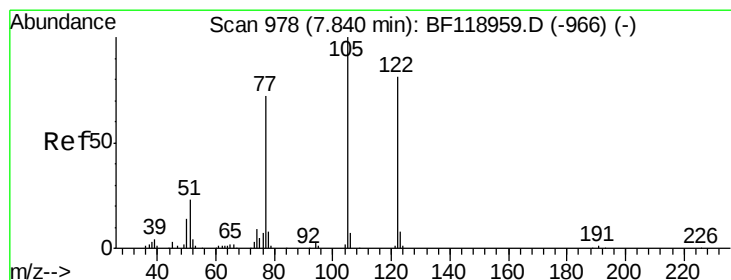
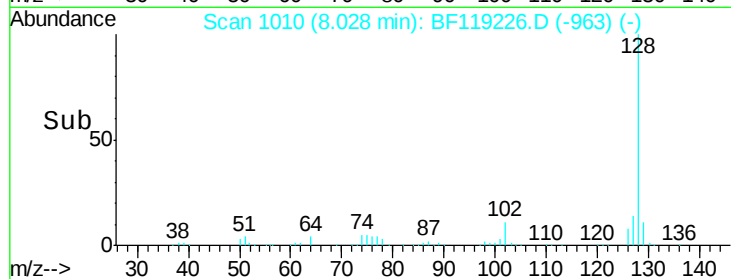
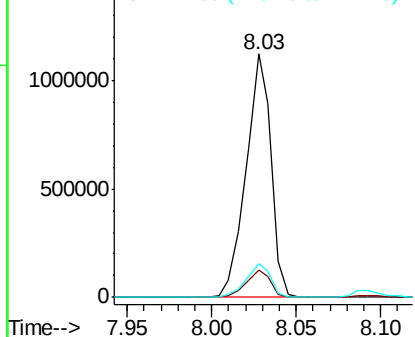


Abundance

Ion 128.00 (127.70 to 128.70): E

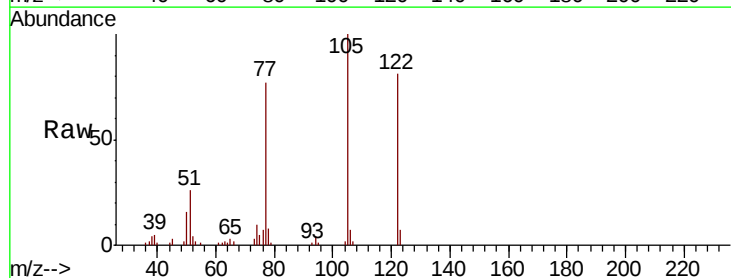
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 21.202 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.05 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.9	106.3	146.3
77	94.8	73.1	113.1

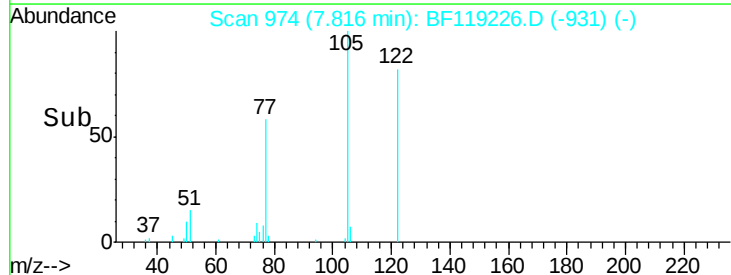
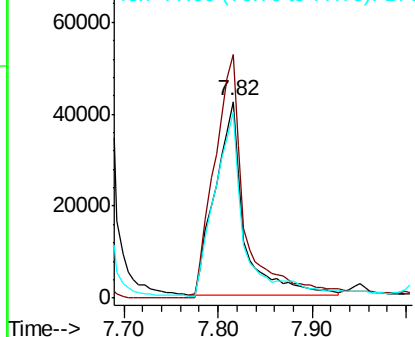


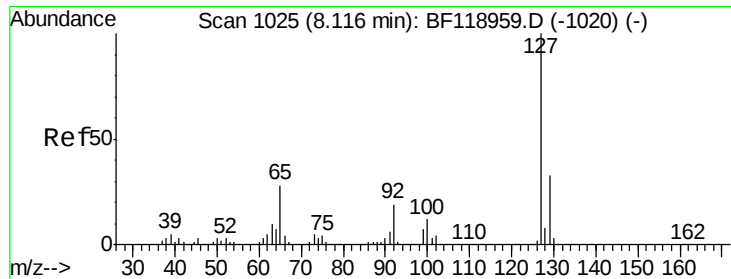
Abundance

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





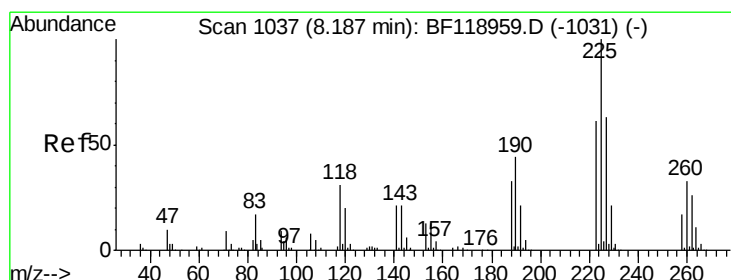
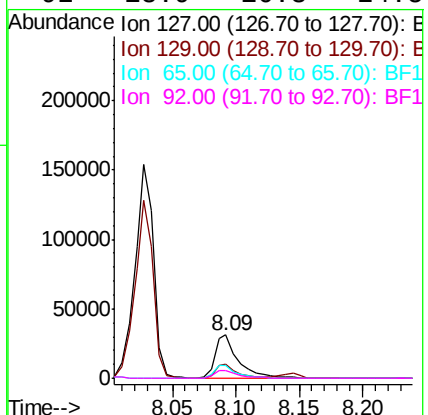
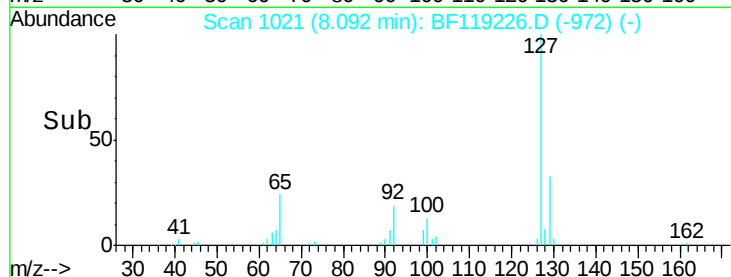
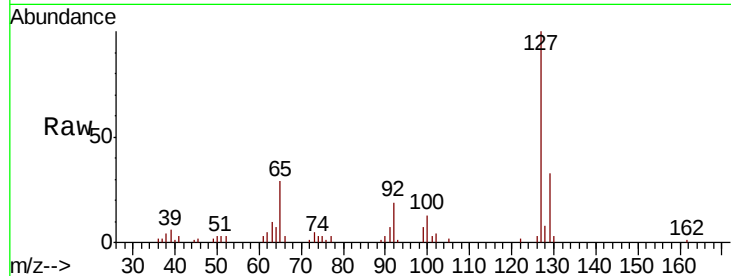
#33
4-Chloroaniline
Concen: 3.375 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	25.9	38.9		
65	28.6	23.9	35.9		
92	18.9	16.3	24.5		

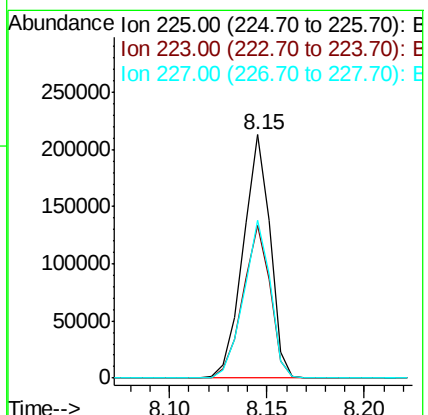
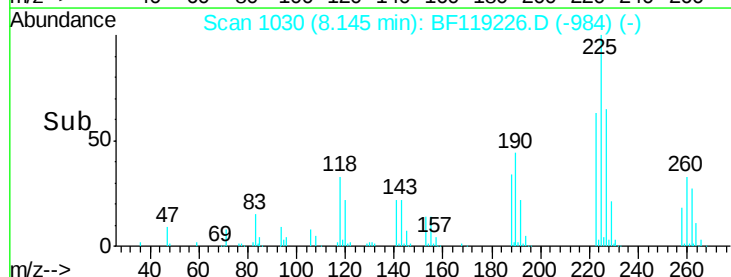
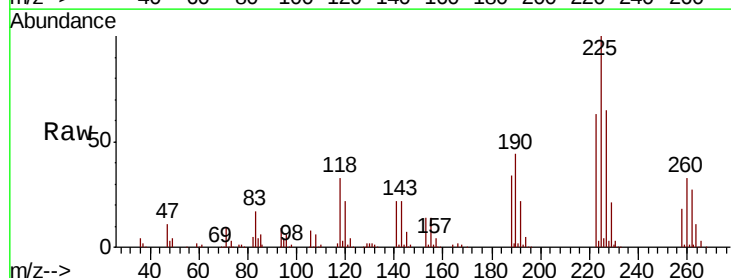
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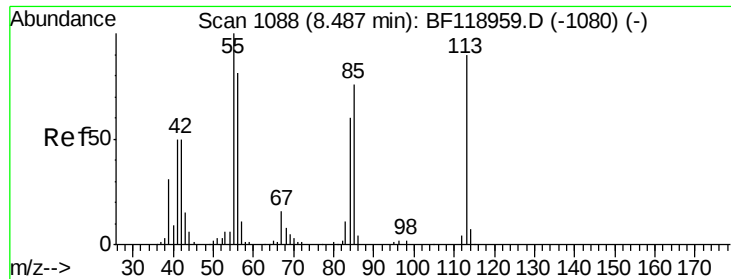
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#34
Hexachlorobutadiene
Concen: 32.209 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	49.4	74.2		
227	64.6	52.9	79.3		





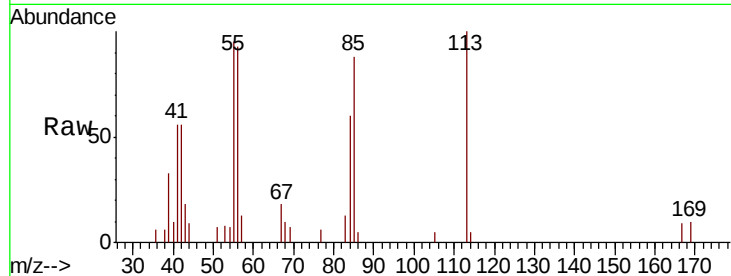
#35
 Caprolactam
 Concen: 7.409 ng m
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.03 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

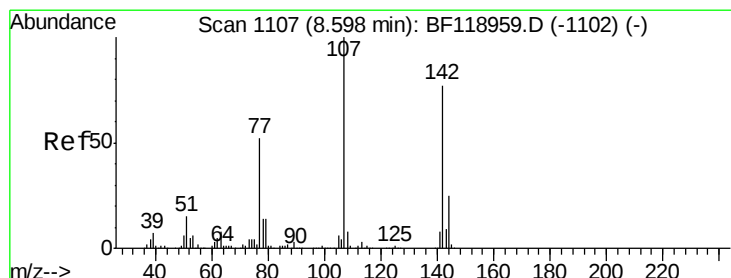
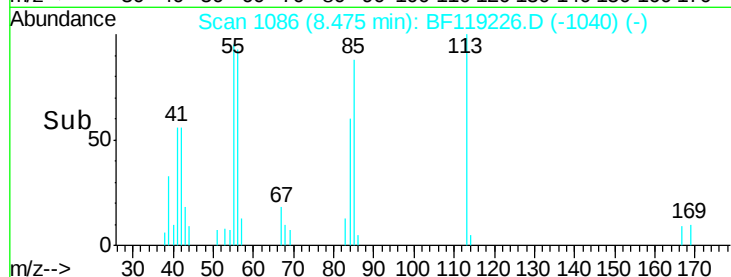
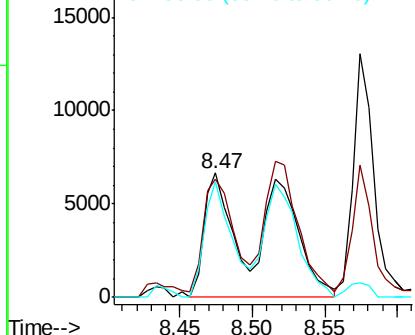
Tot Ion:113 Resp: 19582
 Ion Ratio Lower Upper
 113 100
 55 95.0 95.7 135.7#
 56 92.8 73.1 113.1

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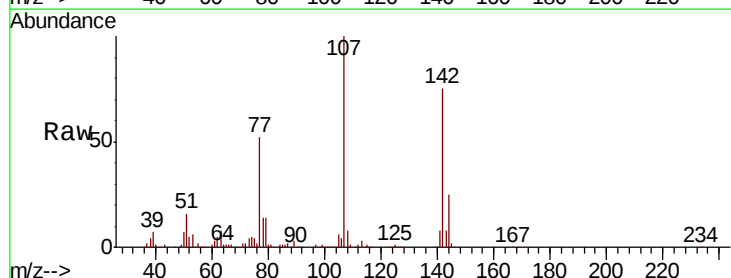


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

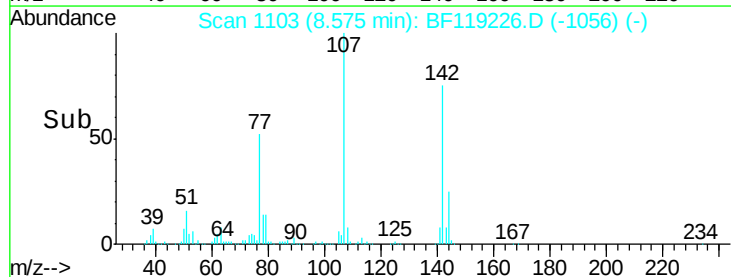
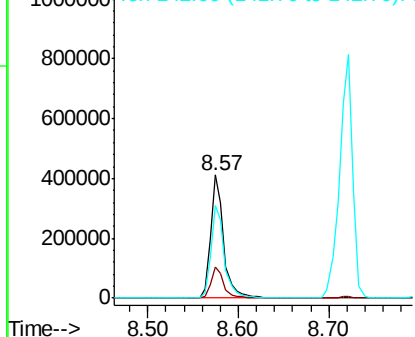


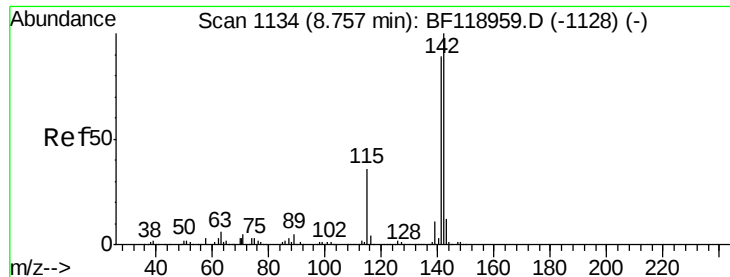
#36
 4-Chloro-3-methylphenol
 Concen: 47.848 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion:107 Resp: 415628
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.1 30.1
 142 75.1 61.4 92.2



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





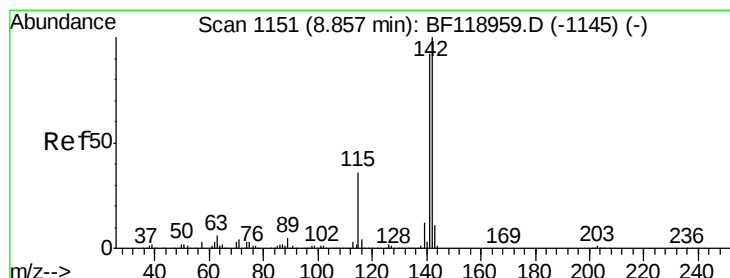
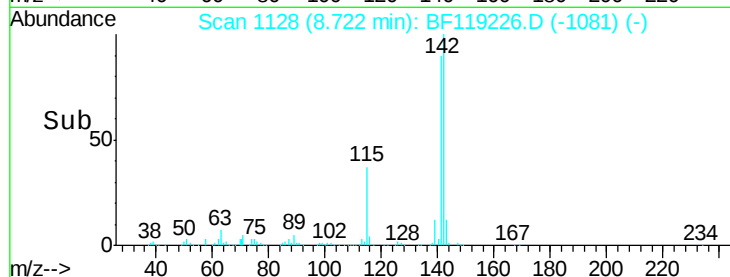
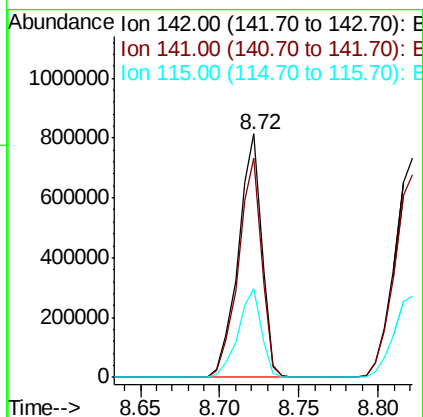
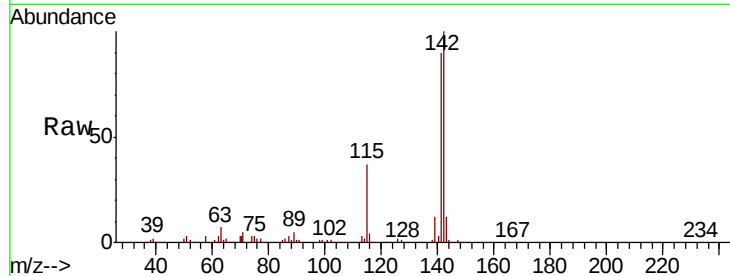
#37
2-Methylnaphthalene
Concen: 44.026 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleID :
PB127239BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.3	108.5
115	36.6	30.6	45.8

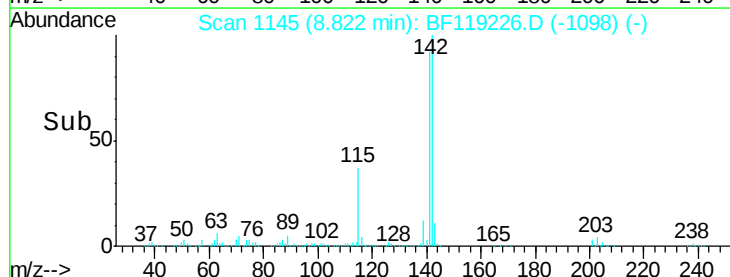
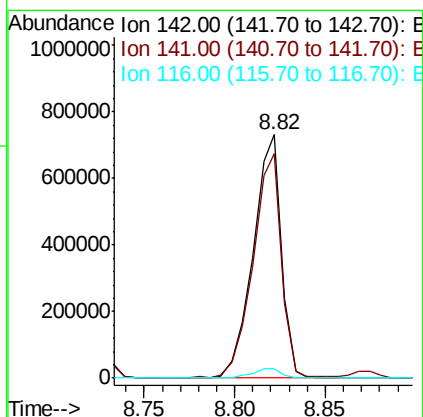
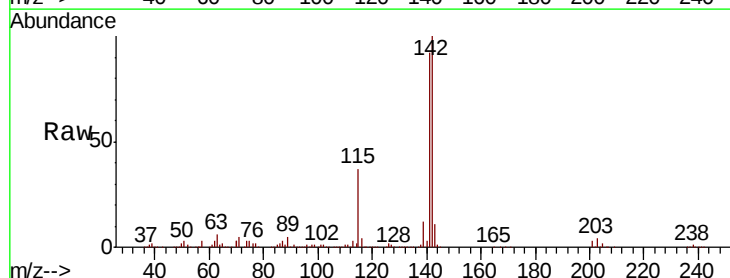
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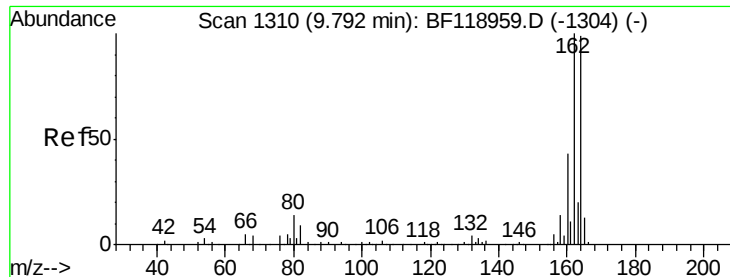
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#38
1-Methylnaphthalene
Concen: 44.224 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.8	113.6
116	3.8	3.1	4.7





