

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119231.D
 Acq On : 6 Mar 2020 00:29
 Operator : CG/JU
 Sample : L1775-13MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MSD

Manual Integrations
 APPROVED

mohammad
 3/9/2020 8:27:33 AM

Quant Time: Mar 06 07:45:10 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	146347	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	577902	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	325256	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	599870	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	371028	20.00	ng	-0.02
87) Perylene-d12	15.31	264	304071	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	861953	98.43	ng	0.00
7) Phenol-d6	6.39	99	1030796	96.79	ng	-0.02
23) Nitrobenzene-d5	7.29	82	697550	63.73	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	386411	90.82	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1374637	62.26	ng	-0.02
79) Terphenyl-d14	12.83	244	1598960	74.20	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	134232	34.428	ng	97
3) Pyridine	3.22	79	329725	30.965	ng	99
4) n-Nitrosodimethylamine	3.17	42	136380	42.280	ng	99
6) Aniline	6.39	93	288693	21.968	ng	91
8) 2-Chlorophenol	6.52	128	417287	44.155	ng	98
9) Benzaldehyde	6.27	77	317576	44.631	ng	100
10) Phenol	6.40	94	483731	42.009	ng	83
11) bis(2-Chloroethyl)ether	6.46	93	371899	42.211	ng	99
12) 1,3-Dichlorobenzene	6.66	146	448727	39.615	ng	96
13) 1,4-Dichlorobenzene	6.74	146	456383	40.264	ng	99
14) 1,2-Dichlorobenzene	6.89	146	420751	40.702	ng	98
15) Benzyl Alcohol	6.88	79	340111	44.186	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	296678	38.872	ng	# 18
17) 2-Methylphenol	7.00	107	331687	43.289	ng	# 92
18) Hexachloroethane	7.23	117	164879	40.658	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	281481	45.357	ng	96
20) 3+4-Methylphenols	7.16	107	436337	46.482	ng	# 86
22) Acetophenone	7.14	105	557507	41.695	ng	# 95
24) Nitrobenzene	7.31	77	427080	39.458	ng	97
25) Isophorone	7.55	82	768312	40.420	ng	99
26) 2-Nitrophenol	7.63	139	231236	40.321	ng	99
27) 2,4-Dimethylphenol	7.67	122	340413	43.737	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	462223	37.359	ng	99
29) 2,4-Dichlorophenol	7.88	162	363556	39.678	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	400902	36.903	ng	99
31) Naphthalene	8.03	128	1183023	39.472	ng	99
32) Benzoic acid	7.85	122	199298	36.889	ng	97
33) 4-Chloroaniline	8.09	127	152275	11.813	ng	98
34) Hexachlorobutadiene	8.15	225	240763	35.579	ng	98
35) Caprolactam	8.47	113	104859m	37.166	ng	
36) 4-Chloro-3-methylphenol	8.59	107	389675	42.022	ng	96
37) 2-Methylnaphthalene	8.72	142	822599	40.784	ng	98
38) 1-Methylnaphthalene	8.82	142	772181	40.708	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	408241	37.227	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	203174	54.316	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	251385	36.300	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	268227	36.911	nq	97
46) 1,1'-Biphenyl	9.19	154	993209	37.783	nq	98
47) 2-Chloronaphthalene	9.21	162	799133	37.724	nq	98
48) 2-Nitroaniline	9.32	65	225913	38.235	nq	99
49) Acenaphthylene	9.63	152	1223526	39.990	nq	99
50) Dimethylphthalate	9.49	163	1101400	44.283	nq	99
51) 2,6-Dinitrotoluene	9.56	165	215516	39.002	nq	93
52) Acenaphthene	9.80	154	718473	38.945	nq	98
53) 3-Nitroaniline	9.73	138	92046	15.026	nq	99
54) 2,4-Dinitrophenol	9.85	184	184600	69.788	nq	96
55) Dibenzofuran	9.97	168	1060398	38.509	nq	100
56) 4-Nitrophenol	9.92	139	188035	51.088	nq	98
57) 2,4-Dinitrotoluene	9.97	165	270676	37.791	nq	97
58) Fluorene	10.31	166	860194	40.201	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	239699	39.091	nq	94
60) Diethylphthalate	10.19	149	924845	39.458	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	444761	39.269	nq	99
62) 4-Nitroaniline	10.35	138	189599	30.251	nq	96
63) Azobenzene	10.46	77	824505	40.470	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	156489	43.111	nq	92
66) n-Nitrosodiphenylamine	10.42	169	781988	39.812	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	295603	37.699	nq	98
68) Hexachlorobenzene	10.86	284	337020	37.280	nq	97
69) Atrazine	10.95	200	256441	37.367	nq	99
70) Pentachlorophenol	11.07	266	231689	63.622	nq	99
71) Phenanthrene	11.27	178	1275313	38.984	nq	98
72) Anthracene	11.32	178	1320998	40.414	nq	98
73) Carbazole	11.48	167	1123529	38.583	nq	99
74) Di-n-butylphthalate	11.80	149	1399117	39.675	nq	99
75) Fluoranthene	12.46	202	1321348	38.052	nq	99
77) Benzidine	12.58	184	483726	32.057	nq	98
78) Pyrene	12.69	202	1317783	44.231	nq	99
80) Butylbenzylphthalate	13.30	149	555032	44.264	nq	99
81) Benzo(a)anthracene	13.87	228	1019282	40.319	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	235568	23.997	nq	99
83) Chrysene	13.91	228	975764	38.736	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	714543	45.106	nq	99
85) Di-n-octyl phthalate	14.46	149	1007394	39.913	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	895441	36.712	nq	100
88) Benzo(b)fluoranthene	14.90	252	797832	39.807	nq	99
89) Benzo(k)fluoranthene	14.93	252	756316	40.719	nq	100
90) Benzo(a)pyrene	15.25	252	690194	38.155	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	747434	46.960	nq	99
92) Benzo(g,h,i)perylene	17.13	276	766146	48.718	nq	99

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



#1

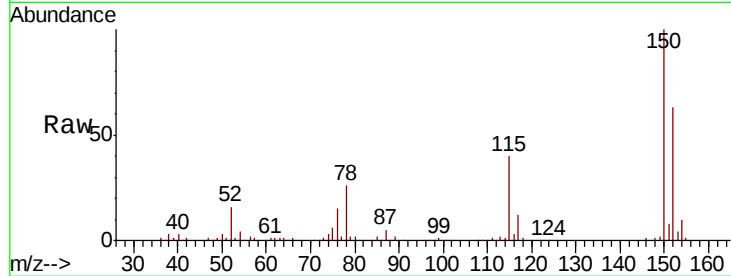
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.0	184.6
115	63.1	49.5	74.3

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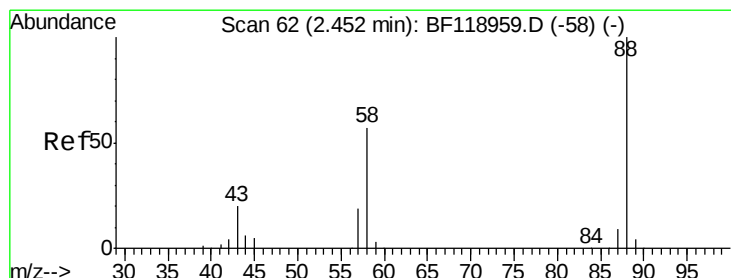
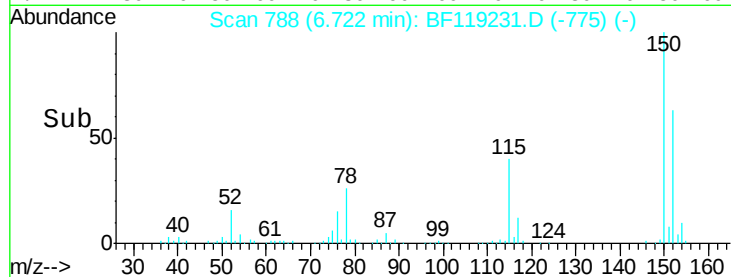
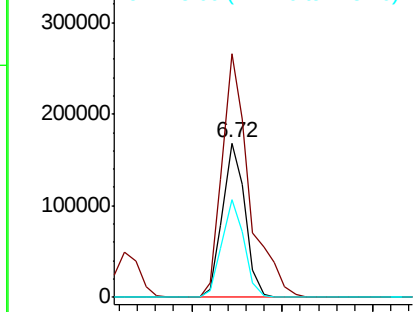


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

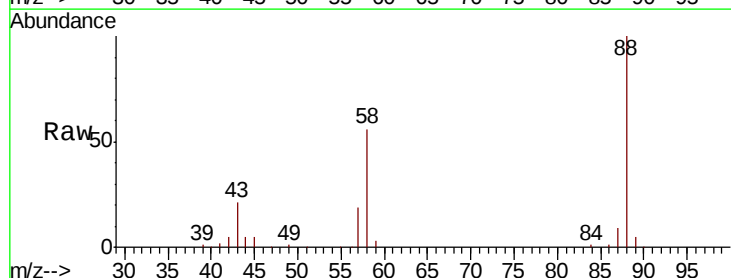
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.428 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.0	43.8	65.6
43	20.9	16.2	24.4

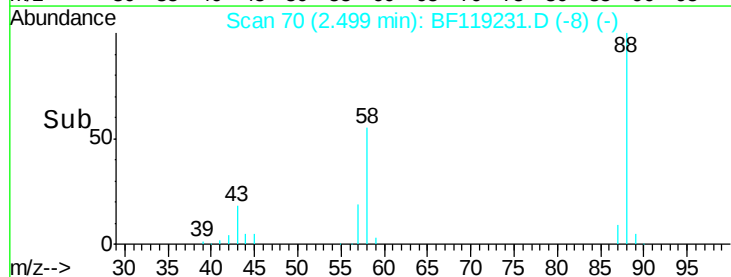
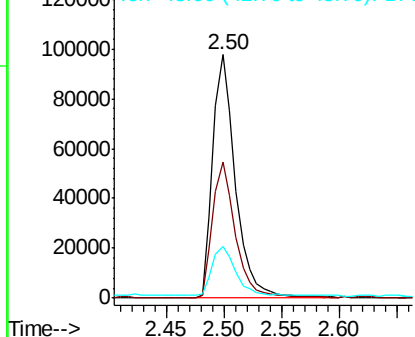


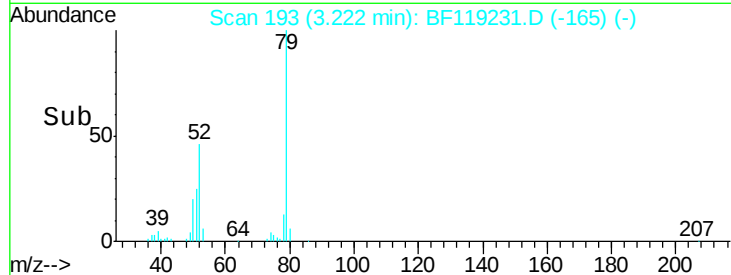
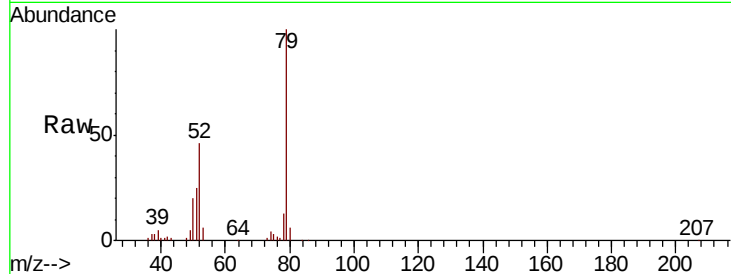
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





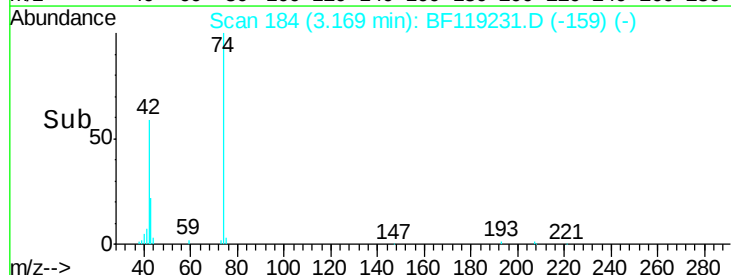
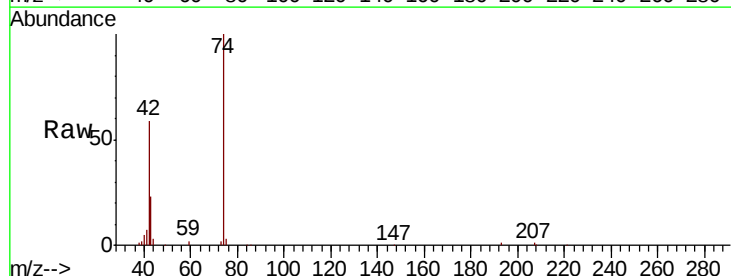
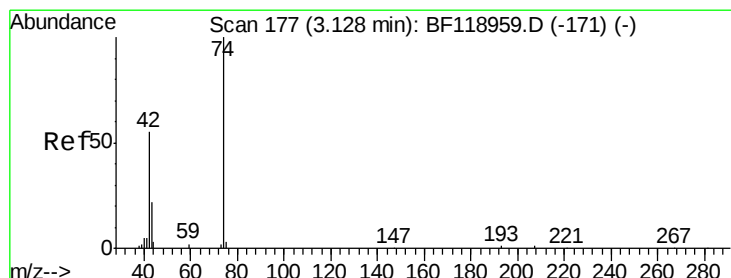
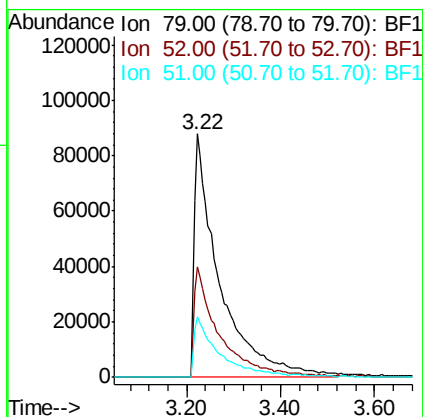
#3
 Pvridine
 Concen: 30.965 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.06 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	329725		
52	52	45.6		37.4	56.0
51	51	25.0		19.8	29.6

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MSD

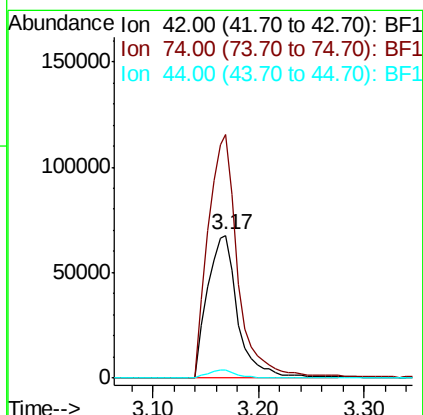
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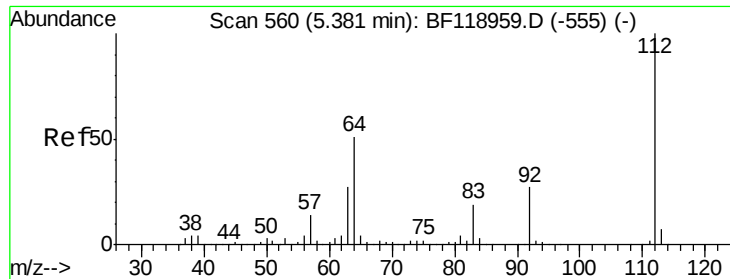
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#4
 n-Nitrosodimethylamine
 Concen: 42.280 ng
 RT: 3.17 min Scan# 184
 Delta R.T. 0.05 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	136380		
74	74	170.6		137.7	206.5
44	44	5.5		4.5	6.7





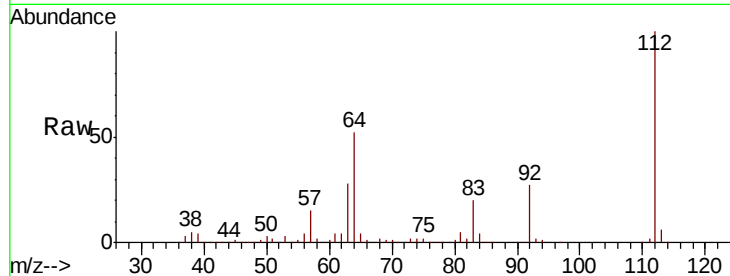
#5
2-Fluorophenol
Concen: 98.429 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampled :
CR-3MSD

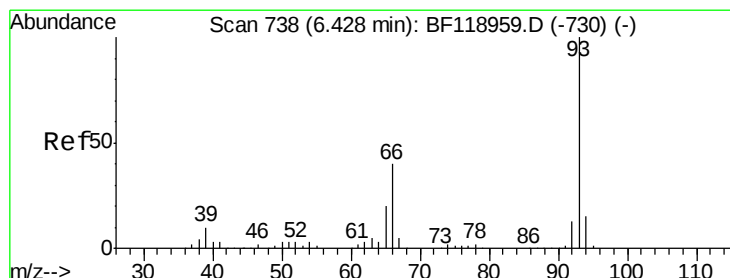
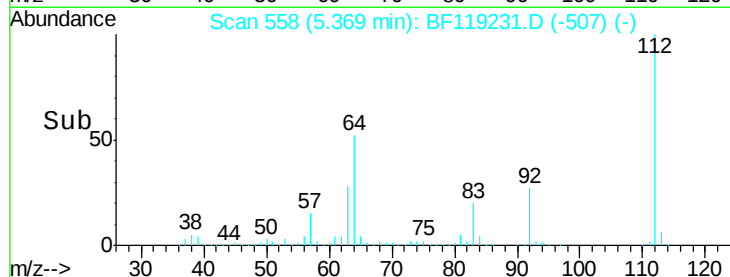
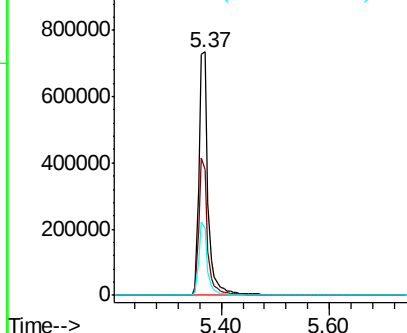
Tot Ion:	112	Resp:	861953
Ion Ratio	Lower	Upper	
112	100		
64	51.5	45.0	67.4
63	27.8	24.2	36.4

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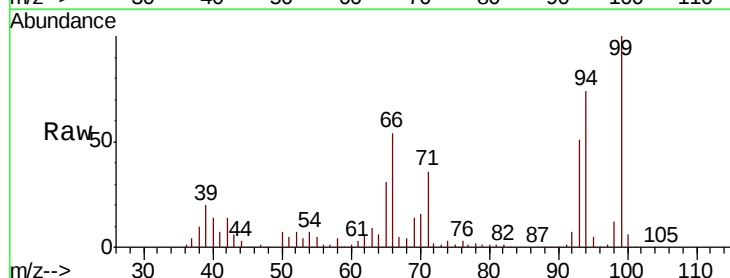


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

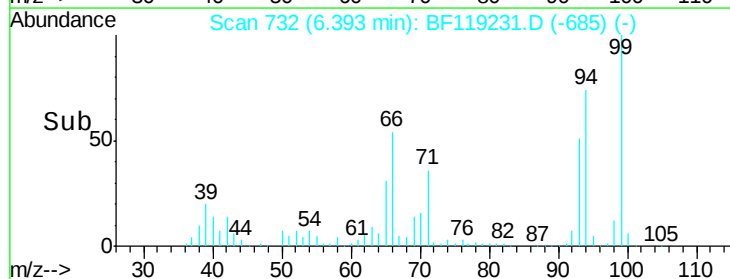
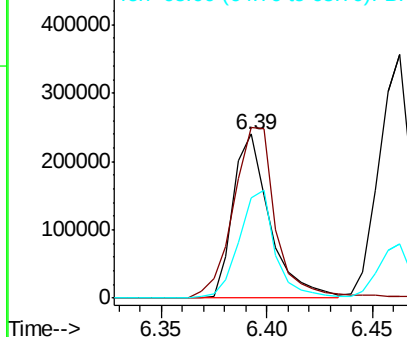


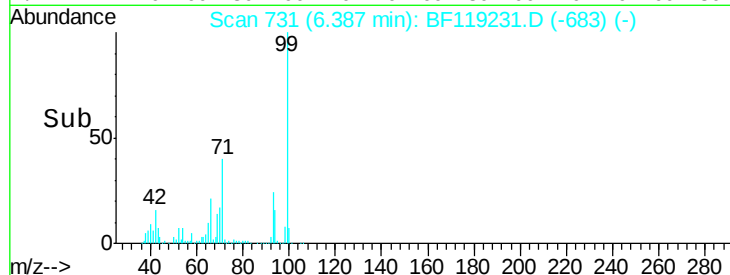
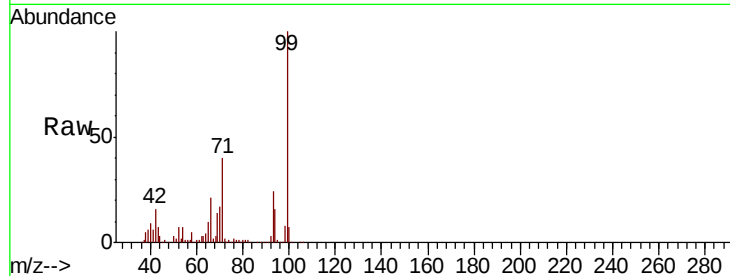
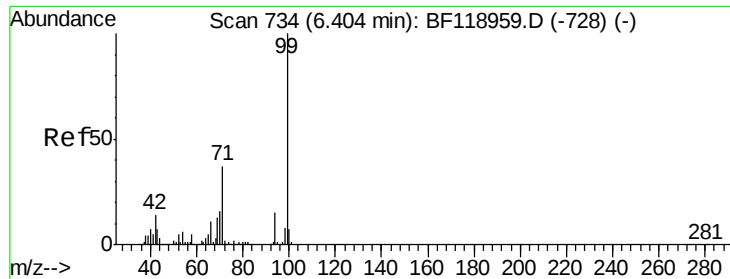
#6
Aniline
Concen: 21.968 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:	93	Resp:	288693
Ion Ratio	Lower	Upper	
93	100		
66	104.1	74.5	111.7
65	61.0	45.3	67.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.786 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Tot Ion: 99 Resp: 1030796

Ion Ratio Lower Upper

99 100

42 15.9 12.6 18.8

71 40.3 31.0 46.4

Instrument :

BNA_F

ClientSampleId :

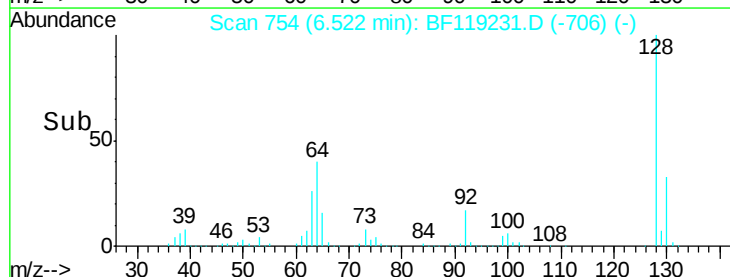
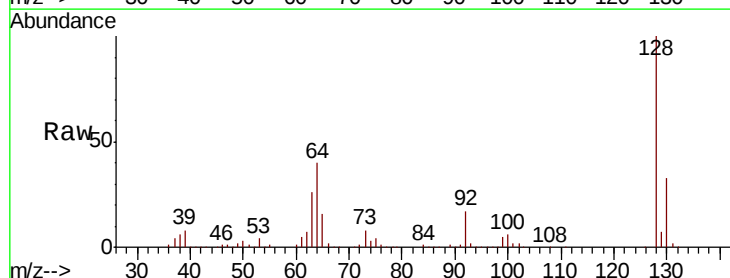
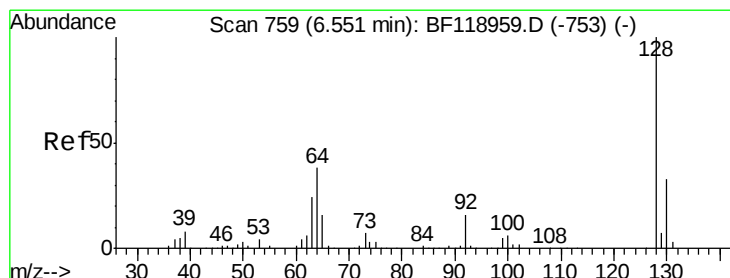
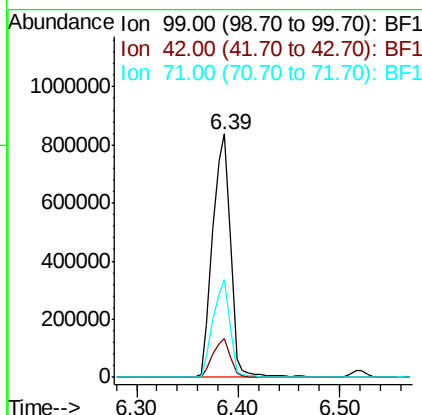
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#8

2-Chlorophenol

Concen: 44.155 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

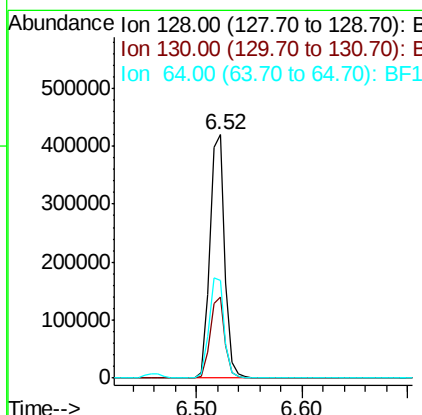
Tgt Ion:128 Resp: 417287

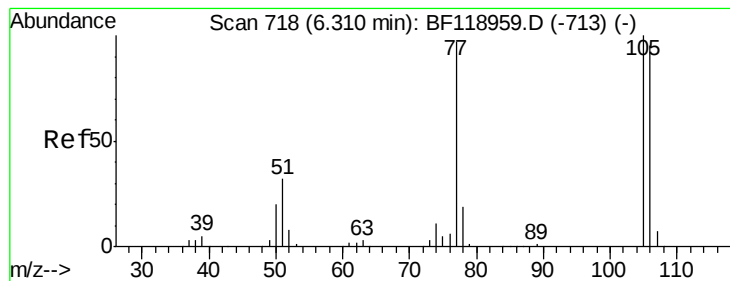
Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

64 39.9 22.3 62.3





#9

Benzaldehyde

Concen: 44.631 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

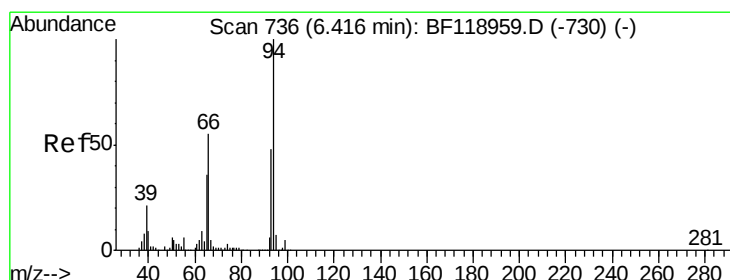
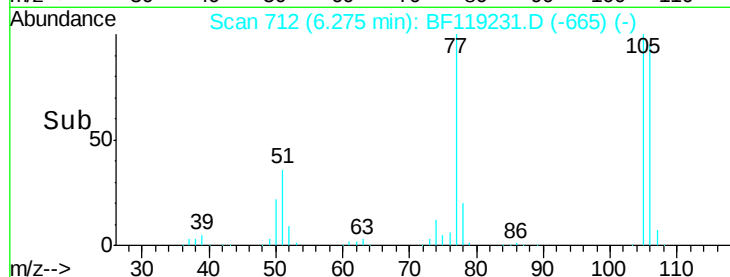
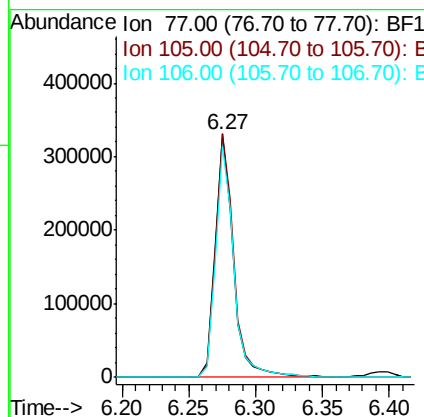
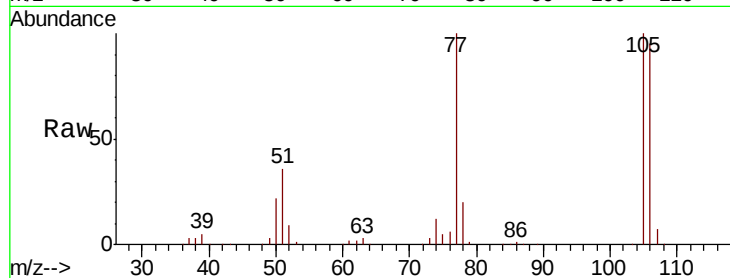
ClientSampleId :

CR-3MSD

Tot Ion:	77	Resp:	317576
Ion	Ratio	Lower	Upper
77	100		
105	100.2	80.1	120.1
106	95.1	75.9	115.9

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#10

Phenol

Concen: 42.009 ng

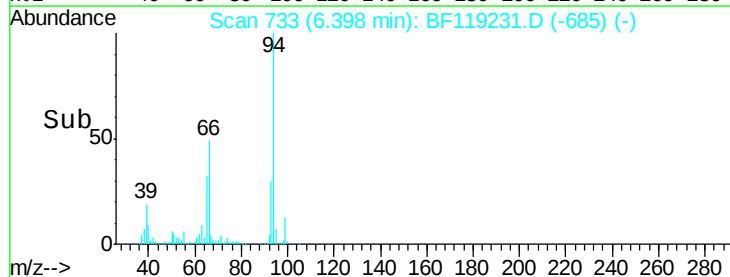
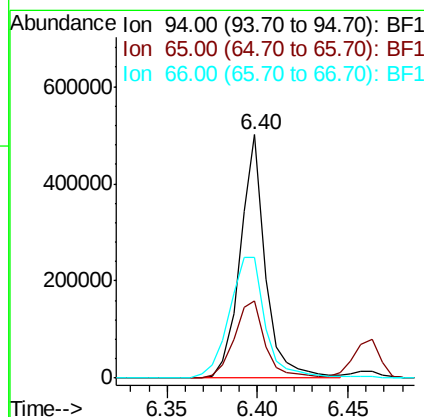
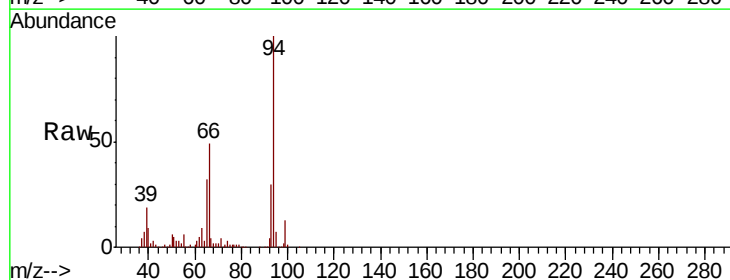
RT: 6.40 min Scan# 733

