

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119230.D
 Acq On : 5 Mar 2020 23:59
 Operator : CG/JU
 Sample : L1775-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MS

Manual Integrations
 APPROVED

mohammad
 3/9/2020 8:27:30 AM

Quant Time: Mar 06 07:43:44 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	147729	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	587776	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	331515	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	607670	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	369109	20.00	ng	-0.02
87) Perylene-d12	15.30	264	313482	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	928718	105.06	ng	0.00
7) Phenol-d6	6.39	99	1127952	104.92	ng	-0.02
23) Nitrobenzene-d5	7.29	82	765955	68.81	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	416082	95.94	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1499831	66.65	ng	-0.02
79) Terphenyl-d14	12.83	244	1738637	81.10	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	149663	38.026	ng	99
3) Pyridine	3.23	79	364070	33.871	ng	99
4) n-Nitrosodimethylamine	3.18	42	152560	46.853	ng	92
6) Aniline	6.39	93	243566	18.361	ng	# 72
8) 2-Chlorophenol	6.52	128	455228	47.719	ng	98
9) Benzaldehyde	6.27	77	347113	48.326	ng	100
10) Phenol	6.40	94	527415	45.375	ng	83
11) bis(2-Chloroethyl)ether	6.46	93	406738	45.733	ng	98
12) 1,3-Dichlorobenzene	6.66	146	490681	42.914	ng	97
13) 1,4-Dichlorobenzene	6.74	146	497140	43.449	ng	100
14) 1,2-Dichlorobenzene	6.89	146	453830	43.491	ng	99
15) Benzyl Alcohol	6.88	79	366736	47.199	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	325577	42.260	ng	# 22
17) 2-Methylphenol	7.00	107	363262	46.967	ng	# 91
18) Hexachloroethane	7.23	117	177654	43.399	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	305648	48.790	ng	98
20) 3+4-Methylphenols	7.16	107	480043	50.660	ng	# 85
22) Acetophenone	7.14	105	608377	44.735	ng	# 96
24) Nitrobenzene	7.31	77	466954	42.417	ng	97
25) Isophorone	7.55	82	834785	43.179	ng	99
26) 2-Nitrophenol	7.63	139	253702	43.495	ng	99
27) 2,4-Dimethylphenol	7.67	122	369276	46.648	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	508379	40.399	ng	99
29) 2,4-Dichlorophenol	7.88	162	397214	42.623	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	438899	39.722	ng	97
31) Naphthalene	8.03	128	1291108	42.355	ng	99
32) Benzoic acid	7.85	122	217519	39.097	ng	98
33) 4-Chloroaniline	8.09	127	126436	9.644	ng	98
34) Hexachlorobutadiene	8.15	225	264512	38.432	ng	98
35) Caprolactam	8.47	113	114752m	39.990	ng	
36) 4-Chloro-3-methylphenol	8.59	107	421736	44.715	ng	98
37) 2-Methylnaphthalene	8.72	142	899695	43.857	ng	99
38) 1-Methylnaphthalene	8.82	142	836521	43.360	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	441356	39.487	ng	99

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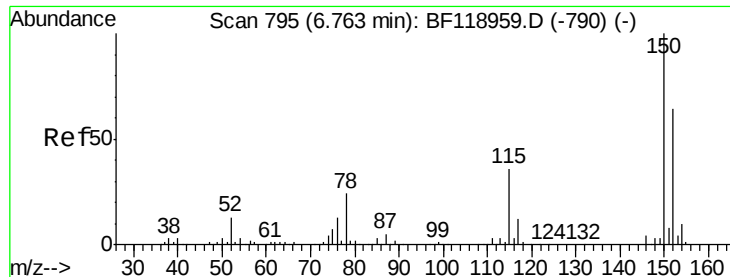
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	235452	60.470	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	282296	39.994	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	294643	39.780	nq	96
46) 1,1'-Biphenyl	9.19	154	1086304	40.544	nq	98
47) 2-Chloronaphthalene	9.21	162	864312	40.031	nq	98
48) 2-Nitroaniline	9.32	65	244978	40.679	nq	98
49) Acenaphthylene	9.63	152	1323876	42.453	nq	99
50) Dimethylphthalate	9.49	163	1218261	48.057	nq	99
51) 2,6-Dinitrotoluene	9.56	165	234413	41.621	nq #	85
52) Acenaphthene	9.80	154	781505	41.561	nq	100
53) 3-Nitroaniline	9.73	138	80401	12.877	nq	97
54) 2,4-Dinitrophenol	9.85	184	210427	77.165	nq #	90
55) Dibenzofuran	9.97	168	1158346	41.272	nq	100
56) 4-Nitrophenol	9.92	139	209095	55.737	nq	96
57) 2,4-Dinitrotoluene	9.97	165	294588	40.353	nq	93
58) Fluorene	10.31	166	932979	42.780	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	265762	42.523	nq	94
60) Diethylphthalate	10.19	149	1007262	42.163	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	488493	42.316	nq	100
62) 4-Nitroaniline	10.35	138	204121	31.953	nq	98
63) Azobenzene	10.46	77	898433	43.266	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	170539	46.379	nq	95
66) n-Nitrosodiphenylamine	10.42	169	851284	42.784	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	320936	40.405	nq	98
68) Hexachlorobenzene	10.86	284	374445	40.888	nq	97
69) Atrazine	10.96	200	278170	40.013	nq	97
70) Pentachlorophenol	11.07	266	260748	70.682	nq	98
71) Phenanthrene	11.27	178	1388579	41.901	nq	99
72) Anthracene	11.33	178	1422933	42.974	nq	99
73) Carbazole	11.48	167	1235986	41.900	nq	99
74) Di-n-butylphthalate	11.80	149	1519274	42.529	nq	100
75) Fluoranthene	12.46	202	1436182	40.828	nq	99
77) Benzidine	12.58	184	484206	32.256	nq	98
78) Pyrene	12.69	202	1437025	48.484	nq	100
80) Butylbenzylphthalate	13.30	149	599511	48.060	nq	98
81) Benzo(a)anthracene	13.87	228	1103824	43.890	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	222254	22.758	nq	99
83) Chrysene	13.92	228	1058960	42.257	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	767325	48.690	nq	99
85) Di-n-octyl phthalate	14.46	149	1064213	42.383	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	989041	40.761	nq	99
88) Benzo(b)fluoranthene	14.90	252	869897	42.099	nq	99
89) Benzo(k)fluoranthene	14.93	252	821712	42.912	nq	98
90) Benzo(a)pyrene	15.25	252	756860	40.585	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	826216	50.352	nq	98
92) Benzo(g,h,i)perylene	17.13	276	850936	52.485	nq	99

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



#1

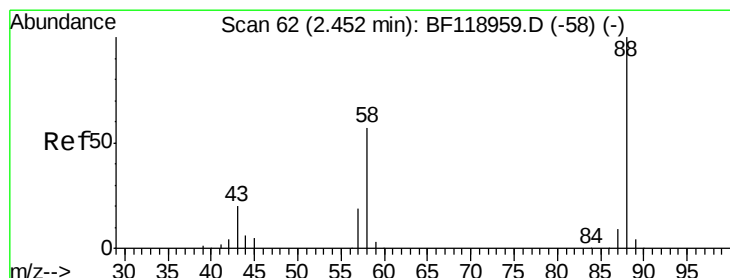
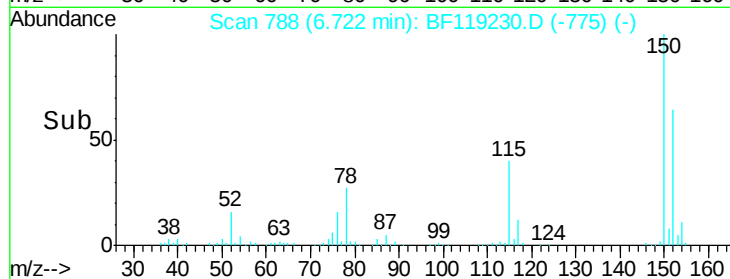
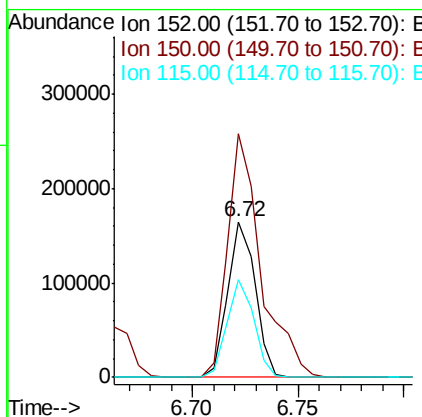
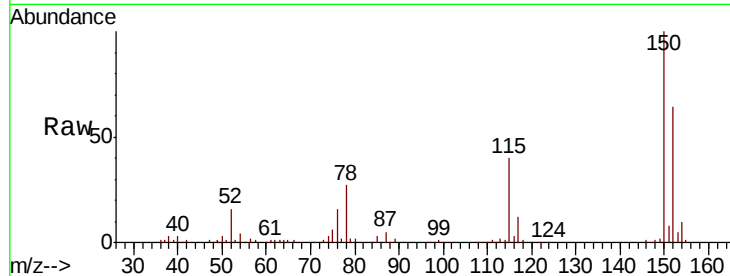
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.0	184.6
115	62.6	49.5	74.3

Manual Integrations
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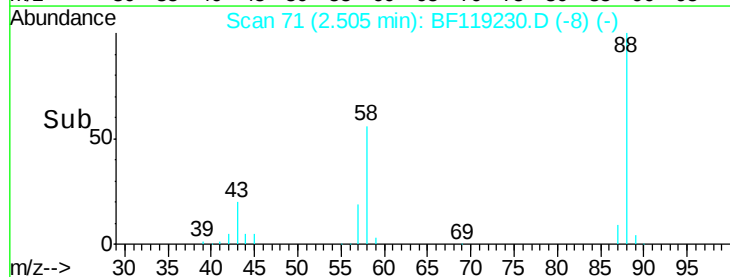
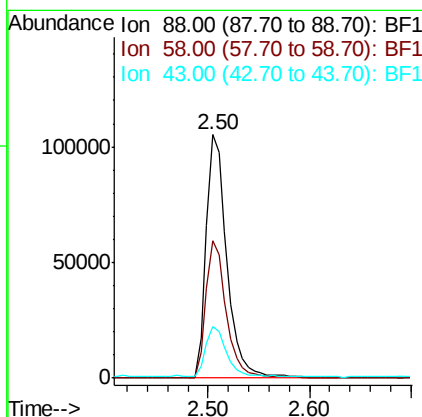
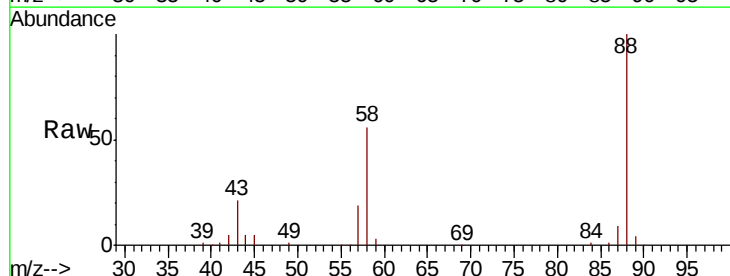
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#2

1,4-Dioxane
Concen: 38.026 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.07 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.8	43.8	65.6
43	20.9	16.2	24.4





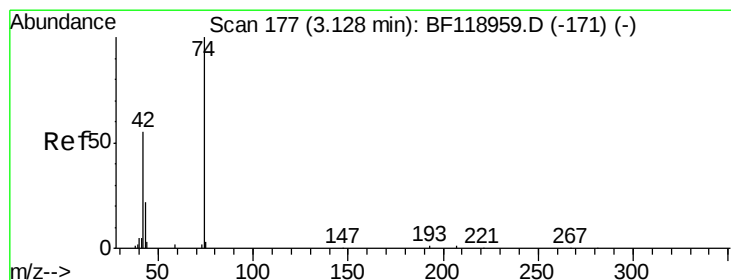
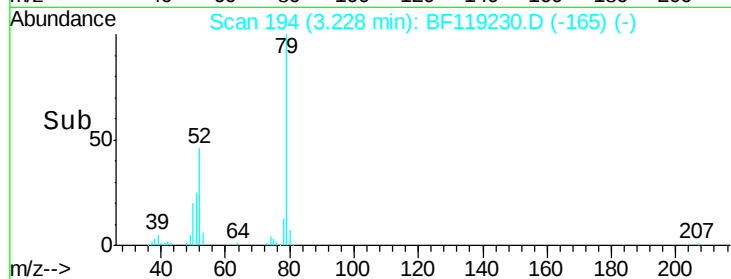
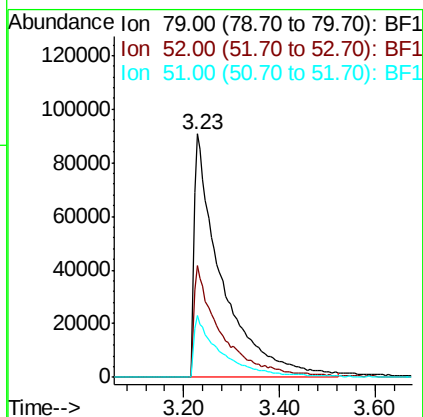
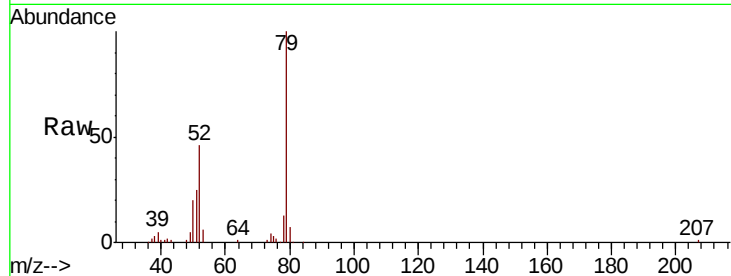
#3
 Pvridine
 Concen: 33.871 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.07 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.0	37.4	56.0
51	25.4	19.8	29.6

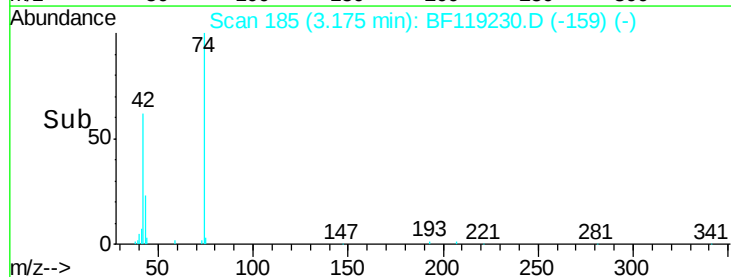
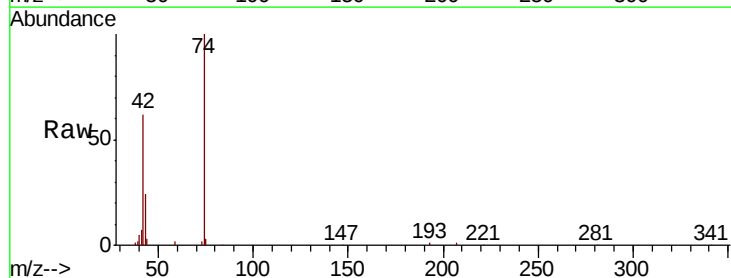
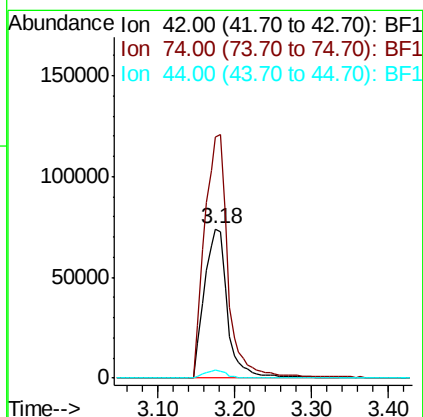
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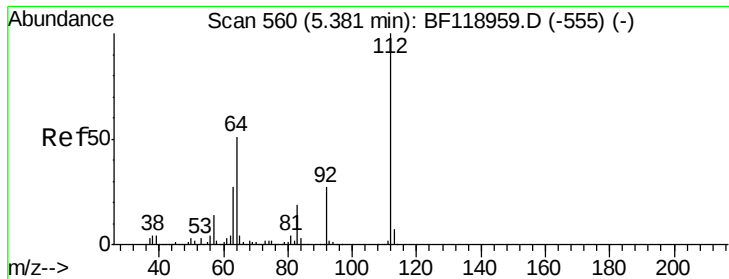
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 3/9/2020 8:27:30 AM



#4
 n-Nitrosodimethylamine
 Concen: 46.853 ng
 RT: 3.18 min Scan# 185
 Delta R.T. 0.05 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.4	137.7	206.5
44	5.4	4.5	6.7





#5

2-Fluorophenol

Concen: 105.061 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

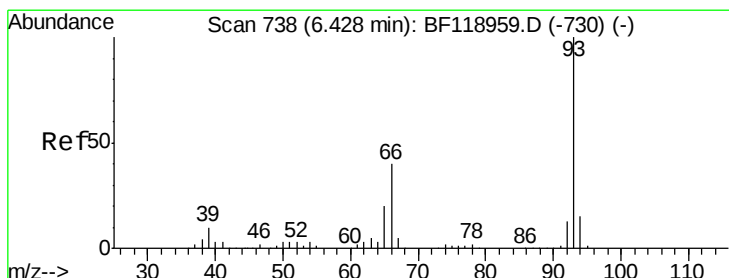
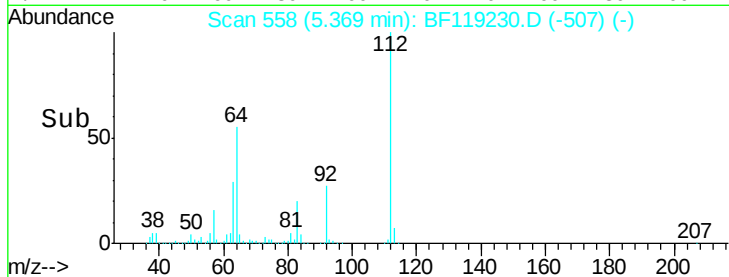
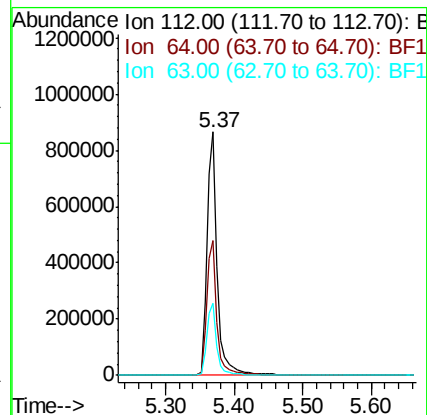
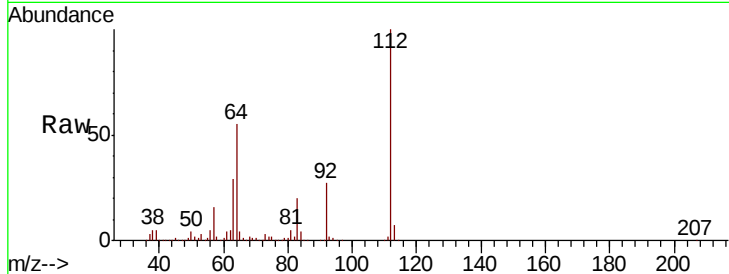
ClientSampleId :

CR-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		928718		
64	55.1	45.0	67.4		
63	29.4	24.2	36.4		

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#6

Aniline

Concen: 18.361 ng

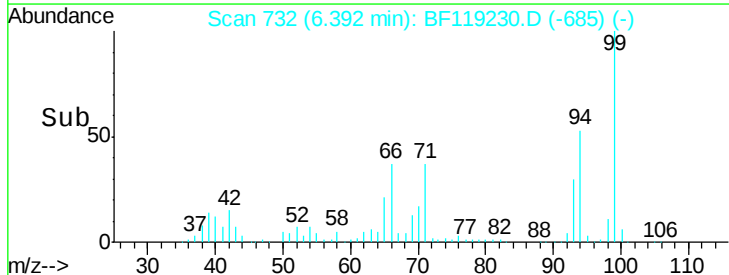
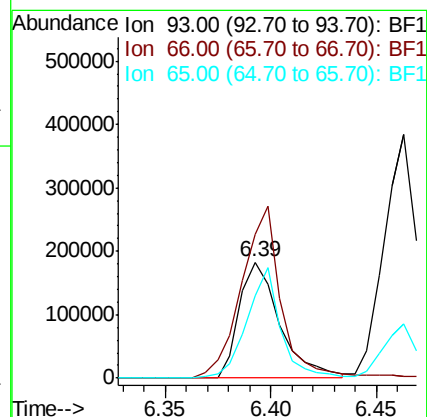
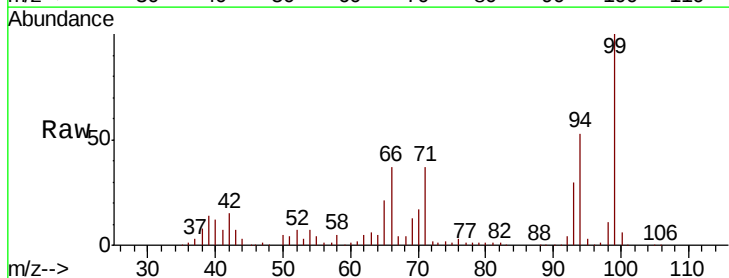
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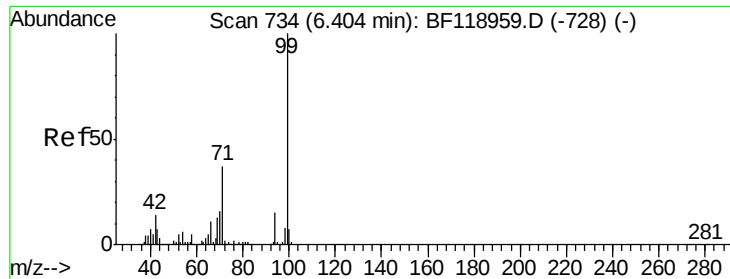
Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		243566		
66	124.6	74.5	111.7#		
65	71.0	45.3	67.9#		





#7

Phenol-d6

Concen: 104.918 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampled :

CR-3MS

Tot Ion: 99 Resp: 1127952

Ion Ratio Lower Upper

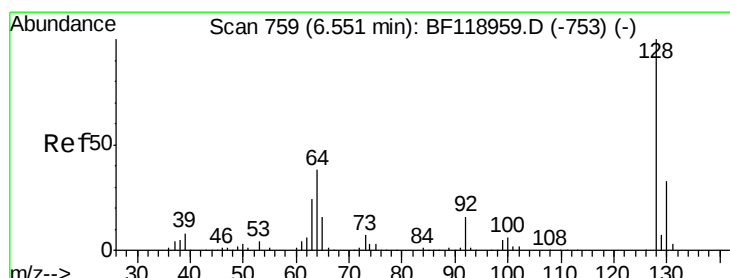
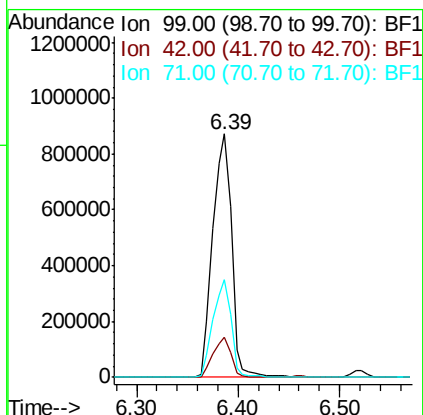
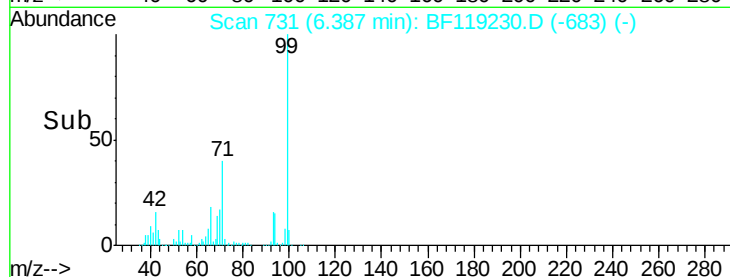
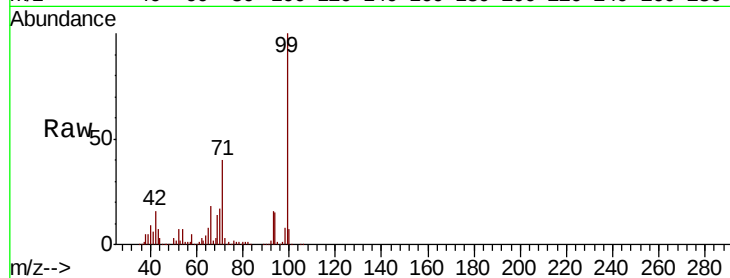
99 100

42 16.2 12.6 18.8

71 40.3 31.0 46.4

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#8

2-Chlorophenol

Concen: 47.719 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

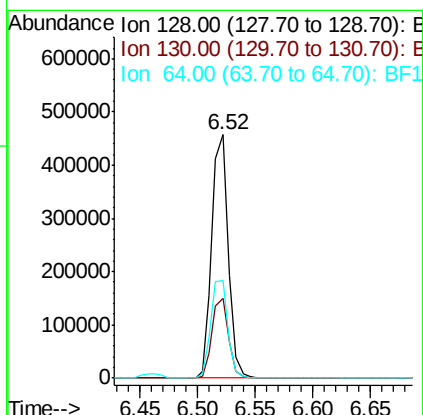
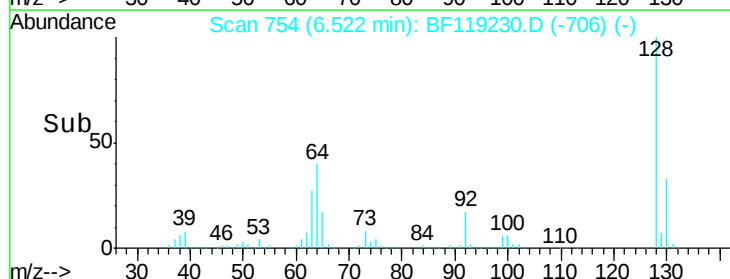
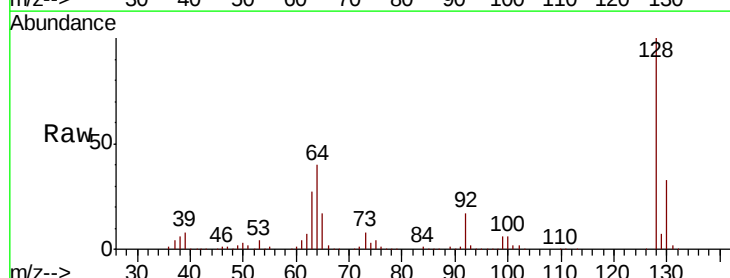
Tgt Ion:128 Resp: 455228

Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 40.1 22.3 62.3





#9

Benzaldehyde

Concen: 48.326 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

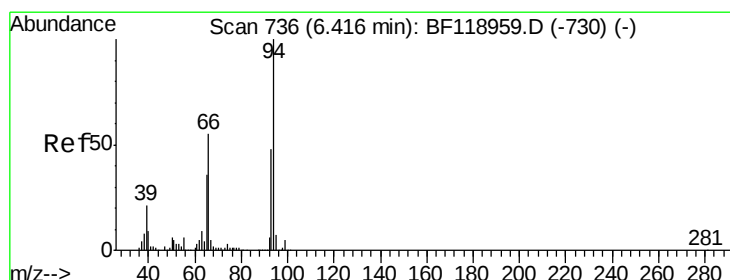
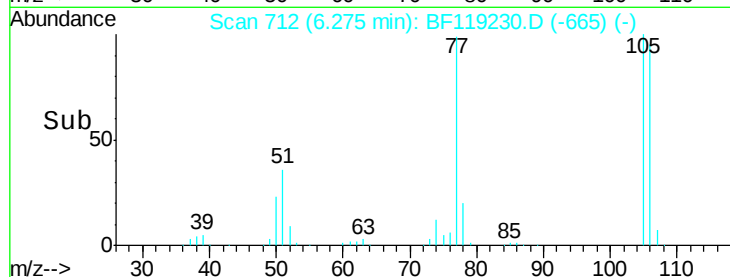
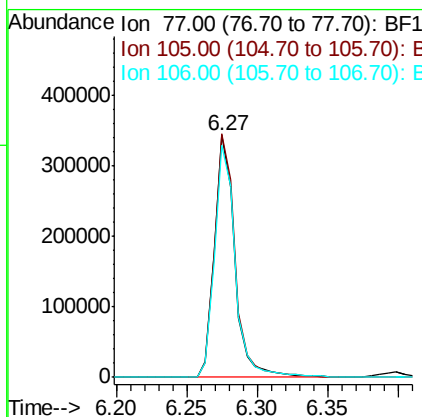
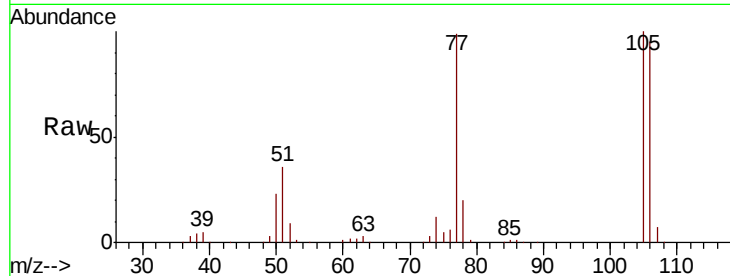
ClientSampleId :

CR-3MS

Tot Ion:	77	Resp:	347113
Ion Ratio	Lower	Upper	
77	100		
105	100.5	80.1	120.1
106	95.7	75.9	115.9

