

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119769.D
 Acq On : 6 Apr 2020 14:04
 Operator : MA/SJ
 Sample : PB128003BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Manual Integrations
 APPROVED

mohammad
 4/8/2020 8:12:20 AM

Quant Time: Apr 06 14:39:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	162733	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	610202	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	309360	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	587921	20.00	ng	0.00
76) Chrysene-d12	13.96	240	406388	20.00	ng	0.00
87) Perylene-d12	15.40	264	455329	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1508082	147.53	ng	0.02
7) Phenol-d6	6.42	99	1913194	146.51	ng	0.00
23) Nitrobenzene-d5	7.35	82	1174201	104.58	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	547596	171.58	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2198098	105.26	ng	0.00
79) Terphenyl-d14	12.90	244	2441316	117.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	196547	38.929	ng	99
3) Pyridine	3.27	79	562397	40.433	ng	96
4) n-Nitrosodimethylamine	3.22	42	312566	46.081	ng	97
6) Aniline	6.45	93	669584	37.152	ng	96
8) 2-Chlorophenol	6.57	128	619522	57.702	ng	99
9) Benzaldehyde	6.33	77	287531	34.709	ng	99
10) Phenol	6.43	94	766750	55.028	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	573984	51.506	ng	98
12) 1,3-Dichlorobenzene	6.72	146	624984	53.784	ng	97
13) 1,4-Dichlorobenzene	6.80	146	629287	54.141	ng	97
14) 1,2-Dichlorobenzene	6.96	146	587623	54.088	ng	98
15) Benzyl Alcohol	6.93	79	496599	50.555	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1022083	45.470	ng	99
17) 2-Methylphenol	7.04	107	495664	50.387	ng	97
18) Hexachloroethane	7.30	117	235601	55.312	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	405136	51.472	ng	98
20) 3+4-Methylphenols	7.19	107	598259	49.624	ng	# 83
22) Acetophenone	7.20	105	789309	54.134	ng	# 91
24) Nitrobenzene	7.37	77	628845	52.408	ng	98
25) Isophorone	7.61	82	1126824	49.475	ng	99
26) 2-Nitrophenol	7.69	139	327225	69.262	ng	90
27) 2,4-Dimethylphenol	7.73	122	513230	52.537	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	715665	53.138	ng	99
29) 2,4-Dichlorophenol	7.93	162	498410	55.526	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	543256	54.727	ng	98
31) Naphthalene	8.09	128	1727602	55.016	ng	99
32) Benzoic acid	7.86	122	414685	65.991	ng	92
33) 4-Chloroaniline	8.14	127	370744	25.766	ng	98
34) Hexachlorobutadiene	8.21	225	305814	55.061	ng	99
35) Caprolactam	8.51	113	157714m	53.687	ng	
36) 4-Chloro-3-methylphenol	8.63	107	544969	55.550	ng	96
37) 2-Methylnaphthalene	8.79	142	1141062	55.368	ng	99
38) 1-Methylnaphthalene	8.89	142	1083649	55.553	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	497393	54.854	ng	99

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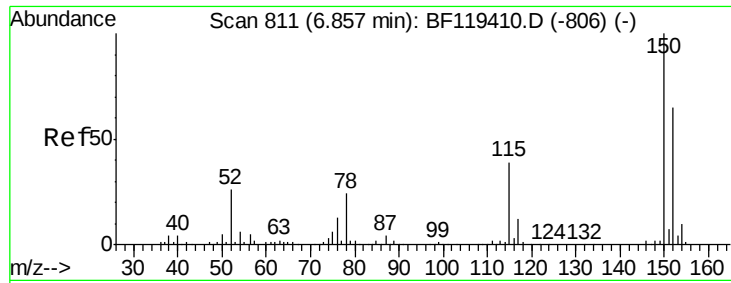
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 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	625136	121.267	nq	100
43) 2,4,6-Trichlorophenol	9.06	196	366453	56.473	nq	97
44) 2,4,5-Trichlorophenol	9.10	196	400176	55.051	nq	97
46) 1,1'-Biphenyl	9.25	154	1359287	53.949	nq	100
47) 2-Chloronaphthalene	9.27	162	1075618	54.500	nq	99
48) 2-Nitroaniline	9.37	65	382035	56.081	nq	98
49) Acenaphthylene	9.69	152	1686245	54.407	nq	98
50) Dimethylphthalate	9.56	163	1225037	55.749	nq	100
51) 2,6-Dinitrotoluene	9.62	165	282011	59.875	nq	99
52) Acenaphthene	9.86	154	1027029	53.155	nq	100
53) 3-Nitroaniline	9.78	138	198915	33.452	nq	97
54) 2,4-Dinitrophenol	9.89	184	342287	159.954	nq	96
55) Dibenzofuran	10.04	168	1505692	54.353	nq	99
56) 4-Nitrophenol	9.95	139	509950	108.712	nq	96
57) 2,4-Dinitrotoluene	10.02	165	378729	63.831	nq	90
58) Fluorene	10.38	166	1159202	56.587	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	332626	61.217	nq	99
60) Diethylphthalate	10.26	149	1245740	55.857	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	559360	55.837	nq	97
62) 4-Nitroaniline	10.40	138	310571	54.466	nq	94
63) Azobenzene	10.53	77	1192172	53.083	nq	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	217553	88.246	nq	88
66) n-Nitrosodiphenylamine	10.49	169	1066916	55.279	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	364398	54.423	nq	95
68) Hexachlorobenzene	10.93	284	397455	57.998	nq	96
69) Atrazine	11.02	200	318536	60.201	nq	99
70) Pentachlorophenol	11.12	266	457374	113.825	nq	98
71) Phenanthrene	11.34	178	1686952	55.337	nq	99
72) Anthracene	11.39	178	1747814	56.411	nq	99
73) Carbazole	11.54	167	1636265	53.355	nq	99
74) Di-n-butylphthalate	11.88	149	1914593	58.361	nq	100
75) Fluoranthene	12.53	202	1840018	55.771	nq	99
77) Benzidine	12.65	184	865521	50.326	nq	99
78) Pyrene	12.76	202	1857735	55.701	nq	99
80) Butylbenzylphthalate	13.38	149	799461	59.266	nq	96
81) Benzo(a)anthracene	13.95	228	1423230	53.856	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	422641	40.561	nq	99
83) Chrysene	13.99	228	1473953	54.043	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	982839	61.120	nq	98
85) Di-n-octyl phthalate	14.56	149	1834534	64.869	nq	99
86) Indeno(1,2,3-cd)pyrene	16.83	276	1906442	74.220	nq	99
88) Benzo(b)fluoranthene	14.99	252	1725017	56.714	nq	97
89) Benzo(k)fluoranthene	15.02	252	1421589	49.084	nq	99
90) Benzo(a)pyrene	15.34	252	1495064	54.088	nq	98
91) Dibenzo(a,h)anthracene	16.86	278	1560135	64.529	nq	99
92) Benzo(g,h,i)perylene	17.27	276	1501775	61.829	nq	98

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



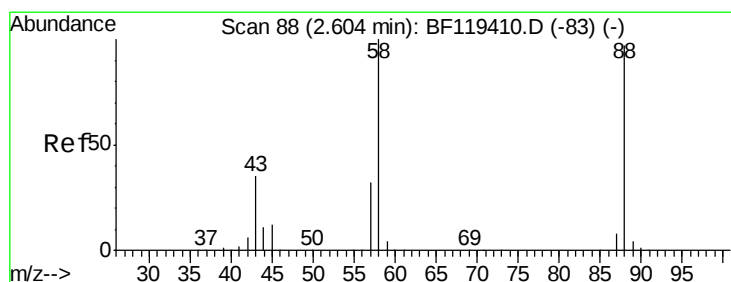
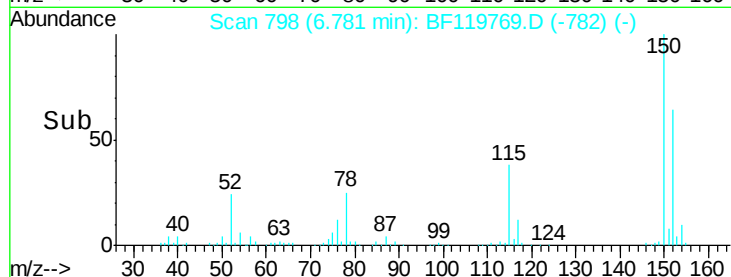
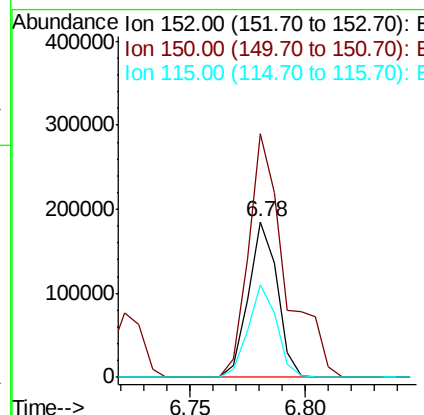
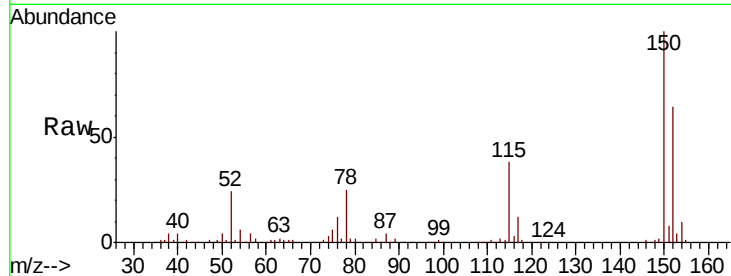
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.5	186.7
115	59.4	49.6	74.4

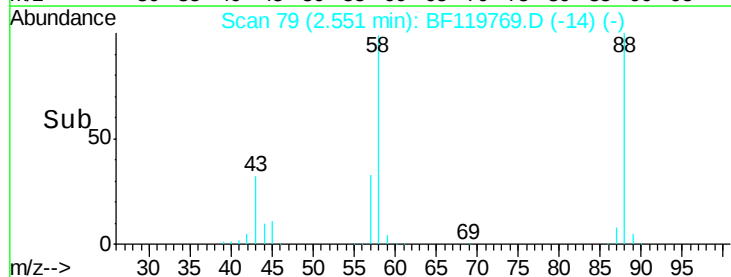
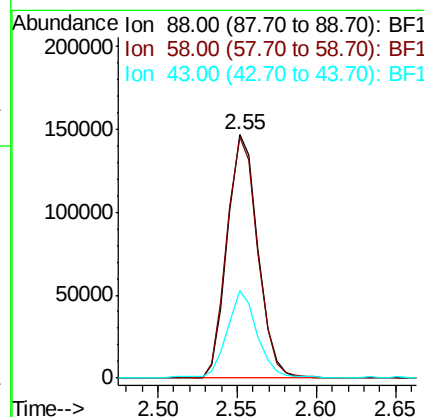
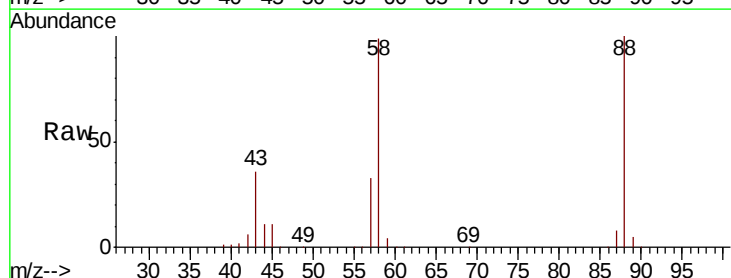
Manual Integrations
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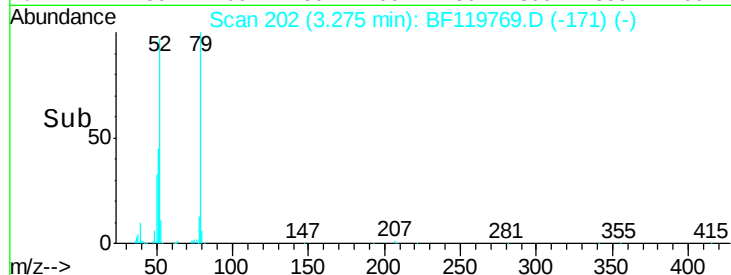
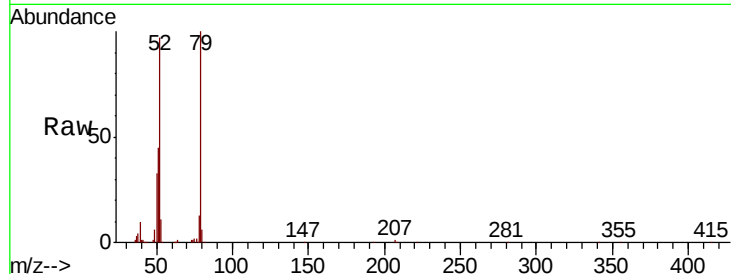
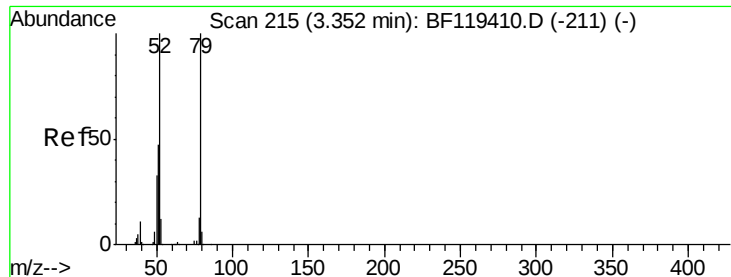
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#2
 1,4-Dioxane
 Concen: 38.929 ng
 RT: 2.55 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.6	80.6	121.0
43	34.6	27.5	41.3





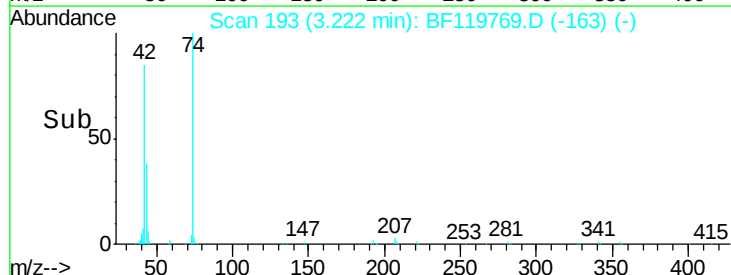
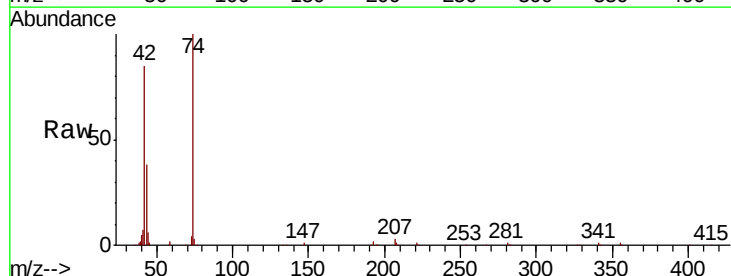
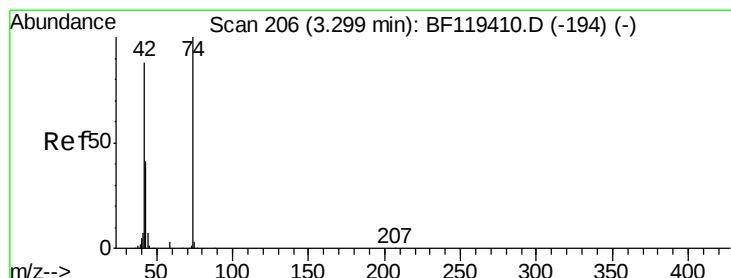
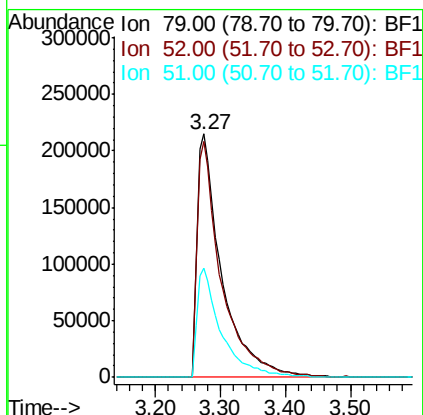
#3
Pvridine
Concen: 40.433 ng
RT: 3.27 min Scan# 202
Delta R.T. 0.08 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	96.8	80.2	120.2
51	44.7	37.7	56.5

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

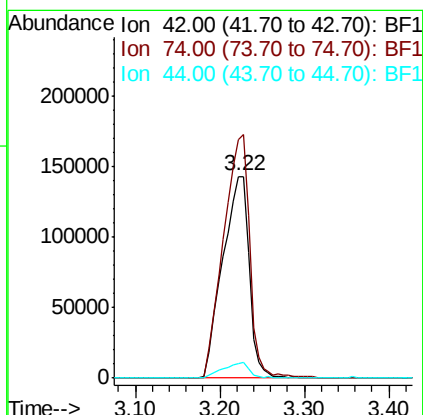
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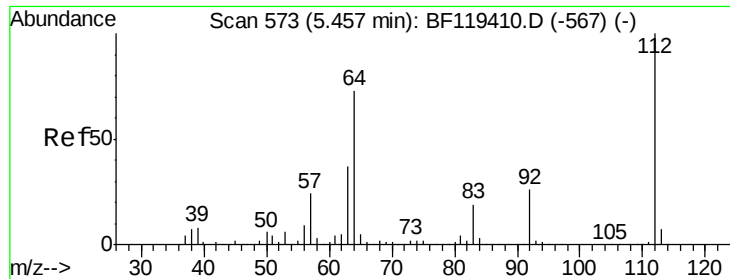
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#4
n-Nitrosodimethylamine
Concen: 46.081 ng
RT: 3.22 min Scan# 193
Delta R.T. 0.08 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.3	91.5	137.3
44	7.2	6.2	9.4





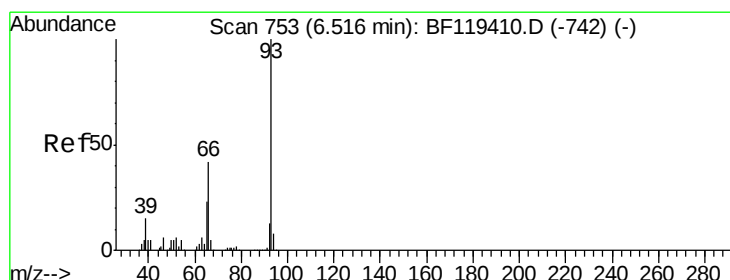
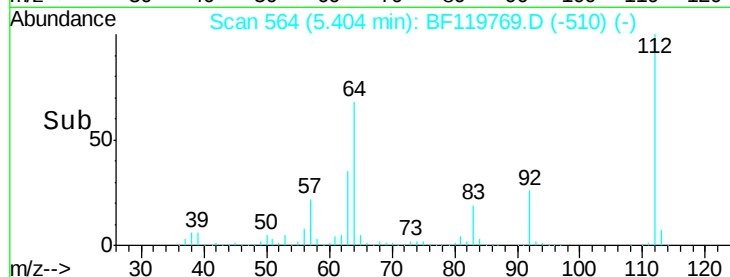
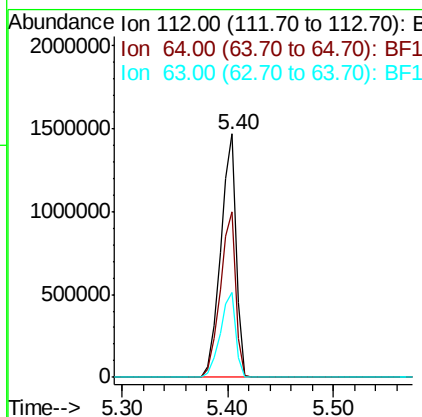
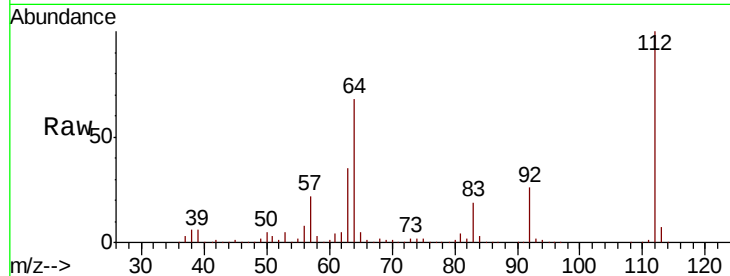
#5
 2-Fluorophenol
 Concen: 147.525 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.02 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	68.2	56.7	85.1
63	34.7	29.5	44.3

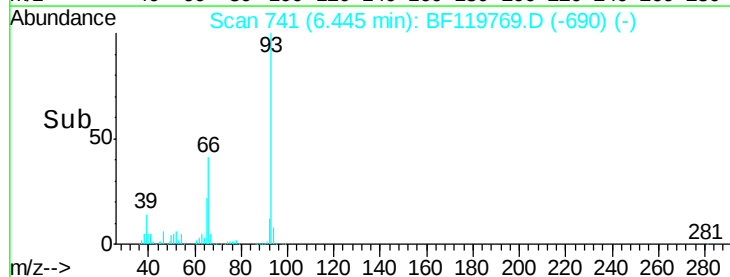
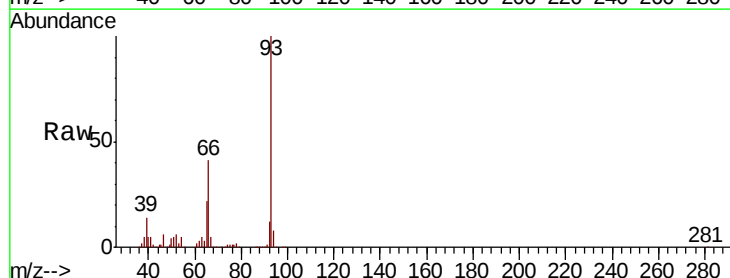
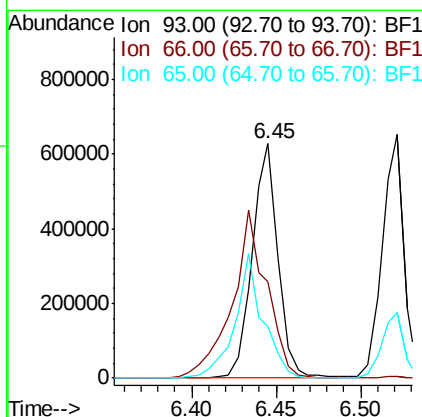
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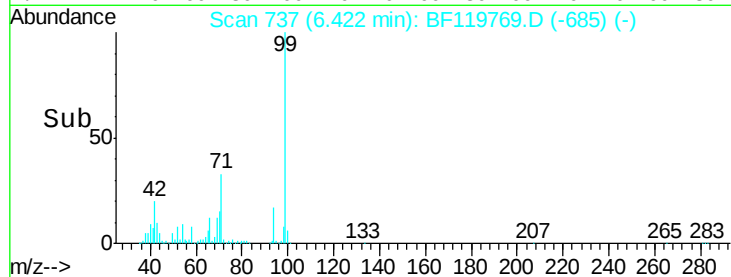
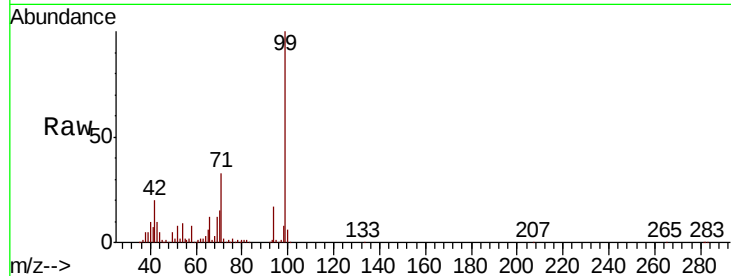
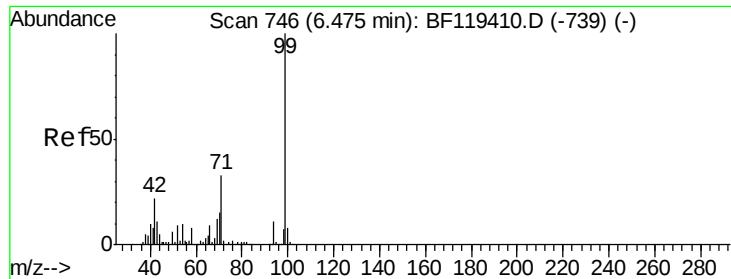
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#6
 Aniline
 Concen: 37.152 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.0	34.9	52.3
65	21.9	18.6	27.8





#7

Phenol-d6

Concen: 146.509 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Tot Ion:	99	Resp:	1913194
Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.6	24.8
71	32.7	26.4	39.6

Instrument :

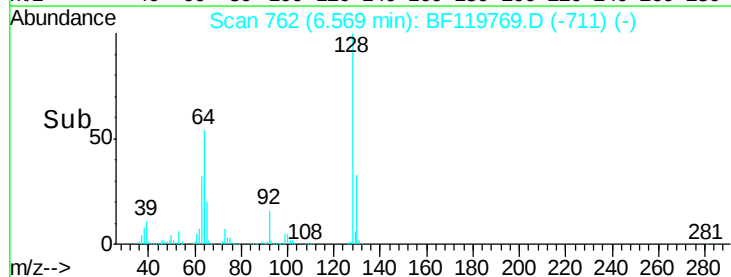
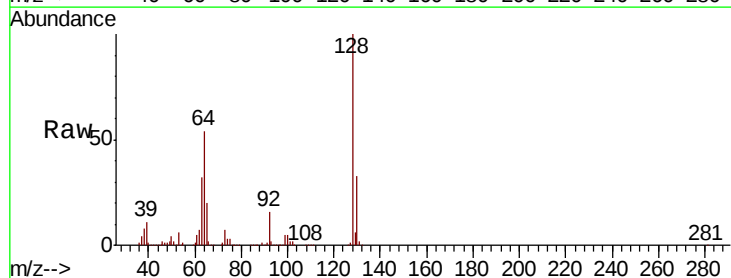
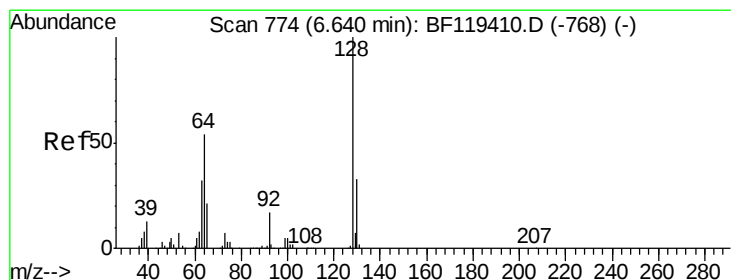
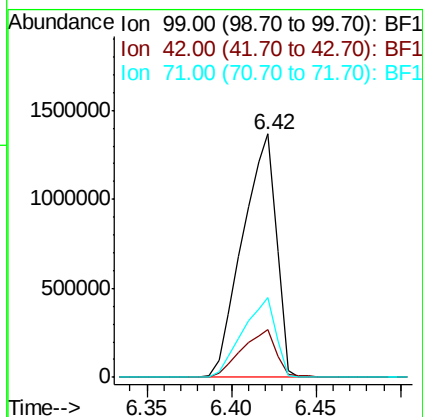
BNA_F

ClientSampleId :

PB128003BSD

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#8

2-Chlorophenol

Concen: 57.702 ng

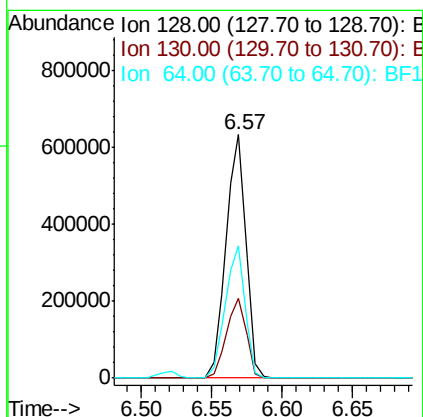
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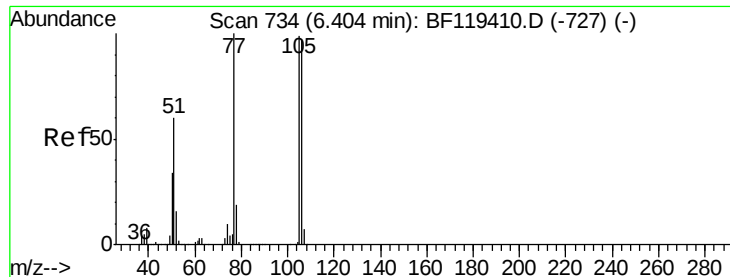
Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Tgt Ion:	128	Resp:	619522
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	54.1	35.3	75.3





#9

Benzaldehyde

Concen: 34.709 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Instrument :

BNA_F

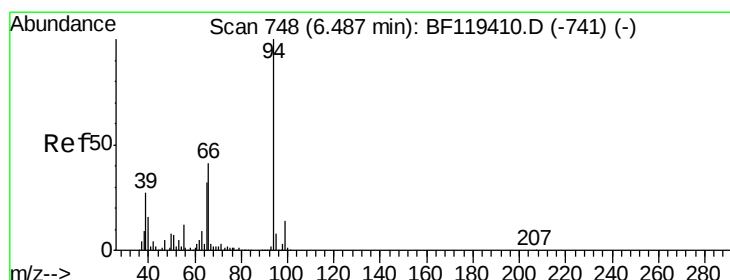
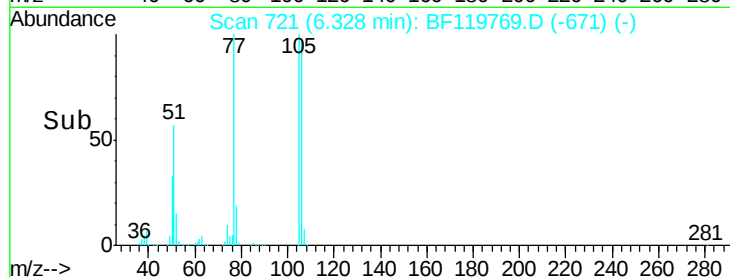
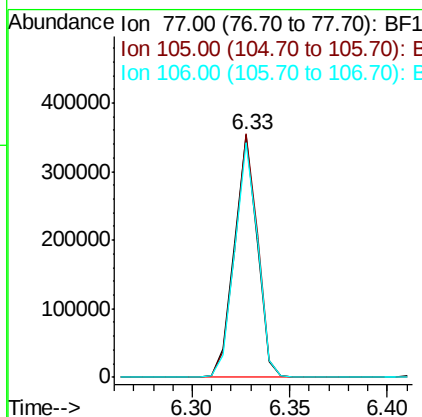
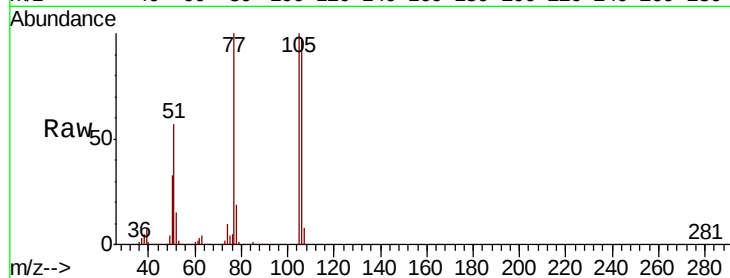
ClientSampleId :