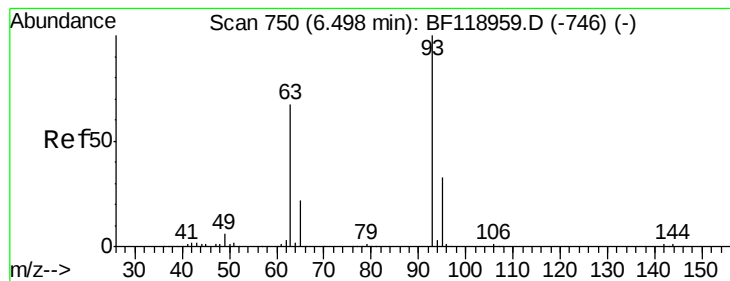
Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Tgt Ion:	94	Resp:	483731
Ion	Ratio	Lower	Upper
94	100		
65	31.6	19.2	59.2
66	49.5	44.4	84.4





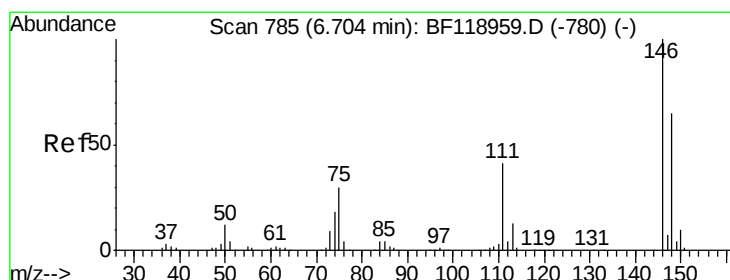
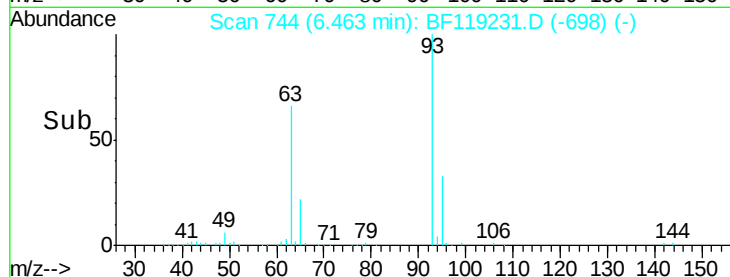
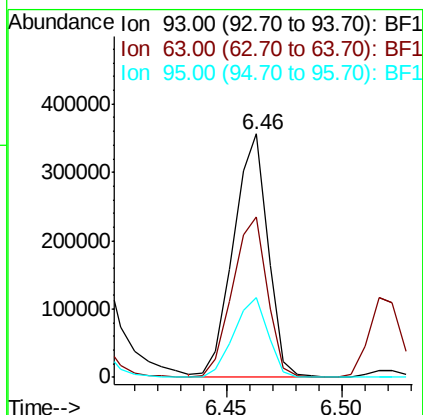
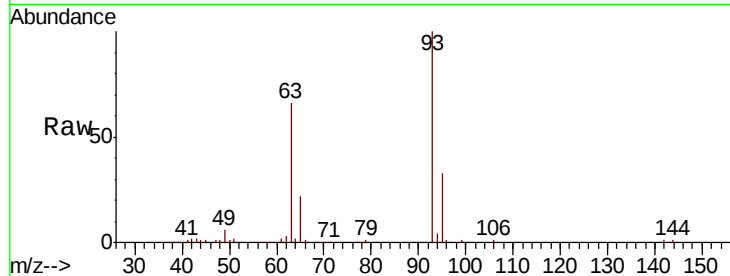
#11
bis(2-Chloroethyl)ether
Concen: 42.211 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.0	45.4	85.4
95	33.0	13.5	53.5

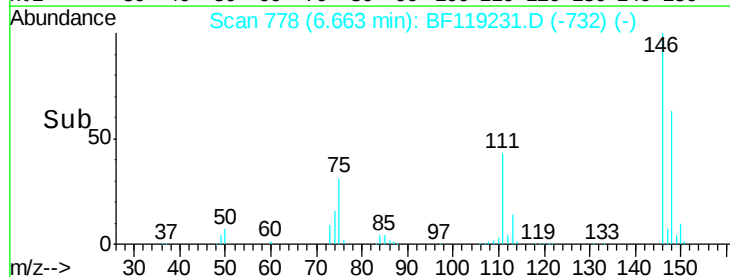
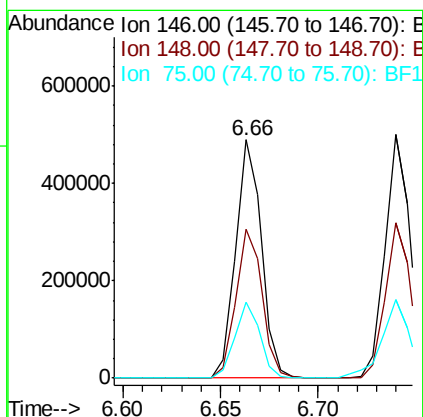
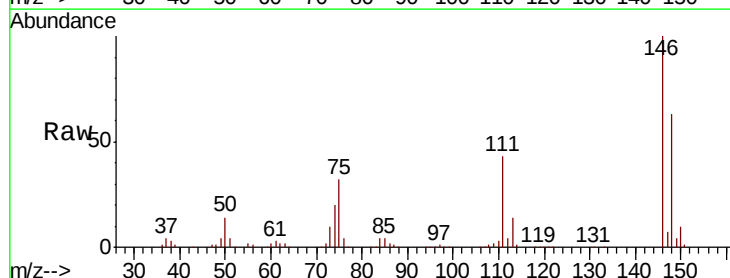
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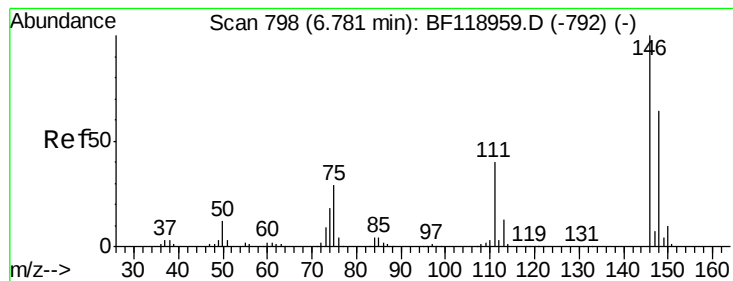
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.615 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.5	78.7
75	32.1	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 40.264 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

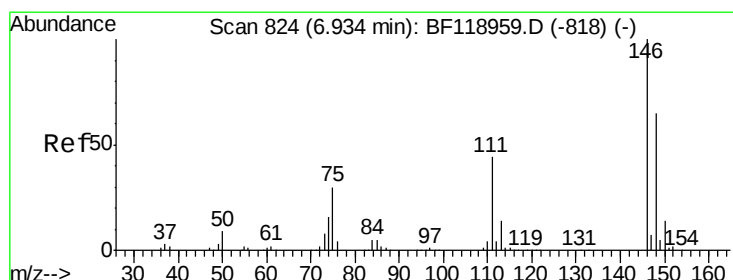
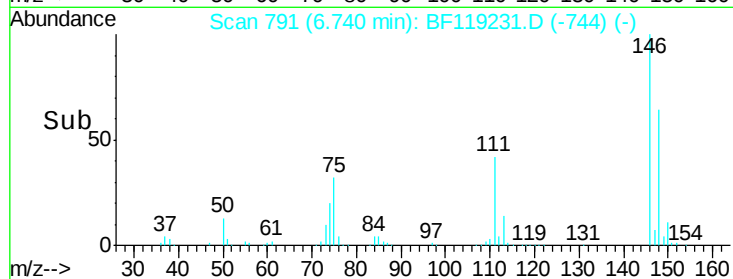
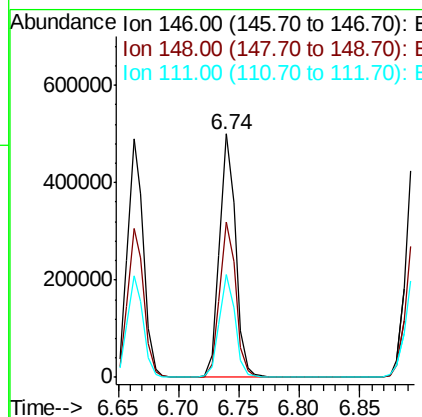
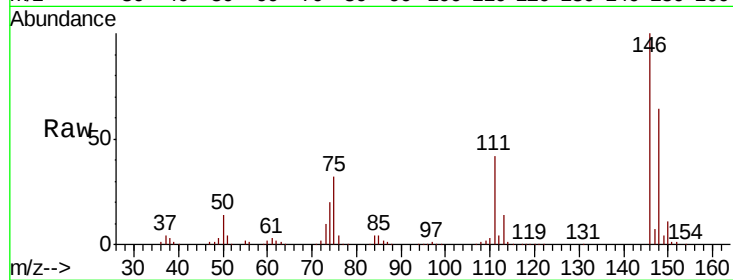
ClientSampleId :

CR-3MSD

Tot Ion:	146	Resp:	456383
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.1	76.7
111	42.1	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 40.702 ng

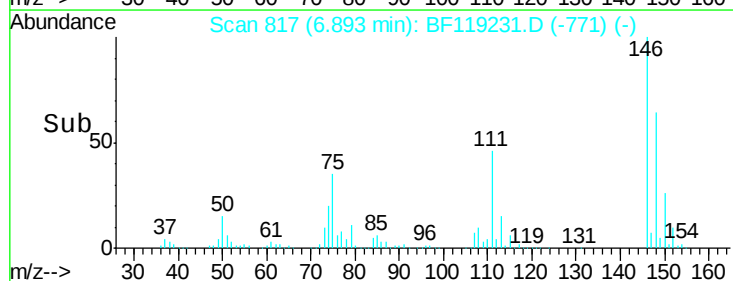
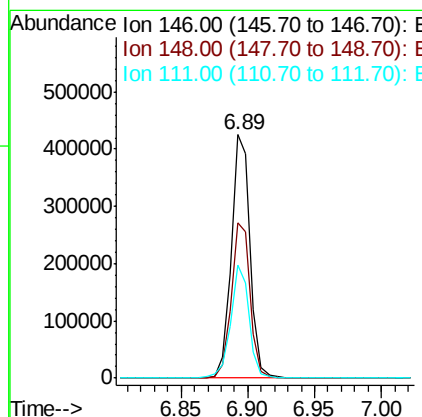
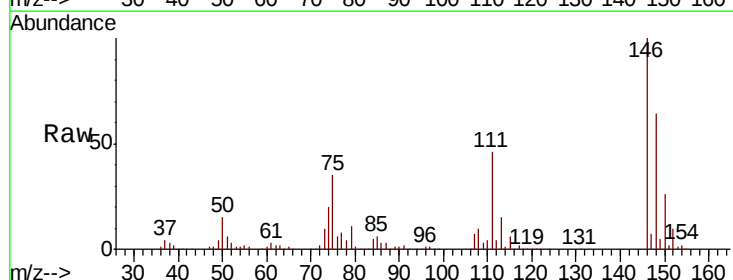
RT: 6.89 min Scan# 817

Delta R.T. -0.03 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Tgt Ion:	146	Resp:	420751
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.9	77.9
111	46.5	36.2	54.2





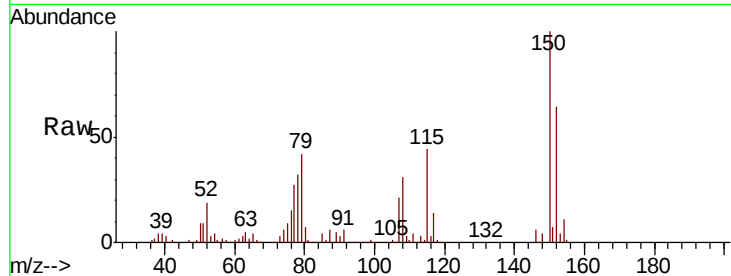
#15
Benzyl Alcohol
Concen: 44.186 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.6	58.2	87.2
77	64.4	51.2	76.8

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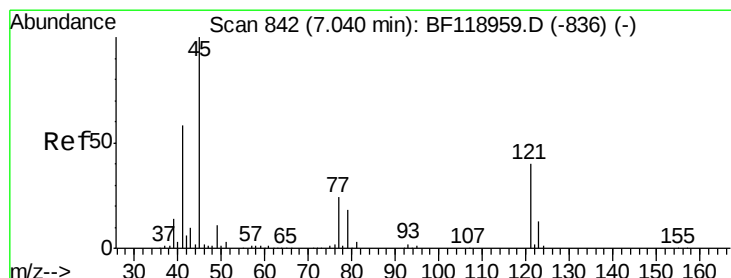
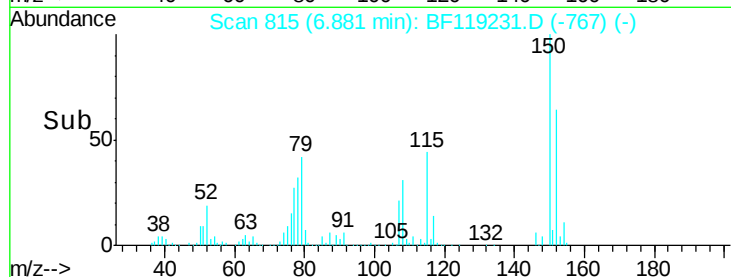
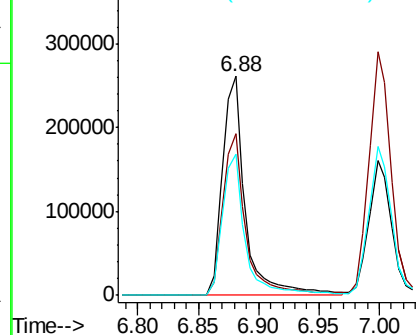


Abundance

Ion 79.00 (78.70 to 79.70): BF1

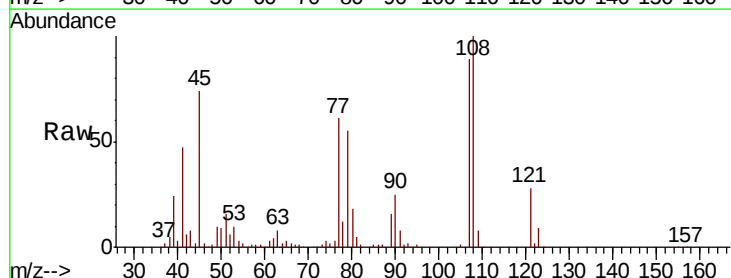
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.872 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	81.9	15.0	55.0#
79	74.4	9.4	49.4#

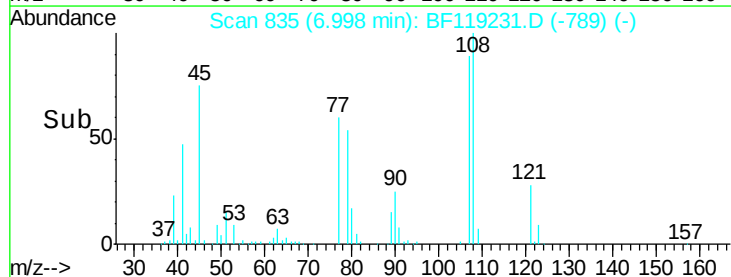
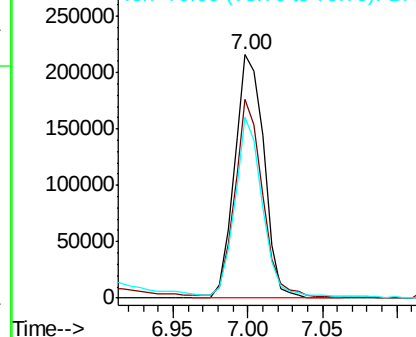


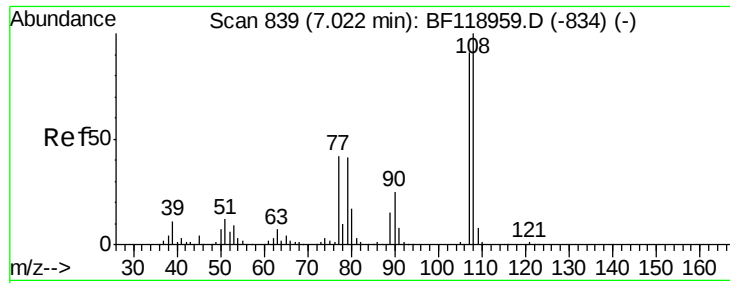
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





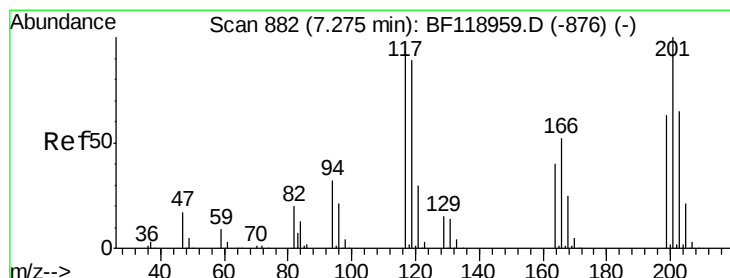
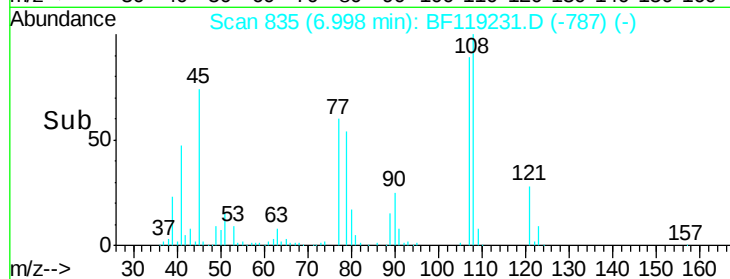
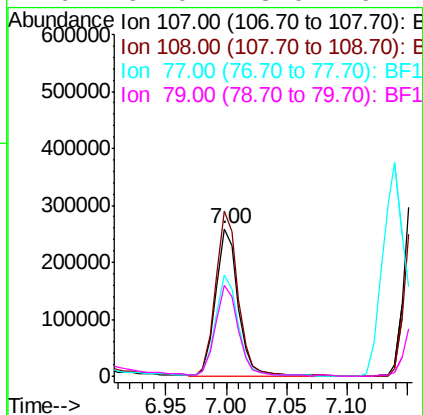
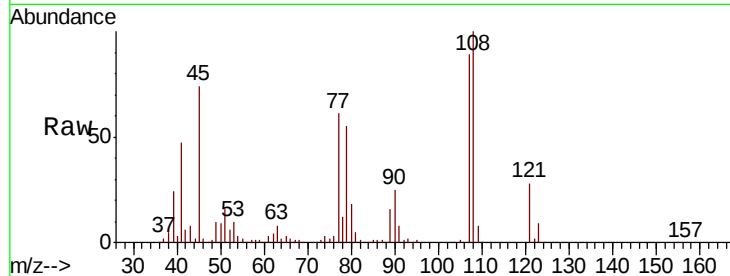
#17
2-Methylphenol
Concen: 43.289 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleID :
CR-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	87.9	131.9	
77	68.3	45.3	67.9	
79	62.0	43.0	64.4	

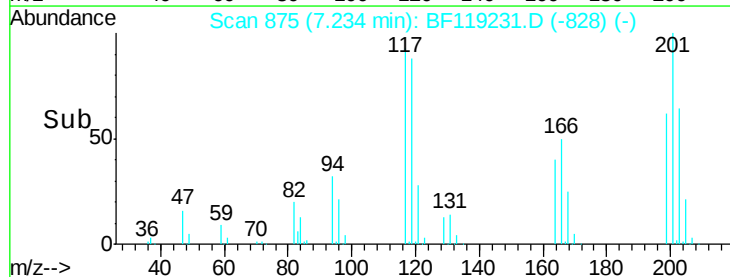
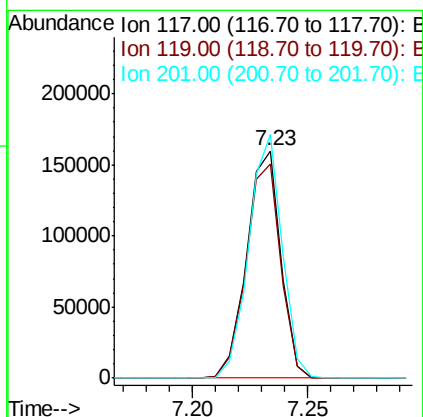
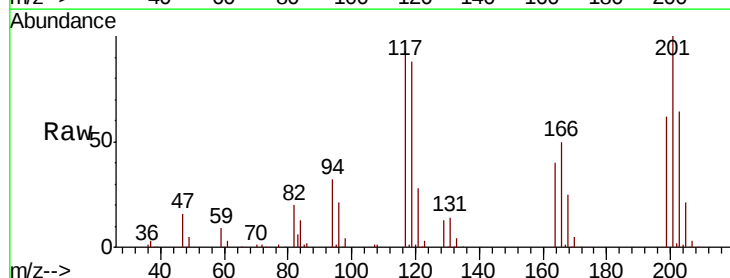
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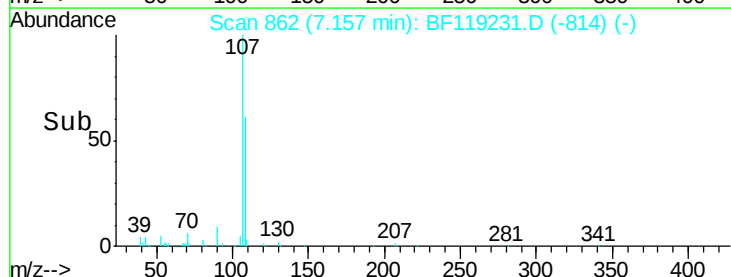
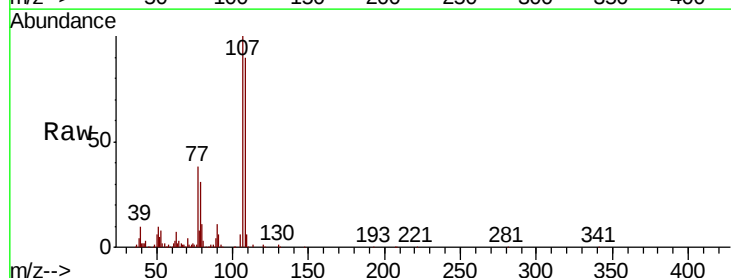
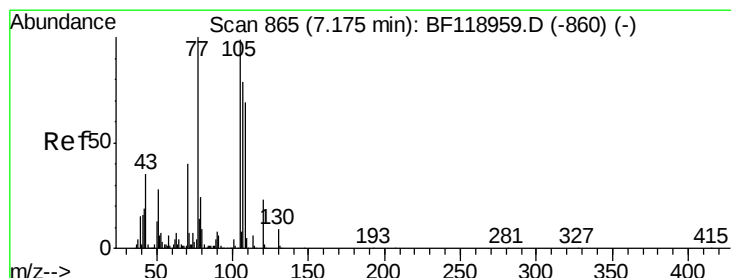
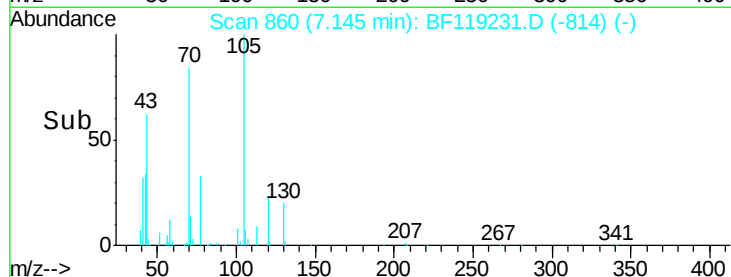
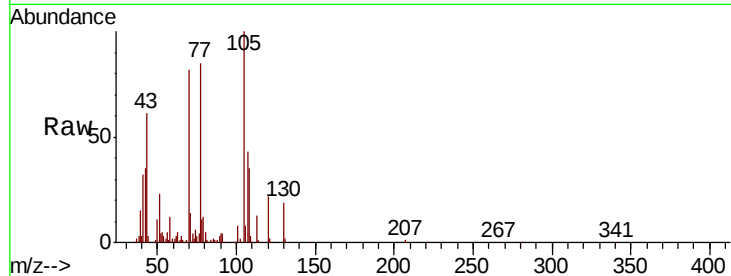
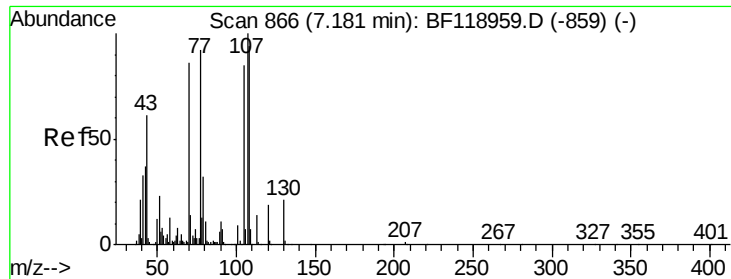
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#18
Hexachloroethane
Concen: 40.658 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

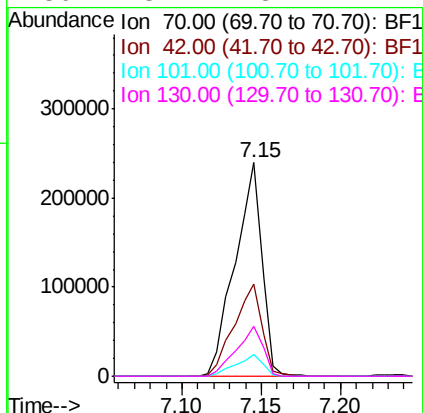
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	77.5	116.3	
201	107.3	82.6	123.8	





#19
n-Nitroso-di-n-propylamine
Concen: 45.357 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.2	38.0	57.0
101	10.0	8.2	12.4
130	23.4	18.2	27.4



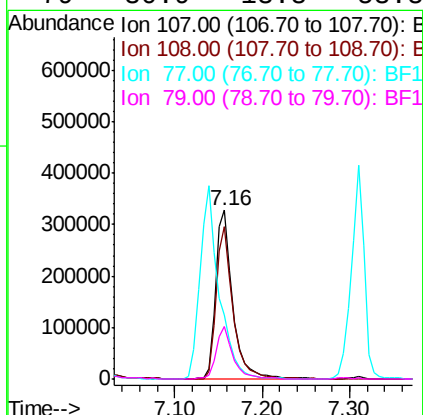
Instrument :
BNA_F
ClientSampleId :
CR-3MSD

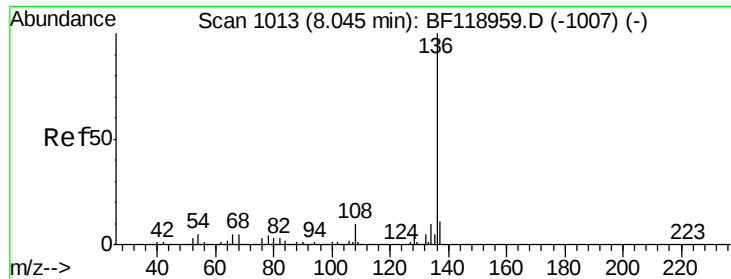
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#20
3+4-Methylphenols
Concen: 46.482 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.5	111.5
77	37.9	45.9	85.9#
79	30.9	13.8	53.8





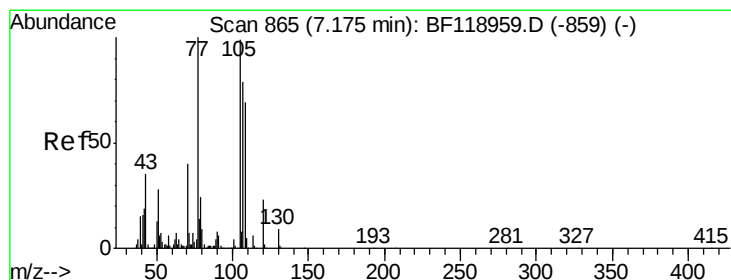
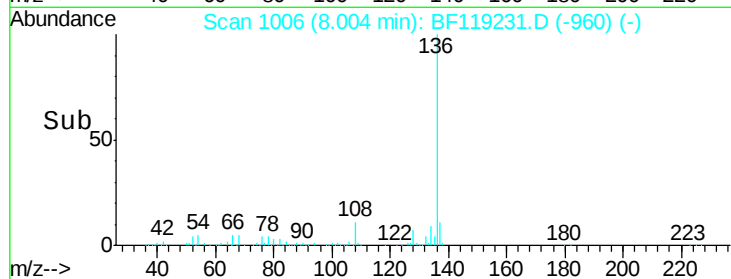
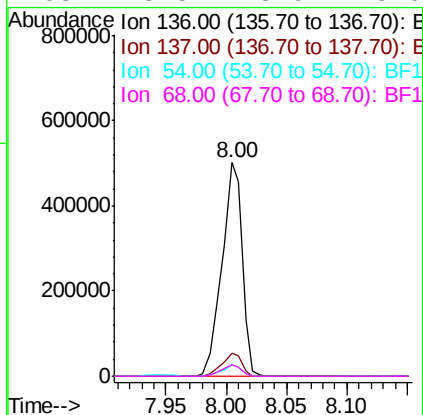
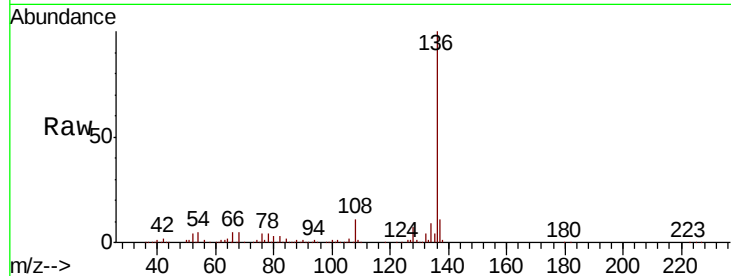
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	577902		
137	11.0		8.8	13.2
54	5.3		3.8	5.6
68	5.5		3.9	5.9