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#10

Phenol

Concen: 45.375 ng

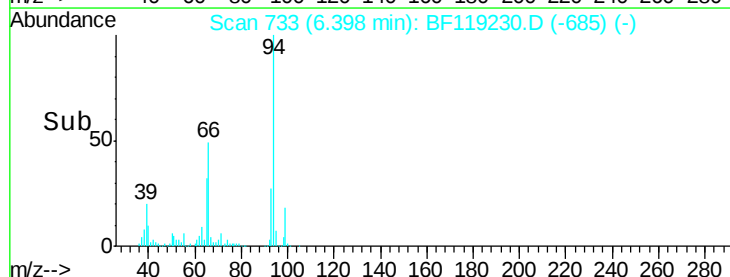
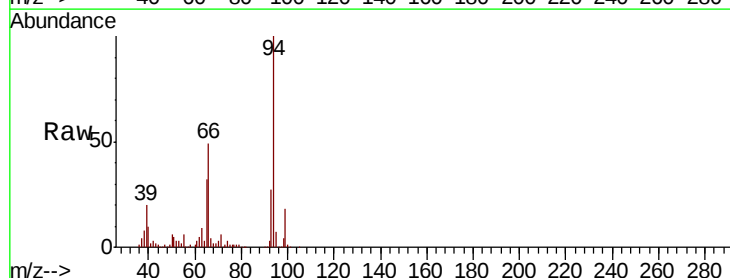
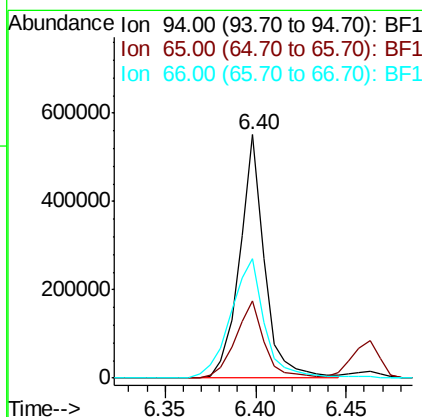
RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Tgt Ion:	94	Resp:	527415
Ion Ratio	Lower	Upper	
94	100		
65	31.7	19.2	59.2
66	49.1	44.4	84.4





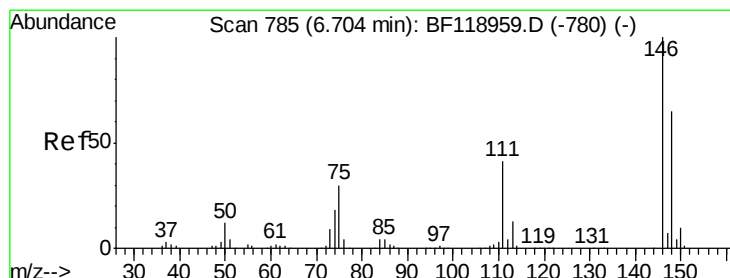
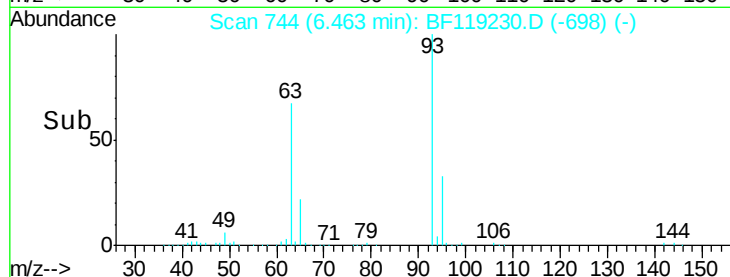
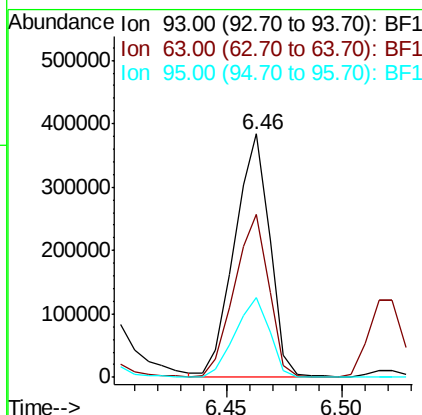
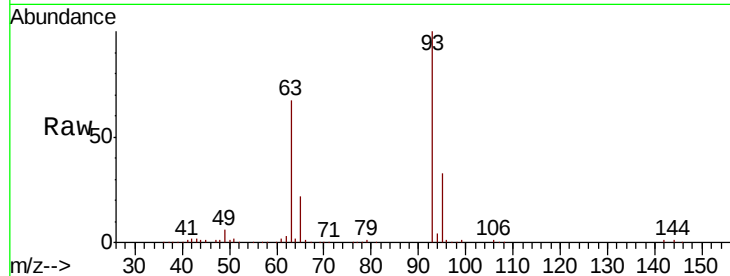
#11
bis(2-Chloroethyl)ether
Concen: 45.733 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampled :
CR-3MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	406738		
63	66.9		45.4	85.4
95	32.9		13.5	53.5

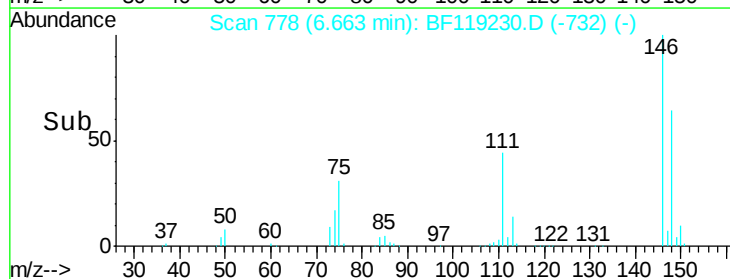
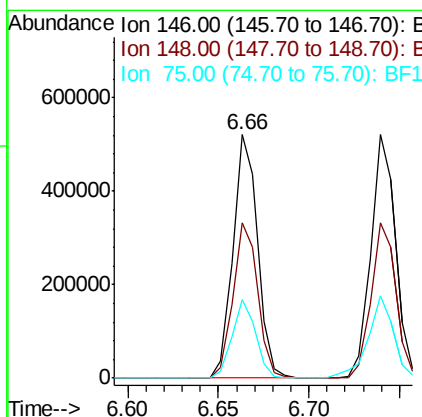
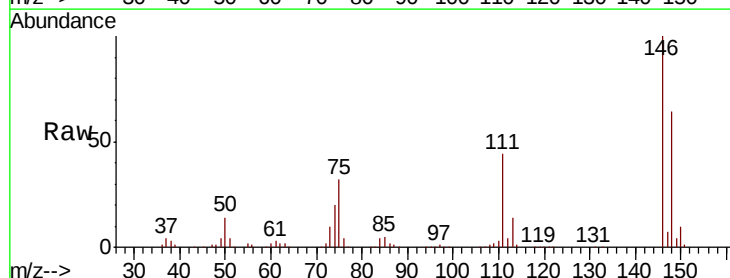
Manual Integrations
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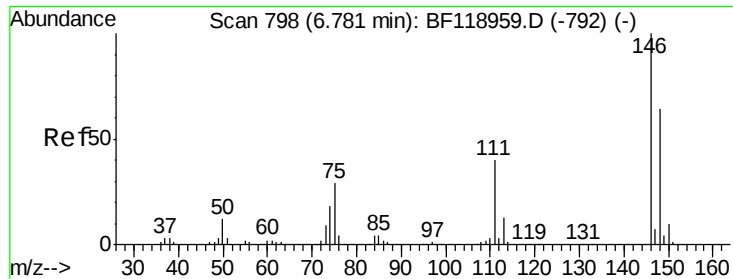
mohammad
3/9/2020 8:27:30 AM



#12
1,3-Dichlorobenzene
Concen: 42.914 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	490681		
148	64.0		52.5	78.7
75	32.4		23.6	35.4





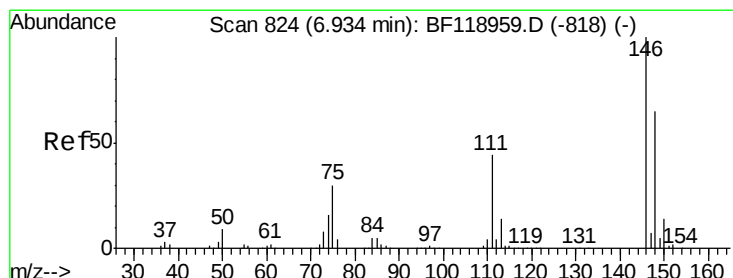
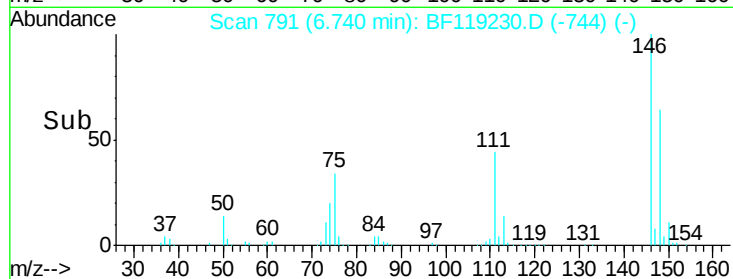
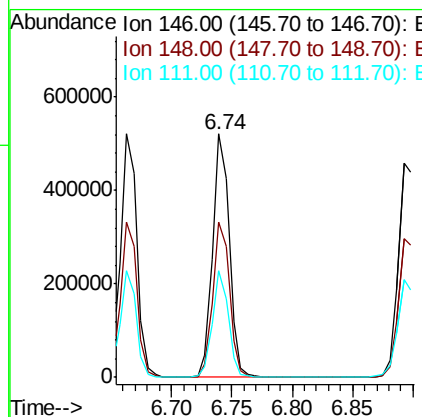
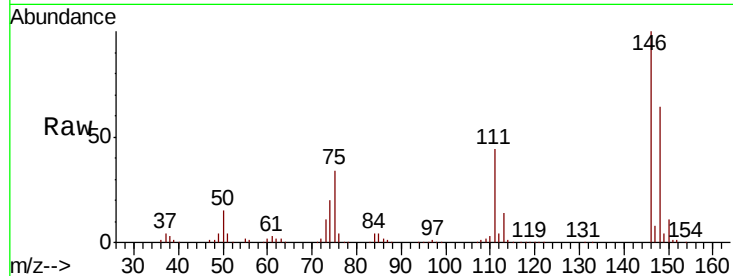
#13
 1,4-Dichlorobenzene
 Concen: 43.449 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampled :
 CR-3MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	43.9	34.8	52.2

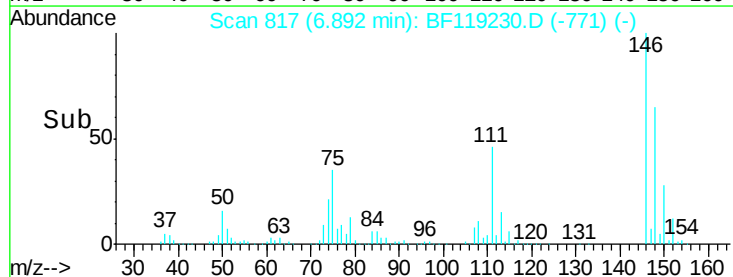
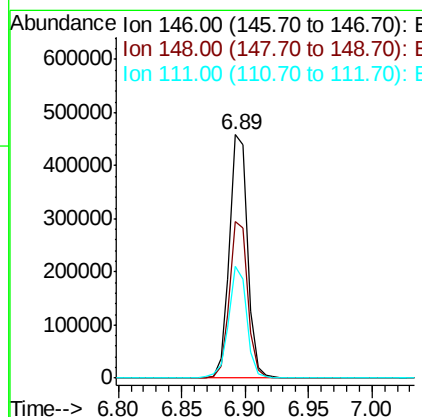
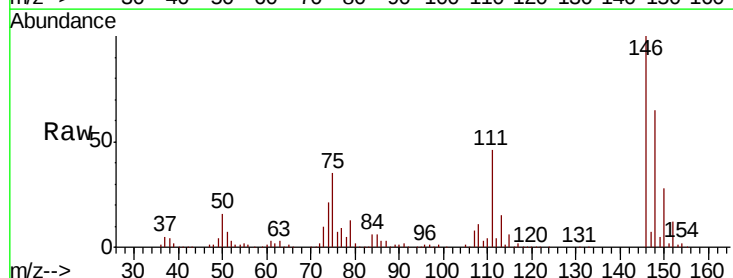
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 43.491 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	45.8	36.2	54.2





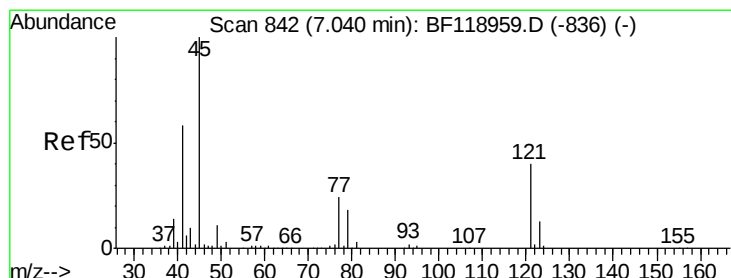
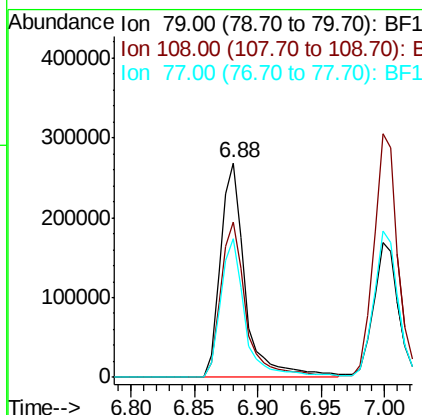
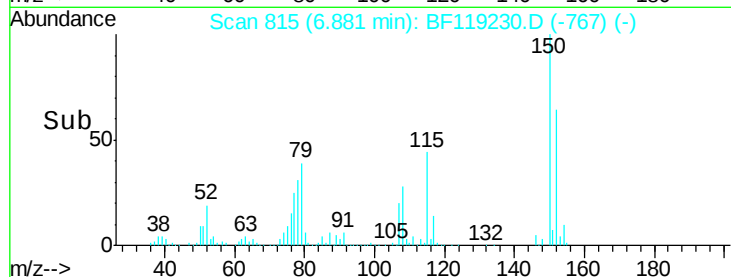
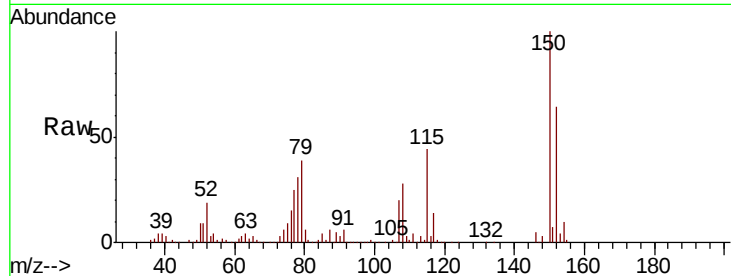
#15
Benzyl Alcohol
Concen: 47.199 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampled :
CR-3MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.3	58.2	87.2
77	64.5	51.2	76.8

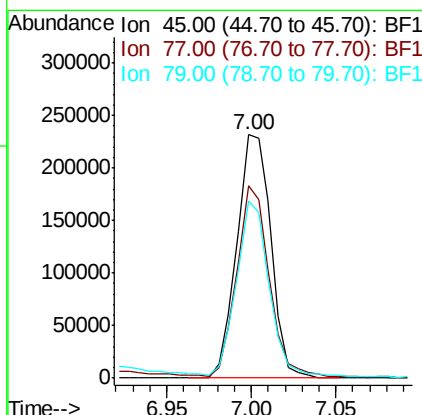
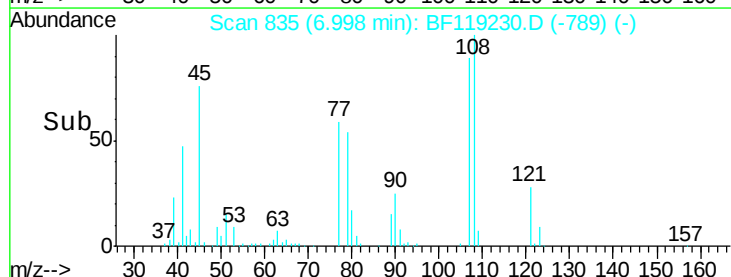
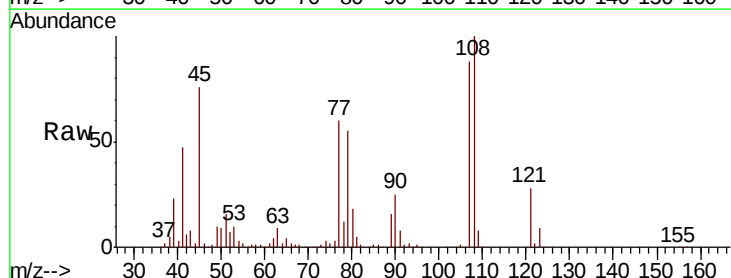
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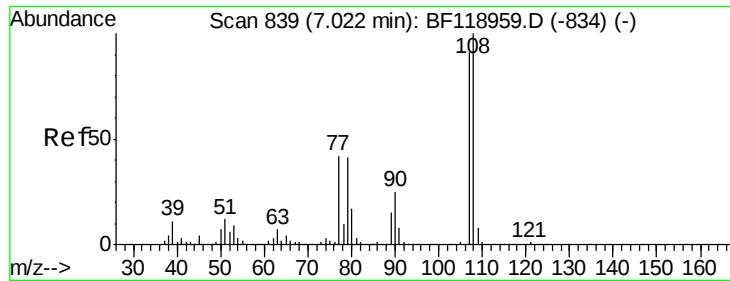
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.260 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	79.3	15.0	55.0#
79	72.8	9.4	49.4#





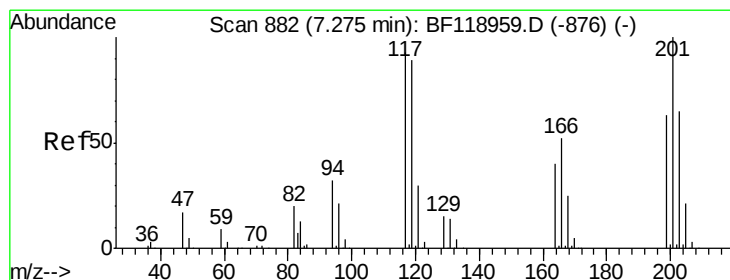
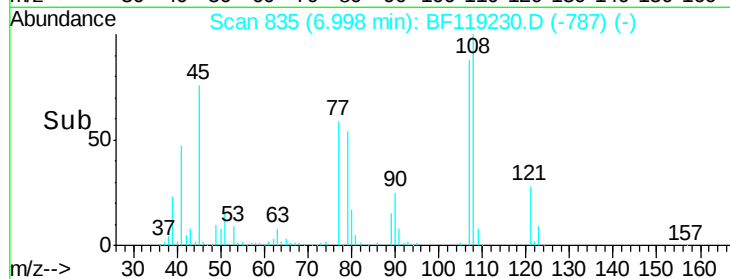
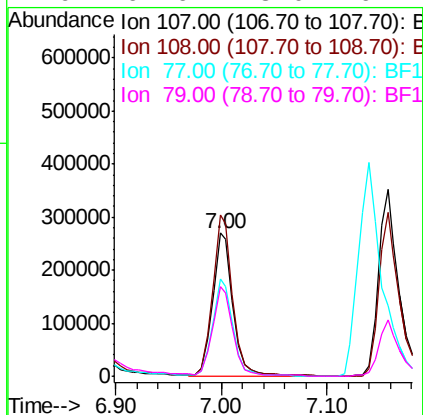
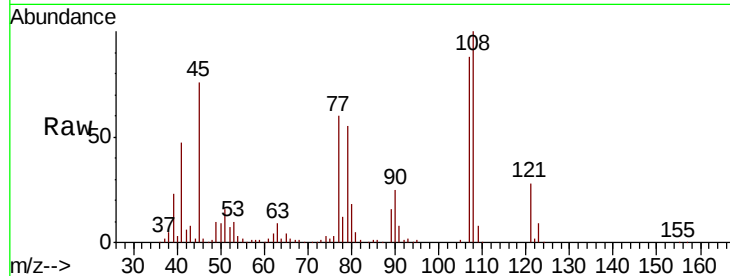
#17
2-Methylphenol
Concen: 46.967 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampled :
CR-3MS

Tot Ion	107	Resp	363262
Ion Ratio	Lower	Upper	
107	100		
108	113.2	87.9	131.9
77	68.2	45.3	67.9#
79	62.6	43.0	64.4

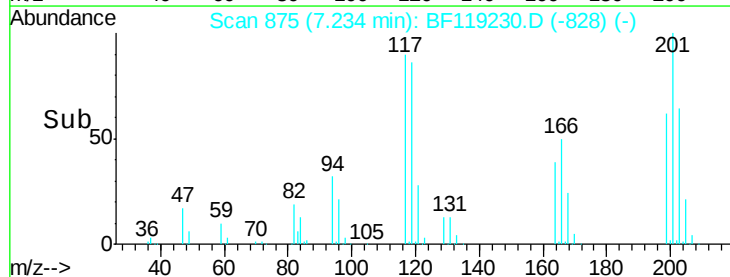
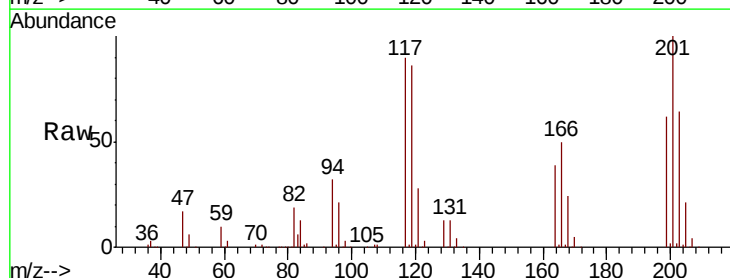
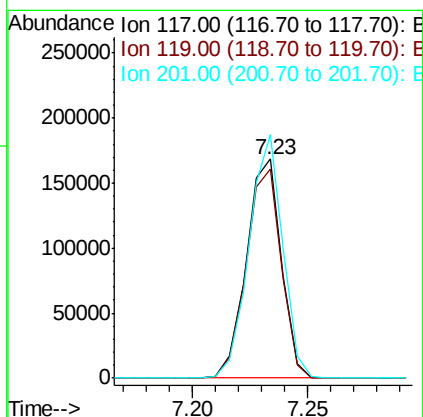
Manual Integrations
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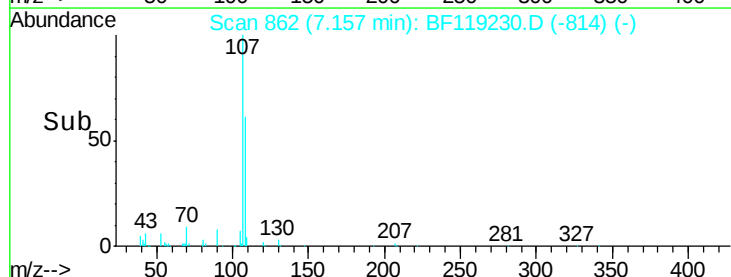
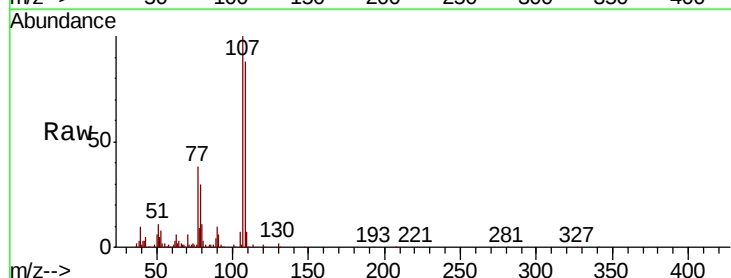
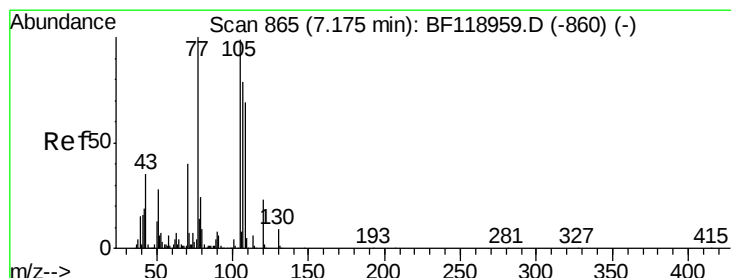
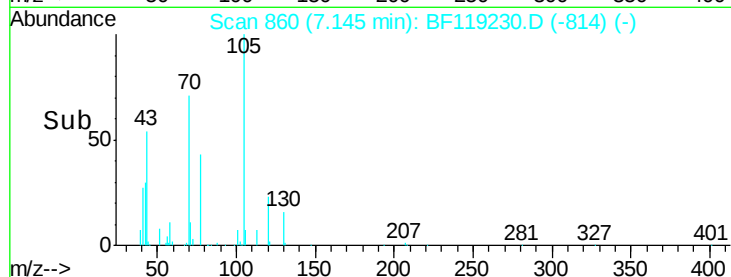
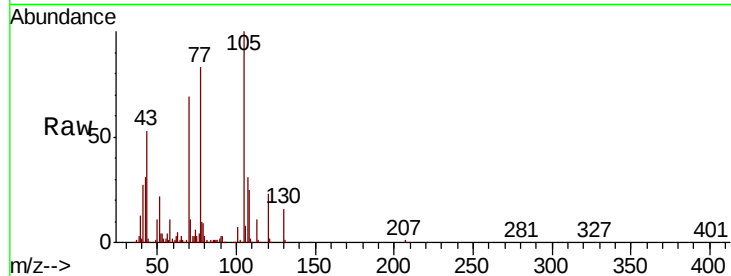
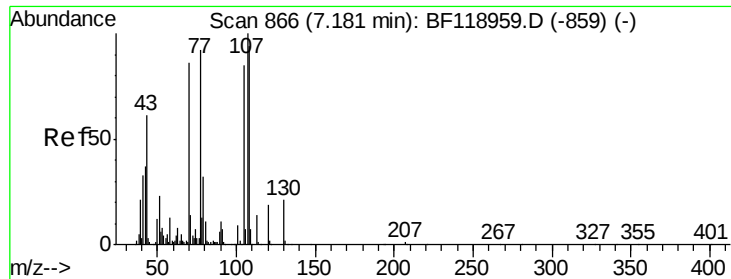
mohammad
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#18
Hexachloroethane
Concen: 43.399 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

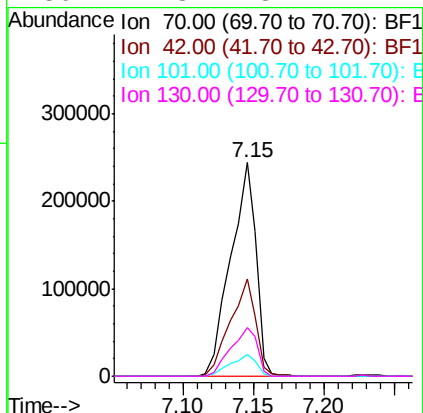
Tgt Ion	117	Resp	177654
Ion Ratio	Lower	Upper	
117	100		
119	95.5	77.5	116.3
201	111.3	82.6	123.8





#19
n-Nitroso-di-n-propylamine
Concen: 48.790 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.5	38.0	57.0
101	9.9	8.2	12.4
130	22.8	18.2	27.4



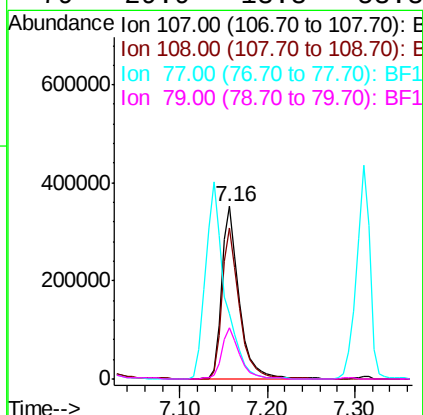
Instrument :
BNA_F
ClientSampleId :
CR-3MS

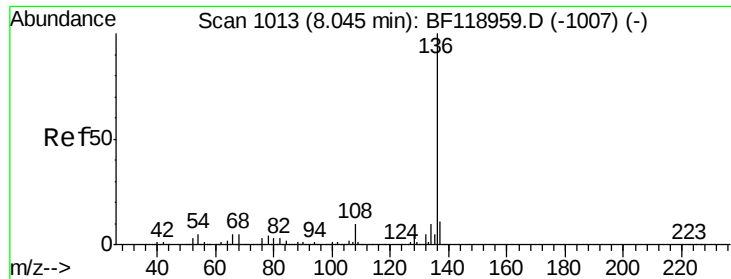
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#20
3+4-Methylphenols
Concen: 50.660 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	71.5	111.5
77	37.6	45.9	85.9#
79	29.9	13.8	53.8





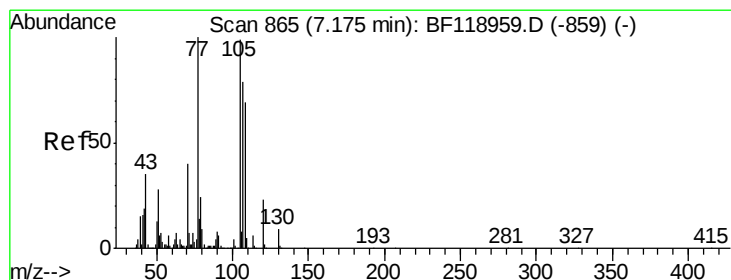
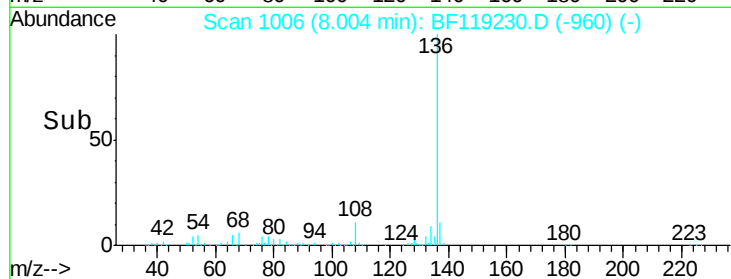
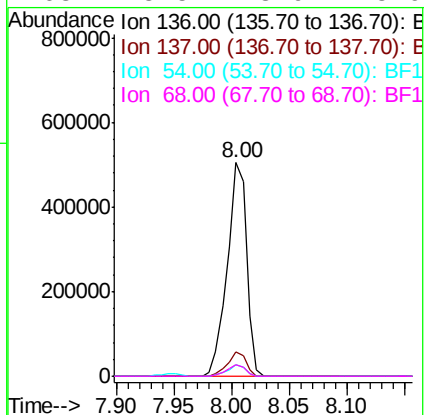
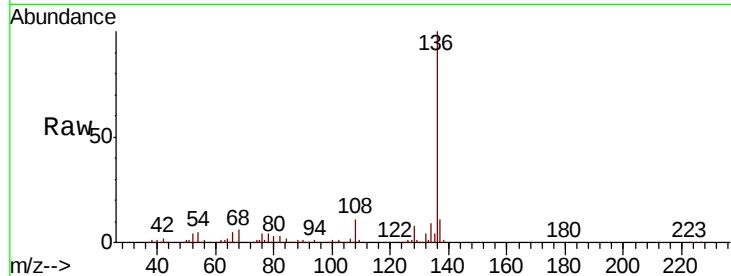
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	587776		
137	11.1		8.8	13.2
54	5.5		3.8	5.6
68	5.5		3.9	5.9