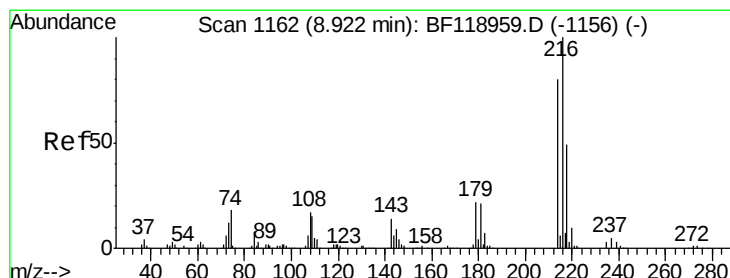
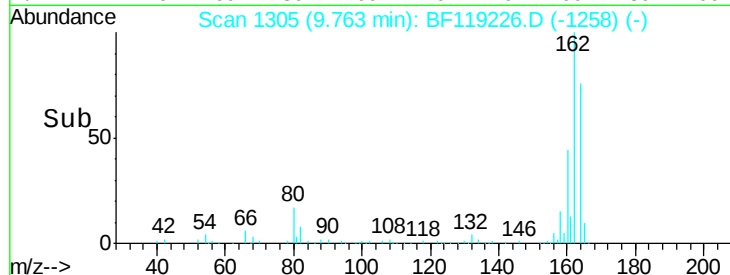
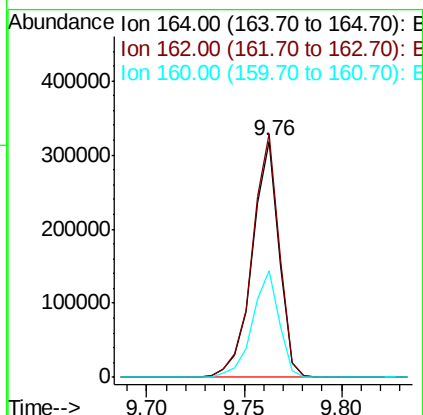
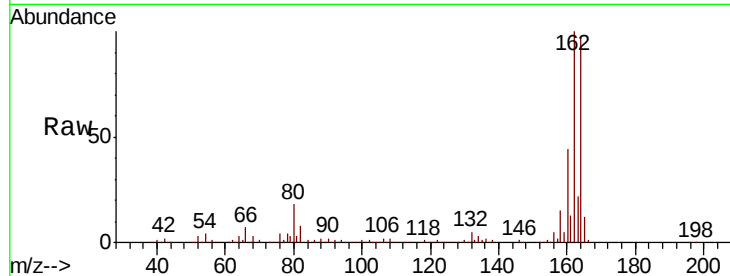
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.8	122.8
160	45.0	36.0	54.0

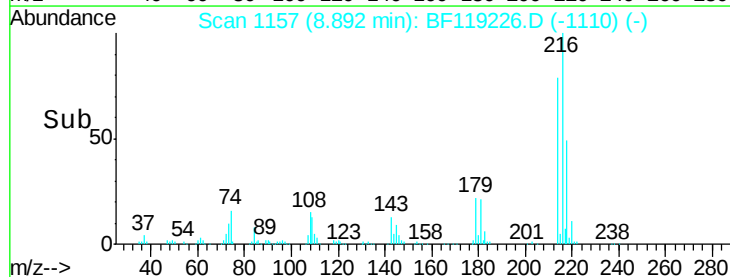
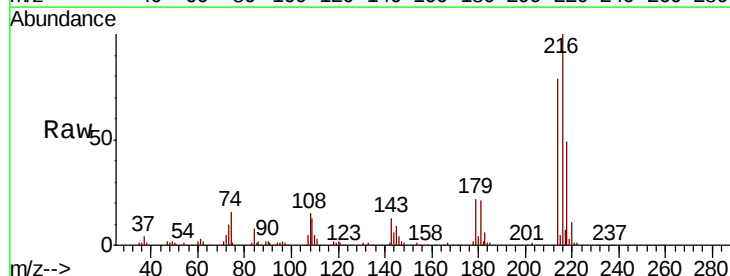
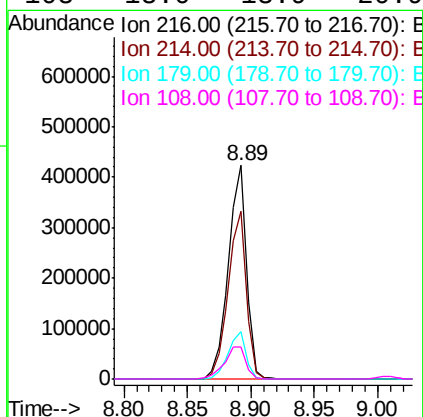
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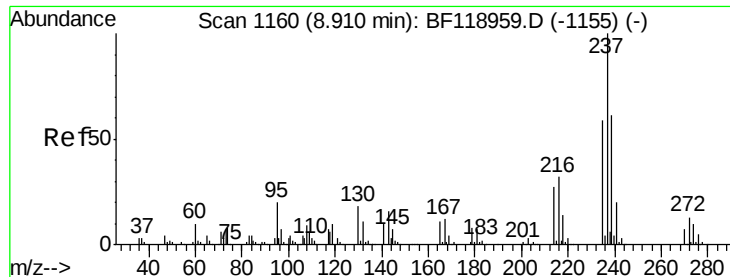
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.143 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	21.7	17.7	26.5
108	18.0	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 49.481 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

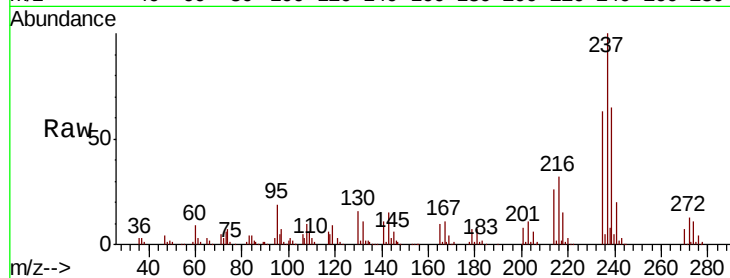
ClientSampleId :

PB127239BS

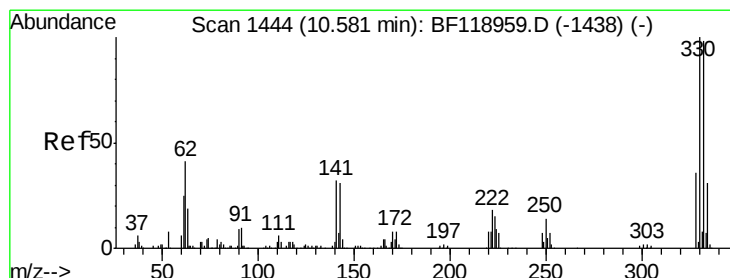
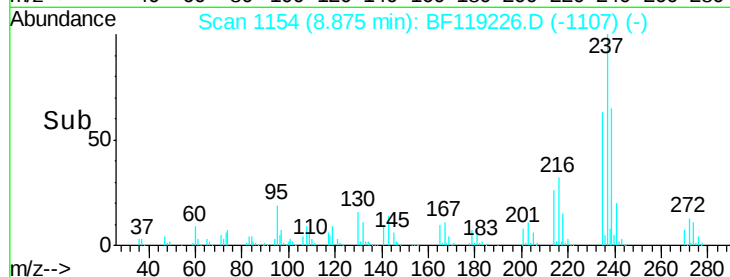
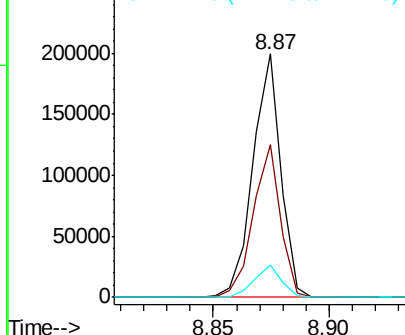
Tot Ion:	237	Resp:	168279
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.3	82.3
272	13.3	0.0	33.5

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



#42

2,4,6-Tribromophenol

Concen: 128.499 ng

RT: 10.56 min Scan# 1440

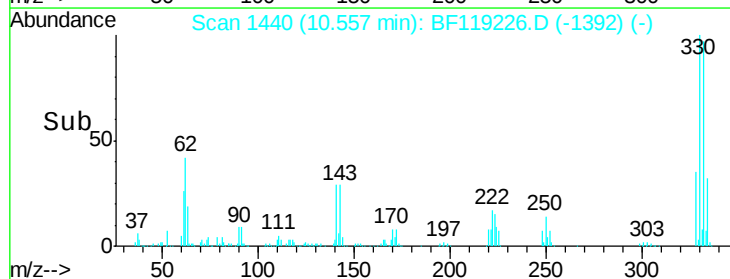
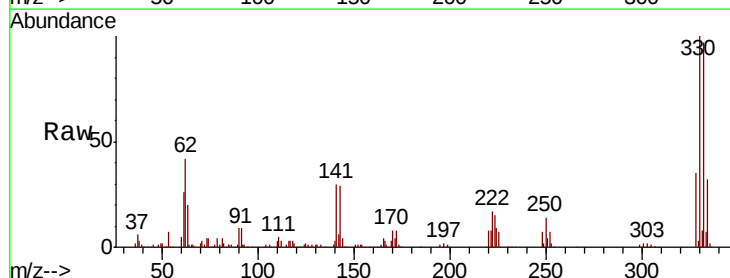
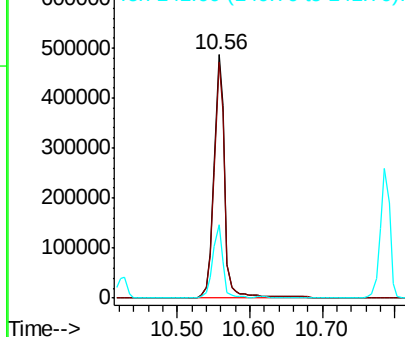
Delta R.T. -0.02 min

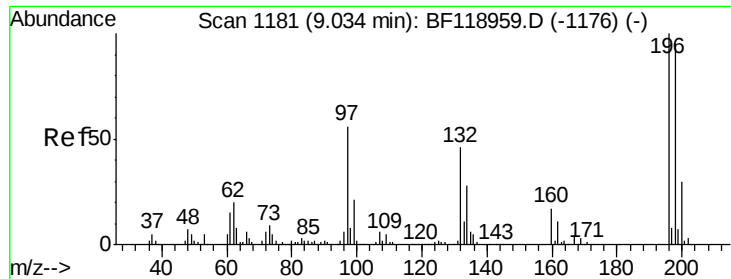
Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Tgt Ion:	330	Resp:	507469
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.0	114.0
141	28.4	22.9	34.3

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





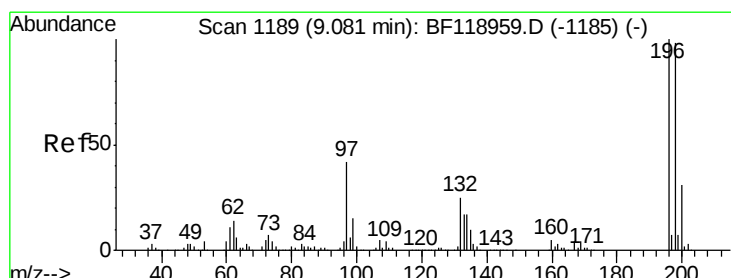
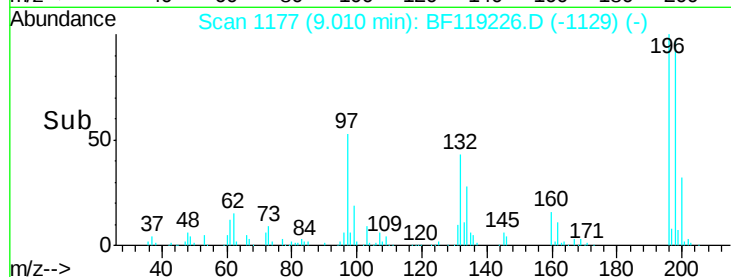
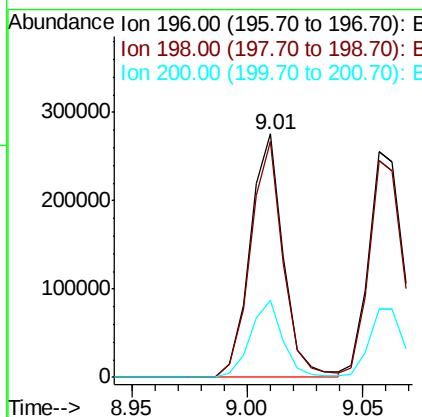
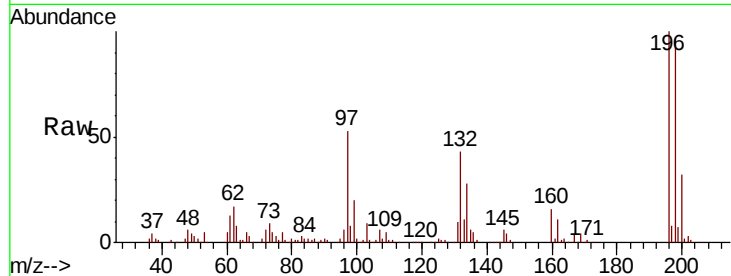
#43
 2,4,6-Trichlorophenol
 Concen: 43.076 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	276877		
198	96.7	77.1	115.7	
200	31.7	25.0	37.6	

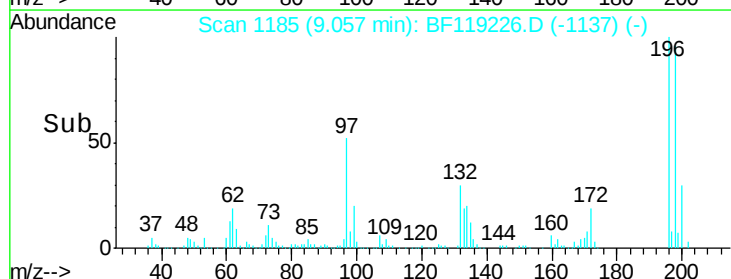
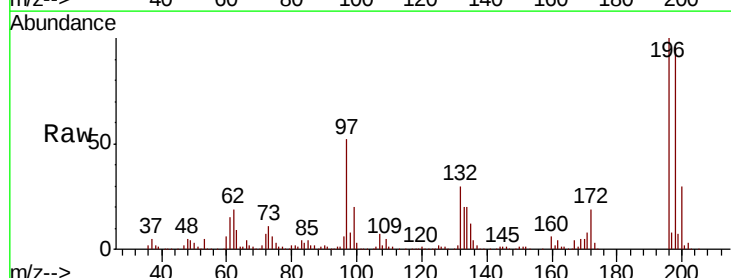
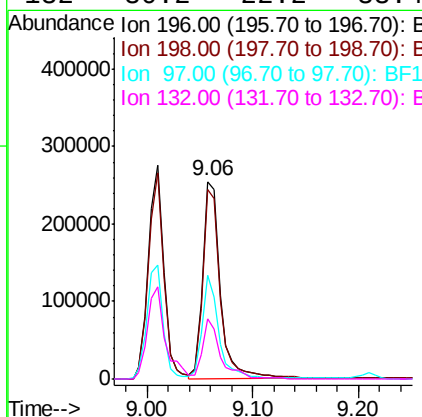
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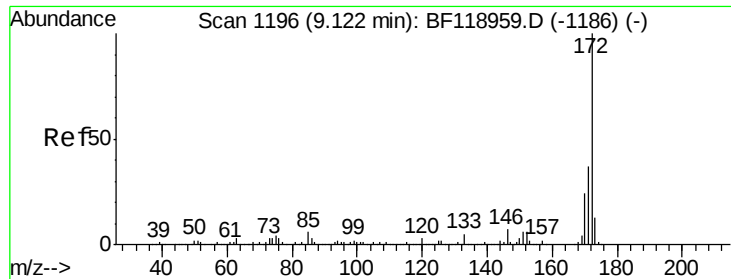
mohammad
 3/9/2020 8:27:27 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.670 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	294545		
198	96.0	76.8	115.2	
97	52.3	38.5	57.7	
132	30.2	22.2	33.4	





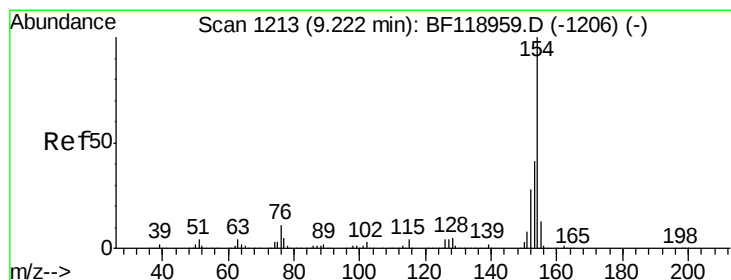
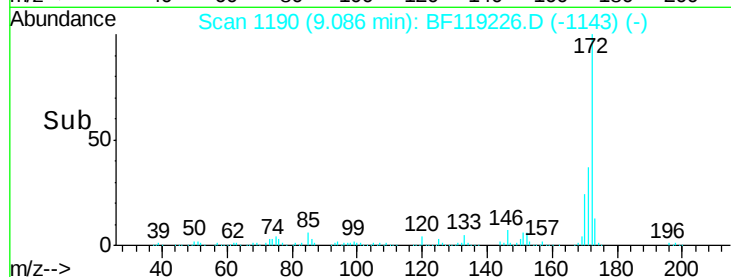
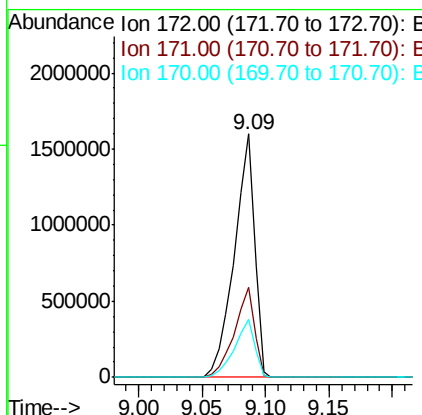
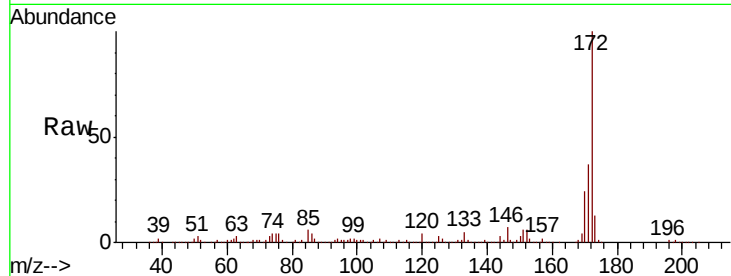
#45
2-Fluorobiphenyl
Concen: 85.587 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion:172 Resp: 1753882
Ion Ratio Lower Upper
172 100
171 37.0 30.6 45.8
170 24.1 20.2 30.2