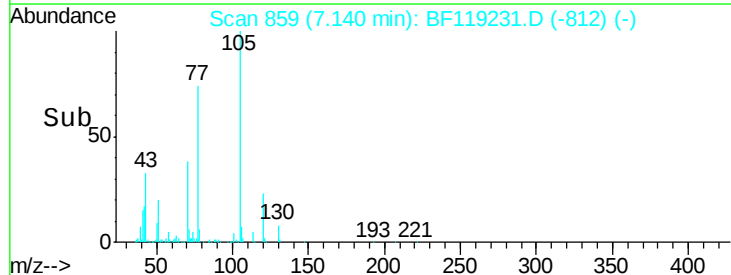
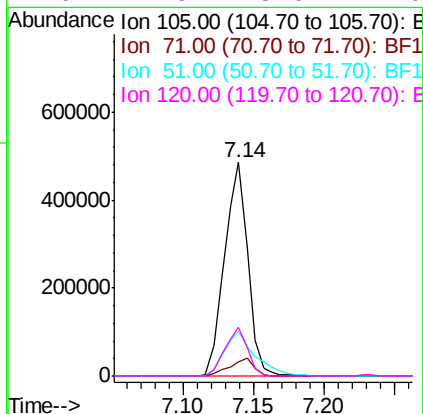
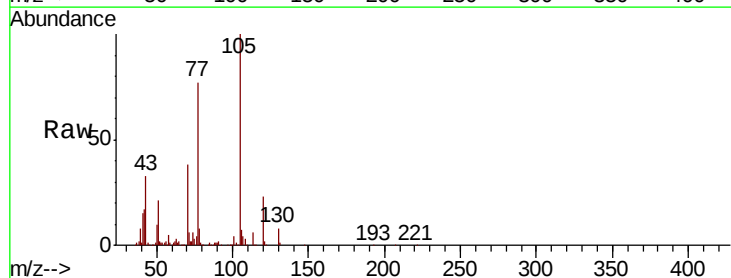
Manual Integrations
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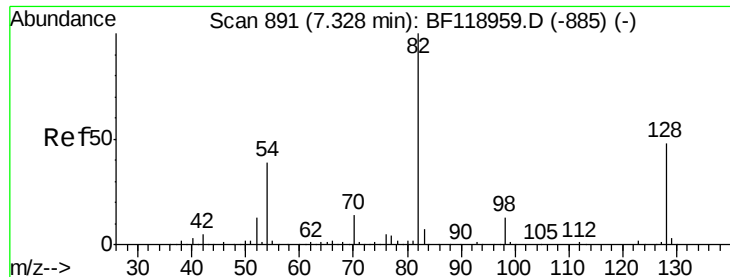
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#22
Acetophenone
Concen: 41.695 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	557507		
71	6.4		3.0	4.4#
51	21.3		20.1	30.1
120	22.9		18.0	27.0





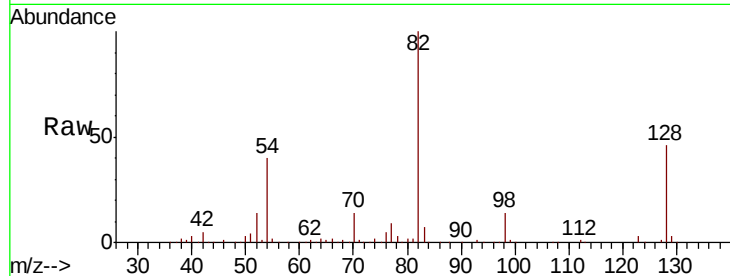
#23
Nitrobenzene-d5
Concen: 63.732 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

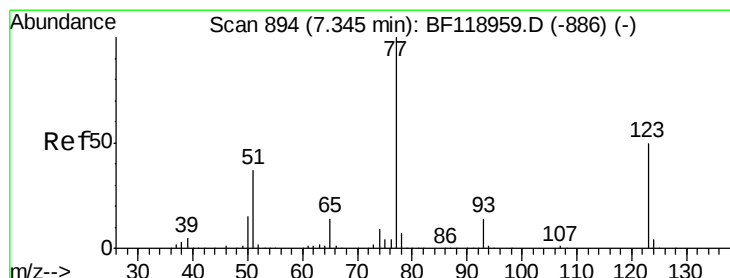
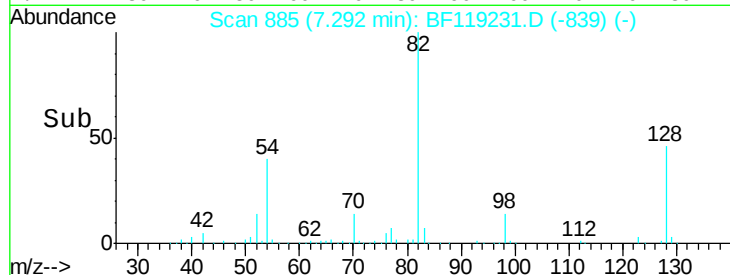
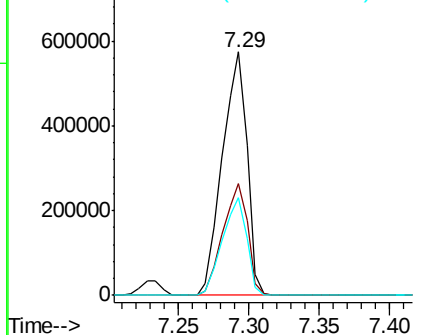
Tot Ion	82	Resp	697550
Ion Ratio	Lower	Upper	
82	100		
128	46.1	37.9	56.9
54	40.4	33.4	50.2

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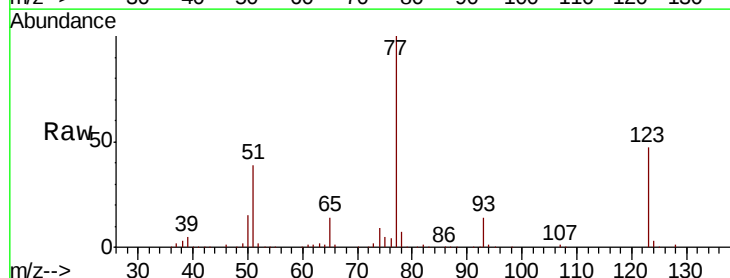


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

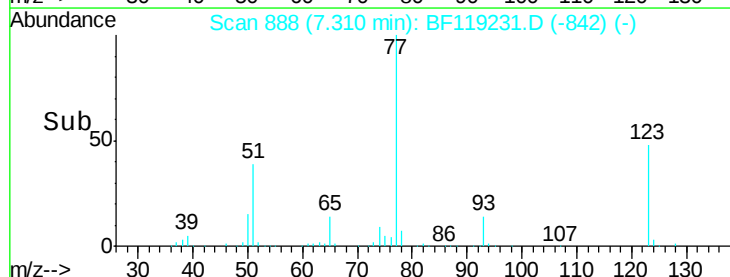
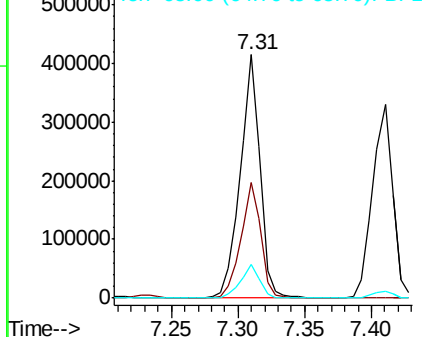


#24
Nitrobenzene
Concen: 39.458 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	77	Resp	427080
Ion Ratio	Lower	Upper	
77	100		
123	47.4	40.2	60.2
65	13.7	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF1





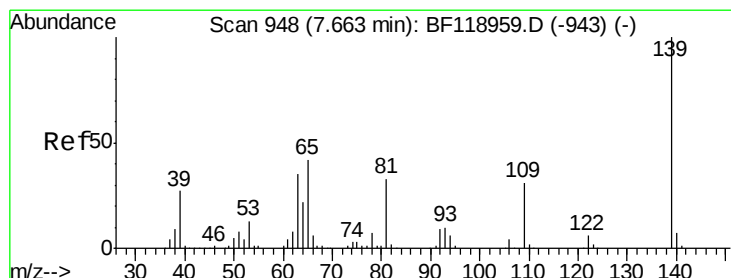
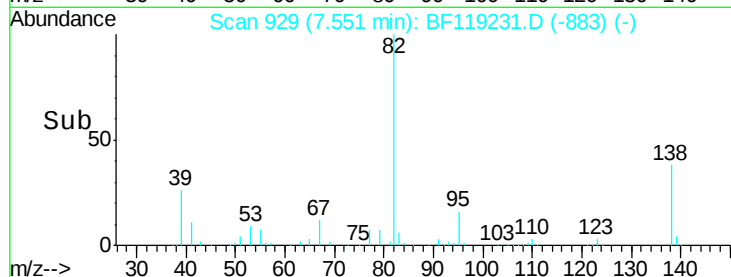
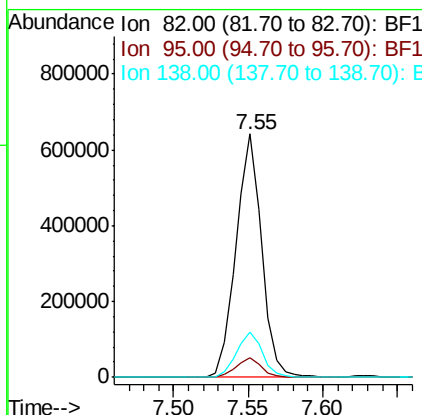
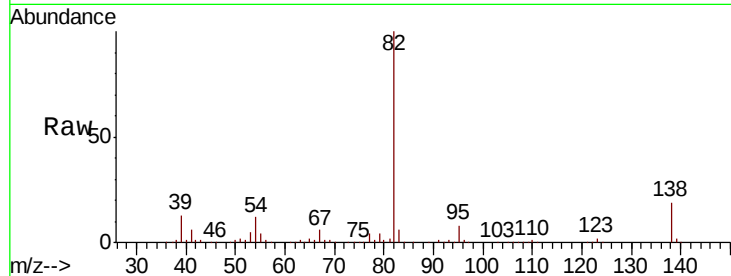
#25
Isophorone
Concen: 40.420 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	82	Resp	768312
Ion Ratio	100	Lower	Upper
82	100		
95	8.1	6.4	9.6
138	18.8	15.7	23.5

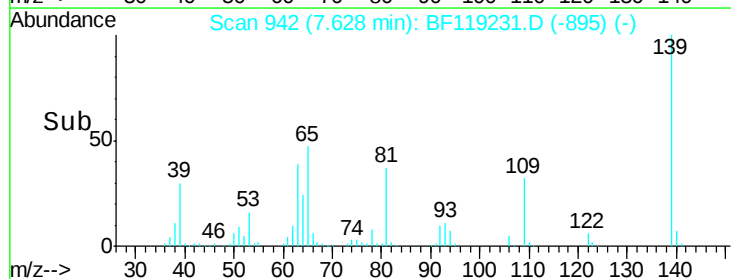
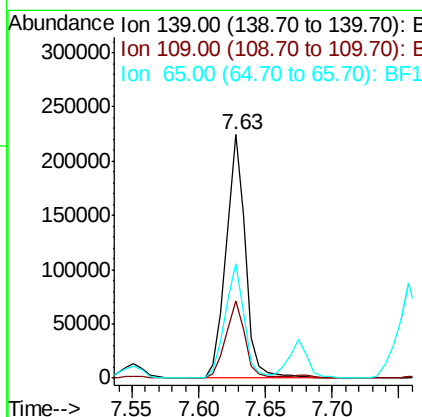
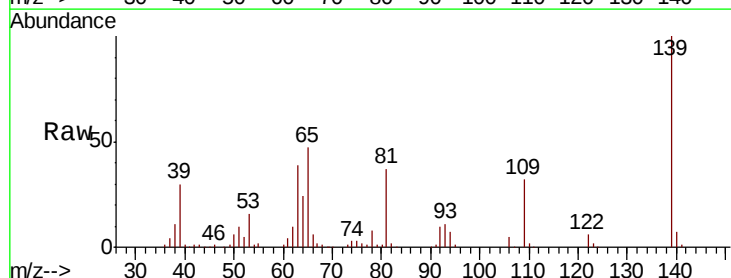
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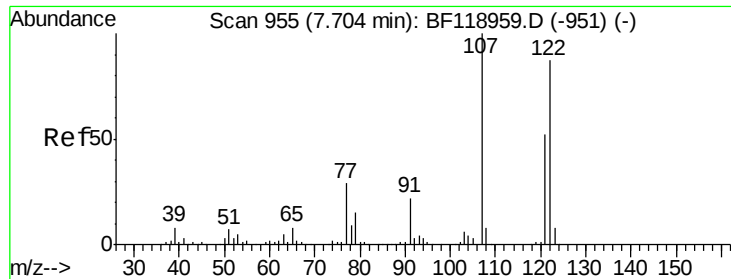
mohammad
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#26
2-Nitrophenol
Concen: 40.321 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	139	Resp	231236
Ion Ratio	100	Lower	Upper
139	100		
109	31.8	25.7	38.5
65	46.8	37.1	55.7





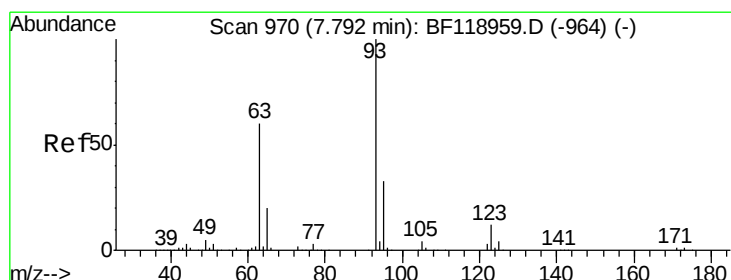
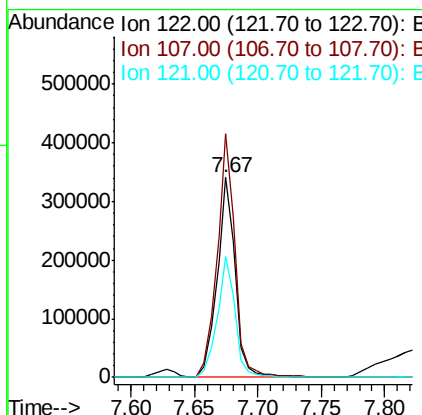
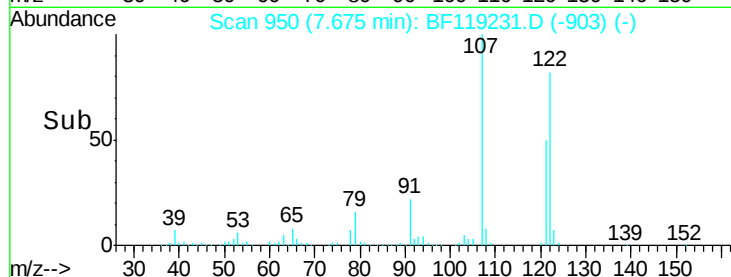
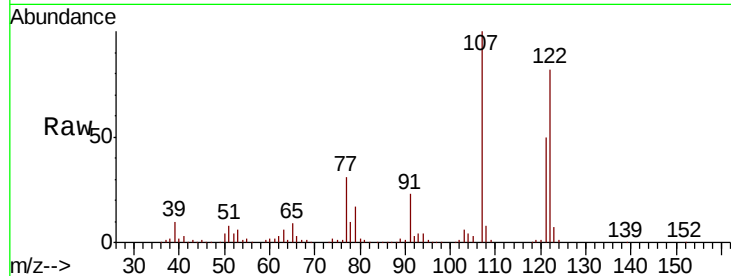
#27
2,4-Dimethylphenol
Concen: 43.737 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampled :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.9	93.8	140.6
121	60.4	48.2	72.2

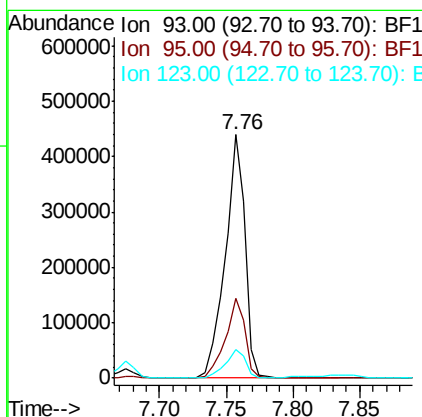
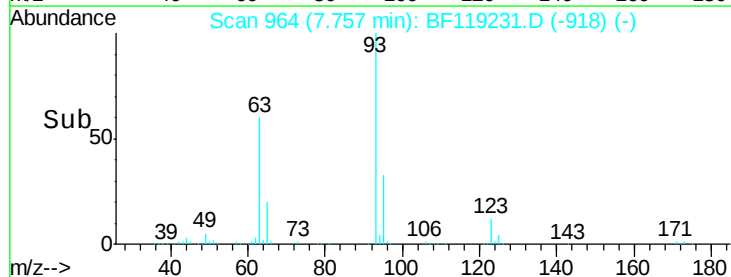
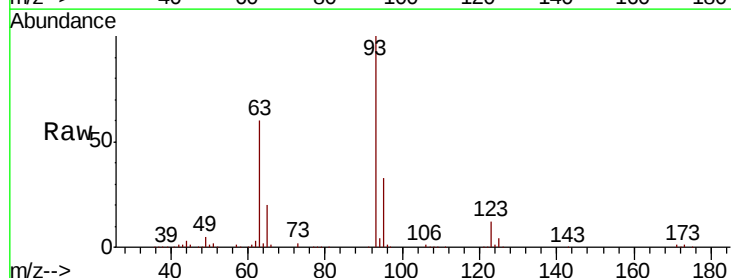
Manual Integrations
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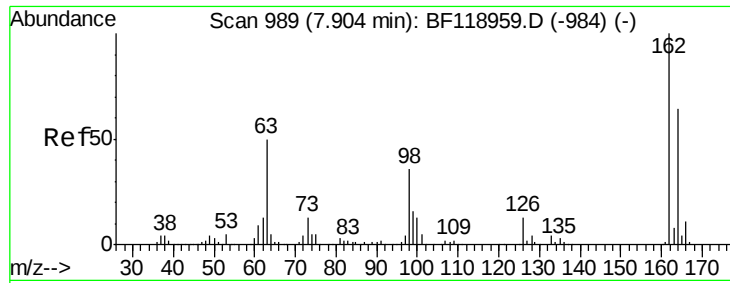
mohammad
3/9/2020 8:27:33 AM



#28
bis(2-Chloroethoxy)methane
Concen: 37.359 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	11.8	10.2	15.2





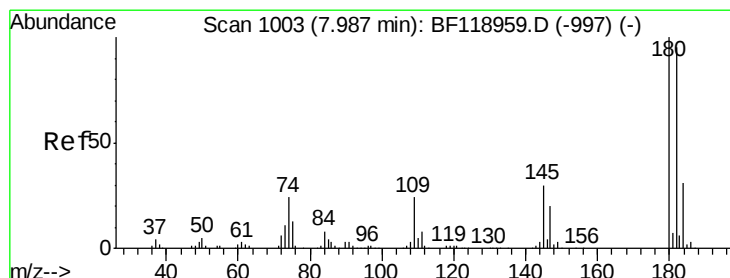
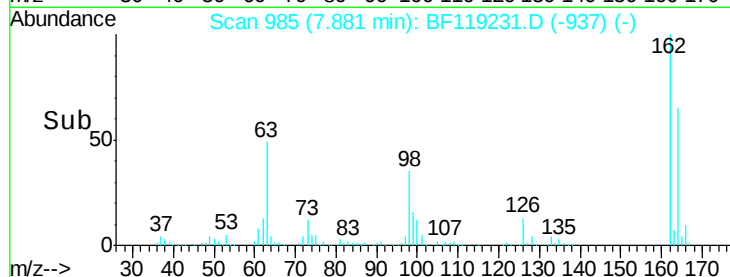
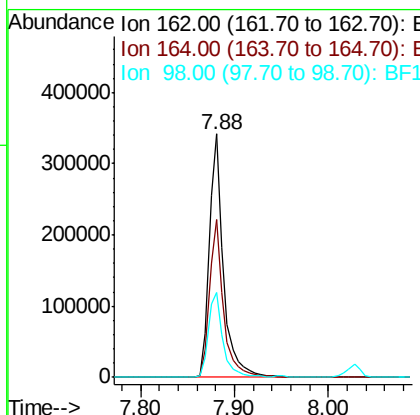
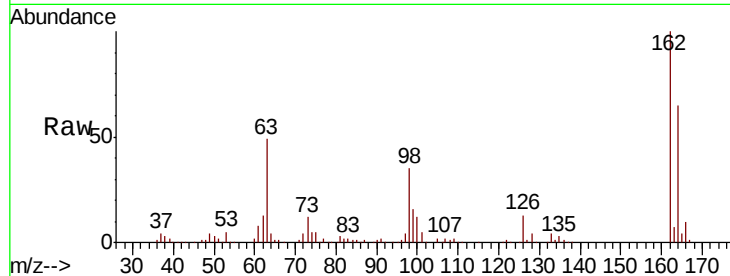
#29
2,4-Dichlorophenol
Concen: 39.678 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	363556		
164	65.0	45.2	85.2	
98	35.1	17.4	57.4	

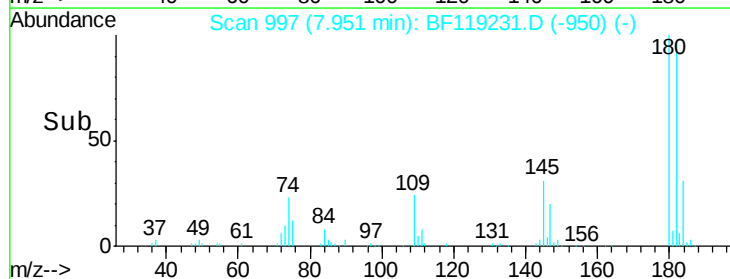
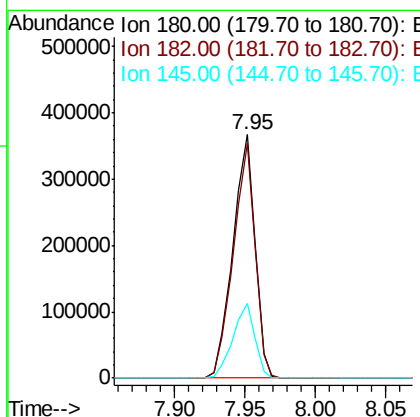
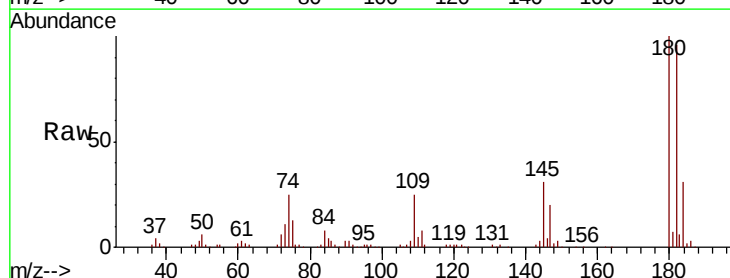
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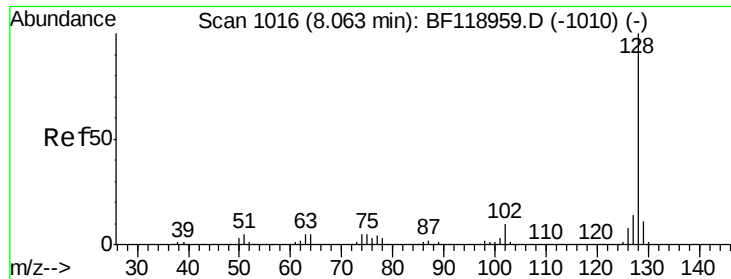
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.903 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	400902		
182	96.4	77.8	116.6	
145	30.8	25.2	37.8	





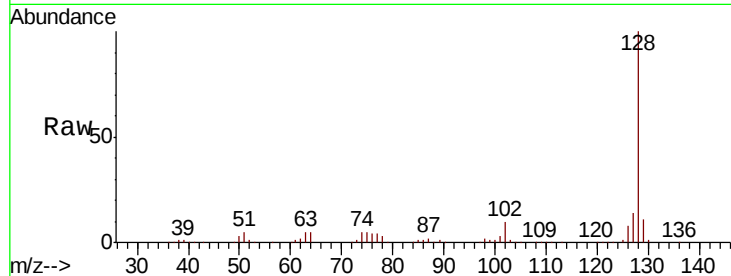
#31
Naphthalene
Concen: 39.472 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

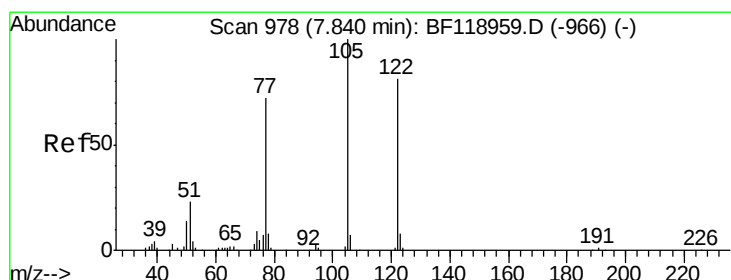
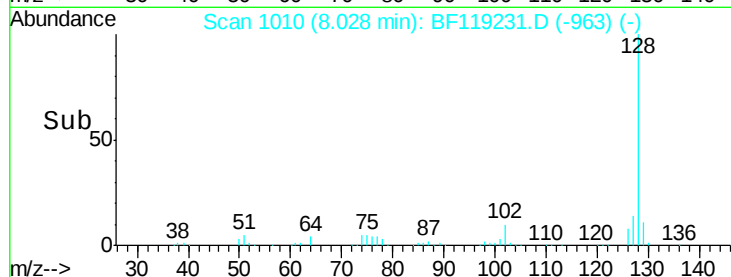
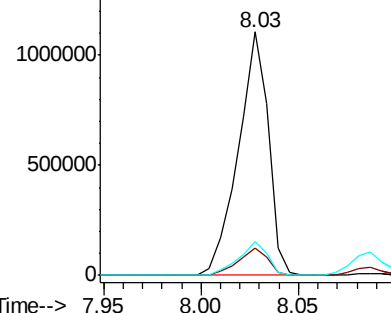
Tot Ion:128 Resp: 1183023
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.8 11.4 17.2

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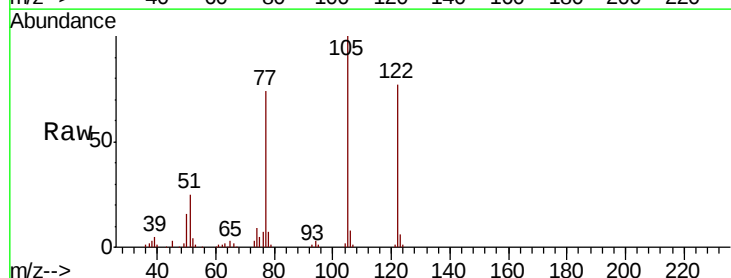


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

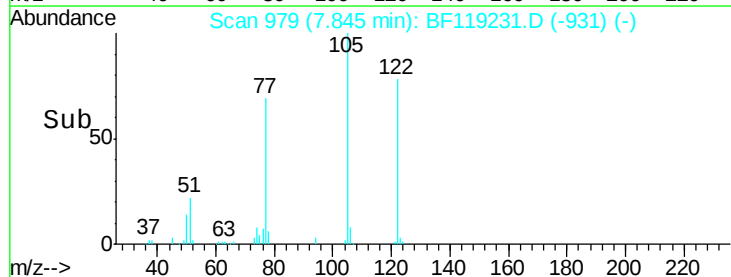
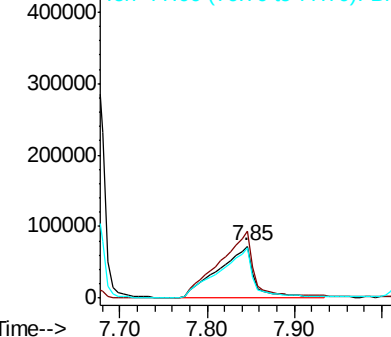


#32
Benzoic acid
Concen: 36.889 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:122 Resp: 199298
Ion Ratio Lower Upper
122 100
105 129.5 106.3 146.3
77 96.2 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





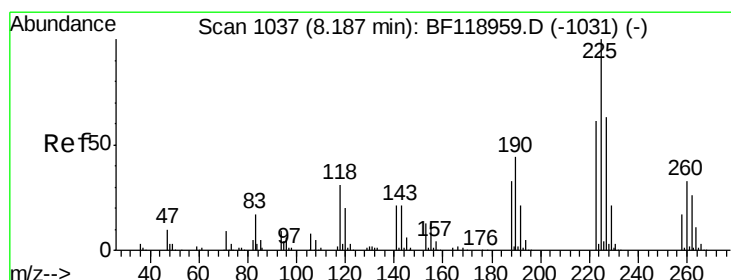
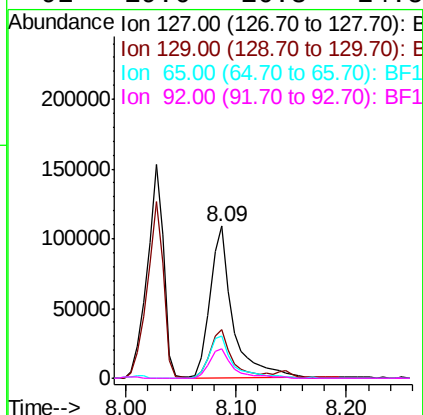
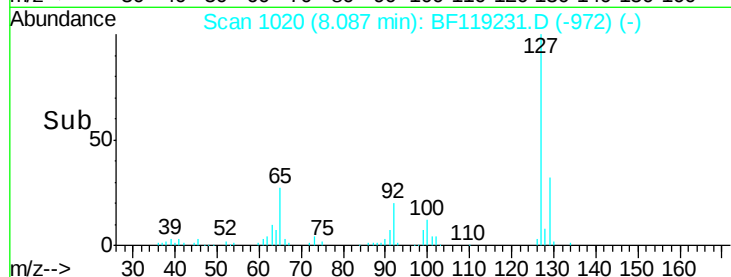
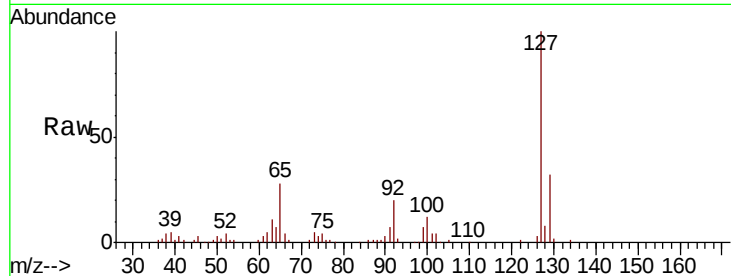
#33
4-Chloroaniline
Concen: 11.813 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	152275		
129	32.5	25.9	38.9	
65	27.8	23.9	35.9	
92	19.6	16.3	24.5	