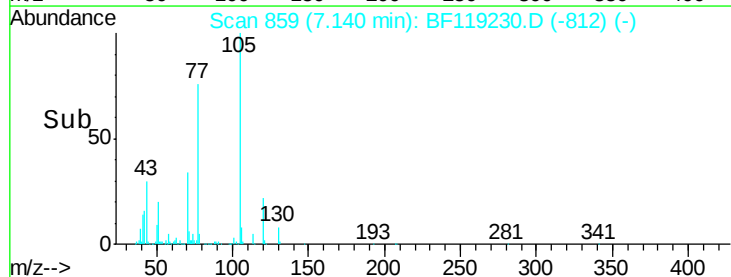
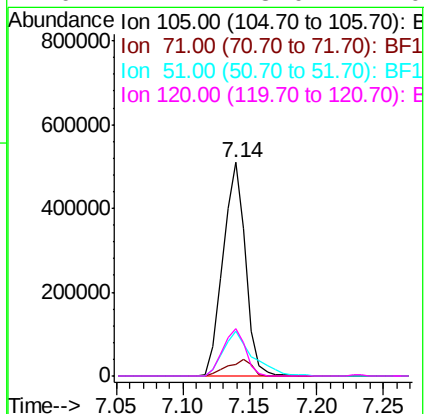
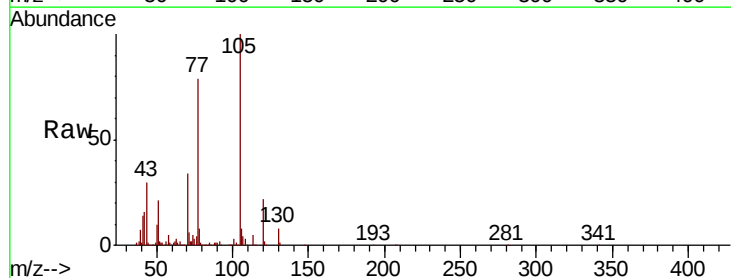
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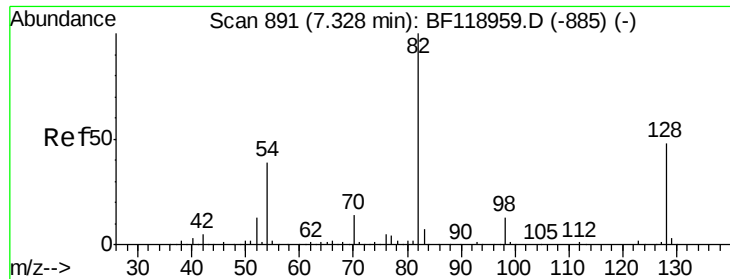
mohammad
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#22
Acetophenone
Concen: 44.735 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	608377		
71	5.5		3.0	4.4#
51	21.0		20.1	30.1
120	22.4		18.0	27.0





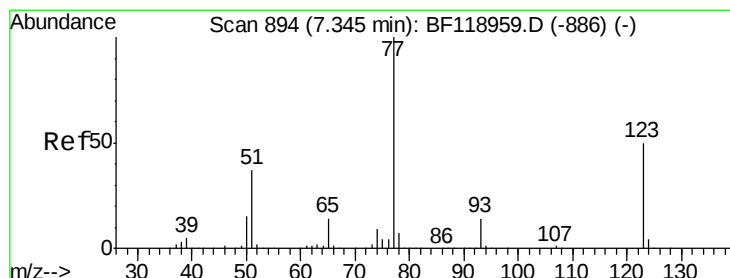
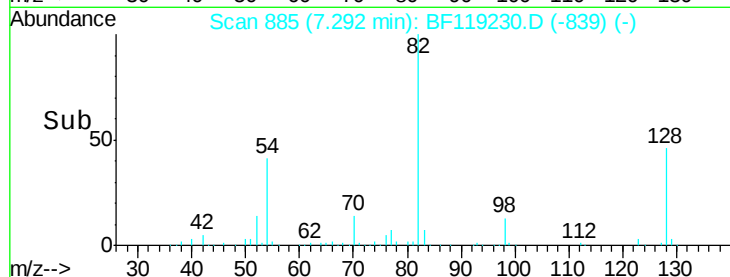
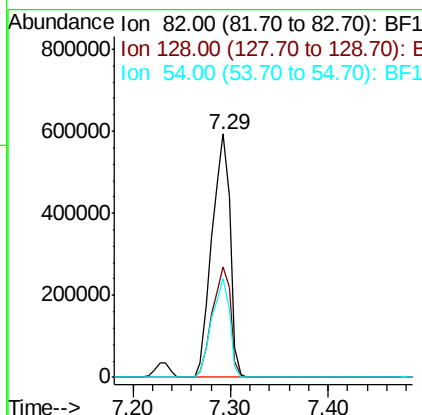
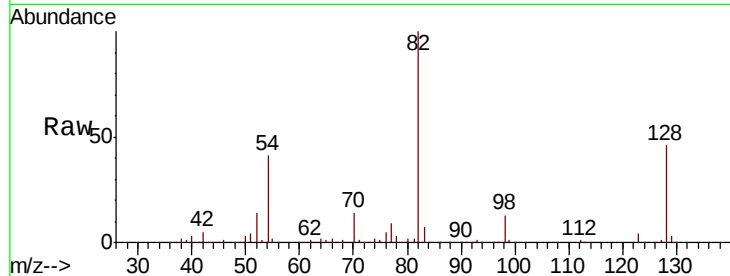
#23
 Nitrobenzene-d5
 Concen: 68.806 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.9	56.9
54	40.9	33.4	50.2

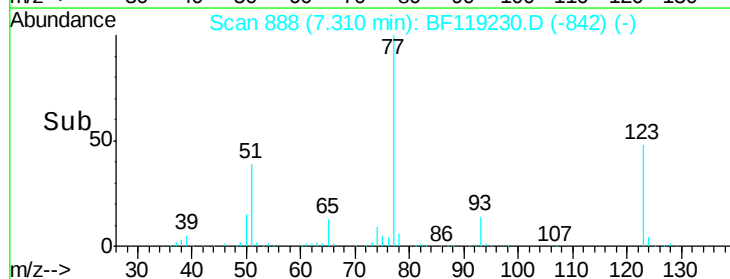
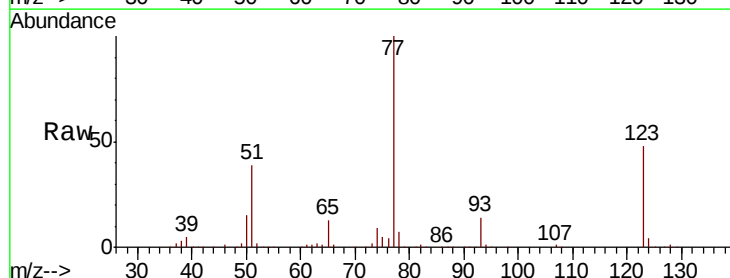
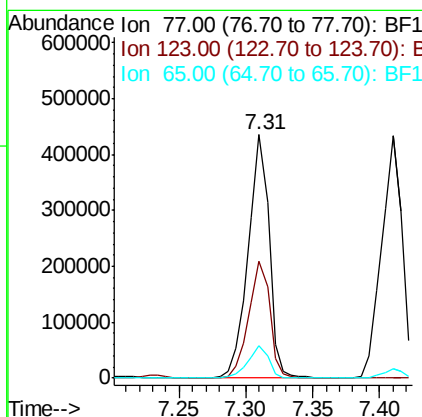
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#24
 Nitrobenzene
 Concen: 42.417 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.03 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	40.2	60.2
65	13.3	10.8	16.2





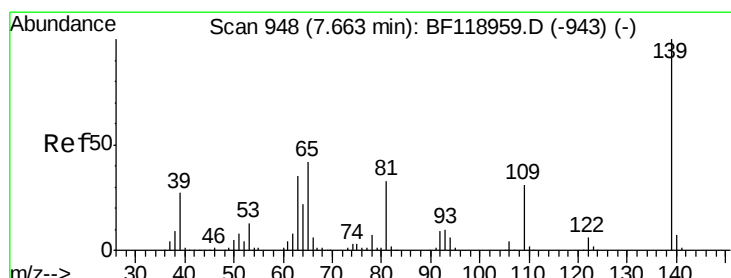
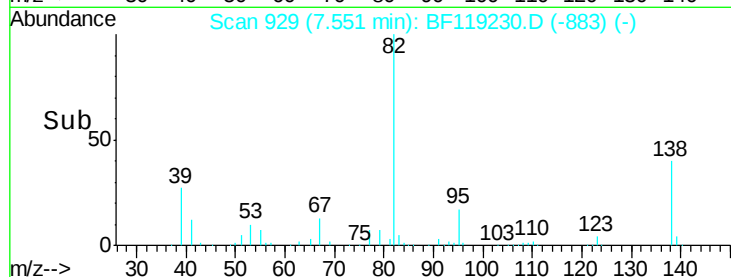
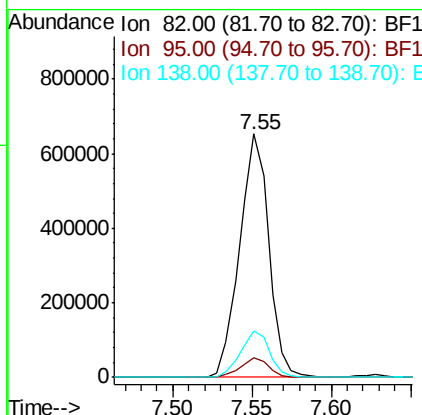
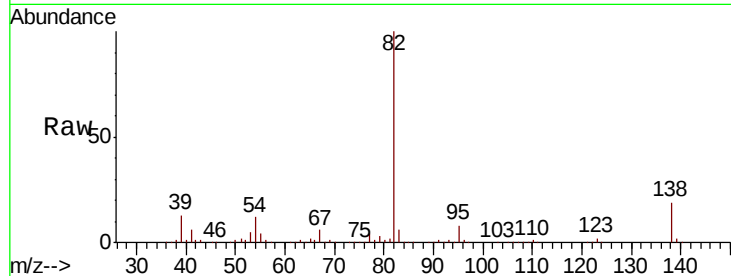
#25
Isophorone
Concen: 43.179 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	834785		
95	8.0		6.4	9.6
138	19.0		15.7	23.5

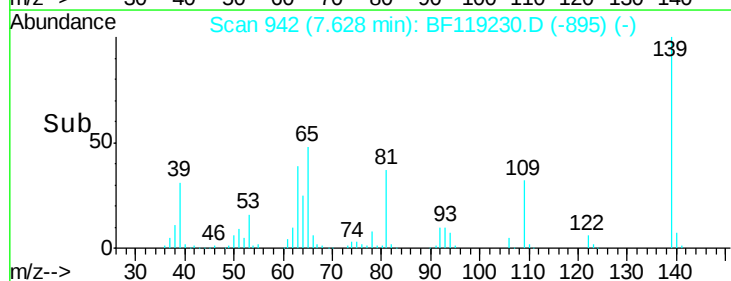
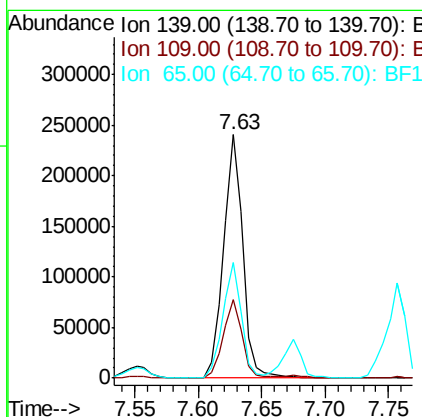
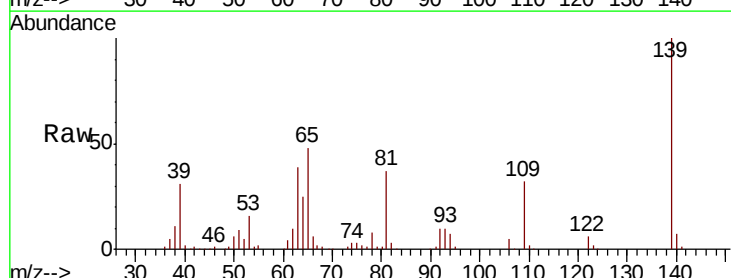
Manual Integrations
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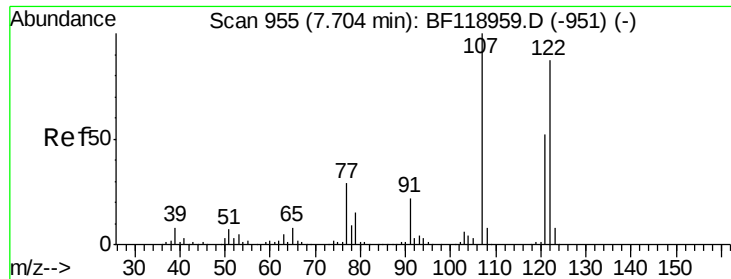
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#26
2-Nitrophenol
Concen: 43.495 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	253702		
109	32.4		25.7	38.5
65	47.7		37.1	55.7





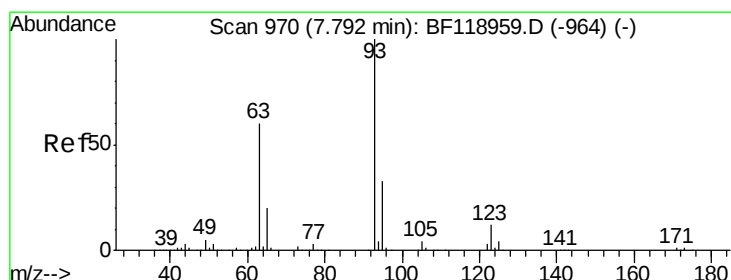
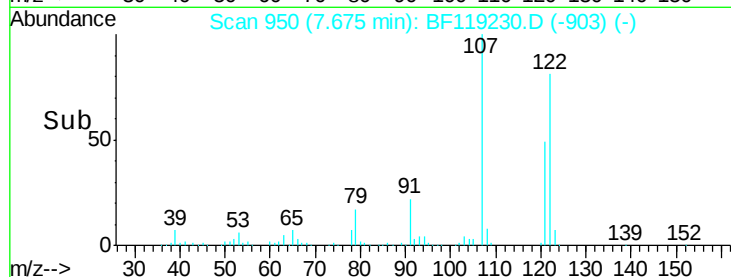
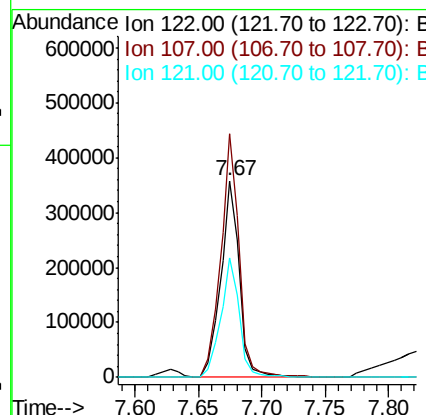
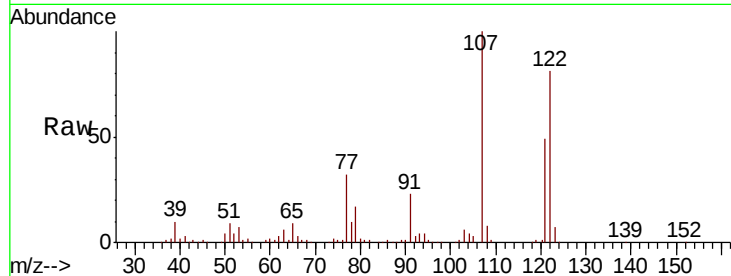
#27
2,4-Dimethylphenol
Concen: 46.648 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.9	93.8	140.6
121	61.0	48.2	72.2

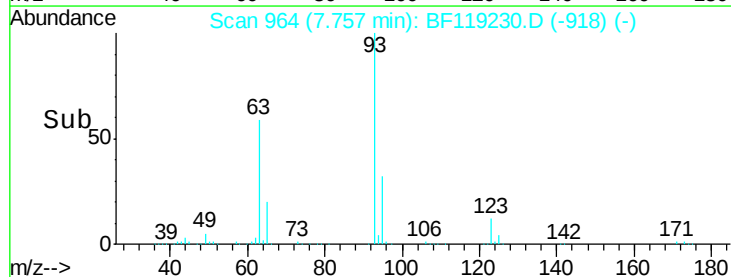
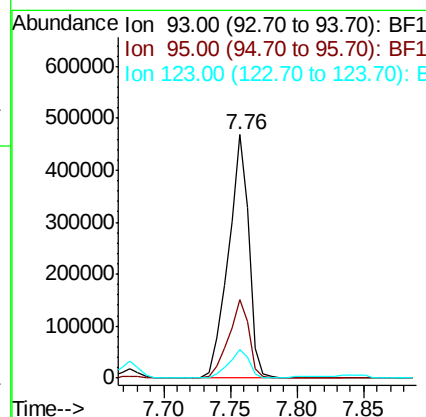
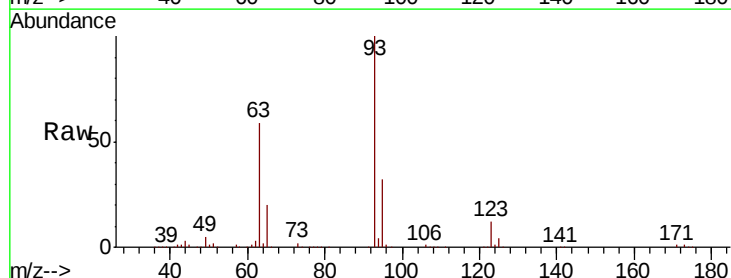
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#28
bis(2-Chloroethoxy)methane
Concen: 40.399 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	11.8	10.2	15.2





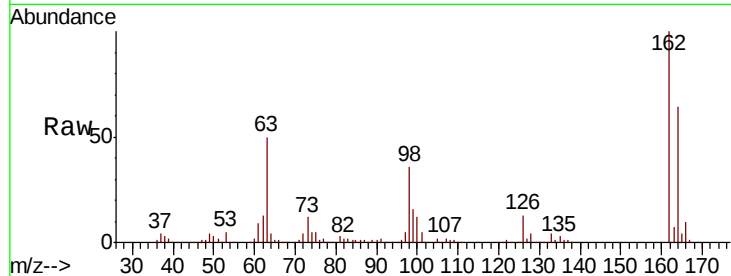
#29
 2,4-Dichlorophenol
 Concen: 42.623 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MS

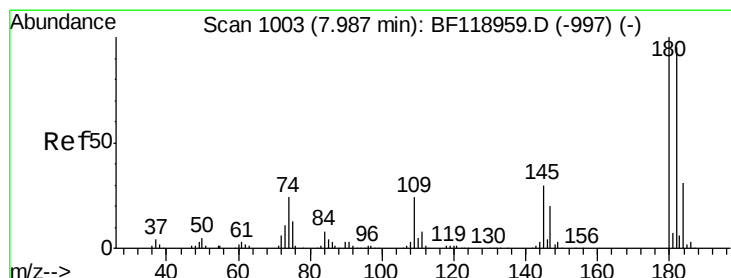
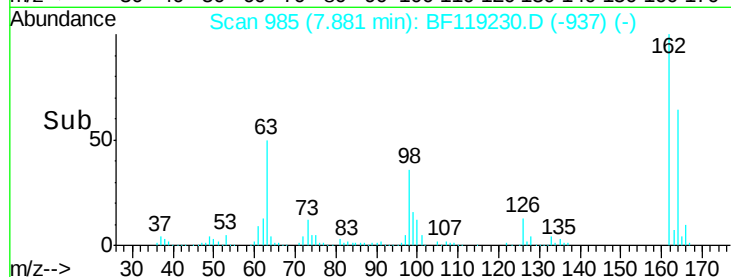
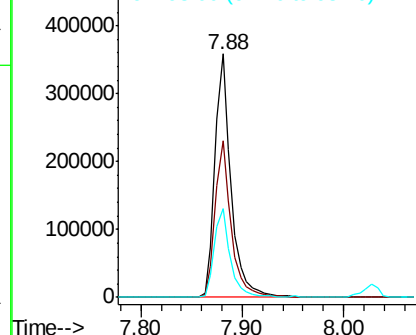
Tot Ion:	162	Resp:	397214
Ion Ratio	Lower	Upper	
162	100		
164	64.4	45.2	85.2
98	36.3	17.4	57.4

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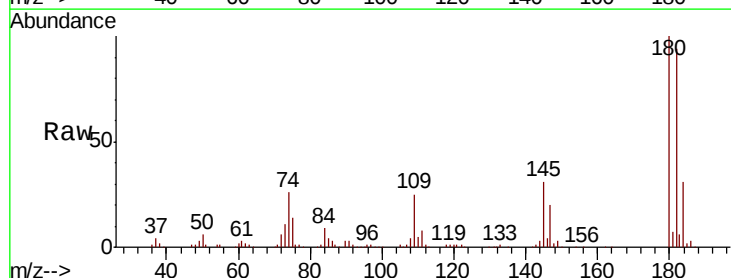


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

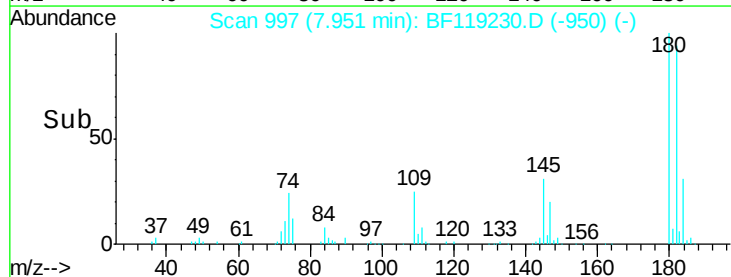
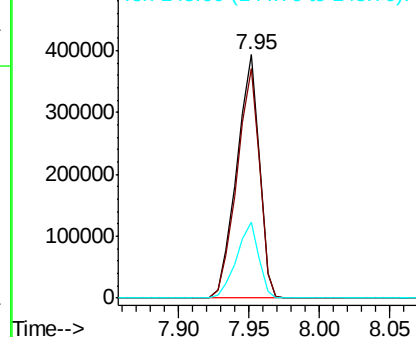


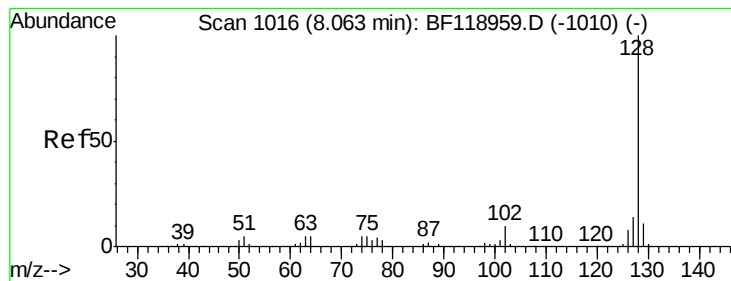
#30
 1,2,4-Trichlorobenzene
 Concen: 39.722 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion:	180	Resp:	438899
Ion Ratio	Lower	Upper	
180	100		
182	94.1	77.8	116.6
145	31.1	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: 42.355 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

CR-3MS

Tot Ion:128 Resp: 1291108

Ion Ratio Lower Upper

128 100

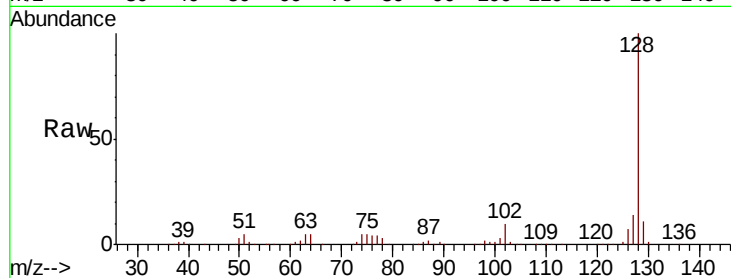
129 11.5 9.4 14.2

127 13.8 11.4 17.2

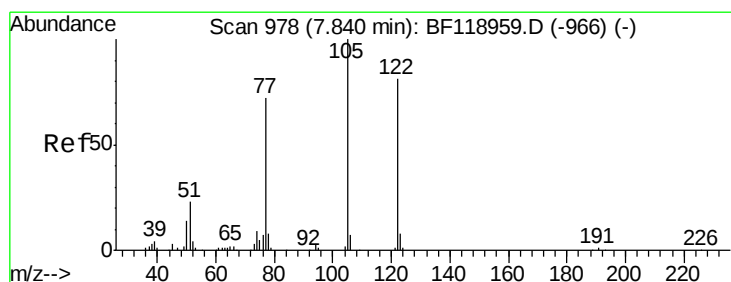
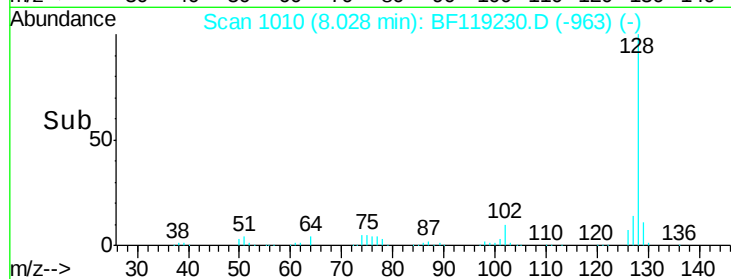
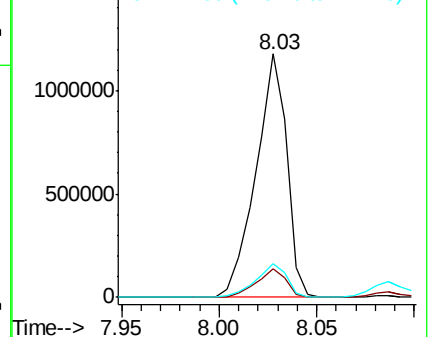
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.097 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

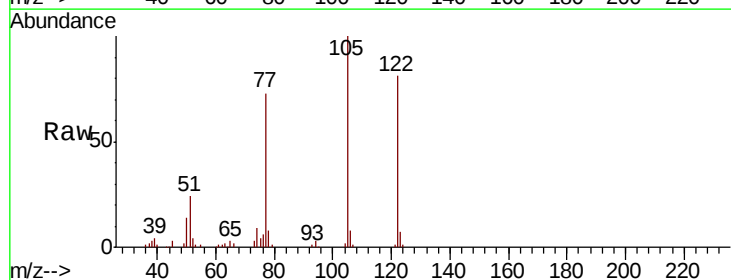
Tgt Ion:122 Resp: 217519

Ion Ratio Lower Upper

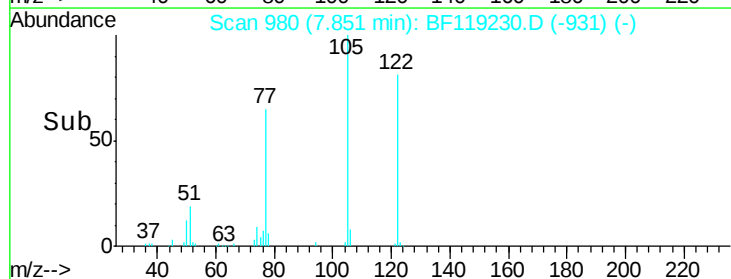
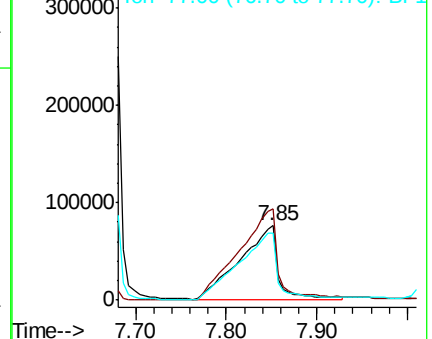
122 100

105 123.6 106.3 146.3

77 90.6 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





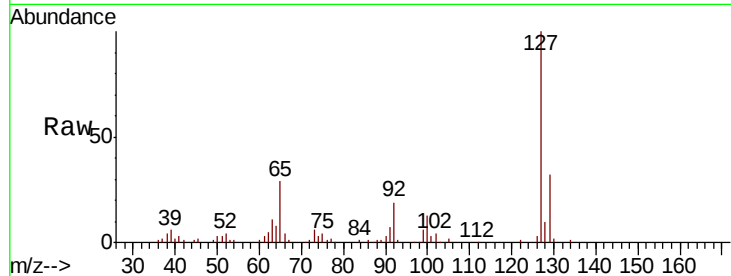
#33
4-Chloroaniline
Concen: 9.644 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

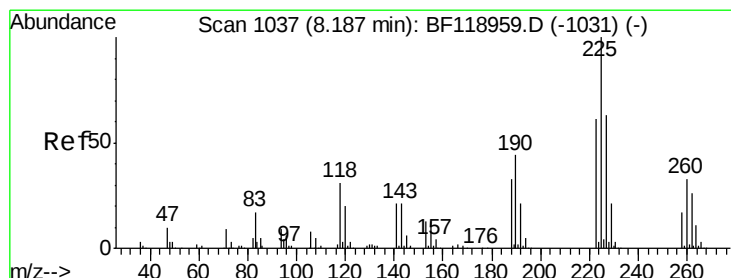
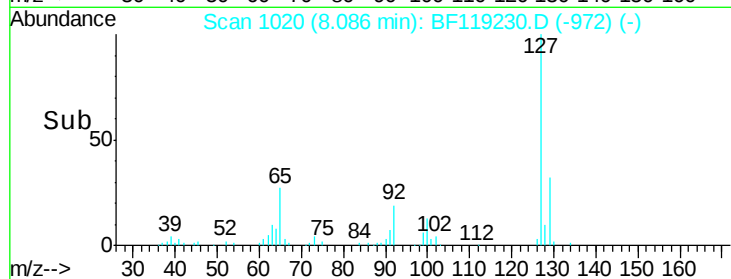
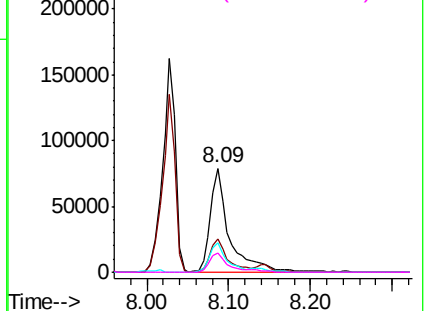
Tot Ion	Ratio	Resp	Lower	Upper
127	100	126436		
129	32.5	25.9	38.9	
65	28.6	23.9	35.9	
92	19.0	16.3	24.5	