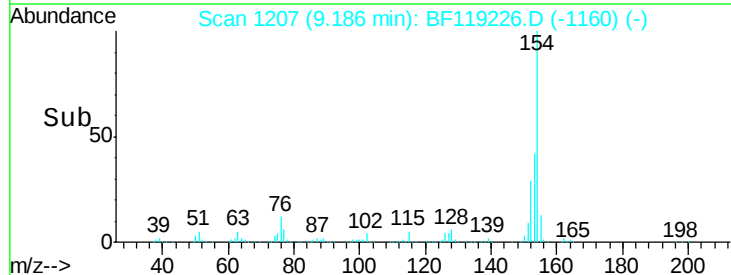
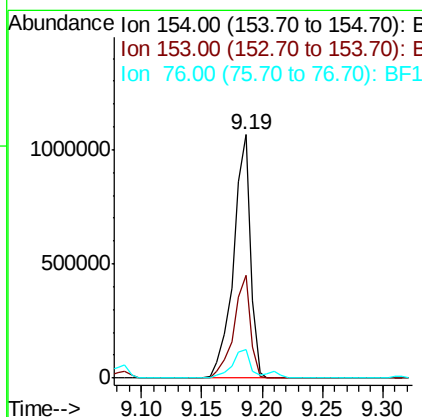
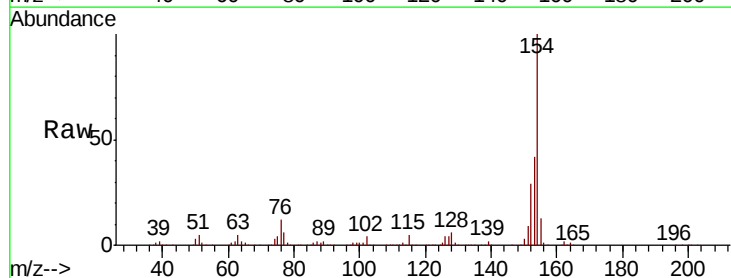
Manual Integrations
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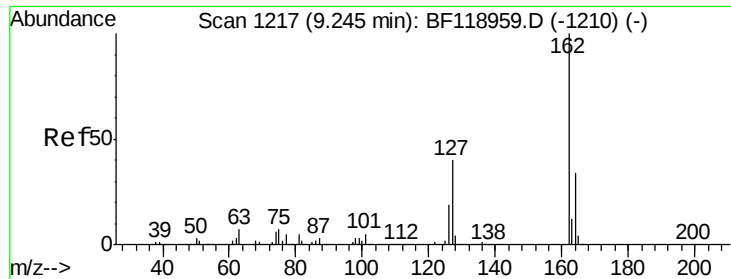
mohammad
3/9/2020 8:27:27 AM



#46
1,1'-Biphenyl
Concen: 42.849 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion:154 Resp: 1045461
Ion Ratio Lower Upper
154 100
153 42.0 22.8 62.8
76 11.7 0.0 32.2





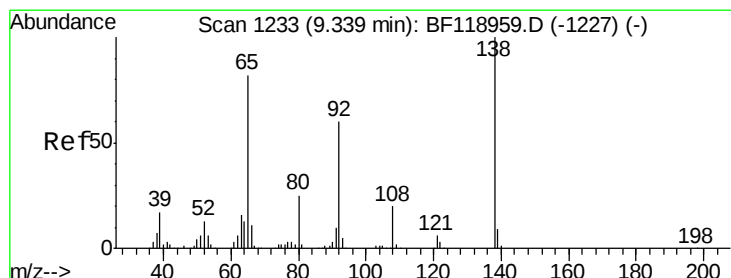
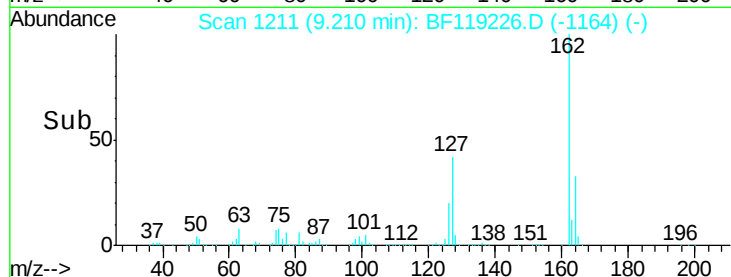
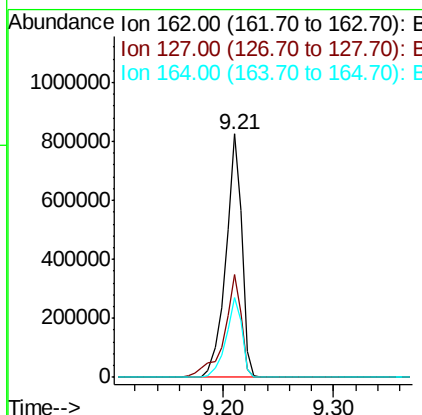
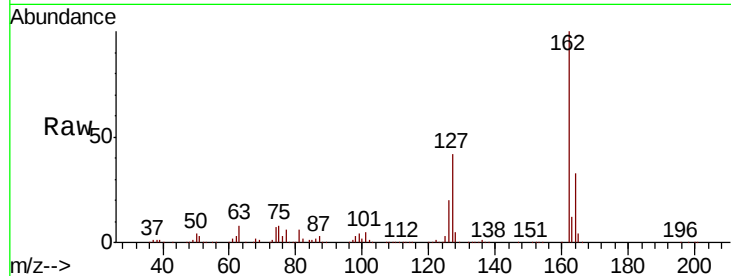
#47
2-Chloronaphthalene
Concen: 42.347 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	35.0	52.4
164	32.6	27.2	40.8

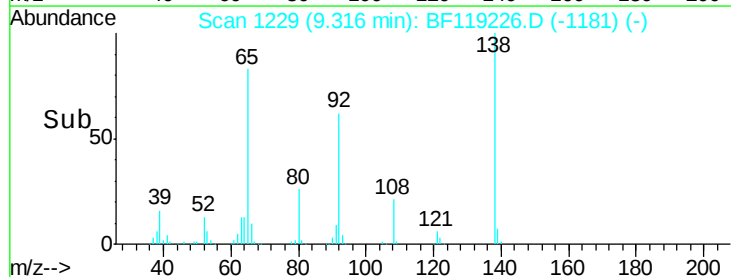
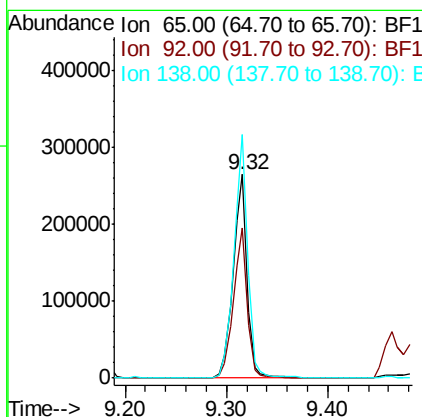
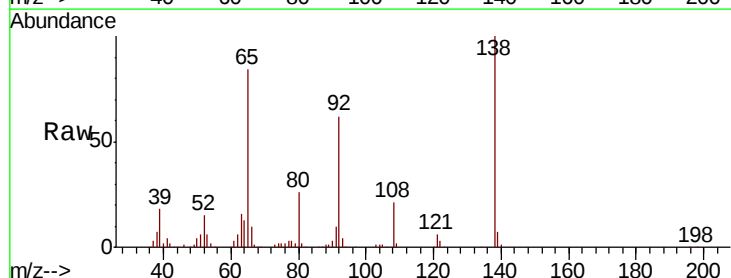
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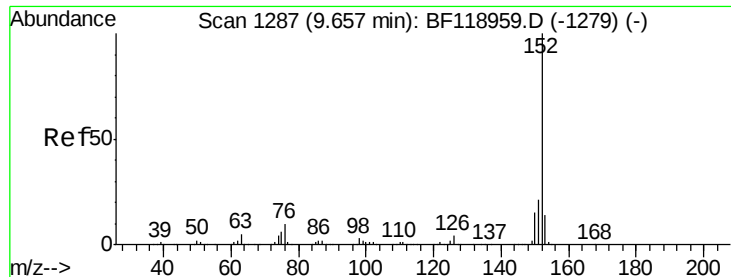
mohammad
3/9/2020 8:27:27 AM



#48
2-Nitroaniline
Concen: 46.299 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	58.2	87.2
138	119.7	95.6	143.4





#49

Acenaphthylene

Concen: 45.153 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampleId :

PB127239BS

Tot Ion:152 Resp: 1282206

Ion Ratio Lower Upper

152 100

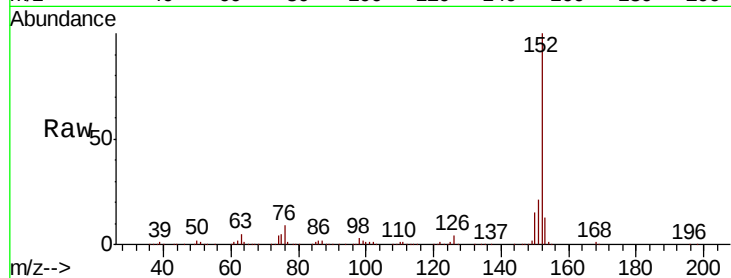
151 20.8 16.9 25.3

153 13.2 11.0 16.6

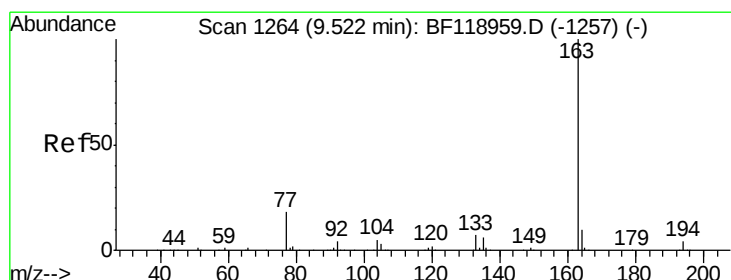
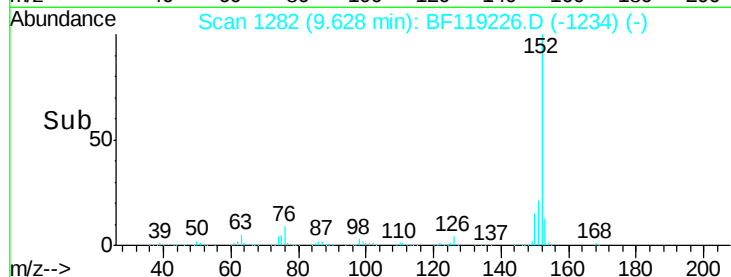
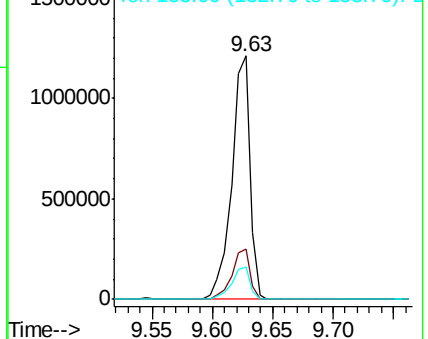
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.287 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

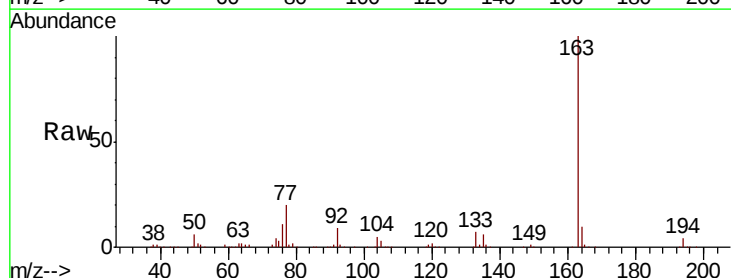
Tgt Ion:163 Resp: 1068523

Ion Ratio Lower Upper

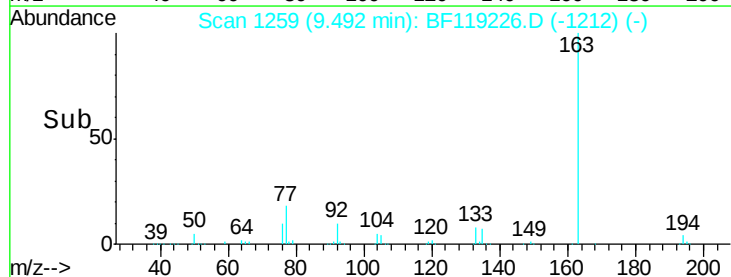
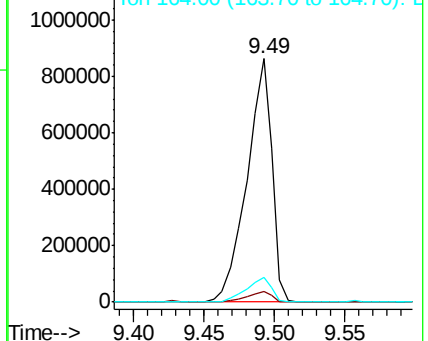
163 100

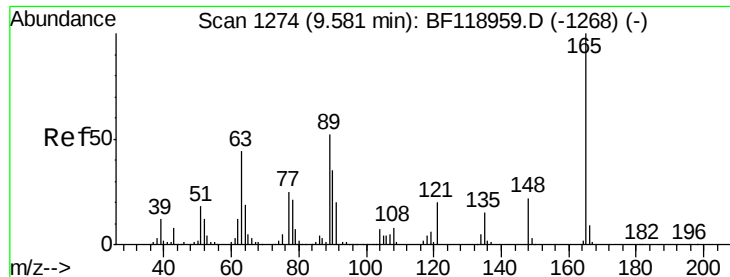
194 4.1 3.5 5.3

164 10.3 8.4 12.6



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





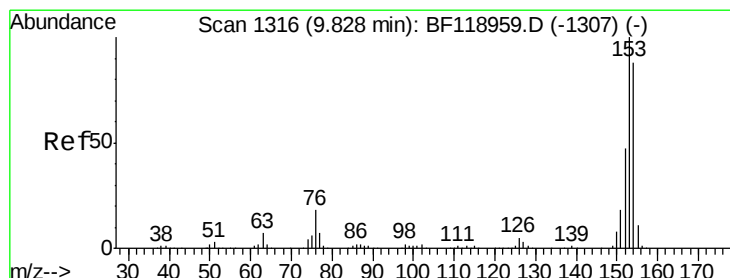
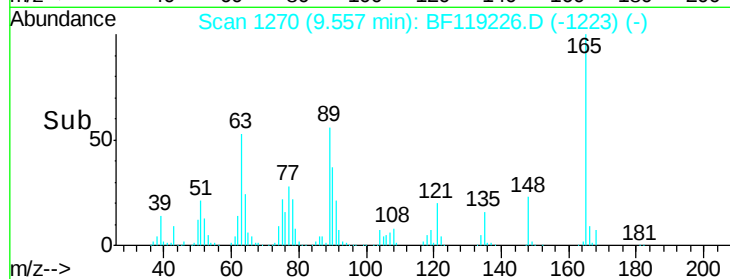
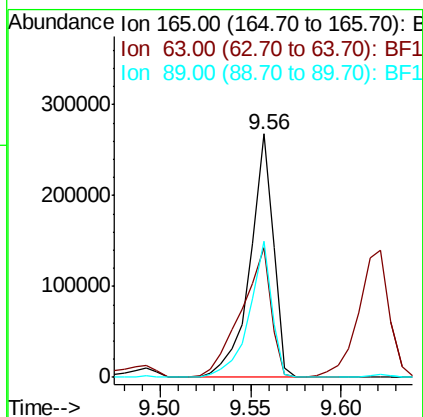
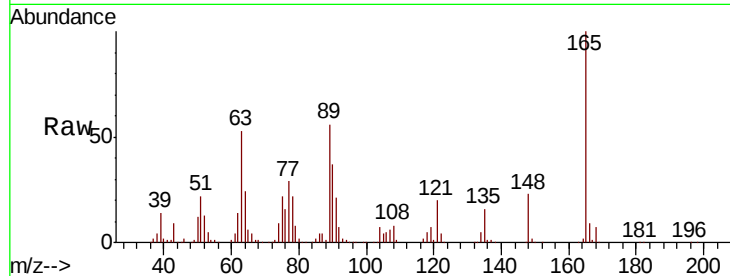
#51
2,6-Dinitrotoluene
Concen: 46.780 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	239924		
63	53.2		34.3	51.5#
89	55.9		38.3	57.5

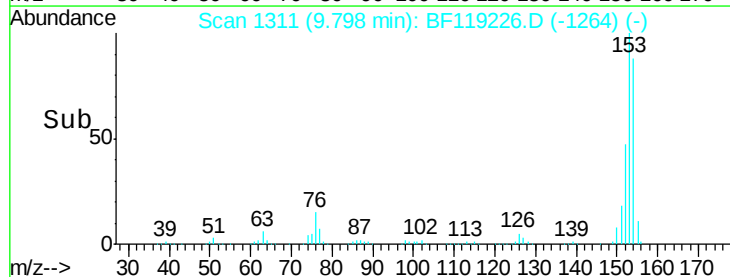
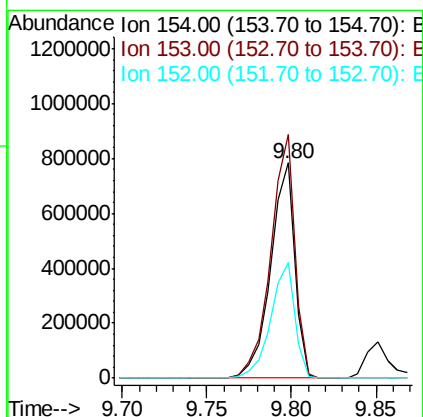
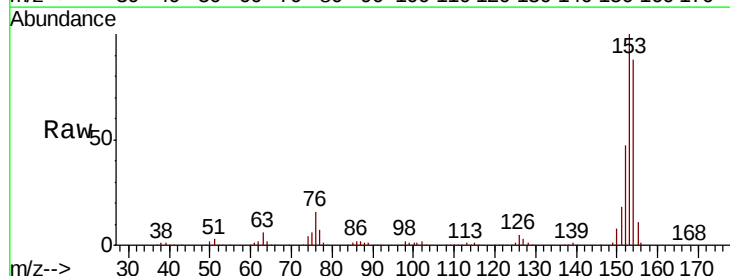
Manual Integrations
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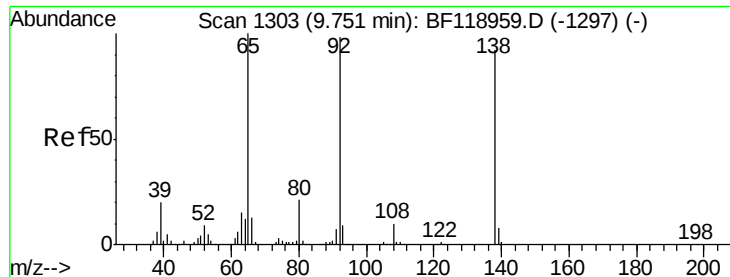
mohammad
3/9/2020 8:27:27 AM



#52
Acenaphthene
Concen: 44.872 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	768349		
153	113.1		90.3	135.5
152	53.6		43.8	65.8





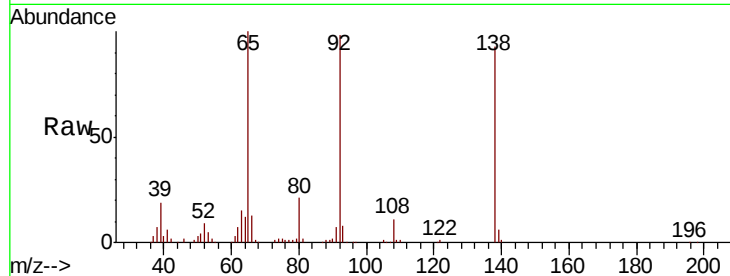
#53
3-Nitroaniline
Concen: 22.492 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

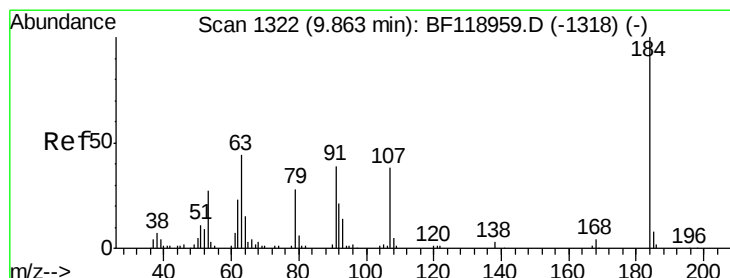
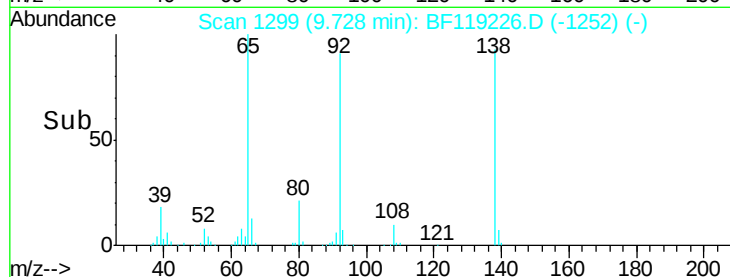
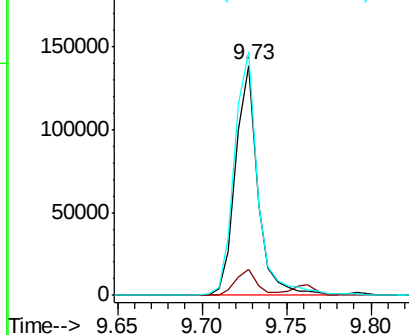
Tot Ion	Ratio	Resp	Lower	Upper
138	100	127883		
108	11.5	8.8	13.2	
92	105.9	84.8	127.2	