PB128003BSD

Tot Ion:	77	Resp:	287531
Ion Ratio	Lower	Upper	
77	100		
105	100.3	80.9	120.9
106	96.9	77.9	117.9

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#10

Phenol

Concen: 55.028 ng

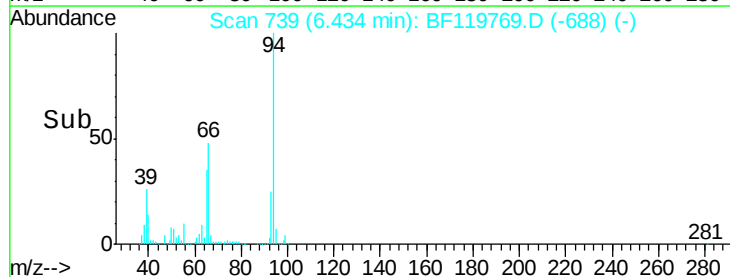
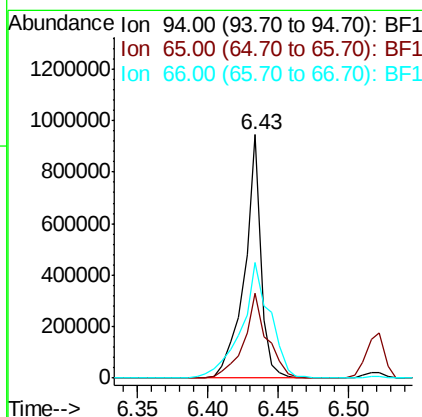
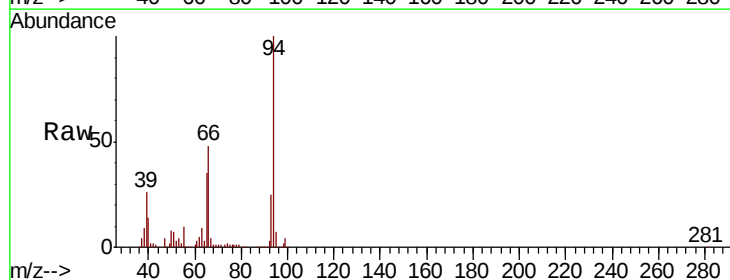
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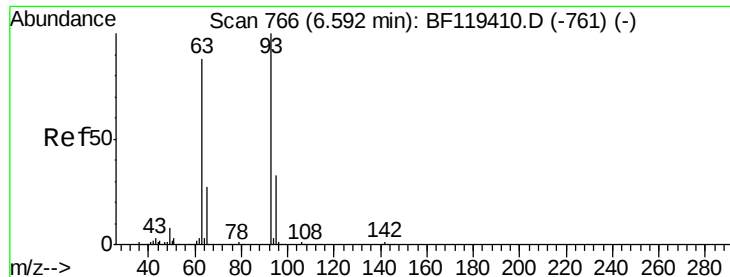
Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Tgt Ion:	94	Resp:	766750
Ion Ratio	Lower	Upper	
94	100		
65	35.1	13.2	53.2
66	47.6	22.3	62.3





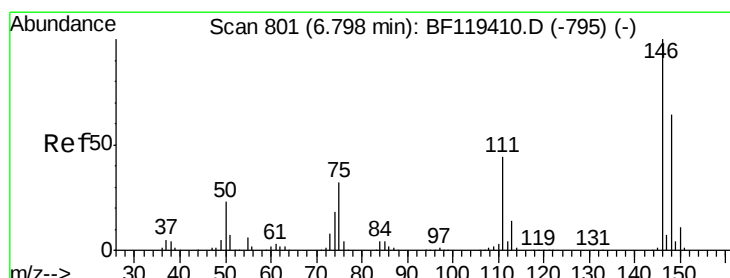
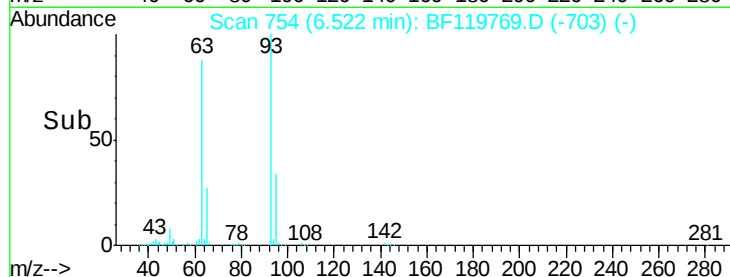
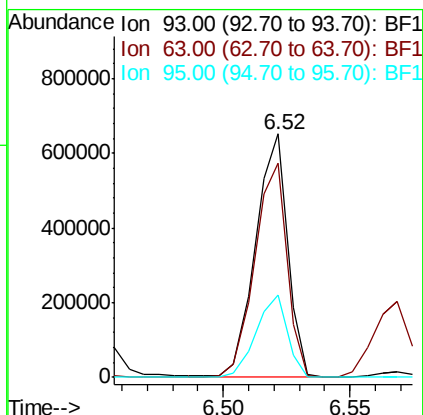
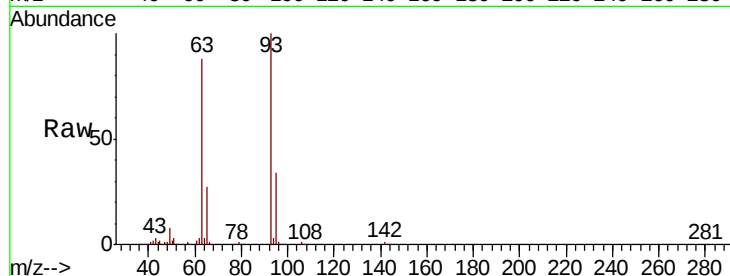
#11
bis(2-Chloroethyl)ether
Concen: 51.506 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.0	70.2	110.2
95	33.6	13.4	53.4

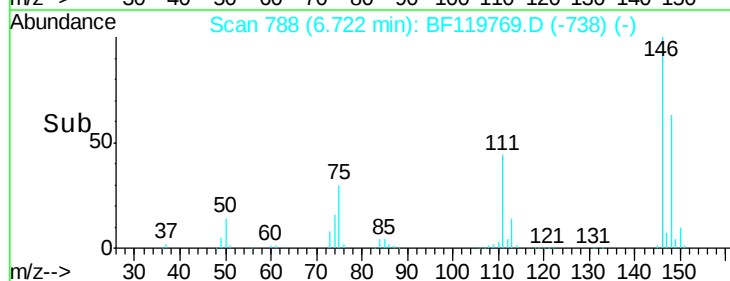
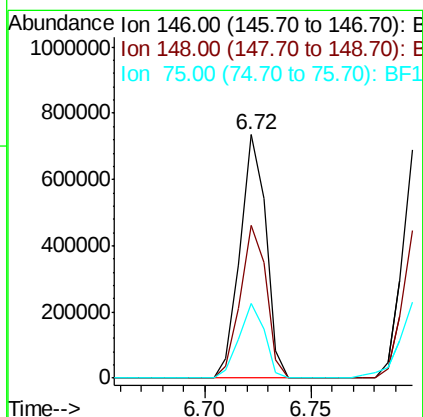
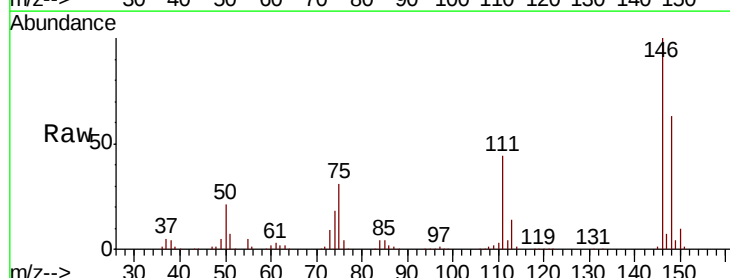
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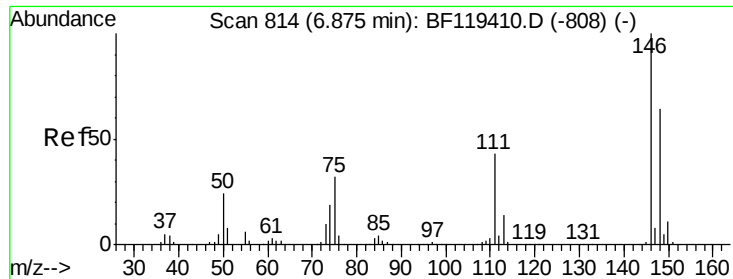
mohammad
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#12
1,3-Dichlorobenzene
Concen: 53.784 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.4
75	30.5	23.0	34.4





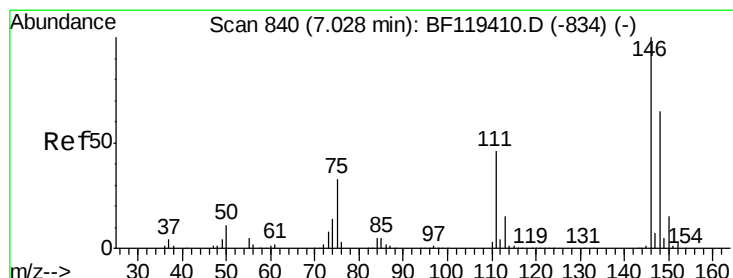
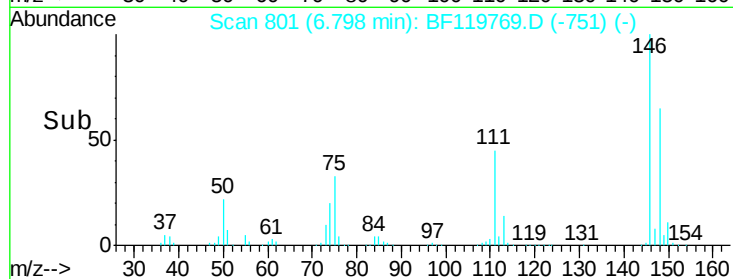
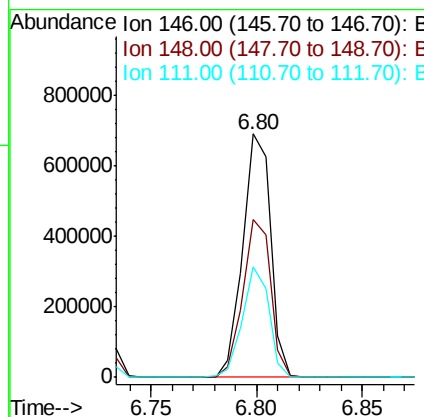
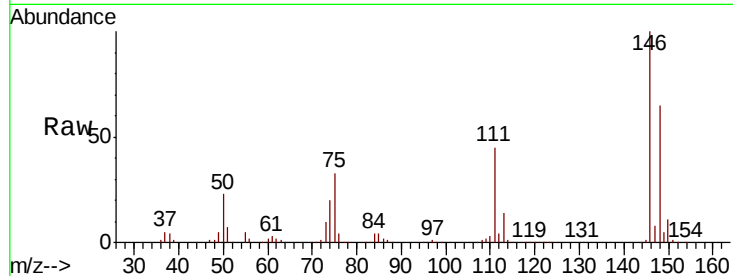
#13
 1,4-Dichlorobenzene
 Concen: 54.141 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	45.4	33.3	49.9

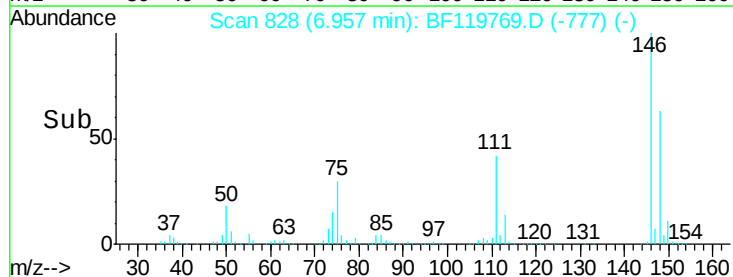
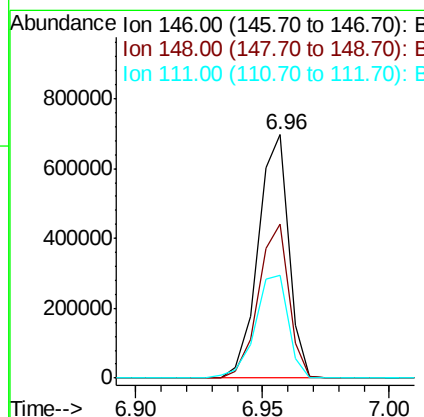
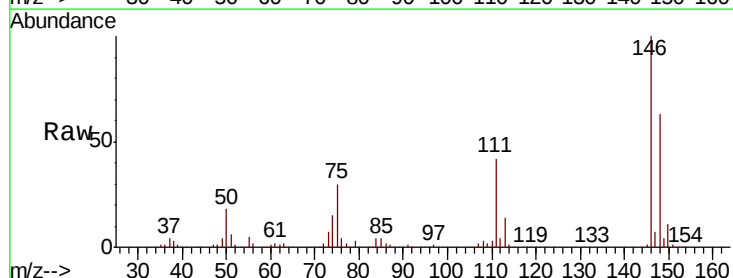
Manual Integrations
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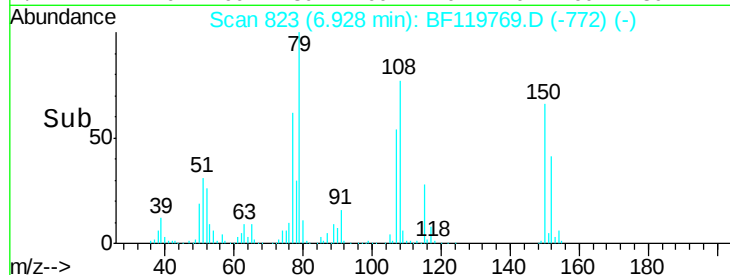
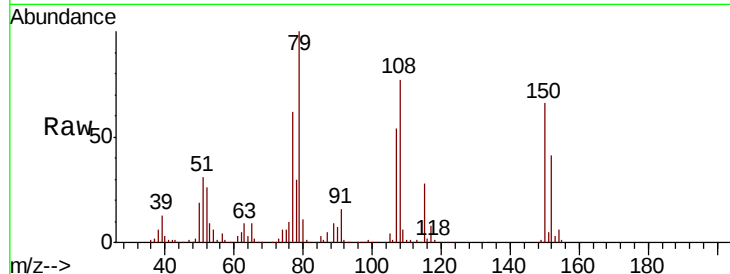
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 54.088 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	42.2	36.1	54.1





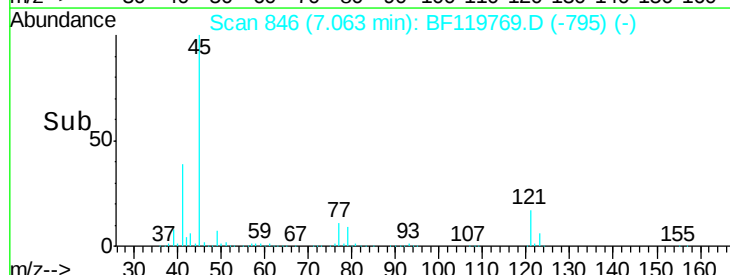
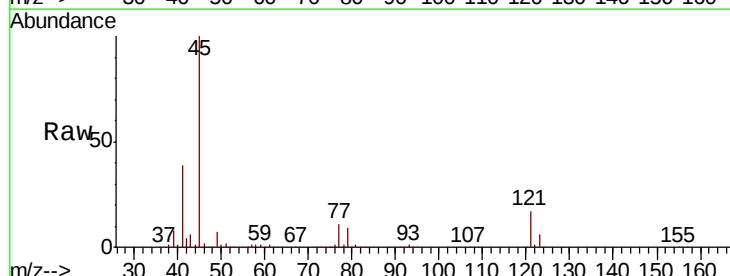
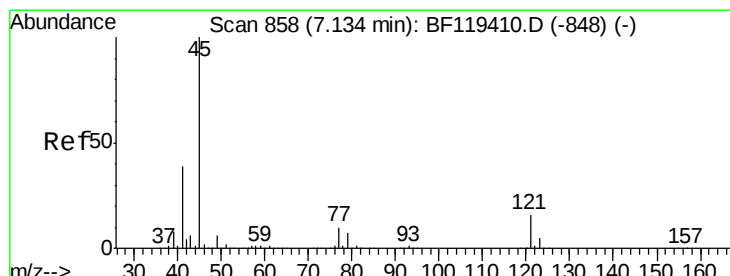
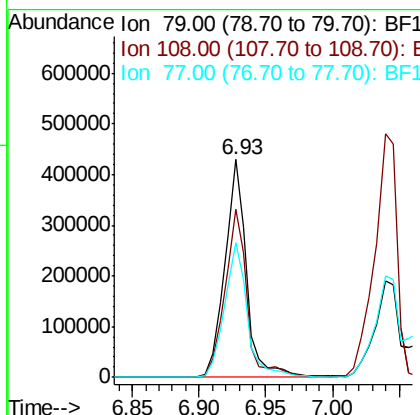
#15
Benzyl Alcohol
Concen: 50.555 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.4	60.6	90.8
77	62.2	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

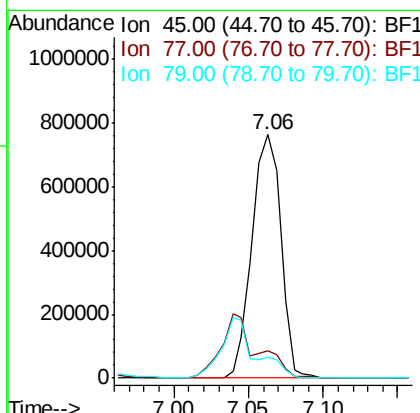
Manual Integrations
APPROVED

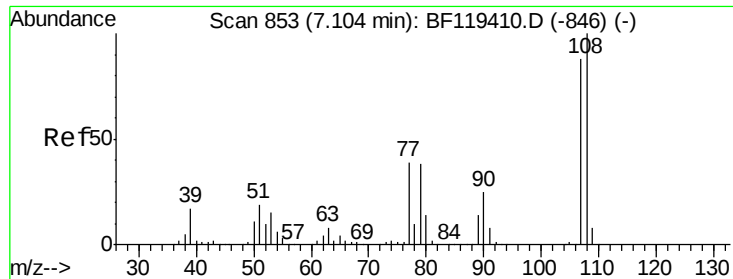
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.470 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	30.7
79	8.7	0.0	28.2





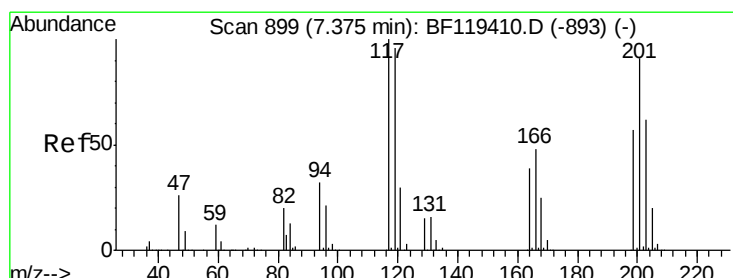
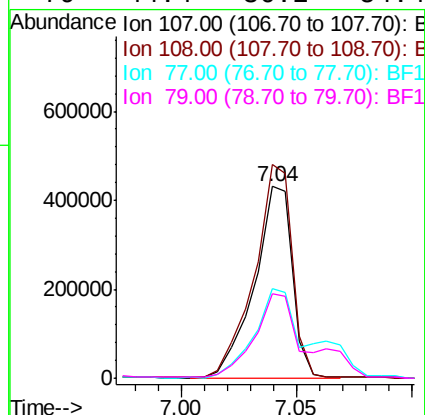
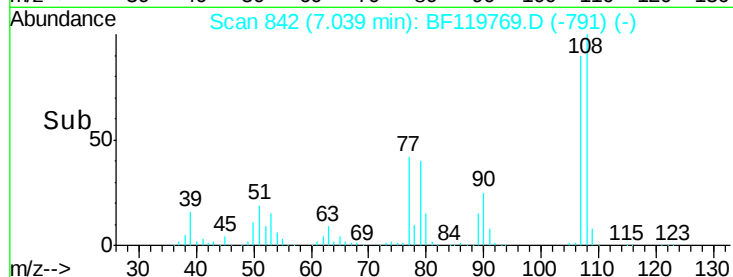
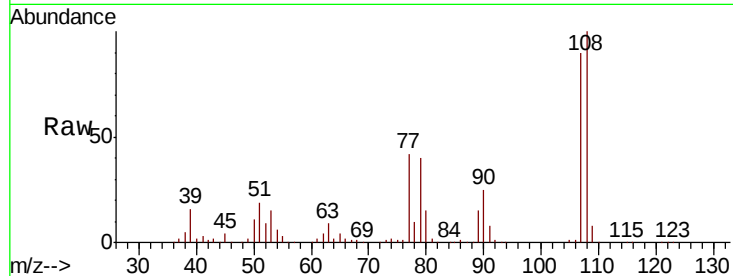
#17
2-Methylphenol
Concen: 50.387 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	495664		
108	108	111.6	92.2	138.4	
77	77	46.7	36.6	54.8	
79	79	44.4	36.2	54.4	

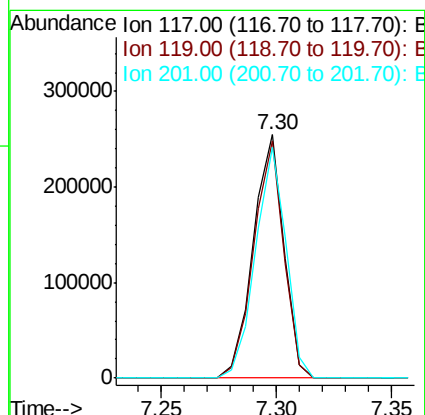
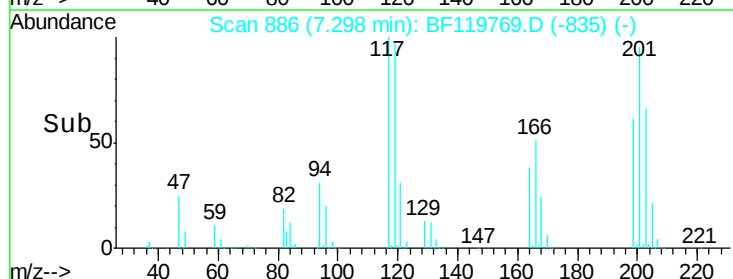
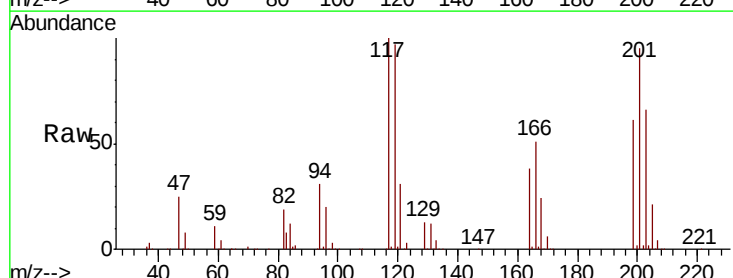
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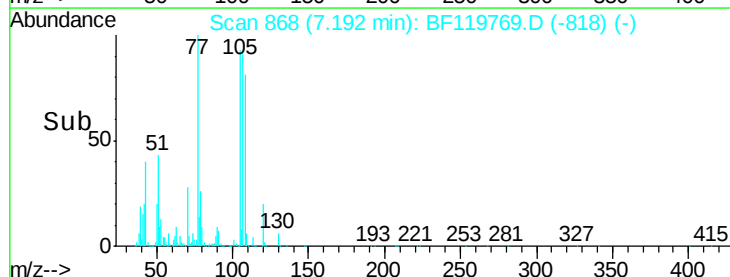
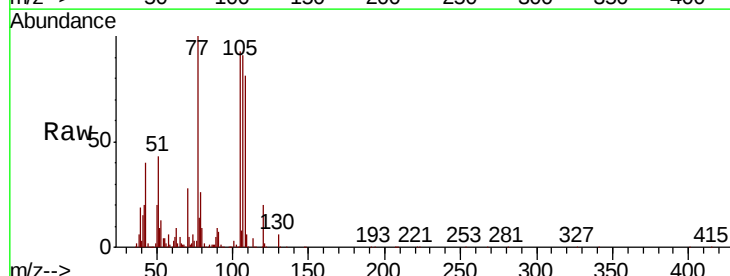
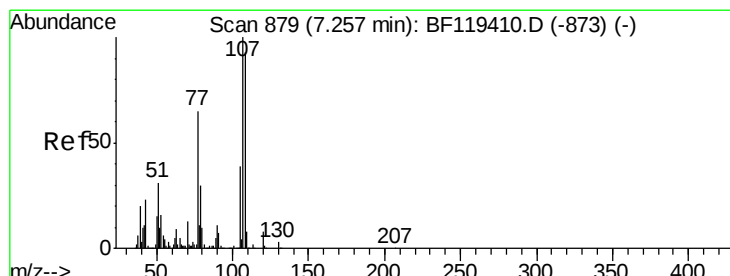
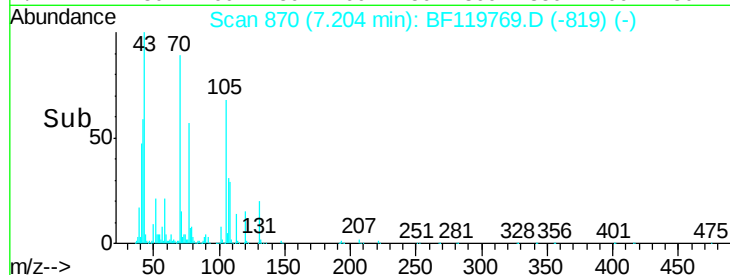
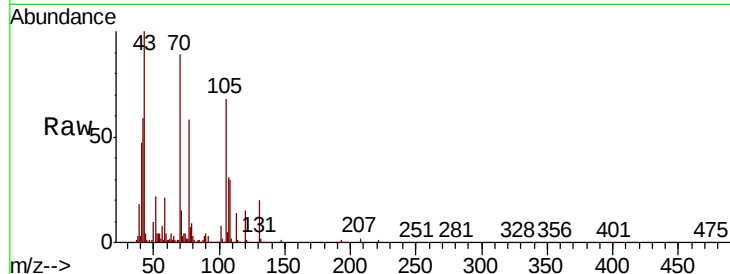
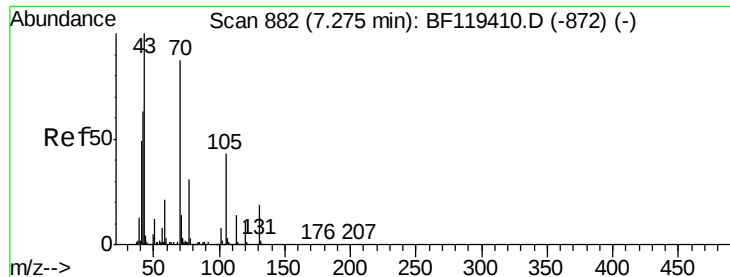
mohammad
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#18
Hexachloroethane
Concen: 55.312 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

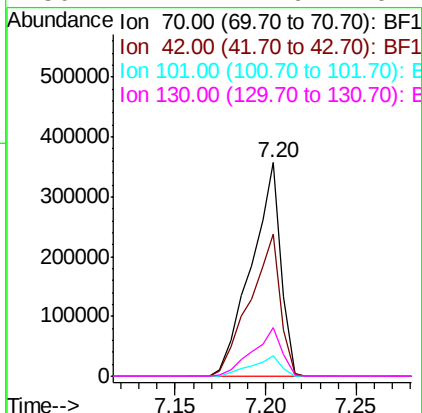
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	235601		
119	119	97.3	76.1	114.1	
201	201	94.9	73.0	109.6	





#19
n-Nitroso-di-n-propylamine
Concen: 51.472 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	66.3	54.5	81.7		
101	9.4	7.6	11.4		
130	22.7	17.6	26.4		



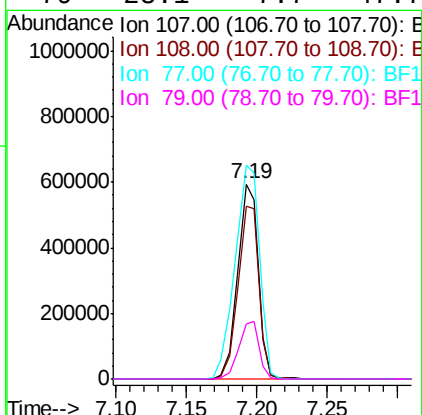
Instrument :
BNA_F
ClientSampleId :
PB128003BSD

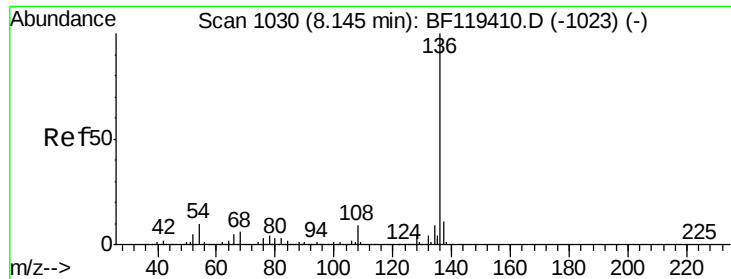
Manual Integrations
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#20
3+4-Methylphenols
Concen: 49.624 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.4	67.9	107.9		
77	109.5	52.9	92.9		
79	28.1	7.7	47.7		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Instrument :

BNA_F

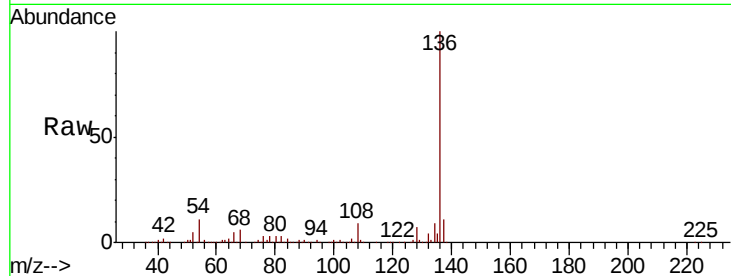
ClientSampleId :

PB128003BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	610202		
137	11.0	8.7	13.1	
54	10.8	9.1	13.7	
68	5.7	4.6	6.8	