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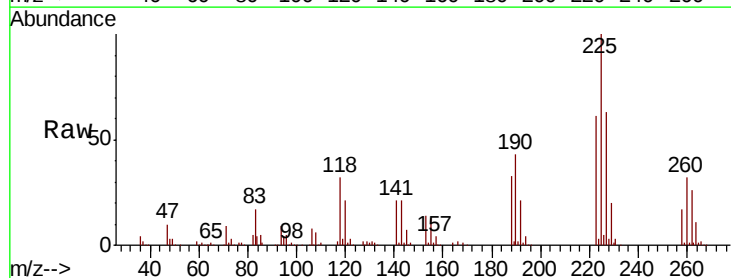


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

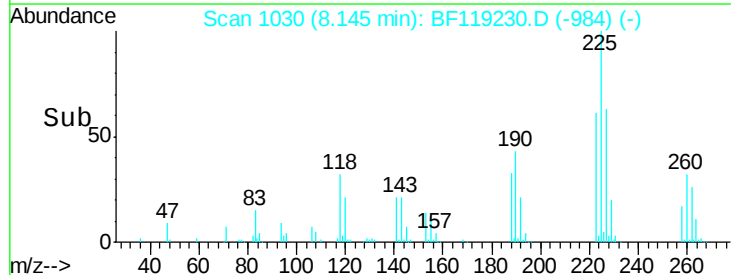
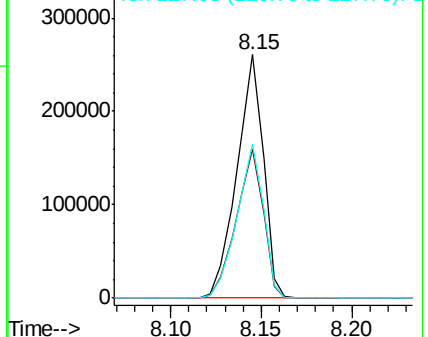


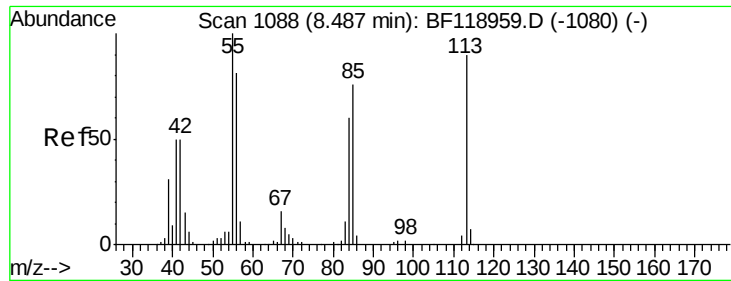
#34
Hexachlorobutadiene
Concen: 38.432 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	264512		
223	60.9	49.4	74.2	
227	63.2	52.9	79.3	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





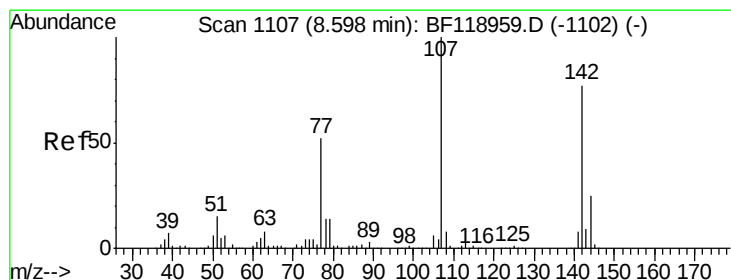
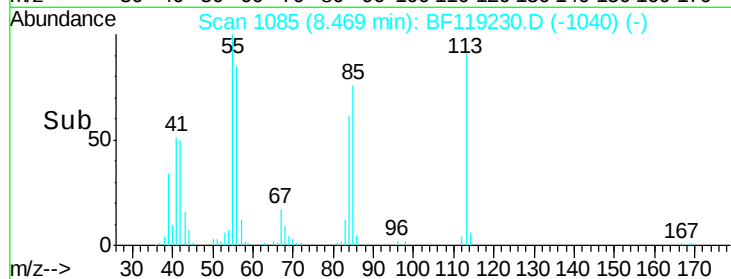
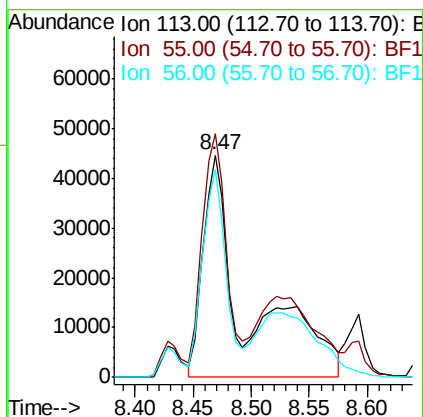
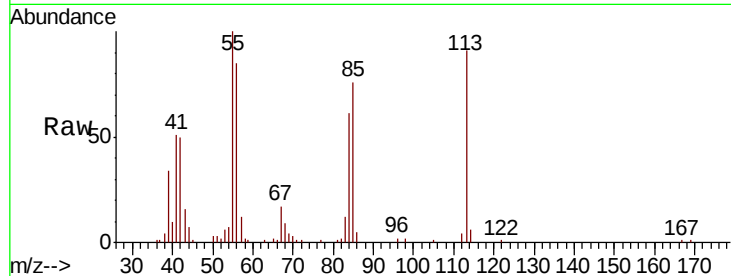
#35
Caprolactam
Concen: 39.990 ng/ml
RT: 8.47 min Scan# 1085
Delta R.T. -0.04 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	109.6	95.7	135.7
56	93.4	73.1	113.1

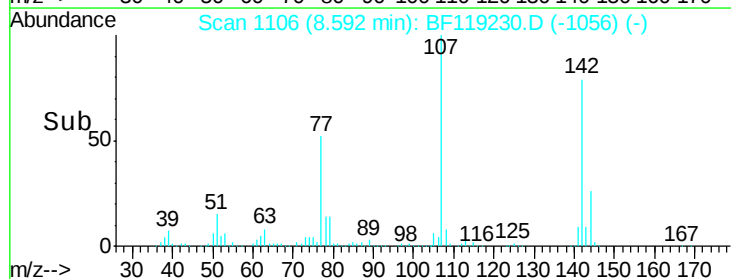
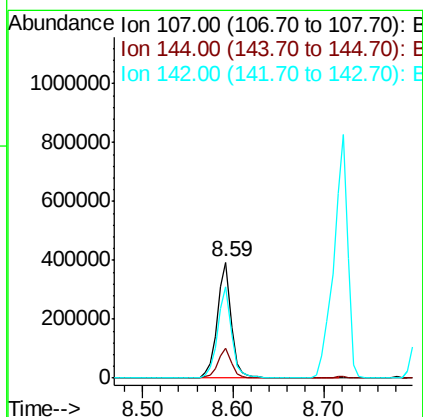
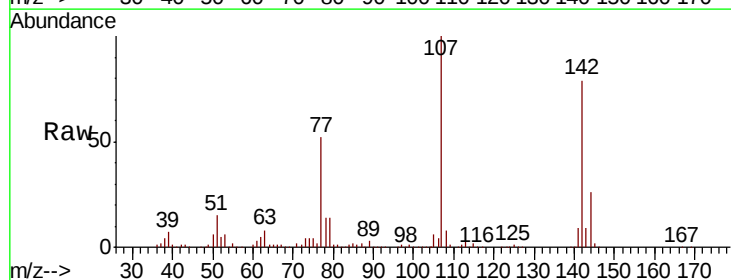
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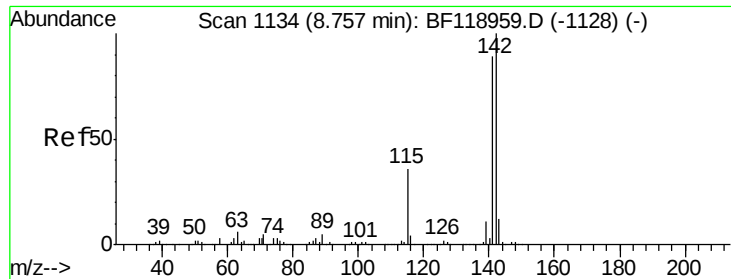
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#36
4-Chloro-3-methylphenol
Concen: 44.715 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.1	30.1
142	78.9	61.4	92.2





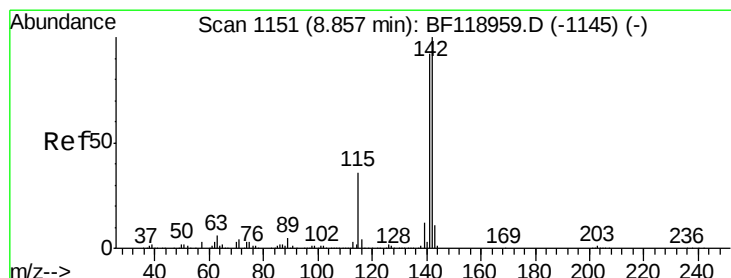
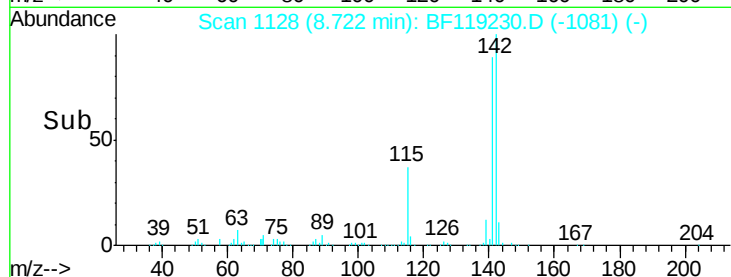
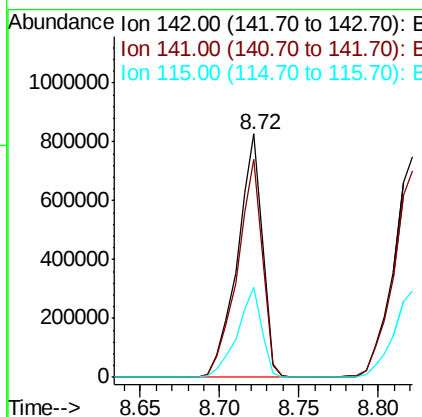
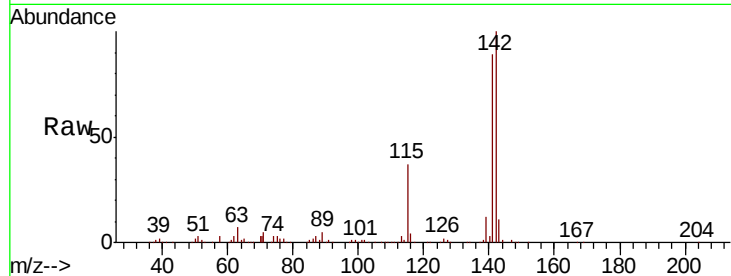
#37
2-Methylnaphthalene
Concen: 43.857 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	899695		
141	89.3	72.3	108.5	
115	36.9	30.6	45.8	

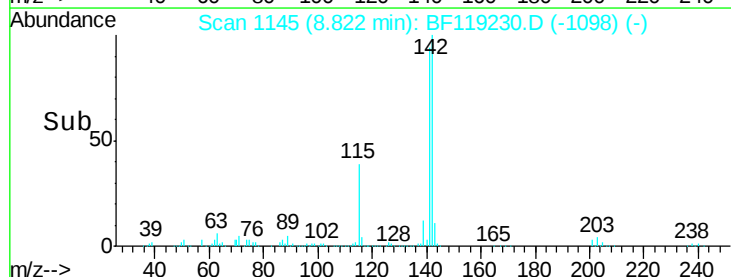
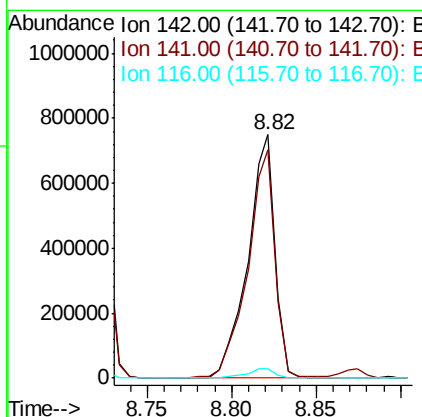
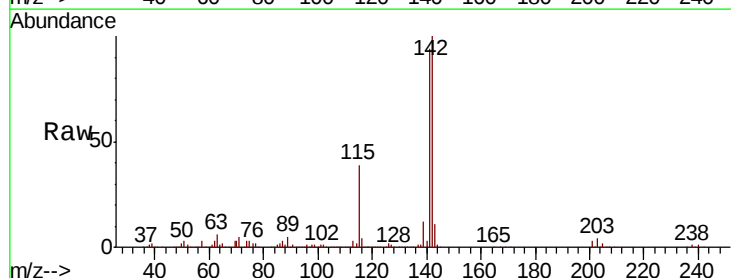
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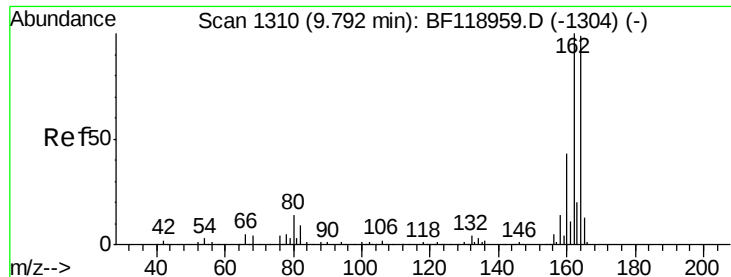
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#38
1-Methylnaphthalene
Concen: 43.360 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	836521		
141	93.5	75.8	113.6	
116	4.0	3.1	4.7	





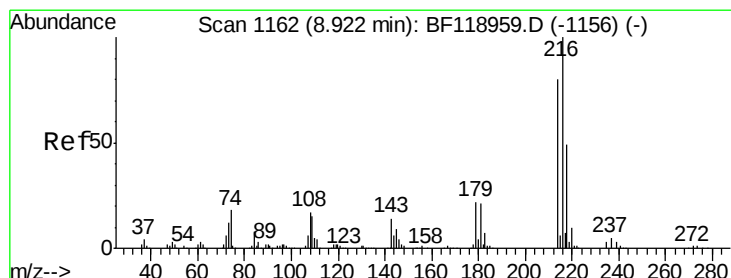
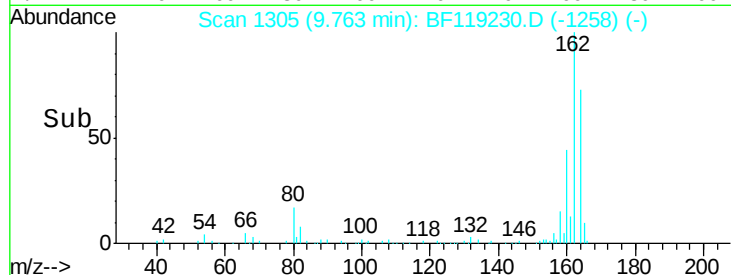
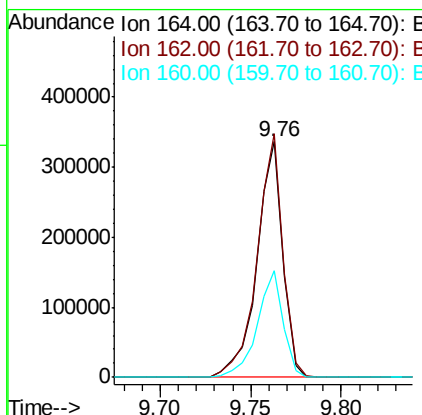
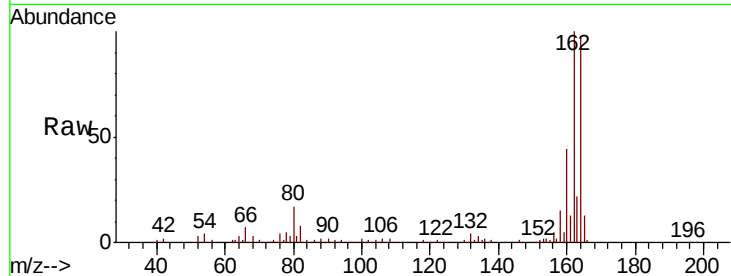
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.8
160	45.6	36.0	54.0

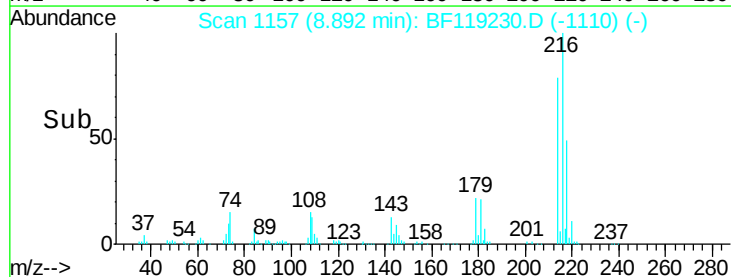
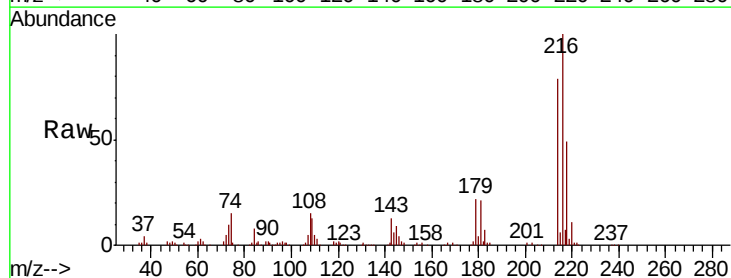
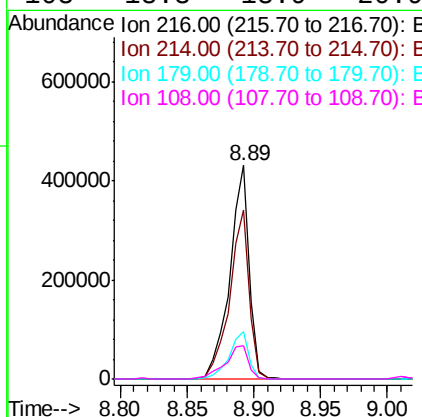
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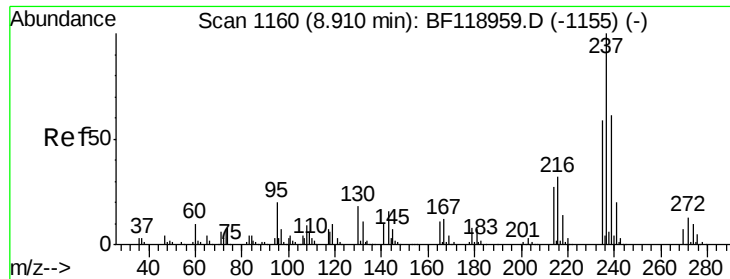
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.487 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.3	94.9
179	22.2	17.7	26.5
108	18.3	13.9	20.9





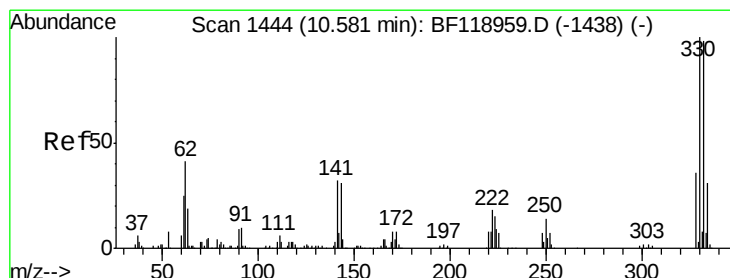
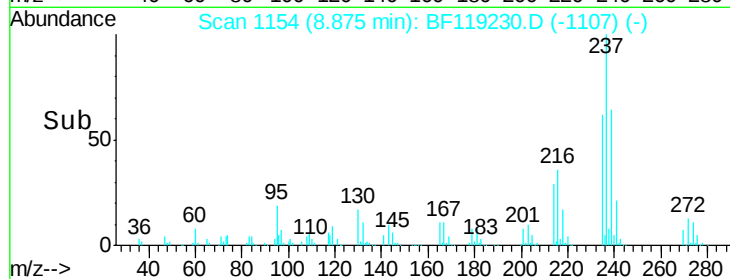
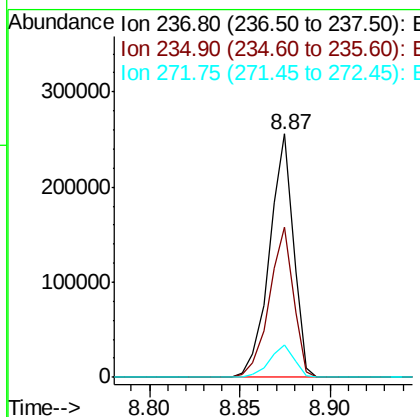
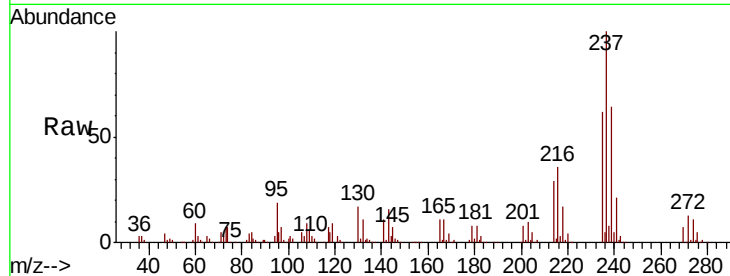
#41
Hexachlorocyclopentadiene
Concen: 60.470 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.5	42.3	82.3
272	13.5	0.0	33.5

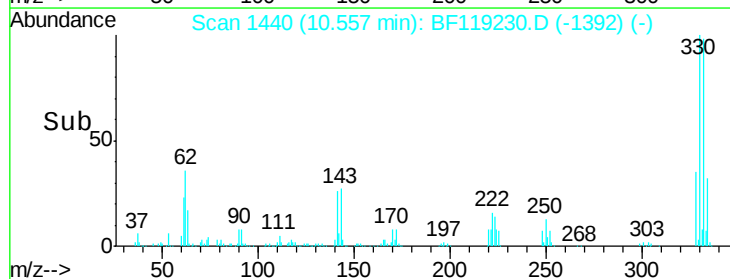
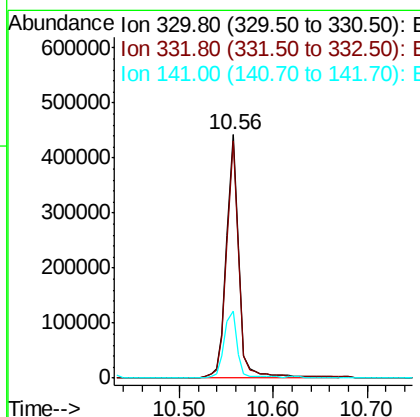
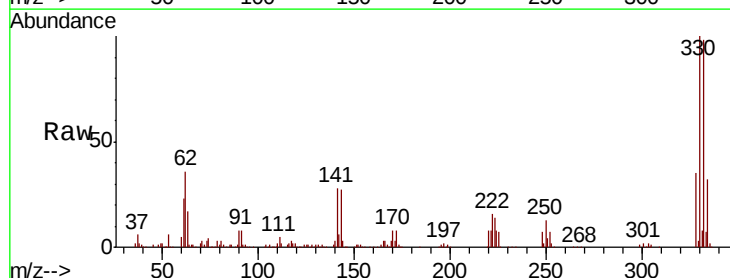
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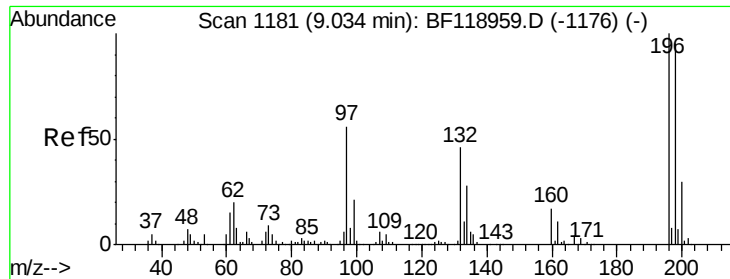
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#42
2,4,6-Tribromophenol
Concen: 95.943 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.1	76.0	114.0
141	29.5	22.9	34.3





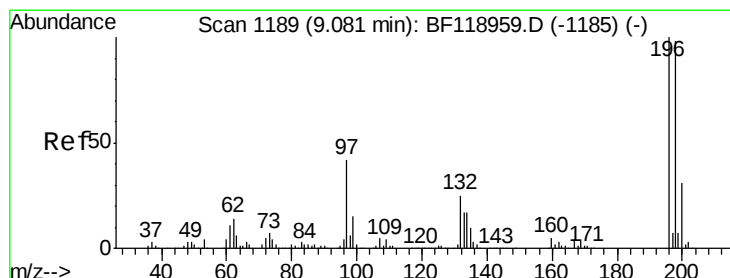
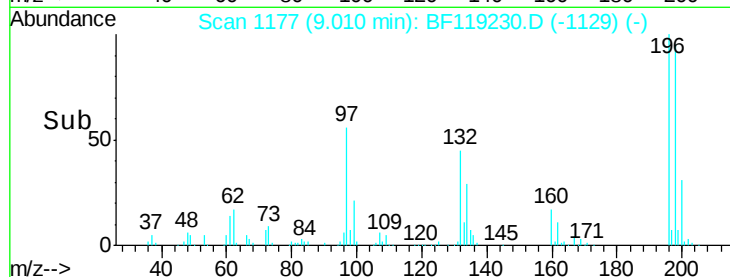
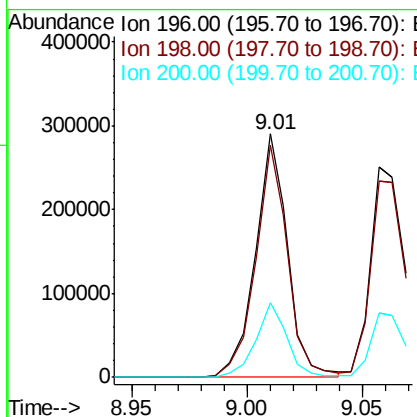
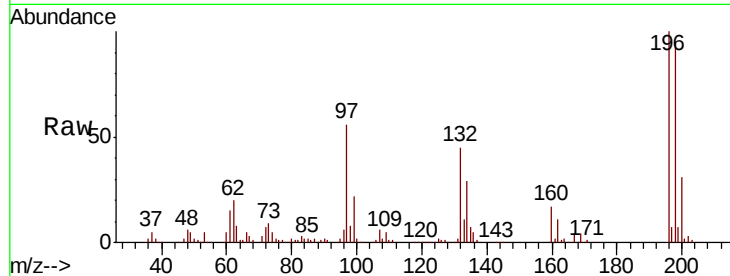
#43
 2,4,6-Trichlorophenol
 Concen: 39.994 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MS

Tot Ion:	196	Resp:	282296
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.1	115.7
200	30.6	25.0	37.6

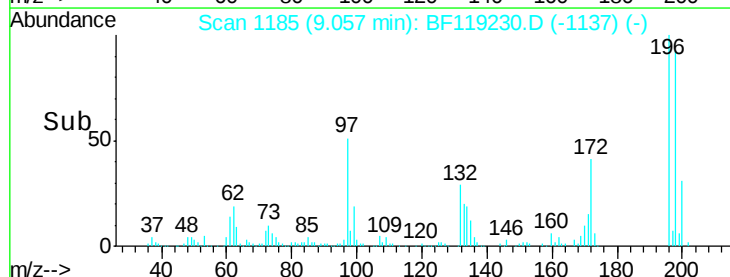
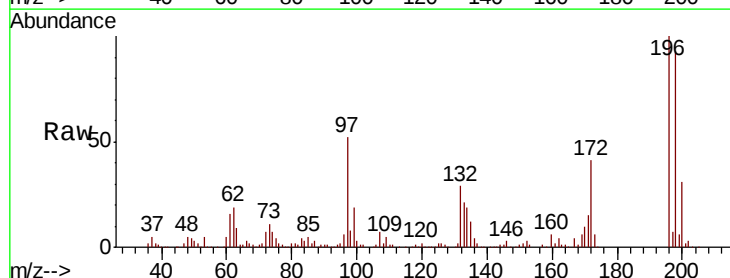
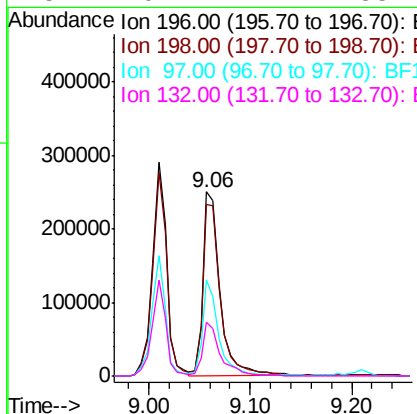
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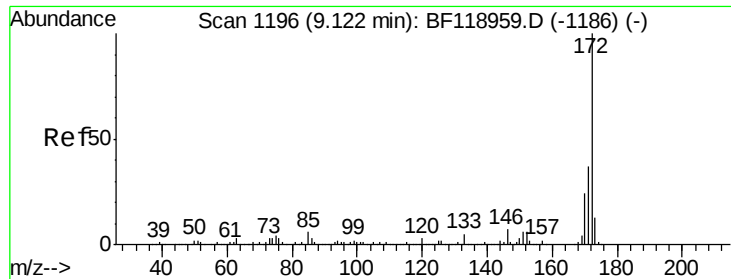
mohammad
 3/9/2020 8:27:30 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.780 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion:	196	Resp:	294643
Ion Ratio	Lower	Upper	
196	100		
198	93.3	76.8	115.2
97	52.1	38.5	57.7
132	29.4	22.2	33.4