Manual Integrations
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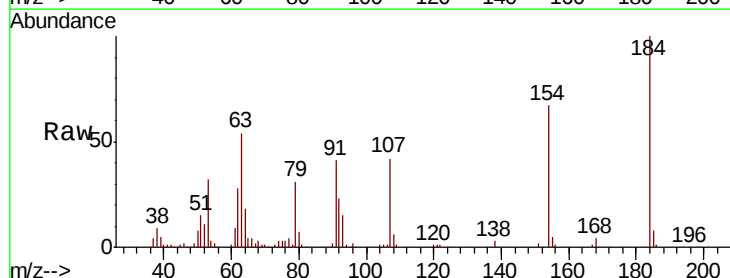


Abundance Ion 138.00 (137.70 to 138.70): E
200000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

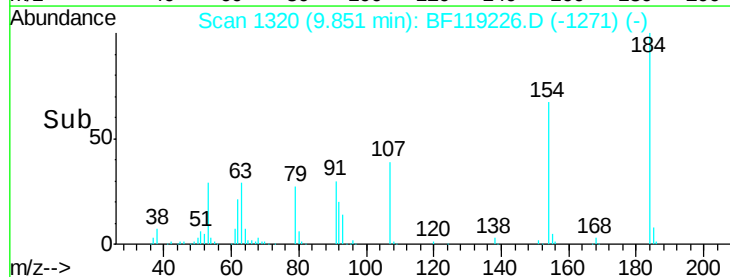
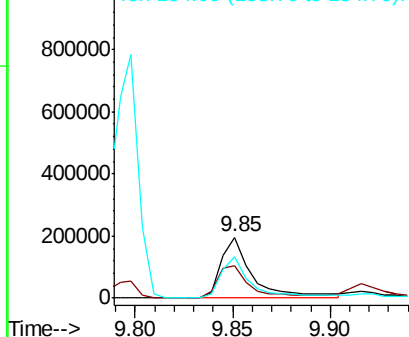


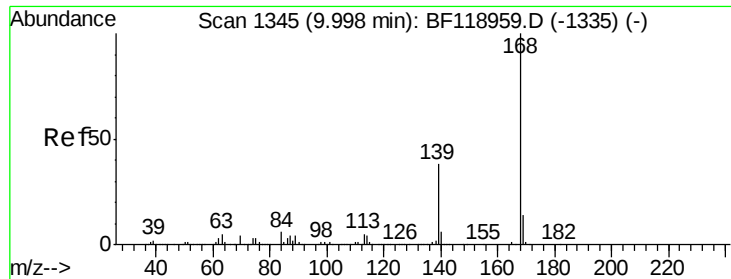
#54
2,4-Dinitrophenol
Concen: 88.376 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	222445		
63	54.1	38.7	58.1	
154	67.0	49.7	74.5	



Abundance Ion 184.00 (183.70 to 184.70): E
1000000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





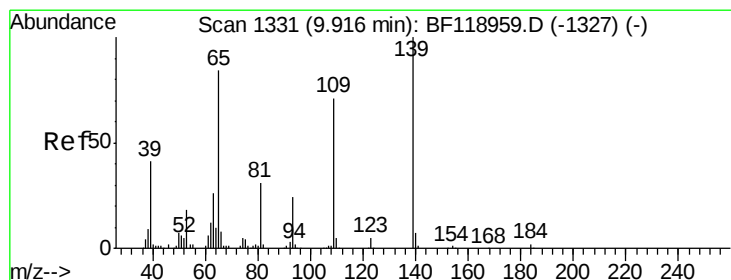
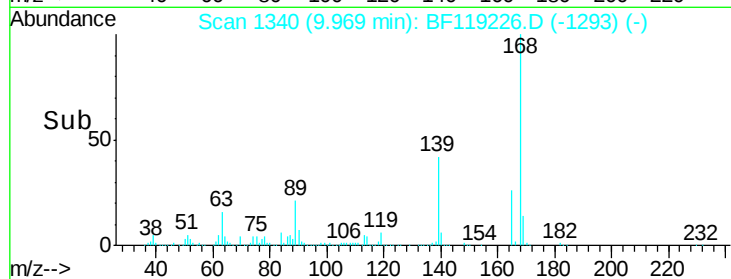
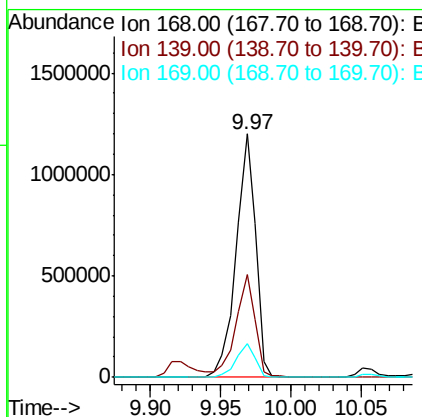
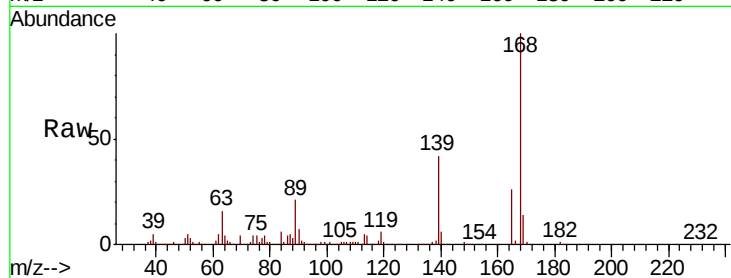
#55
Dibenzenofuran
Concen: 44.985 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.1	34.0	51.0
169	13.6	11.0	16.4

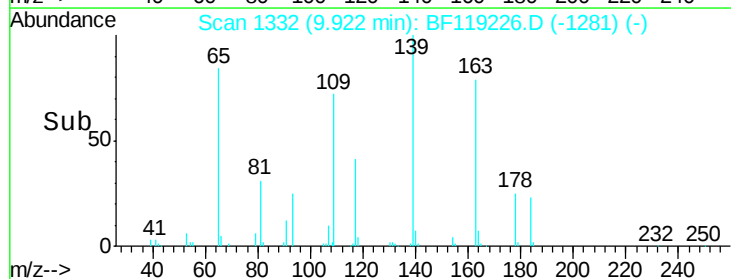
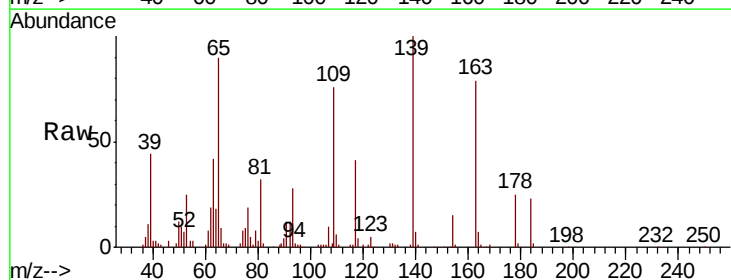
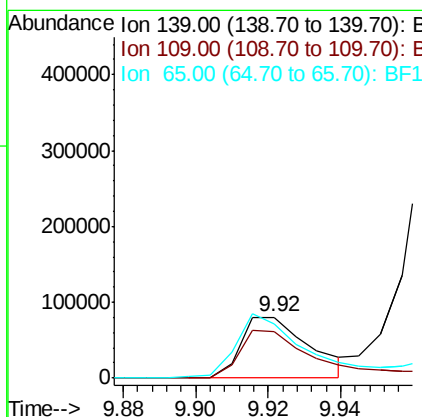
Manual Integrations
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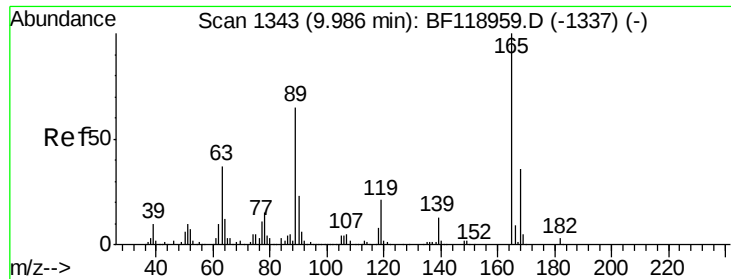
mohammad
3/9/2020 8:27:27 AM



#56
4-Nitrophenol
Concen: 30.615 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.6	56.7	96.7
65	89.7	65.0	105.0





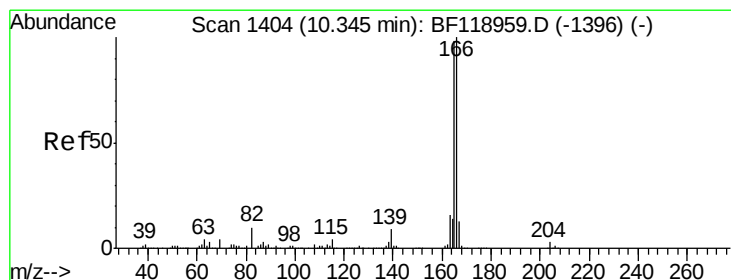
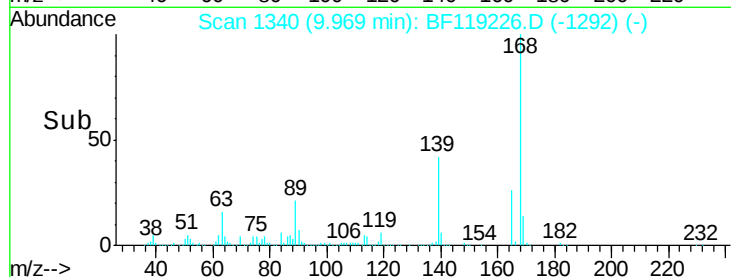
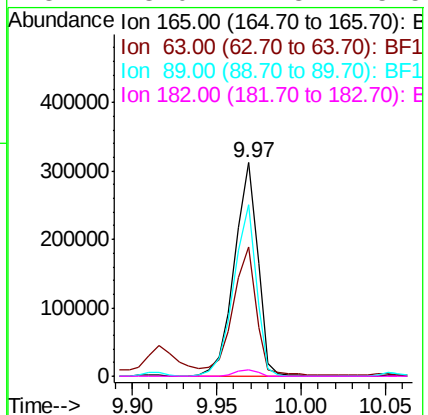
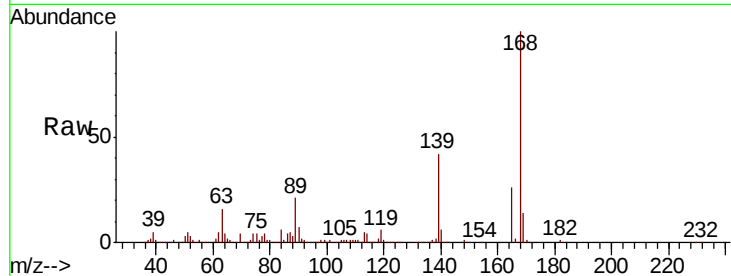
#57
2,4-Dinitrotoluene
Concen: 45.326 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	301321		
63	60.6	42.3	63.5	
89	80.1	60.2	90.4	
182	3.0	2.3	3.5	

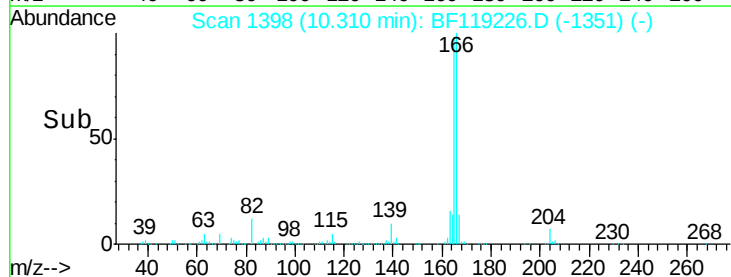
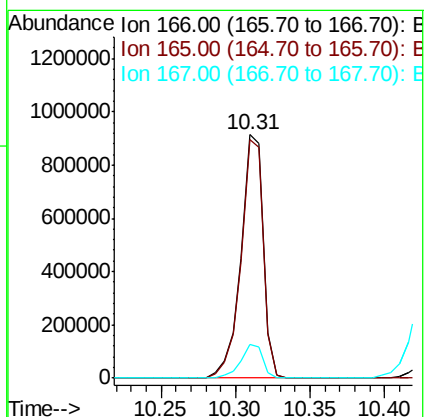
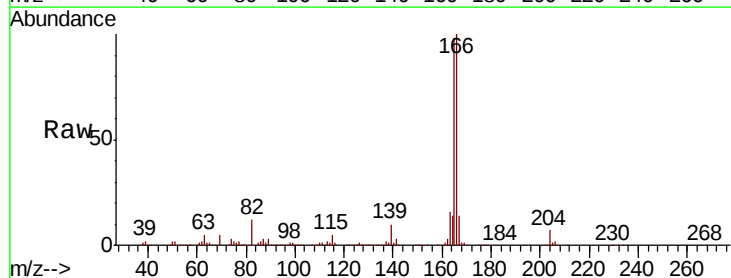
Manual Integrations
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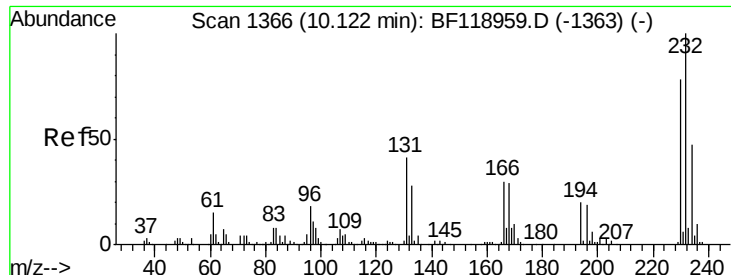
mohammad
3/9/2020 8:27:27 AM



#58
Fluorene
Concen: 47.622 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	945766		
165	98.0	78.5	117.7	
167	13.6	11.0	16.4	





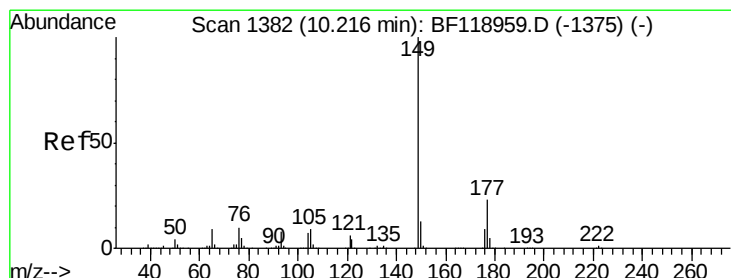
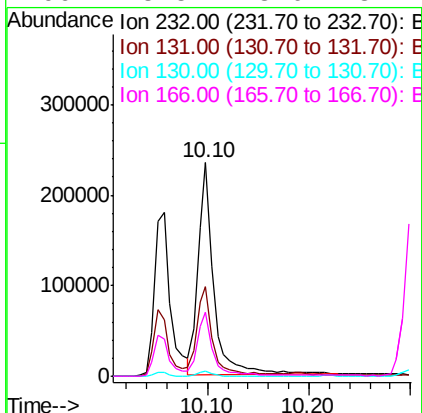
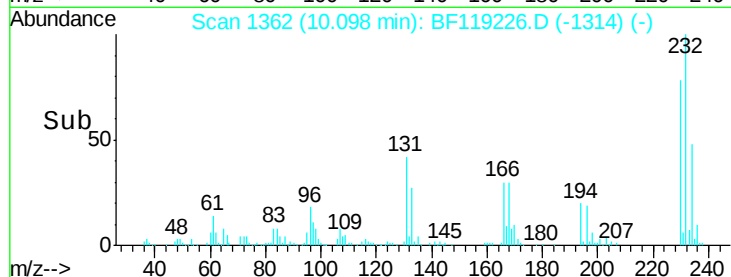
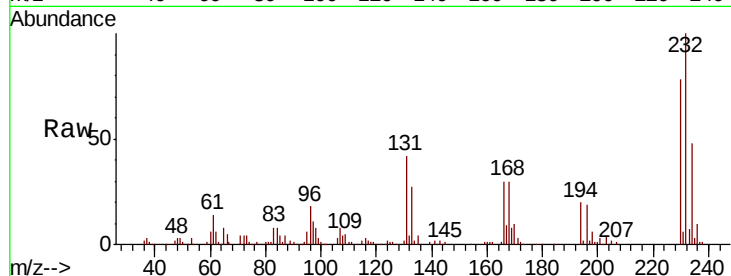
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.140 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		251211		
131	43.7	33.8	50.8		
130	2.4	1.8	2.6		
166	28.5	23.0	34.4		

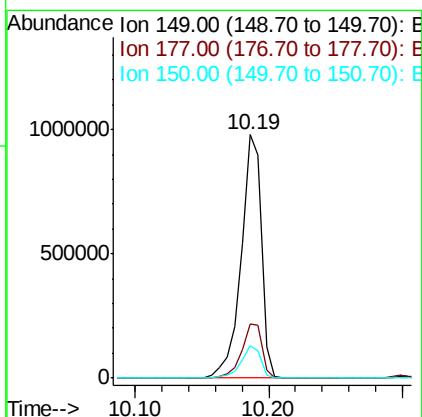
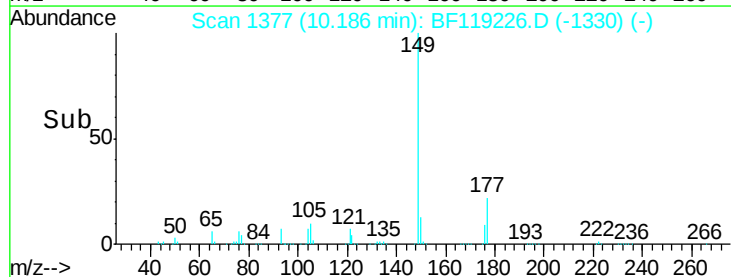
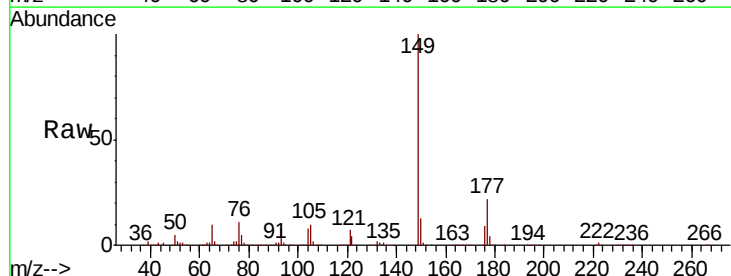
Manual Integrations
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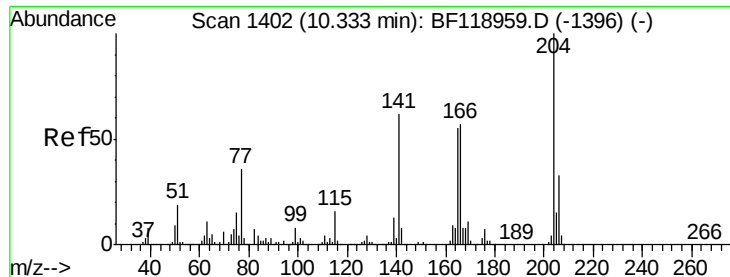
mohammad
3/9/2020 8:27:27 AM



#60
Diethylphthalate
Concen: 47.110 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1024866		
177	22.3	18.2	27.2		
150	13.3	10.5	15.7		





