

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128985.D
 Acq On : 24 Jun 2022 13:05
 Operator : CG\JU
 Sample : N3426-04DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2202-30DL

Quant Time: Jun 25 06:13:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

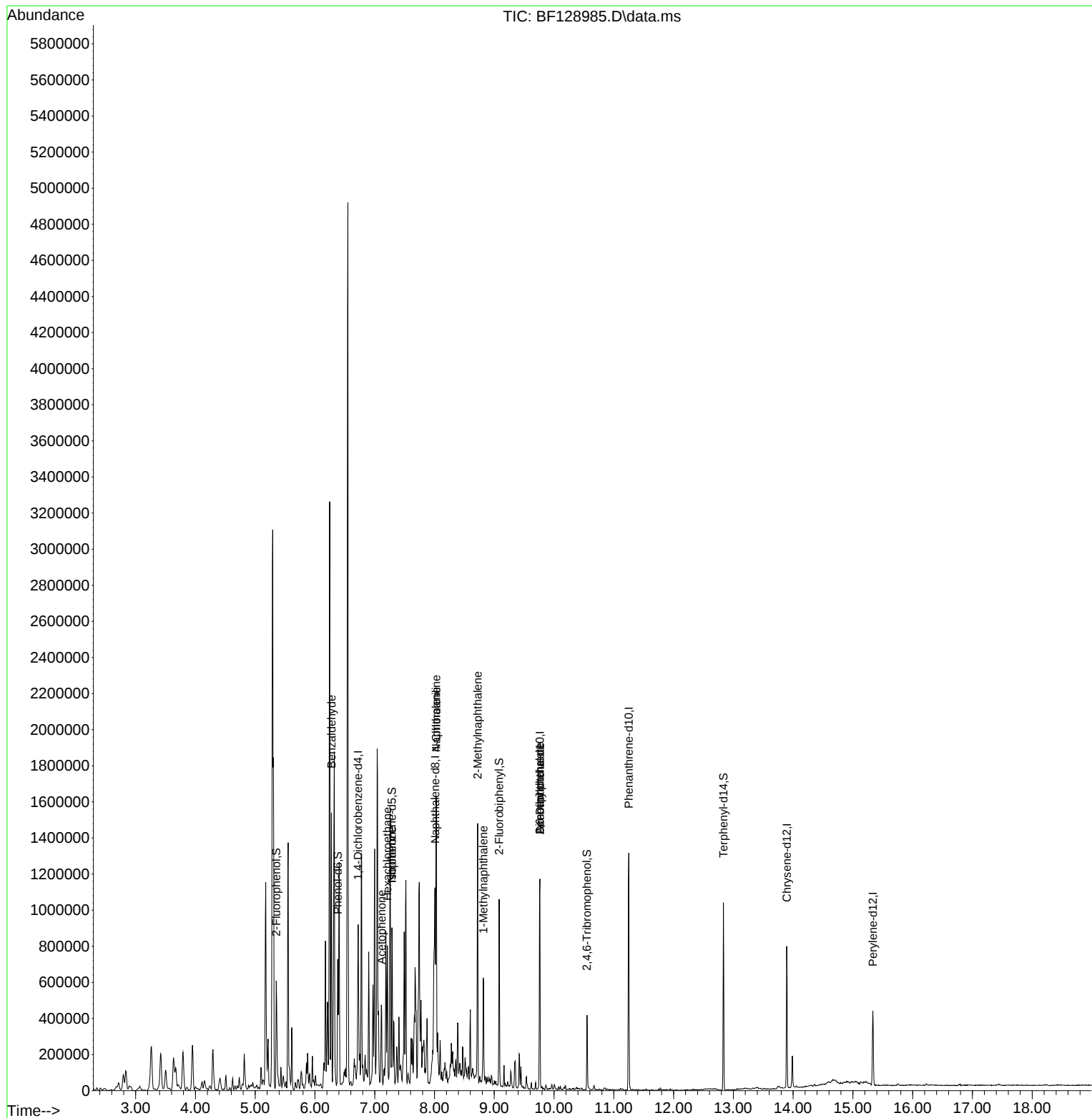
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	116014	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	431441	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	245670	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	487689	20.000	ng	# 0.00
76) Chrysene-d12	13.892	240	265450	20.000	ng	0.00
86) Perylene-d12	15.333	264	180547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	149692	20.552	ng	0.00
7) Phenol-d6	6.381	99	203981	22.943	ng	0.00
23) Nitrobenzene-d5	7.287	82	144210	15.562	ng	-0.02
42) 2,4,6-Tribromophenol	10.551	330	45262	15.593	ng	-0.01
45) 2-Fluorobiphenyl	9.081	172	277882	15.845	ng	-0.01
79) Terphenyl-d14	12.833	244	312763	20.473	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.275	77	56761	10.479	ng	# 1
18) Hexachloroethane	7.210	117	20077	6.202	ng	# 1
22) Acetophenone	7.116	105	124948	11.073	ng	# 57
25) Isophorone	7.287	82	140154	9.958	ng	# 66
31) Naphthalene	8.028	128	497491	22.468	ng	100
33) 4-Chloroaniline	8.028	127	68524	8.208	ng	# 38
37) 2-Methylnaphthalene	8.722	142	335827	23.846	ng	98
38) 1-Methylnaphthalene	8.816	142	152147	11.182	ng	98
50) Dimethylphthalate	9.763	163	45762	2.721	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	33143	9.986	ng	# 25