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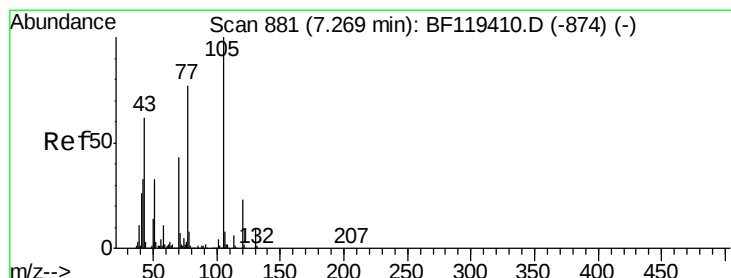
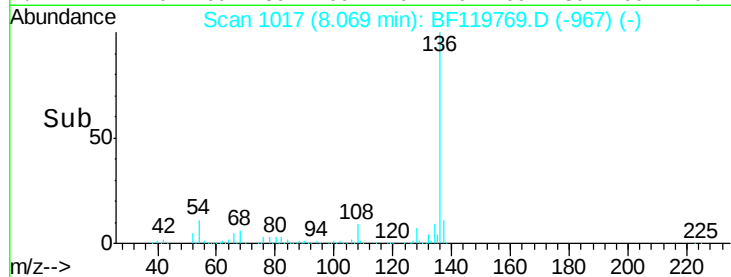
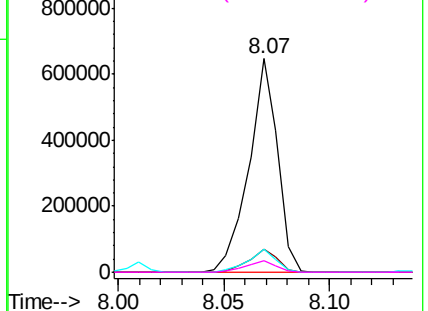


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 54.134 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

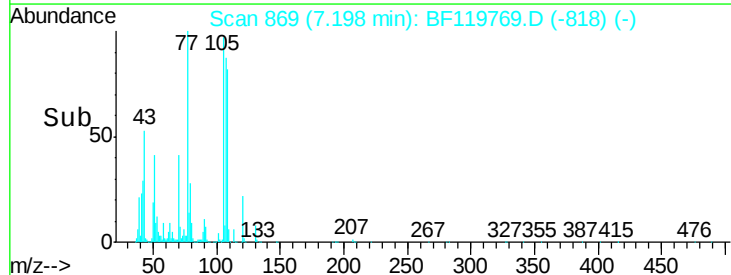
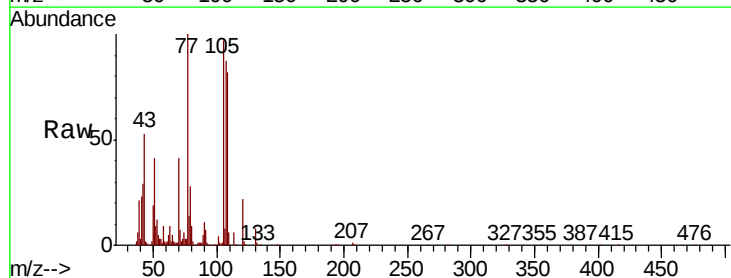
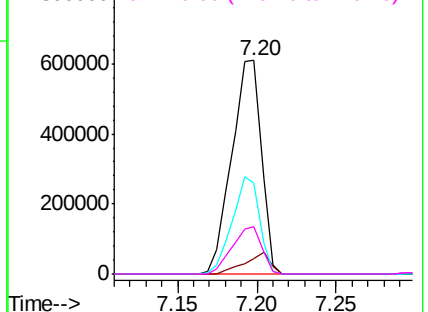
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	789309		
71	7.4	5.7	8.5	
51	42.4	26.2	39.4	
120	22.4	18.3	27.5	

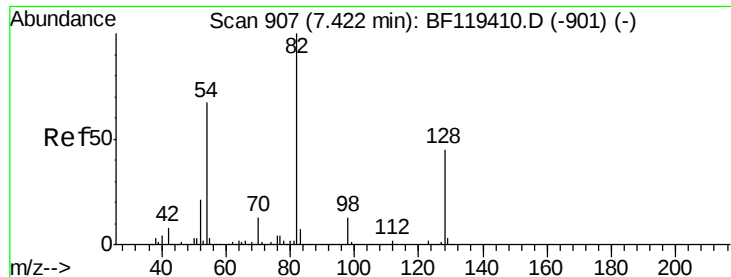
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





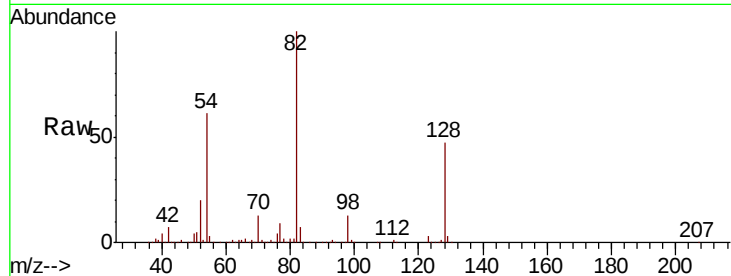
#23
 Nitrobenzene-d5
 Concen: 104.581 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Instrument :
 BNA_F
 ClientSampled :
 PB128003BSD

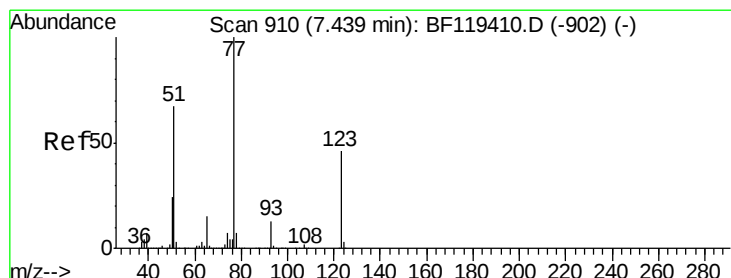
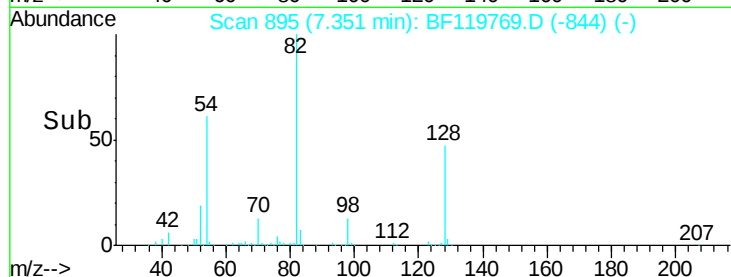
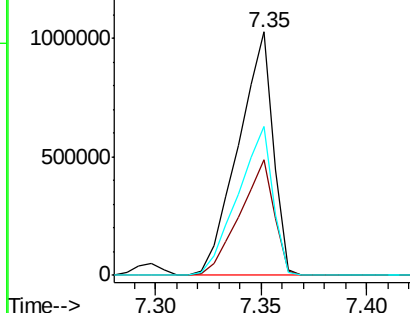
Tot Ion	82	Resp	1174201
Ion Ratio	100	Lower	Upper
128	47.3	36.3	54.5
54	60.9	50.6	75.8

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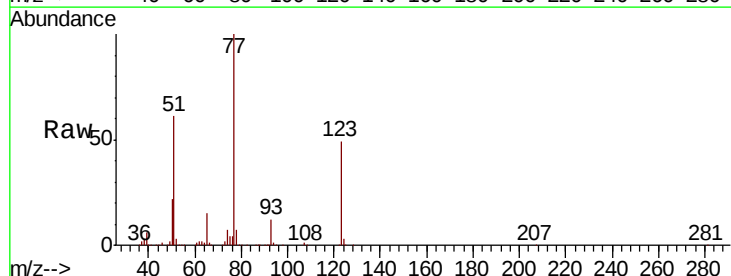


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

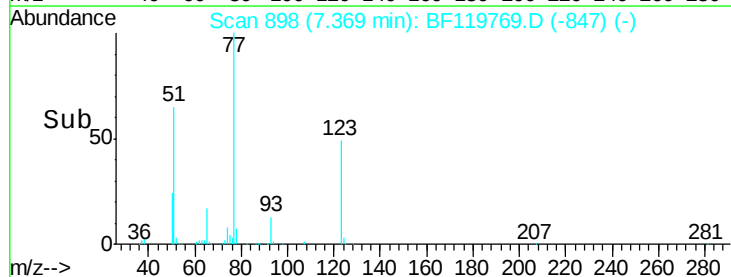
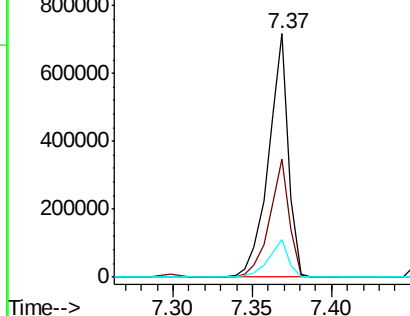


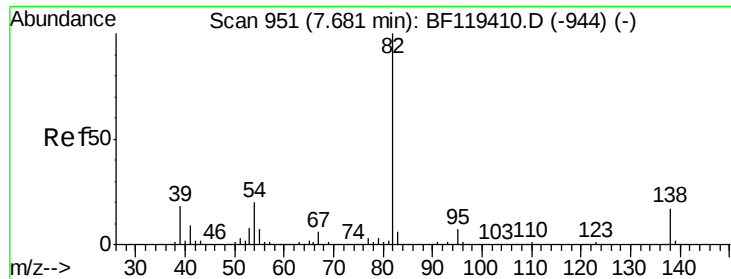
#24
 Nitrobenzene
 Concen: 52.408 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Tgt Ion	77	Resp	628845
Ion Ratio	100	Lower	Upper
123	48.7	38.0	57.0
65	15.5	12.6	18.8



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





#25

Isophorone

Concen: 49.475 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

Tot Ion: 82 Resp: 1126824

Ion Ratio Lower Upper

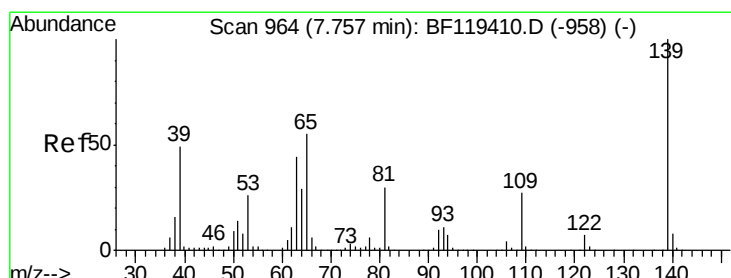
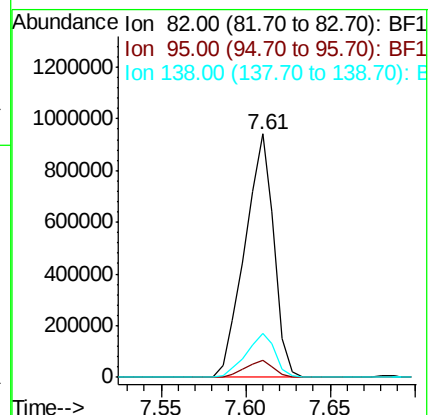
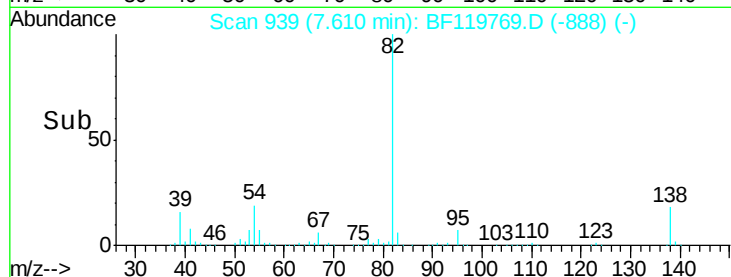
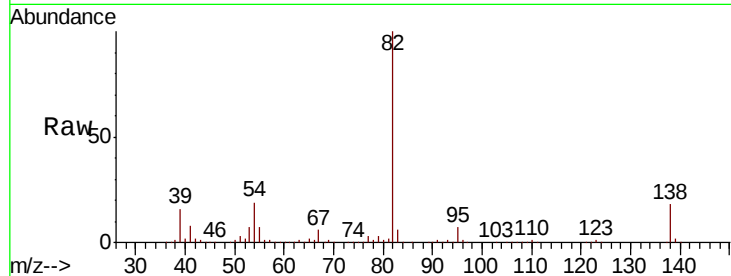
82 100

95 7.0 5.8 8.6

138 18.0 14.6 21.8

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#26

2-Nitrophenol

Concen: 69.262 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

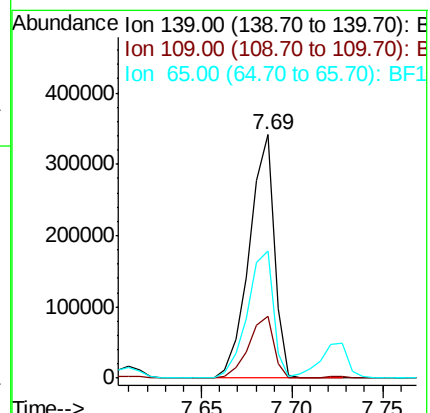
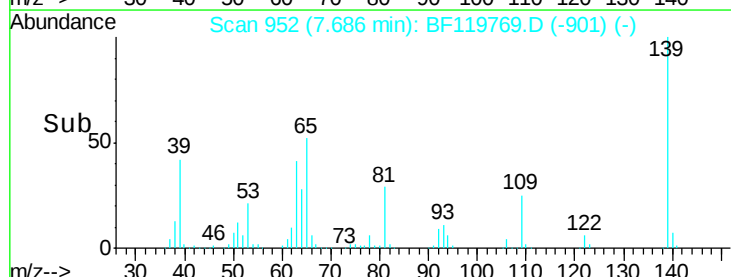
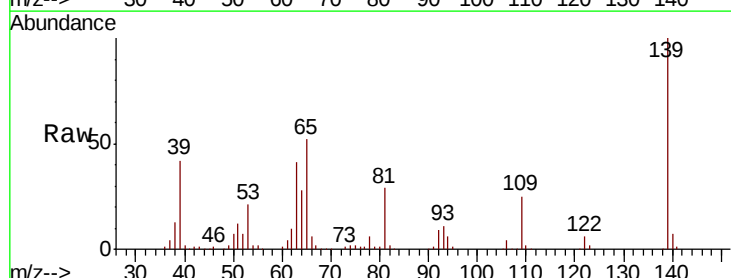
Tgt Ion: 139 Resp: 327225

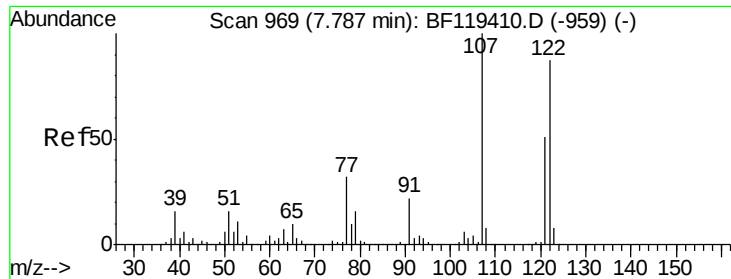
Ion Ratio Lower Upper

139 100

109 25.2 22.1 33.1

65 52.1 49.2 73.8





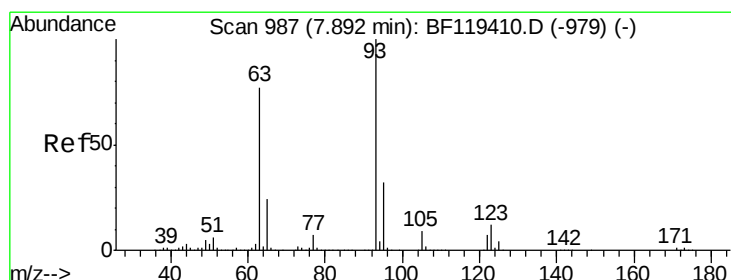
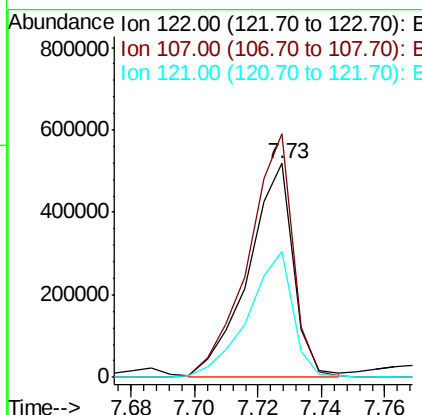
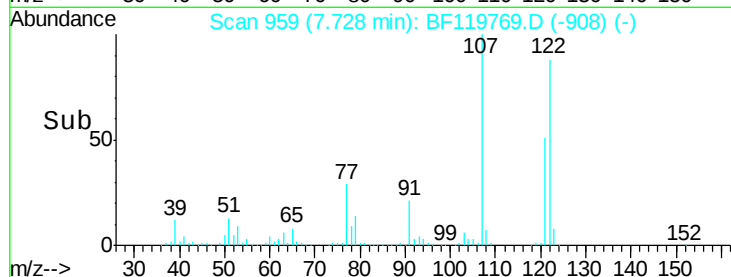
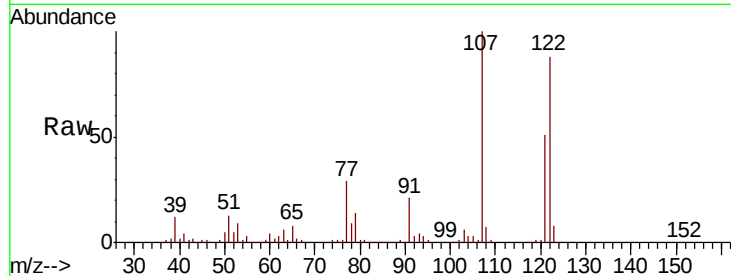
#27
2,4-Dimethylphenol
Concen: 52.537 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	89.0	133.6
121	58.7	46.7	70.1

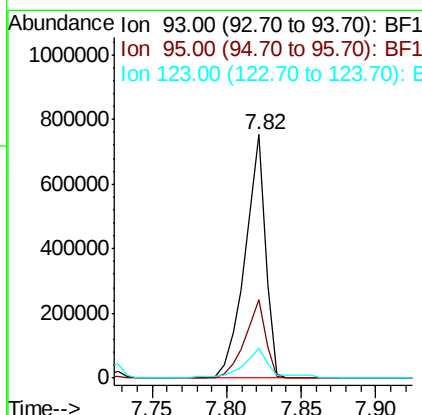
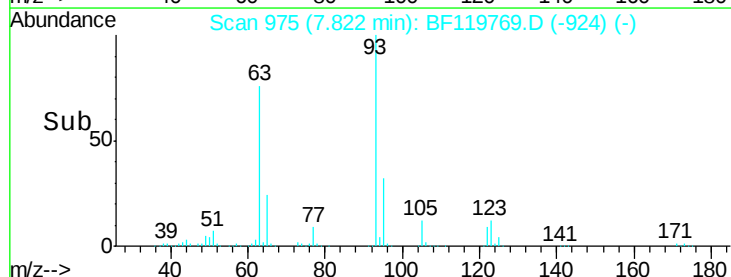
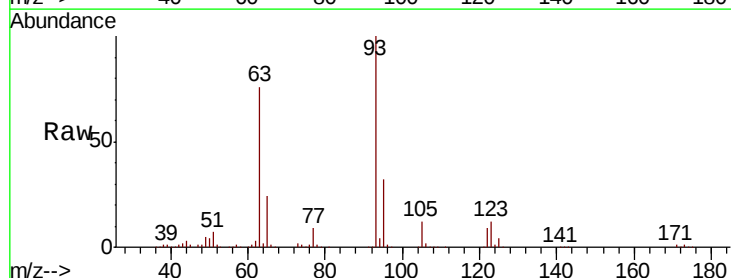
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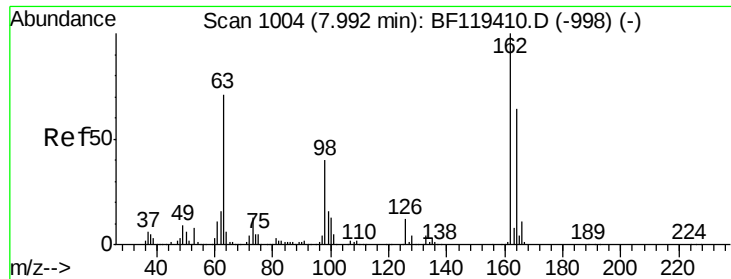
mohammad
4/8/2020 8:12:20 AM



#28
bis(2-Chloroethoxy)methane
Concen: 53.138 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	12.0	9.7	14.5





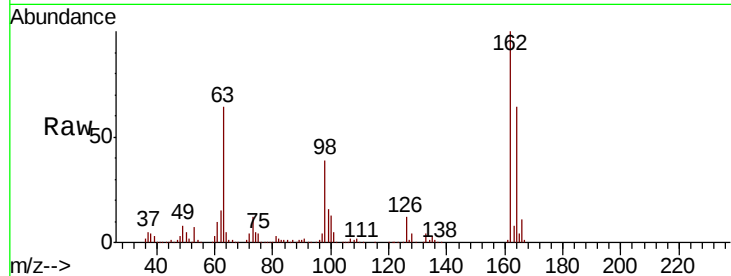
#29
 2,4-Dichlorophenol
 Concen: 55.526 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	498410		
164	63.8	44.7	84.7	
98	38.8	20.7	60.7	

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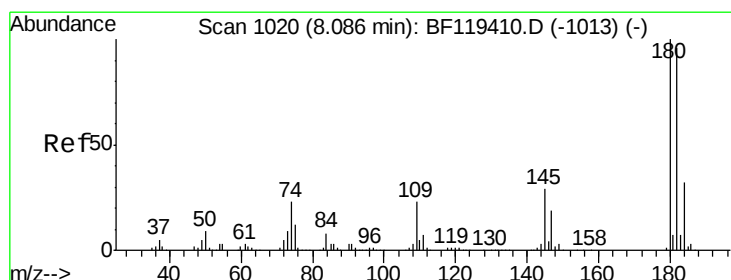
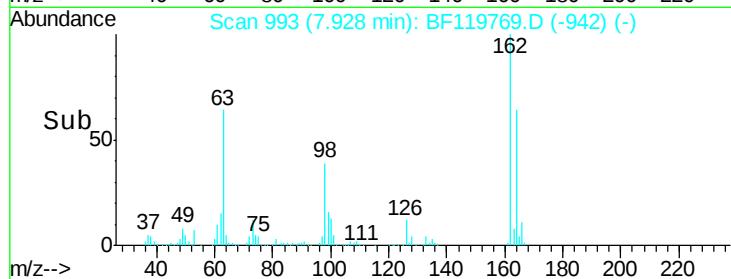
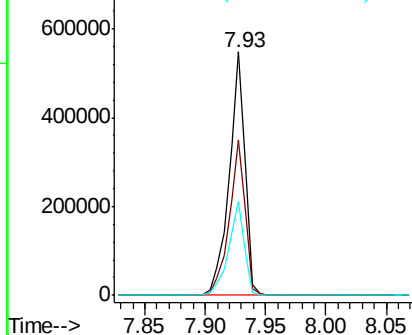


Abundance

Ion 162.00 (161.70 to 162.70): E

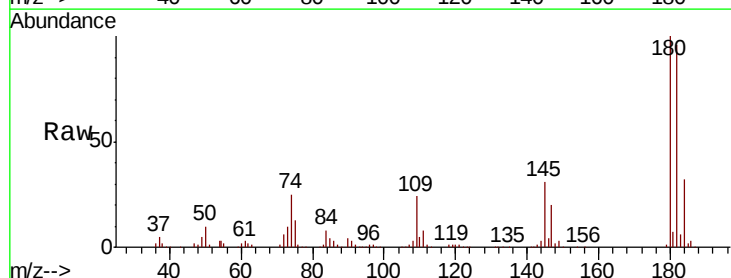
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 54.727 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	543256		
182	95.6	74.7	112.1	
145	30.8	24.5	36.7	

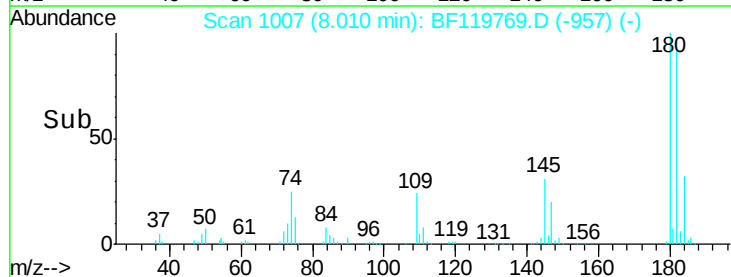
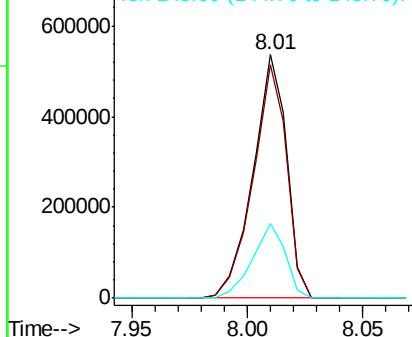


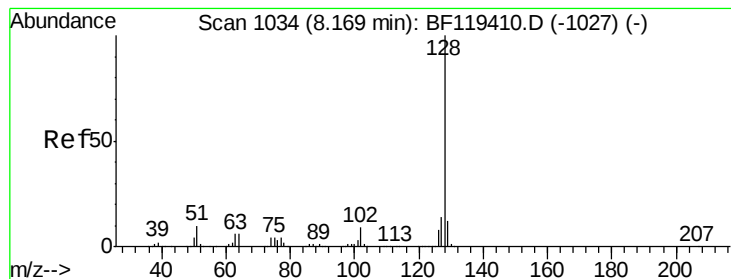
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 55.016 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Instrument :

BNA_F

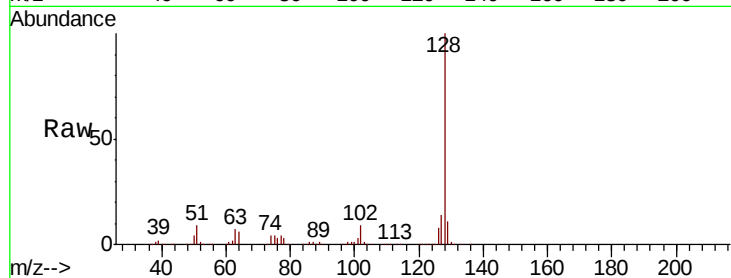
ClientSampleId :

PB128003BSD

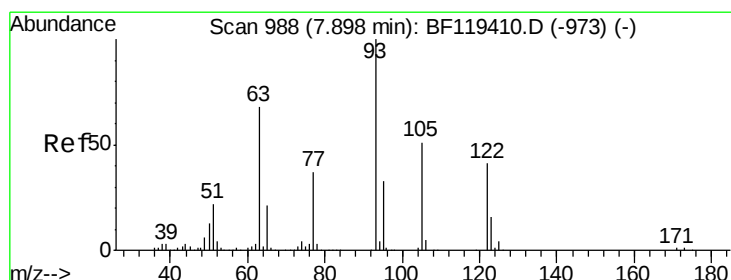
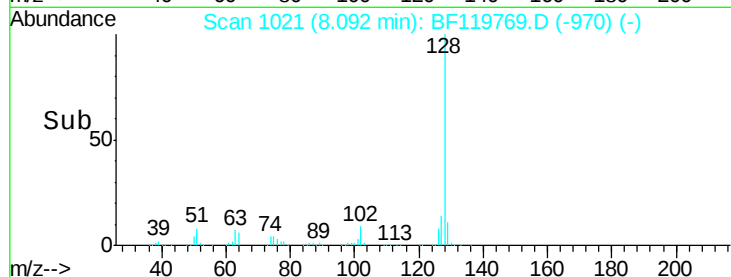
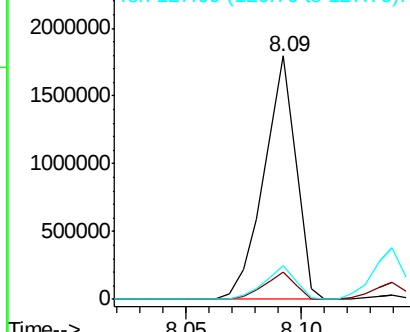
Tot Ion:	128	Resp:	1727602
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.6	11.3	16.9

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



#32

Benzoic acid

Concen: 65.991 ng

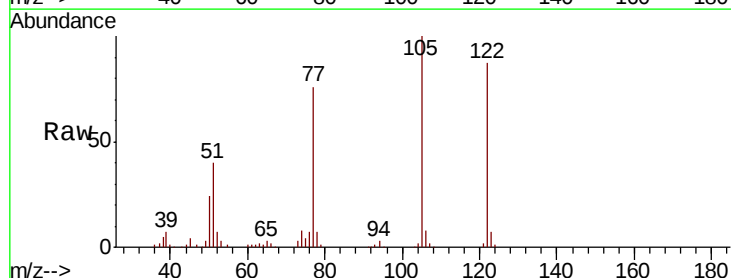
RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

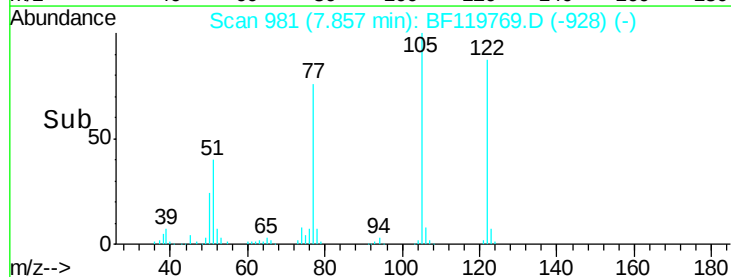
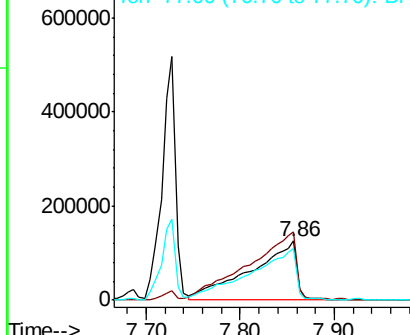
Lab File: BF119769.D

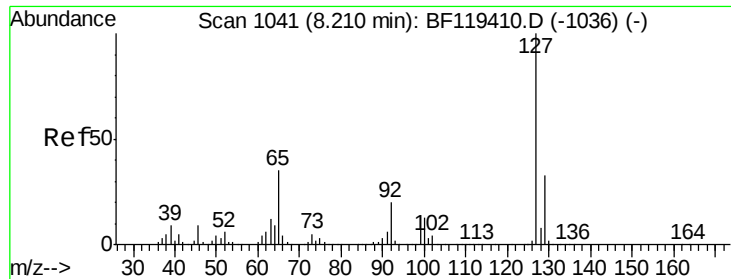
Acq: 6 Apr 2020 14:04

Tgt Ion:	122	Resp:	414685
Ion	Ratio	Lower	Upper
122	100		
105	115.1	104.9	144.9
77	87.5	74.4	114.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