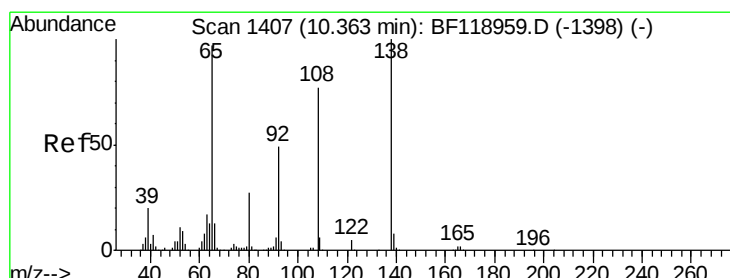
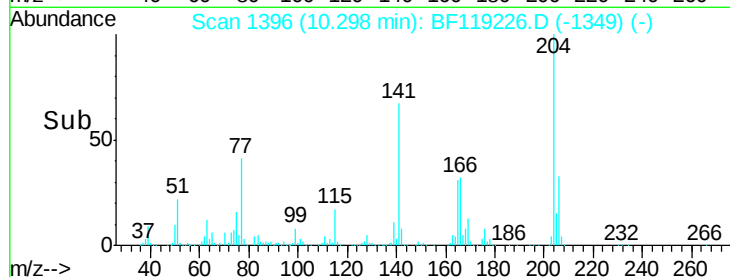
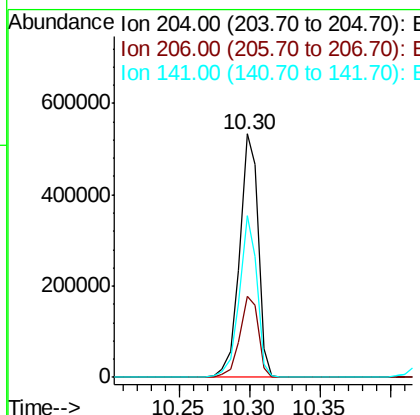
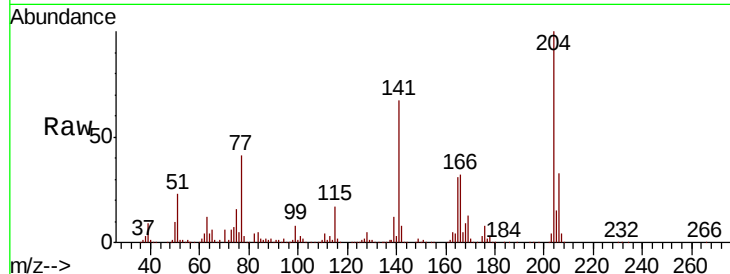
#61
 4-Chlorophenyl-phenylether
 Concen: 46.356 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	487304		
206	33.2		27.1	40.7
141	66.6		52.9	79.3

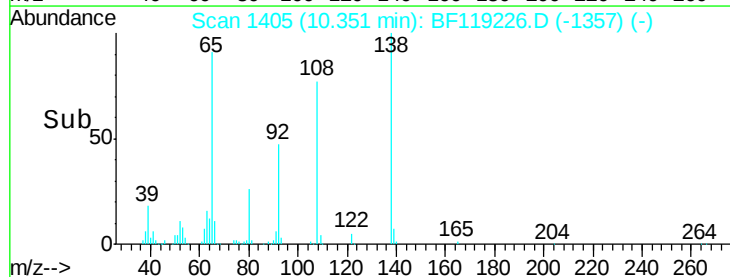
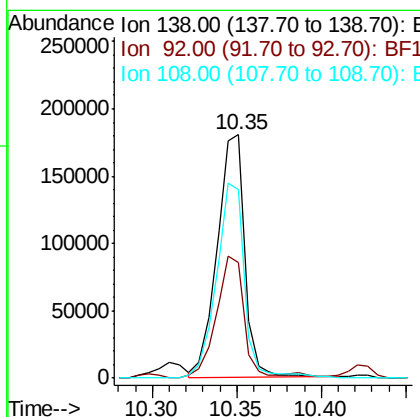
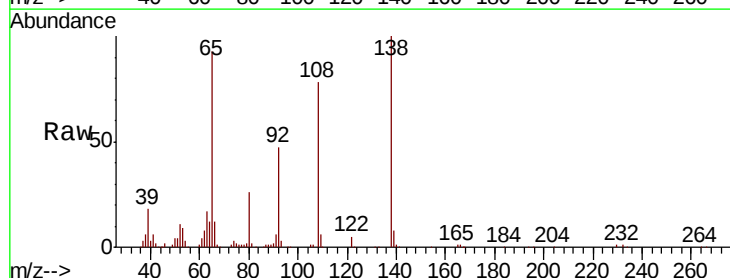
Manual Integrations
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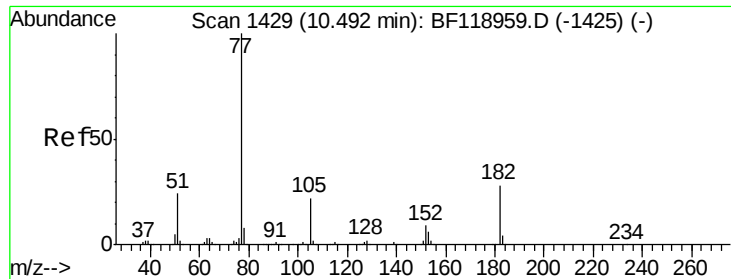
mohammad
 3/9/2020 8:27:27 AM



#62
 4-Nitroaniline
 Concen: 35.214 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	204851		
92	47.4		27.3	67.3
108	77.7		57.0	97.0





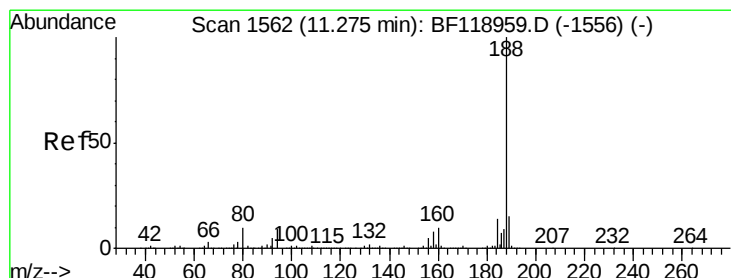
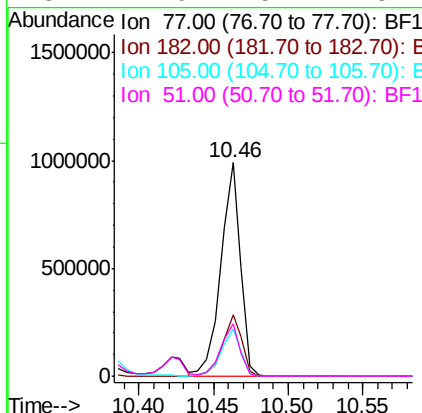
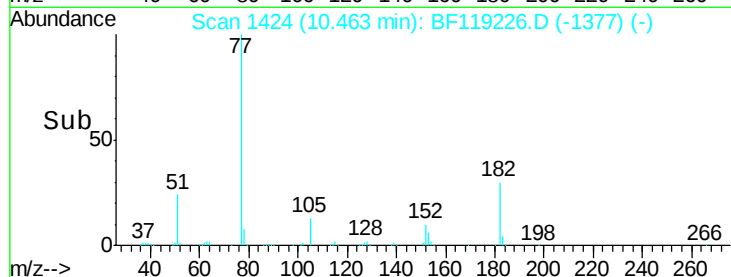
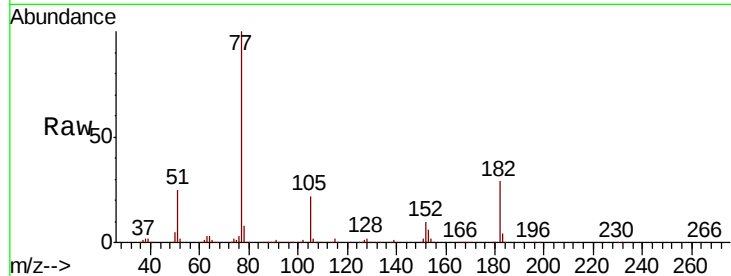
#63
Azobenzene
Concen: 48.316 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion:	77	Resp:	913631
Ion Ratio	Lower	Upper	
77	100		
182	29.0	11.4	51.4
105	22.5	3.4	43.4
51	24.9	5.1	45.1

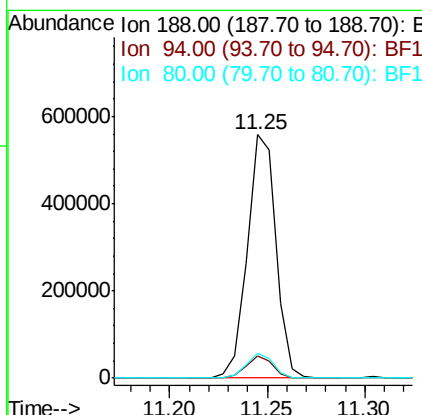
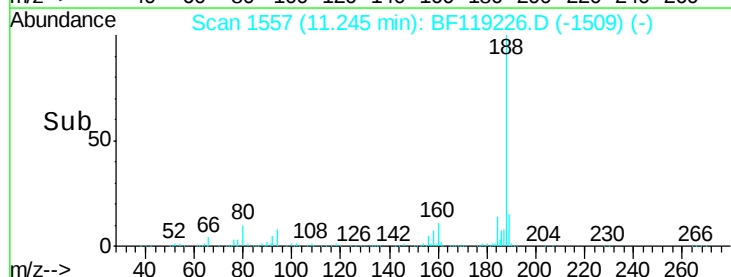
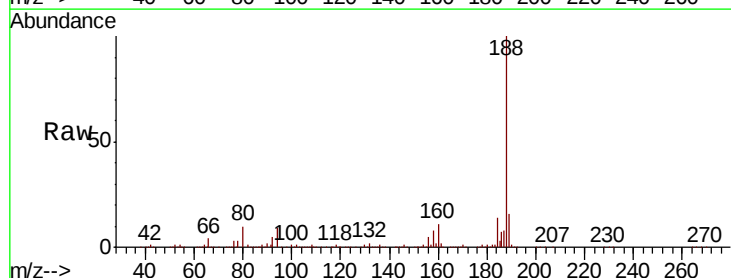
Manual Integrations
APPROVED

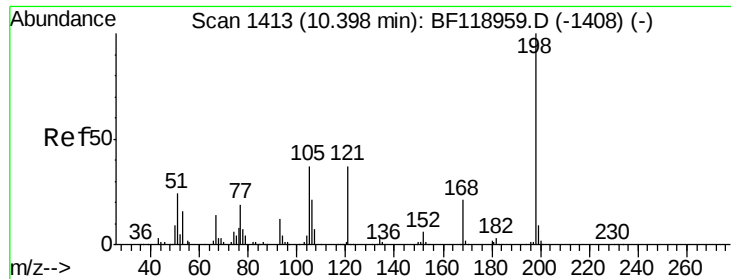
mohammad
3/9/2020 8:27:27 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion:	188	Resp:	567361
Ion Ratio	Lower	Upper	
188	100		
94	9.1	7.1	10.7
80	10.0	7.8	11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 52.275 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

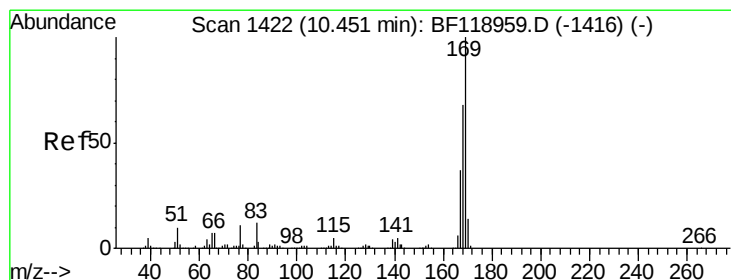
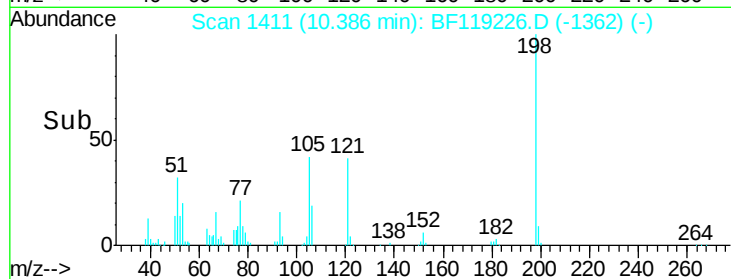
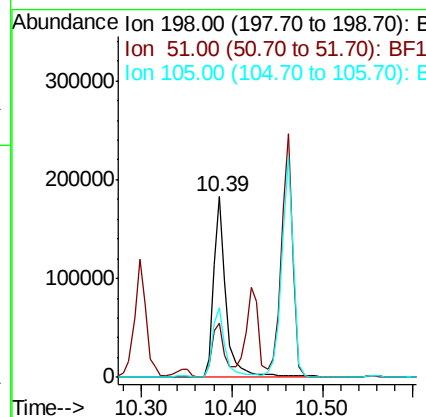
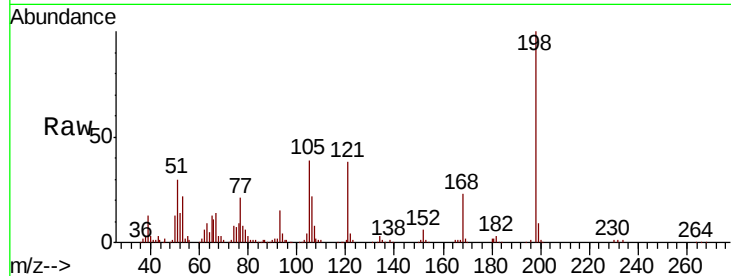
ClientSampleId :

PB127239BS

Tot Ion:	198	Resp:	179469
Ion Ratio	Lower	Upper	
198	100		
51	29.8	14.2	54.2
105	38.7	22.7	62.7

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#66

n-Nitrosodiphenylamine

Concen: 45.667 ng

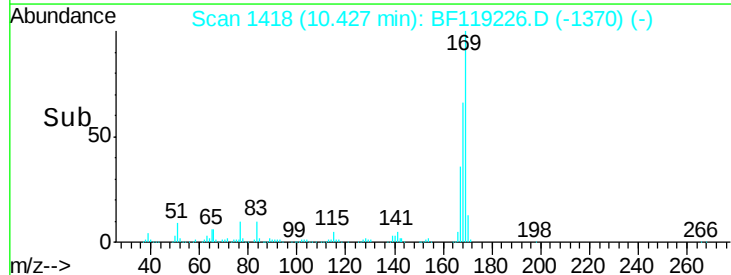
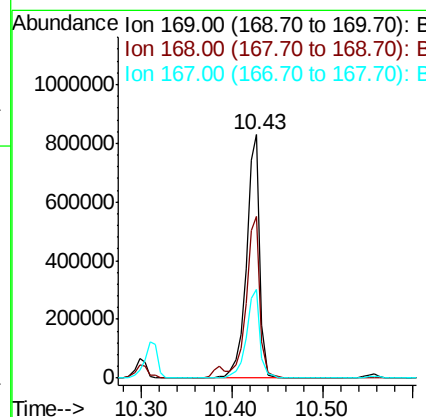
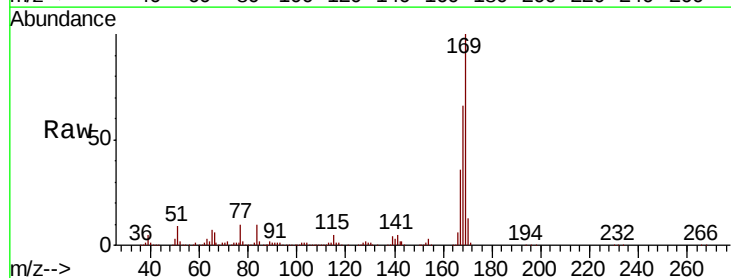
RT: 10.43 min Scan# 1418

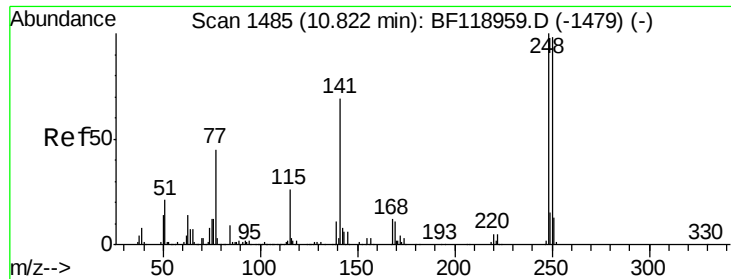
Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Tgt Ion:	169	Resp:	848380
Ion Ratio	Lower	Upper	
169	100		
168	66.4	54.1	81.1
167	36.3	29.4	44.0





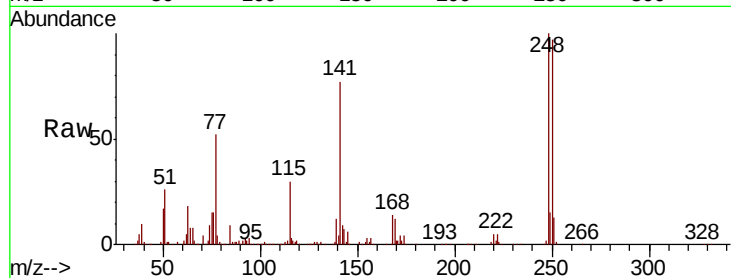
#67
4-Bromophenyl-phenylether
Concen: 44.332 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.7	115.1
141	76.6	60.7	91.1

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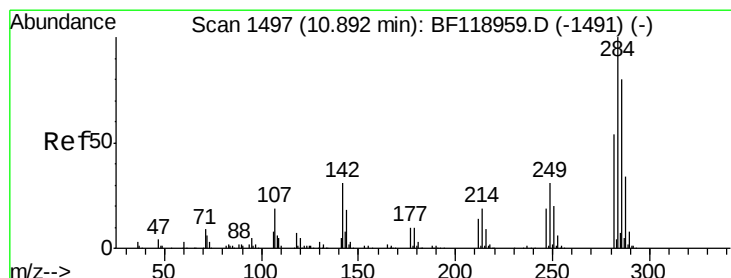
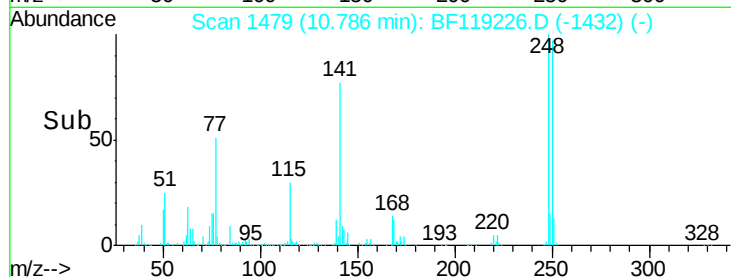
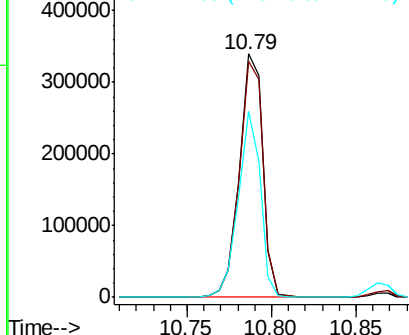


Abundance

Ion 248.00 (247.70 to 248.70): E

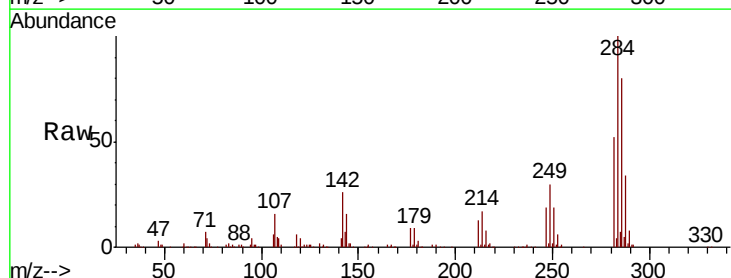
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.701 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	23.7	35.5
249	30.0	25.0	37.6

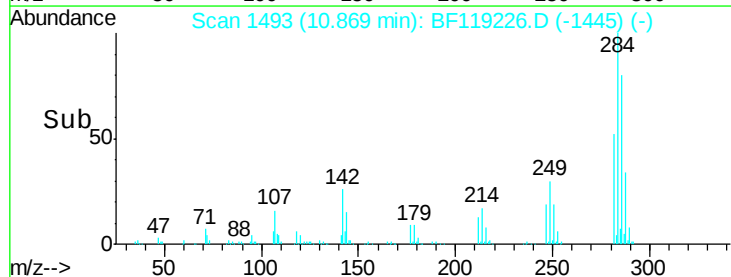
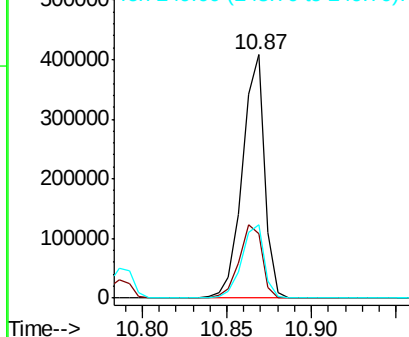