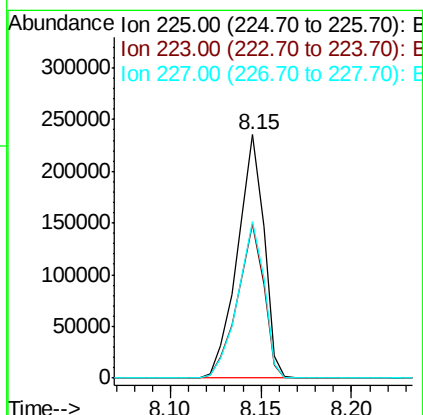
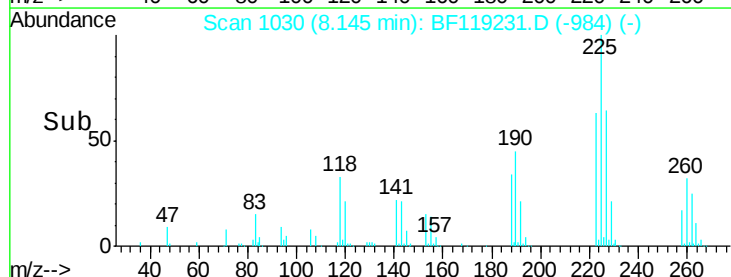
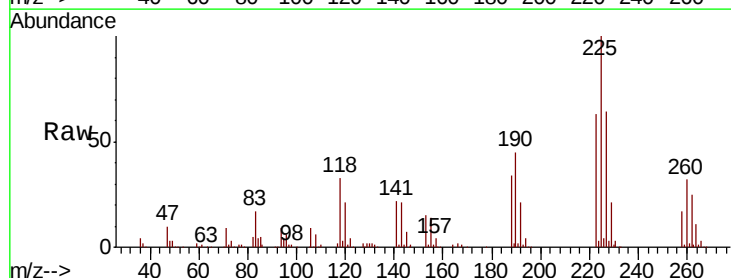
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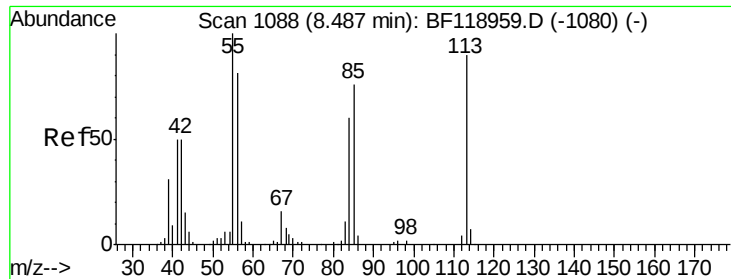
mohammad
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#34
Hexachlorobutadiene
Concen: 35.579 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	240763		
223	63.2	49.4	74.2	
227	64.5	52.9	79.3	





#35

Caprolactam

Concen: 37.166 ng/mL

RT: 8.47 min Scan# 1085

Delta R.T. -0.04 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampleID :

CR-3MSD

Tot Ion: 113 Resp: 104859

Ion Ratio Lower Upper

113 100

55 106.4 95.7 135.7

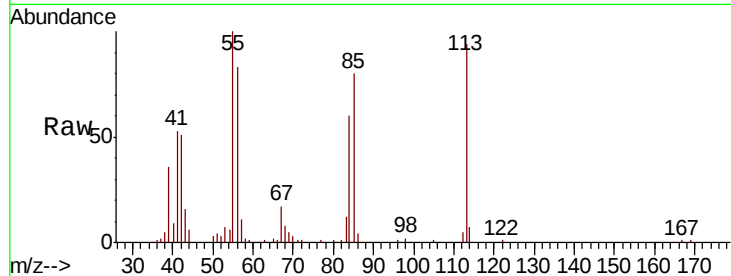
56 88.4 73.1 113.1

Manual Integrations

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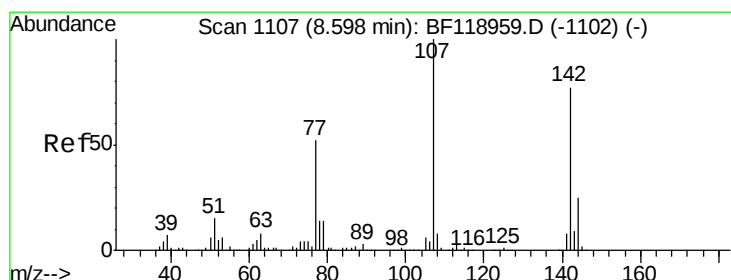
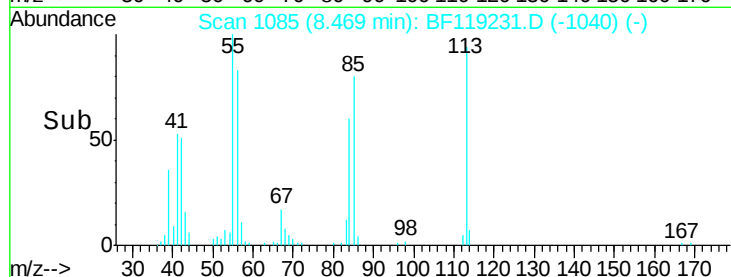
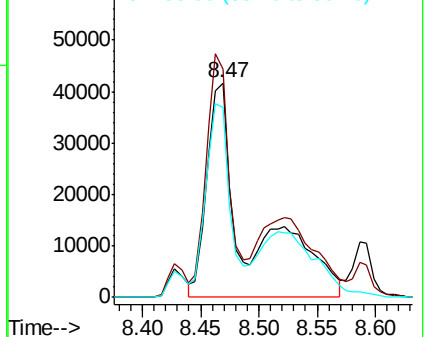
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.022 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

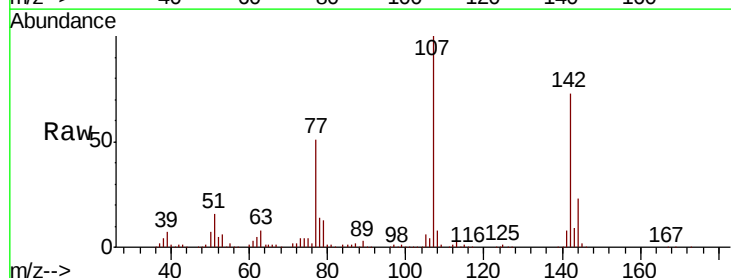
Tgt Ion: 107 Resp: 389675

Ion Ratio Lower Upper

107 100

144 23.4 20.1 30.1

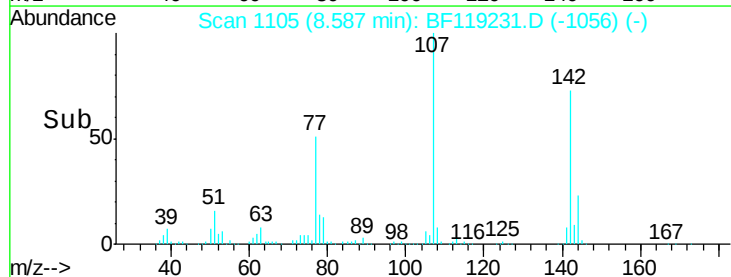
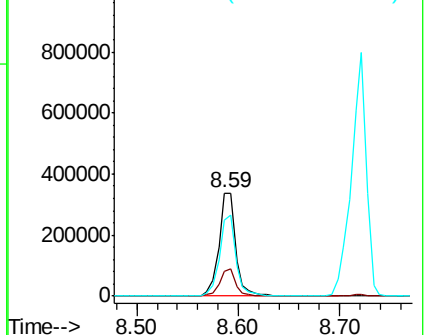
142 73.1 61.4 92.2

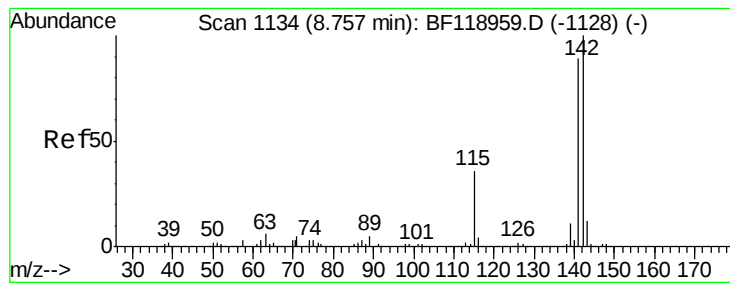


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





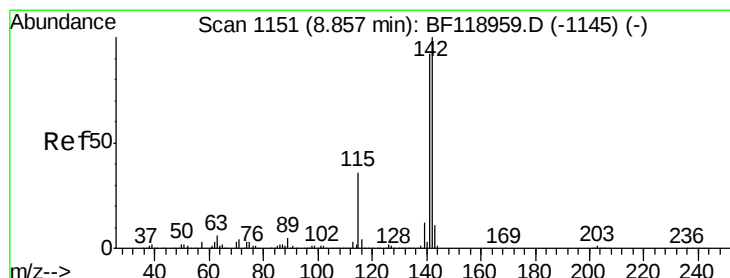
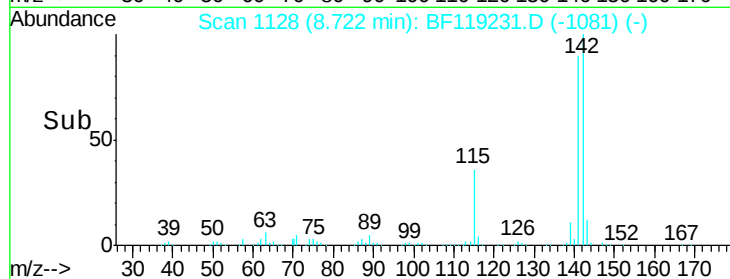
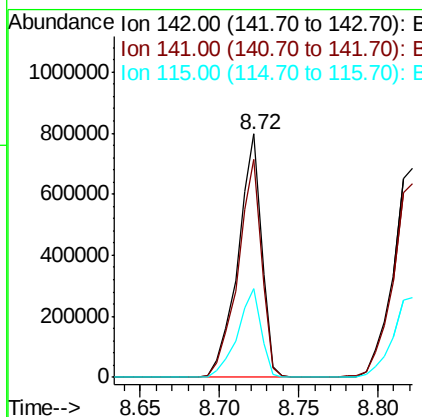
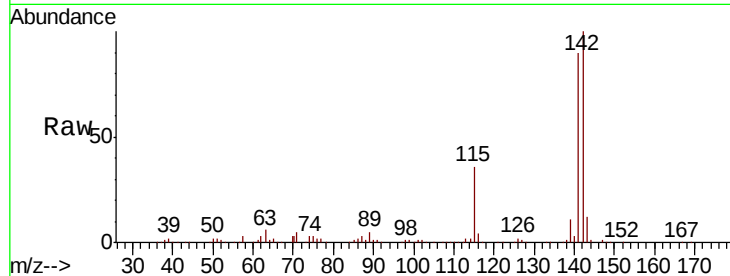
#37
2-Methylnaphthalene
Concen: 40.784 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.3	108.5
115	36.4	30.6	45.8

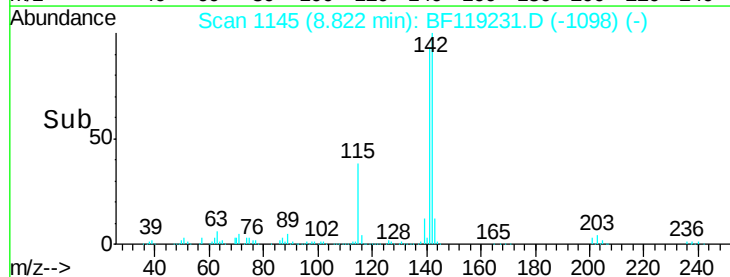
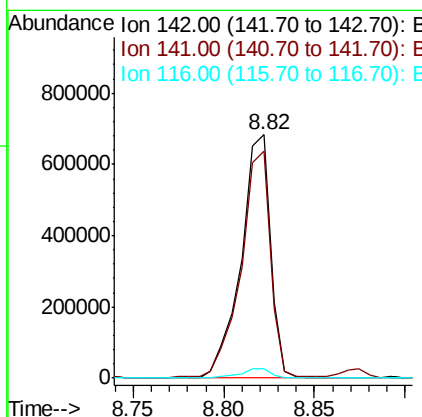
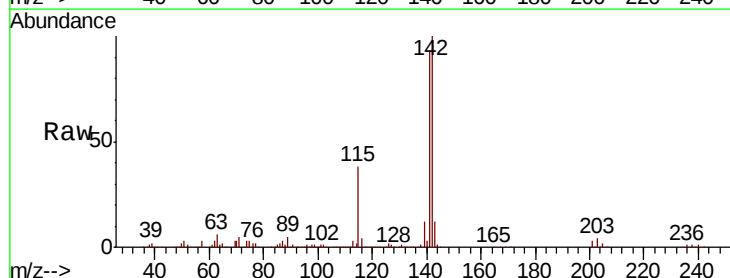
Manual Integrations
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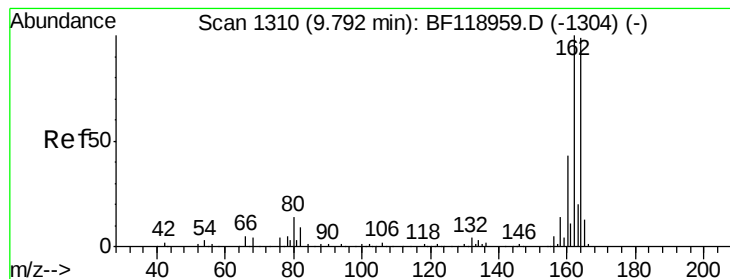
mohammad
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#38
1-Methylnaphthalene
Concen: 40.708 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.8	113.6
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

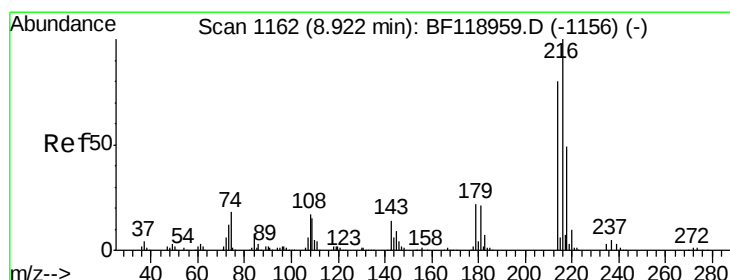
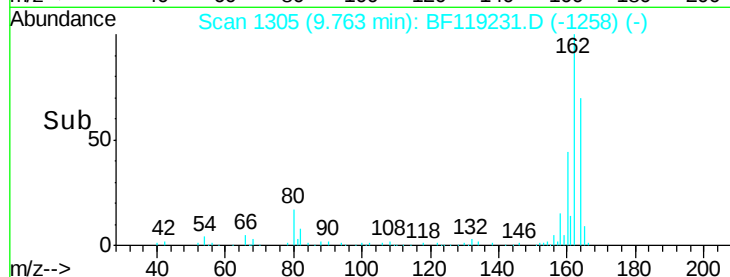
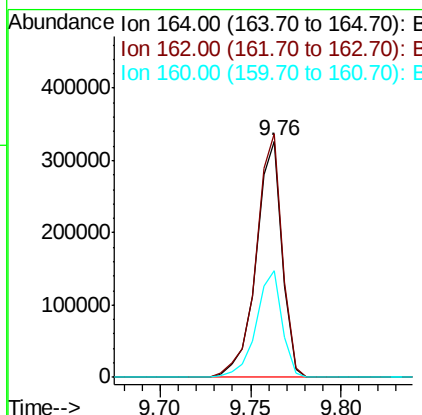
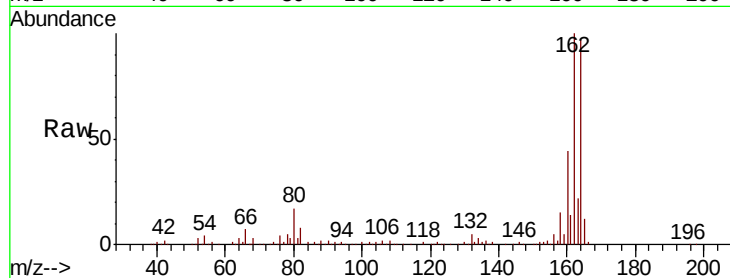
ClientSampleId :

CR-3MSD

Tot Ion:	164	Resp:	325256
Ion Ratio	Lower	Upper	
164	100		
162	103.1	81.8	122.8
160	45.1	36.0	54.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.227 ng

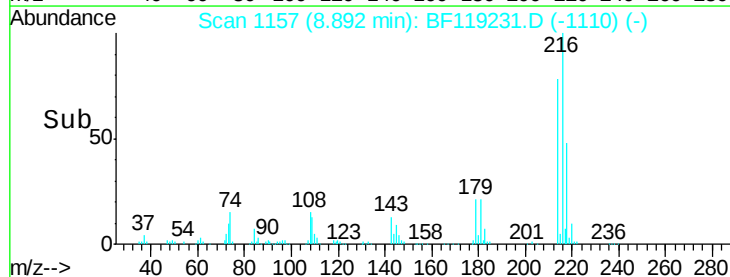
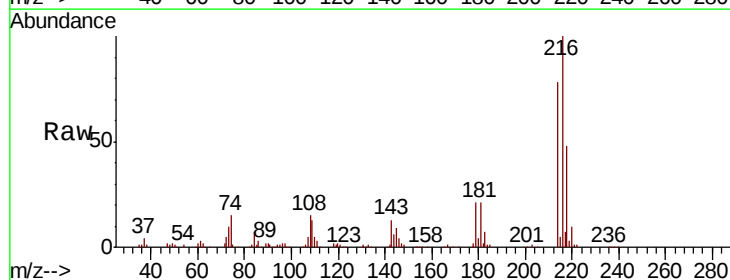
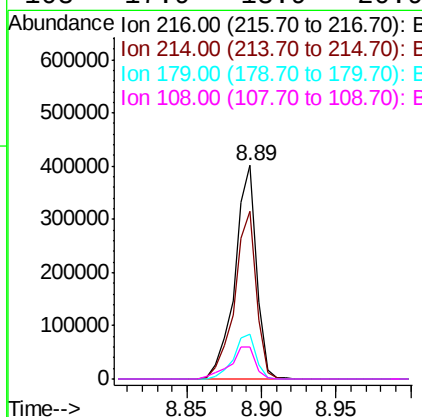
RT: 8.89 min Scan# 1157

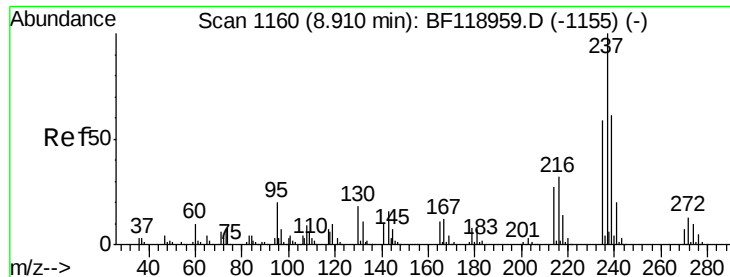
Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Tgt Ion:	216	Resp:	408241
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.3	94.9
179	21.8	17.7	26.5
108	17.9	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 54.316 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

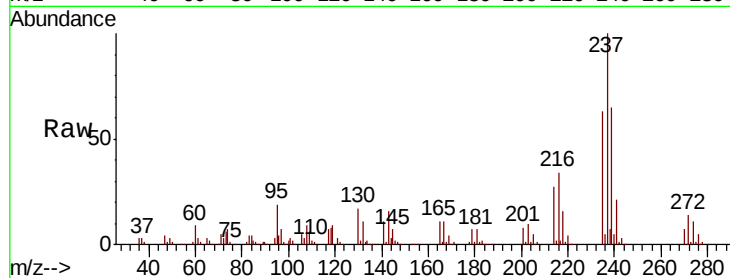
ClientSampleId :

CR-3MSD

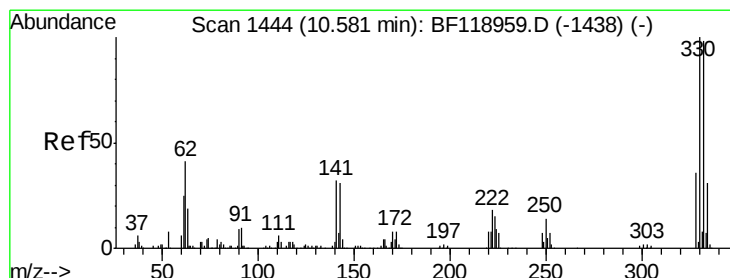
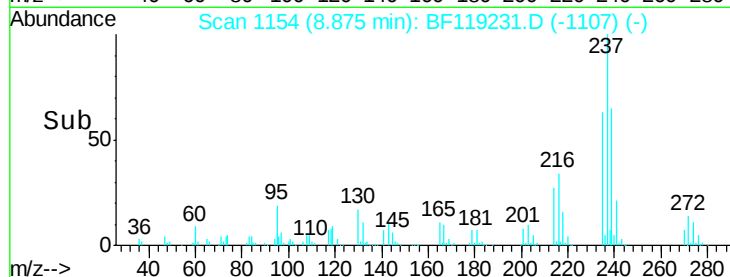
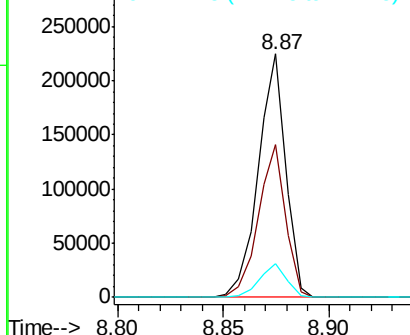
Tot Ion:	237	Resp:	203174
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.3	82.3
272	13.8	0.0	33.5

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



#42

2,4,6-Tribromophenol

Concen: 90.816 ng

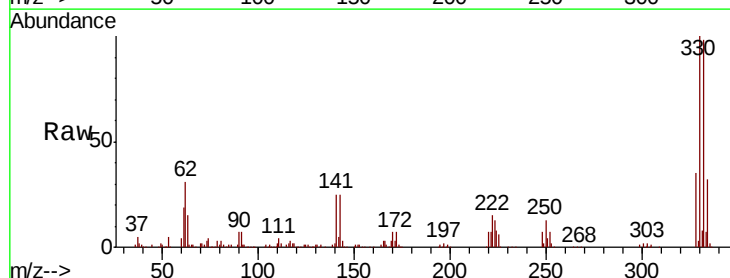
RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

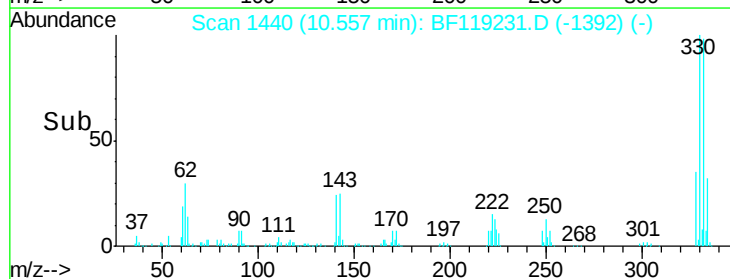
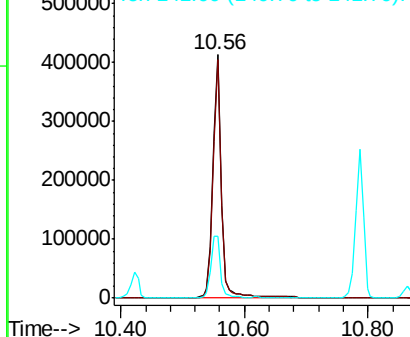
Lab File: BF119231.D

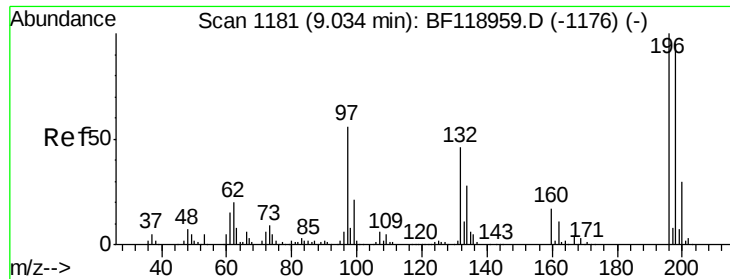
Acq: 6 Mar 2020 00:29

Tgt Ion:	330	Resp:	386411
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.0	114.0
141	28.7	22.9	34.3



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





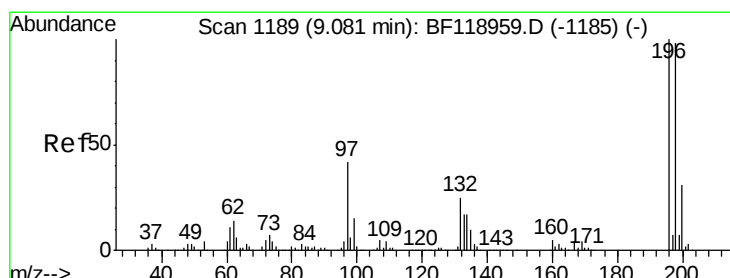
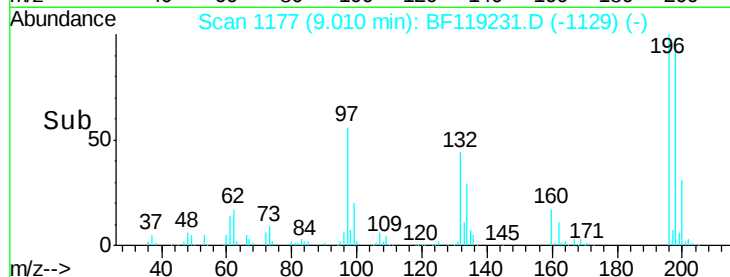
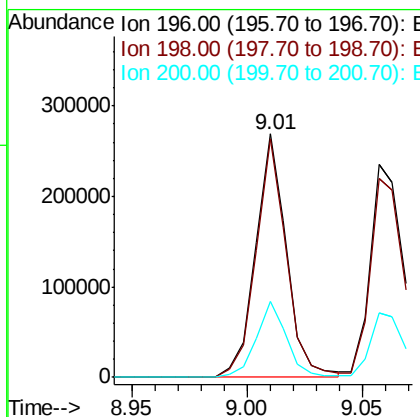
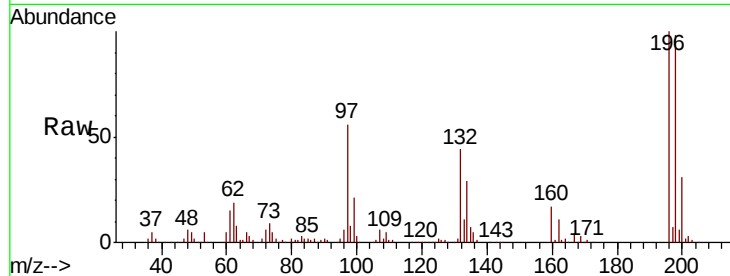
#43
2,4,6-Trichlorophenol
Concen: 36.300 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	251385		
198	98.1	77.1	115.7	
200	31.4	25.0	37.6	

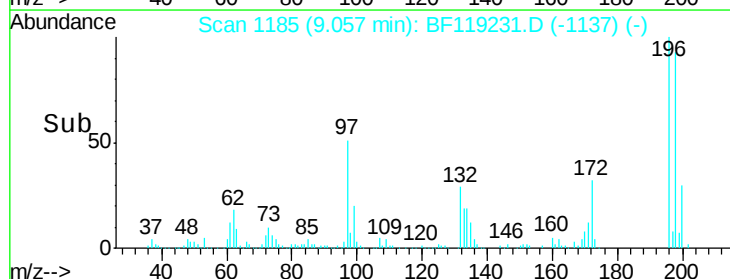
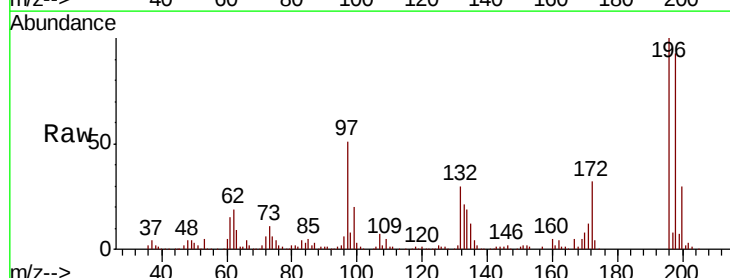
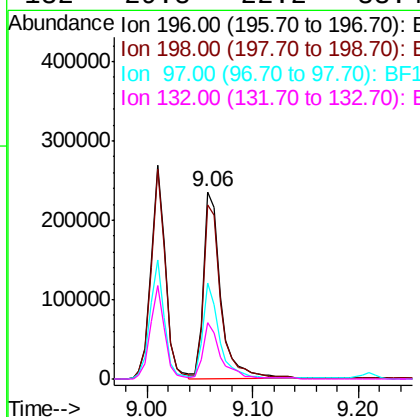
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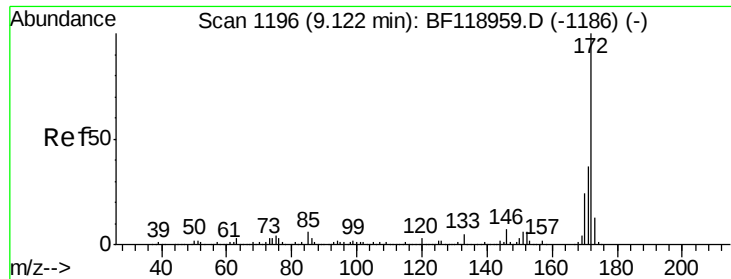
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 36.911 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268227		
198	93.3	76.8	115.2	
97	51.3	38.5	57.7	
132	29.8	22.2	33.4	





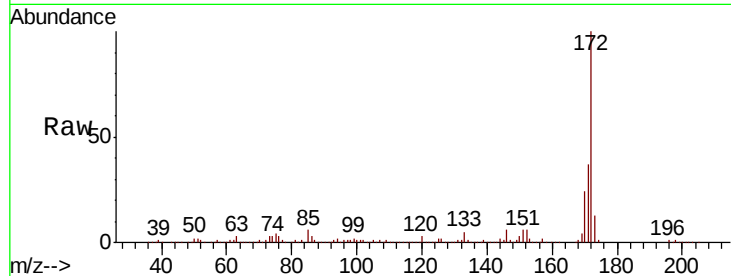
#45
2-Fluorobiphenyl
Concen: 62.261 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	24.1	20.2	30.2