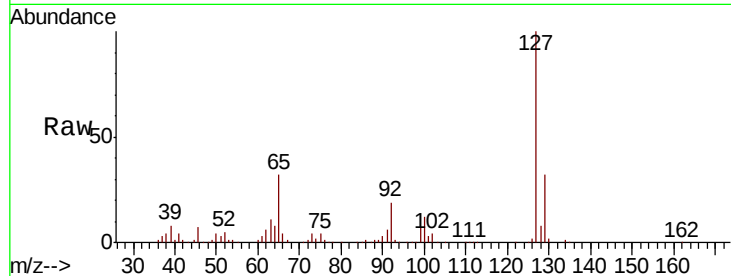
#33
4-Chloroaniline
Concen: 25.766 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

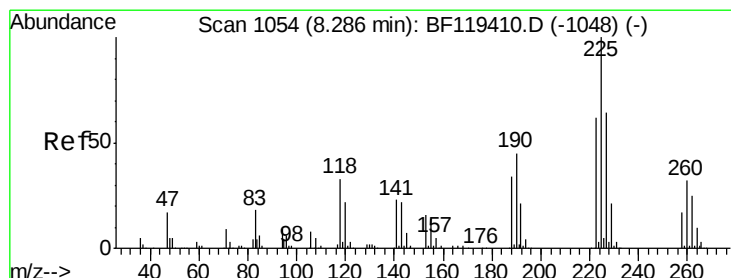
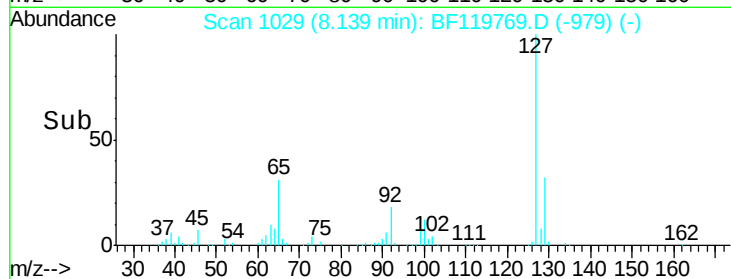
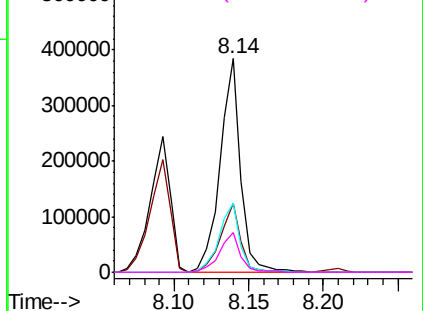
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.2	39.4		
65	32.4	27.4	41.0		
92	18.6	15.3	22.9		

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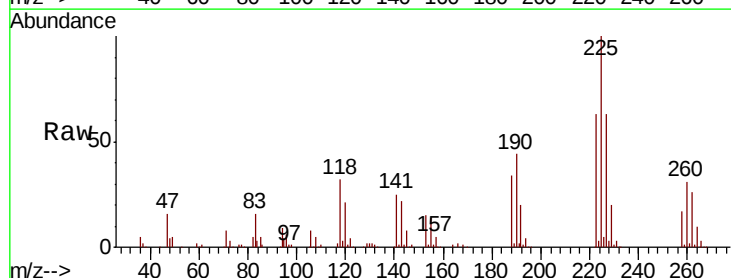


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

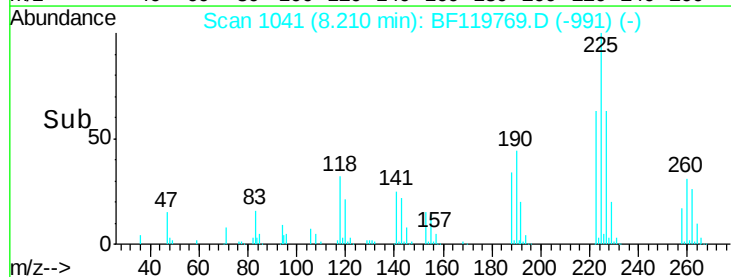
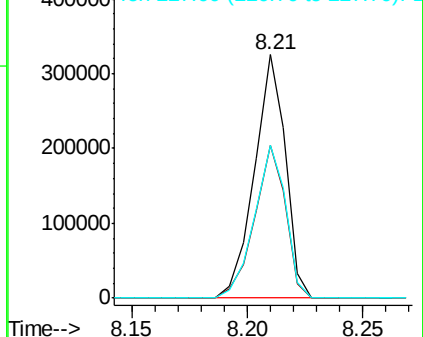


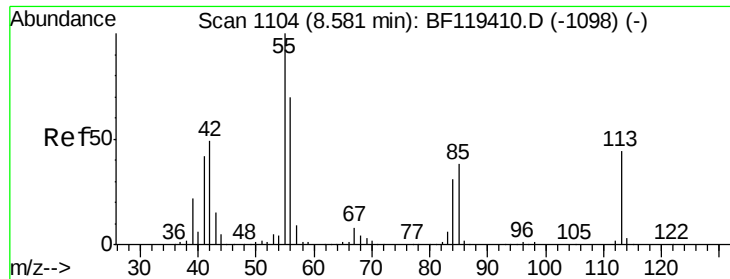
#34
Hexachlorobutadiene
Concen: 55.061 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	51.0	76.6		
227	62.9	50.7	76.1		



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





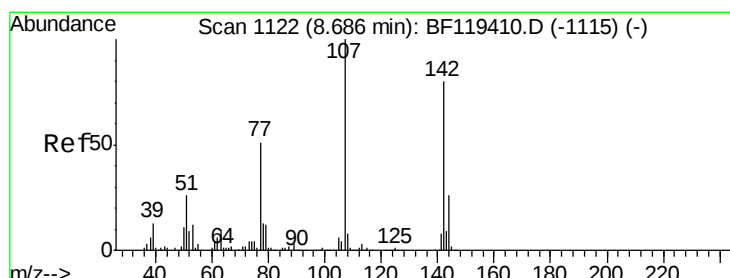
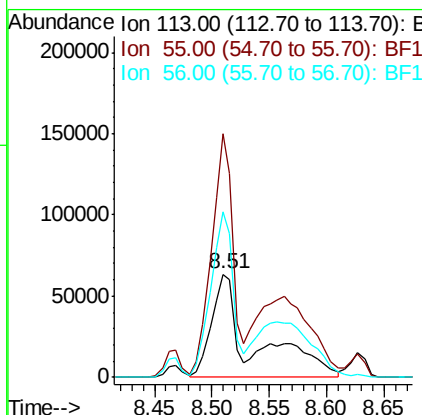
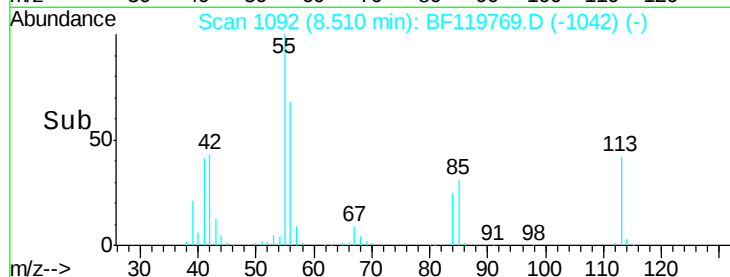
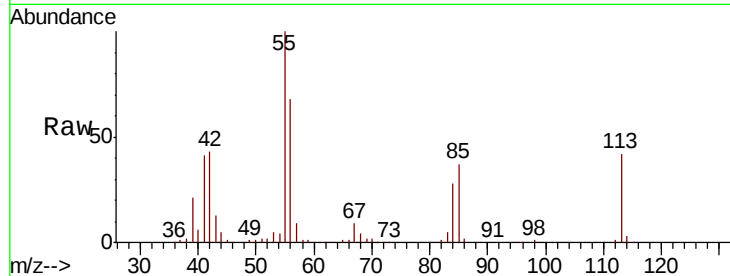
#35
Caprolactam
Concen: 53.687 ng/ml
RT: 8.51 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	235.8	218.4	258.4
56	160.2	148.9	188.9

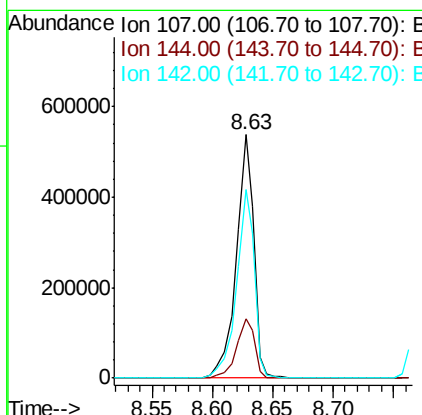
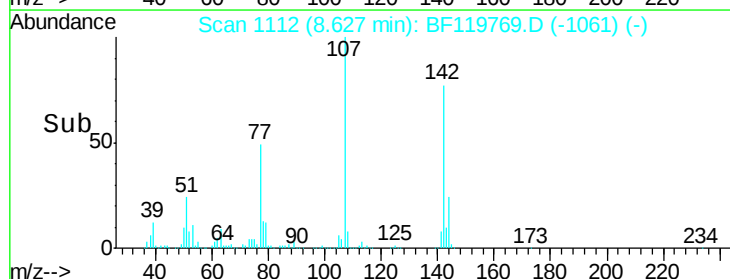
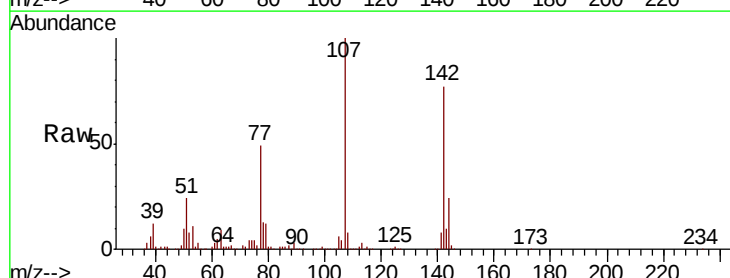
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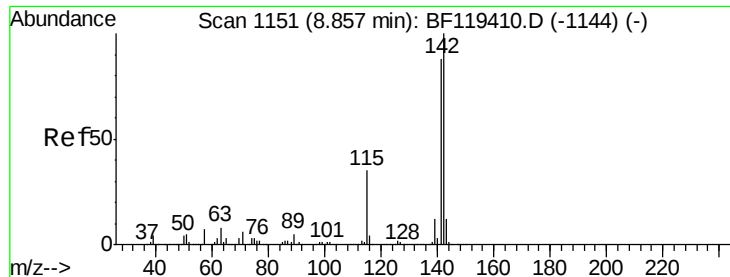
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 55.550 ng/ml
RT: 8.63 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	21.0	31.6
142	77.2	64.4	96.6





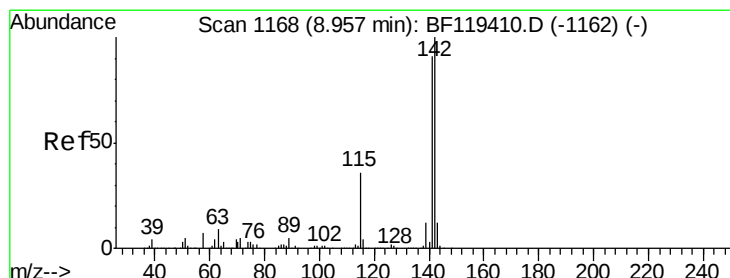
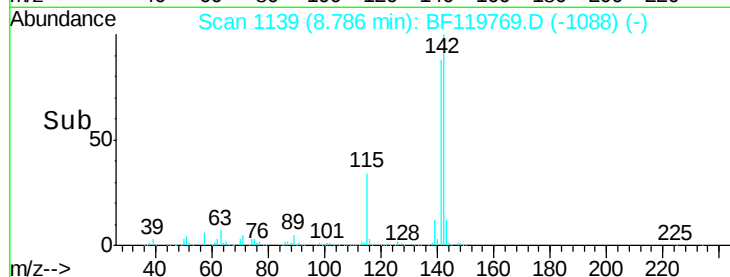
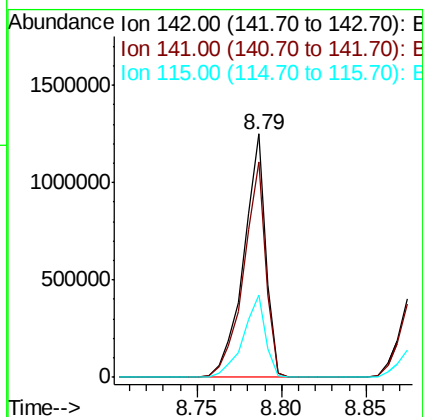
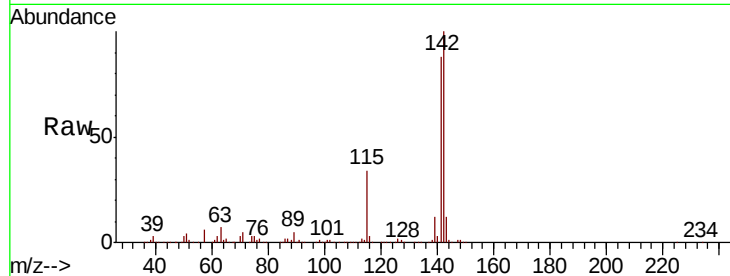
#37
2-Methylnaphthalene
Concen: 55.368 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion:142 Resp: 1141062
Ion Ratio Lower Upper
142 100
141 88.5 71.7 107.5
115 33.7 27.9 41.9

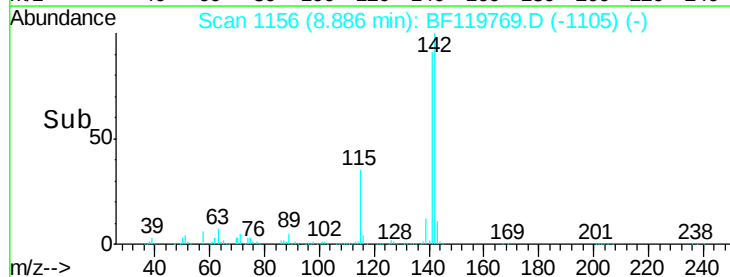
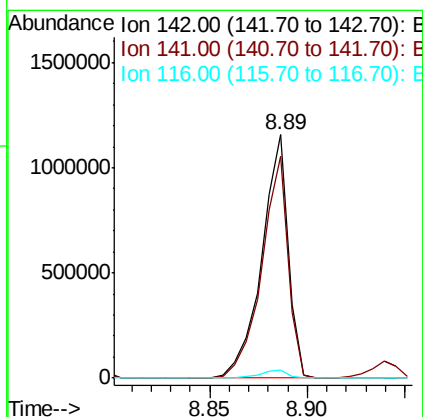
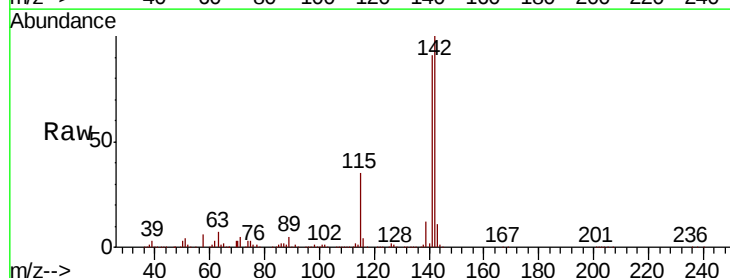
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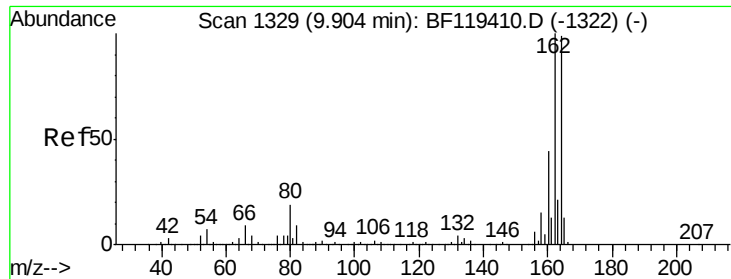
mohammad
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#38
1-Methylnaphthalene
Concen: 55.553 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion:142 Resp: 1083649
Ion Ratio Lower Upper
142 100
141 91.1 73.7 110.5
116 3.6 3.0 4.6





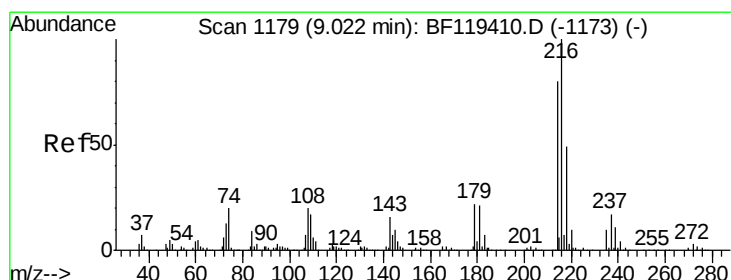
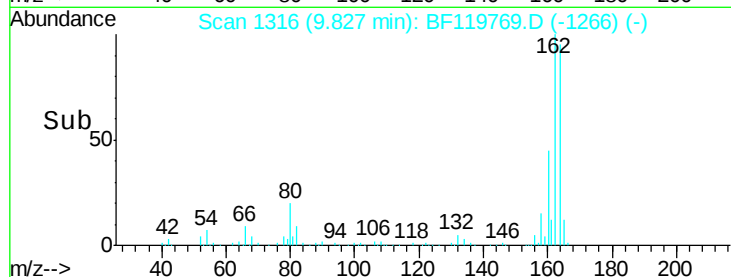
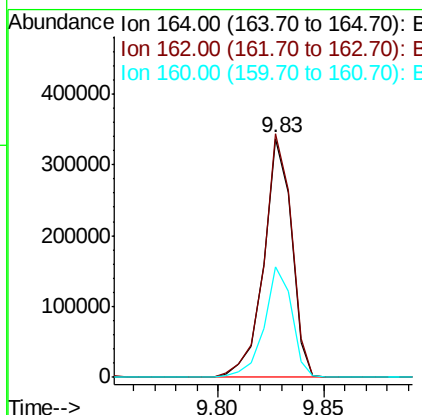
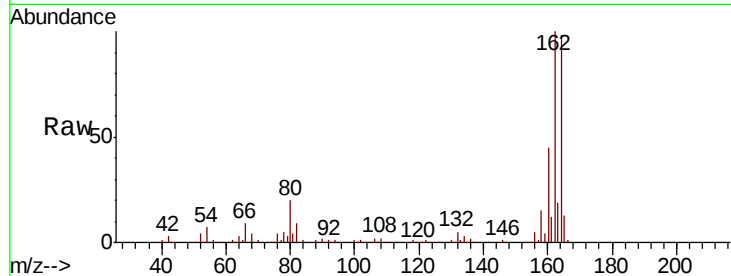
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	80.6	121.0	
160	46.1	35.7	53.5	

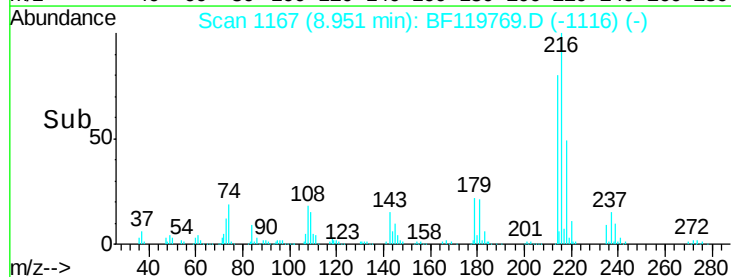
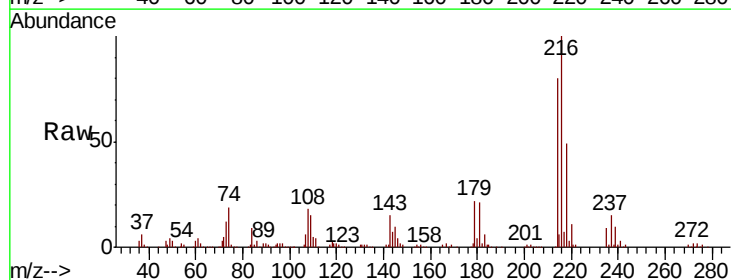
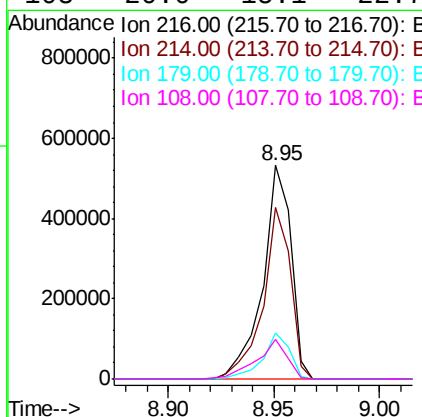
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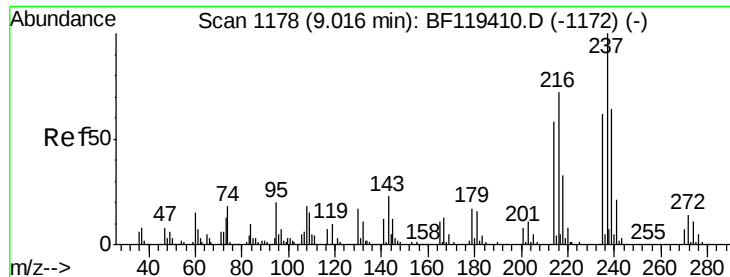
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.854 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.3	63.2	94.8	
179	20.8	17.1	25.7	
108	20.0	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 121.267 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Instrument :

BNA_F

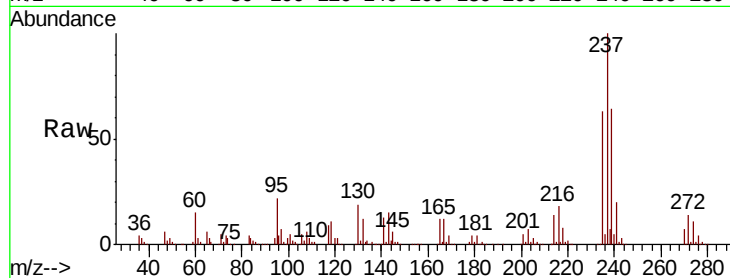
ClientSampleId :

PB128003BSD

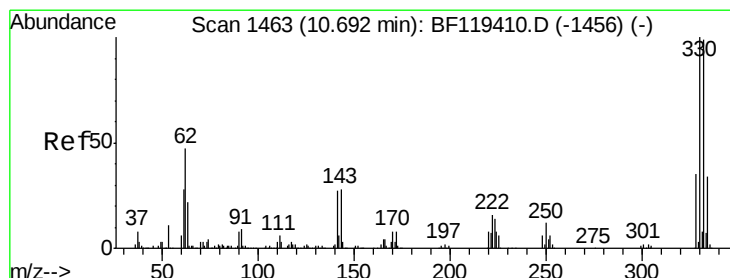
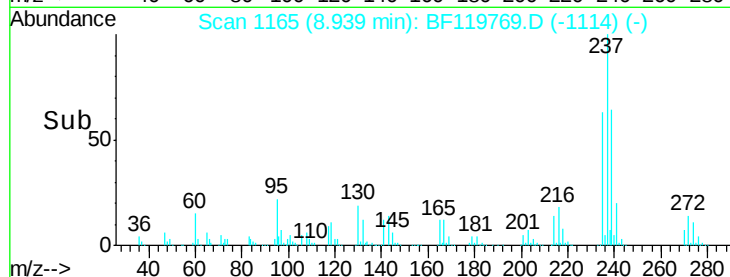
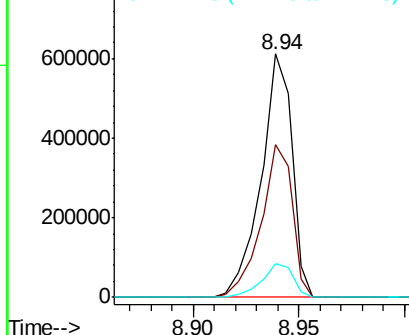
Tot Ion:	237	Resp:	625136
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.2	83.2
272	14.1	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 171.576 ng

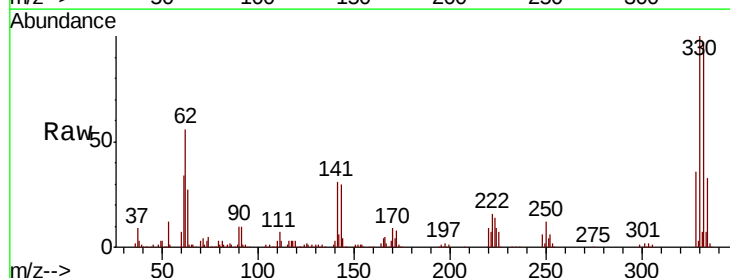
RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

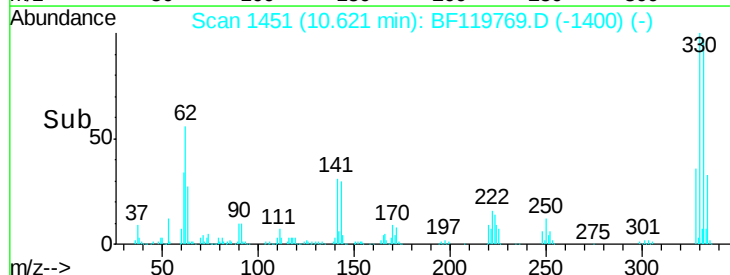
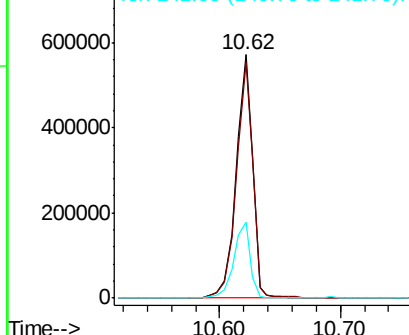
Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Tgt Ion:	330	Resp:	547596
Ion Ratio	Lower	Upper	
330	100		
332	96.9	75.7	113.5
141	31.1	25.4	38.0



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





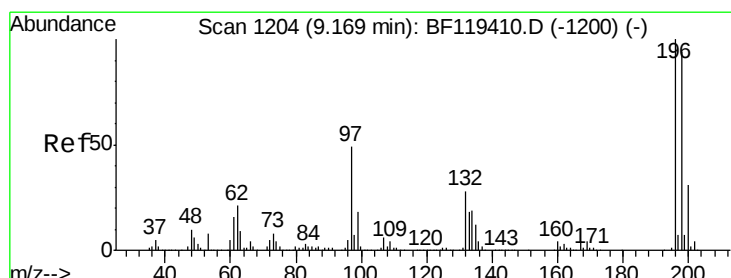
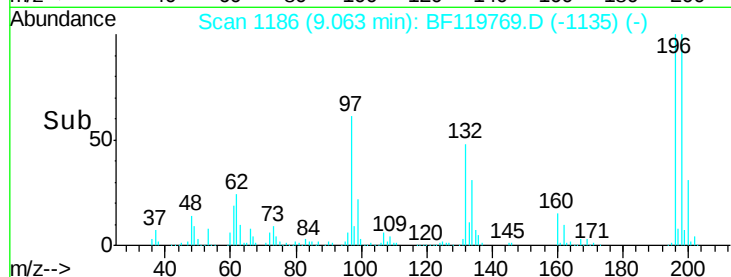
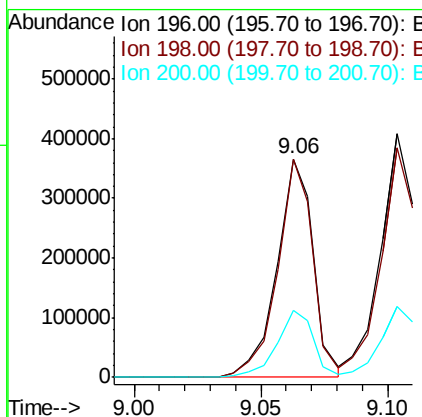
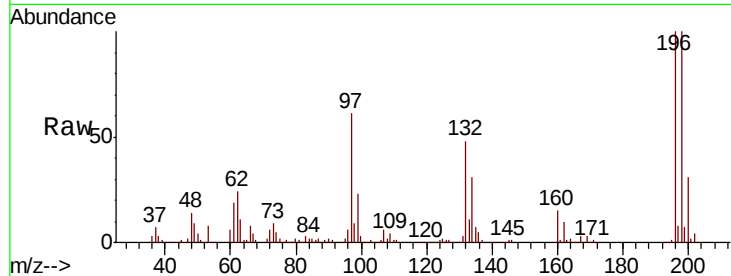
#43
 2,4,6-Trichlorophenol
 Concen: 56.473 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion:	196	Resp:	366453
Ion Ratio	Lower	Upper	
196	100		
198	99.7	76.6	115.0
200	30.6	24.6	36.8

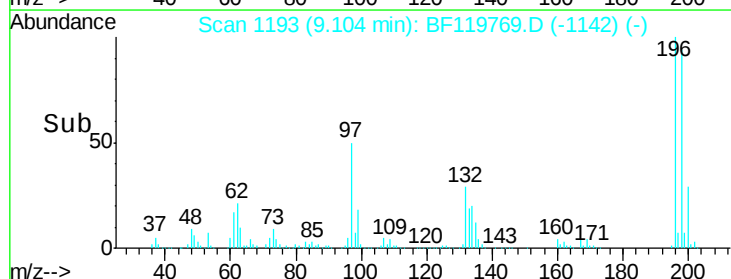
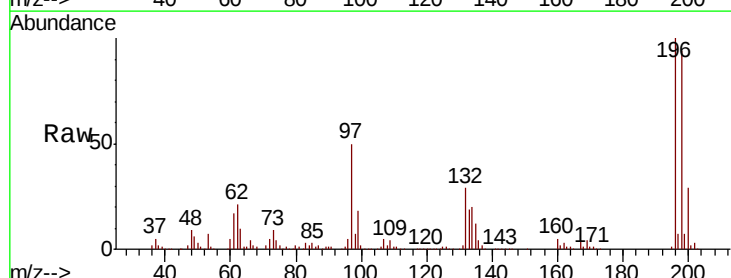
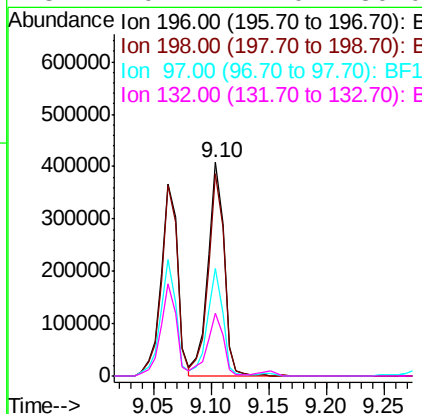
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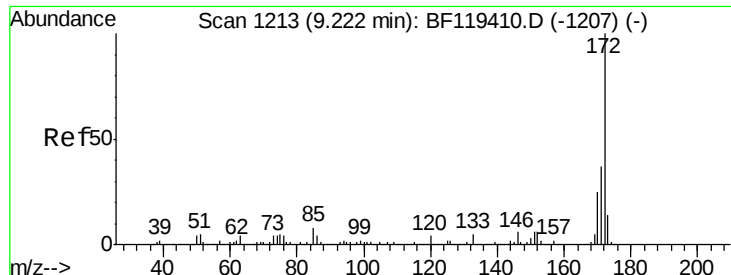
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#44
 2,4,5-Trichlorophenol
 Concen: 55.051 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Tgt Ion:	196	Resp:	400176
Ion Ratio	Lower	Upper	
196	100		
198	94.5	73.8	110.8
97	50.5	42.6	63.8
132	29.2	24.0	36.0