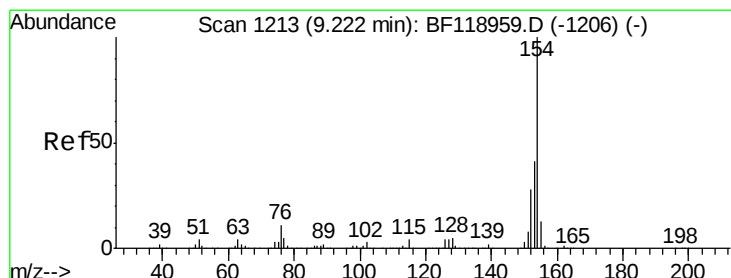
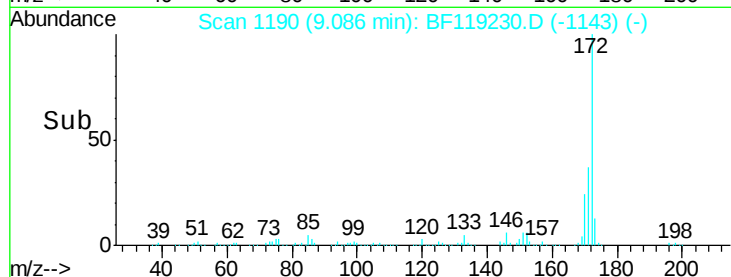
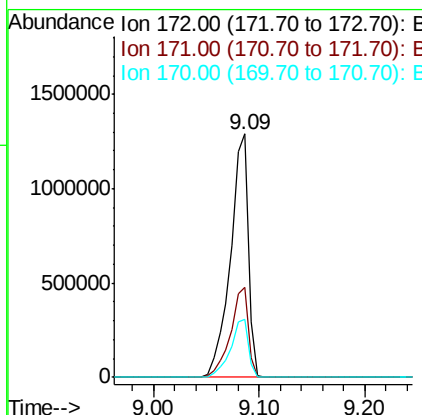
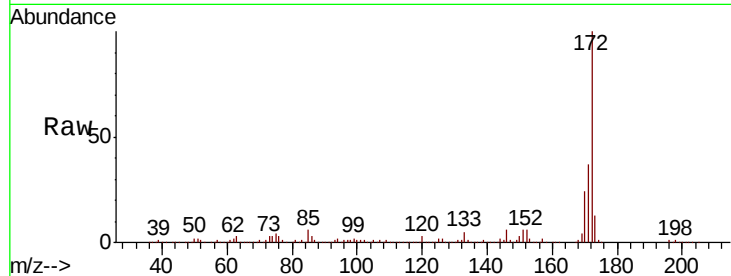
#45
2-Fluorobiphenyl
Concen: 66.649 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	45.8
170	24.0	20.2	30.2

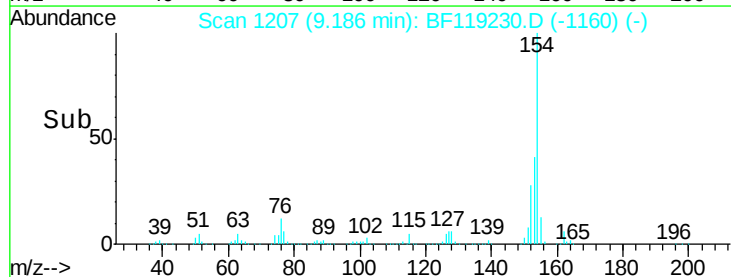
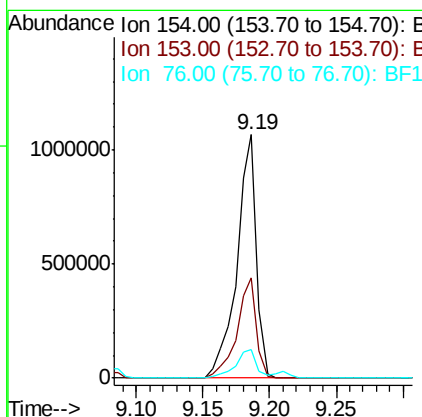
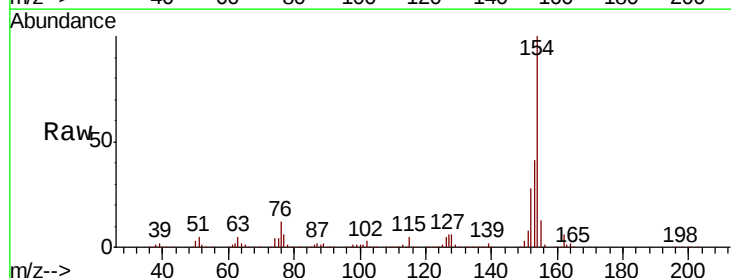
Manual Integrations
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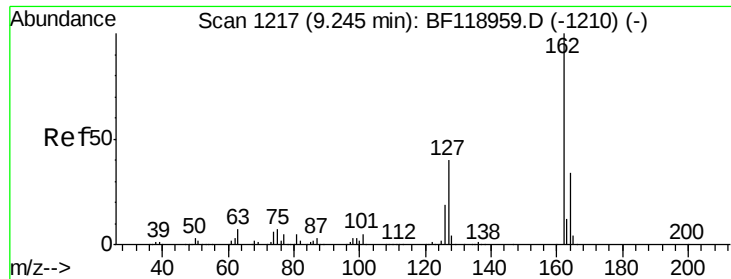
mohammad
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#46
1,1'-Biphenyl
Concen: 40.544 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.8	62.8
76	11.5	0.0	32.2





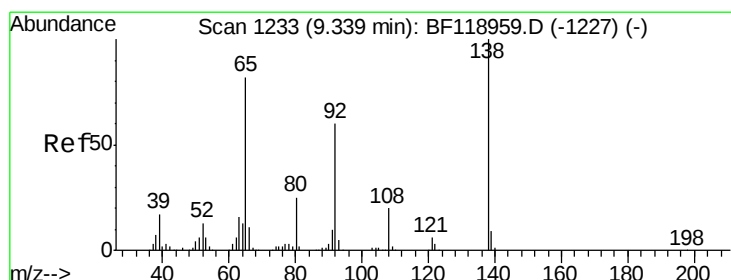
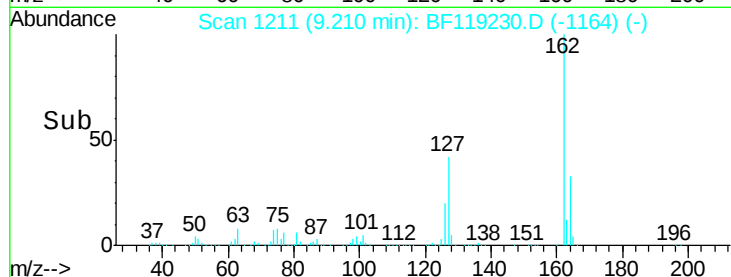
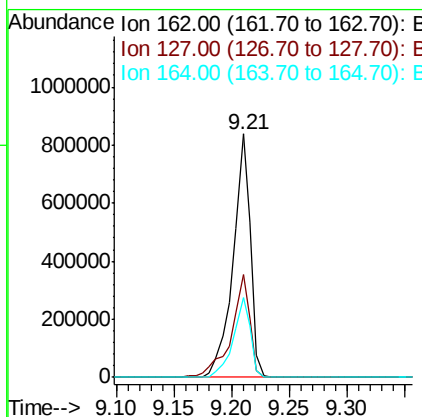
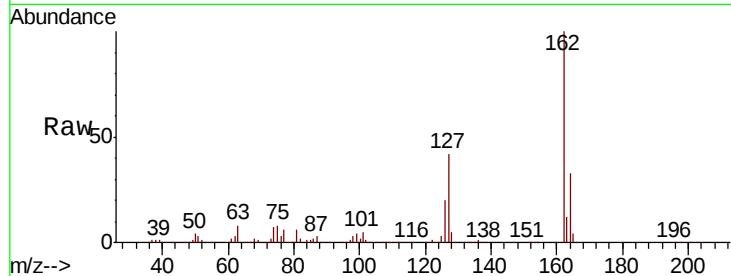
#47
 2-Chloronaphthalene
 Concen: 40.031 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampled :
 CR-3MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.1	35.0	52.4	
164	33.0	27.2	40.8	

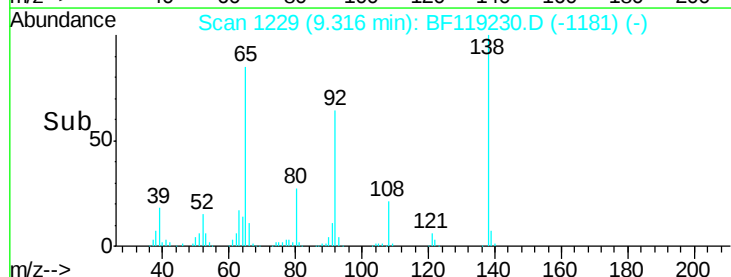
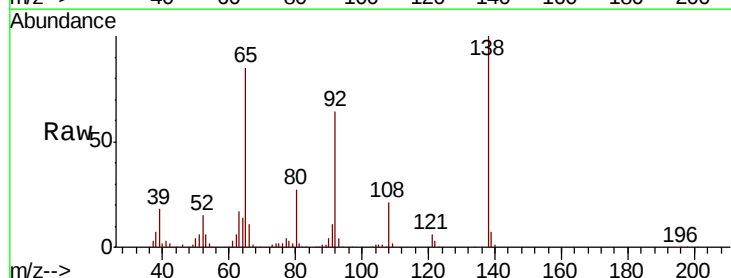
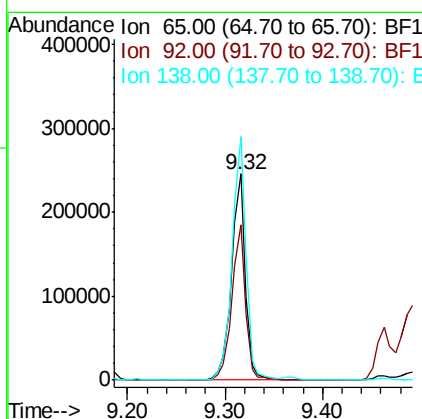
Manual Integrations
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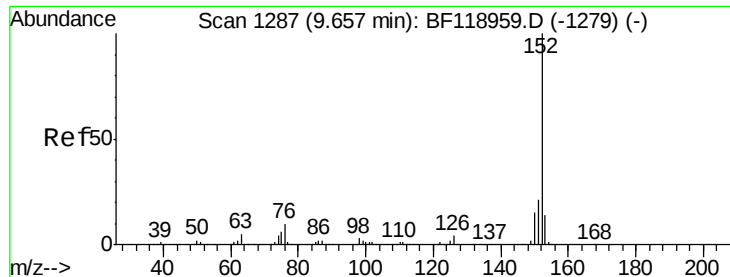
mohammad
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#48
 2-Nitroaniline
 Concen: 40.679 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	75.5	58.2	87.2	
138	118.3	95.6	143.4	





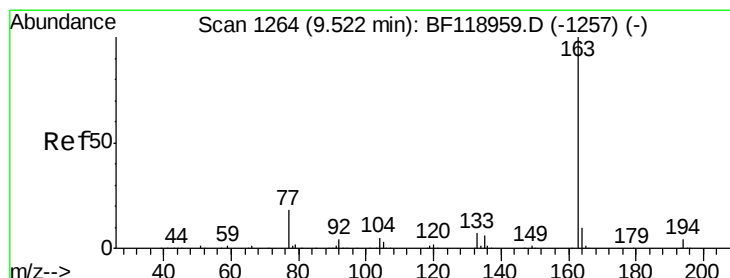
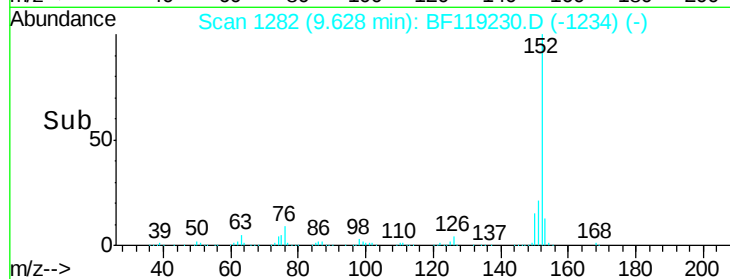
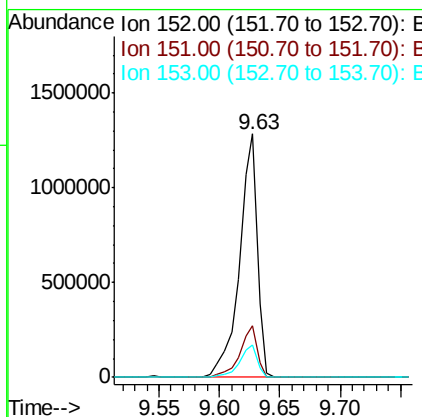
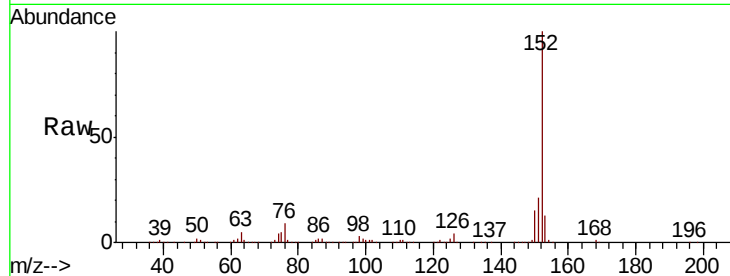
#49
Acenaphthylene
Concen: 42.453 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	21.0	16.9	25.3	
153	13.3	11.0	16.6	

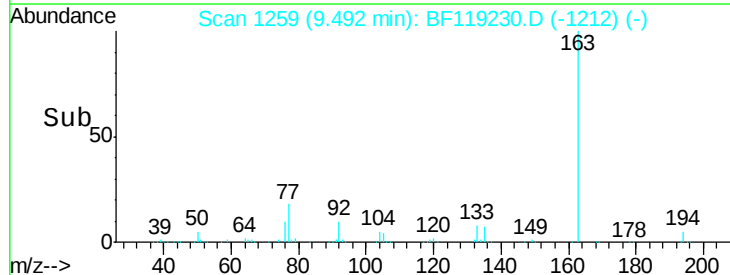
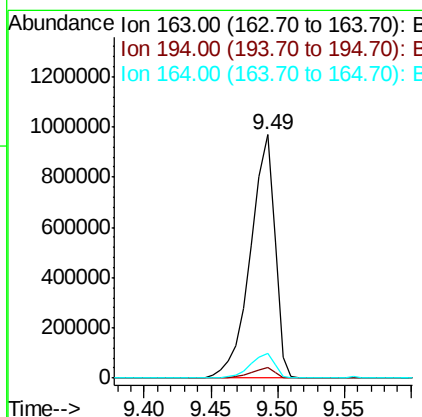
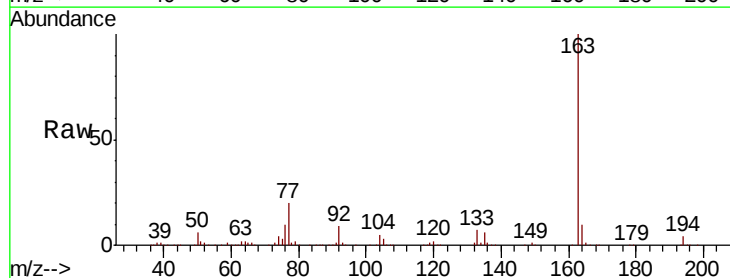
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#50
Dimethylphthalate
Concen: 48.057 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.4	3.5	5.3	
164	10.2	8.4	12.6	





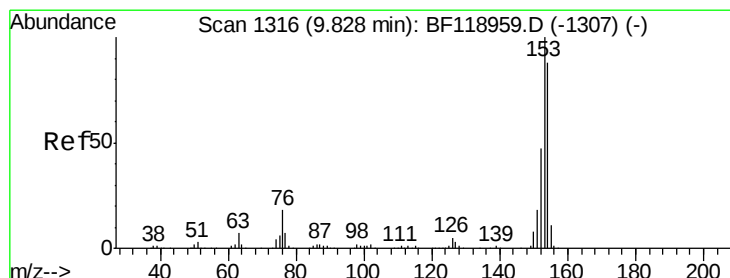
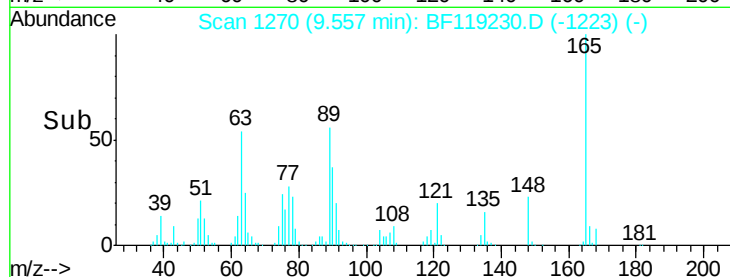
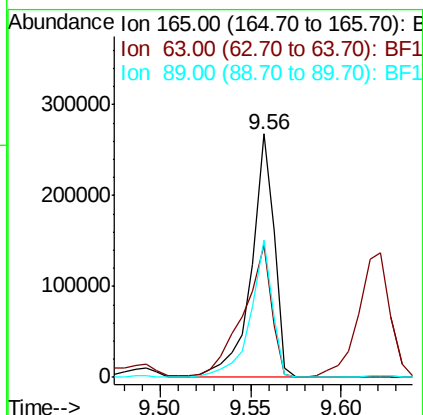
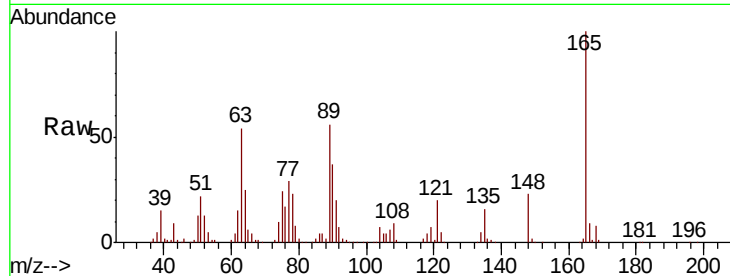
#51
 2,6-Dinitrotoluene
 Concen: 41.621 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	54.2	34.3	51.5#
89	56.3	38.3	57.5

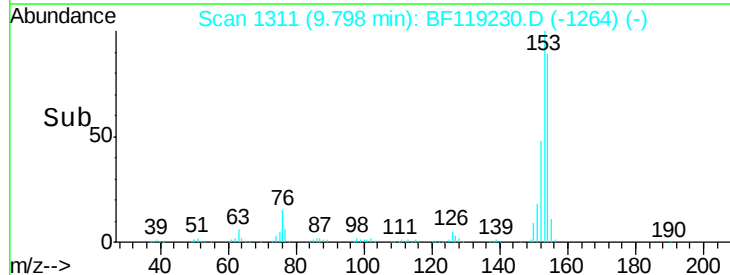
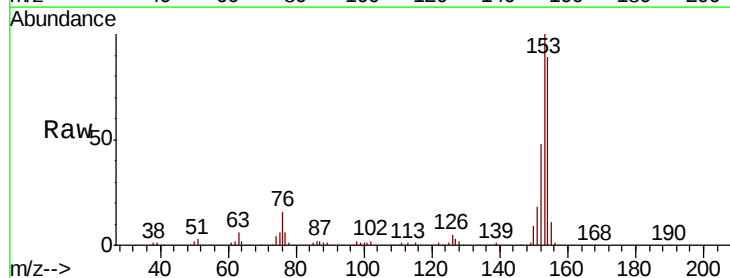
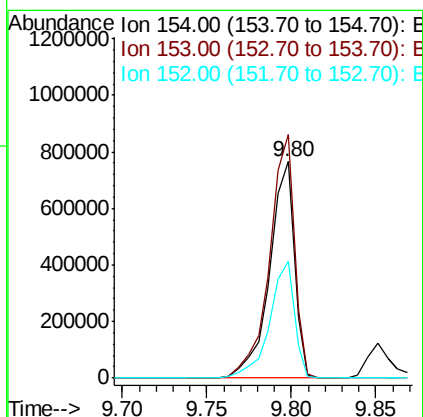
Manual Integrations
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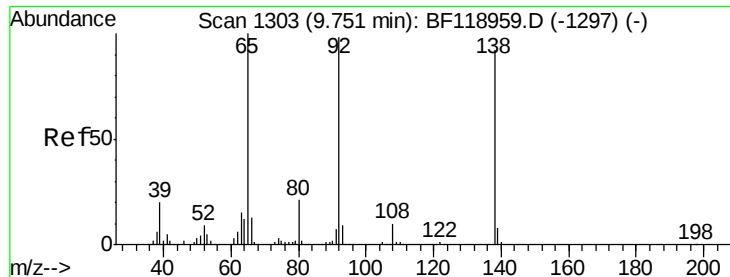
mohammad
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#52
 Acenaphthene
 Concen: 41.561 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.6	90.3	135.5
152	54.3	43.8	65.8





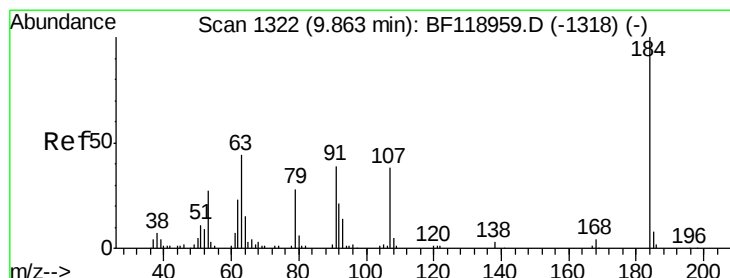
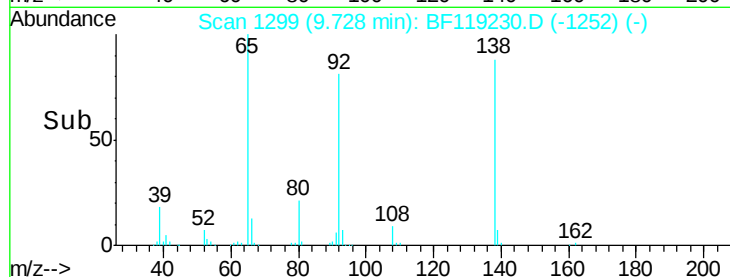
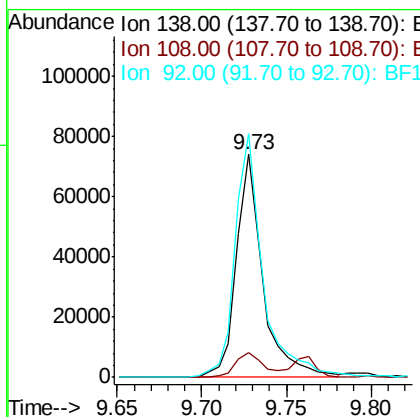
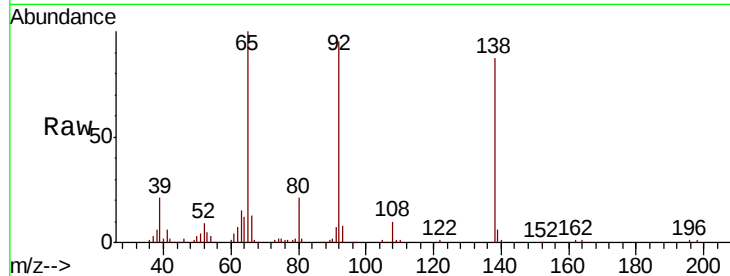
#53
3-Nitroaniline
Concen: 12.877 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampled :
CR-3MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.8	13.2
92	109.3	84.8	127.2

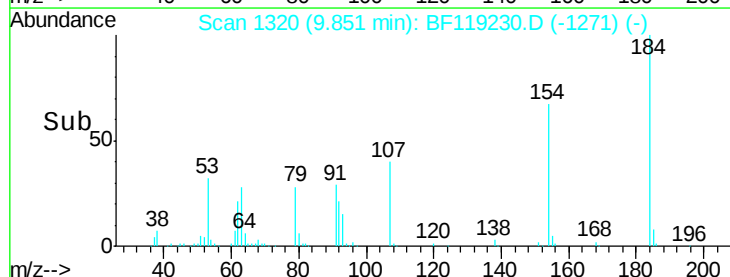
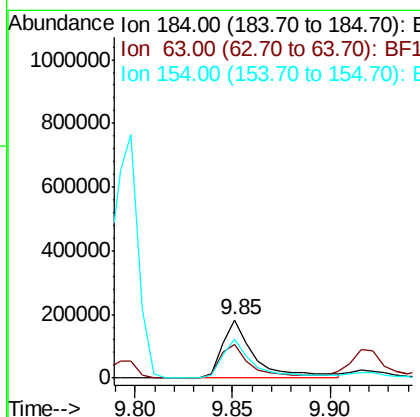
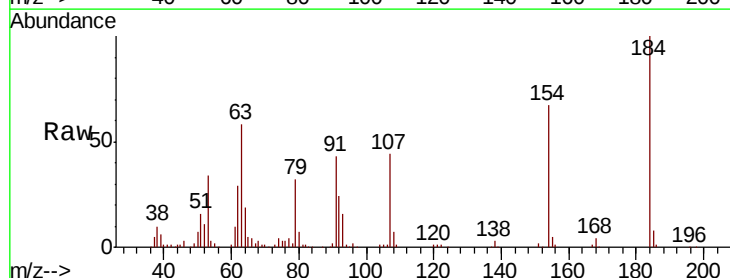
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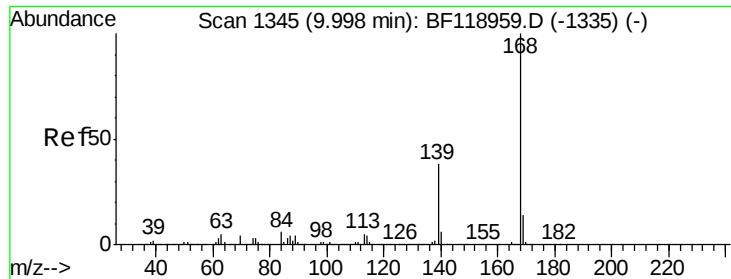
mohammad
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#54
2,4-Dinitrophenol
Concen: 77.165 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	38.7	58.1#
154	66.9	49.7	74.5





#55

Dibenzofuran

Concen: 41.272 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampled :

CR-3MS

Tot Ion:168 Resp: 1158346

Ion Ratio Lower Upper

168 100

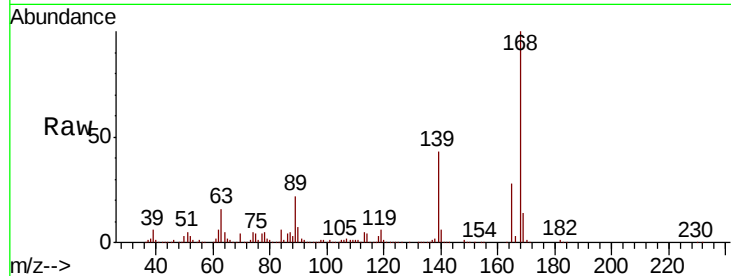
139 42.6 34.0 51.0

169 13.6 11.0 16.4

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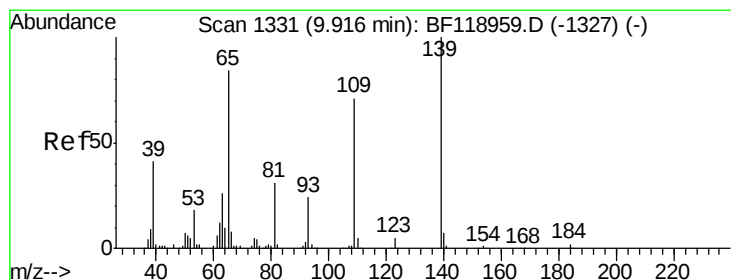
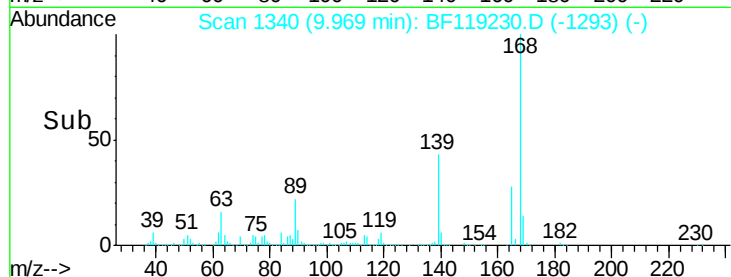
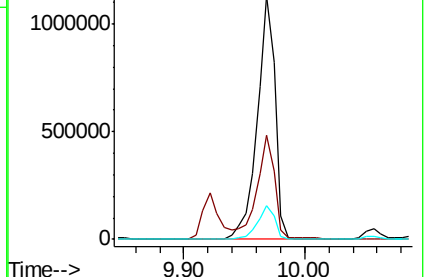
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 55.737 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

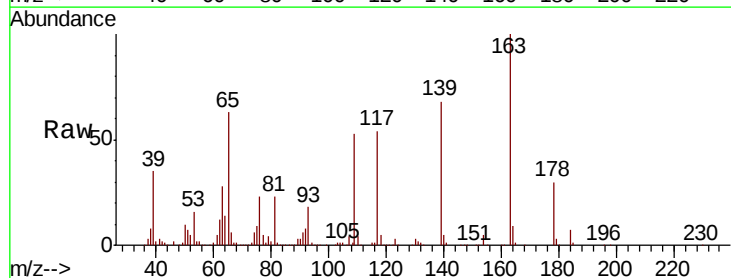
Tgt Ion:139 Resp: 209095

Ion Ratio Lower Upper

139 100

109 77.0 56.7 96.7

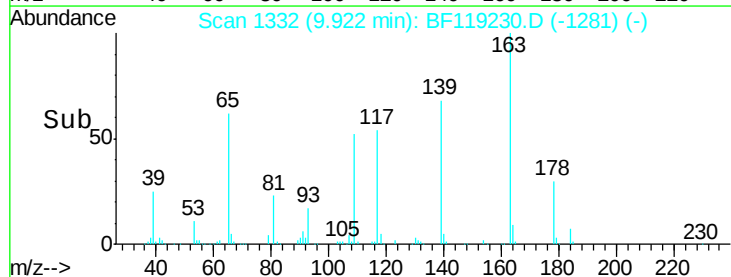
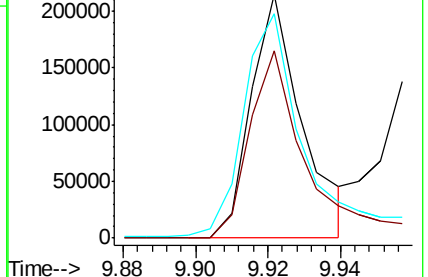
65 92.2 65.0 105.0