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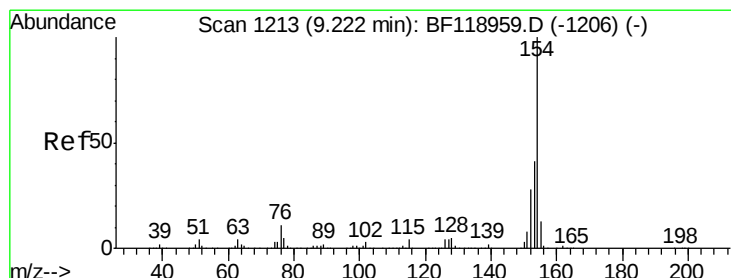
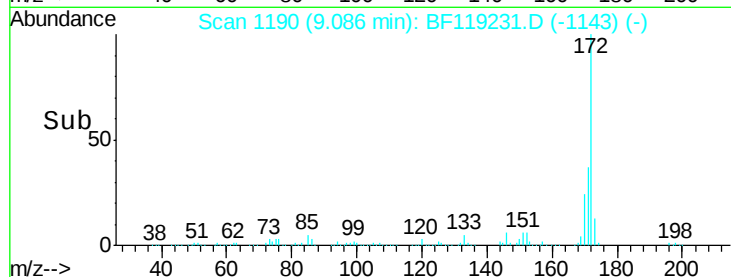
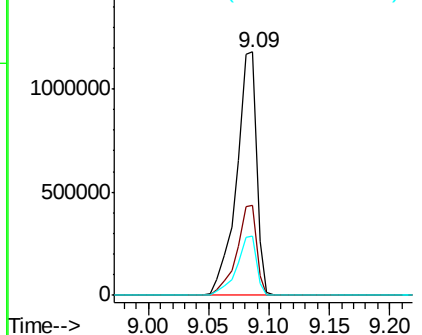


Abundance

Ion 172.00 (171.70 to 172.70): E

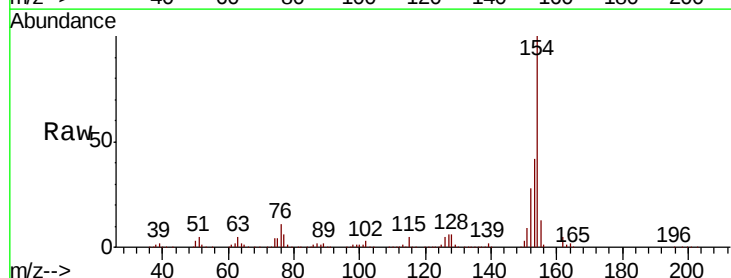
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.783 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.8	62.8
76	11.3	0.0	32.2

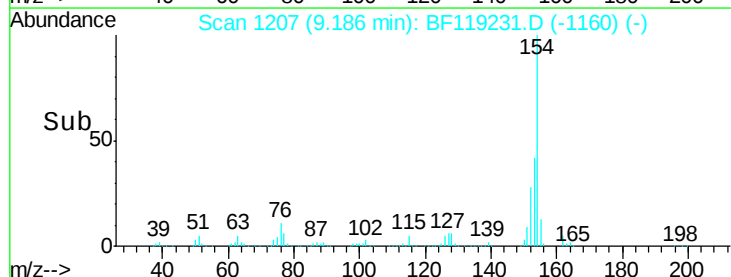
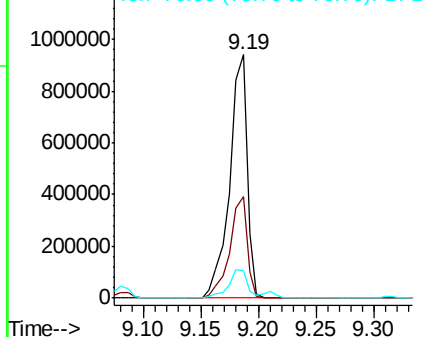


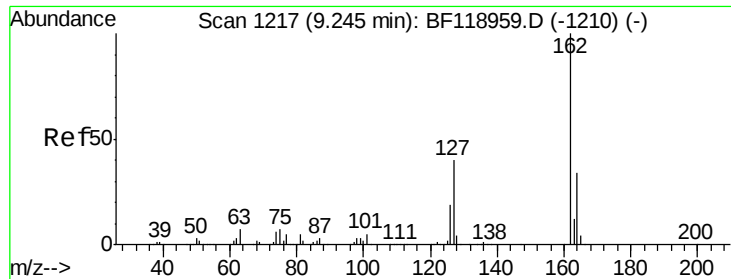
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





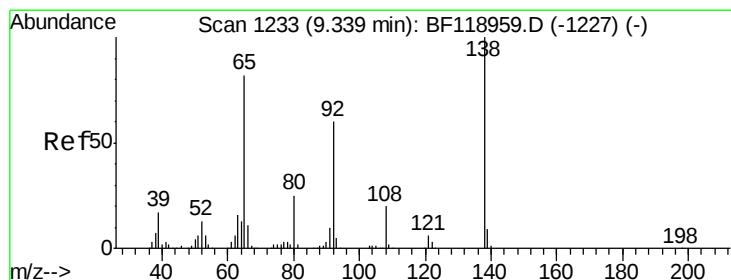
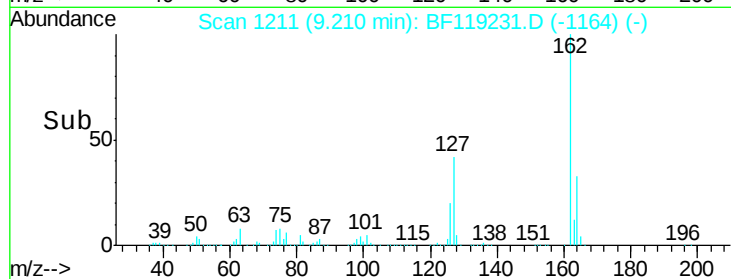
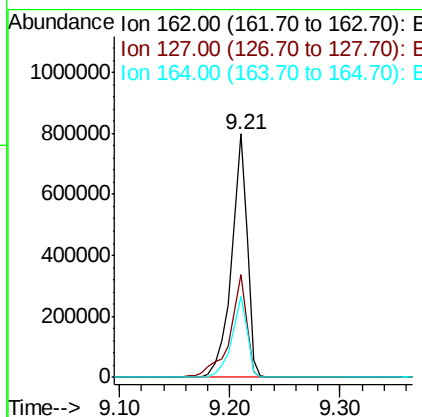
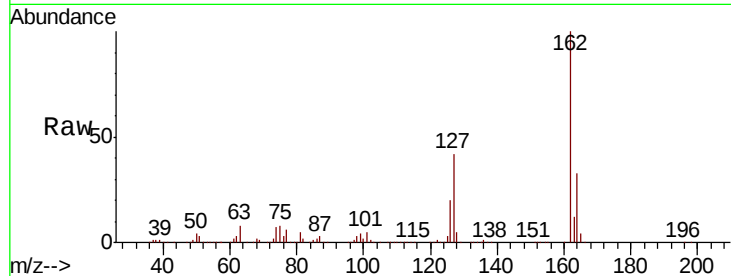
#47
 2-Chloronaphthalene
 Concen: 37.724 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	35.0	52.4
164	33.1	27.2	40.8

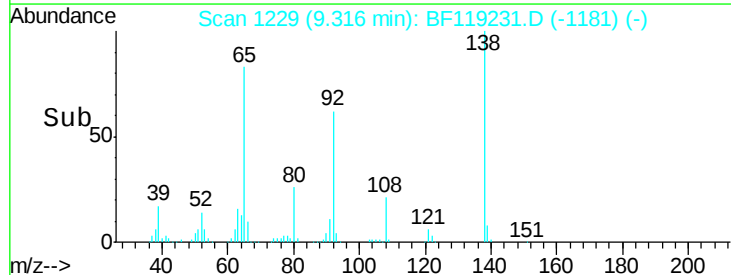
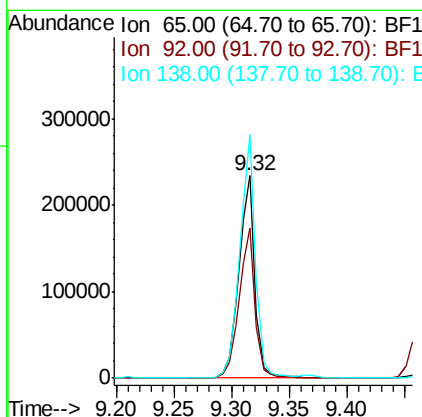
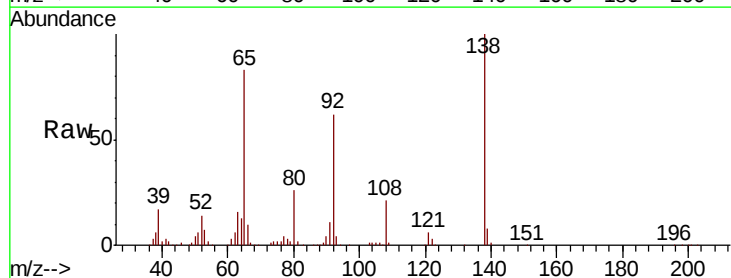
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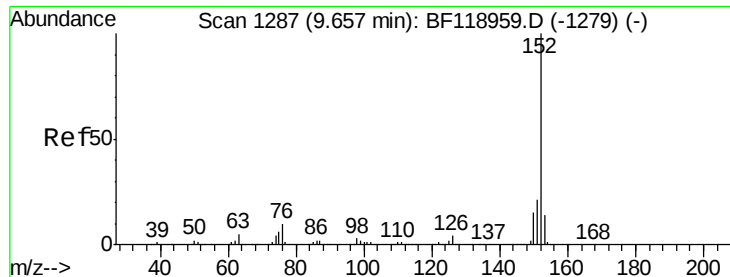
mohammad
 3/9/2020 8:27:33 AM



#48
 2-Nitroaniline
 Concen: 38.235 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	58.2	87.2
138	120.3	95.6	143.4





#49

Acenaphthylene

Concen: 39.990 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampleId :

CR-3MSD

Tot Ion:152 Resp: 1223526

Ion Ratio Lower Upper

152 100

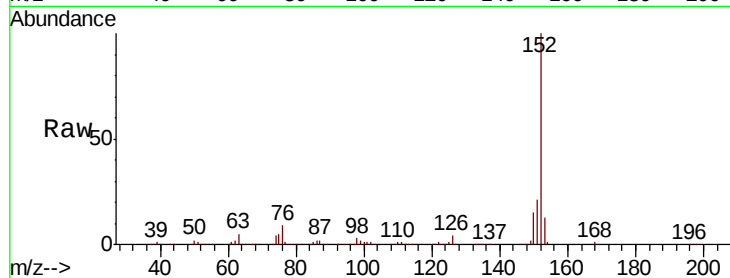
151 21.0 16.9 25.3

153 13.1 11.0 16.6

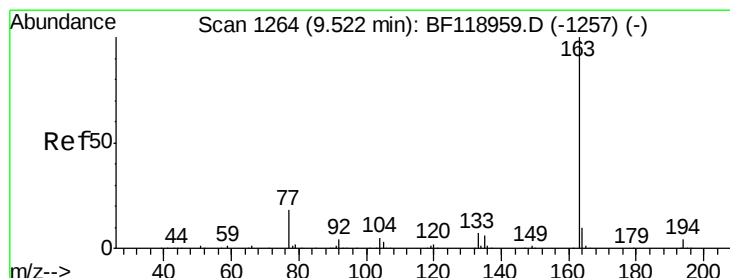
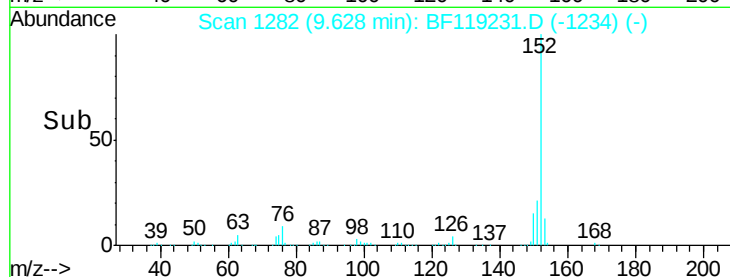
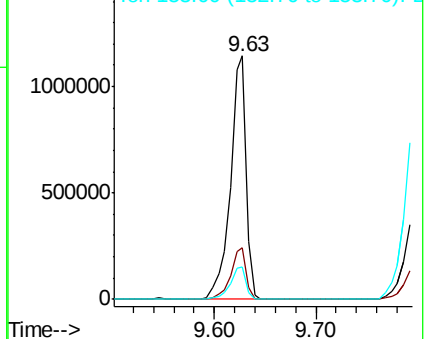
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.283 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

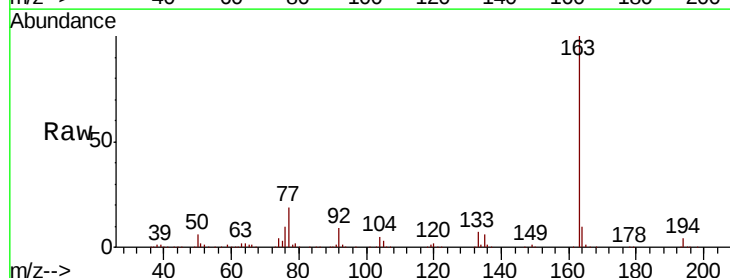
Tgt Ion:163 Resp: 1101400

Ion Ratio Lower Upper

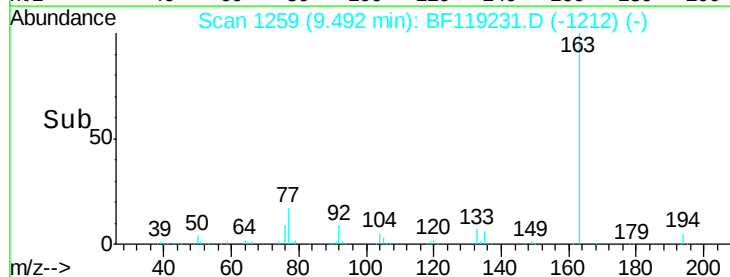
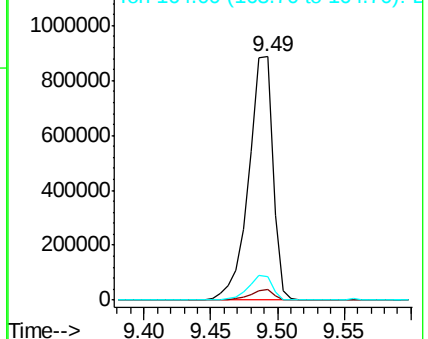
163 100

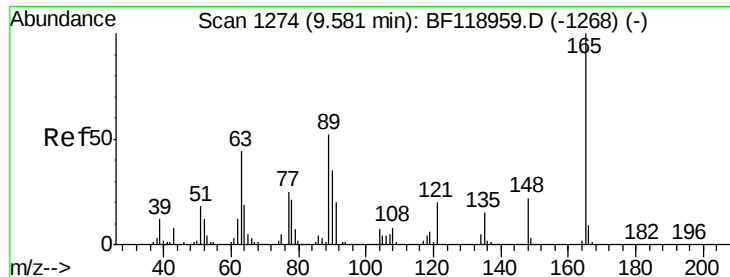
194 4.3 3.5 5.3

164 9.9 8.4 12.6



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





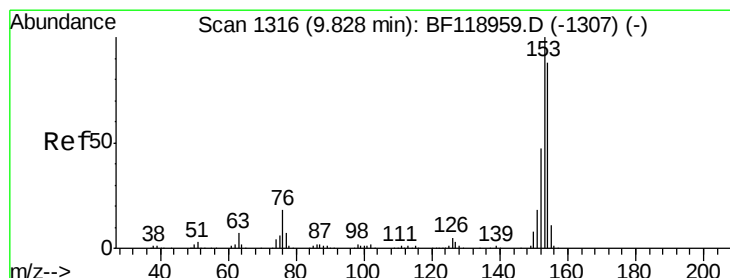
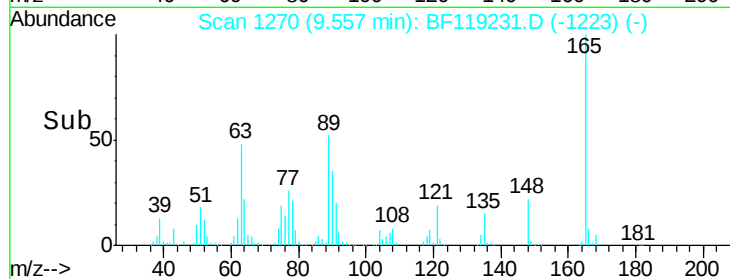
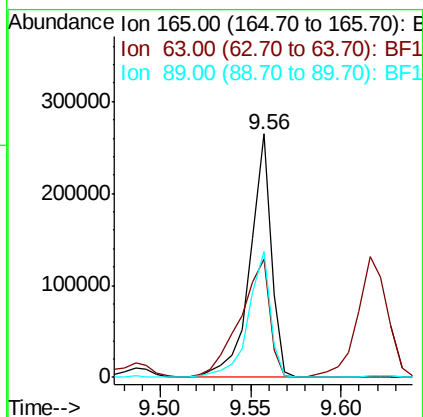
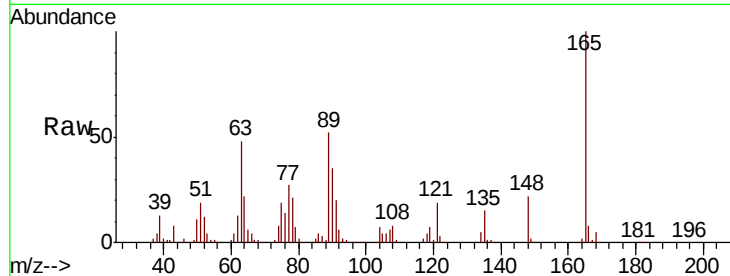
#51
 2,6-Dinitrotoluene
 Concen: 39.002 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MSD

Tot Ion:	165	Resp:	215516
Ion Ratio		Lower	Upper
165	100		
63	48.4	34.3	51.5
89	51.8	38.3	57.5

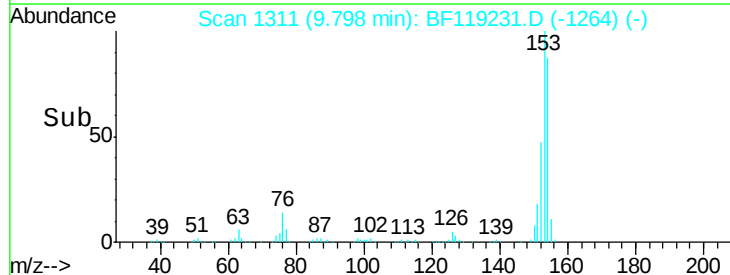
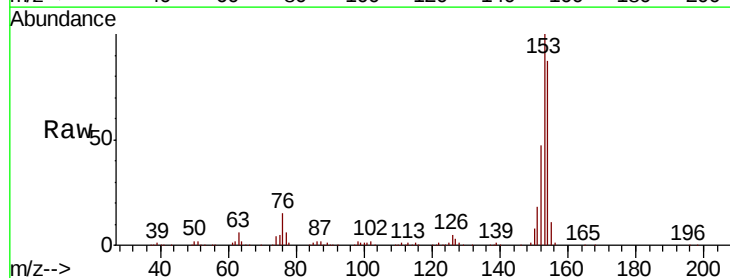
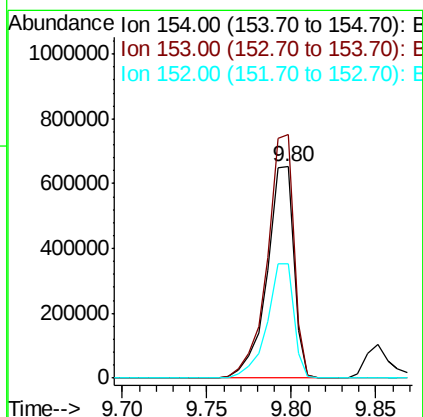
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#52
 Acenaphthene
 Concen: 38.945 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion:	154	Resp:	718473
Ion Ratio		Lower	Upper
154	100		
153	115.1	90.3	135.5
152	53.9	43.8	65.8





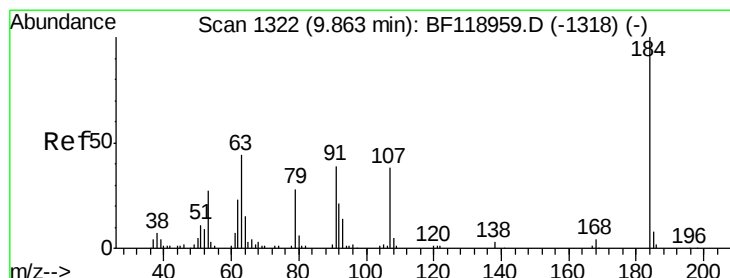
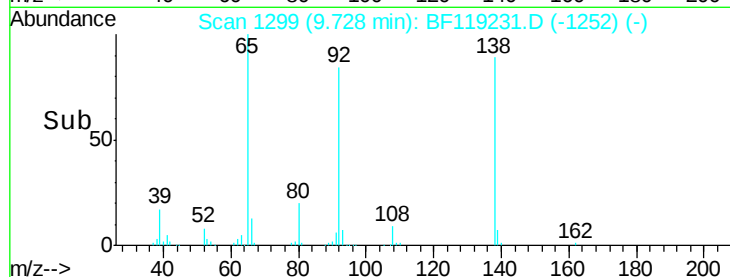
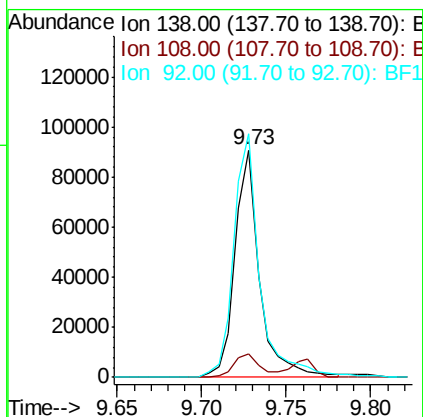
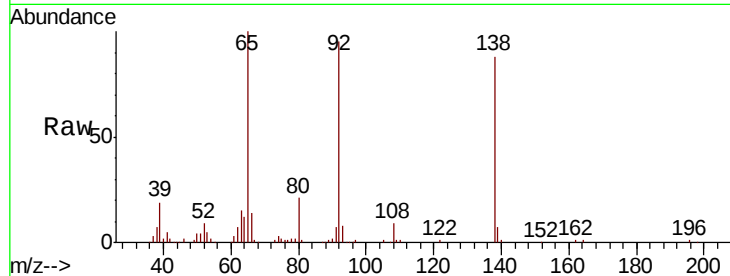
#53
3-Nitroaniline
Concen: 15.026 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.8	13.2
92	107.3	84.8	127.2

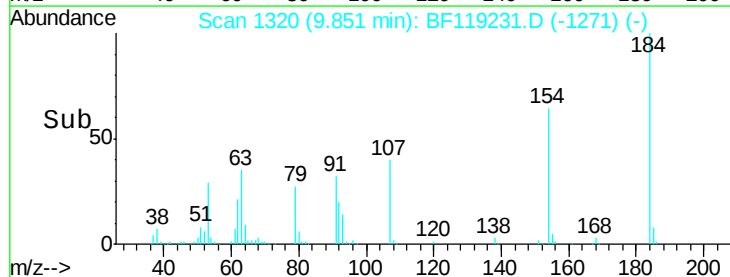
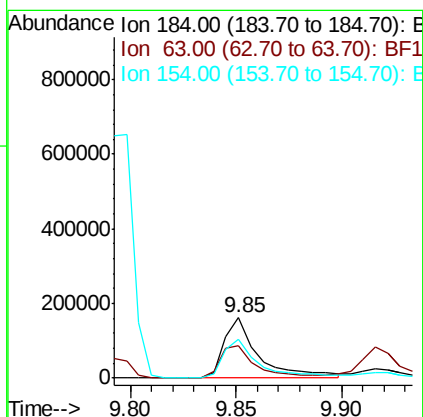
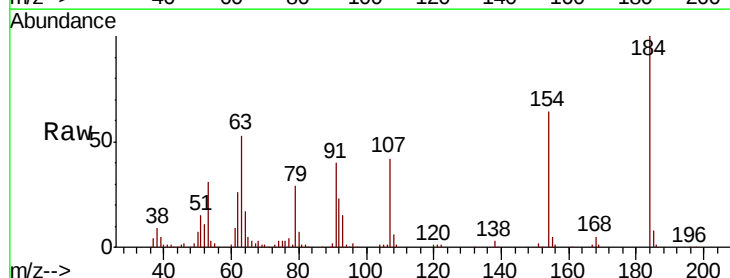
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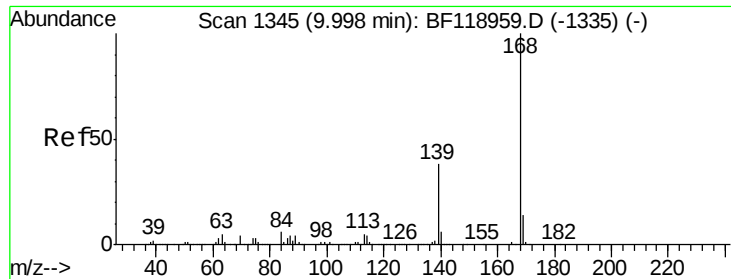
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#54
2,4-Dinitrophenol
Concen: 69.788 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.2	38.7	58.1
154	63.6	49.7	74.5





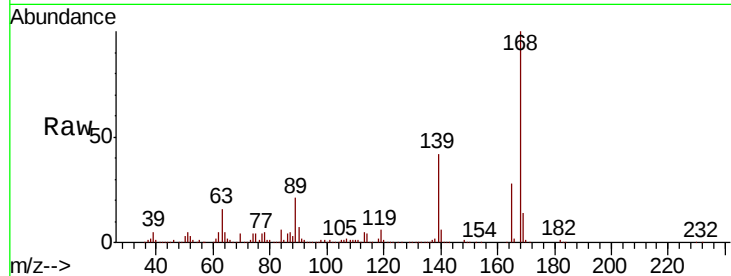
#55
Dibenzofuran
Concen: 38.509 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampled :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.3	34.0	51.0
169	13.8	11.0	16.4

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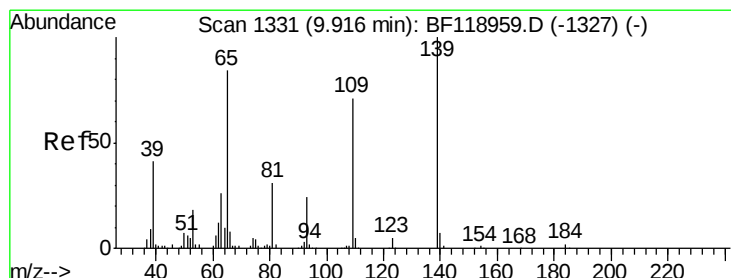
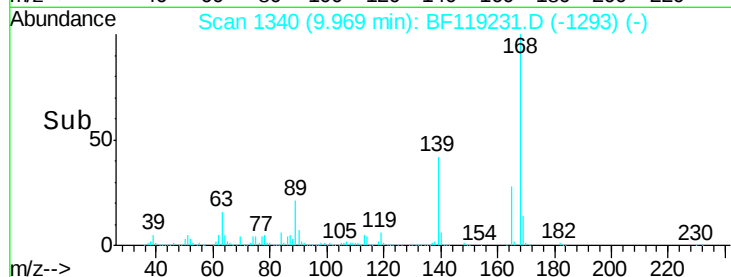
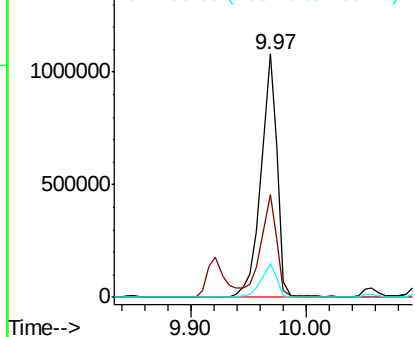


Abundance

Ion 168.00 (167.70 to 168.70): E

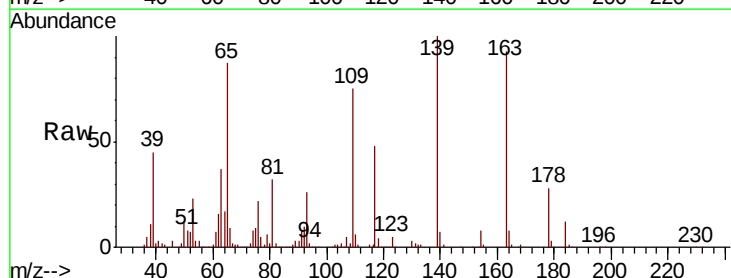
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 51.088 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.3	56.7	96.7
65	86.9	65.0	105.0

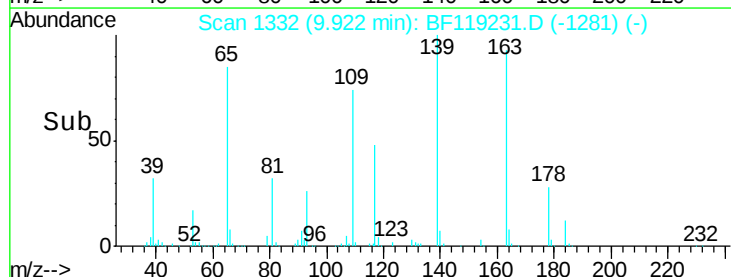
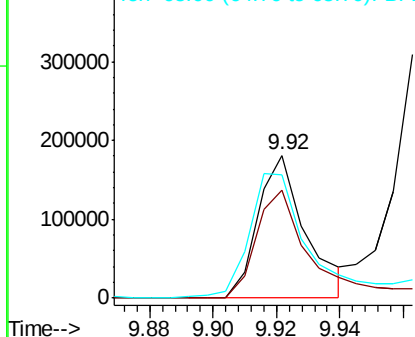