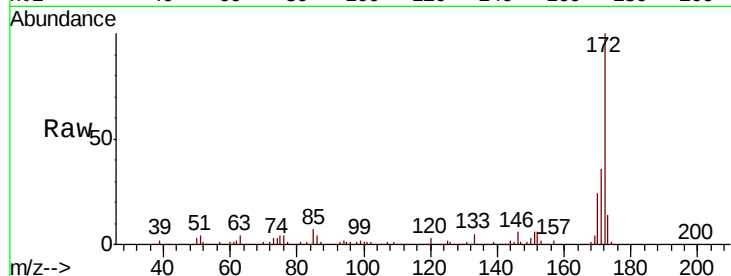
#45
2-Fluorobiphenyl
Concen: 105.263 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.4	20.2	30.2

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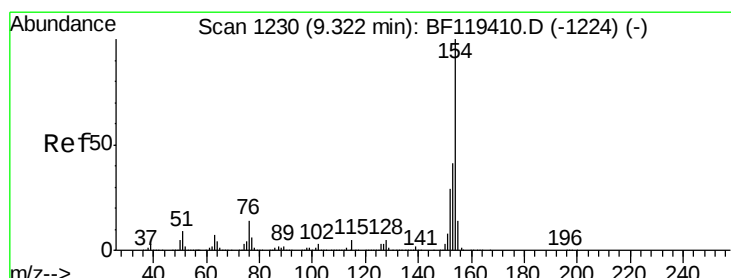
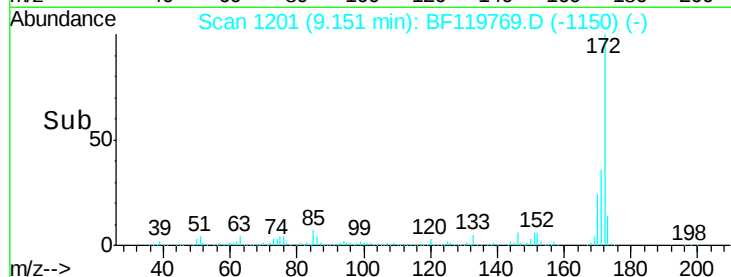
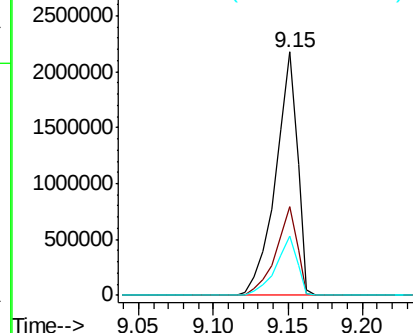


Abundance

Ion 172.00 (171.70 to 172.70): E

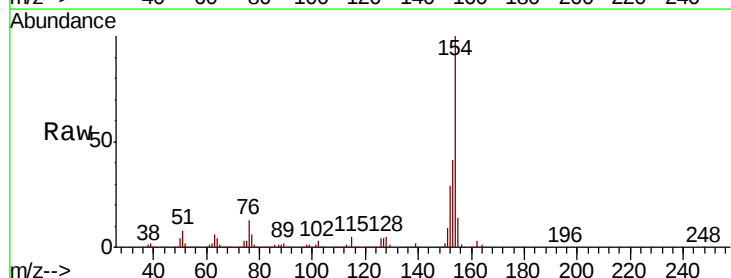
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 53.949 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	12.8	0.0	33.0

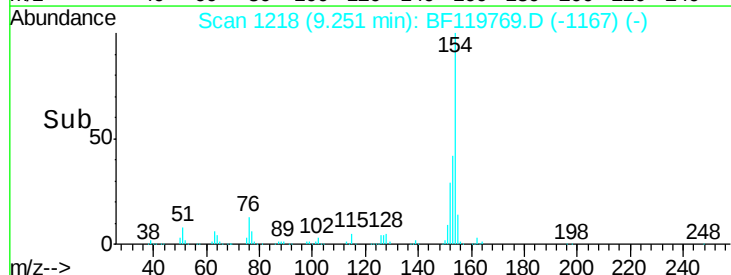
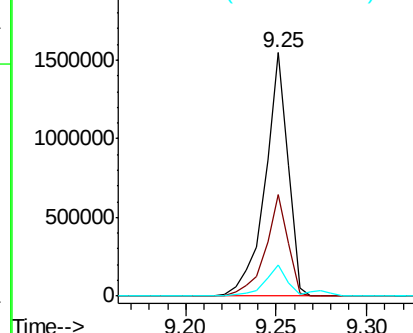


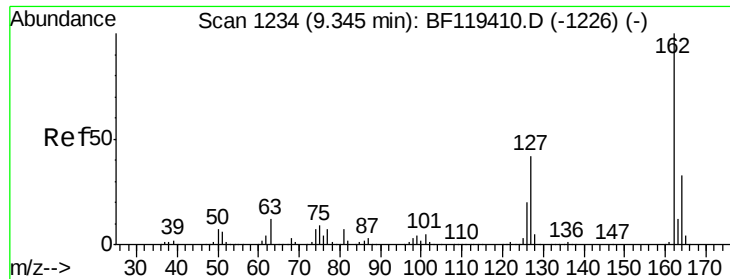
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





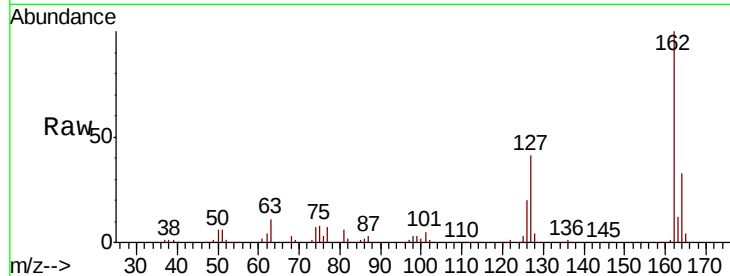
#47
 2-Chloronaphthalene
 Concen: 54.500 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

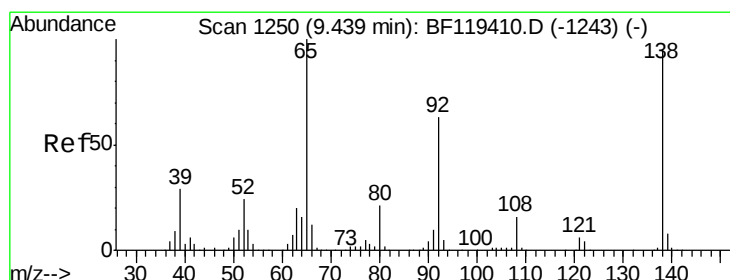
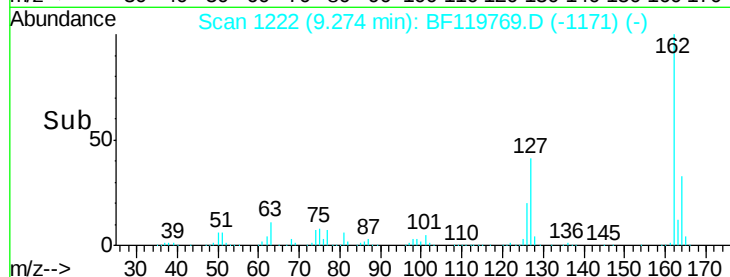
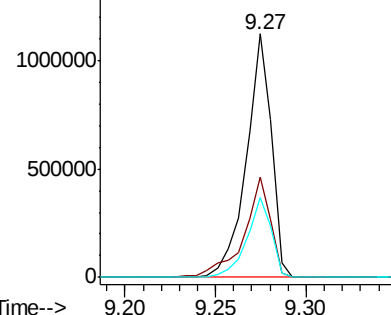
Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	41.1	33.7	50.5	
164	33.0	26.3	39.5	

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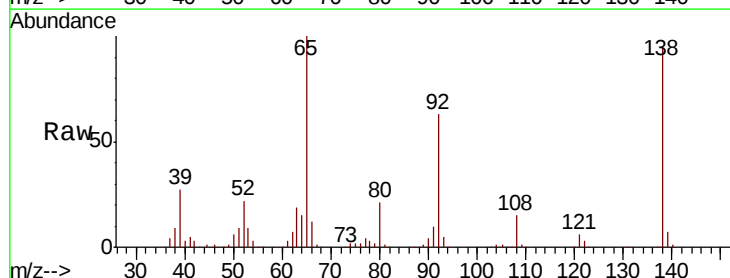


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

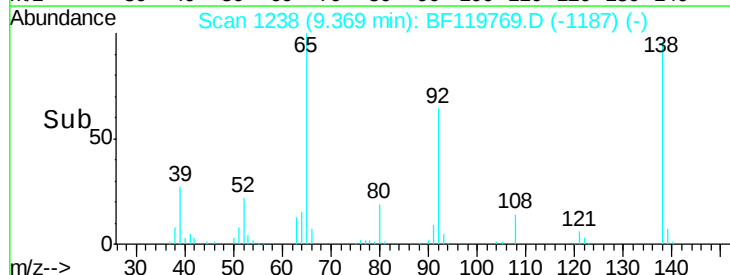
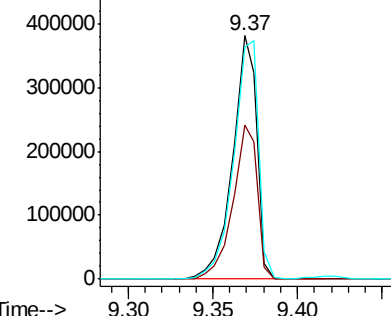


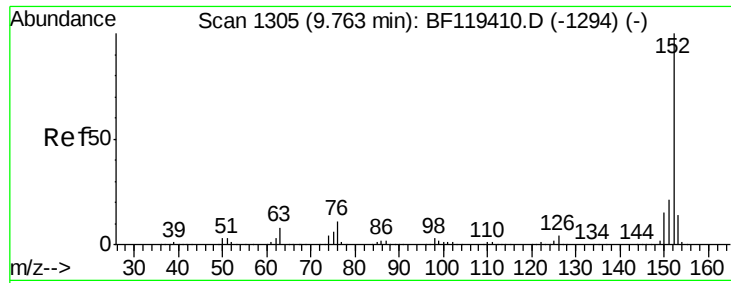
#48
 2-Nitroaniline
 Concen: 56.081 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	63.5	50.0	75.0	
138	95.4	75.0	112.4	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 500000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 54.407 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

Tot Ion:152 Resp: 1686245

Ion Ratio Lower Upper

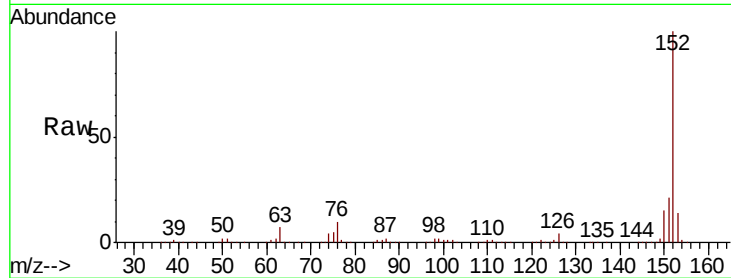
152 100

151 20.6 17.2 25.8

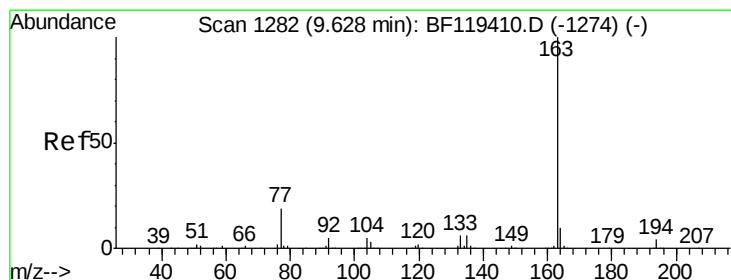
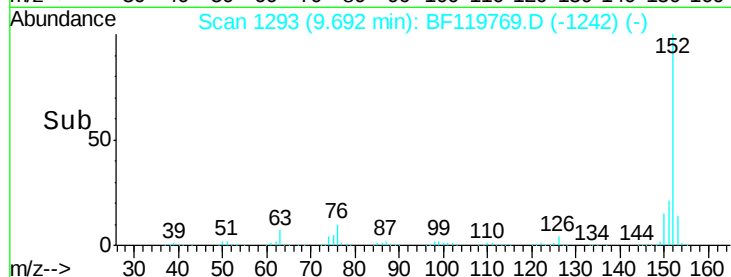
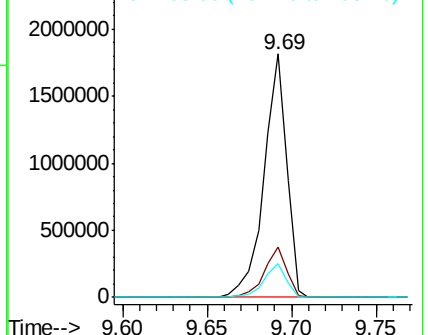
153 13.6 11.2 16.8

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



#50

Dimethylphthalate

Concen: 55.749 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

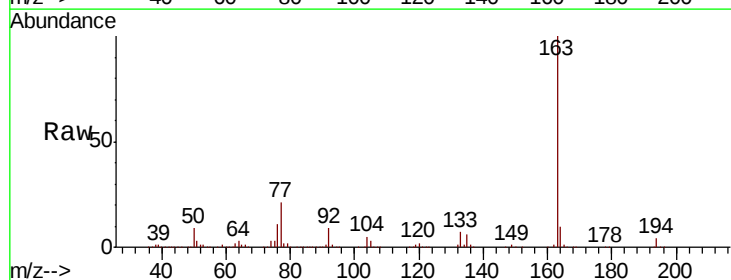
Tgt Ion:163 Resp: 1225037

Ion Ratio Lower Upper

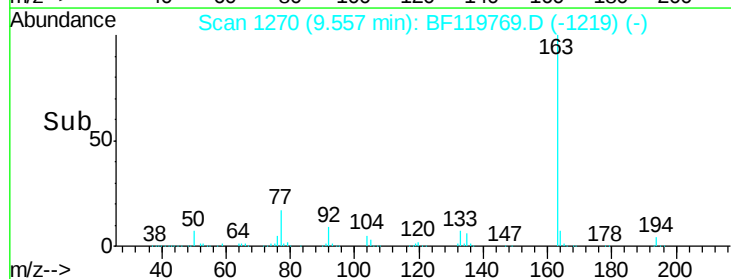
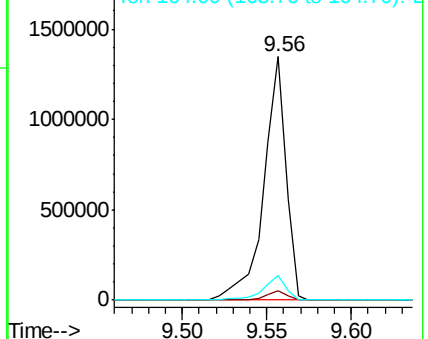
163 100

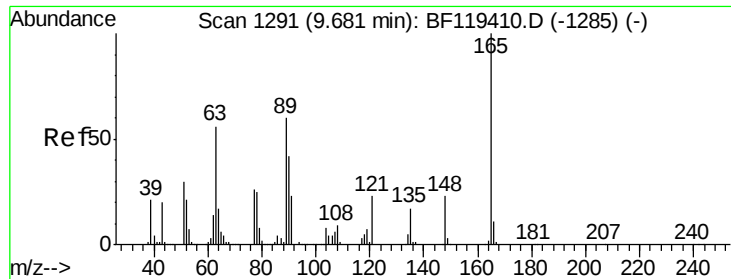
194 3.7 3.1 4.7

164 10.1 8.2 12.2



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





#51

2,6-Dinitrotoluene

Concen: 59.875 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Instrument :

BNA_F

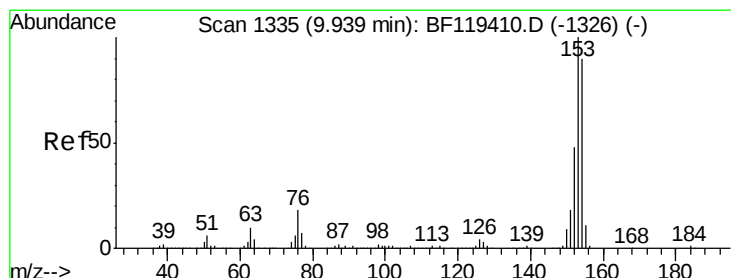
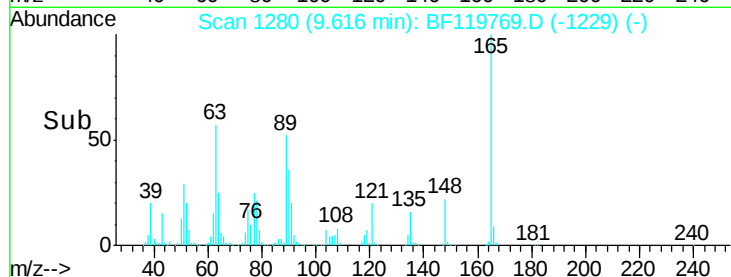
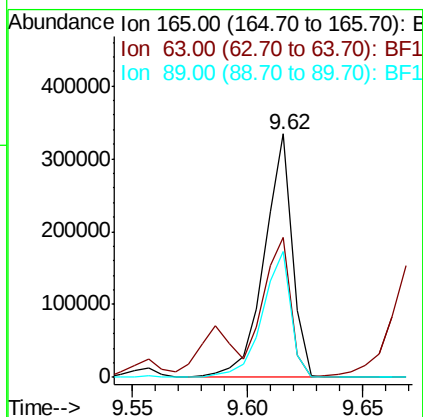
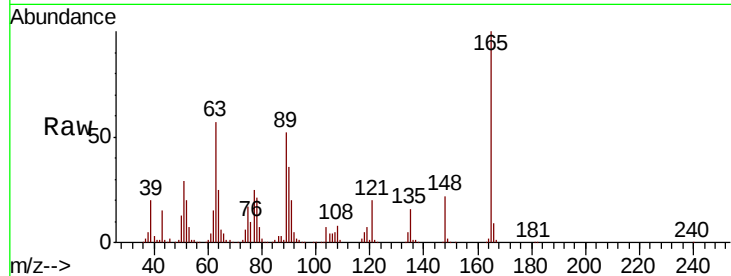
ClientSampleId :

PB128003BSD

Tot Ion:	165	Resp:	282011
Ion Ratio	Lower	Upper	
165	100		
63	57.4	45.0	67.4
89	51.9	41.5	62.3

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#52

Acenaphthene

Concen: 53.155 ng

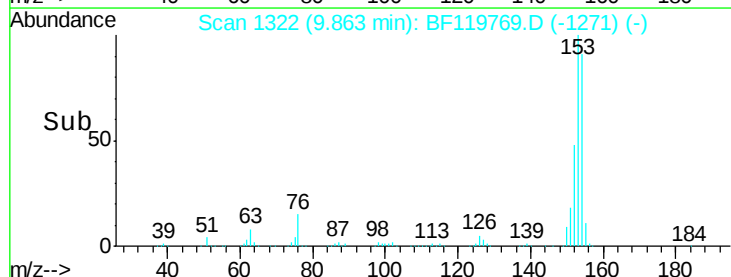
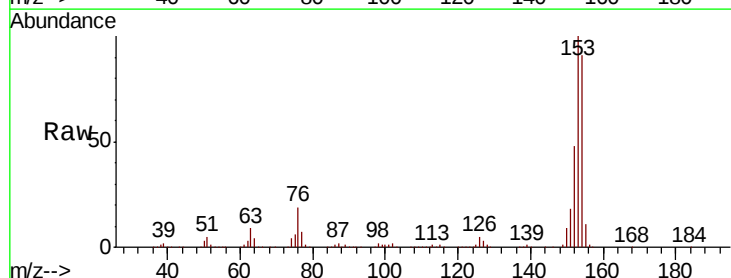
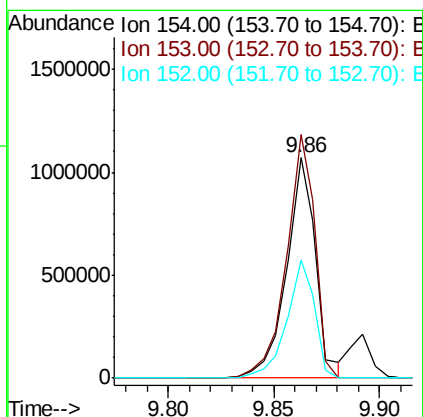
RT: 9.86 min Scan# 1322

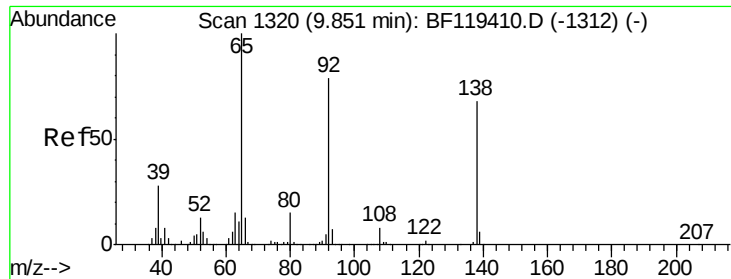
Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Tgt Ion:	154	Resp:	1027029
Ion Ratio	Lower	Upper	
154	100		
153	110.5	88.1	132.1
152	53.4	43.0	64.4





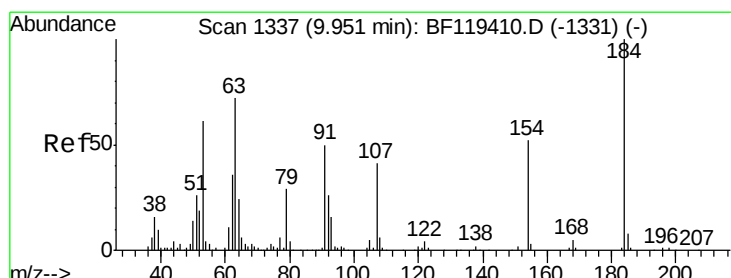
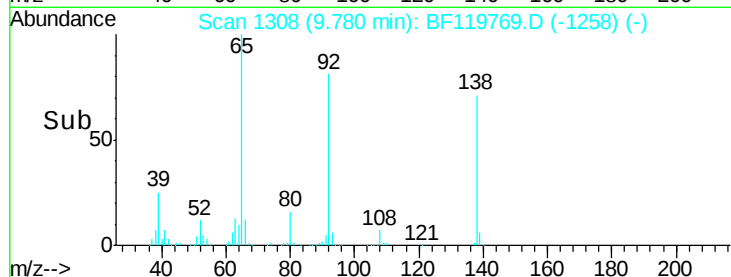
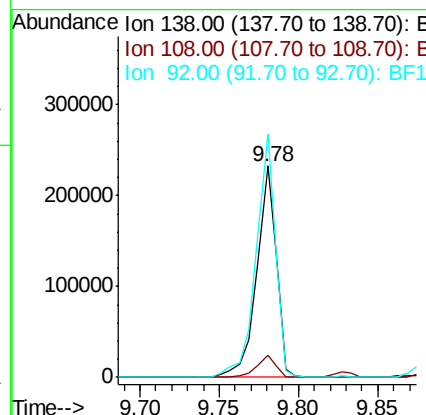
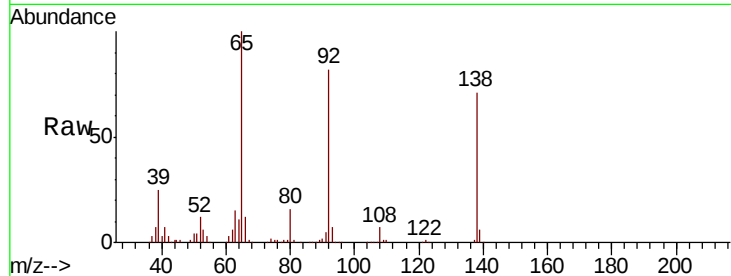
#53
3-Nitroaniline
Concen: 33.452 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	198915		
108	10.3	8.6	13.0	
92	115.2	95.4	143.0	

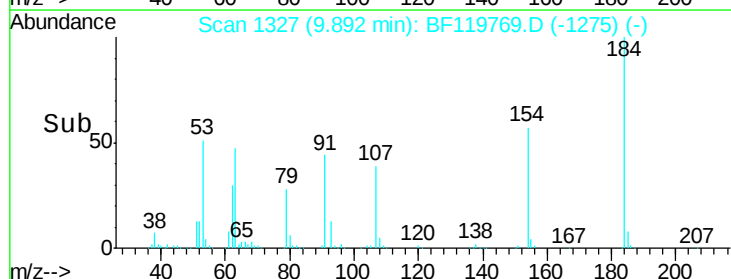
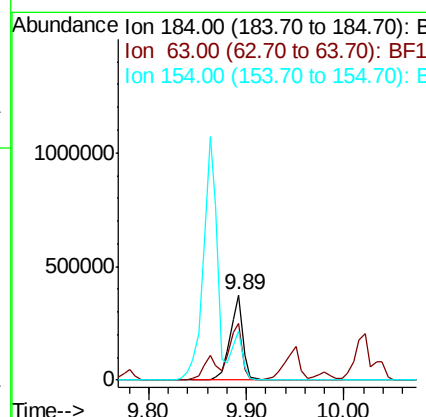
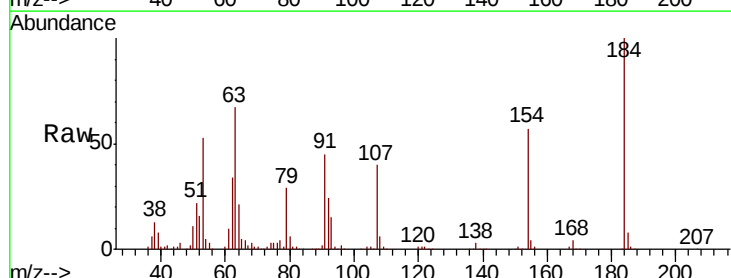
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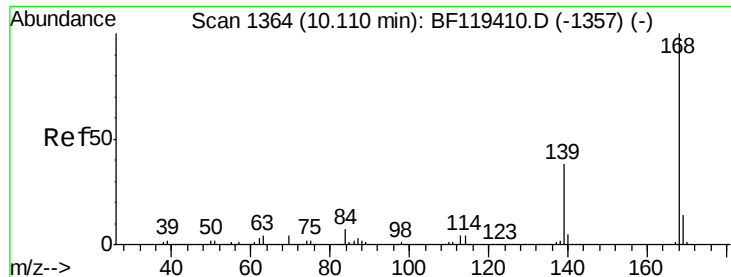
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#54
2,4-Dinitrophenol
Concen: 159.954 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	342287		
63	66.7	50.2	75.4	
154	57.2	44.5	66.7	





#55

Dibenzenofuran

Concen: 54.353 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

Tot Ion:168 Resp: 1505692

Ion Ratio Lower Upper

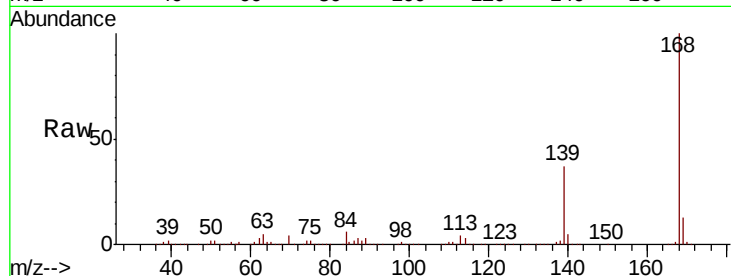
168 100

139 36.8 30.1 45.1

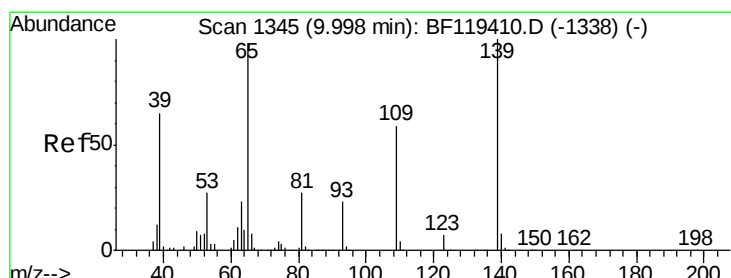
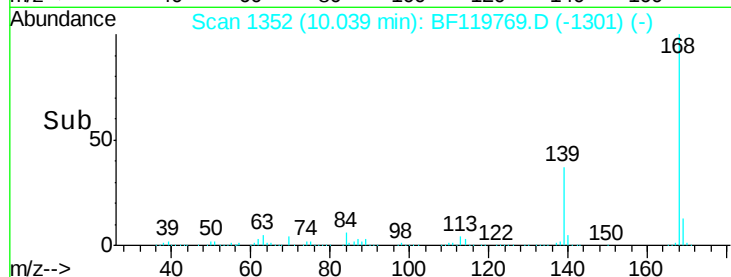
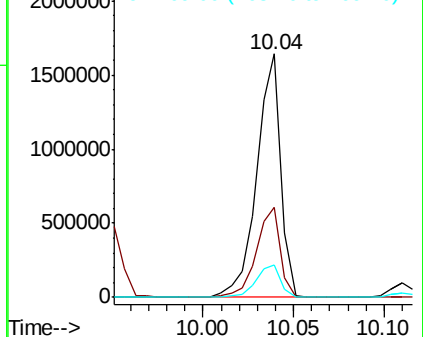
169 13.5 11.0 16.6

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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: 108.712 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