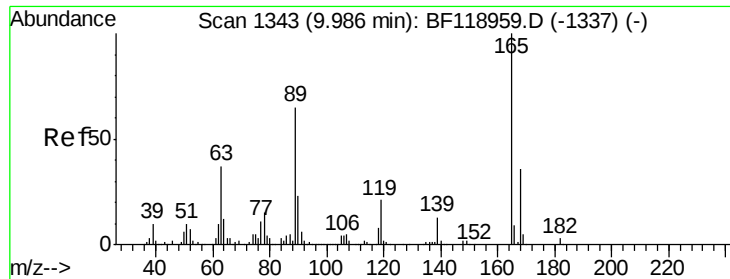


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





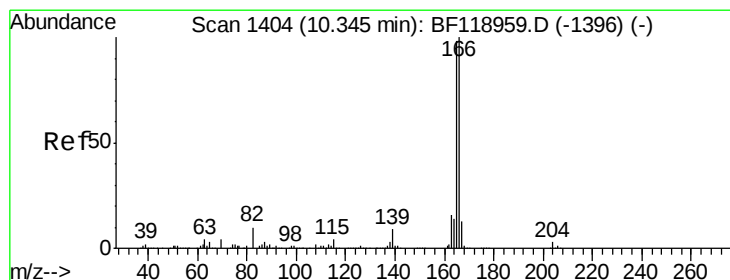
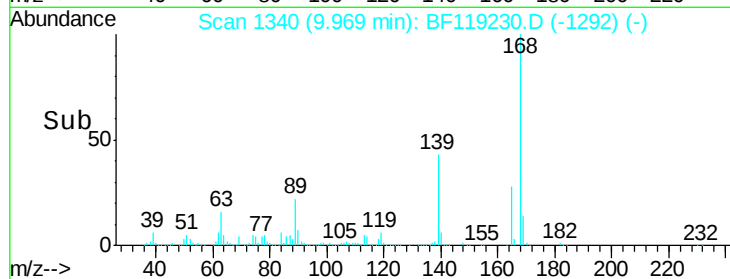
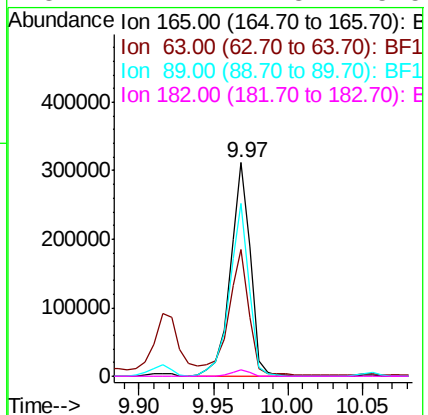
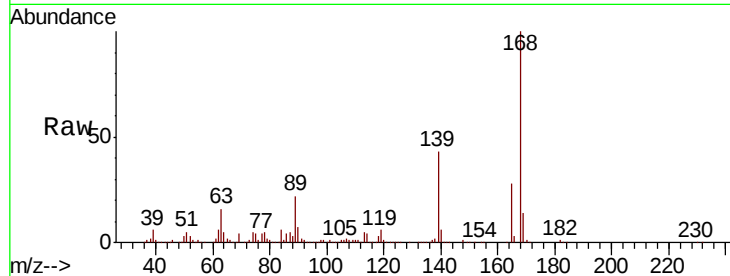
#57
2,4-Dinitrotoluene
Concen: 40.353 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	294588		
63	59.4	42.3	63.5	
89	80.9	60.2	90.4	
182	2.7	2.3	3.5	

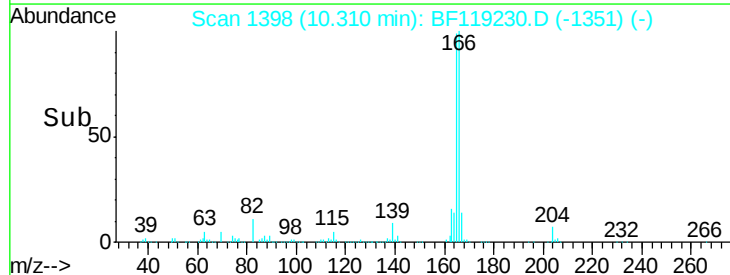
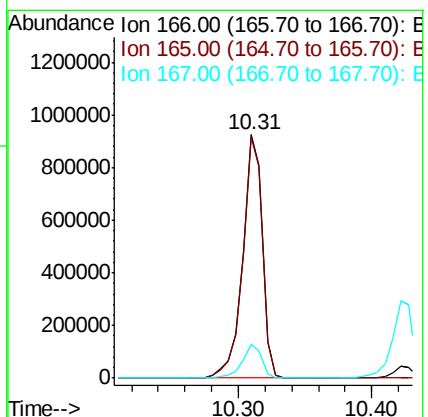
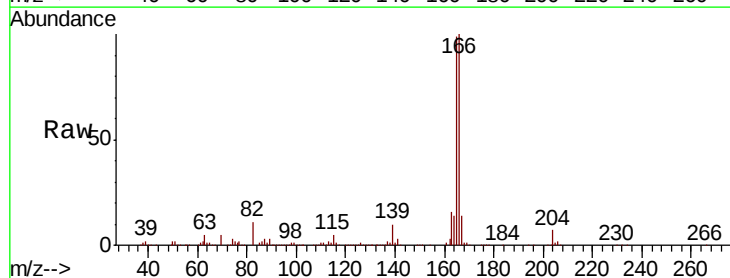
Manual Integrations
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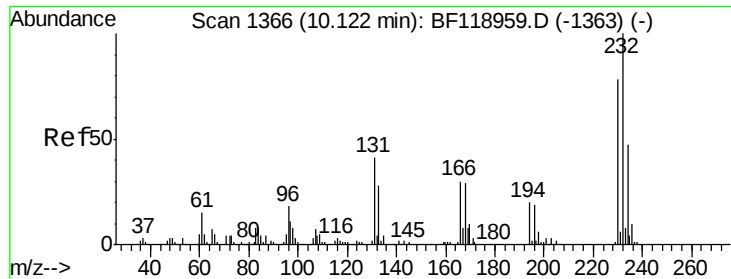
mohammad
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#58
Fluorene
Concen: 42.780 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	932979		
165	98.9	78.5	117.7	
167	13.8	11.0	16.4	





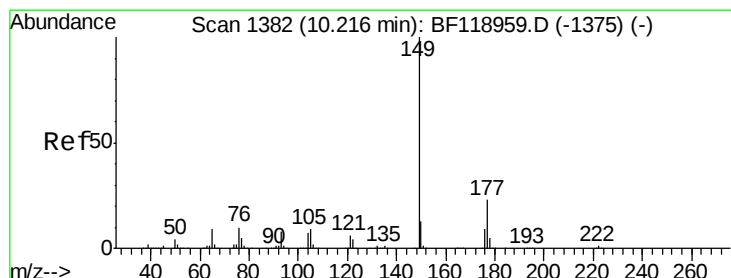
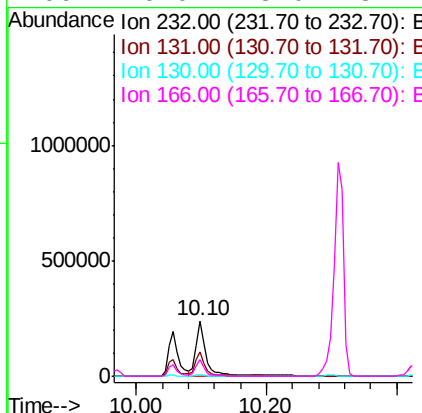
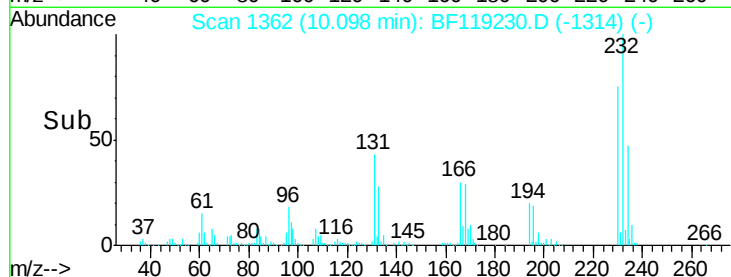
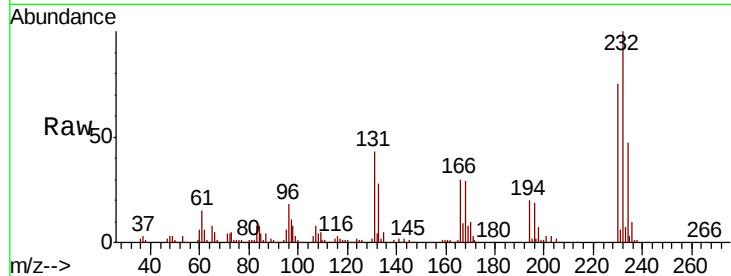
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.523 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.1	33.8	50.8
130	2.3	1.8	2.6
166	26.0	23.0	34.4

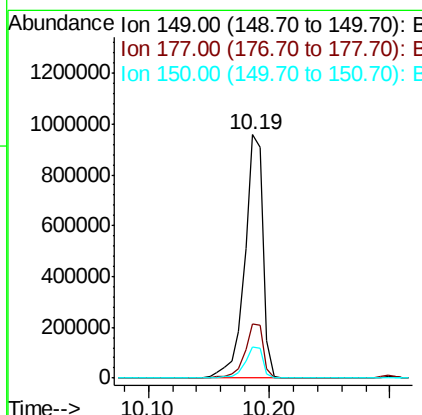
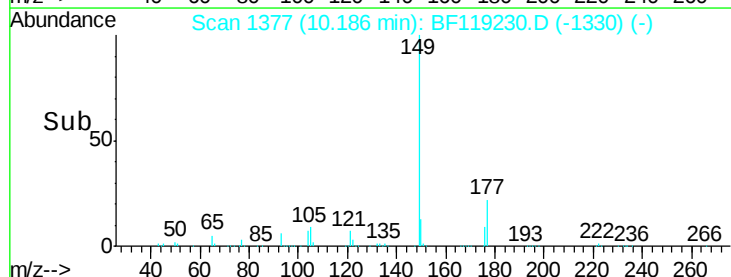
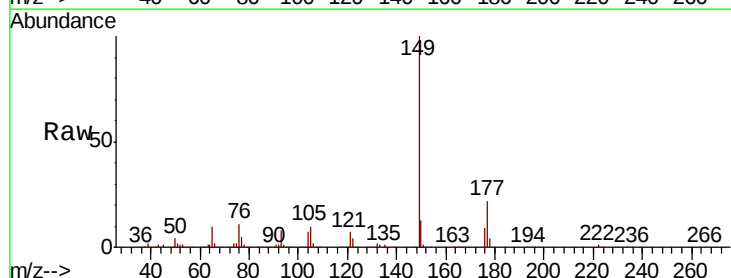
Manual Integrations
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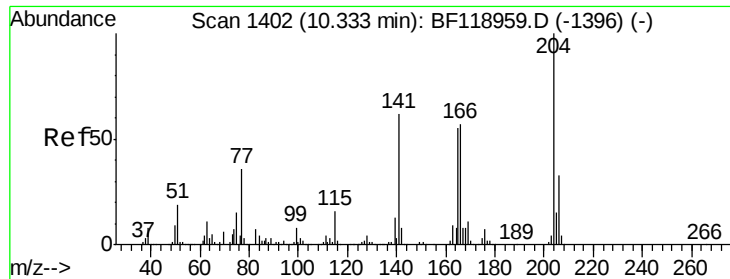
mohammad
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#60
Diethylphthalate
Concen: 42.163 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.2	27.2
150	12.8	10.5	15.7





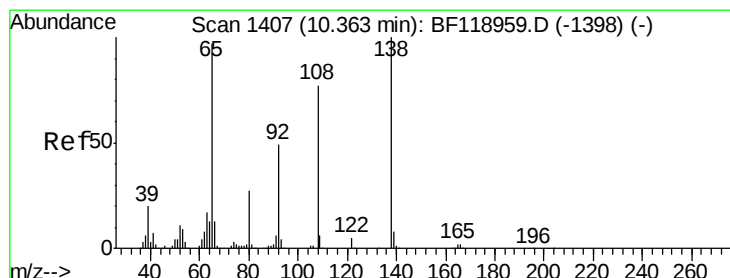
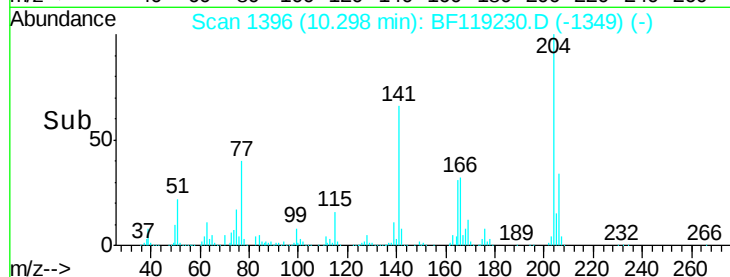
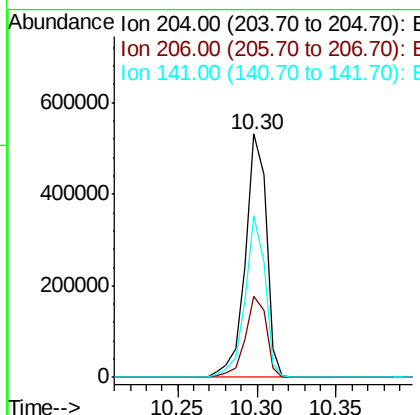
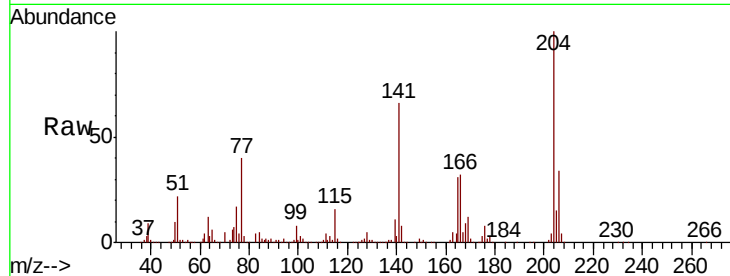
#61
4-Chlorophenyl-phenylether
Concen: 42.316 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.5	27.1	40.7
141	66.3	52.9	79.3

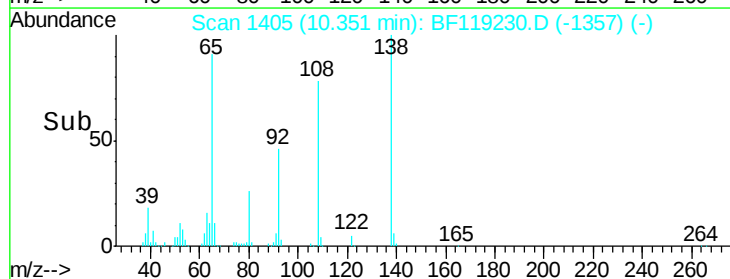
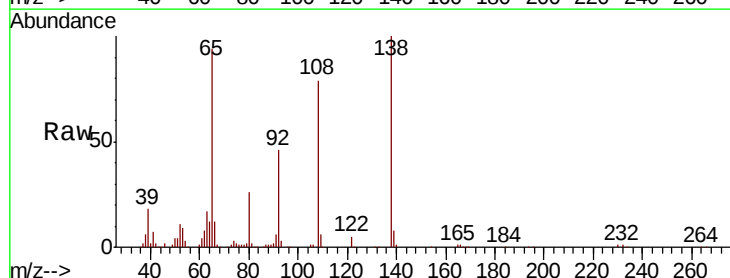
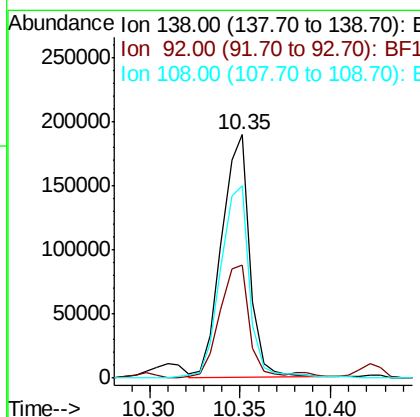
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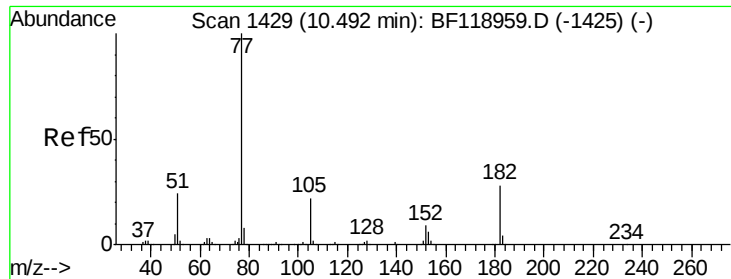
mohammad
3/9/2020 8:27:30 AM



#62
4-Nitroaniline
Concen: 31.953 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	46.4	27.3	67.3
108	79.1	57.0	97.0





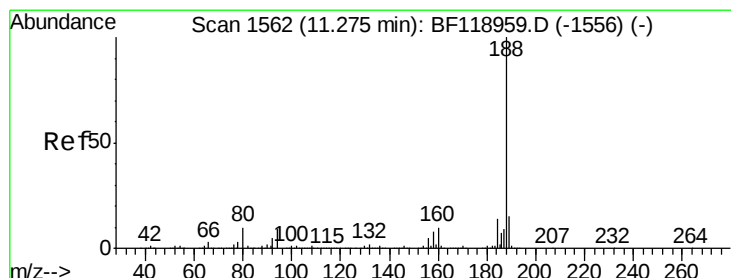
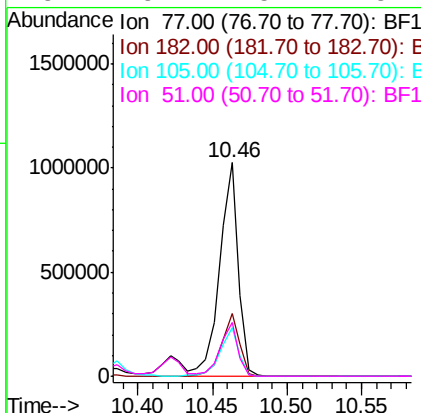
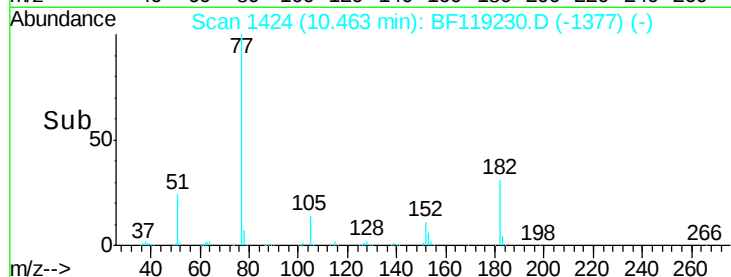
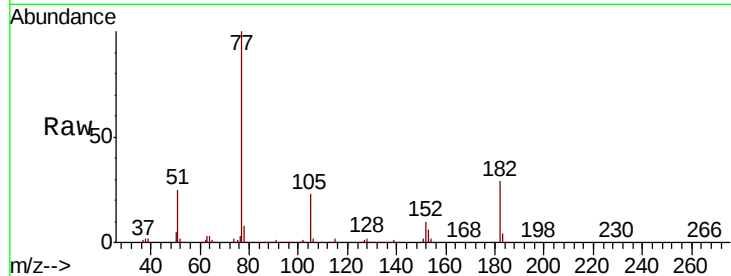
#63
Azobenzene
Concen: 43.266 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.5	11.4	51.4		
105	22.5	3.4	43.4		
51	25.1	5.1	45.1		

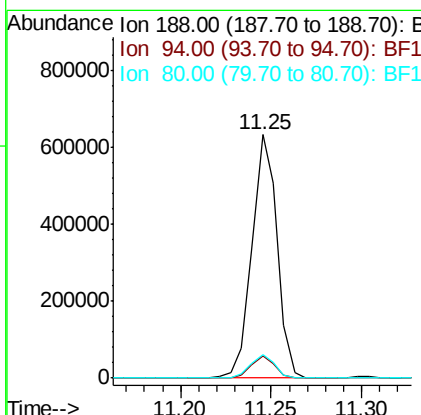
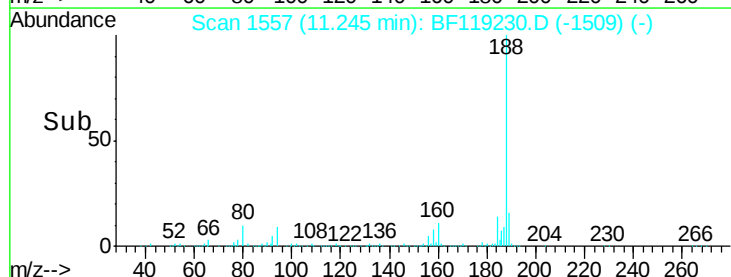
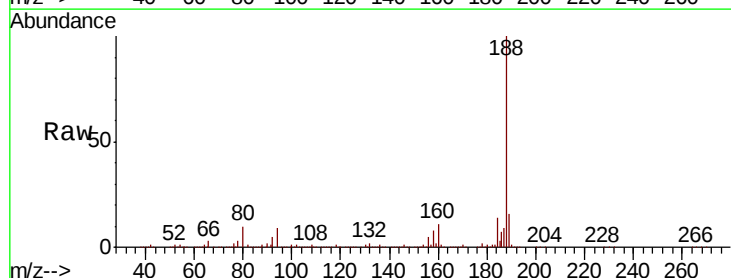
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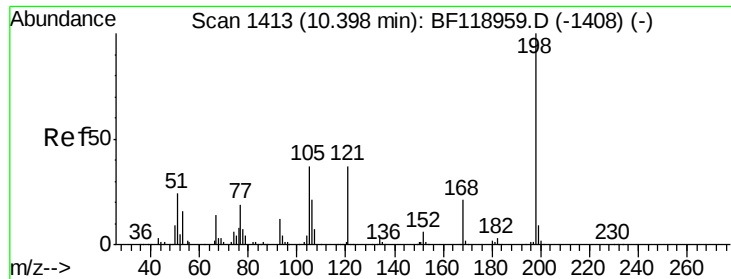
mohammad
3/9/2020 8:27:30 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.9	7.1	10.7		
80	9.6	7.8	11.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 46.379 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

CR-3MS

Tot Ion:198 Resp: 170539

Ion Ratio Lower Upper

198 100

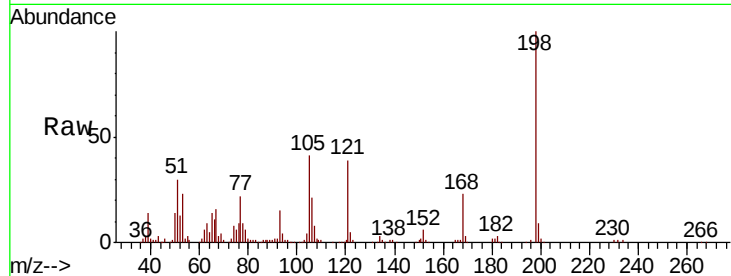
51 30.2 14.2 54.2

105 40.6 22.7 62.7

Manual Integrations
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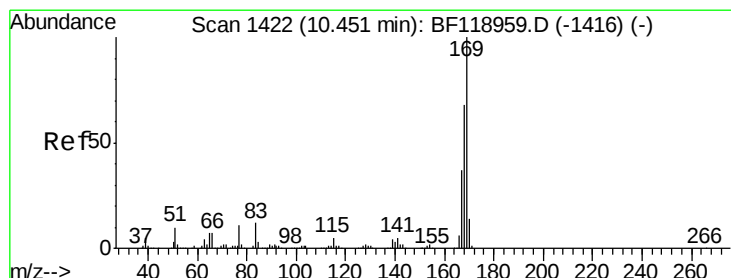
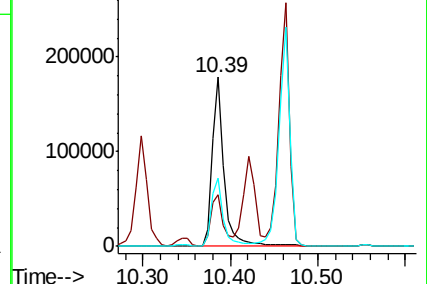
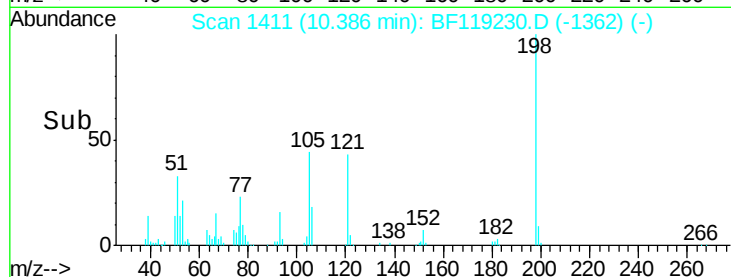
3/9/2020 8:27:30 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.784 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

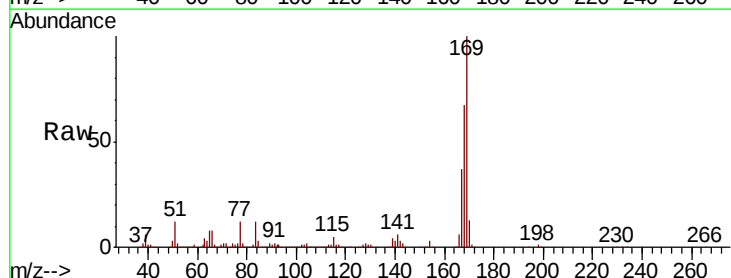
Tgt Ion:169 Resp: 851284

Ion Ratio Lower Upper

169 100

168 67.2 54.1 81.1

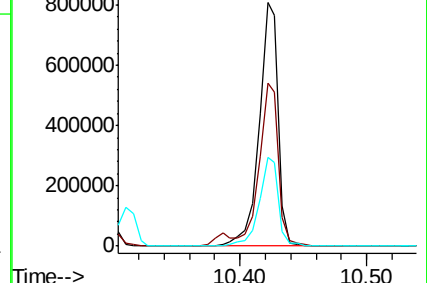
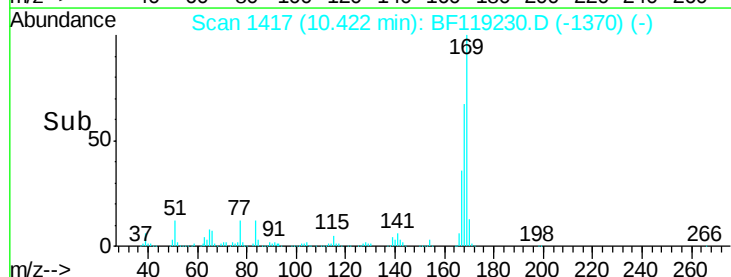
167 36.5 29.4 44.0

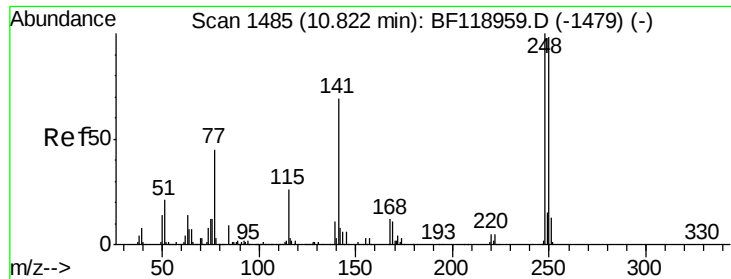


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





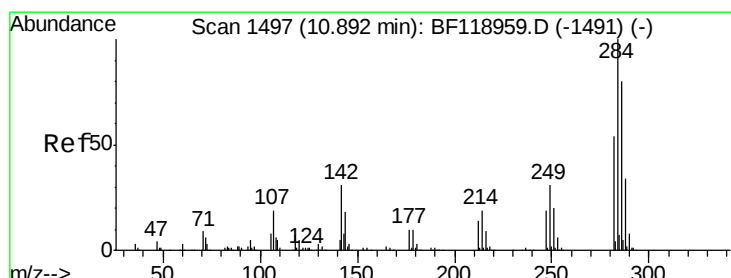
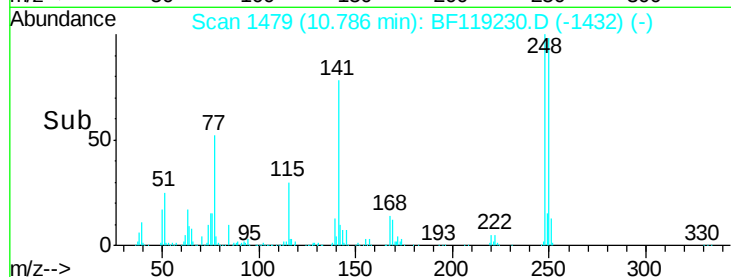
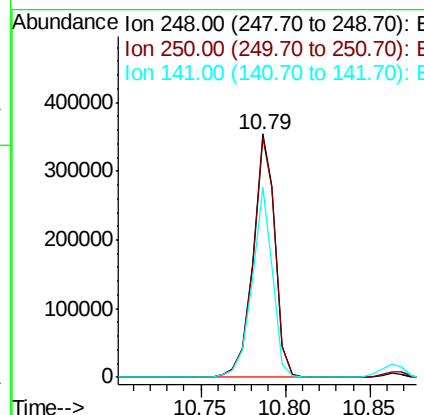
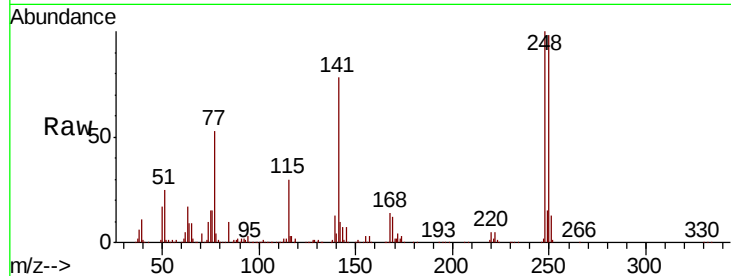
#67
4-Bromophenyl-phenylether
Concen: 40.405 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.7	115.1
141	77.9	60.7	91.1