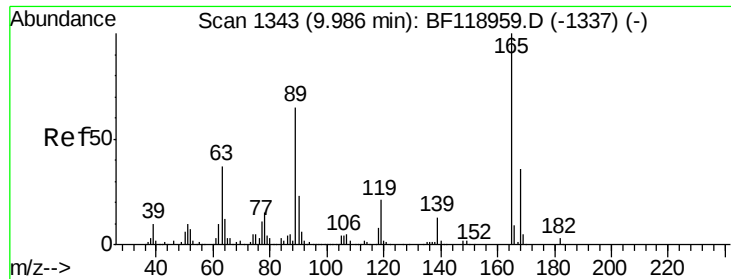
Abundance

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





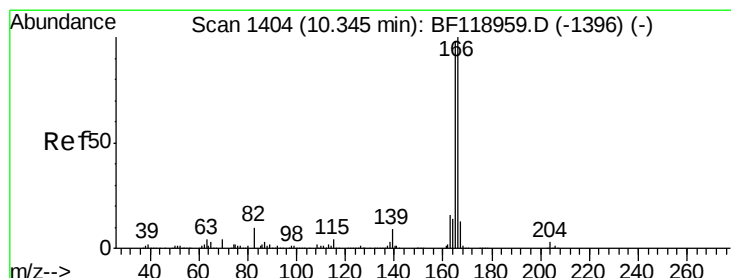
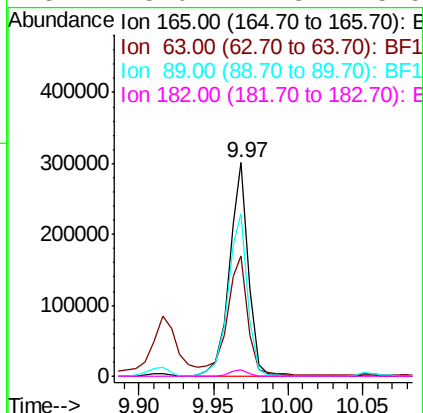
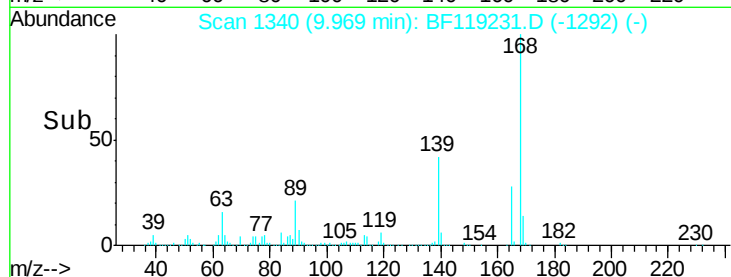
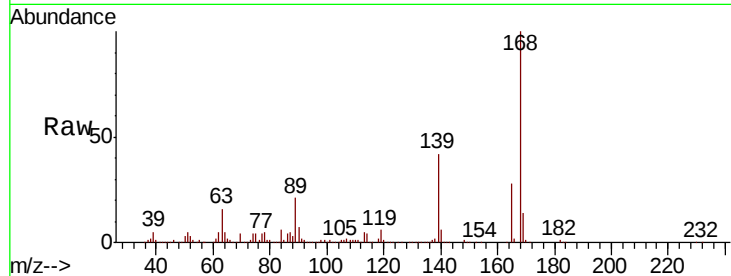
#57
2,4-Dinitrotoluene
Concen: 37.791 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		270676		
63	56.3	42.3	63.5		
89	76.2	60.2	90.4		
182	3.0	2.3	3.5		

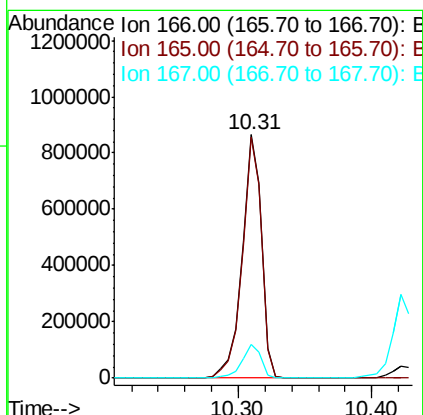
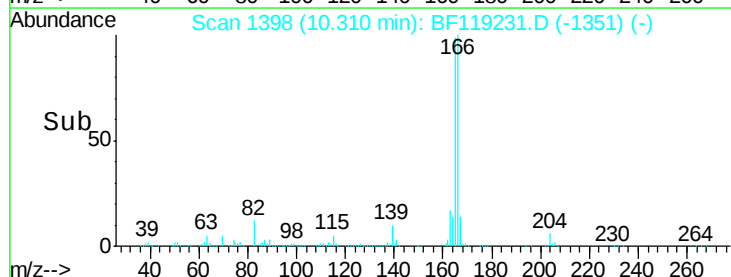
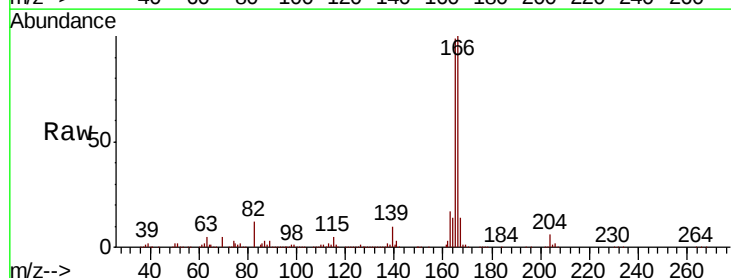
Manual Integrations
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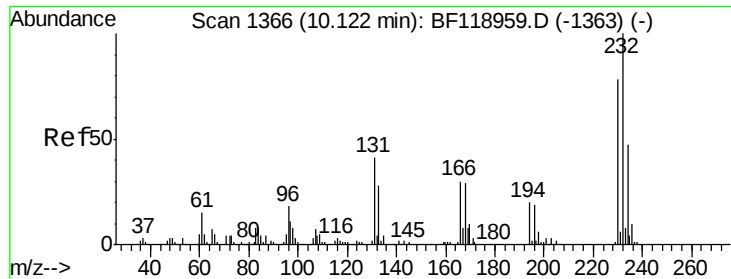
mohammad
3/9/2020 8:27:33 AM



#58
Fluorene
Concen: 40.201 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		860194		
165	99.1	78.5	117.7		
167	13.7	11.0	16.4		





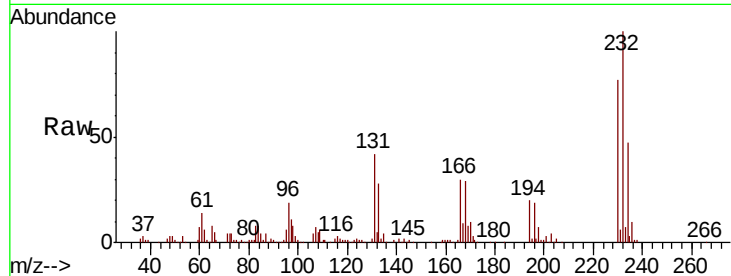
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.091 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	239699		
131	37.5		33.8	50.8
130	2.2		1.8	2.6
166	26.3		23.0	34.4

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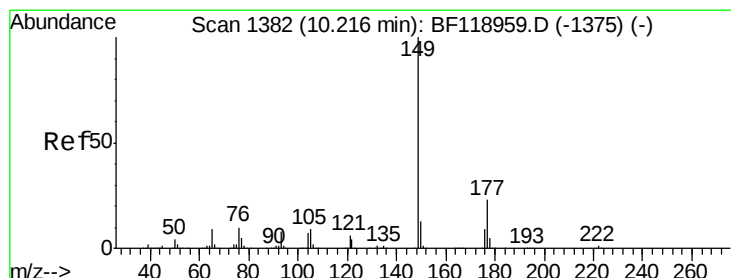
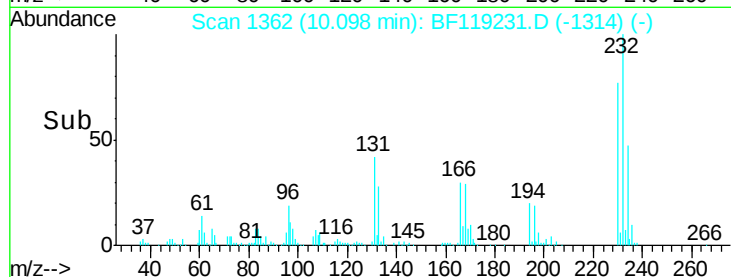
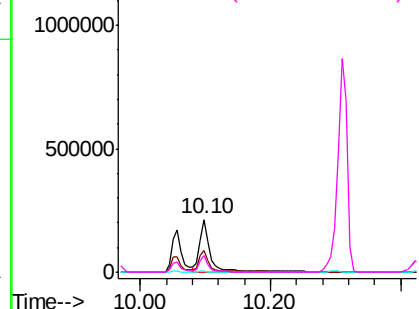
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

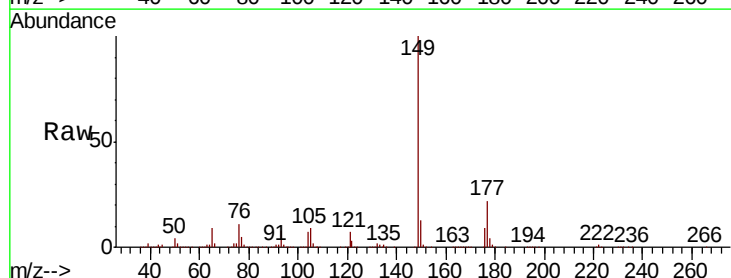
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.458 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	924845		
177	22.0		18.2	27.2
150	13.0		10.5	15.7

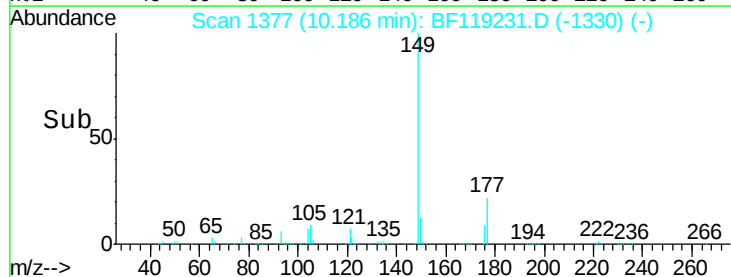
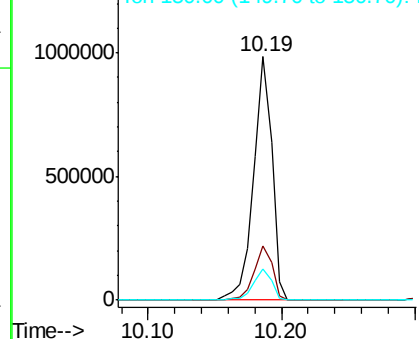


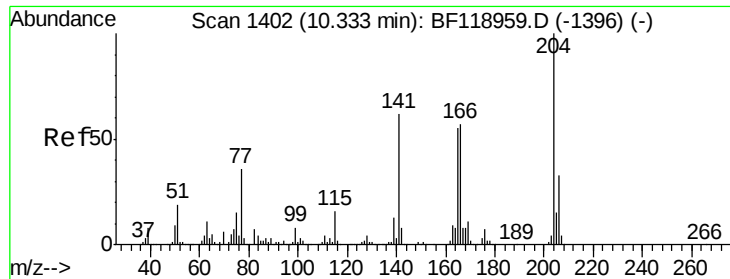
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





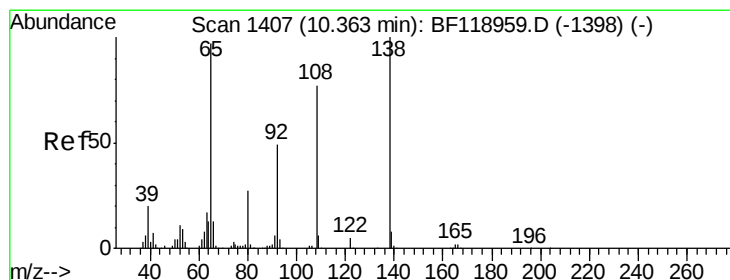
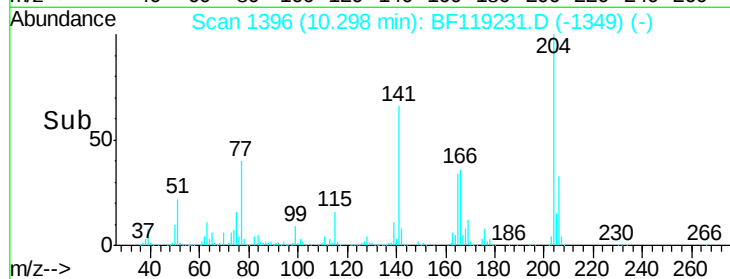
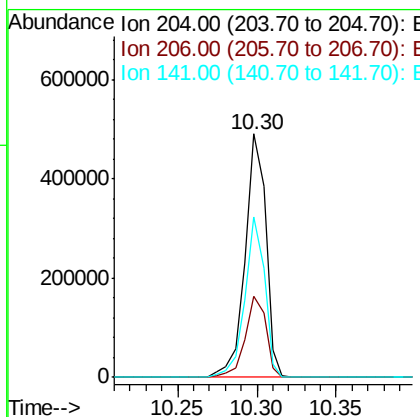
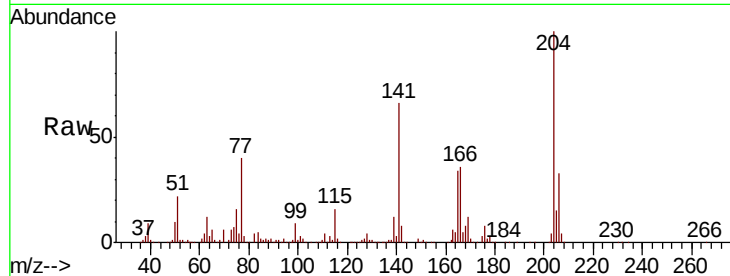
#61
4-Chlorophenyl-phenylether
Concen: 39.269 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	444761		
206	33.2		27.1	40.7
141	66.0		52.9	79.3

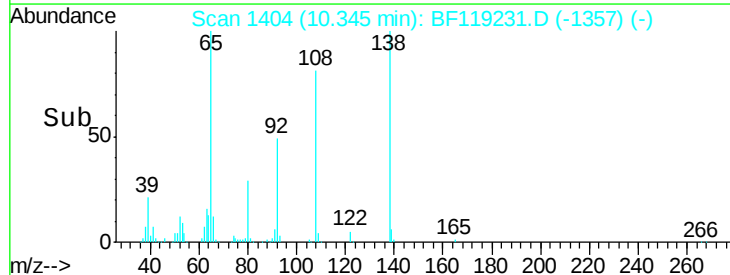
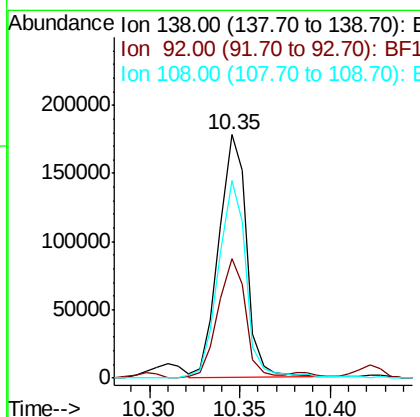
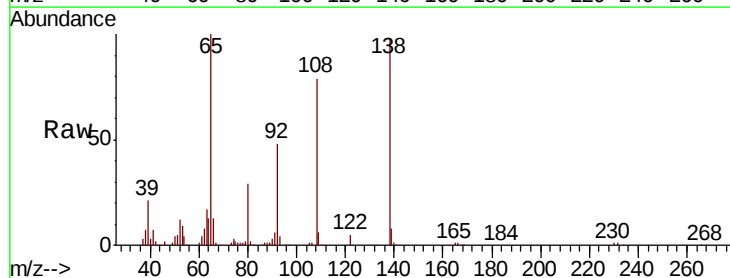
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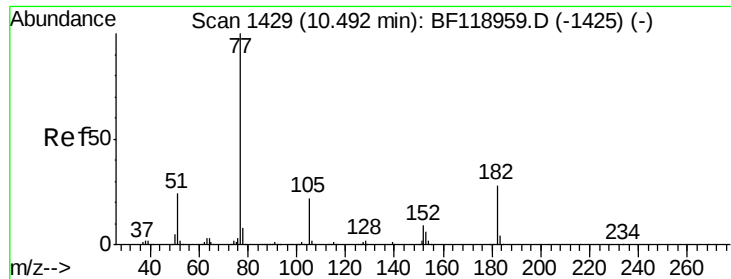
mohammad
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#62
4-Nitroaniline
Concen: 30.251 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	189599		
92	48.9		27.3	67.3
108	81.3		57.0	97.0





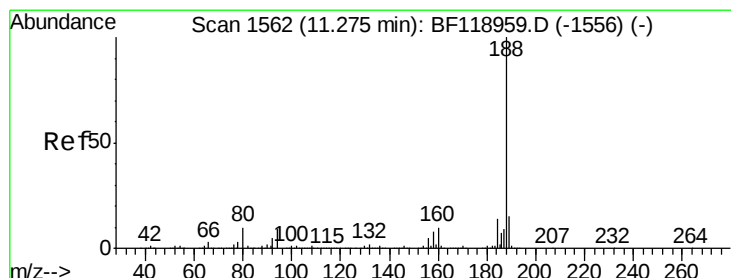
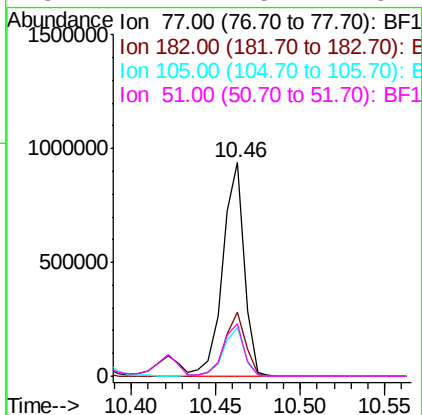
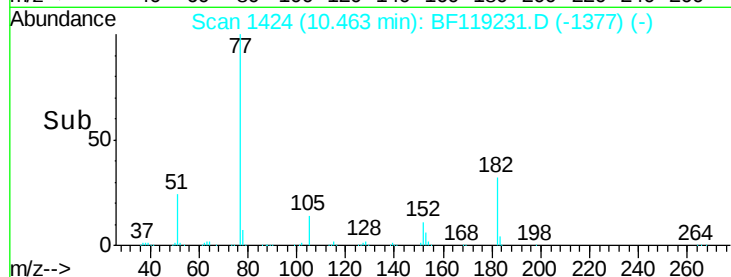
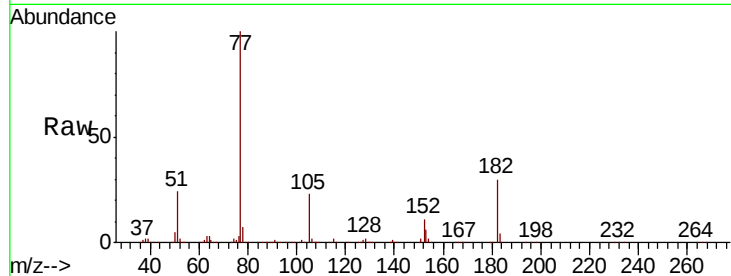
#63
Azobenzene
Concen: 40.470 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleID :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.1	11.4	51.4
105	22.9	3.4	43.4
51	24.4	5.1	45.1

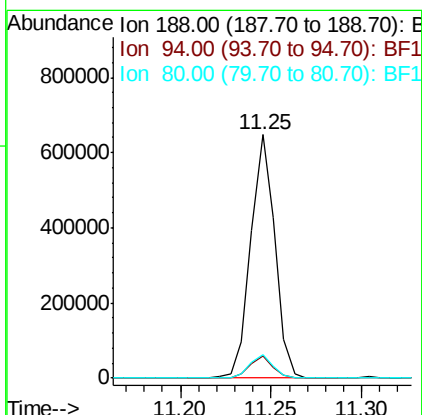
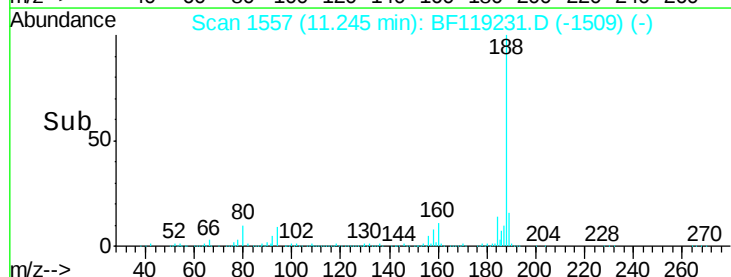
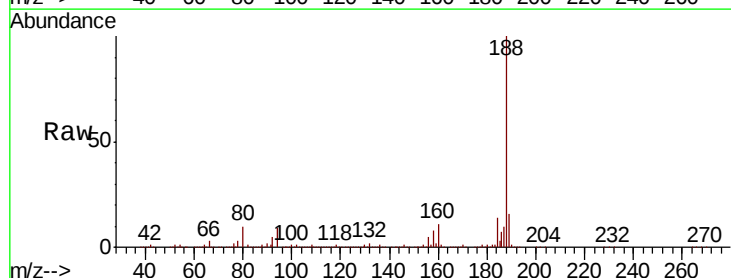
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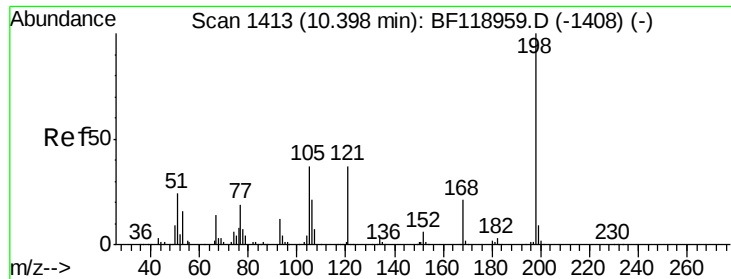
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.7	7.8	11.8





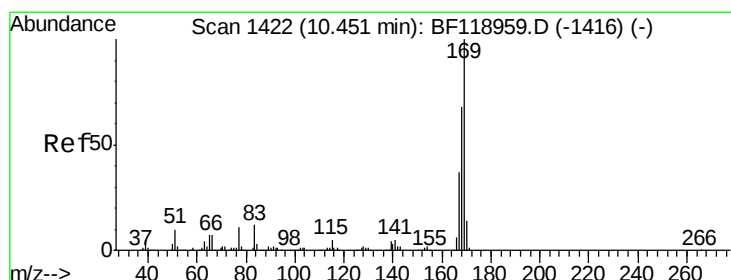
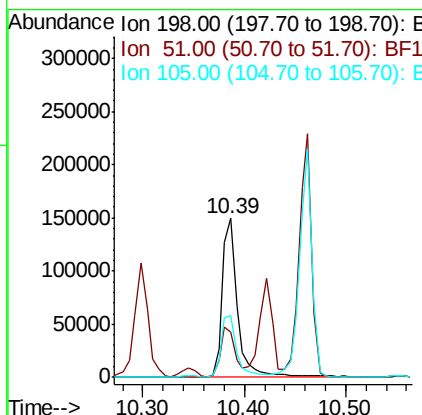
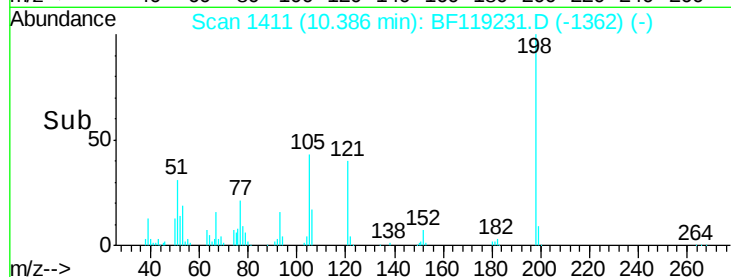
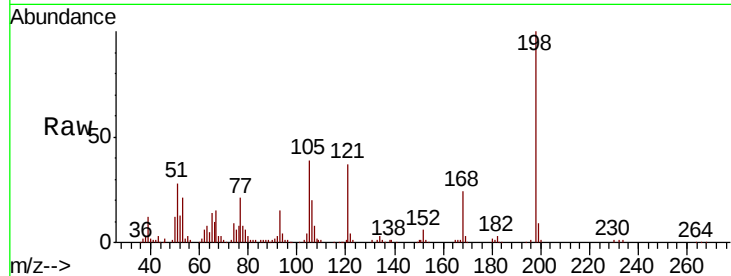
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.111 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	156489		
51	28.4		14.2	54.2
105	39.1		22.7	62.7

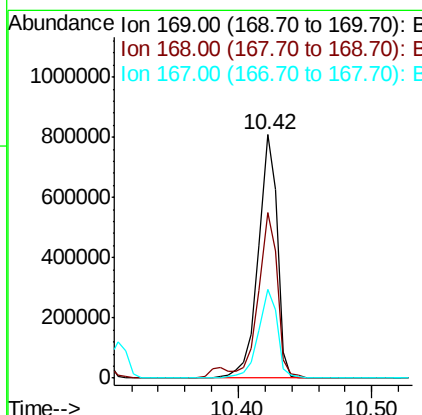
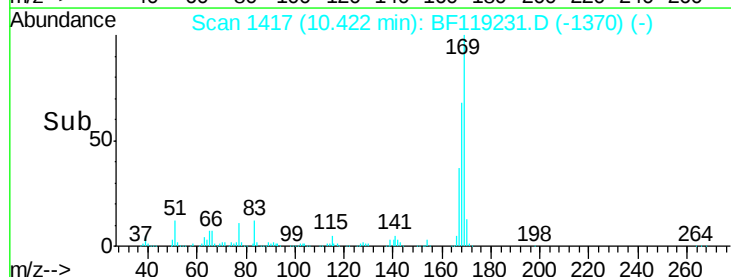
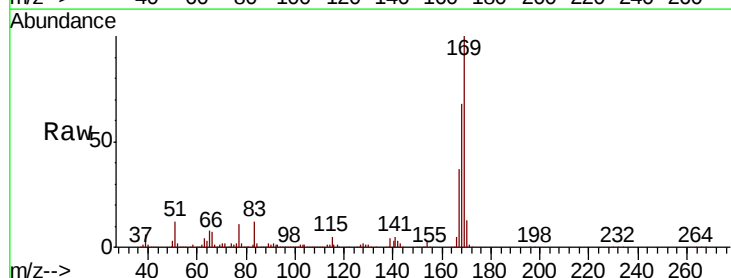
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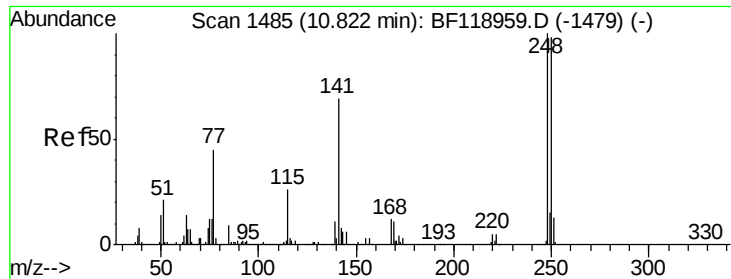
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#66
 n-Nitrosodiphenylamine
 Concen: 39.812 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	781988		
168	68.1		54.1	81.1
167	36.7		29.4	44.0





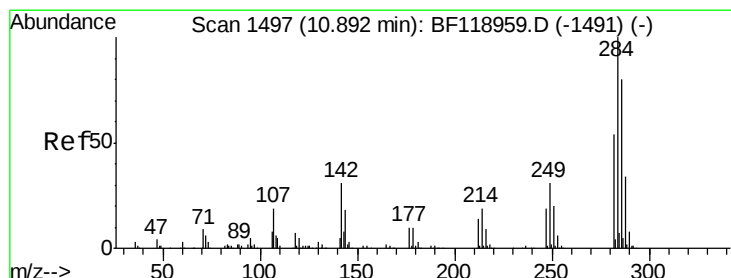
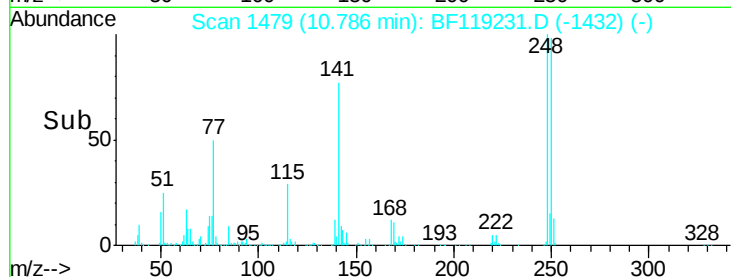
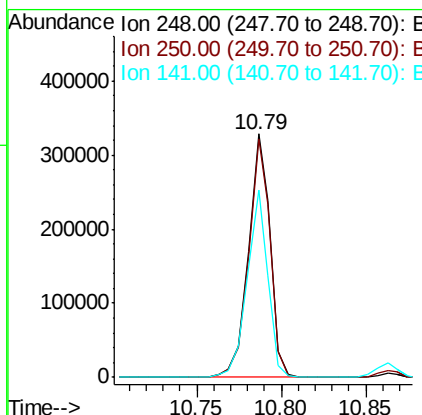
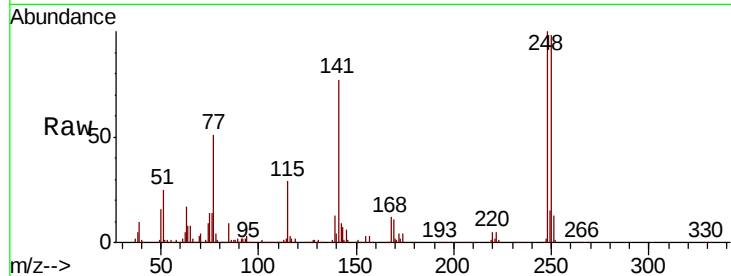
#67
4-Bromophenyl-phenylether
Concen: 37.699 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.7	115.1
141	77.2	60.7	91.1