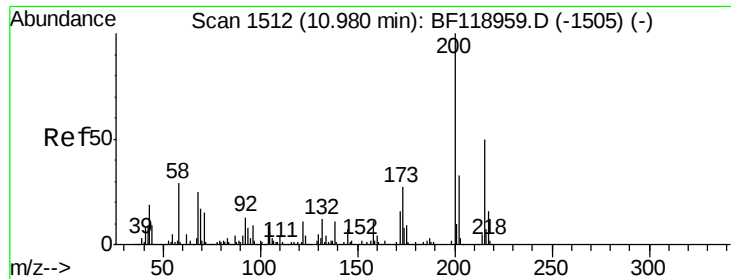
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





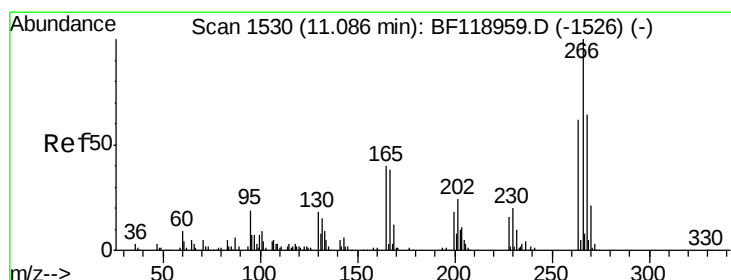
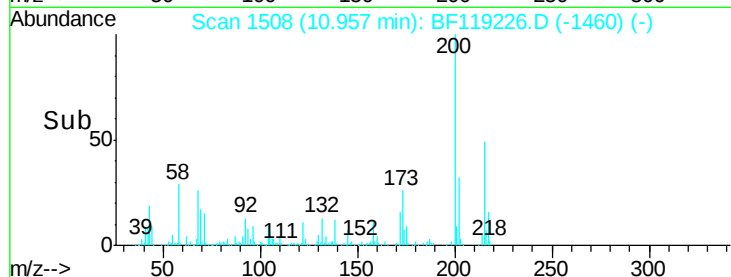
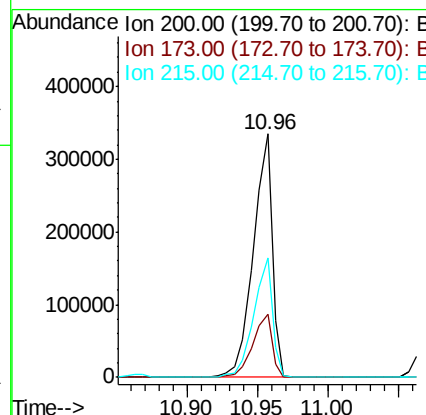
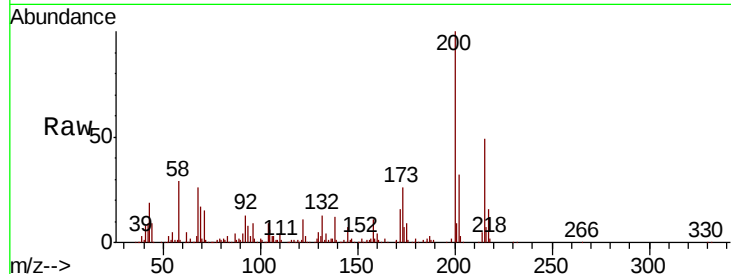
#69
Atrazine
Concen: 48.856 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	317111		
173	26.1	6.4	46.4	
215	48.9	27.4	67.4	

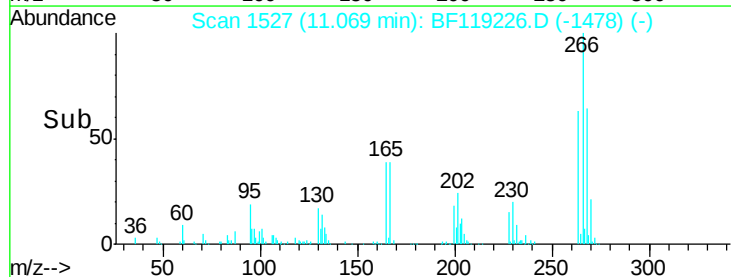
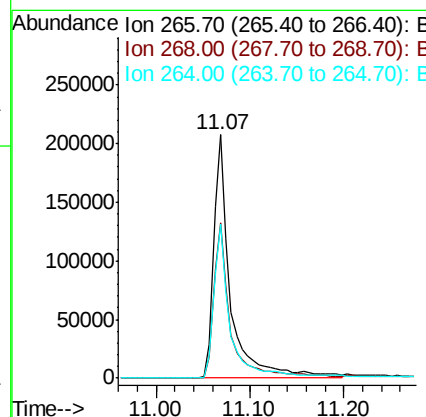
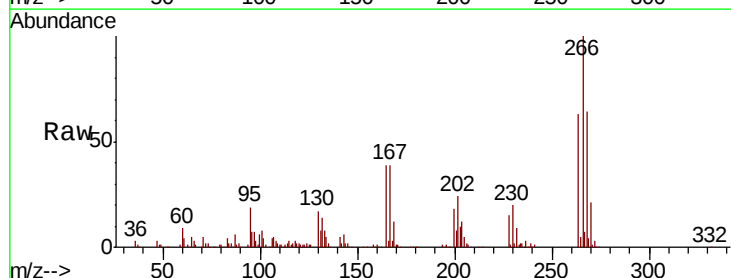
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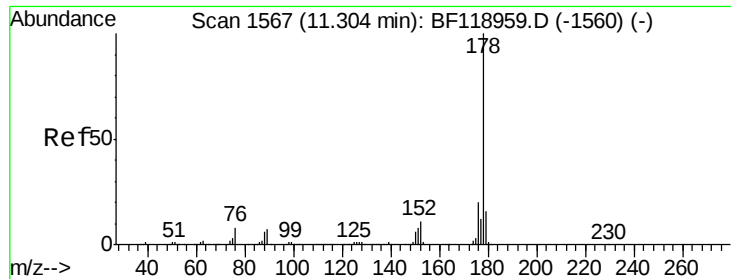
mohammad
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#70
Pentachlorophenol
Concen: 76.515 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	263543		
268	63.6	51.9	77.9	
264	63.1	51.0	76.4	





#71

Phenanthrene

Concen: 45.663 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampleId :

PB127239BS

Tot Ion:178 Resp: 1412877

Ion Ratio Lower Upper

178 100

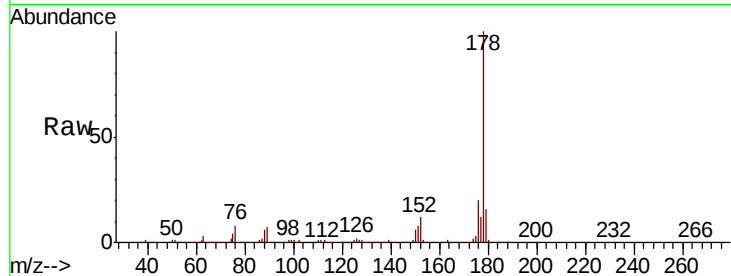
176 19.7 16.5 24.7

179 15.7 13.0 19.6

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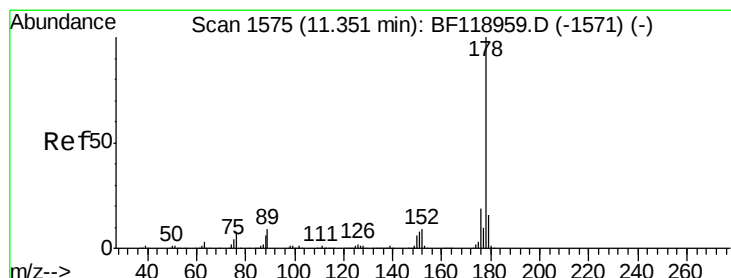
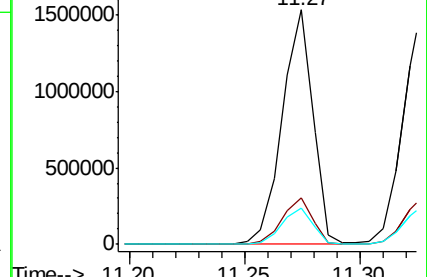
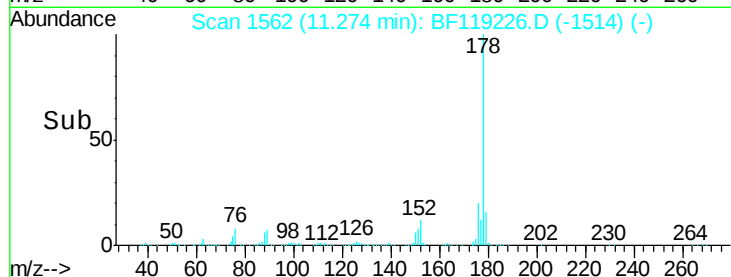
3/9/2020 8:27:27 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.619 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

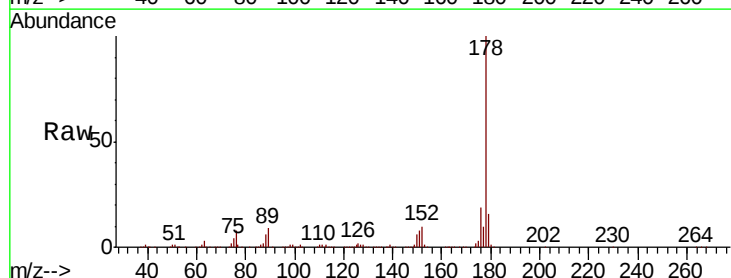
Tgt Ion:178 Resp: 1441251

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

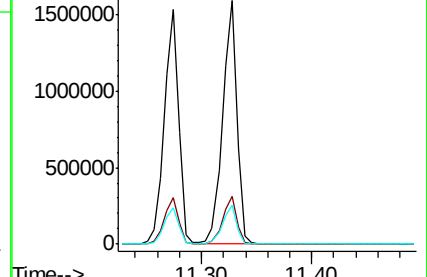
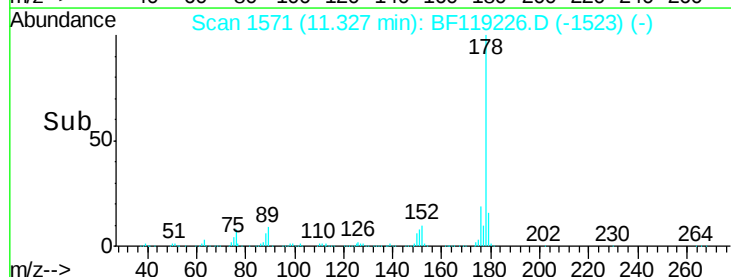
179 16.1 13.1 19.7

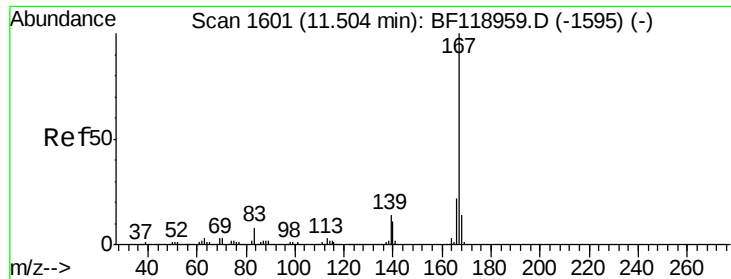


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





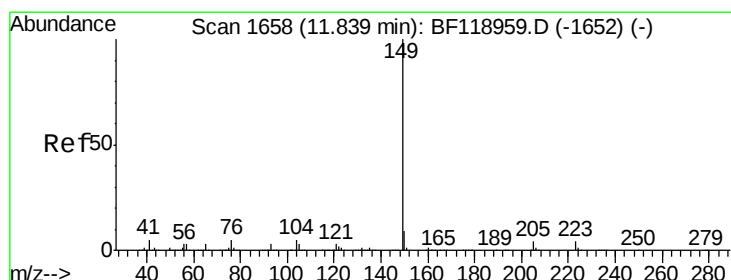
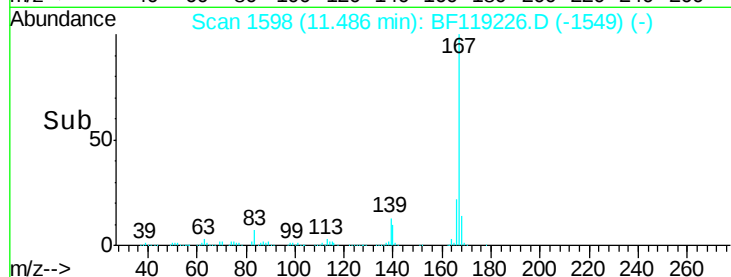
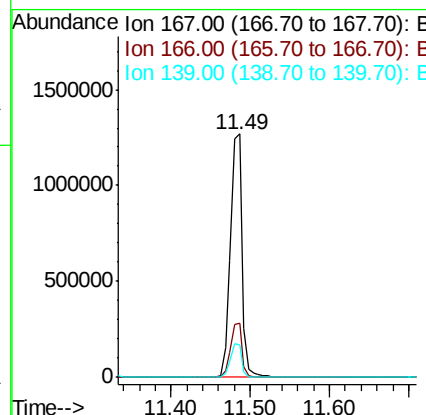
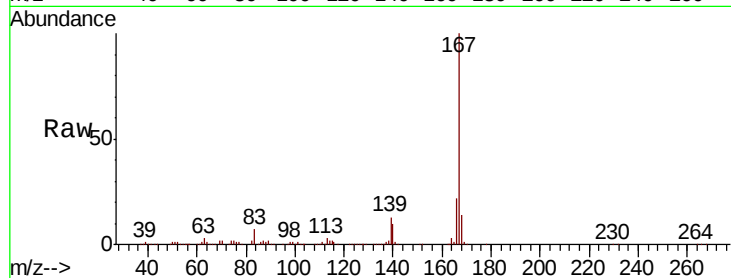
#73
 Carbazole
 Concen: 46.977 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.2	11.7	17.5

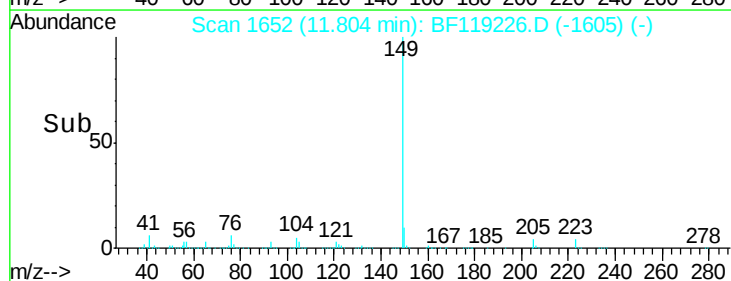
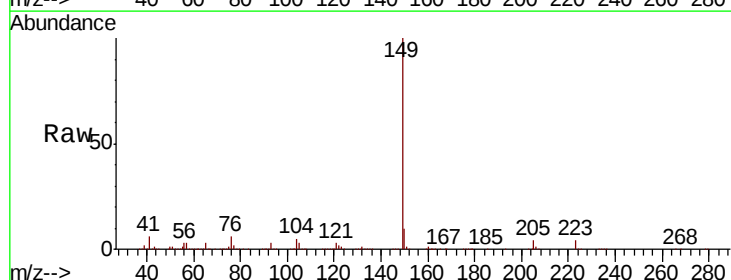
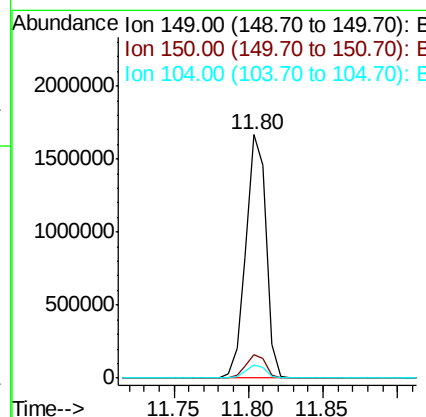
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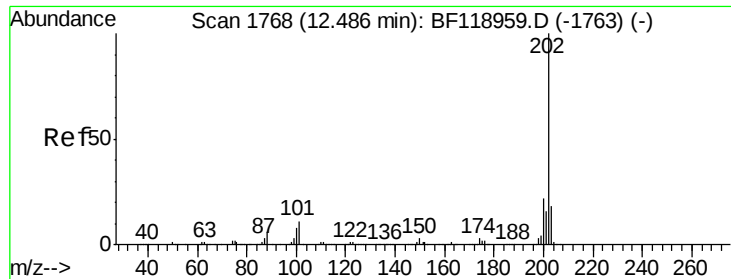
mohammad
 3/9/2020 8:27:27 AM



#74
 Di-n-butylphthalate
 Concen: 46.924 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.5	4.6	6.8





#75

Fluoranthene

Concen: 45.658 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

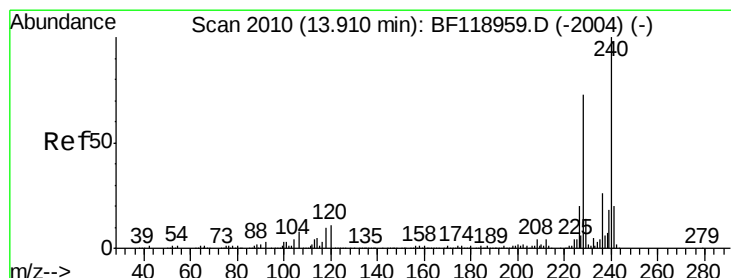
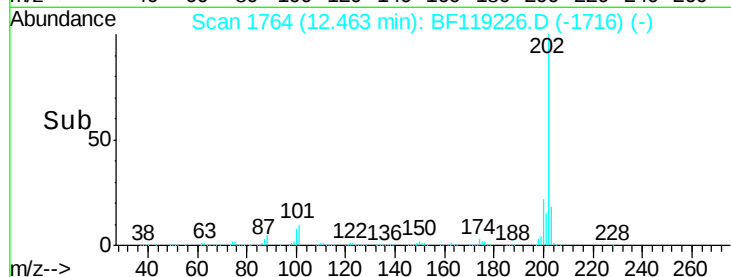
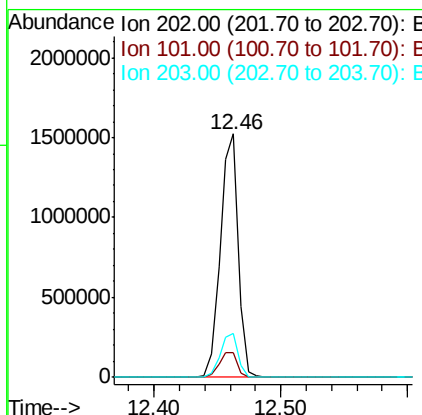
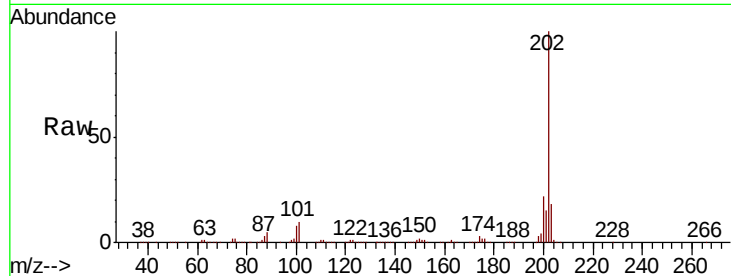
ClientSampleId :

PB127239BS

Tot Ion:	202	Resp:	1499566
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.3
203	18.0	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