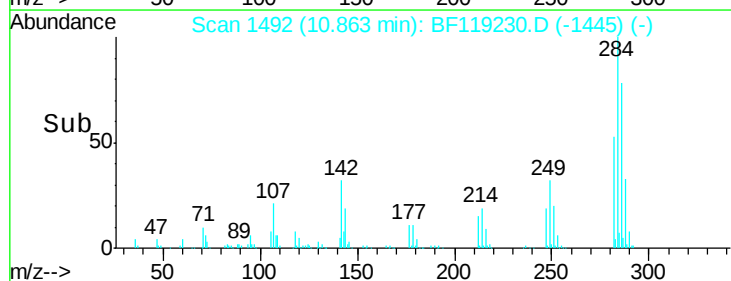
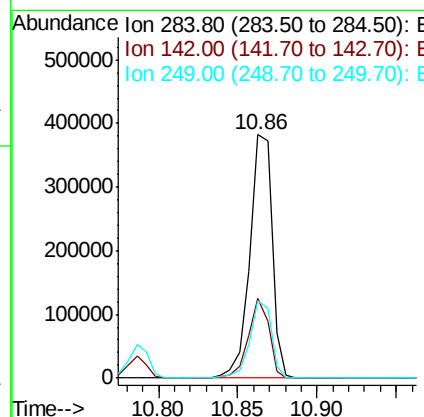
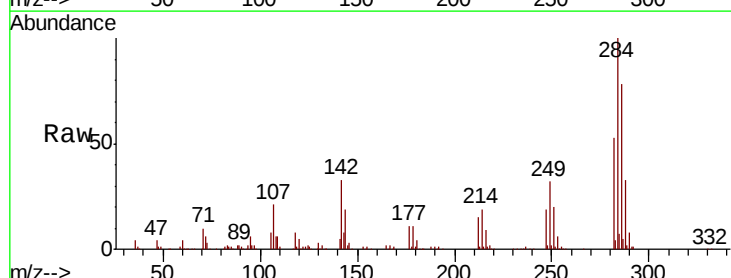
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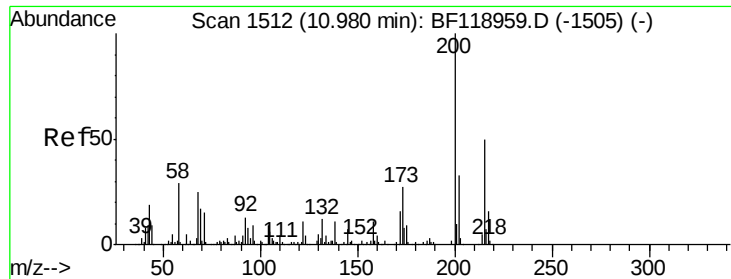
mohammad
3/9/2020 8:27:30 AM



#68
Hexachlorobenzene
Concen: 40.888 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	23.7	35.5
249	31.8	25.0	37.6





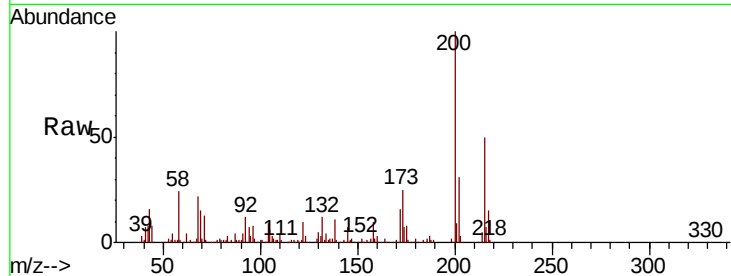
#69
Atrazine
Concen: 40.013 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

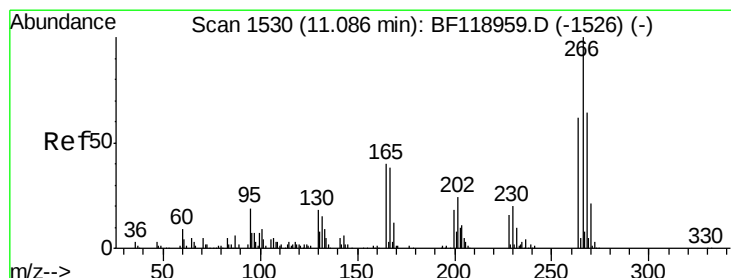
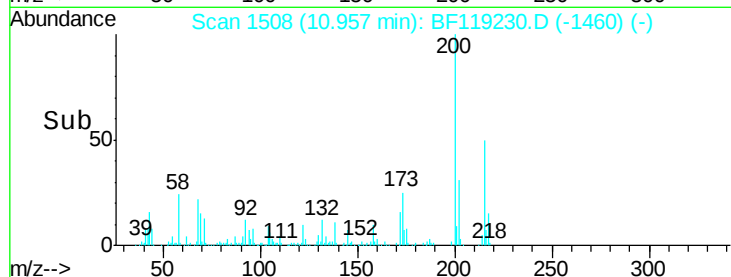
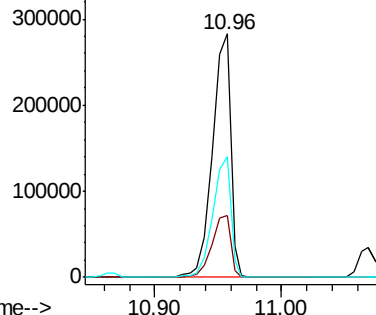
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.4	6.4	46.4
215	49.5	27.4	67.4

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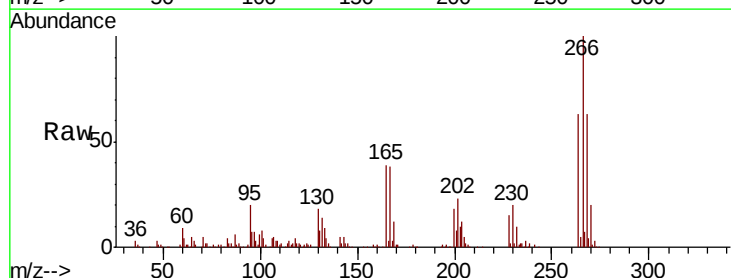


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

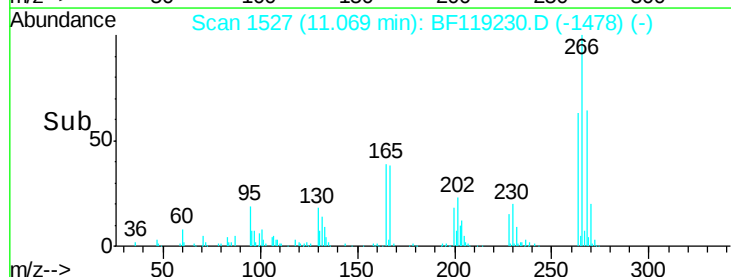
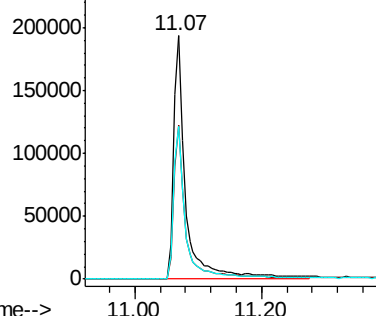


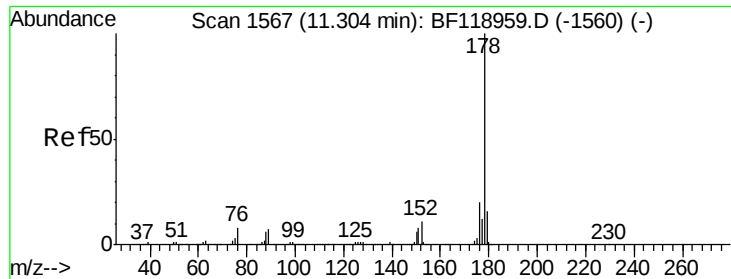
#70
Pentachlorophenol
Concen: 70.682 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	51.9	77.9
264	62.6	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





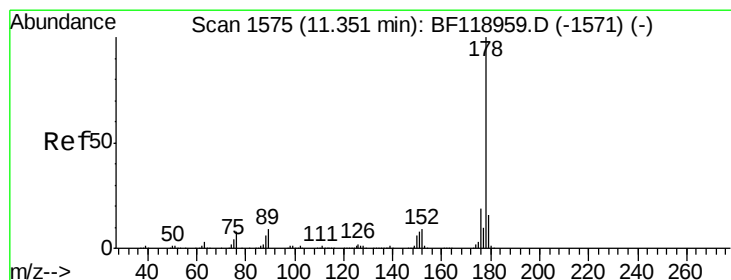
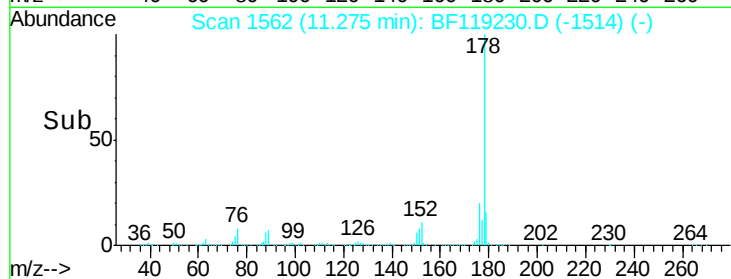
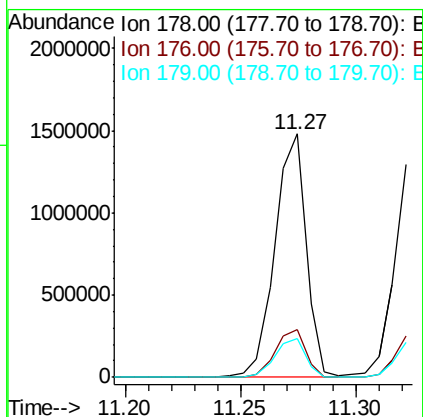
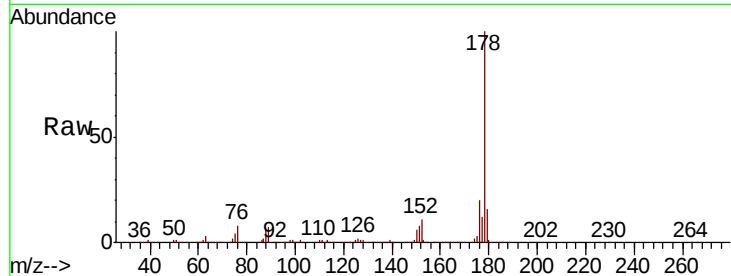
#71
Phenanthrene
Concen: 41.901 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion:178 Resp: 1388579
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.8 13.0 19.6

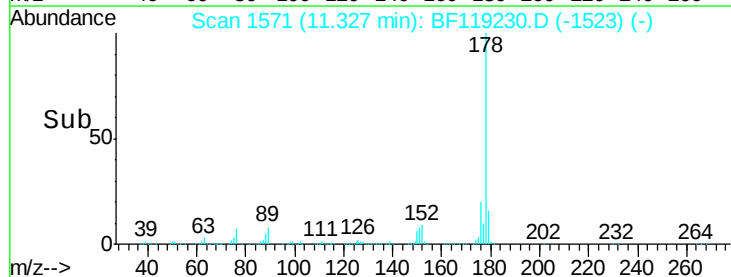
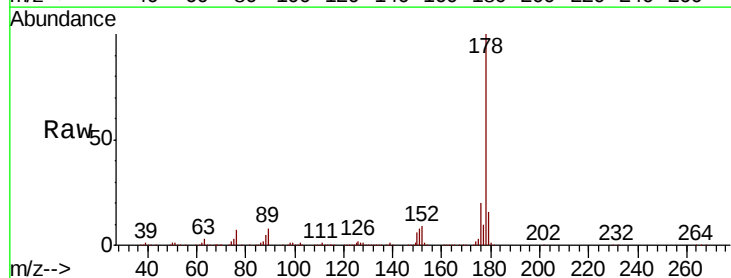
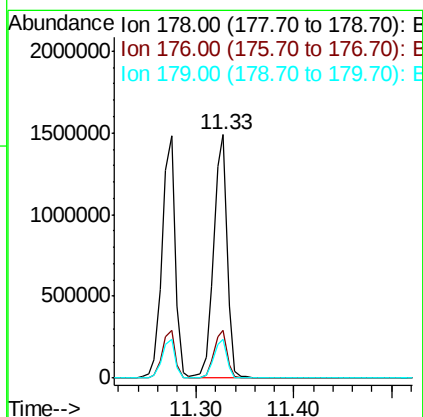
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#72
Anthracene
Concen: 42.974 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion:178 Resp: 1422933
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.9 13.1 19.7





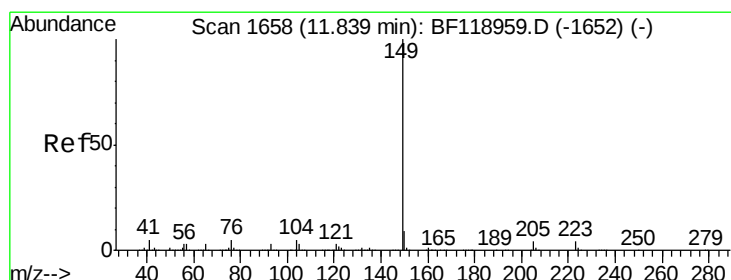
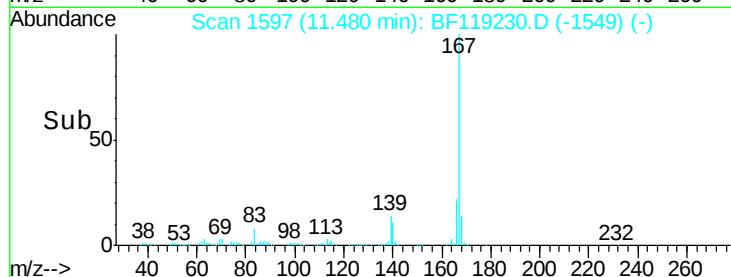
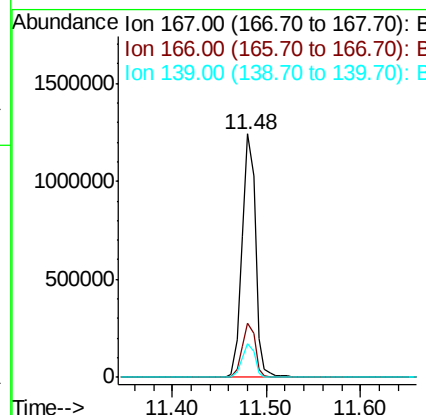
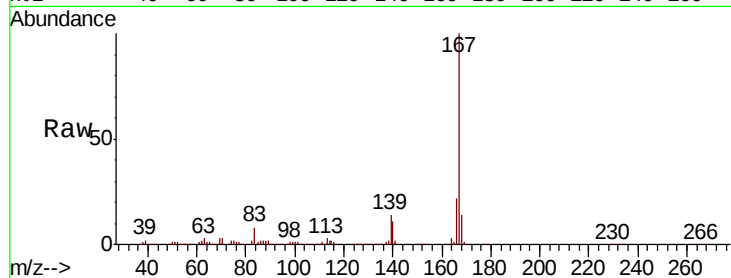
#73
 Carbazole
 Concen: 41.900 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	14.1	11.7	17.5

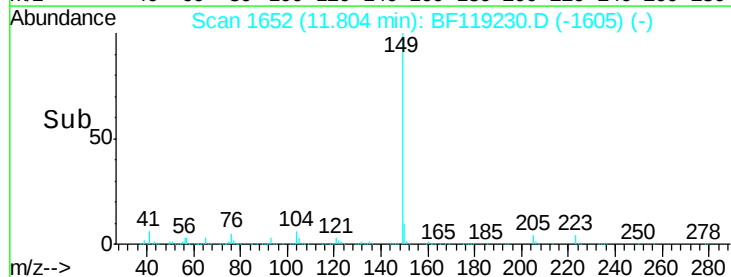
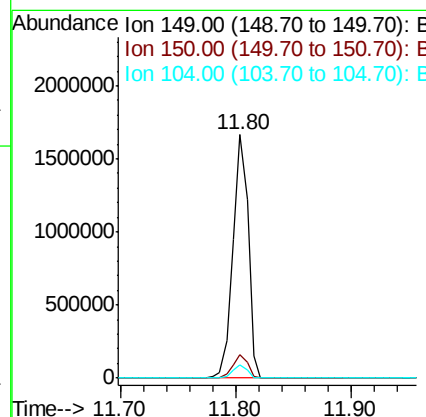
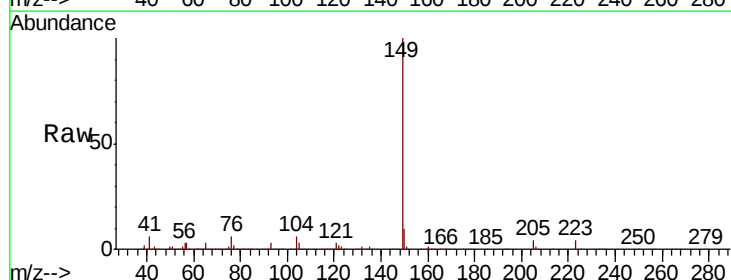
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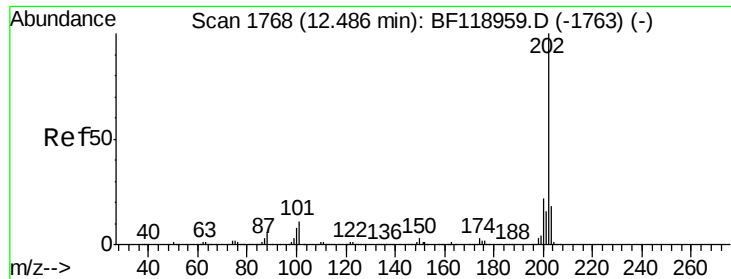
mohammad
 3/9/2020 8:27:30 AM



#74
 Di-n-butylphthalate
 Concen: 42.529 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.6	4.6	6.8





#75

Fluoranthene

Concen: 40.828 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampleId :

CR-3MS

Tot Ion:202 Resp: 1436182

Ion Ratio Lower Upper

202 100

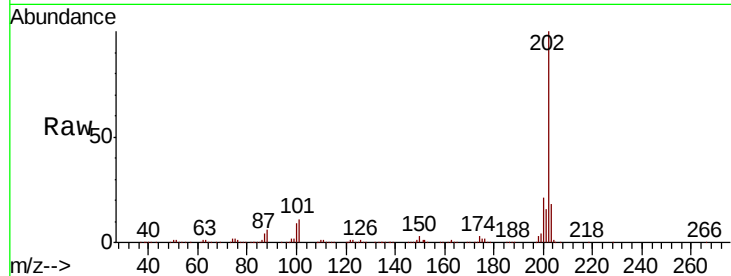
101 11.4 0.0 30.3

203 18.1 0.0 38.4

Manual Integrations
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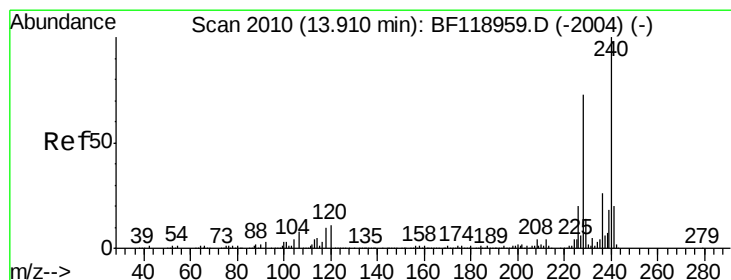
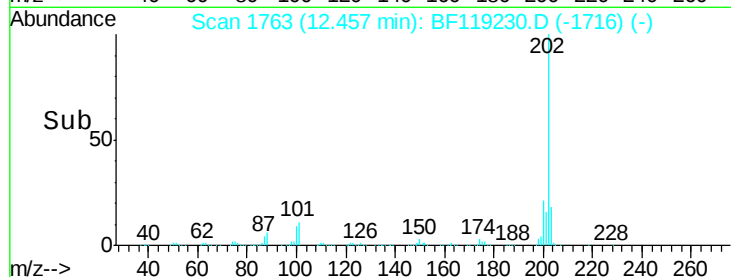
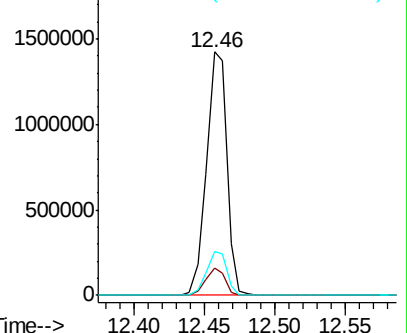
3/9/2020 8:27:30 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

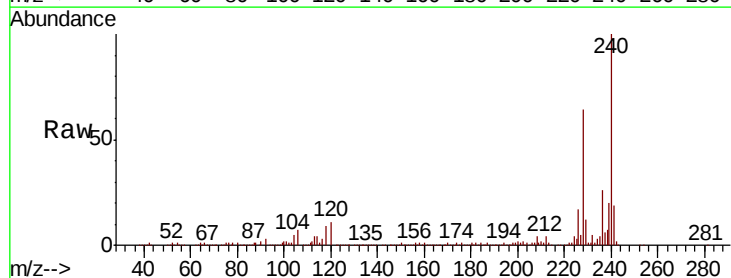
Tgt Ion:240 Resp: 369109

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

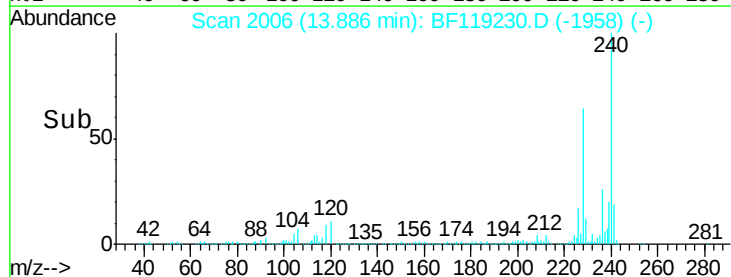
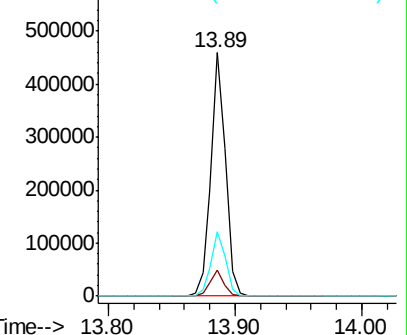
236 26.4 21.0 31.4

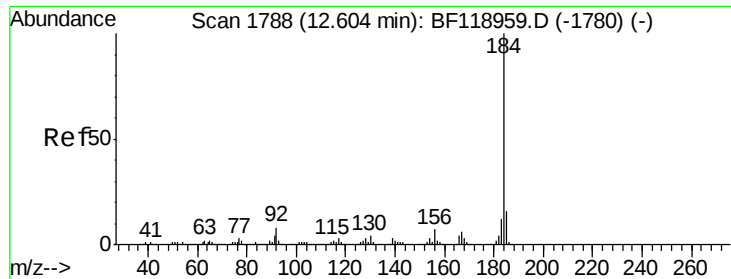


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.256 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

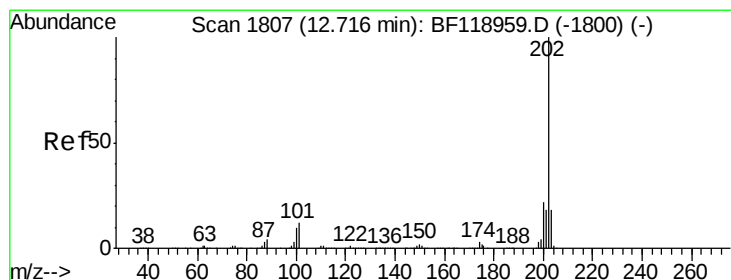
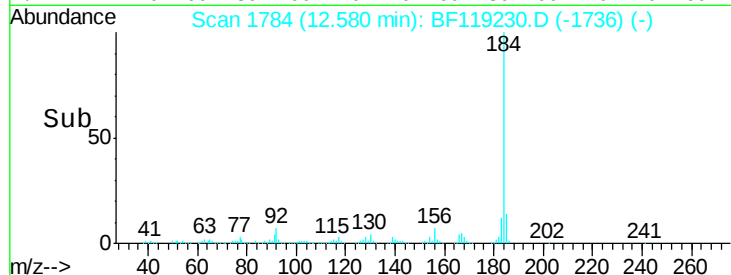
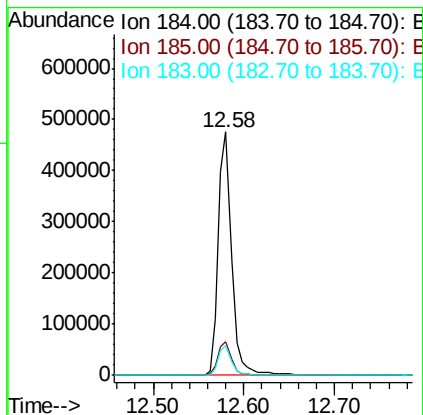
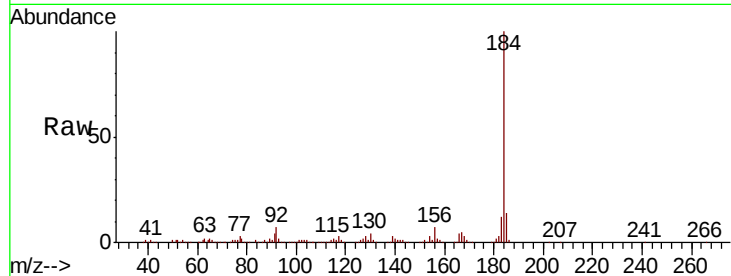
ClientSampleId :

CR-3MS

Tot Ion:	184	Resp:	484206
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.2	18.4
183	12.0	9.9	14.9

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#78

Pyrene

Concen: 48.484 ng

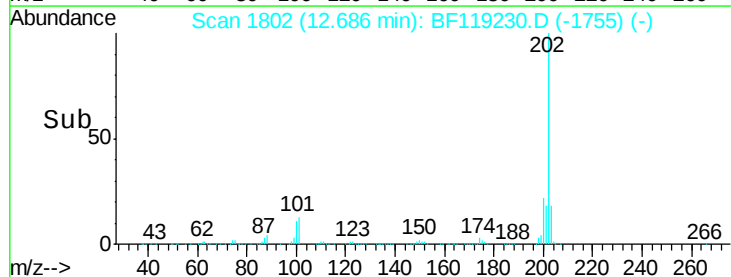
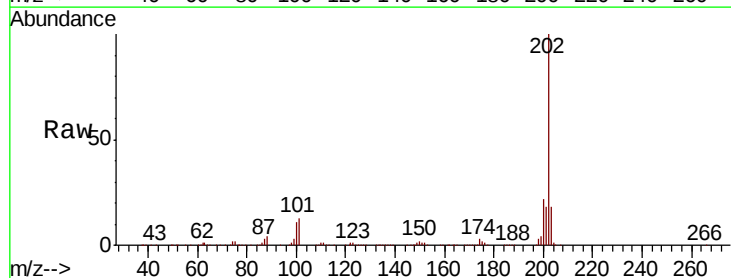
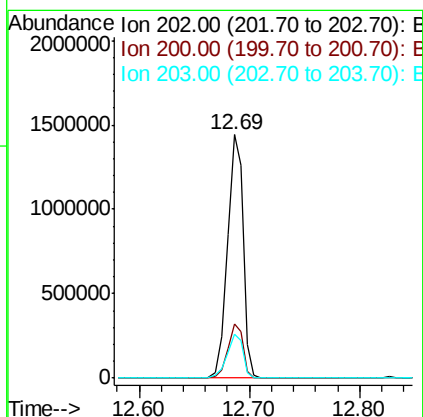
RT: 12.69 min Scan# 1802

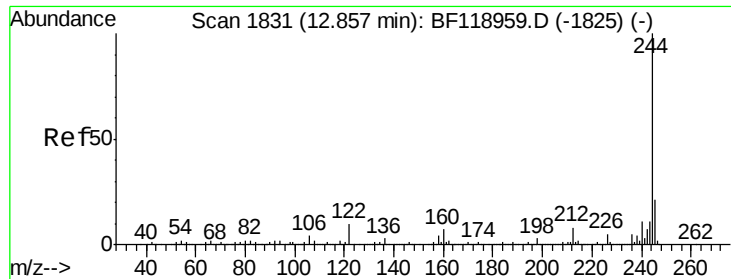
Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Tgt Ion:	202	Resp:	1437025
Ion Ratio	Lower	Upper	
202	100		
200	22.2	18.0	27.0
203	18.3	14.6	22.0





#79

Terphenyl-d14

Concen: 81.097 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

ClientSampled :

CR-3MS

Tot Ion:244 Resp: 1738637

Ion Ratio Lower Upper

244 100

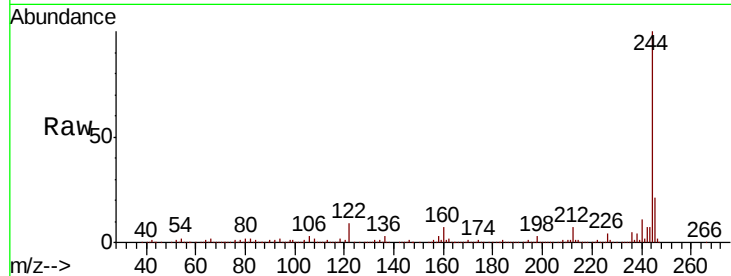
212 7.4 6.6 10.0

122 9.4 8.2 12.2

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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

2500000

2000000

1500000

1000000

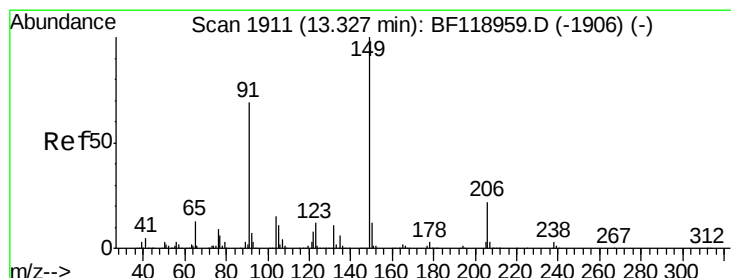
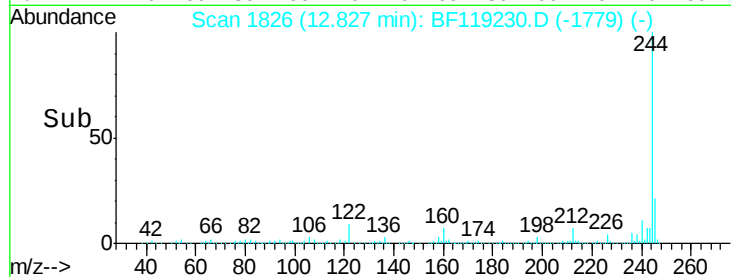
500000