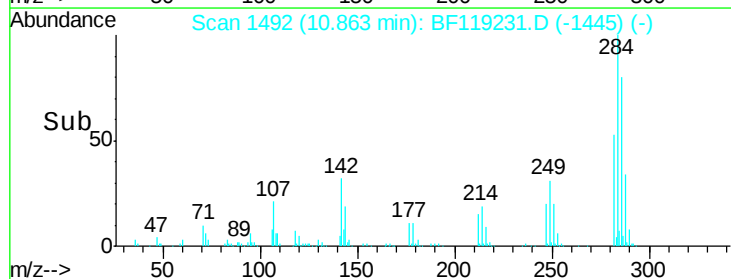
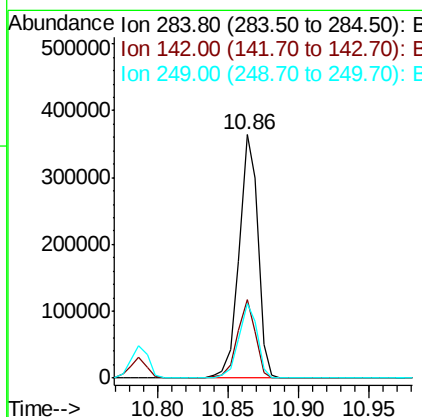
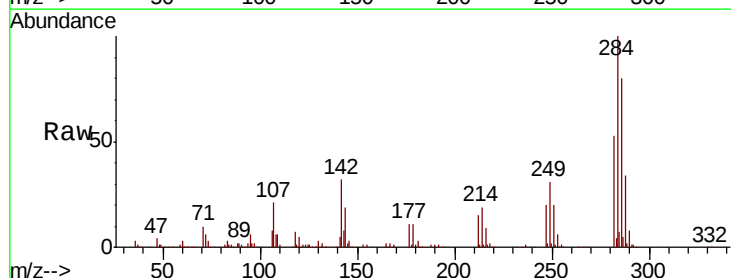
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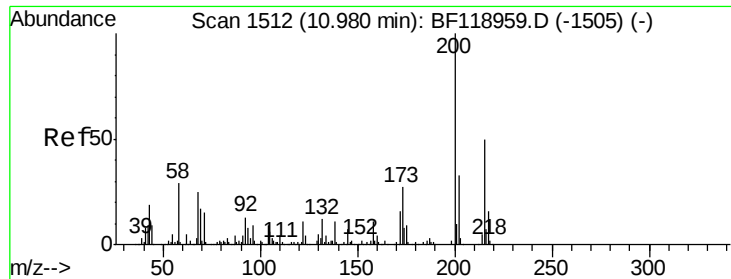
mohammad
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#68
Hexachlorobenzene
Concen: 37.280 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	23.7	35.5
249	30.9	25.0	37.6





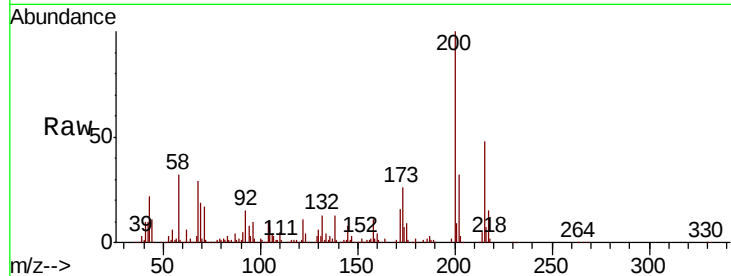
#69
Atrazine
Concen: 37.367 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.4	46.4
215	48.1	27.4	67.4

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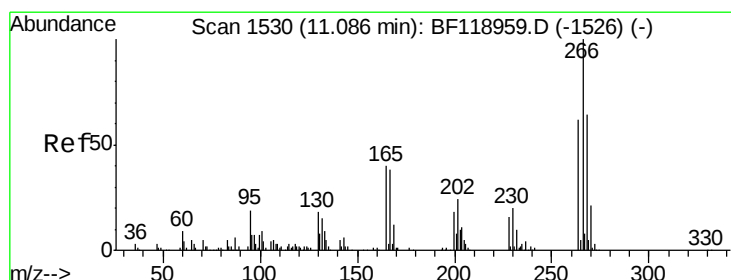
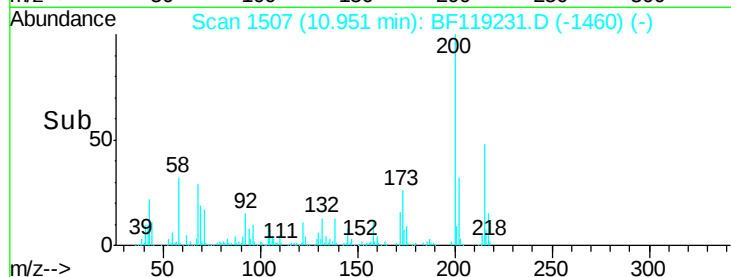
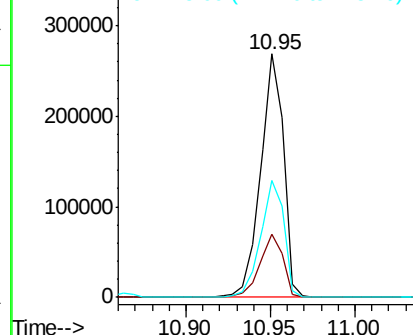


Abundance

Ion 200.00 (199.70 to 200.70): E

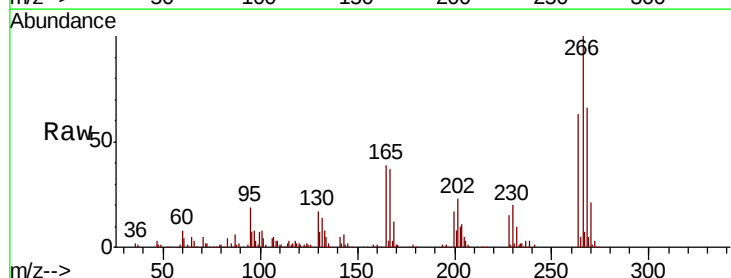
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 63.622 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.9	77.9
264	62.9	51.0	76.4

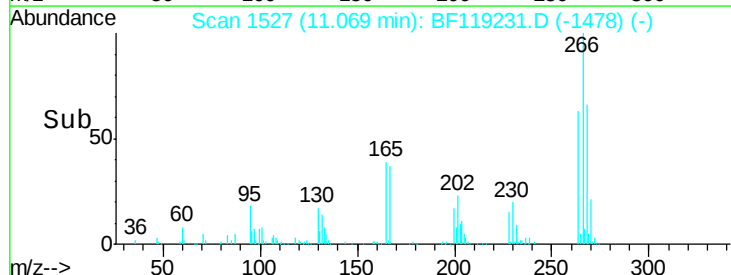
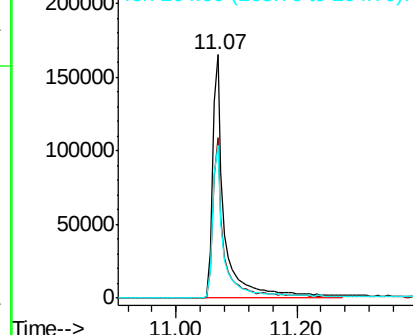


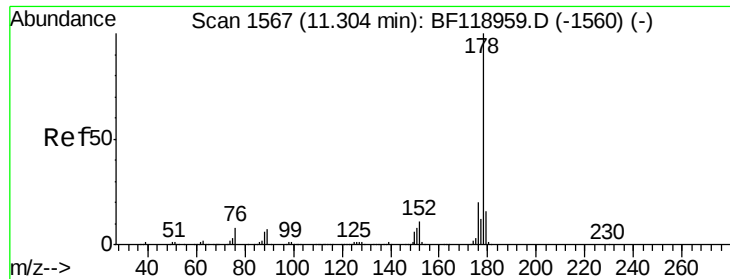
Abundance

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





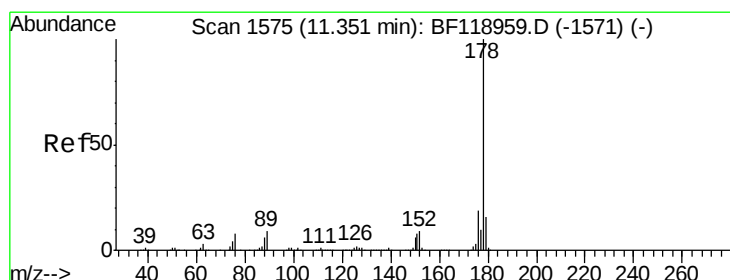
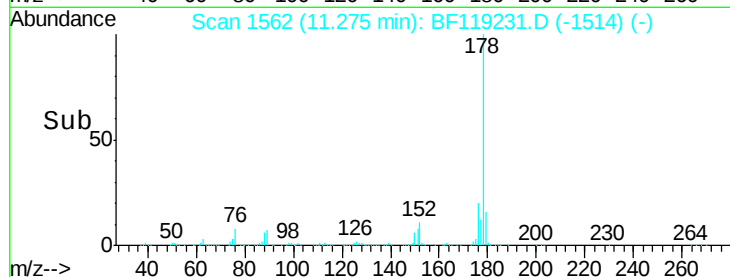
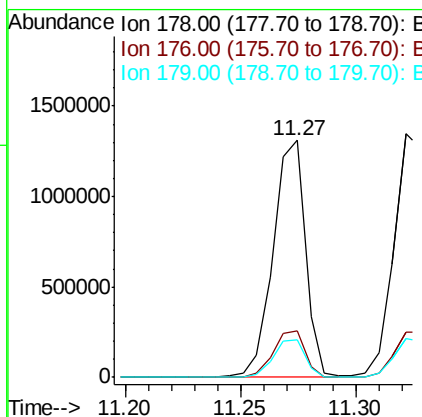
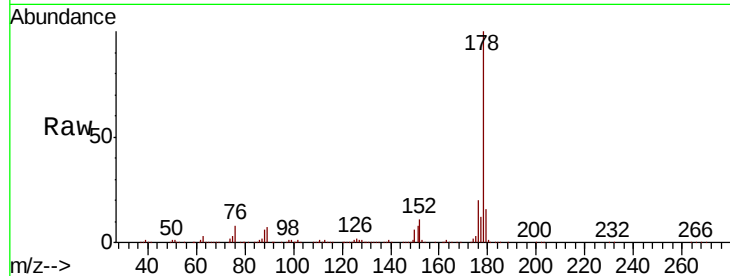
#71
Phenanthrene
Concen: 38.984 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion:178 Resp: 1275313
Ion Ratio Lower Upper
178 100
176 19.6 16.5 24.7
179 15.6 13.0 19.6

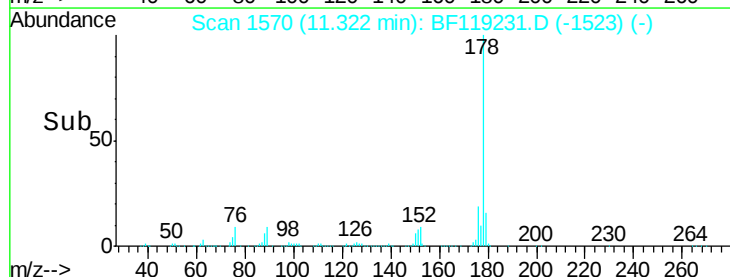
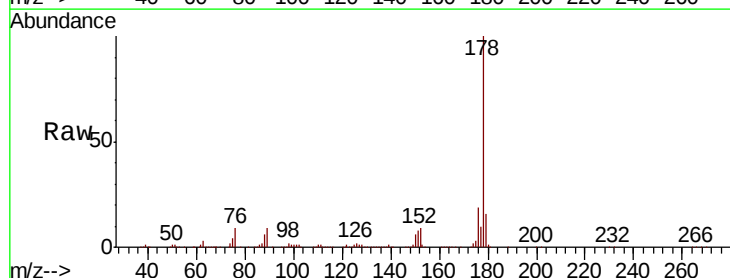
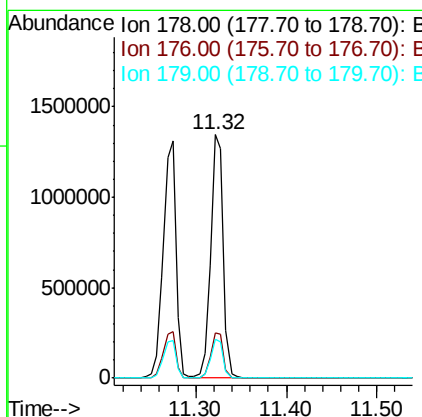
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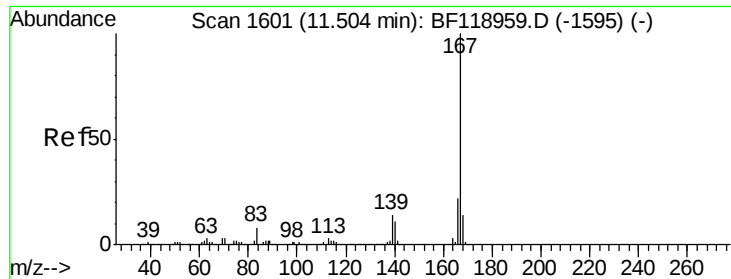
mohammad
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#72
Anthracene
Concen: 40.414 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:178 Resp: 1320998
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 16.0 13.1 19.7





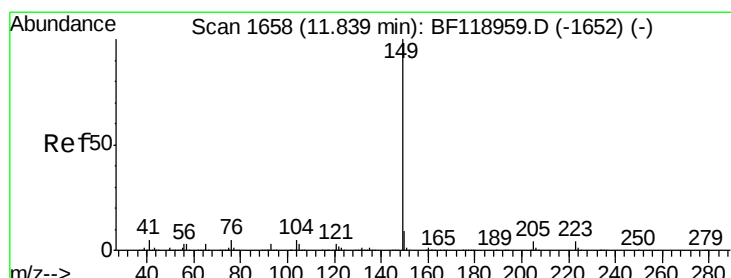
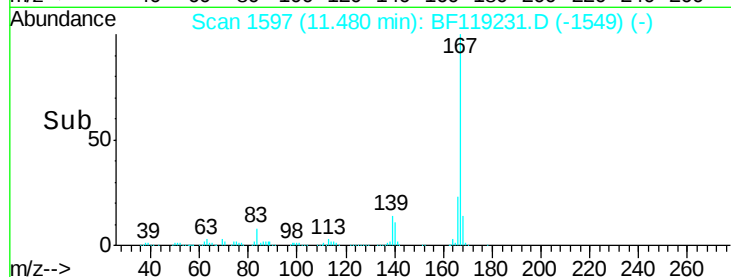
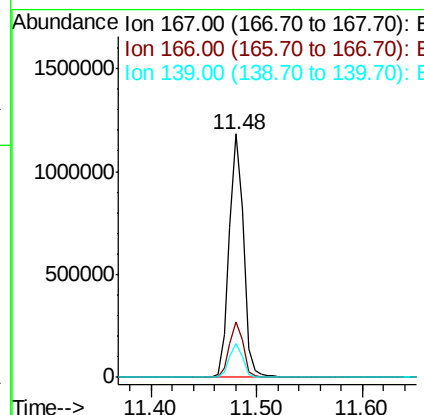
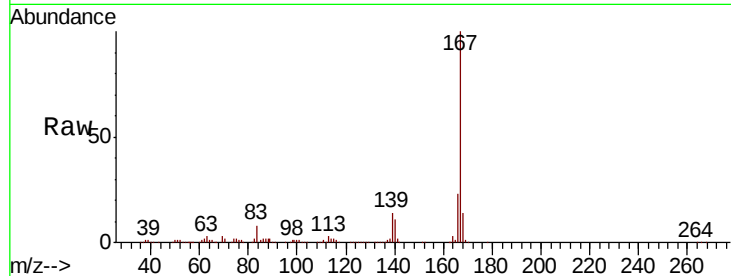
#73
 Carbazole
 Concen: 38.583 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	13.9	11.7	17.5

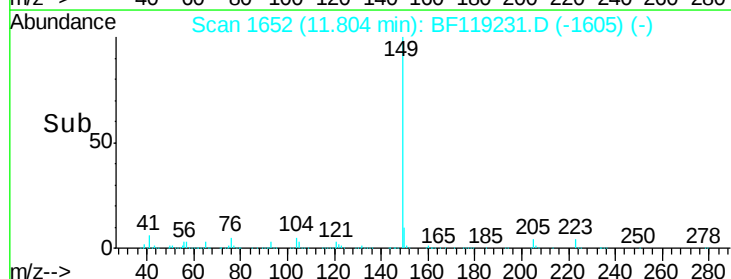
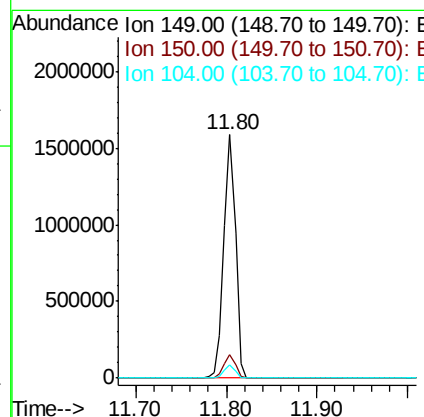
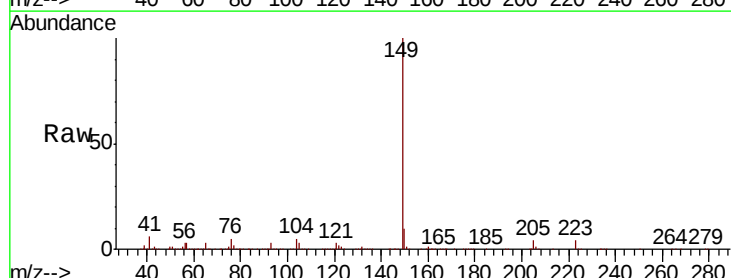
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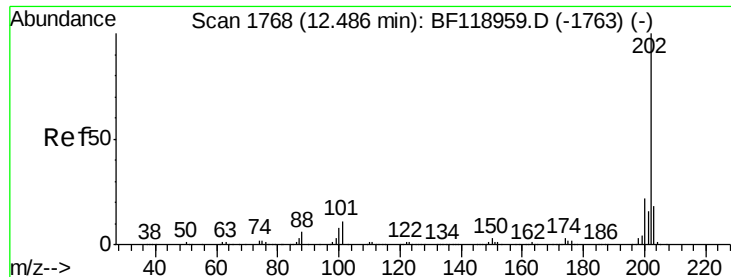
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.675 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.4	4.6	6.8





#75

Fluoranthene

Concen: 38.052 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

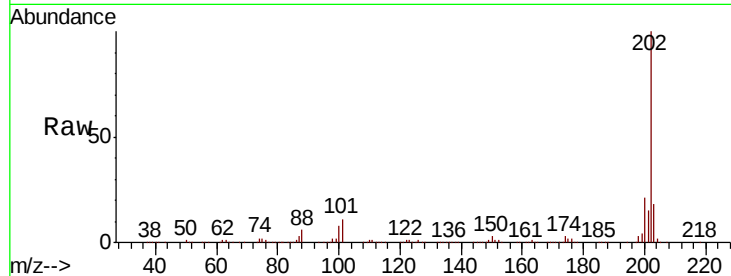
ClientSampleId :

CR-3MSD

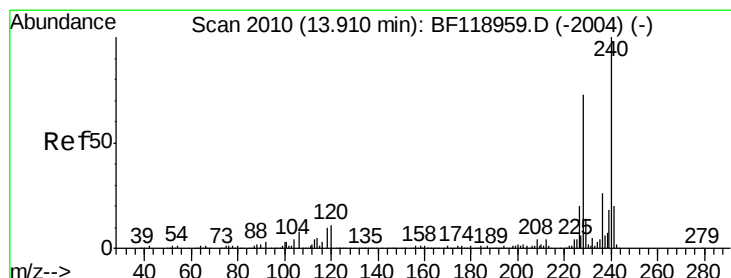
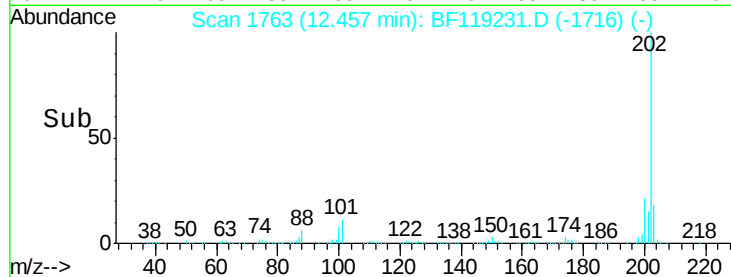
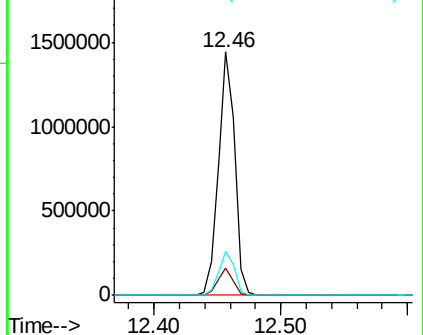
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.1	0.0	30.3		
203	18.1	0.0	38.4		

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
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

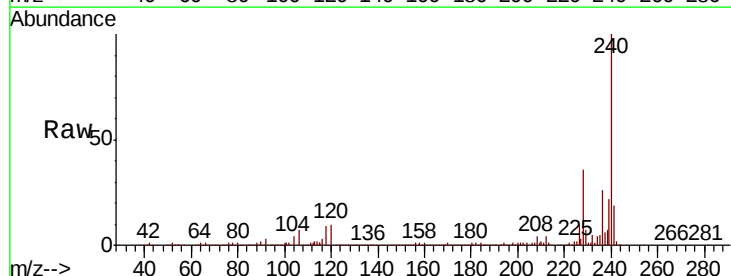
RT: 13.89 min Scan# 2006

Delta R.T. -0.02 min

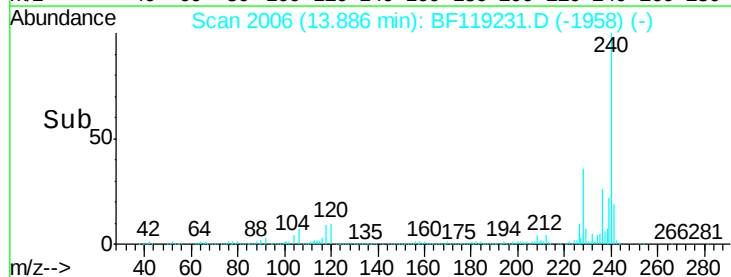
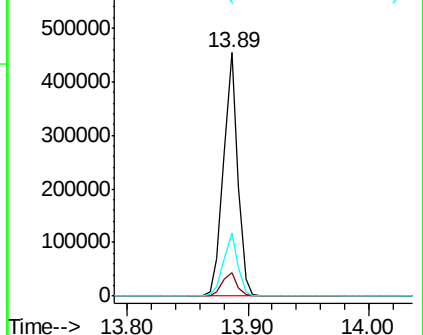
Lab File: BF119231.D

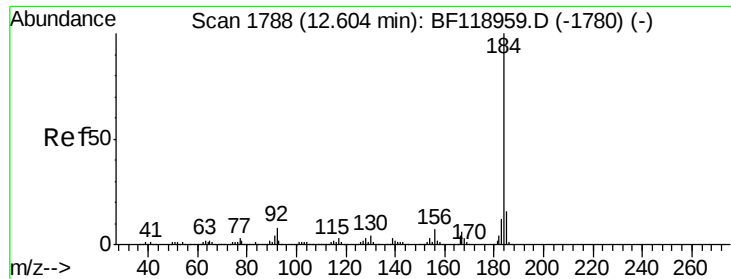
Acq: 6 Mar 2020 00:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	9.6	8.4	12.6		
236	26.1	21.0	31.4		



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.057 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

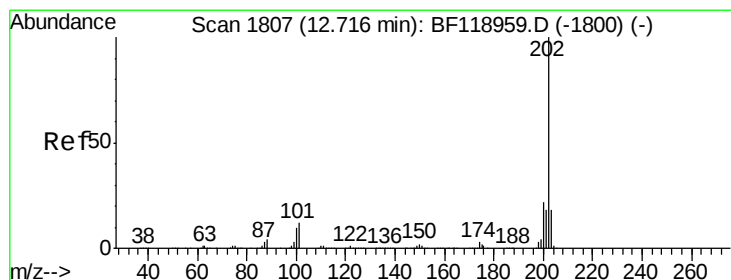
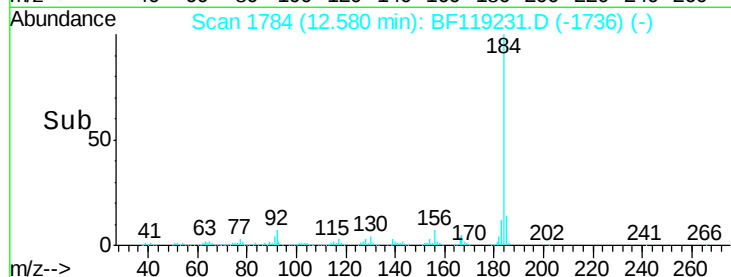
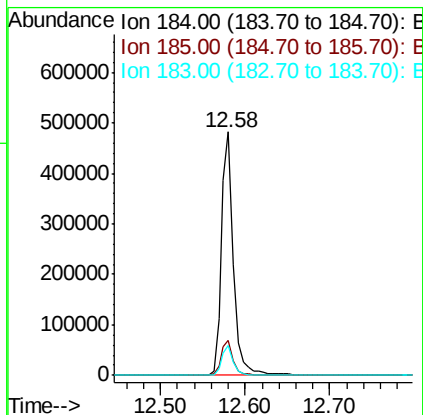
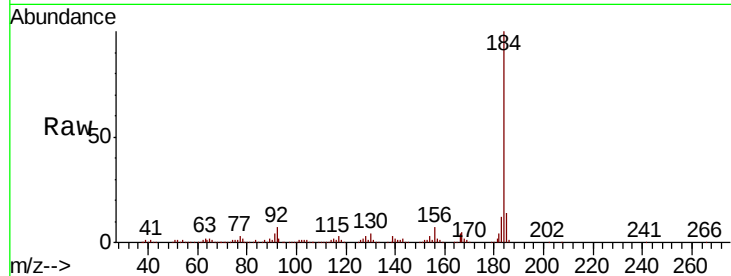
ClientSampleId :

CR-3MSD

Tot Ion:	184	Resp:	483726
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.2	18.4
183	12.2	9.9	14.9

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#78

Pyrene

Concen: 44.231 ng

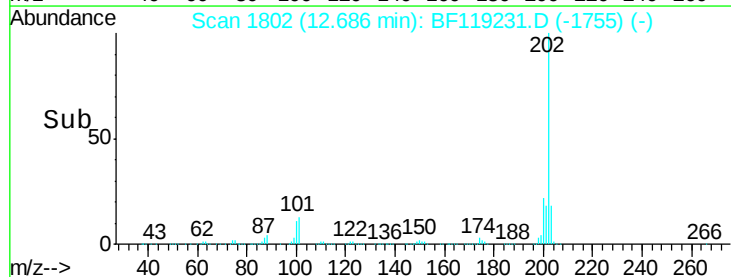
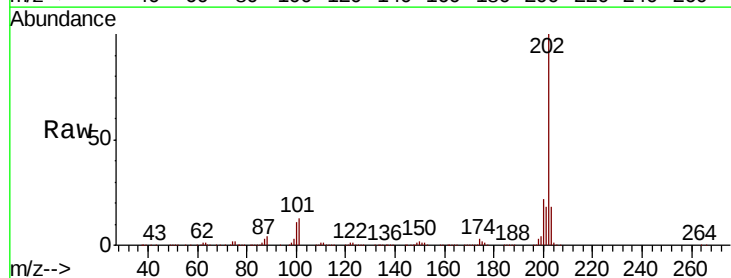
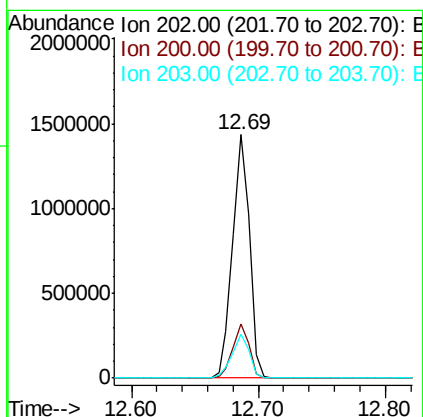
RT: 12.69 min Scan# 1802

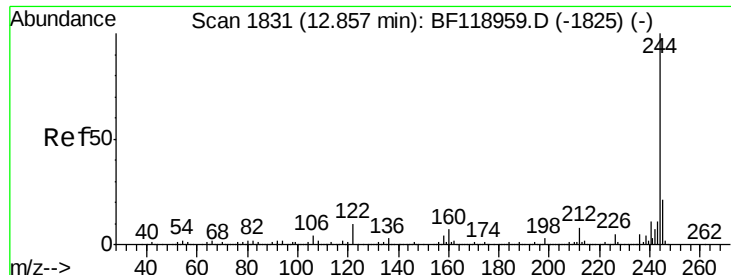
Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Tgt Ion:	202	Resp:	1317783
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.0	27.0
203	18.1	14.6	22.0





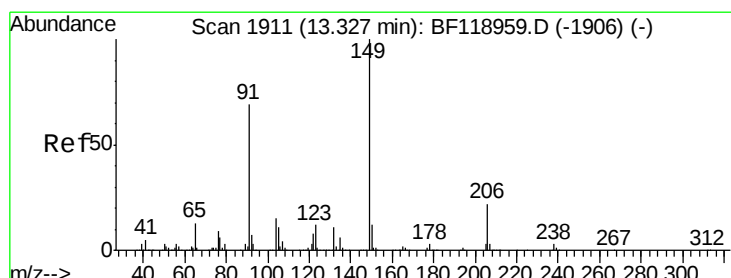
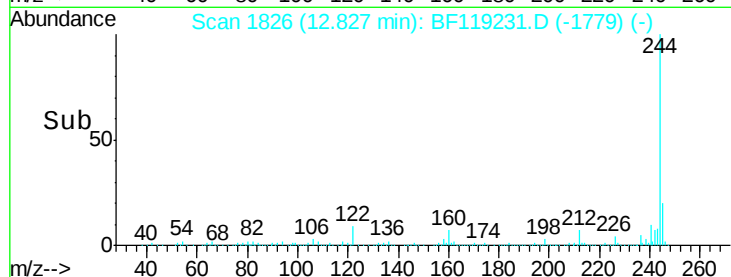
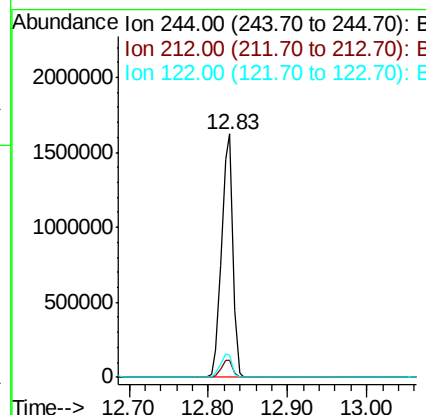
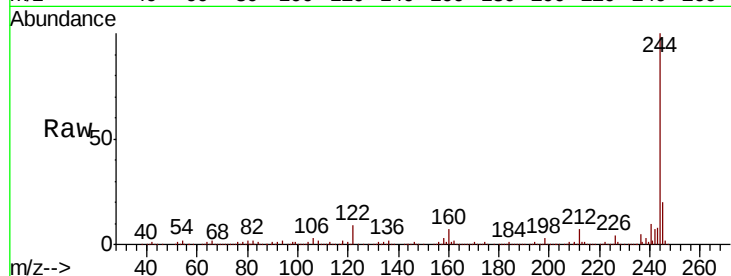
#79
 Terphenyl-d14
 Concen: 74.196 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Instrument :
 BNA_F
 ClientSampleId :
 CR-3MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	10.0
122	9.2	8.2	12.2