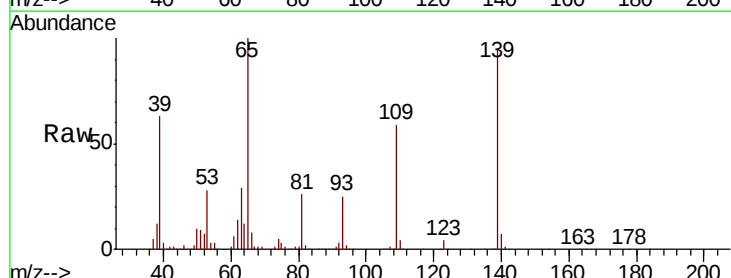
Tgt Ion:139 Resp: 509950

Ion Ratio Lower Upper

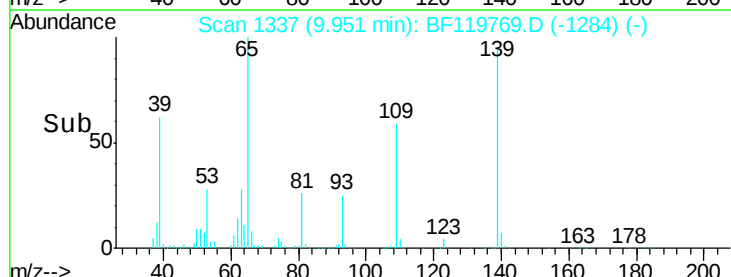
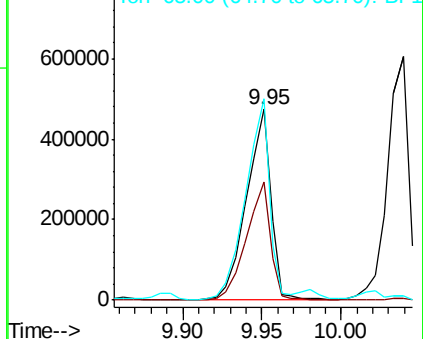
139 100

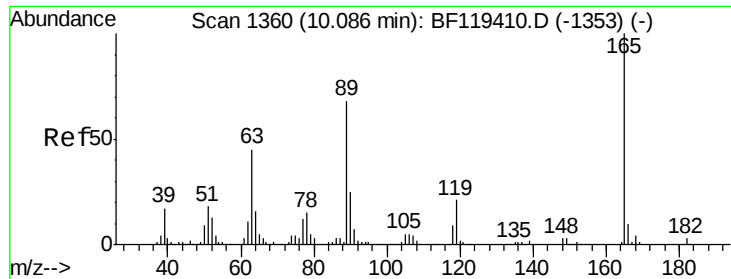
109 61.8 43.3 83.3

65 105.6 91.0 131.0



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





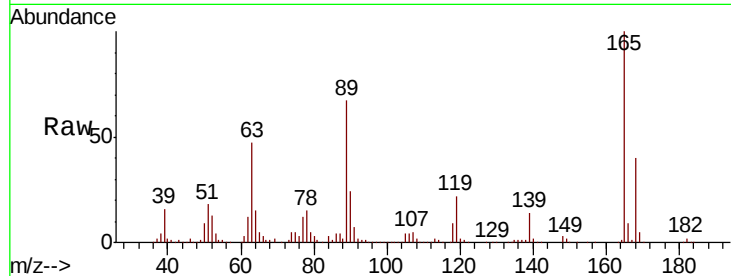
#57
2,4-Dinitrotoluene
Concen: 63.831 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

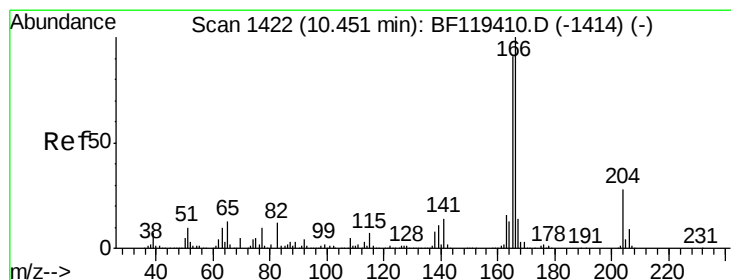
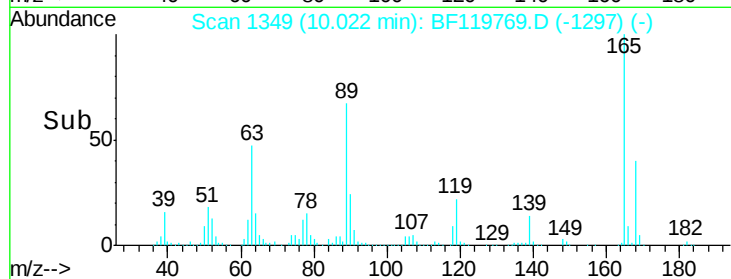
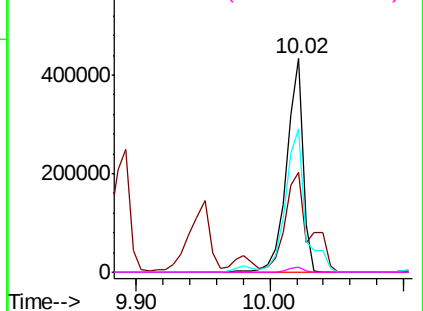
Tot Ion	Ratio	Resp	Lower	Upper
165	100	378729		
63	46.8	42.6	64.0	
89	66.9	61.0	91.4	
182	2.4	2.2	3.2	

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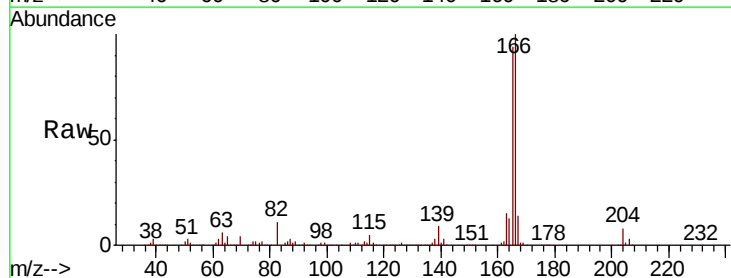


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

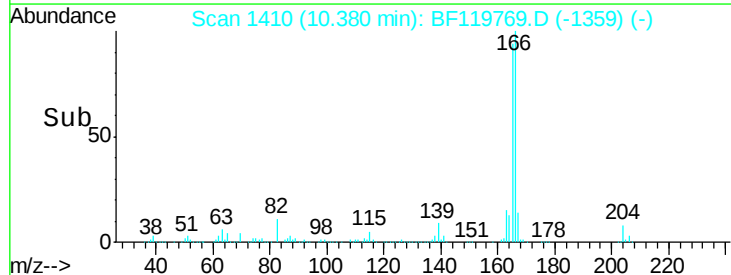
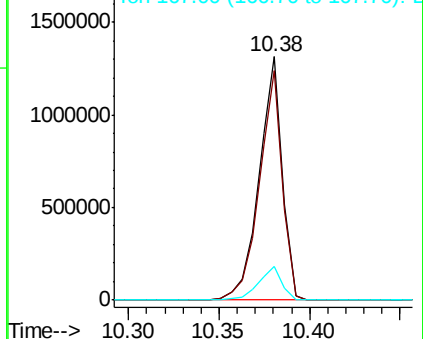


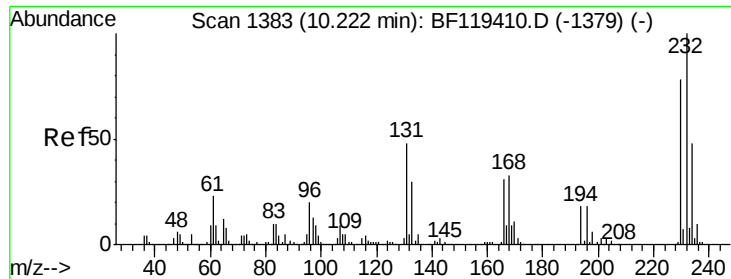
#58
Fluorene
Concen: 56.587 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1159202		
165	94.1	75.4	113.2	
167	13.7	11.2	16.8	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





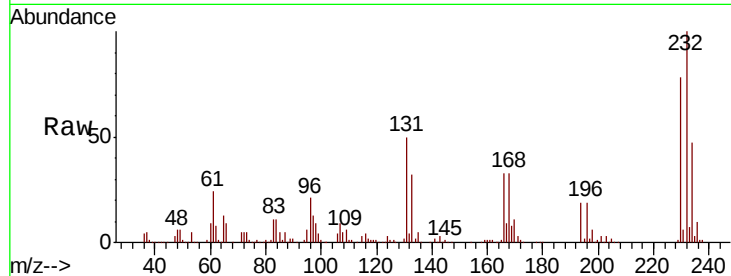
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 61.217 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.5	56.3
130	2.0	1.8	2.6
166	30.3	24.6	36.8

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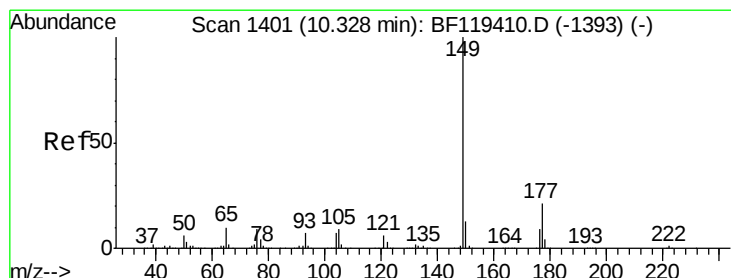
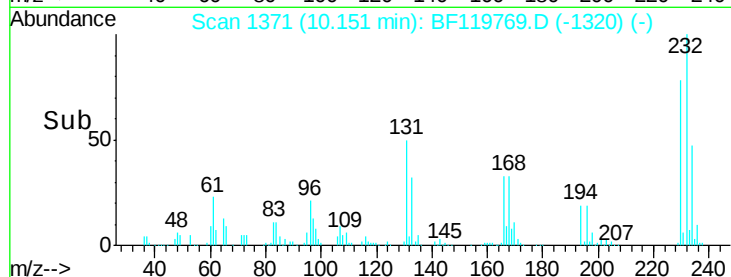
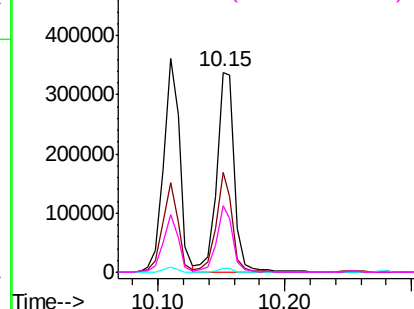
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

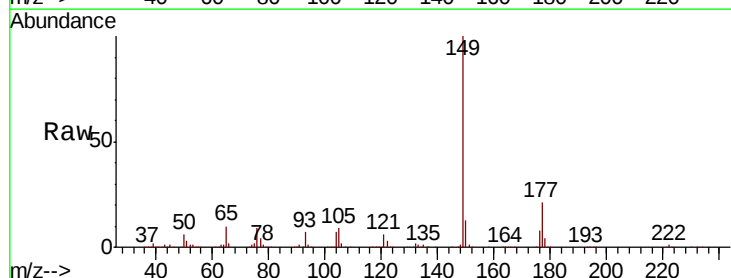
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 55.857 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.0	25.6
150	12.9	10.1	15.1

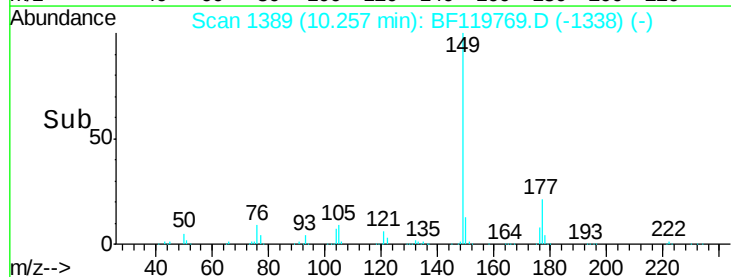
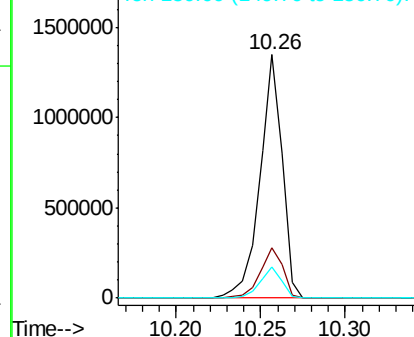


Abundance

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





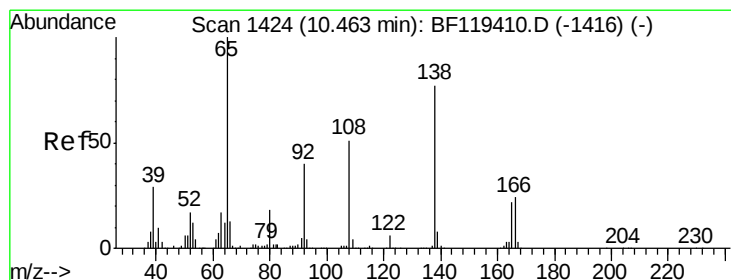
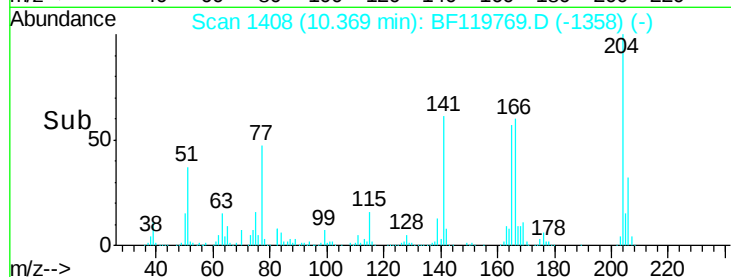
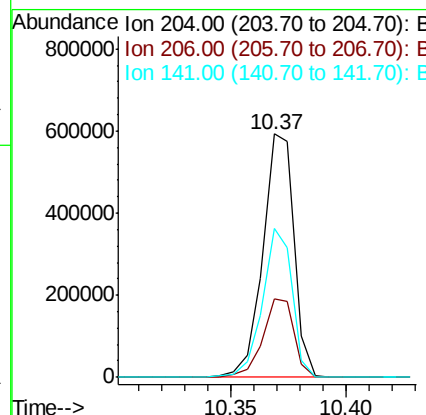
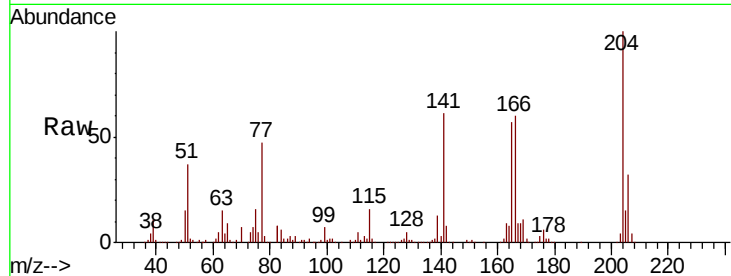
#61
 4-Chlorophenyl-phenylether
 Concen: 55.837 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.7	40.1
141	61.4	47.3	70.9

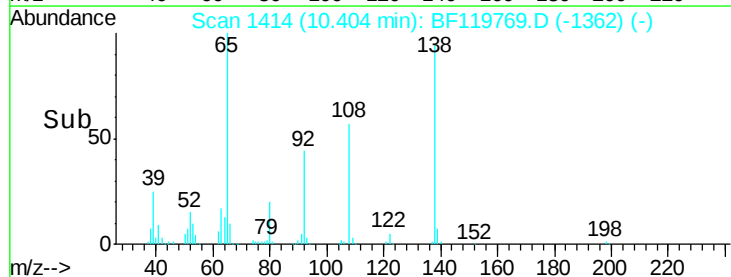
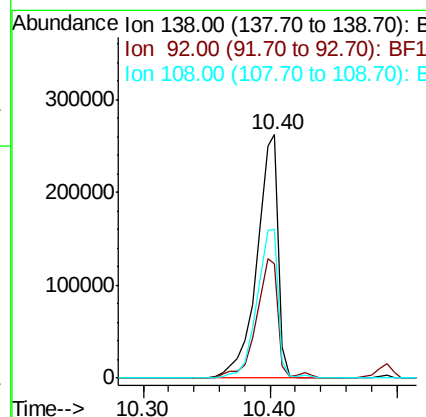
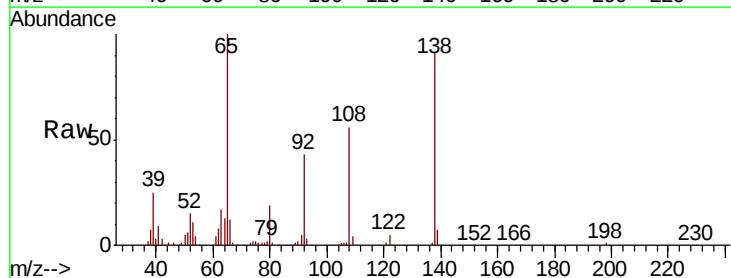
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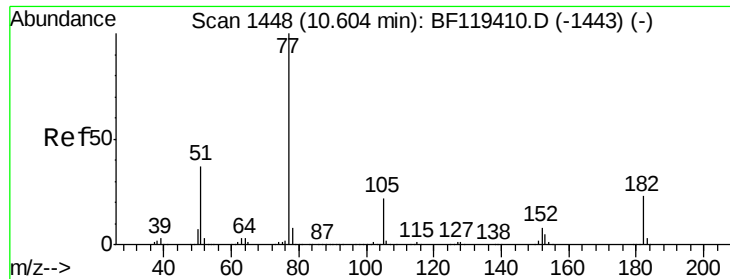
mohammad
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#62
 4-Nitroaniline
 Concen: 54.466 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	31.5	71.5
108	61.3	45.8	85.8





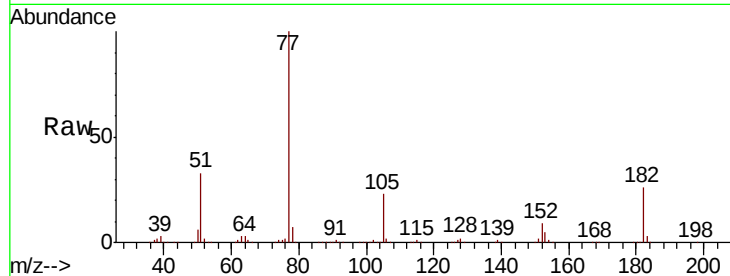
#63
Azobenzene
Concen: 53.083 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.0	4.4	44.4	
105	23.2	2.6	42.6	
51	32.6	15.1	55.1	

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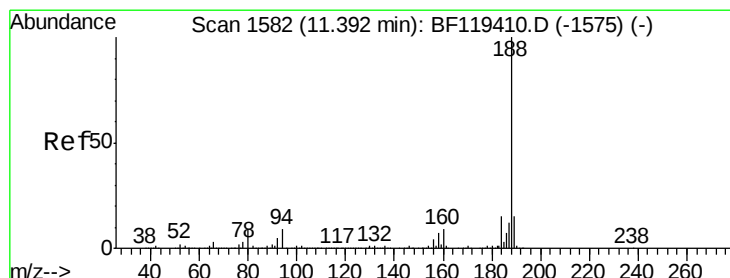
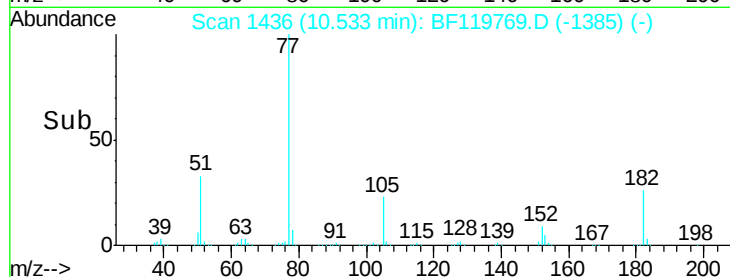
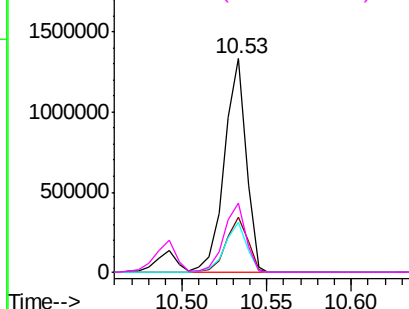
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

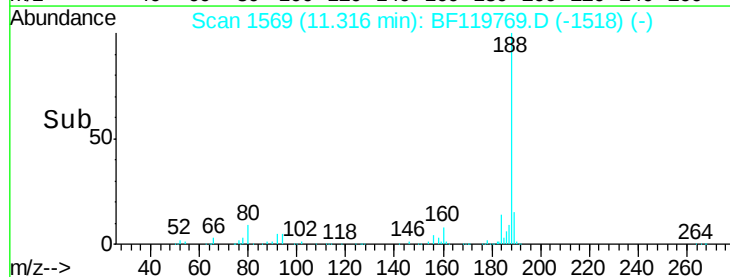
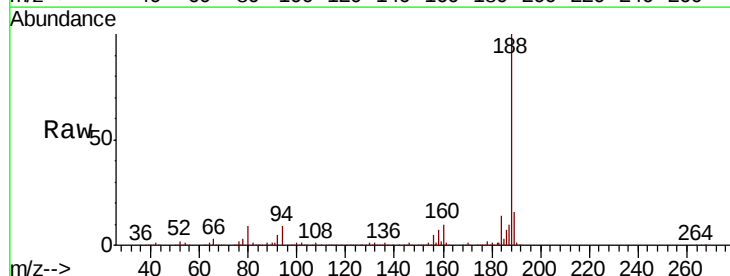
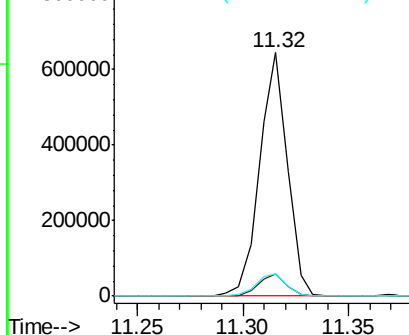
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	7.5	11.3	
80	9.1	9.0	13.4	

Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





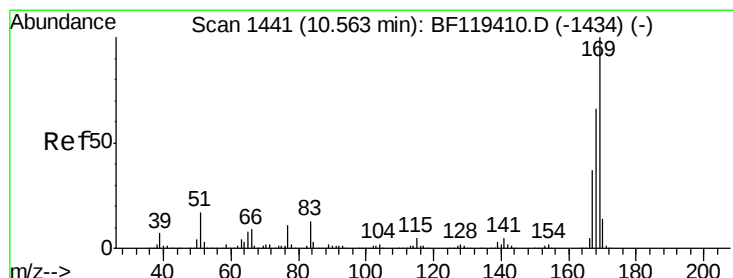
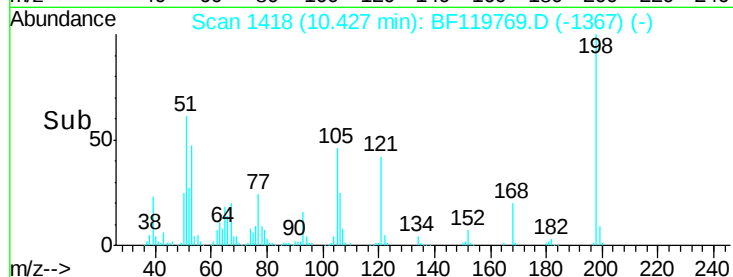
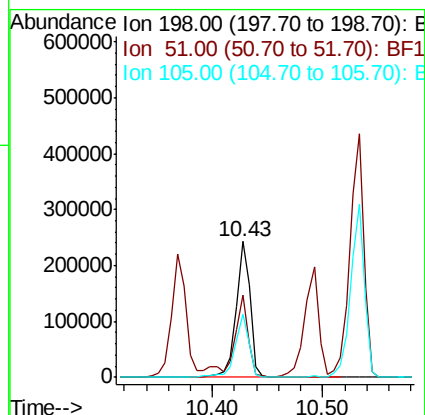
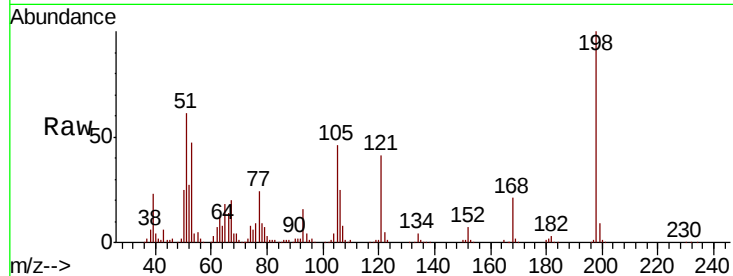
#65
4,6-Dinitro-2-methylphenol
Concen: 88.246 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampled :
PB128003BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	217553		
51	60.6	29.0	69.0	
105	46.3	22.2	62.2	

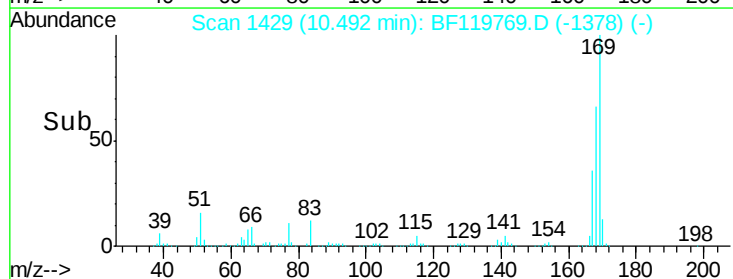
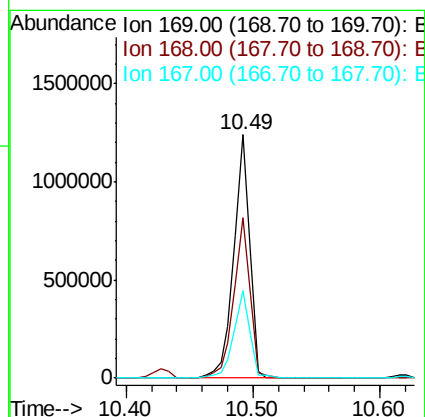
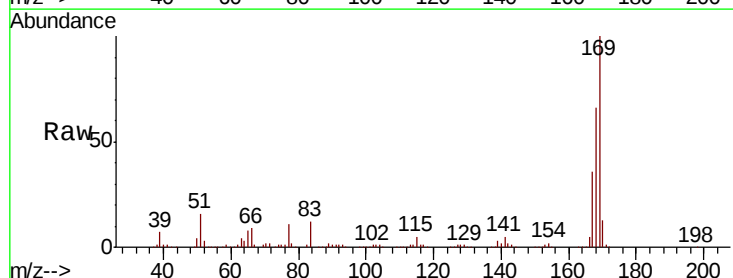
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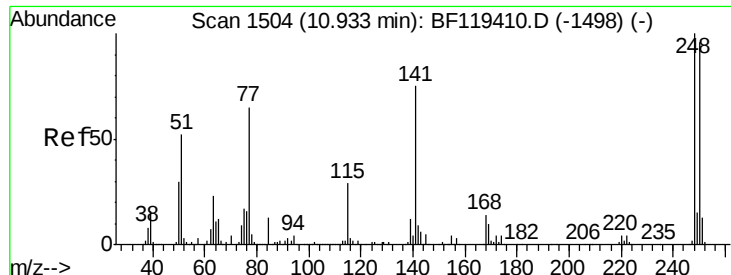
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#66
n-Nitrosodiphenylamine
Concen: 55.279 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1066916		
168	65.8	53.2	79.8	
167	35.8	29.1	43.7	





#67

4-Bromophenyl-phenylether

Concen: 54.423 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Instrument :

BNA_F

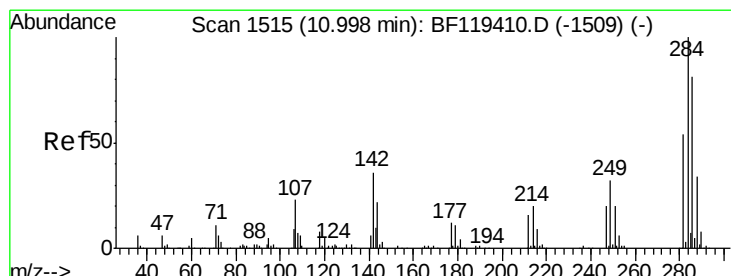
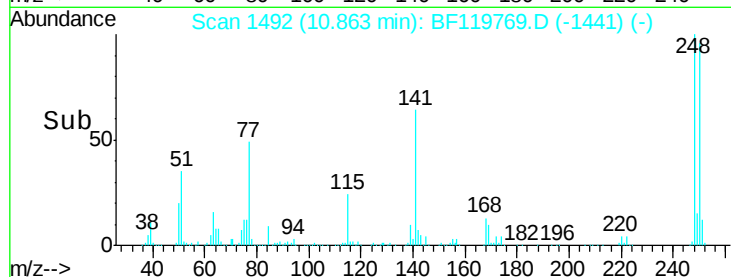
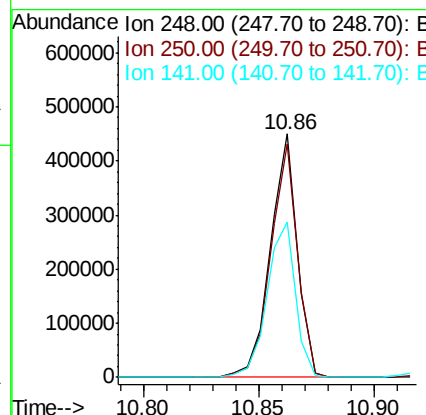
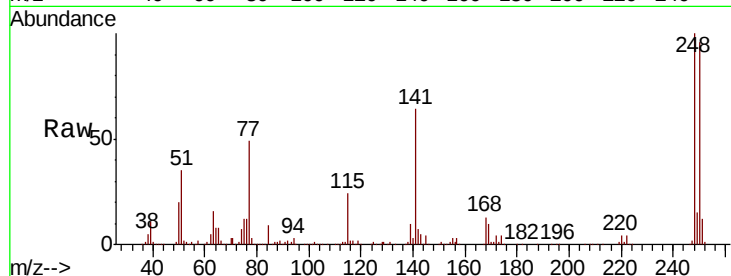
ClientSampleId :

PB128003BSD

Tot Ion:	248	Resp:	364398
Ion Ratio	Lower	Upper	
248	100		
250	95.8	77.3	115.9
141	64.0	58.6	87.8