0

12.83

12.70 12.80 12.90 13.00

Time-->



#80

Butylbenzylphthalate

Concen: 48.060 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

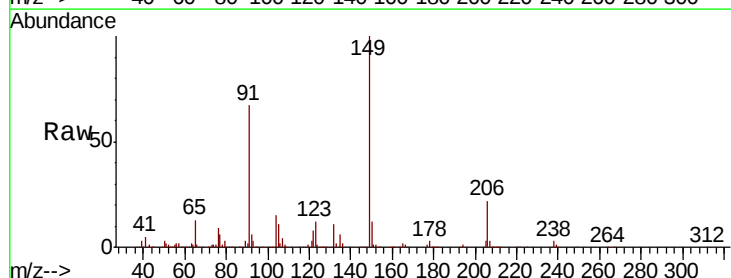
Tgt Ion:149 Resp: 599511

Ion Ratio Lower Upper

149 100

91 67.1 52.3 78.5

206 21.9 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

800000

600000

400000

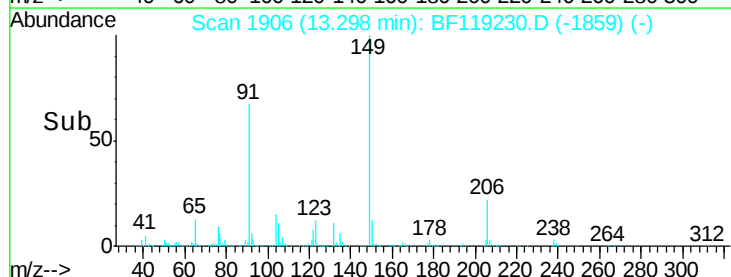
200000

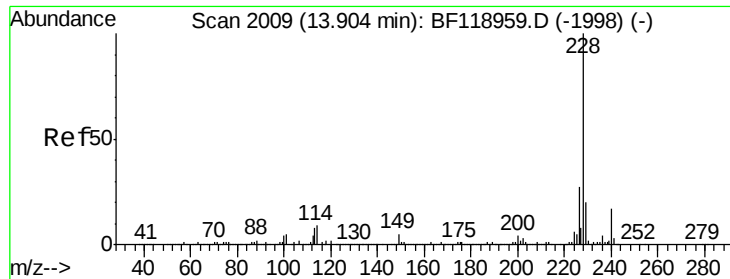
0

13.30

13.25 13.30 13.35

Time-->





#81

Benzo(a)anthracene

Concen: 43.890 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

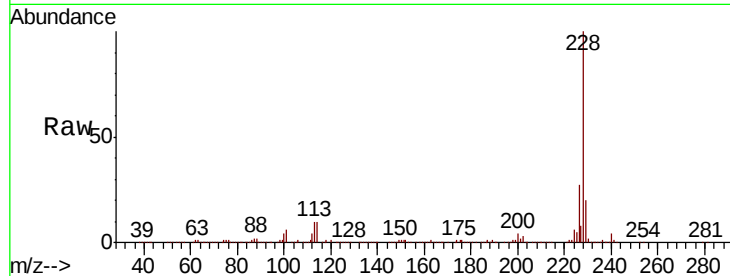
ClientSampleId :

CR-3MS

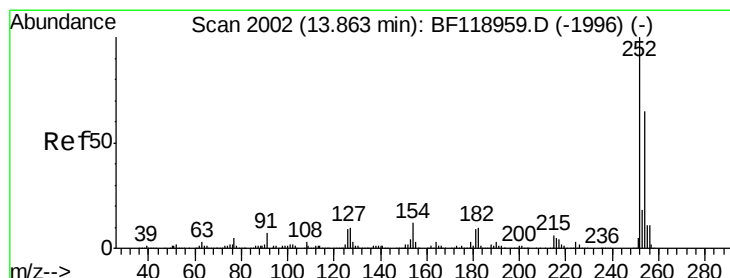
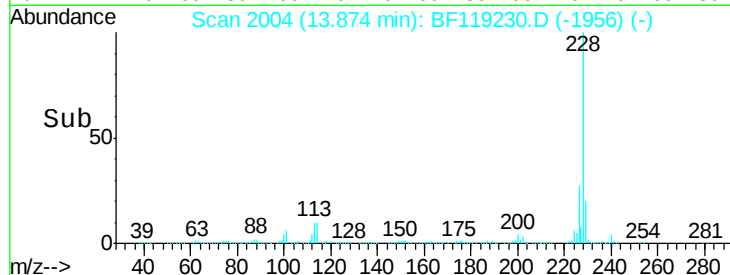
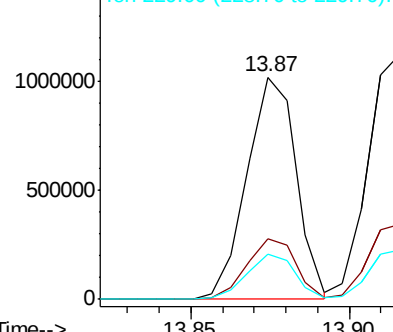
Tot Ion:	228	Resp:	1103824
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.1	16.6	24.8

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Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.758 ng

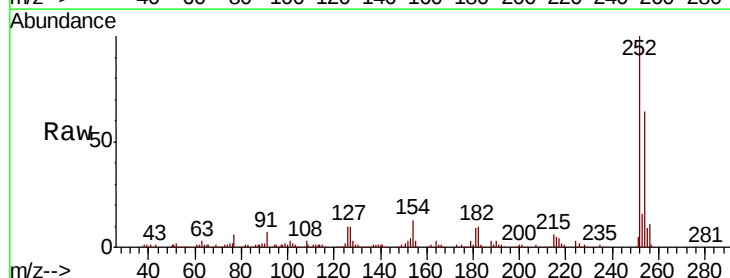
RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

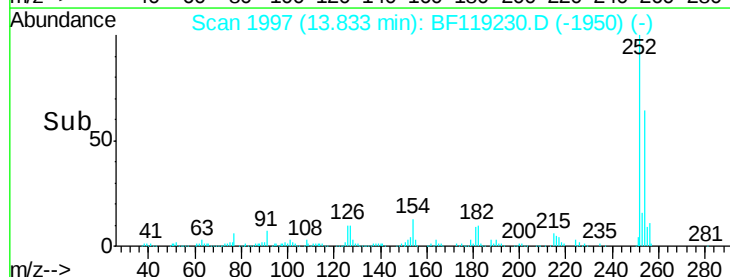
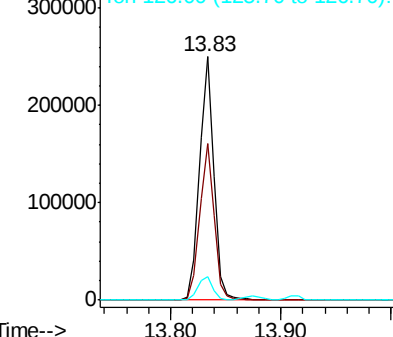
Lab File: BF119230.D

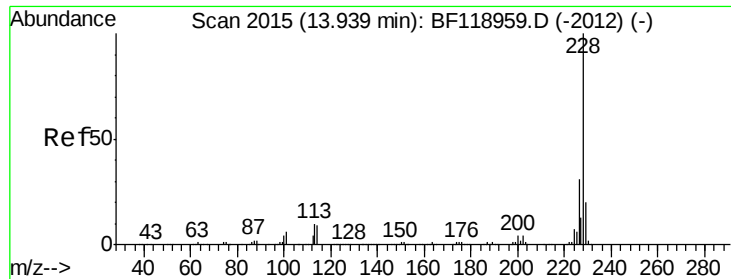
Acq: 5 Mar 2020 23:59

Tgt Ion:	252	Resp:	222254
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.6	77.4
126	9.7	7.4	11.0



Abundance Ion 252.00 (251.70 to 252.70): E
300000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





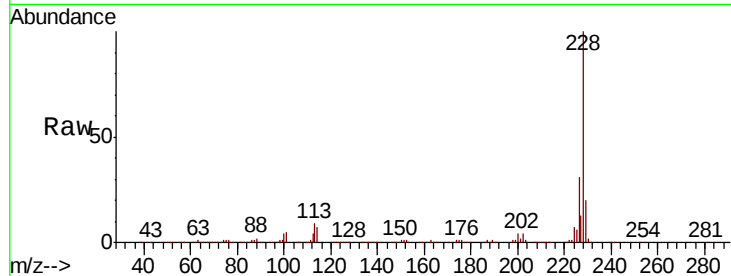
#83
 Chrvsene
 Concen: 42.257 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.1	37.7
229	20.0	16.3	24.5

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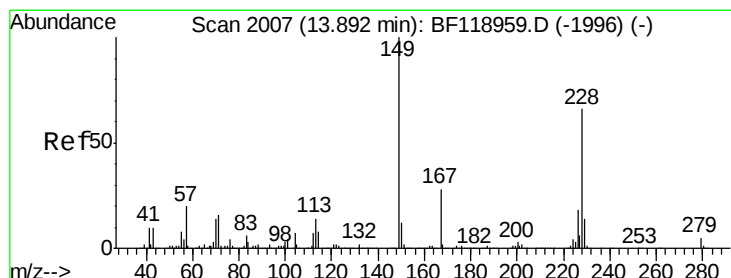
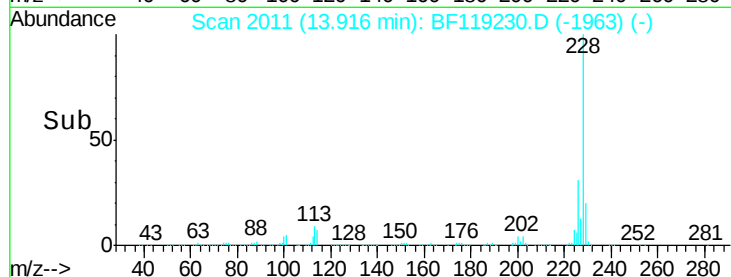
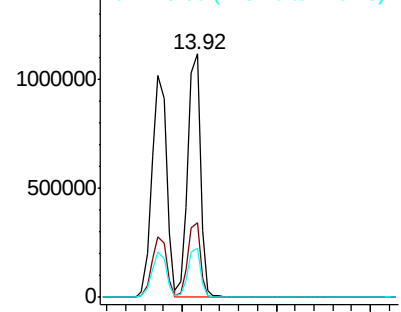


Abundance

Ion 228.00 (227.70 to 228.70): E

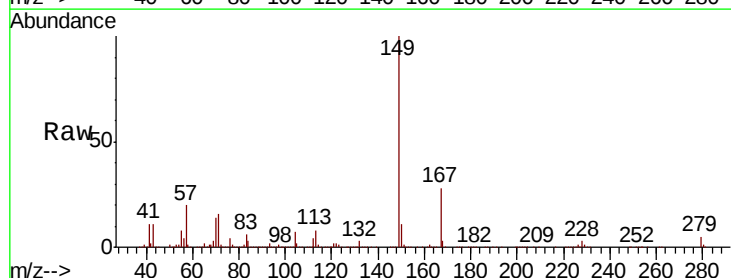
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.690 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF119230.D
 Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	5.1	4.6	6.8

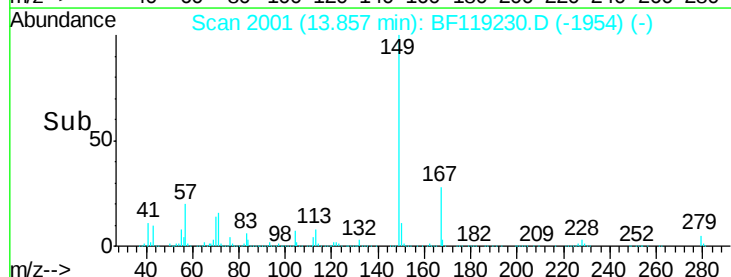
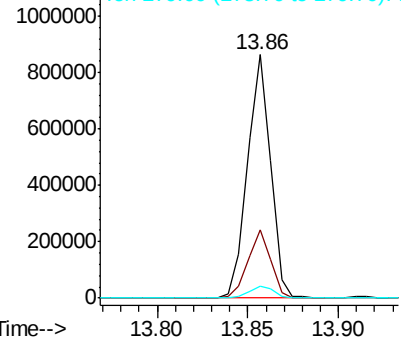


Abundance

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: 42.383 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Instrument :

BNA_F

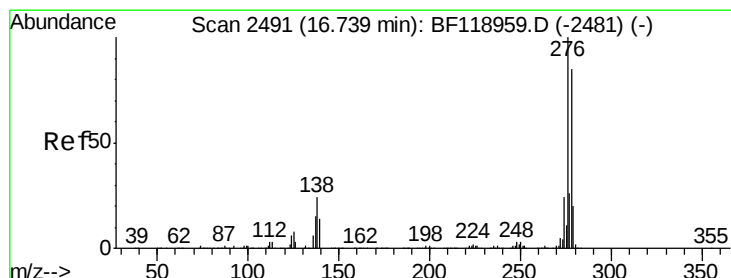
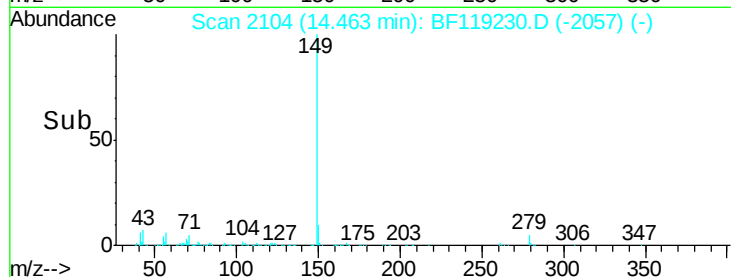
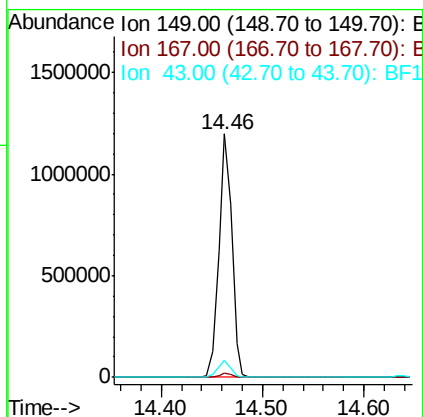
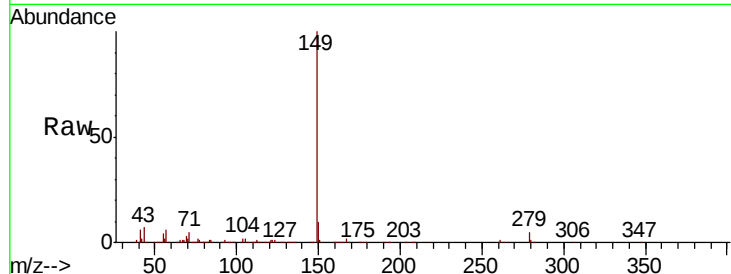
ClientSampleId :

CR-3MS

Tot Ion:	149	Resp:	1064213
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.6	5.7	8.5

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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.761 ng

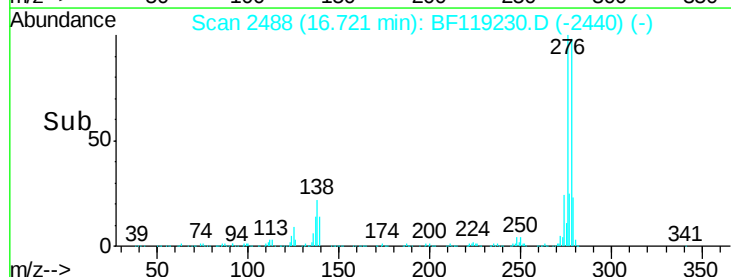
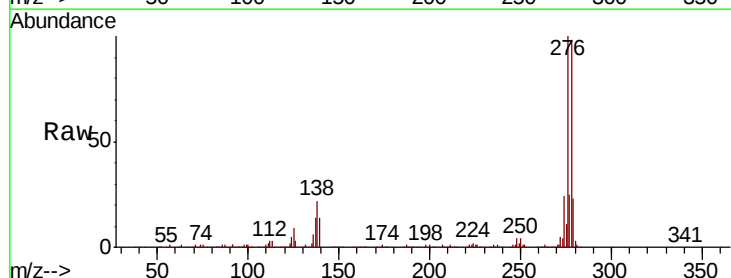
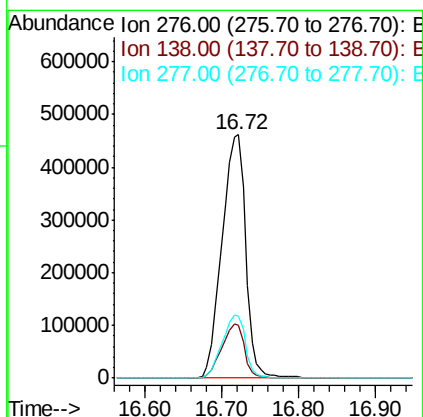
RT: 16.72 min Scan# 2488

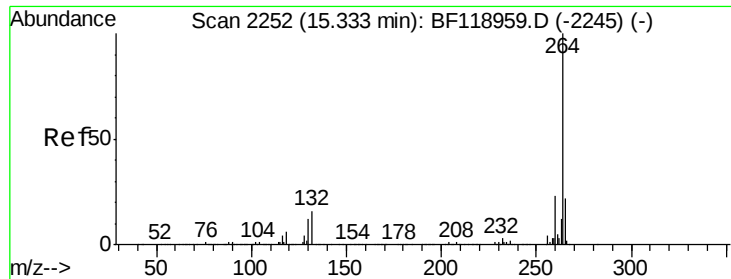
Delta R.T. -0.02 min

Lab File: BF119230.D

Acq: 5 Mar 2020 23:59

Tgt Ion:	276	Resp:	989041
Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.4	26.0
277	25.5	20.3	30.5





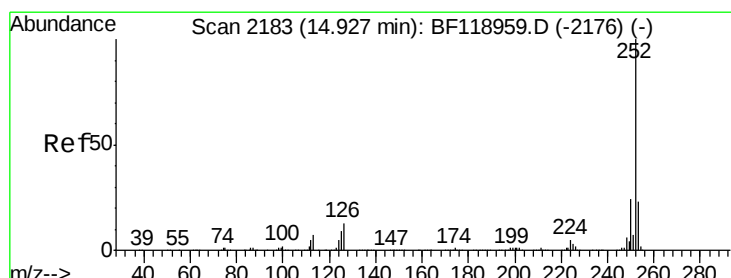
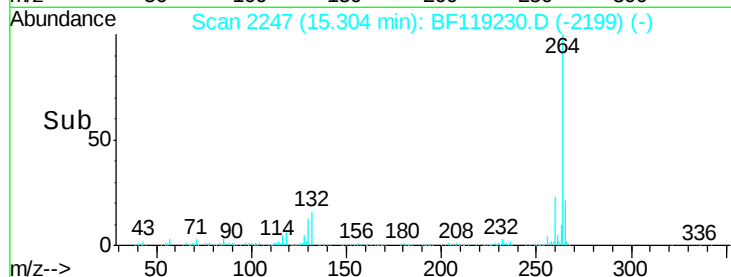
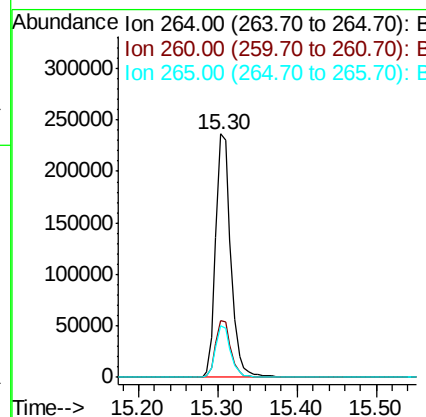
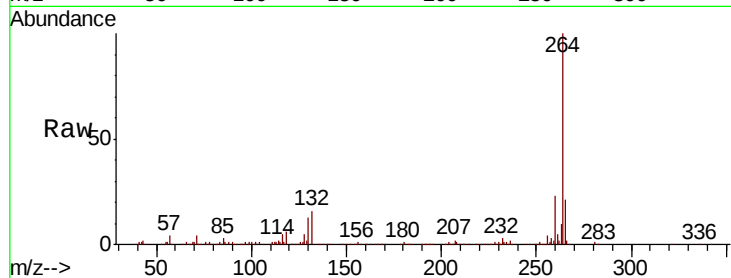
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.2	17.7	26.5

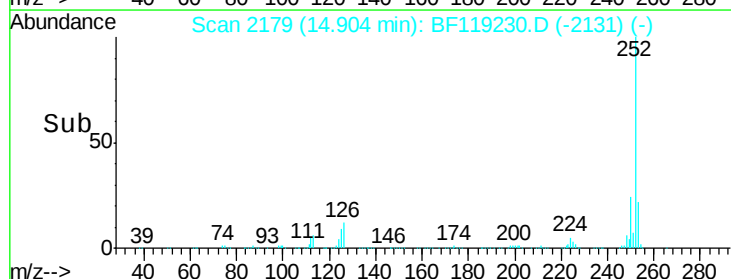
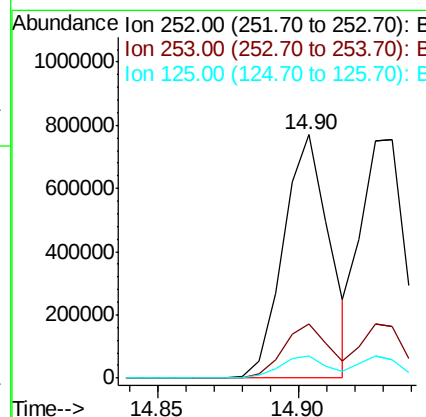
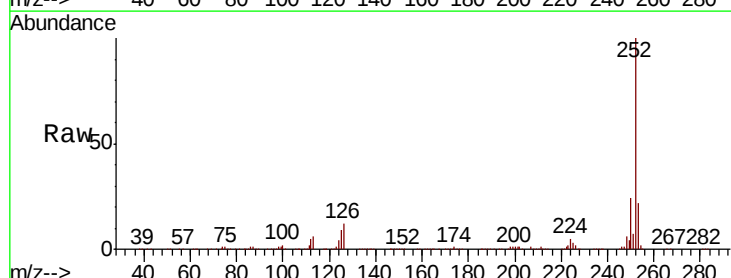
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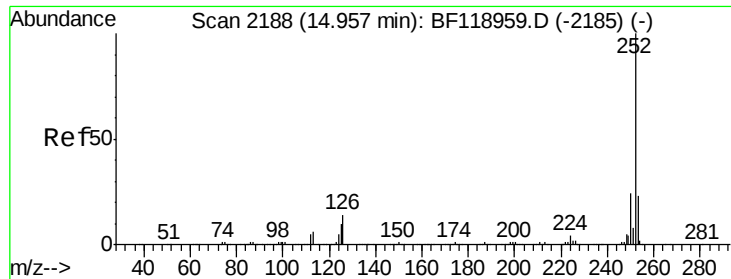
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#88
Benzo(b)fluoranthene
Concen: 42.099 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	8.9	7.4	11.0





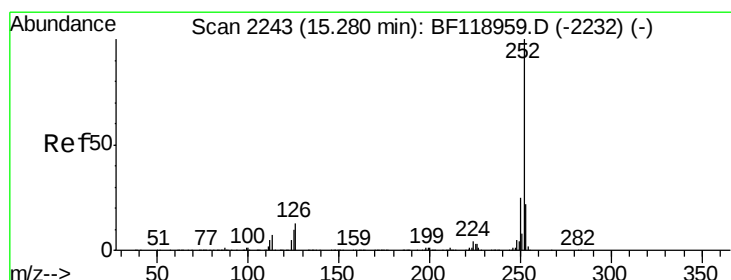
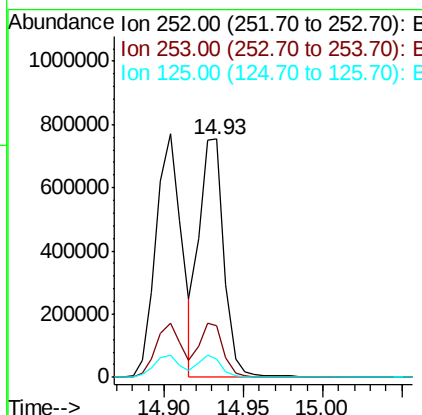
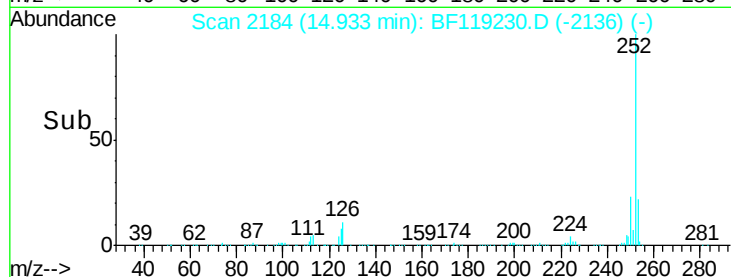
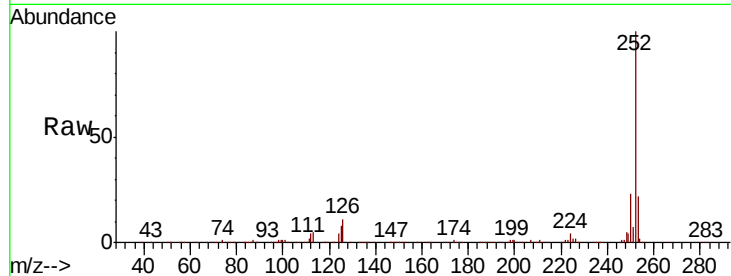
#89
Benzo(k)fluoranthene
Concen: 42.912 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampled :
CR-3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	7.8	7.5	11.3

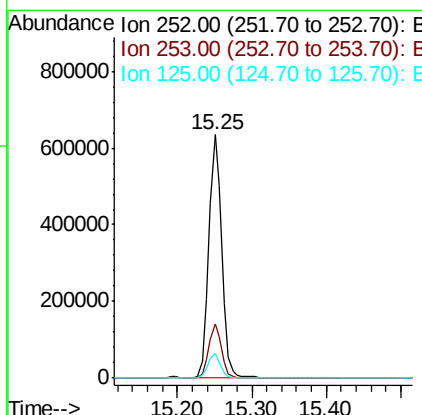
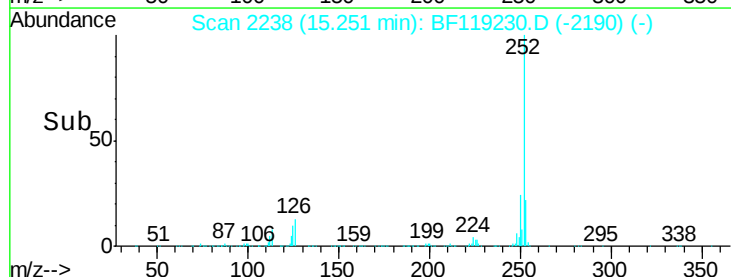
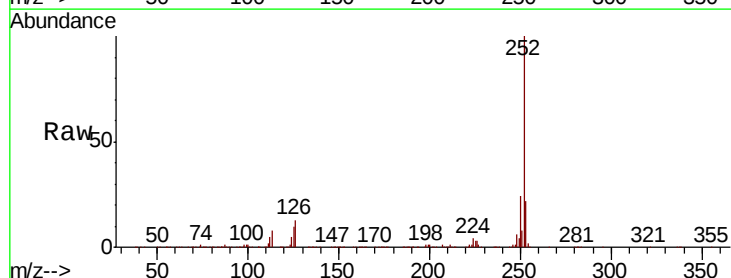
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#90
Benzo(a)pyrene
Concen: 40.585 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.0	8.6	12.8





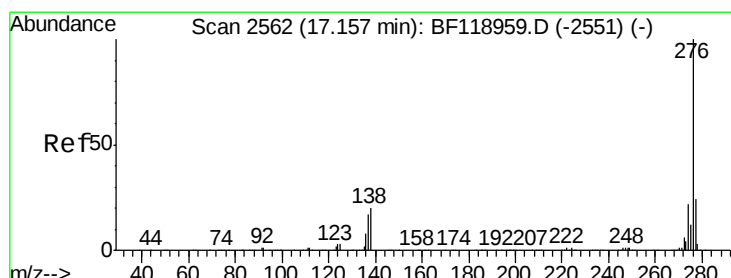
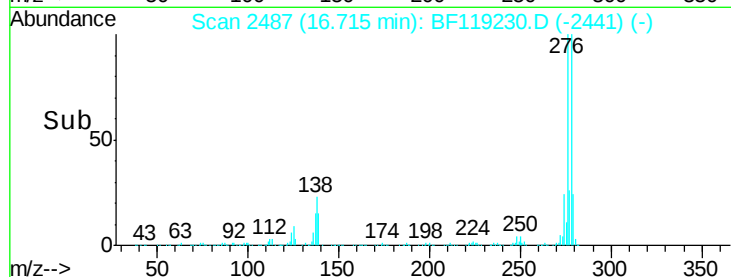
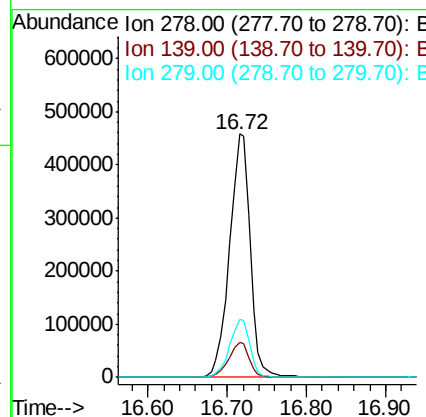
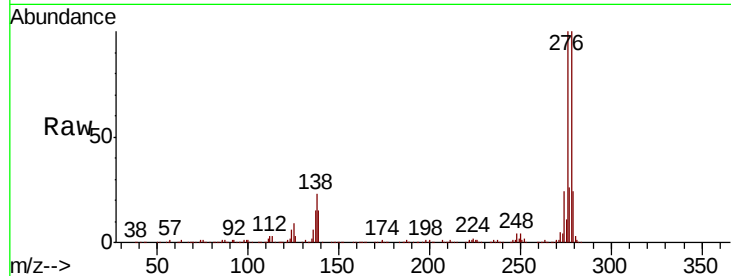
#91
Dibenzo(a,h)anthracene
Concen: 50.352 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.03 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.0	16.4
279	24.0	18.6	28.0

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#92
Benzo(g,h,i)perylene
Concen: 52.485 ng
RT: 17.13 min Scan# 2558
Delta R.T. -0.02 min
Lab File: BF119230.D
Acq: 5 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	18.5	14.3	21.5