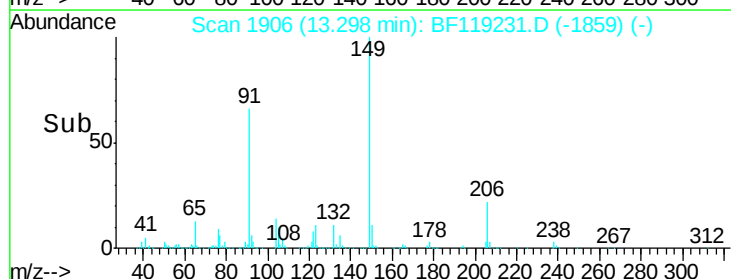
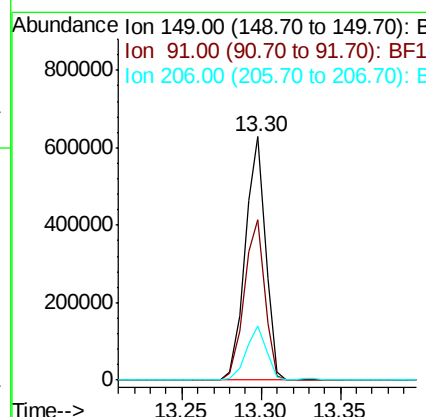
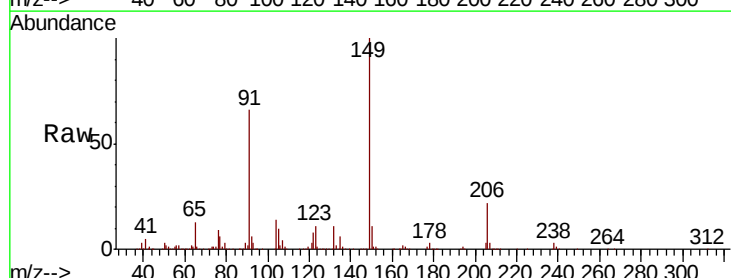
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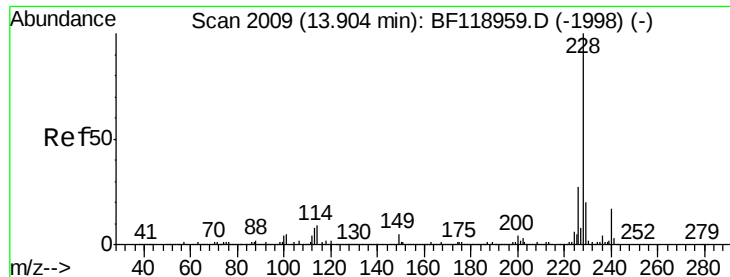
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.264 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.7	52.3	78.5
206	22.4	18.5	27.7





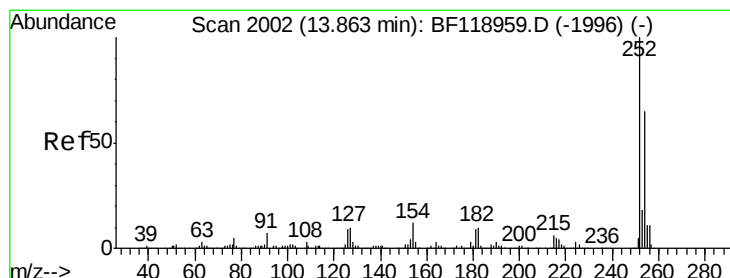
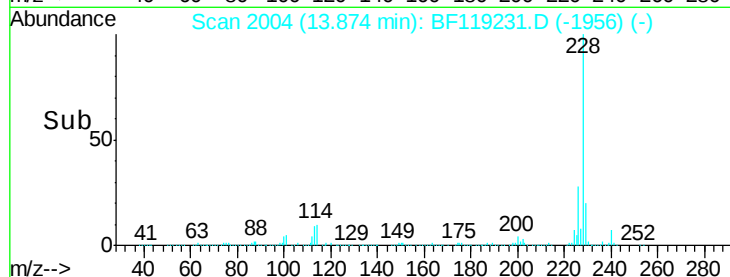
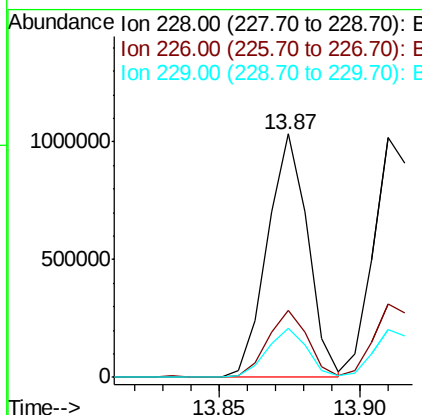
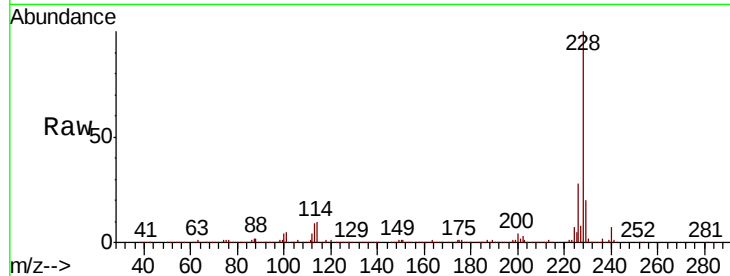
#81
Benzo(a)anthracene
Concen: 40.319 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.3	16.6	24.8

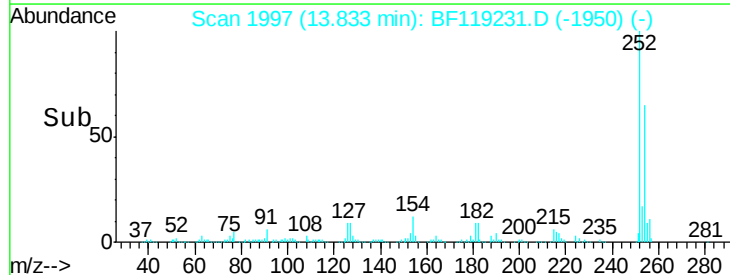
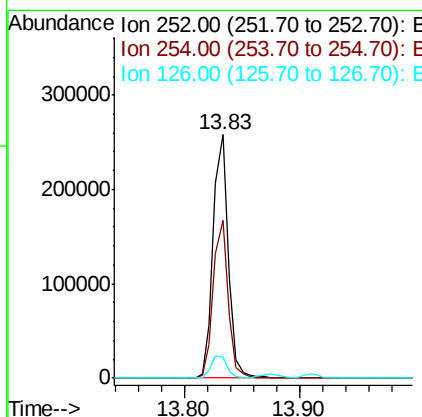
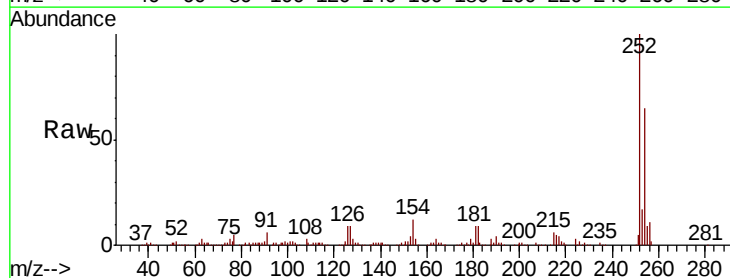
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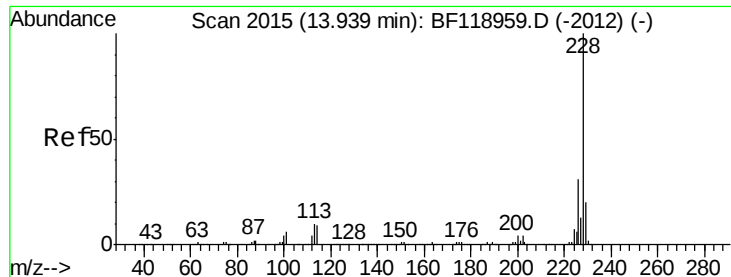
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 23.997 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.6	77.4
126	8.8	7.4	11.0





#83

Chrysene

Concen: 38.736 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

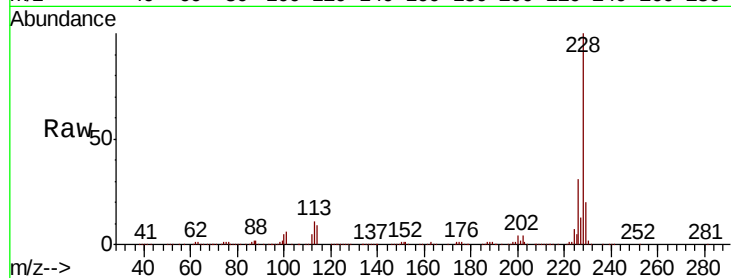
ClientSampleId :

CR-3MSD

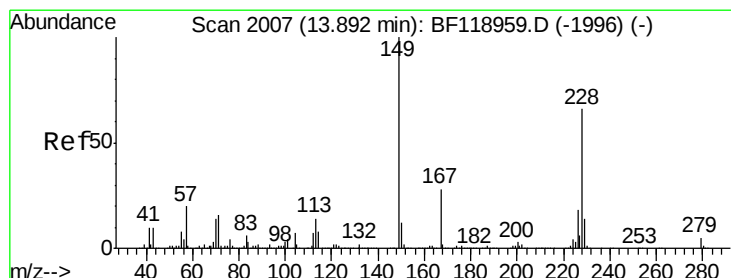
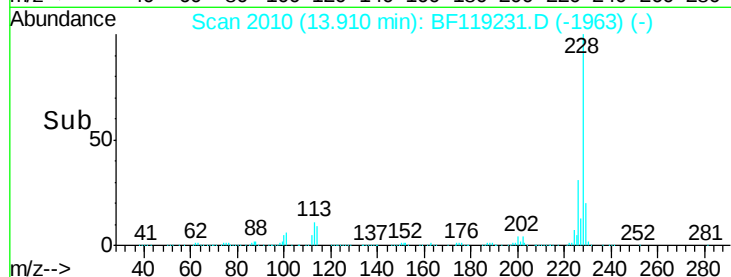
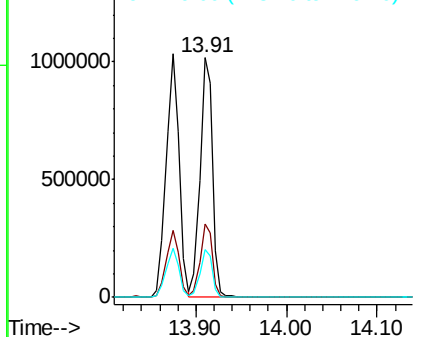
Tot Ion:	228	Resp:	975764
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.1	37.7
229	20.1	16.3	24.5

Manual Integrations
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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: 45.106 ng

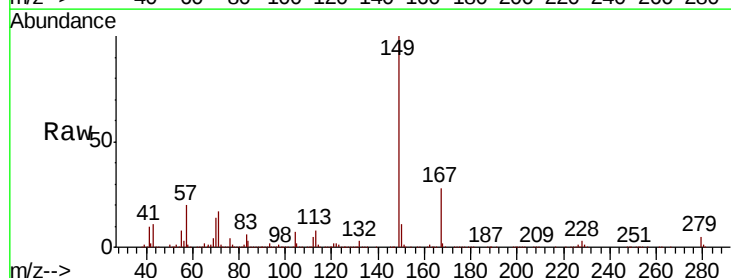
RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

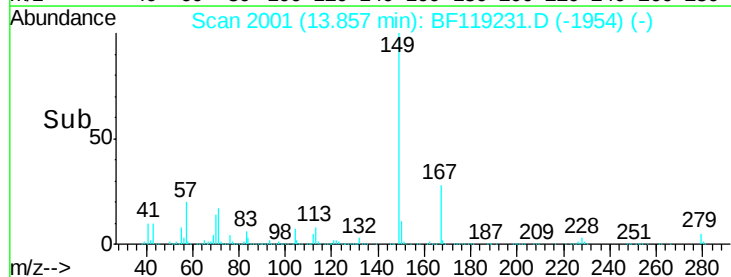
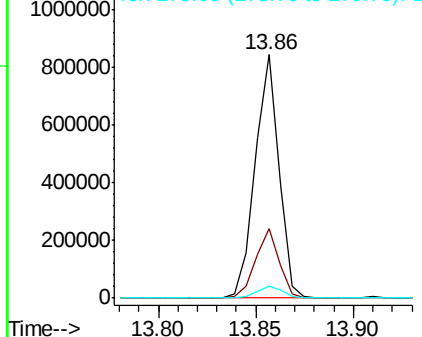
Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Tgt Ion:	149	Resp:	714543
Ion Ratio	Lower	Upper	
149	100		
167	28.4	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: 39.913 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampleId :

CR-3MSD

Tot Ion:149 Resp: 1007394

Ion Ratio Lower Upper

149 100

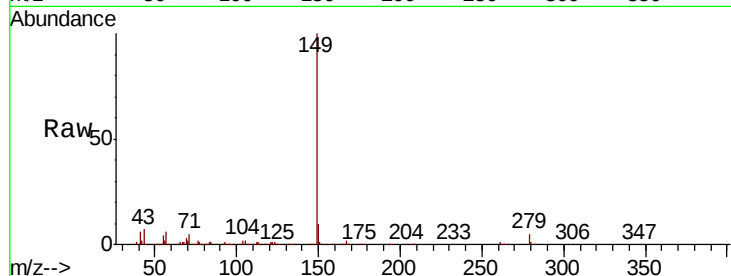
167 1.7 1.3 1.9

43 6.6 5.7 8.5

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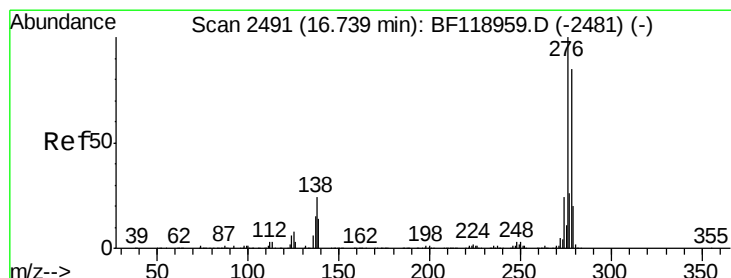
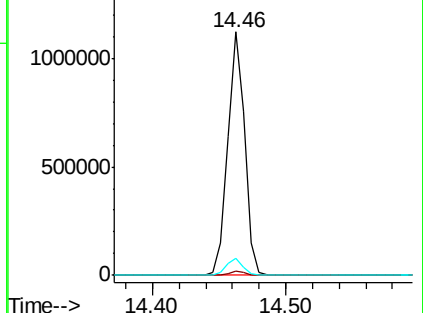
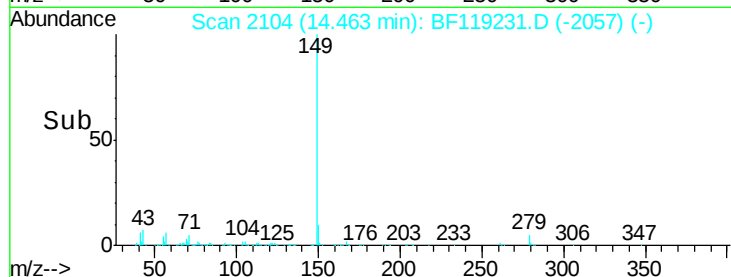
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.712 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

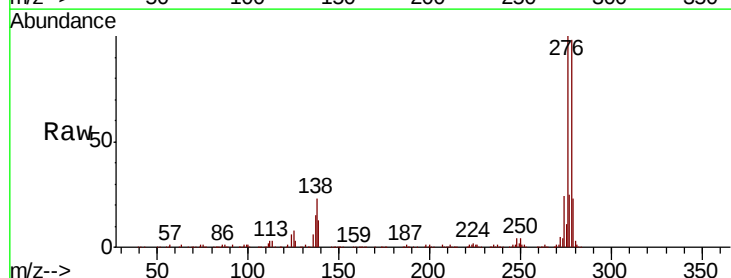
Tgt Ion:276 Resp: 895441

Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.0

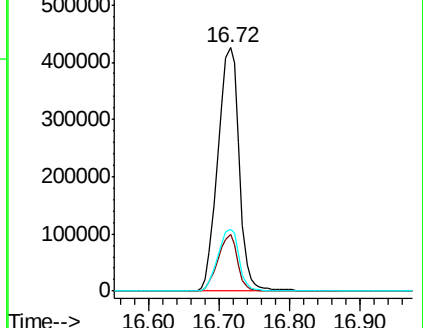
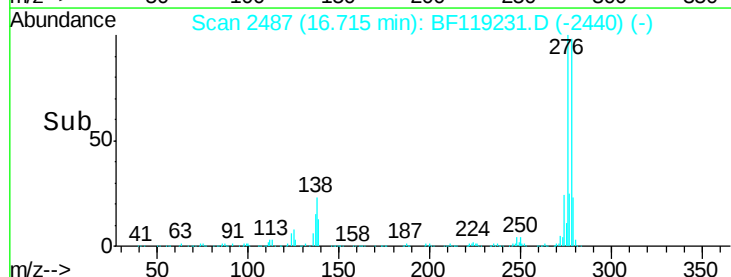
277 25.5 20.3 30.5

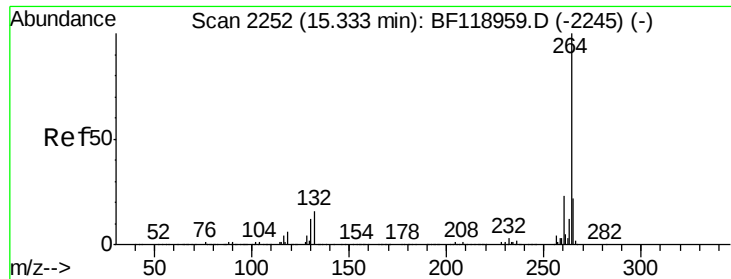


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





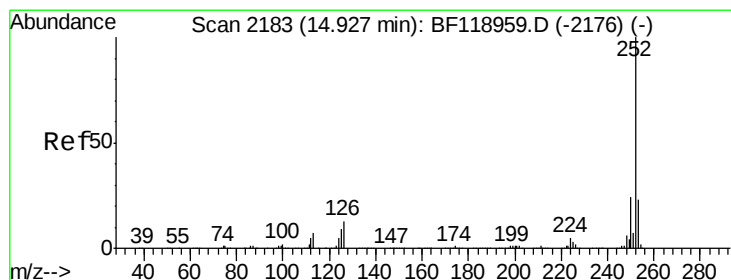
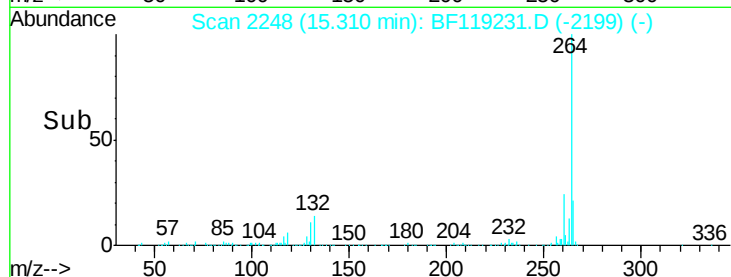
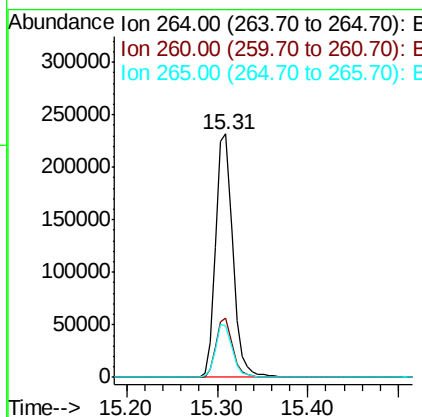
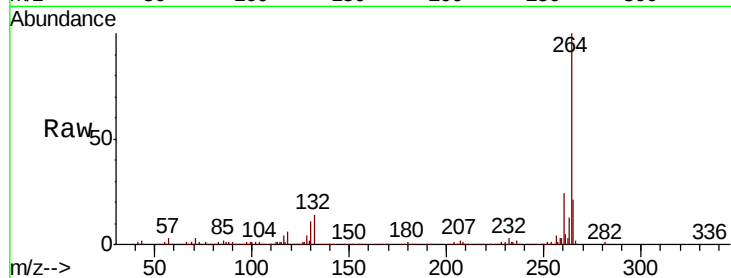
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.3	17.7	26.5

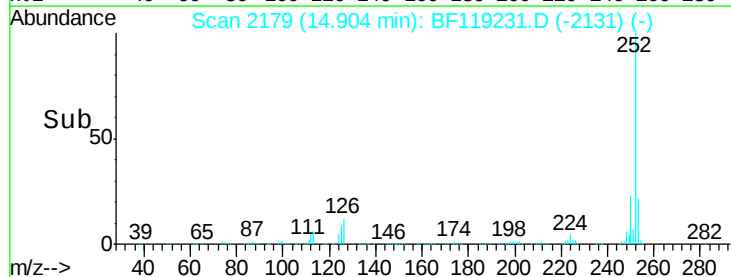
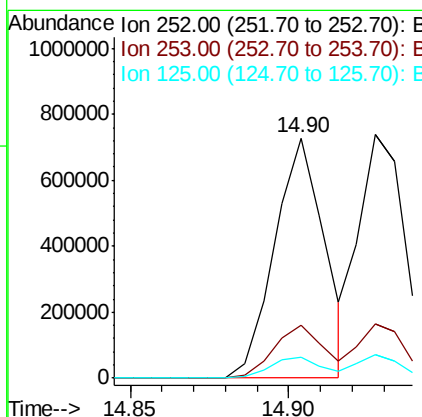
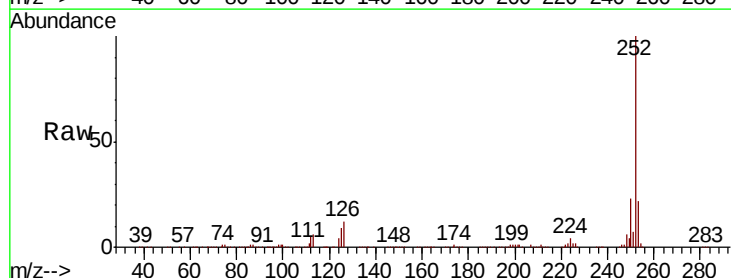
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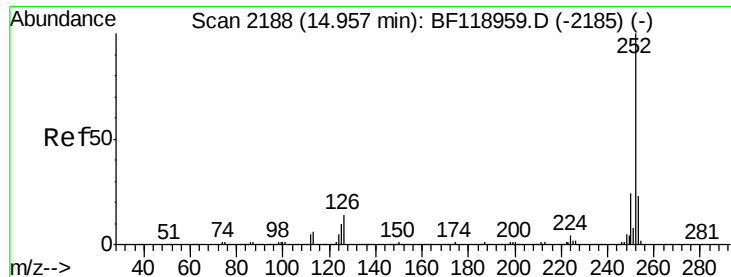
mohammad
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#88
Benzo(b)fluoranthene
Concen: 39.807 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	8.7	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 40.719 ng

RT: 14.93 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

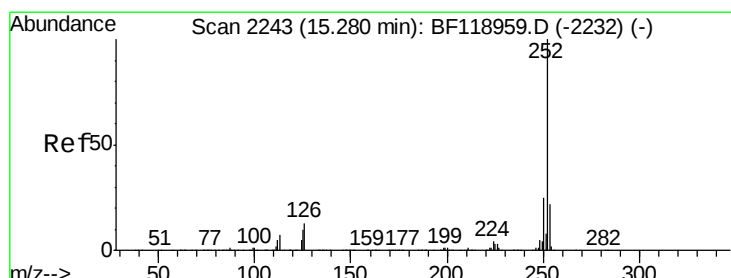
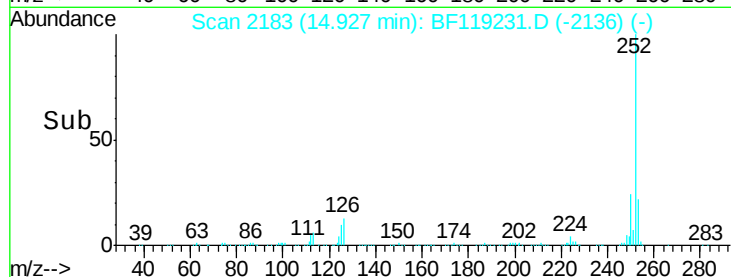
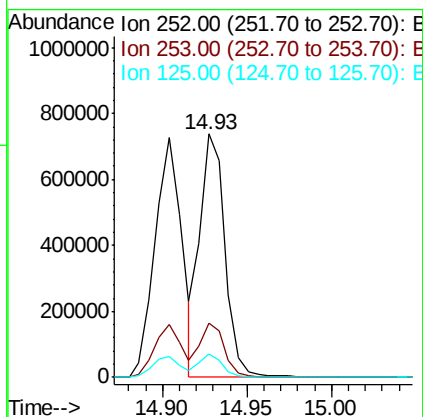
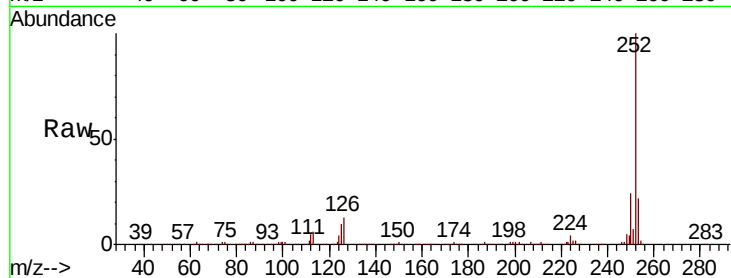
ClientSampleId :

CR-3MSD

Tot Ion:	252	Resp:	756316
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	9.6	7.5	11.3

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 38.155 ng

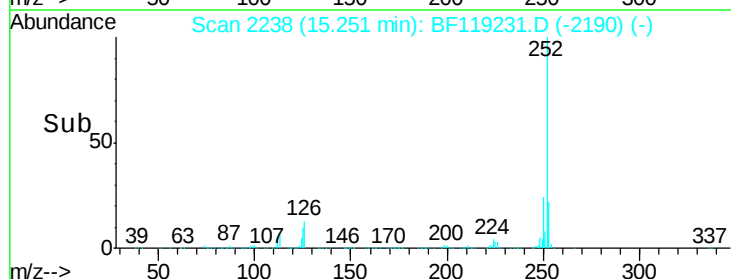
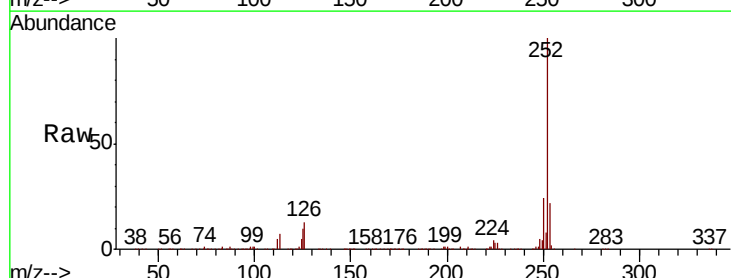
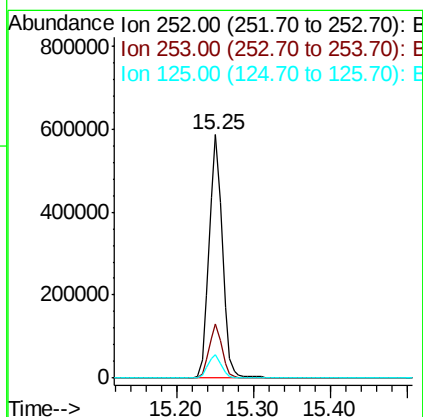
RT: 15.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Tgt Ion:	252	Resp:	690194
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	9.9	8.6	12.8





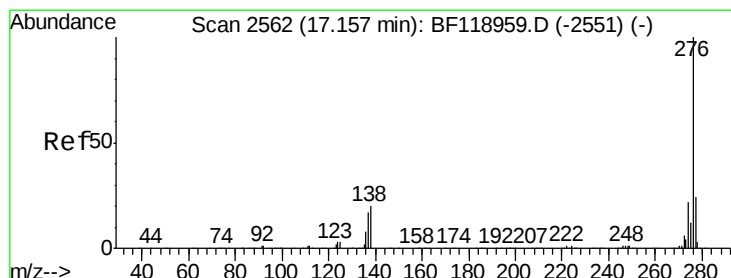
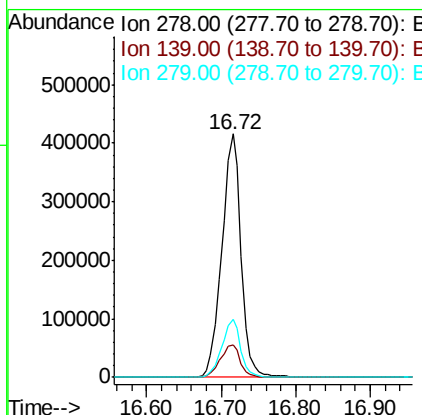
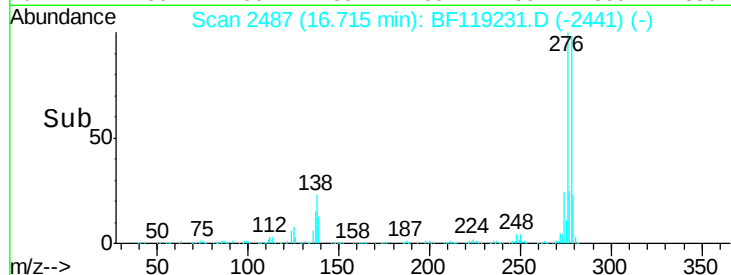
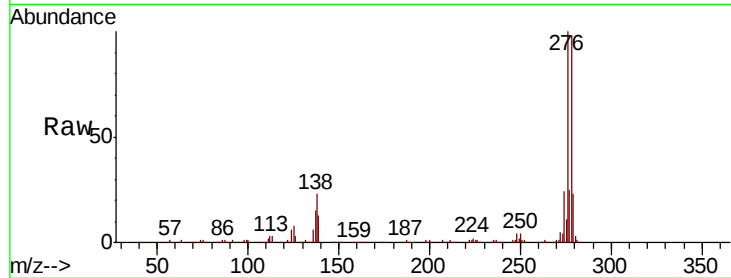
#91
Dibenzo(a,h)anthracene
Concen: 46.960 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :
CR-3MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.5	11.0	16.4
279	24.0	18.6	28.0

Manual Integrations
APPROVED

mohammad
3/9/2020 8:27:33 AM



#92
Benzo(g,h,i)perylene
Concen: 48.718 ng
RT: 17.13 min Scan# 2558
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	18.4	14.3	21.5