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#68

Hexachlorobenzene

Concen: 57.998 ng

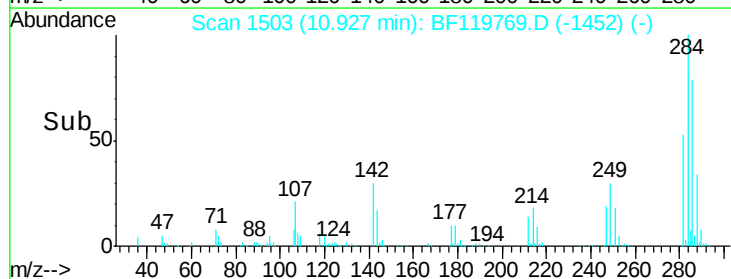
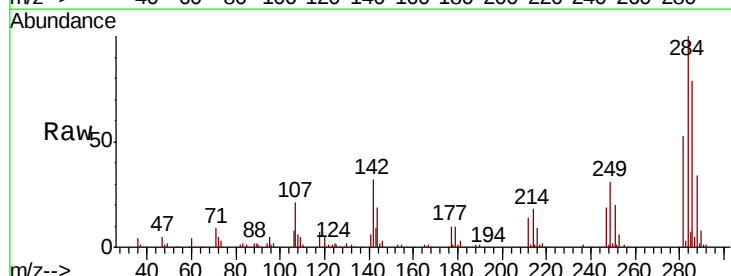
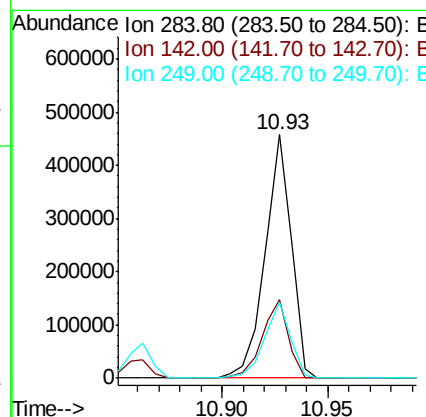
RT: 10.93 min Scan# 1503

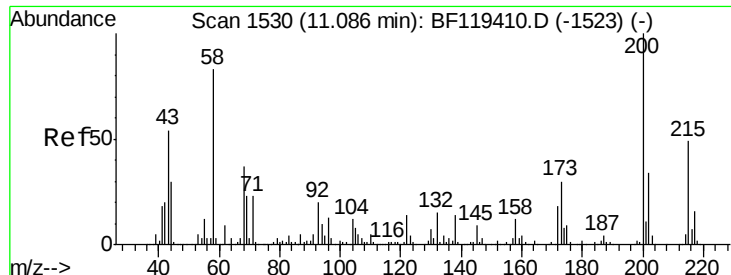
Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Tgt Ion:	284	Resp:	397455
Ion Ratio	Lower	Upper	
284	100		
142	32.5	29.2	43.8
249	31.0	25.1	37.7





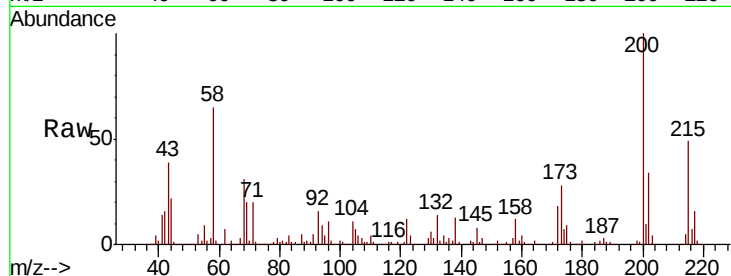
#69
Atrazine
Concen: 60.201 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.4	9.3	49.3
215	49.3	29.5	69.5

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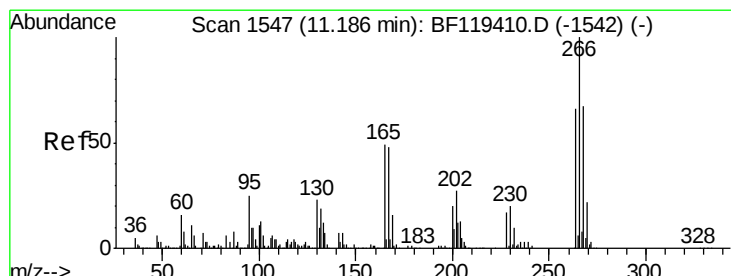
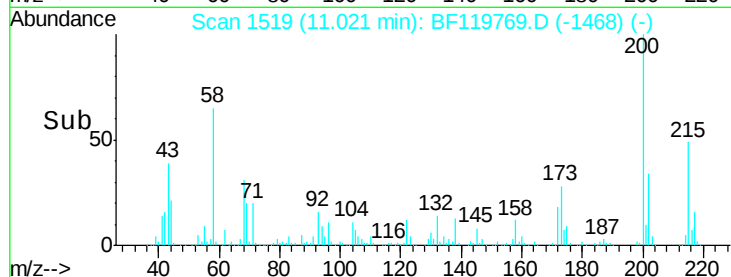
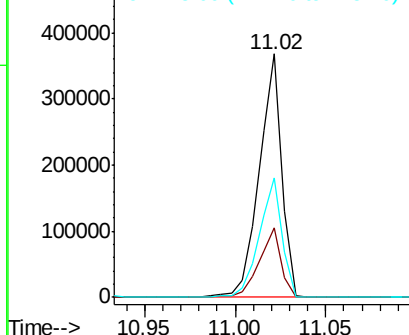


Abundance

Ion 200.00 (199.70 to 200.70): E

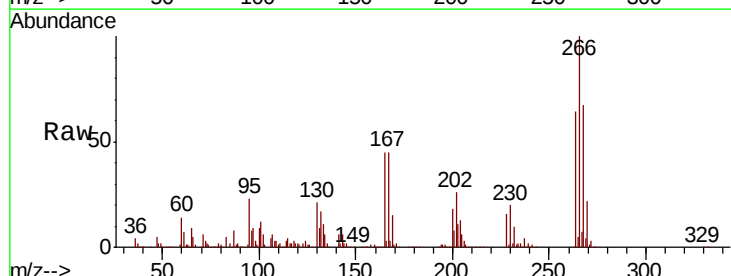
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 113.825 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.9	53.3	79.9
264	63.6	49.0	73.4

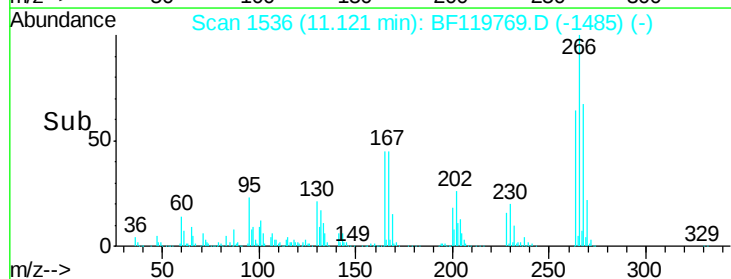
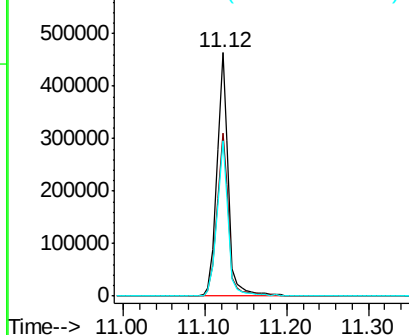


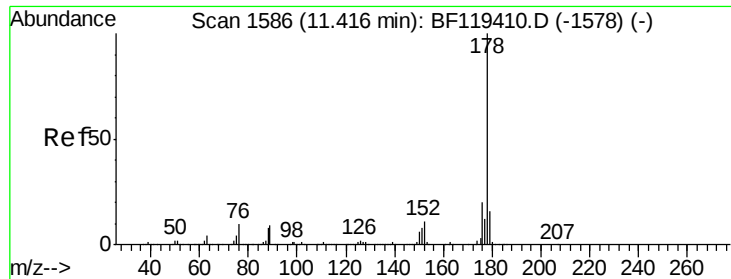
Abundance

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: 55.337 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

Tot Ion:178 Resp: 1686952

Ion Ratio Lower Upper

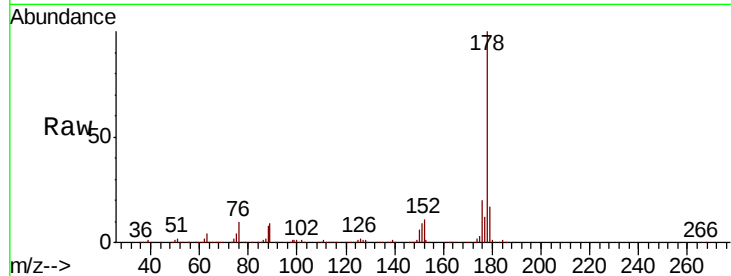
178 100

176 19.9 16.2 24.4

179 16.5 13.2 19.8

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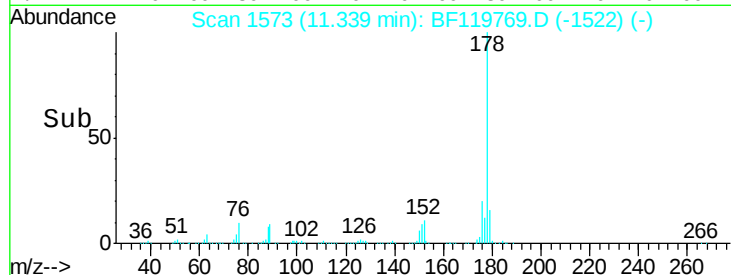


Abundance Ion 178.00 (177.70 to 178.70): E

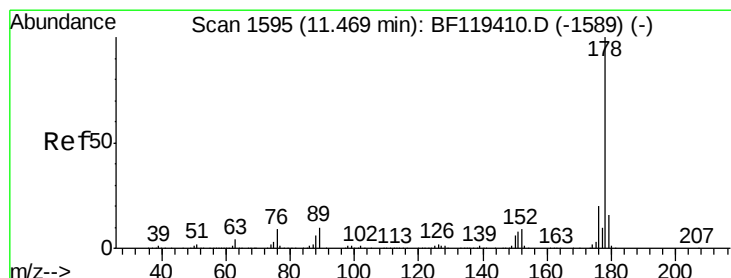
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



Time-->



#72

Anthracene

Concen: 56.411 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

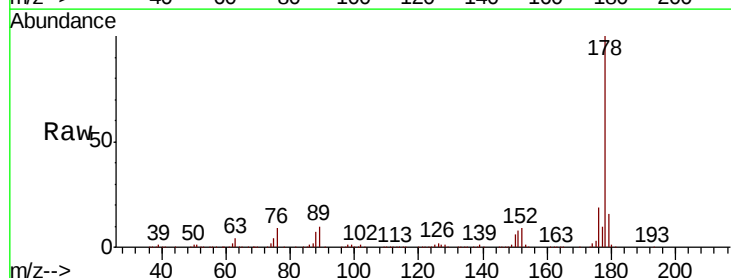
Tgt Ion:178 Resp: 1747814

Ion Ratio Lower Upper

178 100

176 19.3 16.1 24.1

179 15.9 13.0 19.4

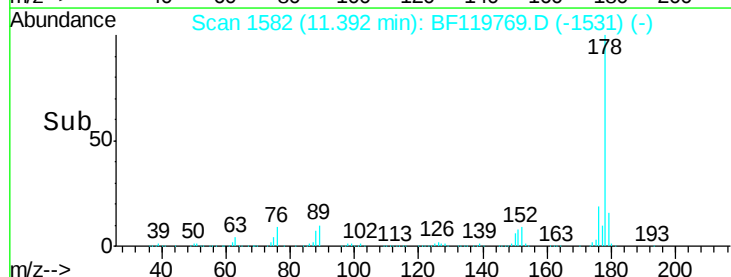


Abundance Ion 178.00 (177.70 to 178.70): E

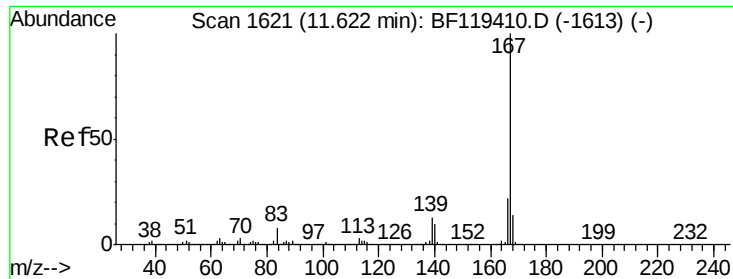
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



Time-->



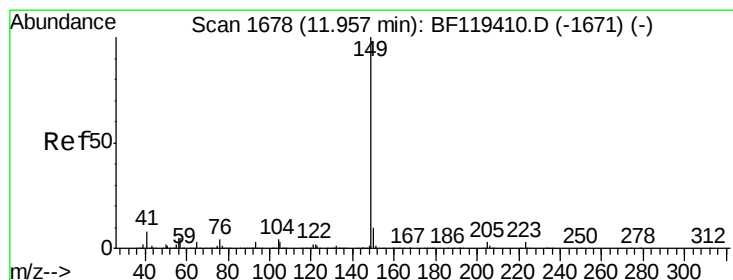
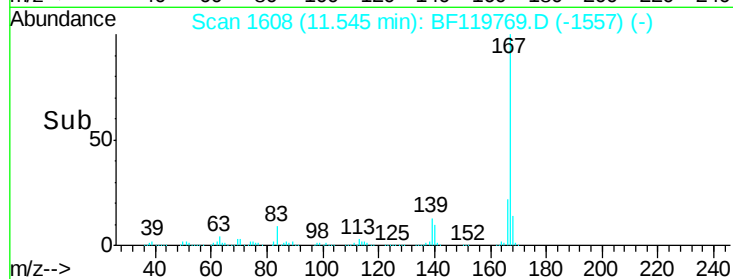
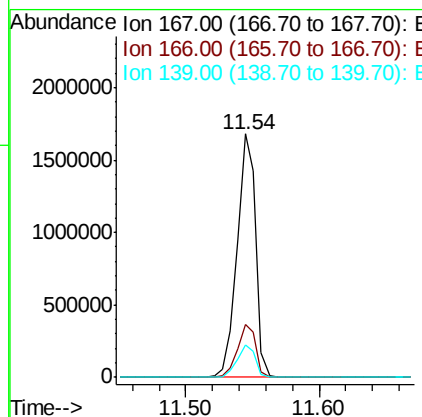
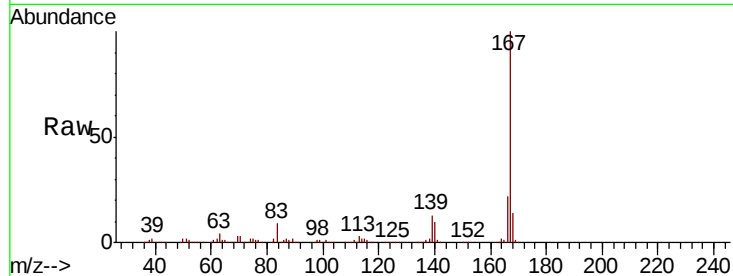
#73
 Carbazole
 Concen: 53.355 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.4
139	13.1	10.7	16.1

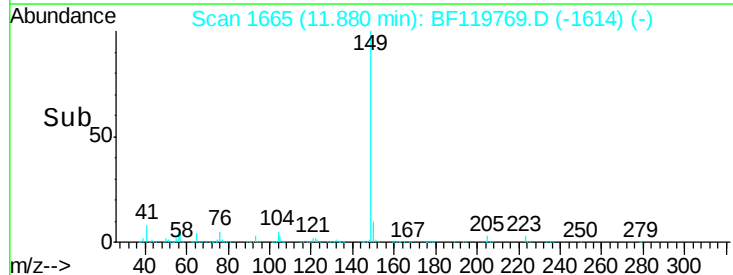
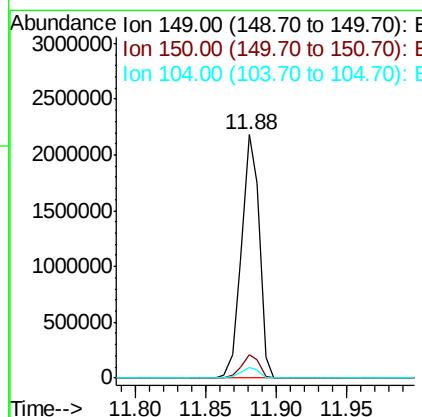
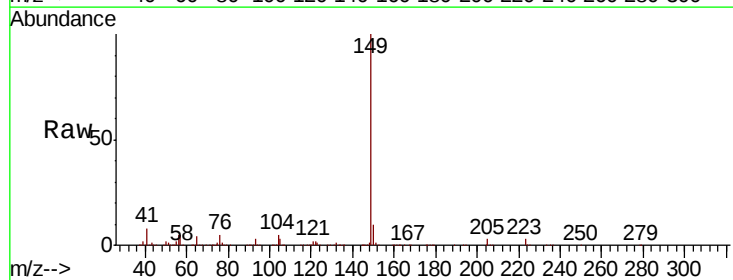
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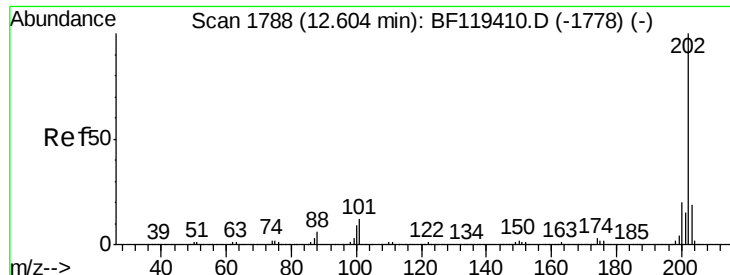
mohammad
 4/8/2020 8:12:20 AM



#74
 Di-n-butylphthalate
 Concen: 58.361 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.8
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 55.771 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

Tot Ion:202 Resp: 1840018

Ion Ratio Lower Upper

202 100

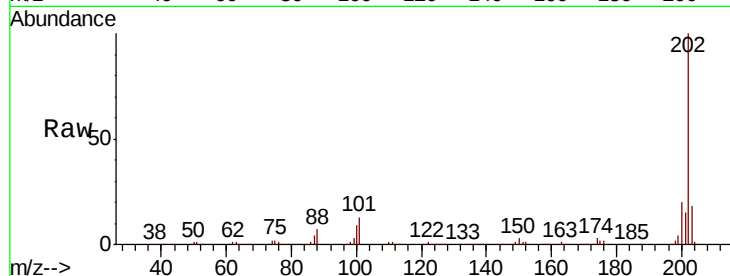
101 12.7 0.0 32.2

203 18.3 0.0 38.8

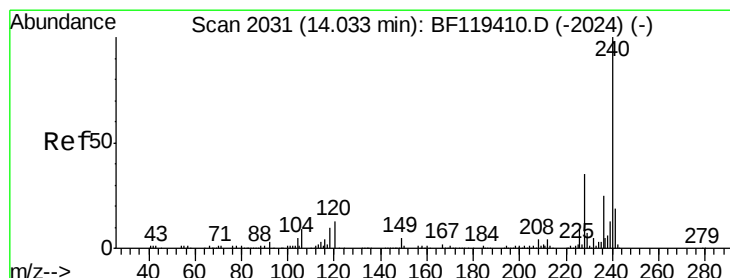
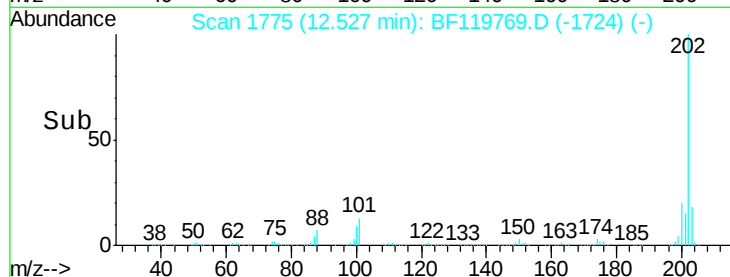
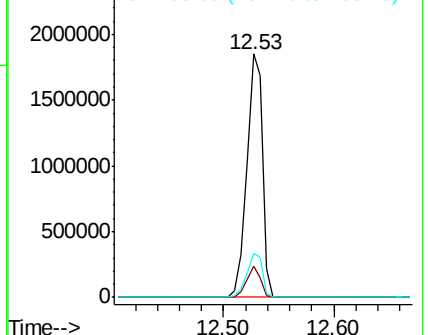
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Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

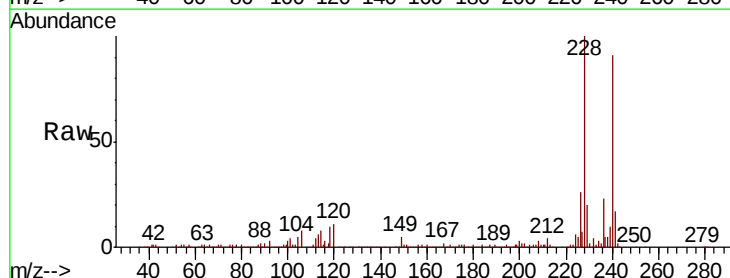
Tgt Ion:240 Resp: 406388

Ion Ratio Lower Upper

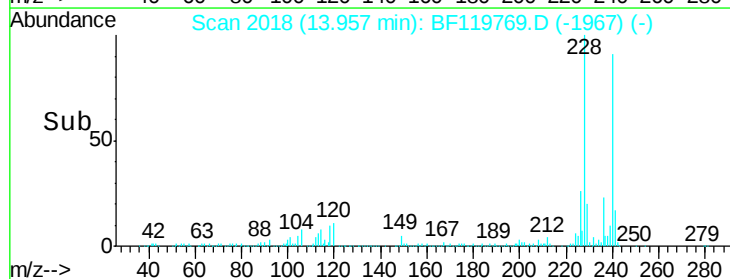
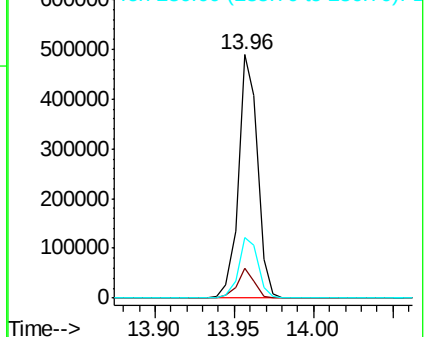
240 100

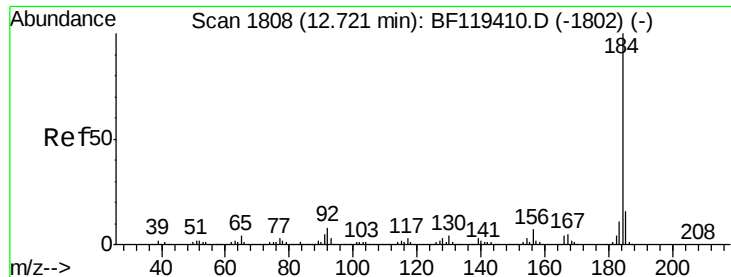
120 12.2 10.6 15.8

236 24.6 20.2 30.2



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: 50.326 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Instrument :

BNA_F

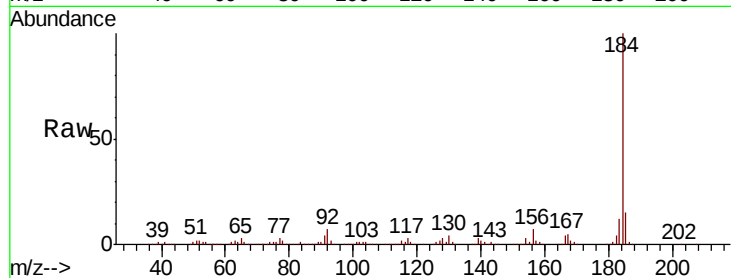
ClientSampleId :

PB128003BSD

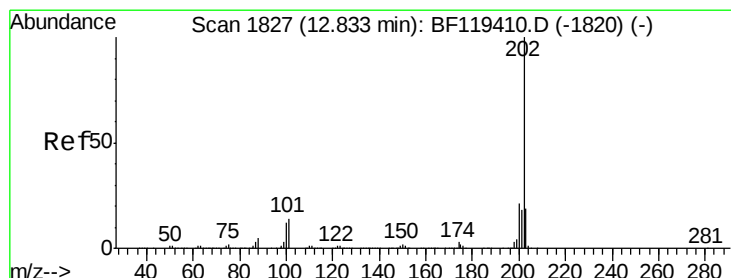
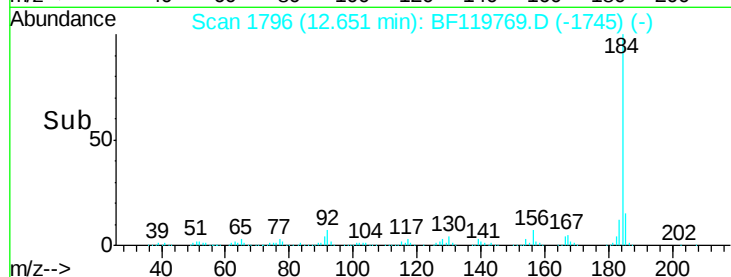
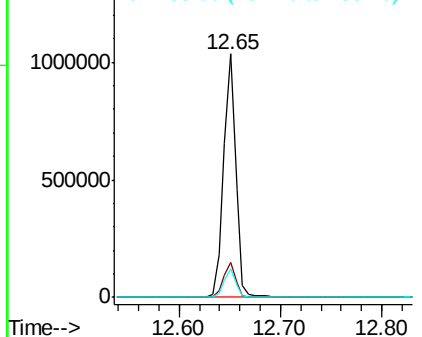
Tot Ion:184	Resp:	865521
Ion Ratio	Lower	Upper
184	100	
185	14.6	12.3 18.5
183	11.5	9.0 13.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 55.701 ng

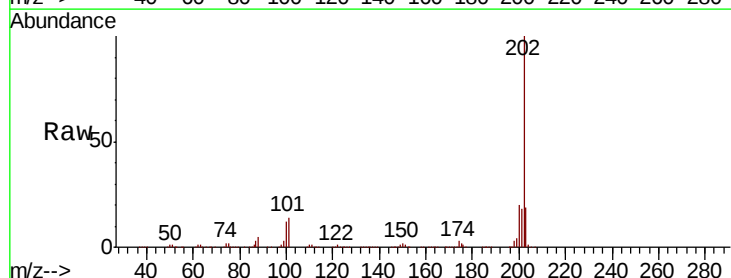
RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

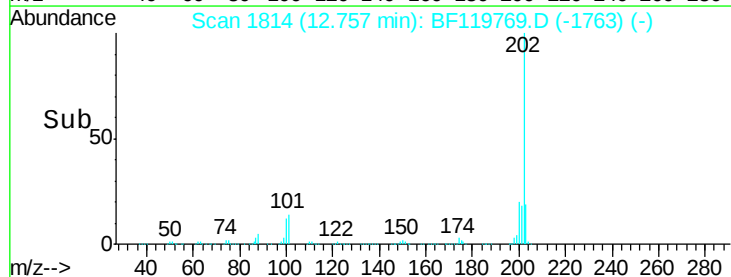
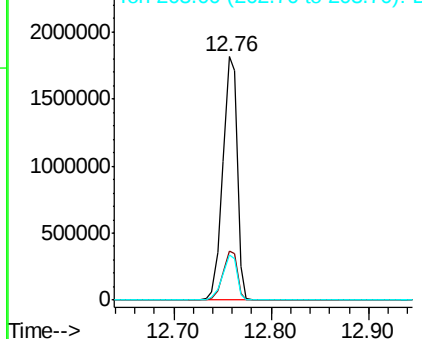
Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Tgt Ion:202	Resp:	1857735
Ion Ratio	Lower	Upper
202	100	
200	20.0	16.8 25.2
203	18.7	15.1 22.7



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





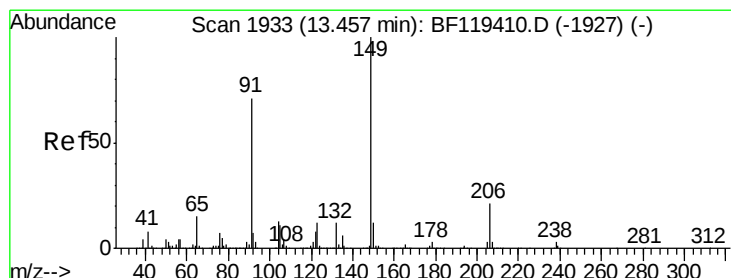
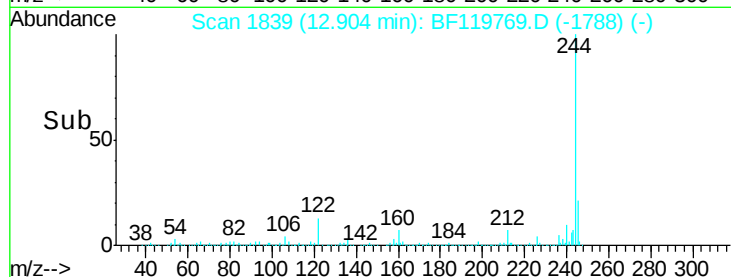
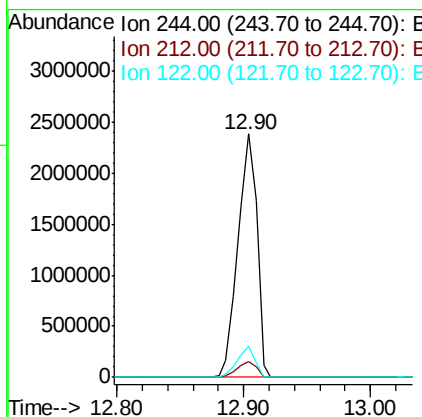
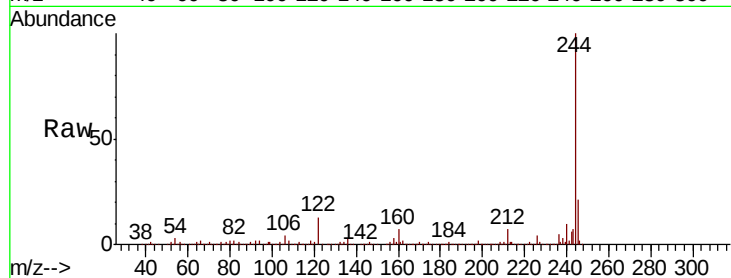
#79
 Terphenyl-d14
 Concen: 117.697 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion:244 Resp: 2441316
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 13.0 10.3 15.5