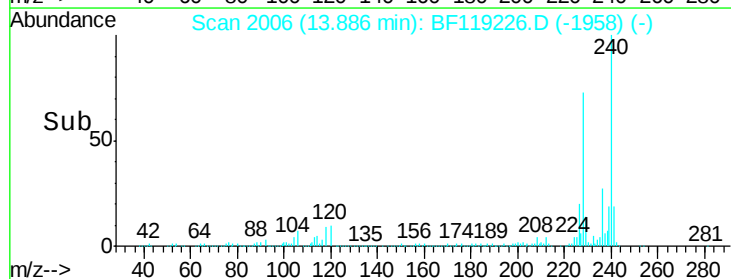
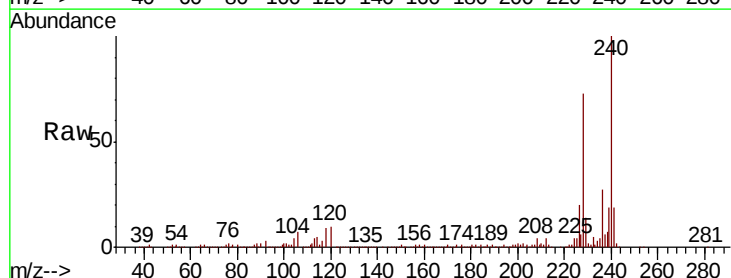
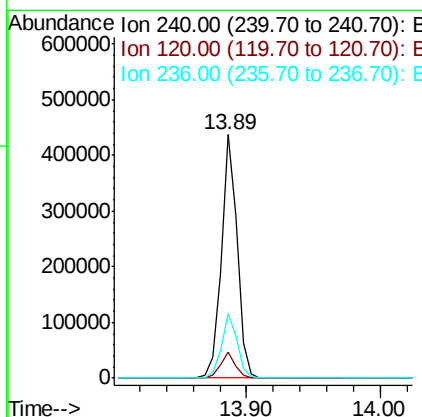
RT: 13.89 min Scan# 2006

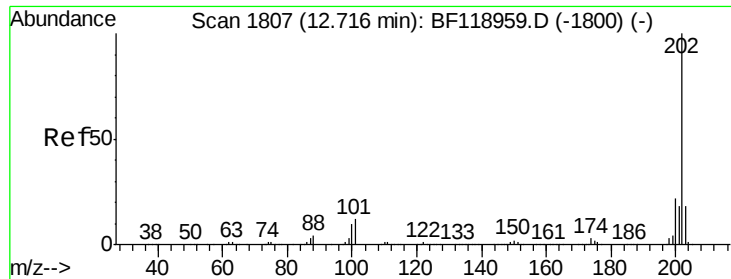
Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Tgt Ion:	240	Resp:	366225
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	26.6	21.0	31.4





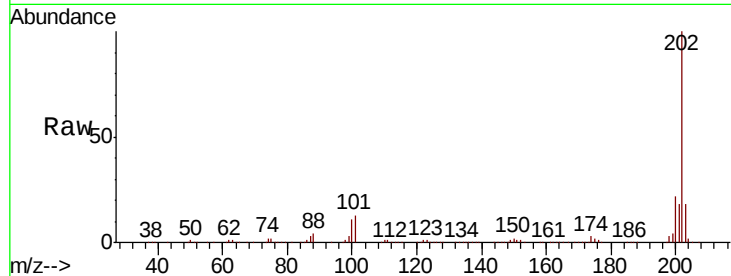
#78
Pvrene
Concen: 50.820 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.0	27.0
203	18.3	14.6	22.0

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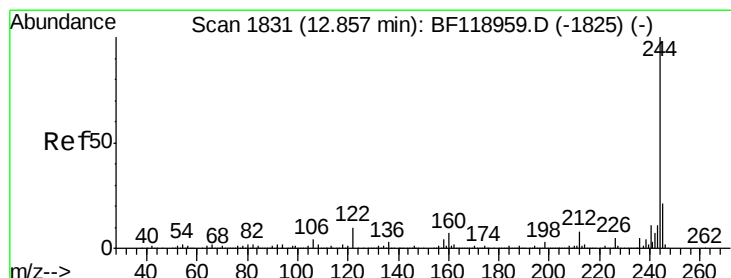
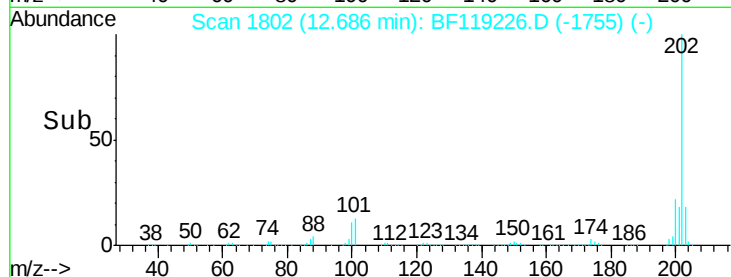
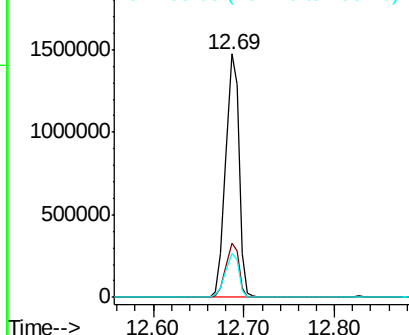


Abundance

Ion 202.00 (201.70 to 202.70): E

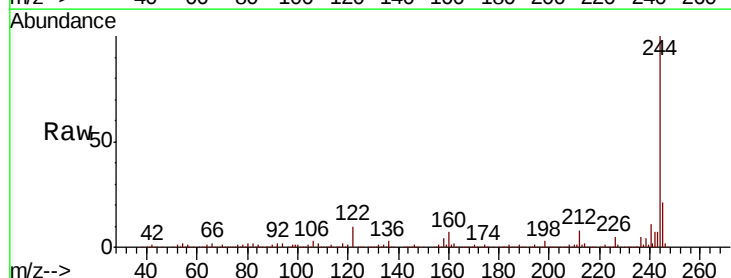
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 101.721 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	10.0
122	10.1	8.2	12.2

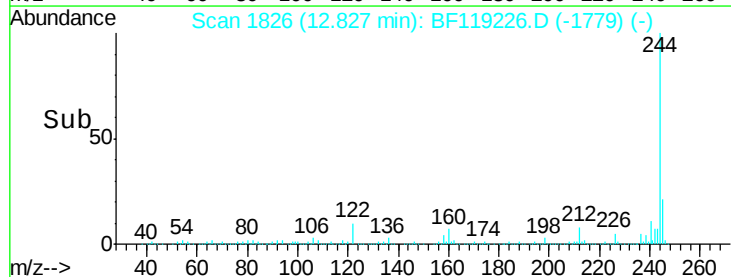
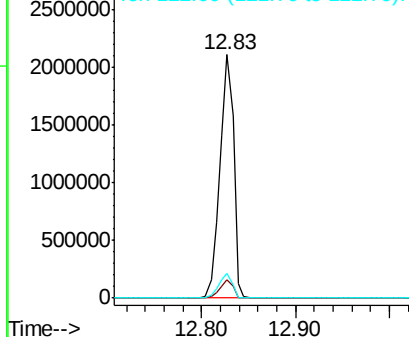


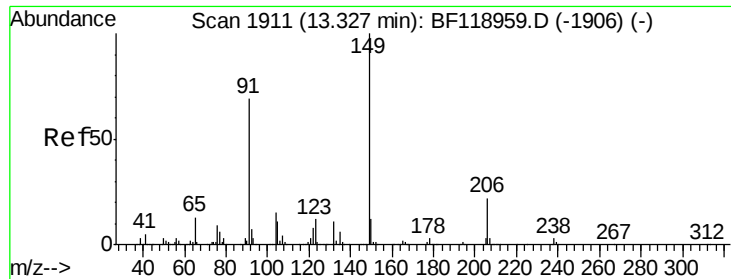
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





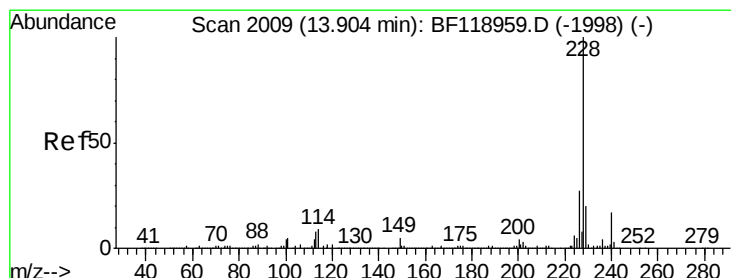
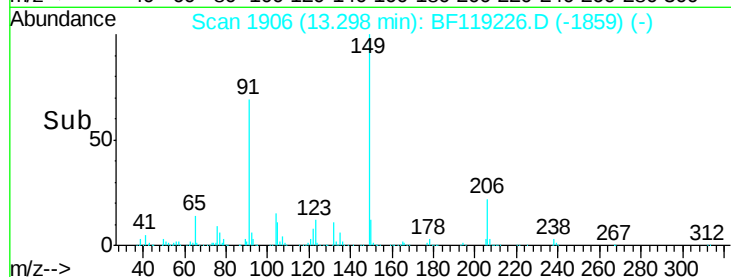
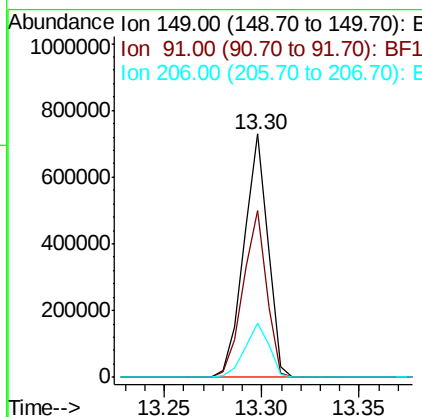
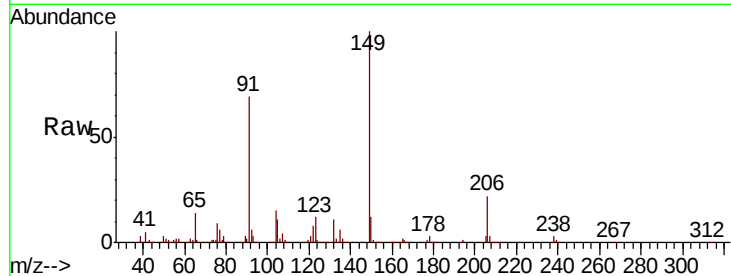
#80
 Butylbenzylphthalate
 Concen: 50.338 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Instrument :
 BNA_F
 ClientSampleID :
 PB127239BS

Tot Ion:	149	Resp:	623018
Ion Ratio	Lower	Upper	
149	100		
91	68.6	52.3	78.5
206	22.3	18.5	27.7

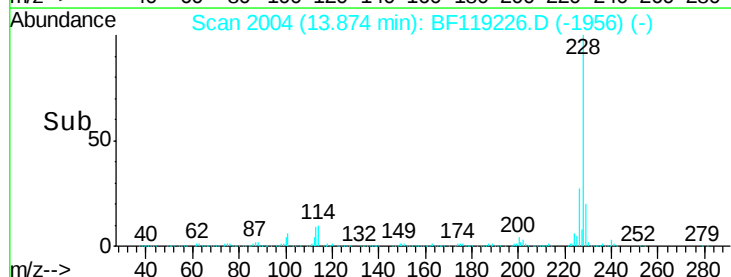
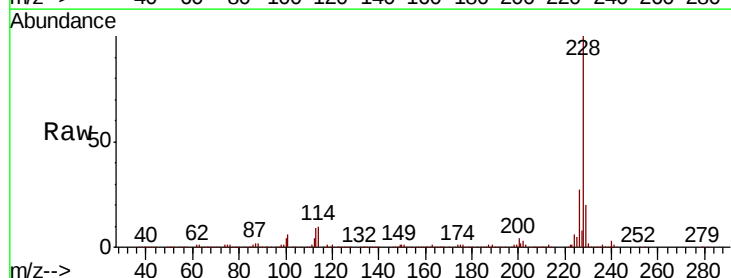
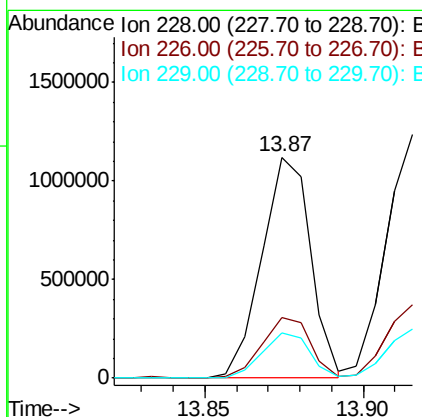
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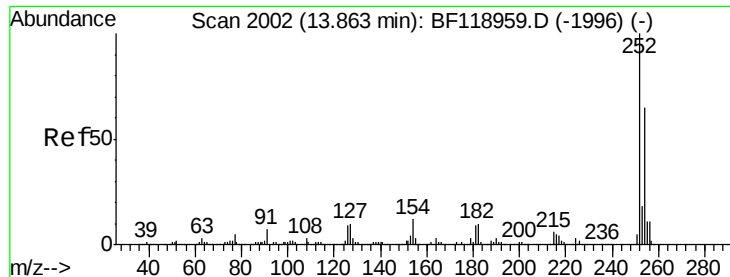
mohammad
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#81
 Benzo(a)anthracene
 Concen: 48.002 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion:	228	Resp:	1197805
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	33.8
229	20.3	16.6	24.8





#82

3,3'-Dichlorobenzidine

Concen: 26.331 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

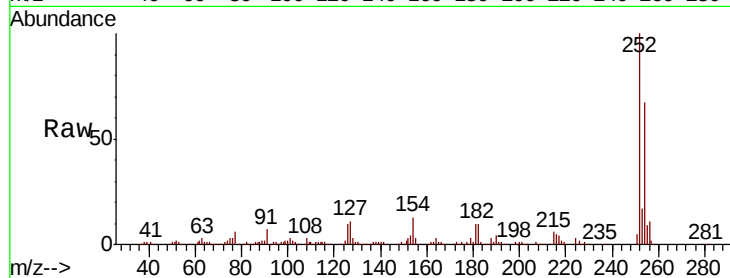
ClientSampleId :

PB127239BS

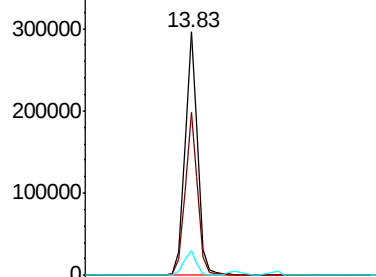
Tot Ion:	252	Resp:	255135
Ion Ratio	Lower	Upper	
252	100		
254	66.8	51.6	77.4
126	10.1	7.4	11.0

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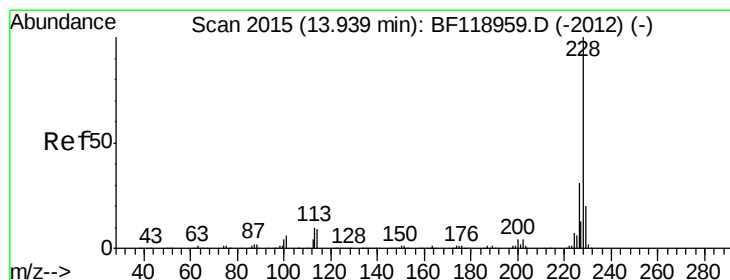
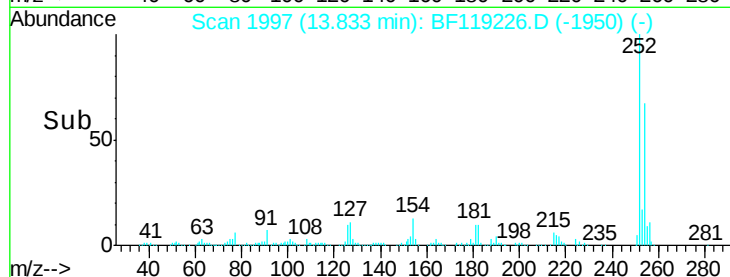
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 45.433 ng

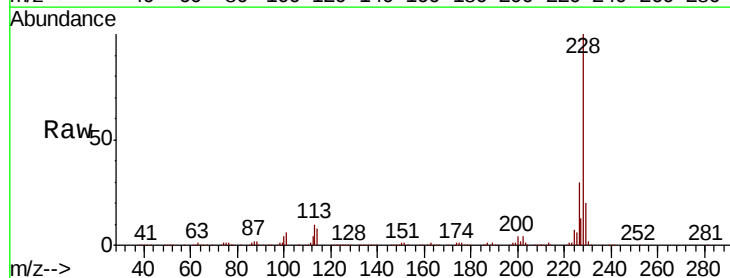
RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

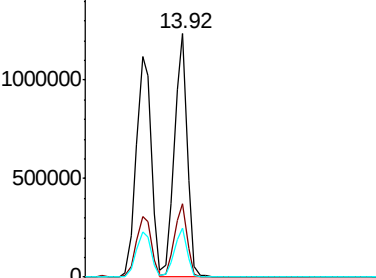
Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

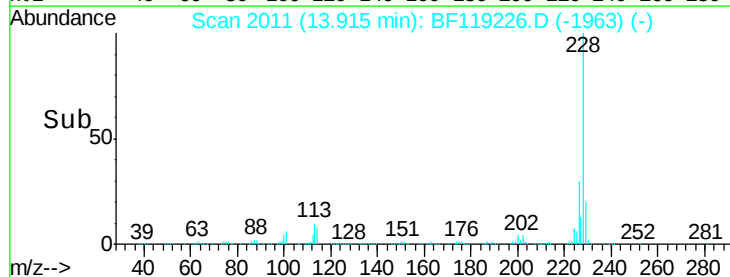
Tgt Ion:	228	Resp:	1129641
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.1	37.7
229	19.9	16.3	24.5

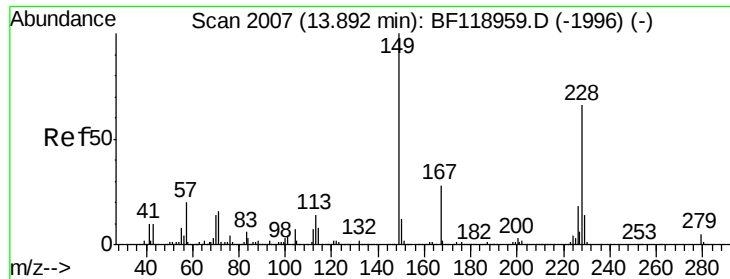


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 52.058 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampleId :

PB127239BS

Tot Ion:149 Resp: 813988

Ion Ratio Lower Upper

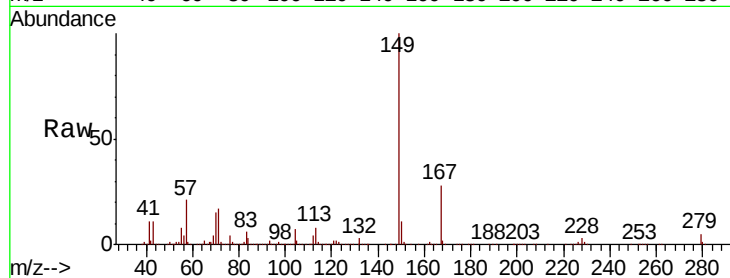
149 100

167 27.7 22.8 34.2

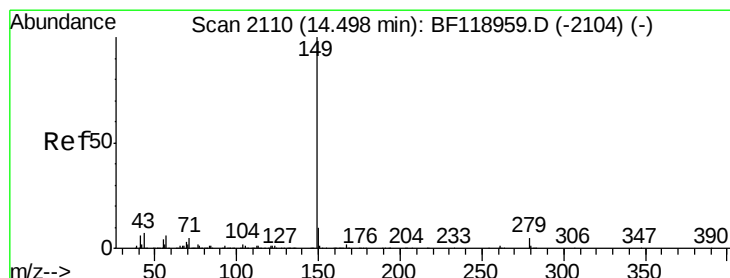
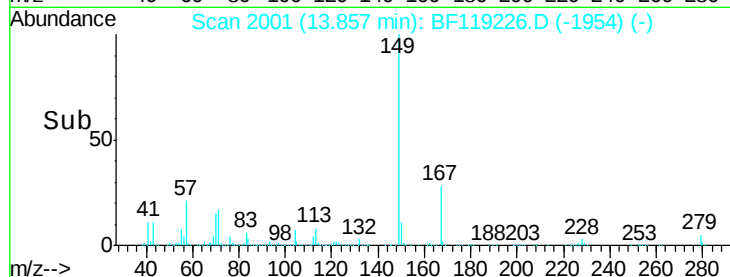
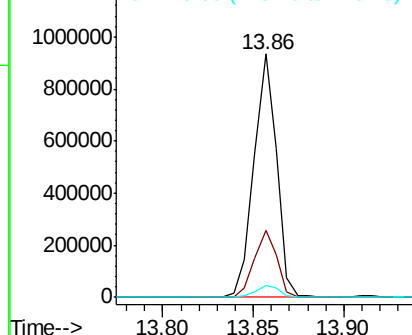
279 5.0 4.6 6.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 45.839 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