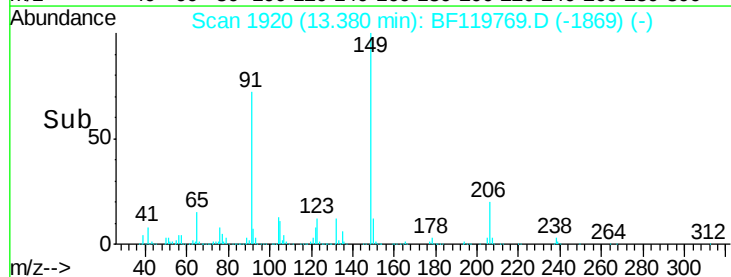
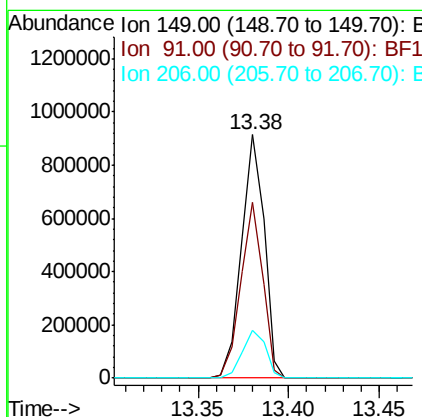
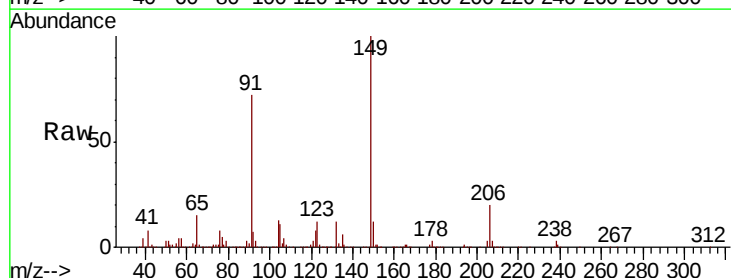
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#80
 Butylbenzylphthalate
 Concen: 59.266 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Tgt Ion:149 Resp: 799461
 Ion Ratio Lower Upper
 149 100
 91 72.0 54.7 82.1
 206 19.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 53.856 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

Tot Ion:228 Resp: 1423230

Ion Ratio Lower Upper

228 100

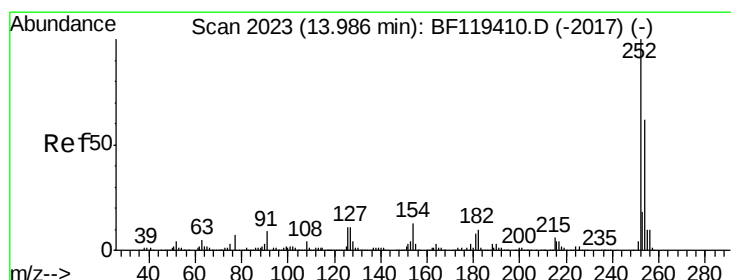
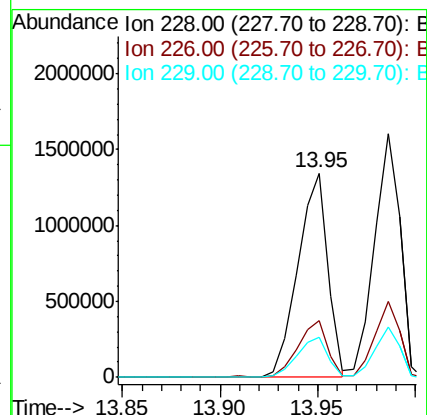
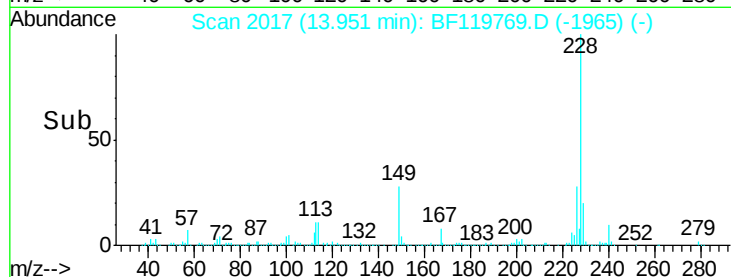
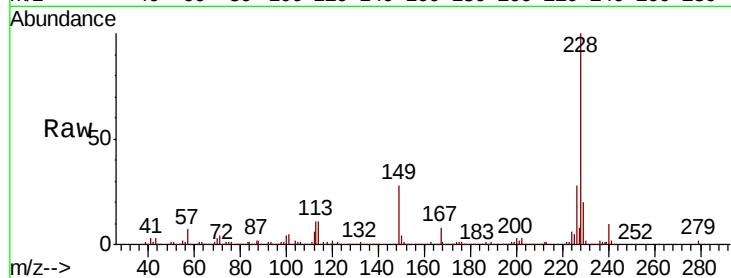
226 27.5 21.8 32.8

229 19.9 16.2 24.4

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#82

3,3'-Dichlorobenzidine

Concen: 40.561 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF119769.D

Acq: 6 Apr 2020 14:04

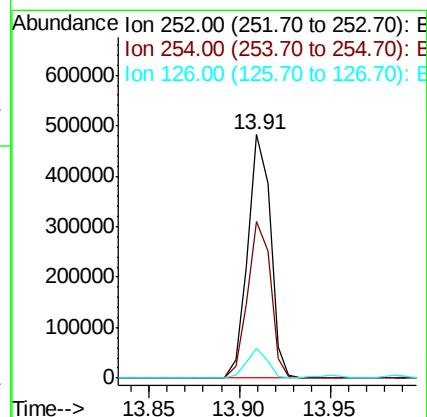
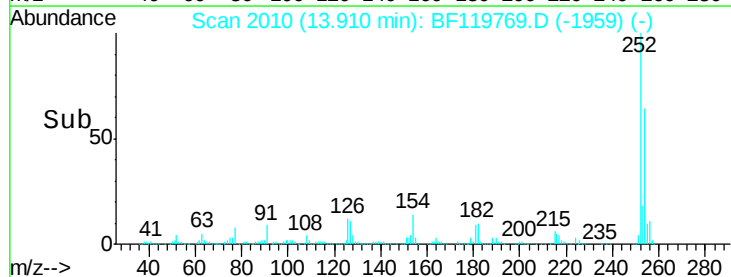
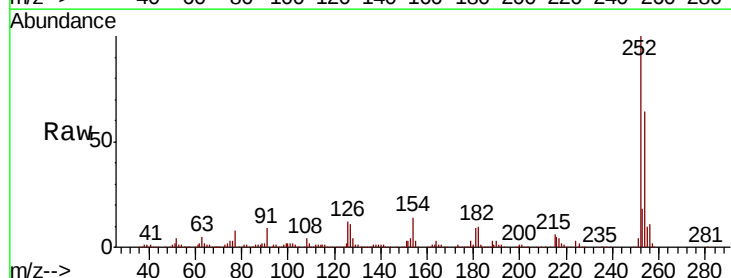
Tgt Ion:252 Resp: 422641

Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

126 12.2 9.6 14.4





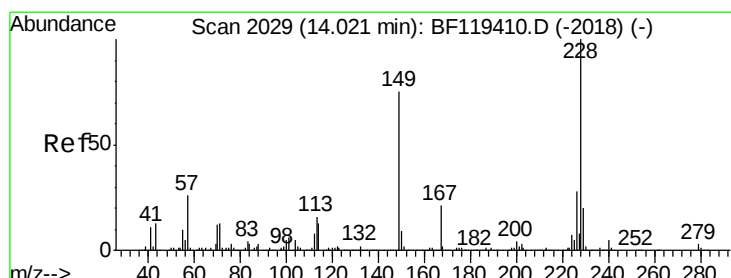
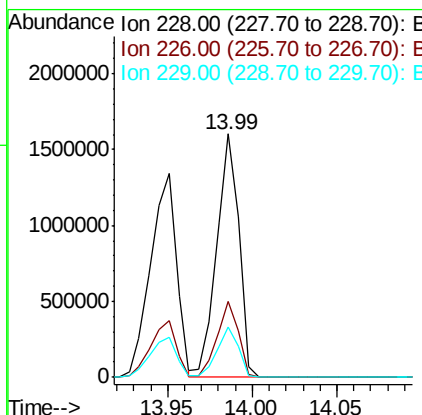
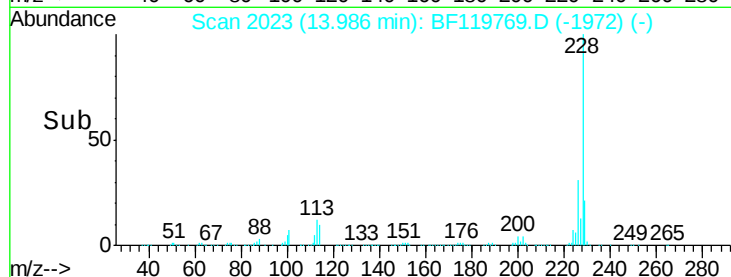
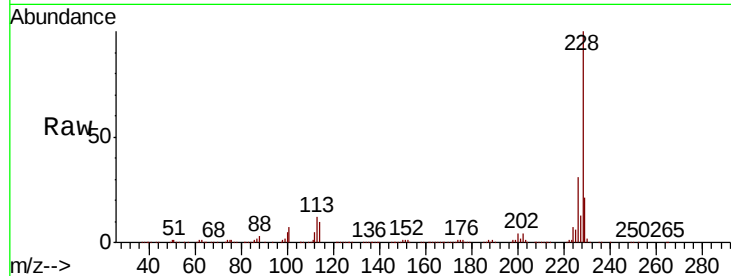
#83
 Chrysene
 Concen: 54.043 ng
 RT: 13.99 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.6	16.6	24.8

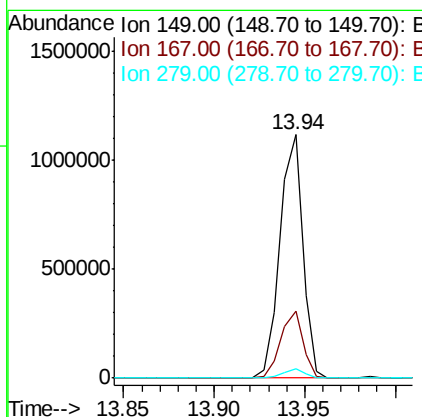
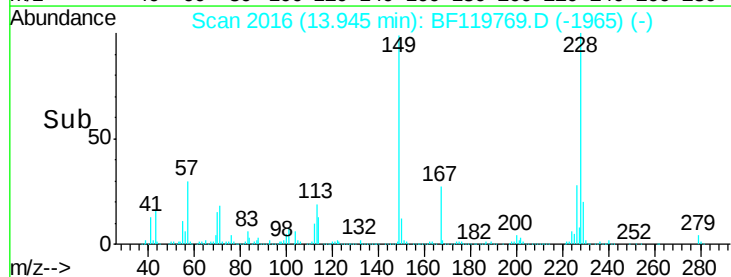
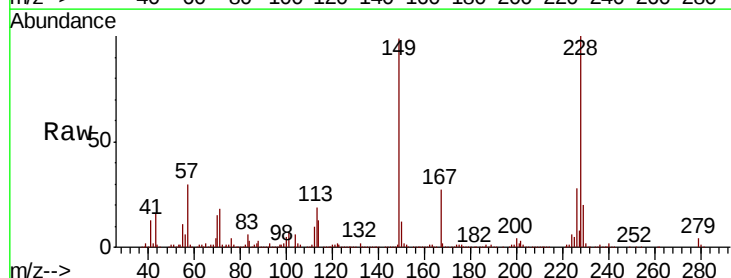
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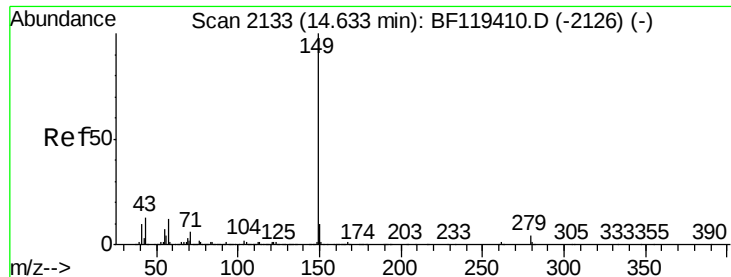
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.120 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF119769.D
 Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	3.8	2.7	4.1





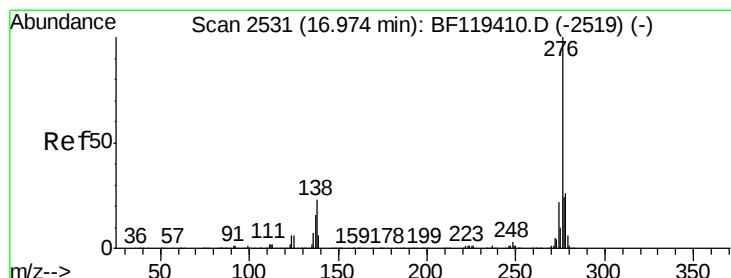
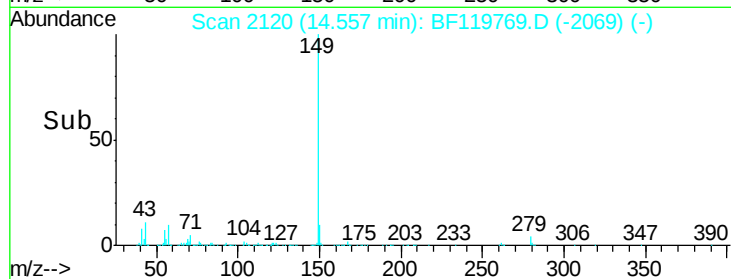
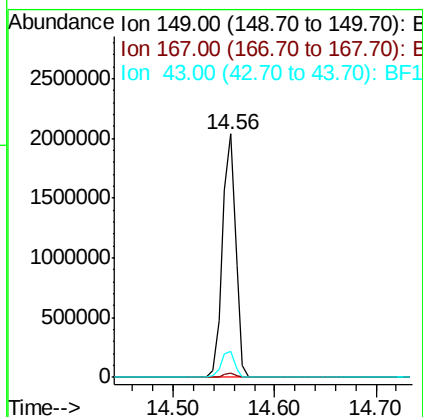
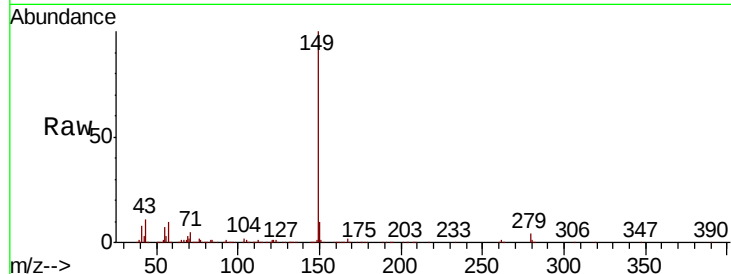
#85
Di-n-octyl phthalate
Concen: 64.869 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.0	9.3	13.9

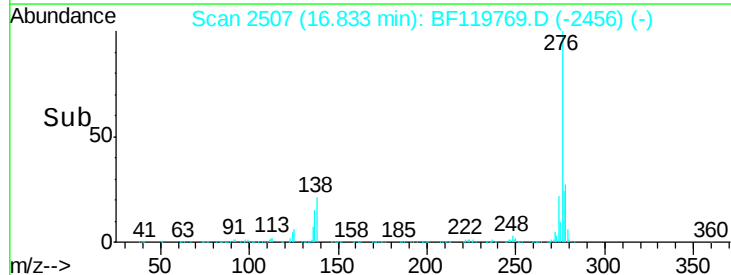
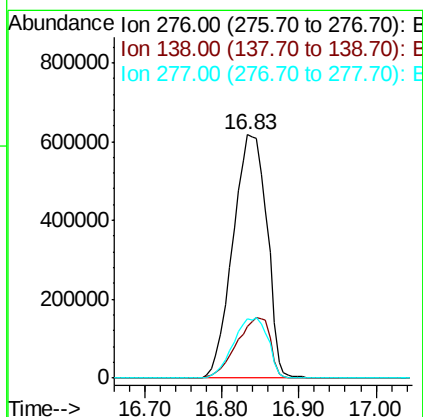
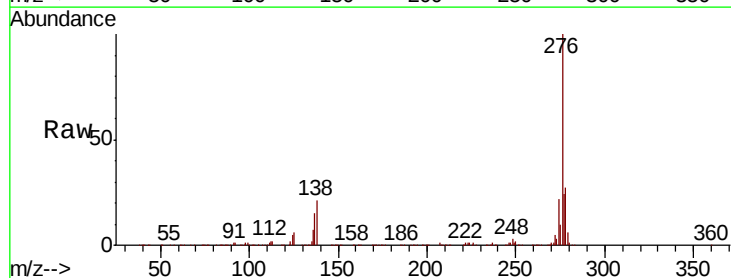
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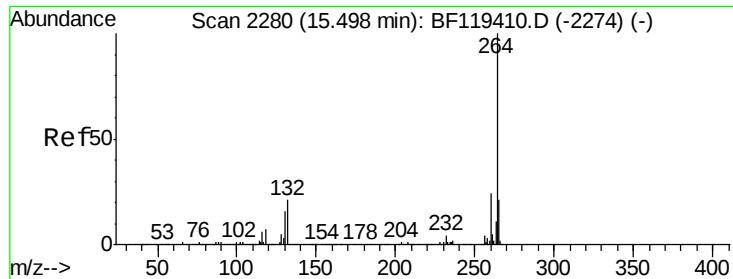
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#86
Indeno(1,2,3-cd)pyrene
Concen: 74.220 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.6	29.4
277	25.4	20.0	30.0





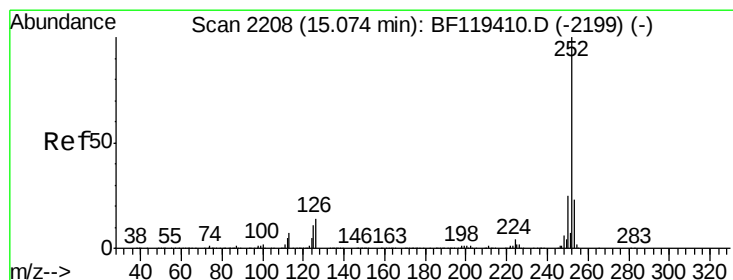
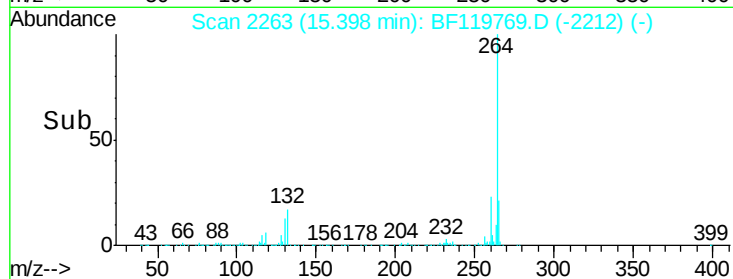
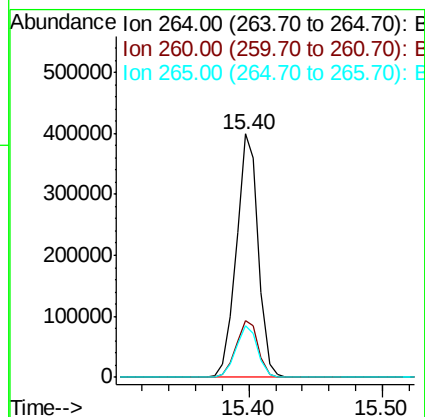
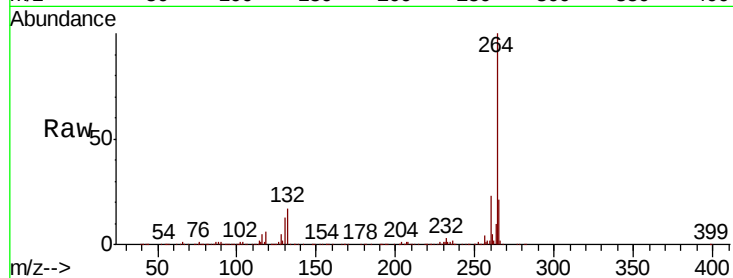
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.4	17.7	26.5

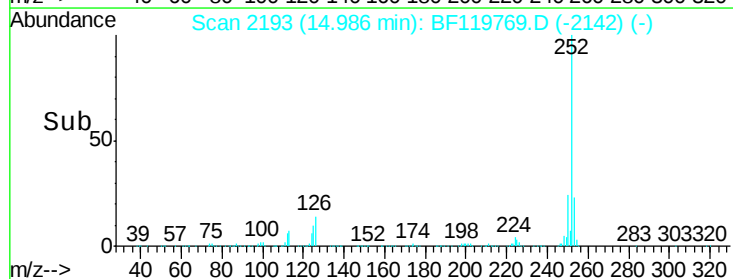
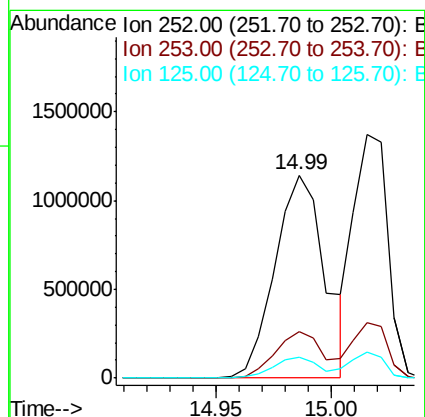
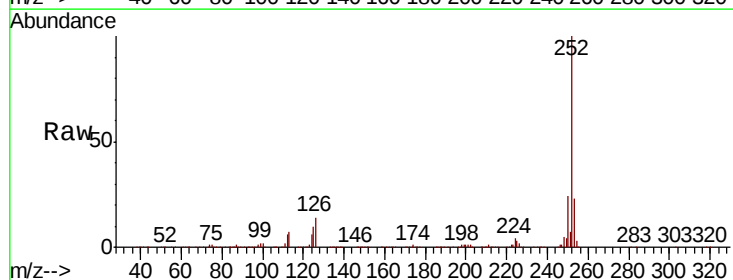
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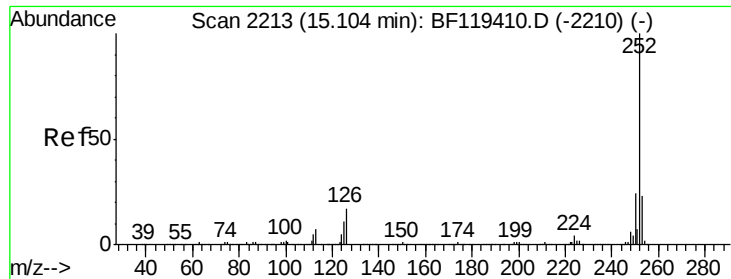
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#88
Benzo(b)fluoranthene
Concen: 56.714 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	10.4	7.9	11.9





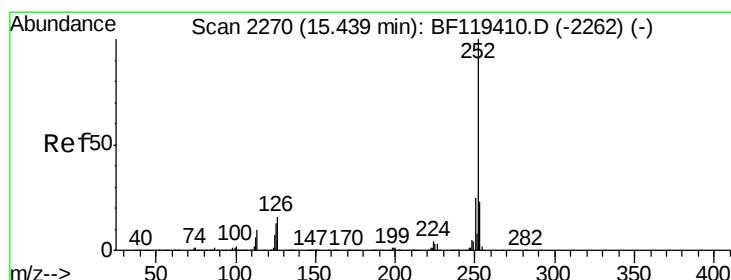
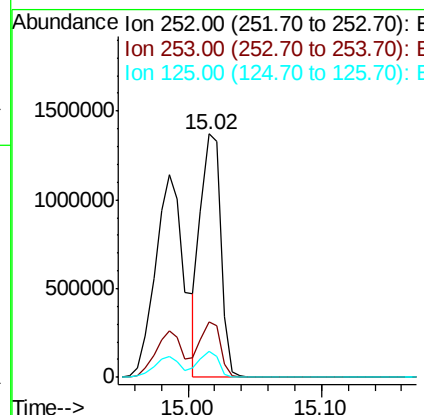
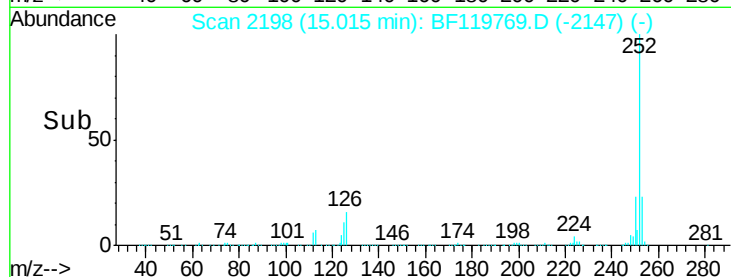
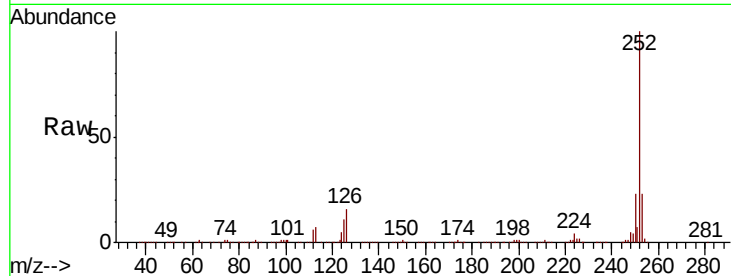
#89
Benzo(k)fluoranthene
Concen: 49.084 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion:252 Resp: 1421589
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.8 8.4 12.6

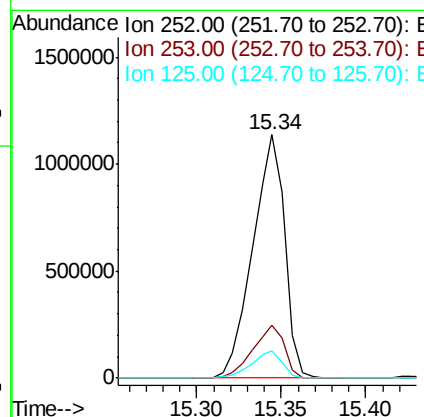
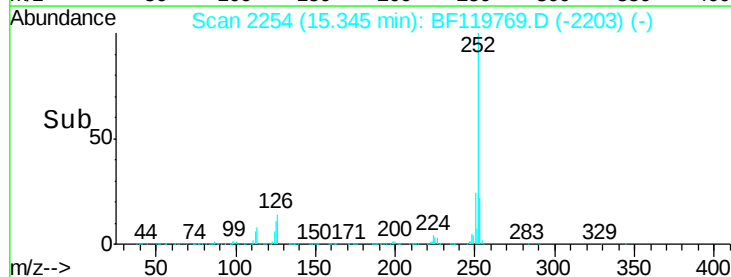
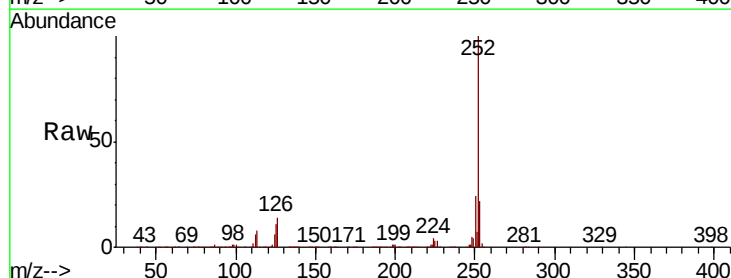
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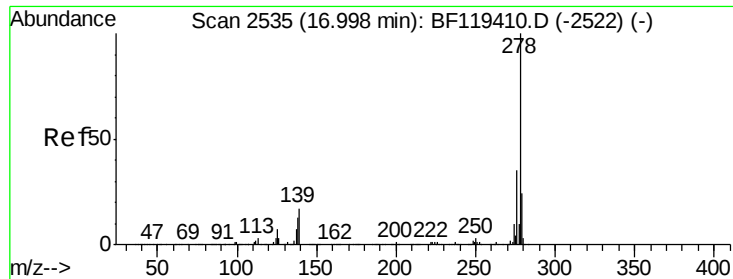
mohammad
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#90
Benzo(a)pyrene
Concen: 54.088 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion:252 Resp: 1495064
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 11.0 9.4 14.2





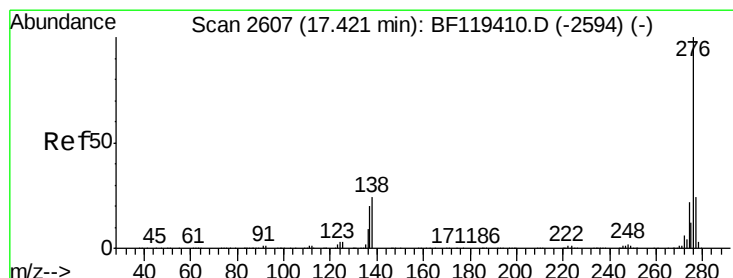
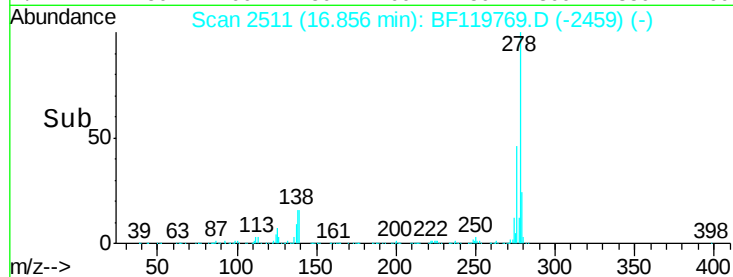
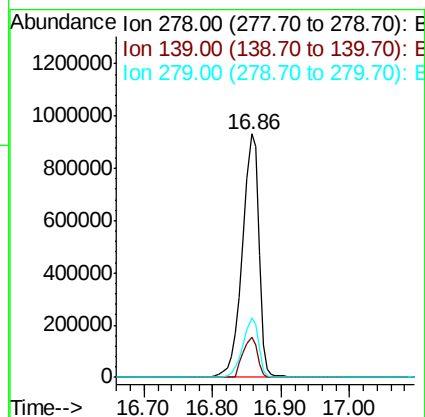
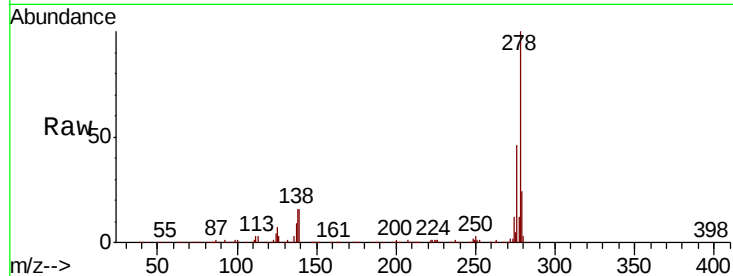
#91
Dibenzo(a,h)anthracene
Concen: 64.529 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion:278 Resp: 1560135
Ion Ratio Lower Upper
278 100
139 16.5 12.6 19.0
279 24.2 19.0 28.6

Manual Integrations
APPROVED

mohammad
4/8/2020 8:12:20 AM



#92
Benzo(g,h,i)perylene
Concen: 61.829 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF119769.D
Acq: 6 Apr 2020 14:04

Tgt Ion:276 Resp: 1501775
Ion Ratio Lower Upper
276 100
277 24.0 18.4 27.6
138 20.1 15.4 23.0