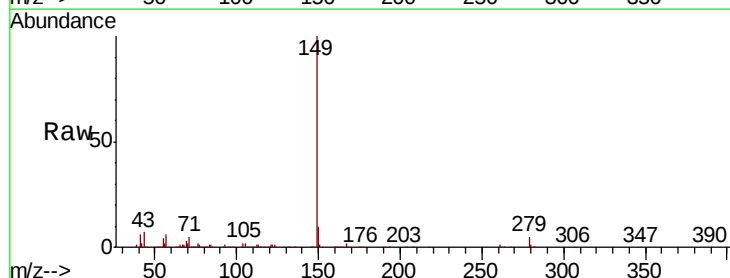
Tgt Ion:149 Resp: 1141990

Ion Ratio Lower Upper

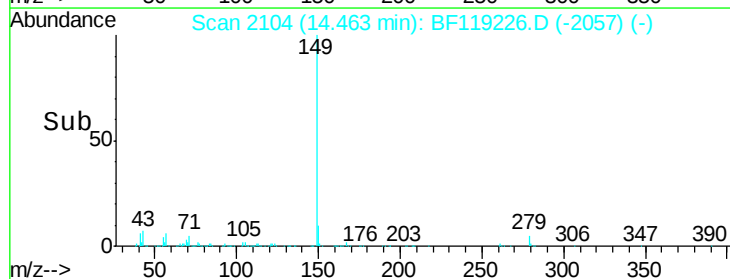
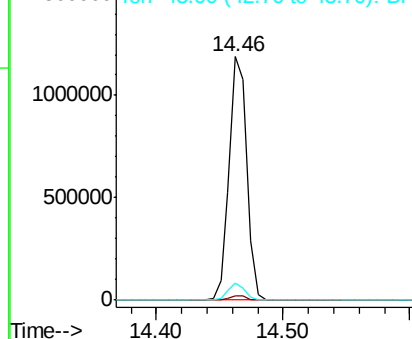
149 100

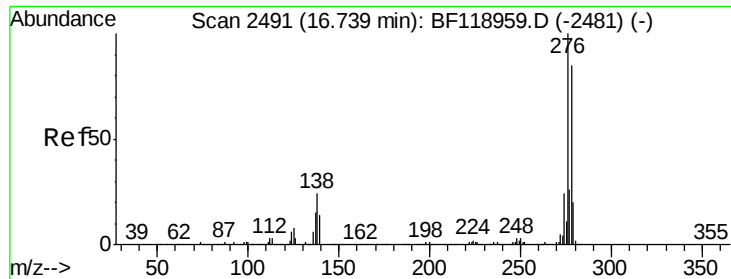
167 1.6 1.3 1.9

43 6.7 5.7 8.5



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





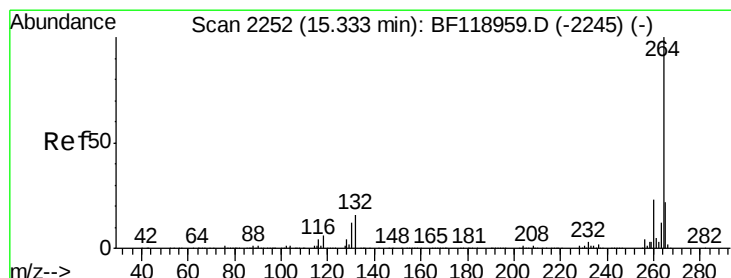
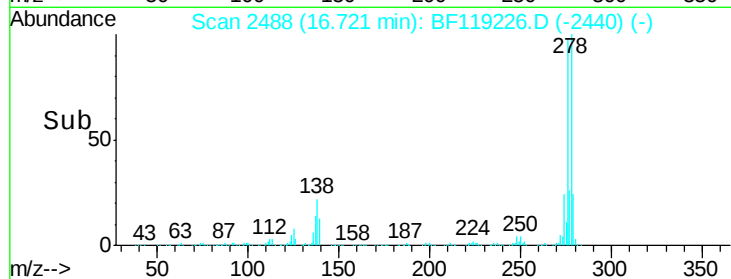
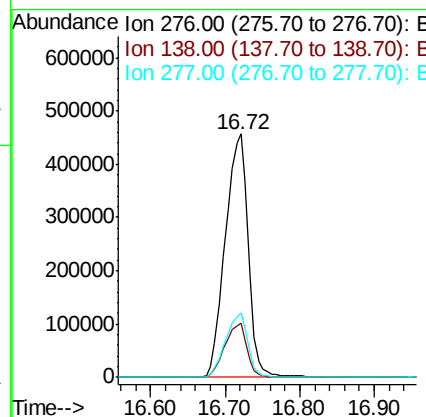
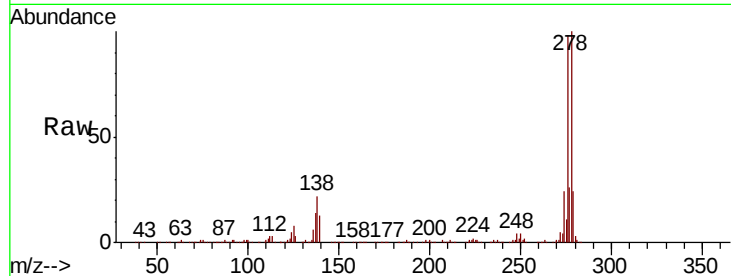
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.845 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.4	26.0
277	25.7	20.3	30.5

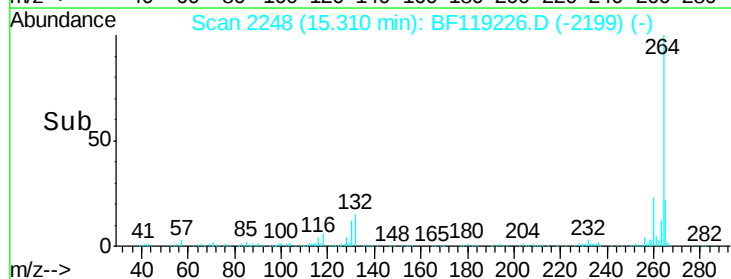
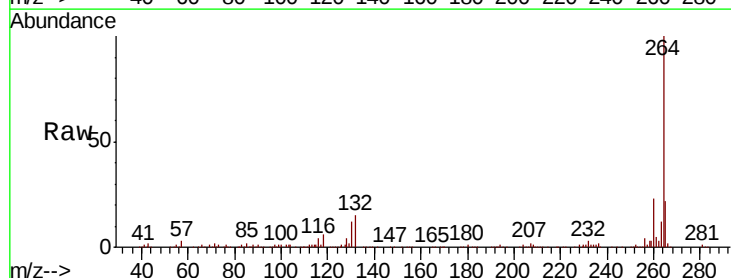
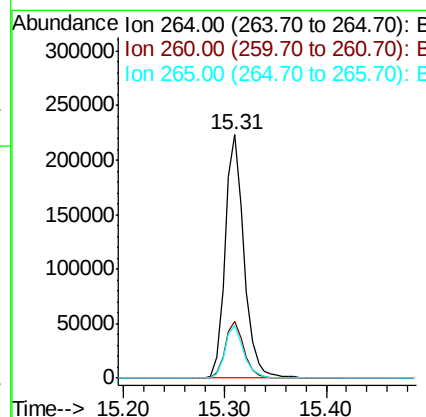
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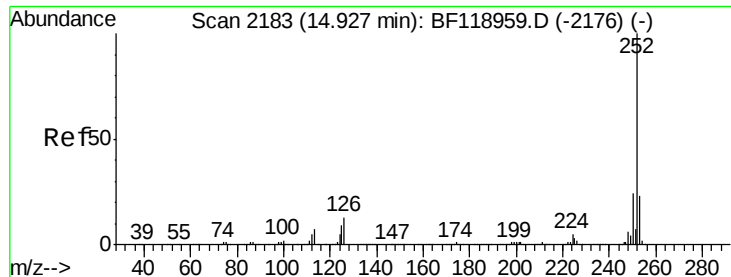
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.8	17.7	26.5





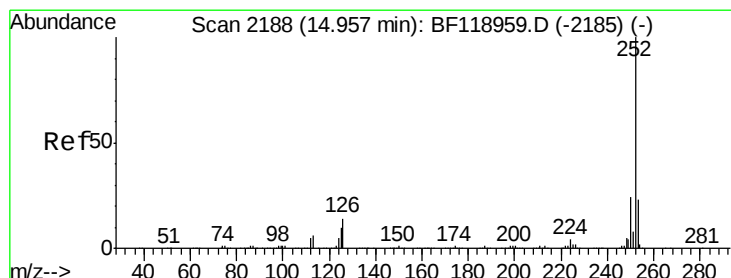
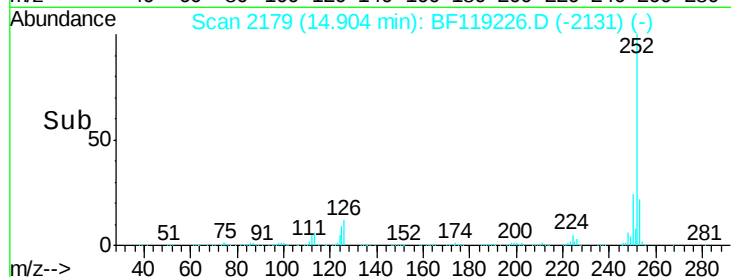
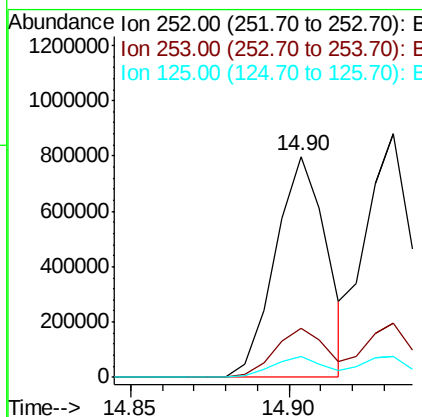
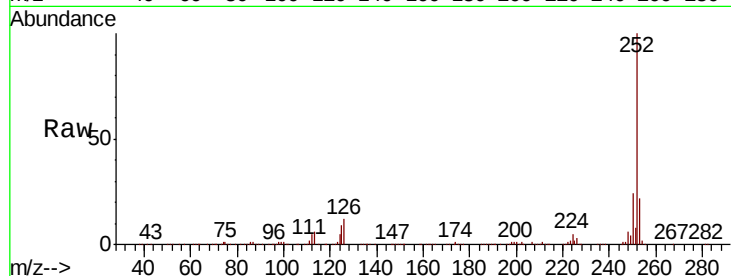
#88
Benzo(b)fluoranthene
Concen: 47.440 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	9.3	7.4	11.0

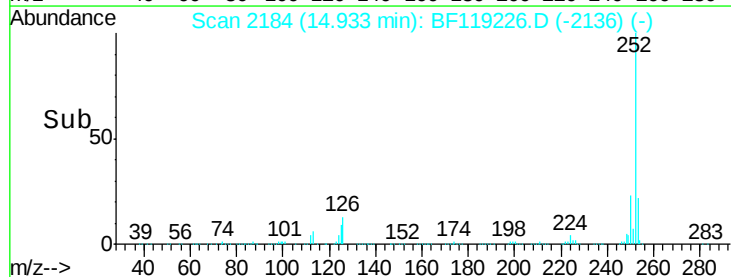
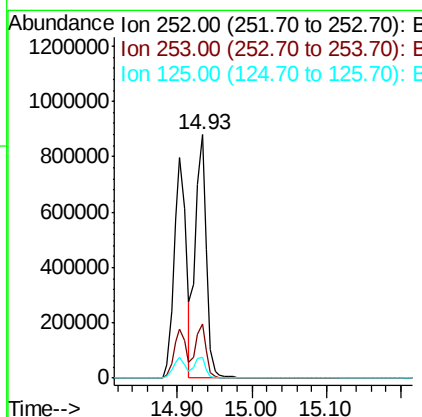
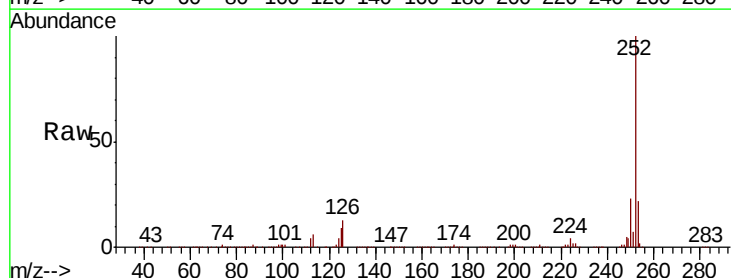
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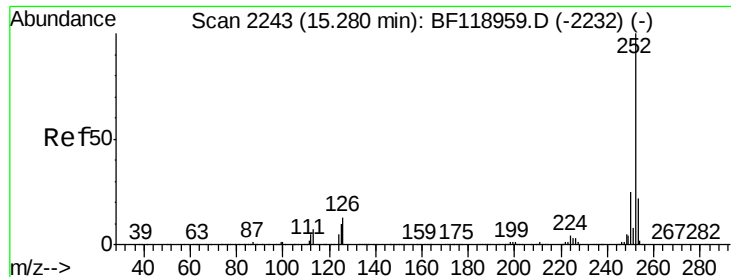
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#89
Benzo(k)fluoranthene
Concen: 51.393 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	8.5	7.5	11.3





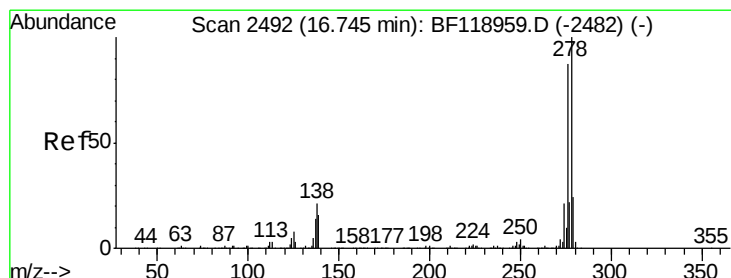
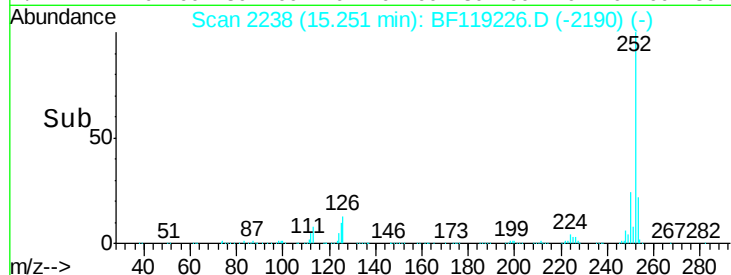
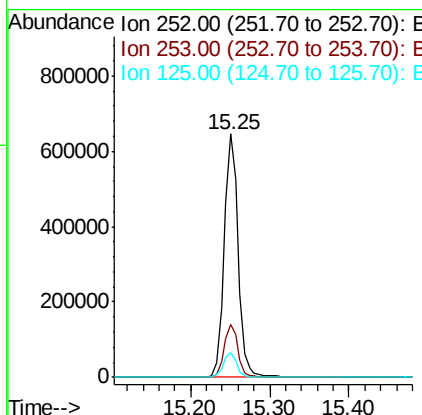
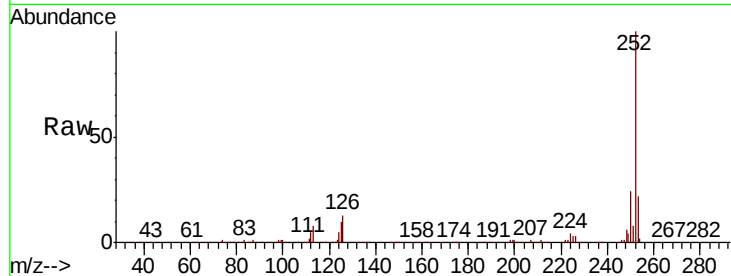
#90
Benzo(a)pyrene
Concen: 45.818 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	10.0	8.6	12.8

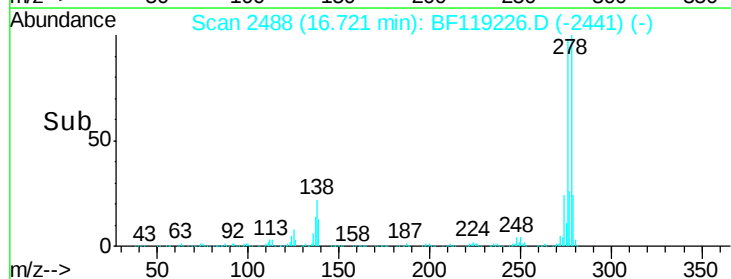
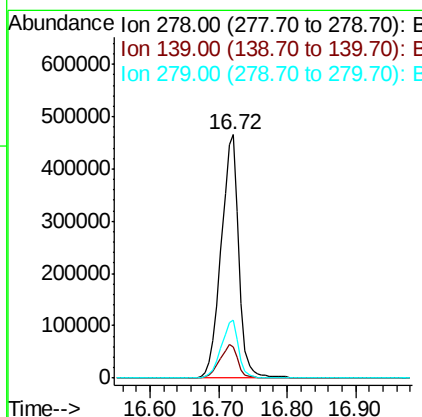
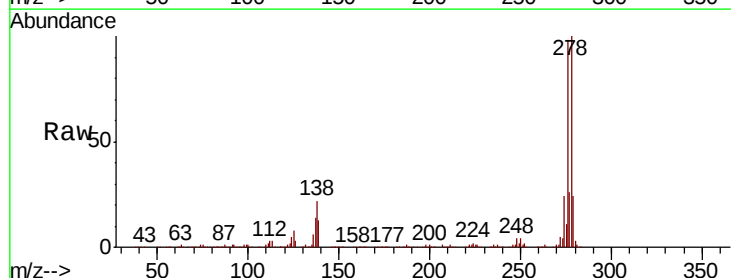
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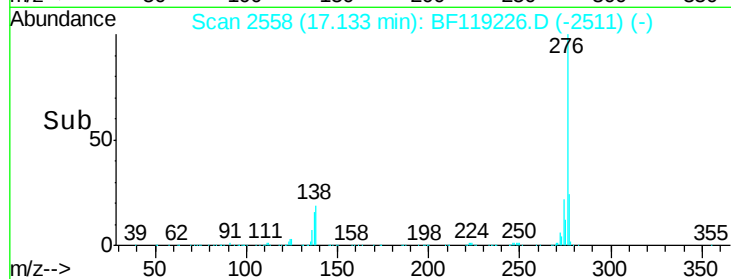
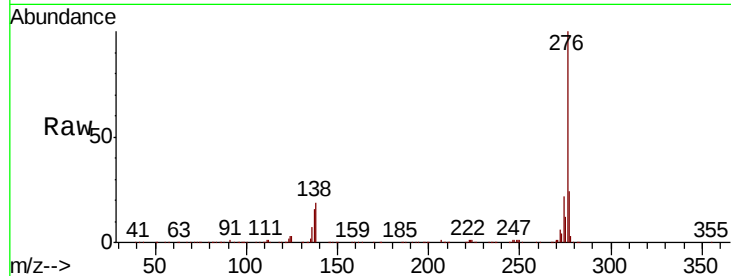
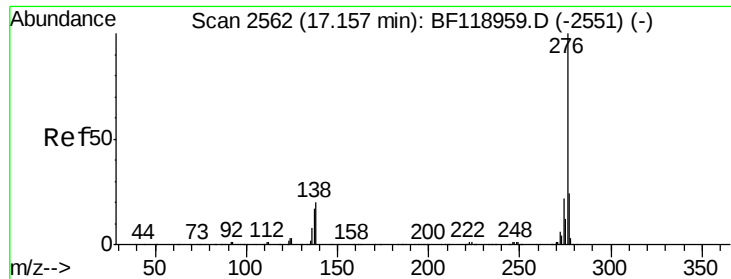
mohammad
3/9/2020 8:27:27 AM



#91
Dibenzo(a,h)anthracene
Concen: 55.256 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.0	16.4
279	23.9	18.6	28.0





#92
 Benzo(a,h,i)perylene
 Concen: 56.953 ng
 RT: 17.13 min Scan# 2558
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	19.1	14.3	21.5

Manual Integrations
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