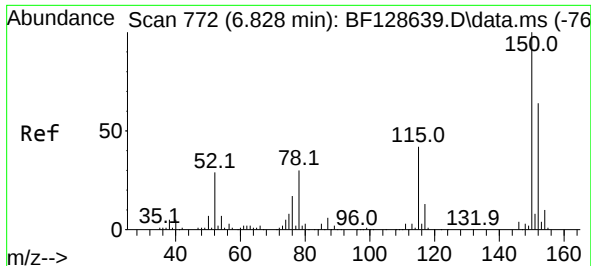
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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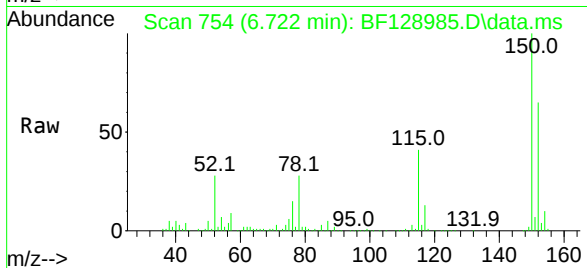
Quant Time: Jun 25 06:13:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
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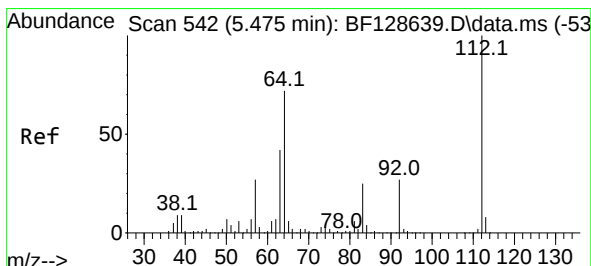
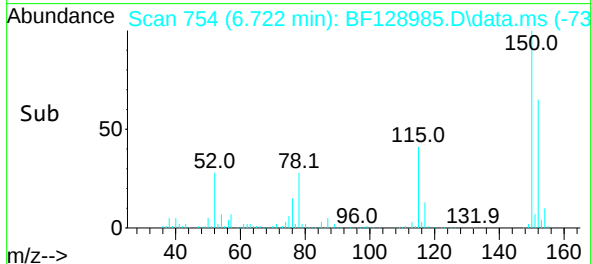
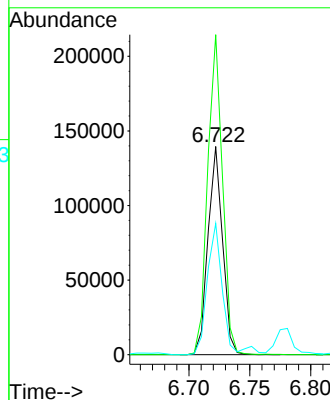


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

Instrument :
BNA_F
ClientSampleId :
B2202-30DL

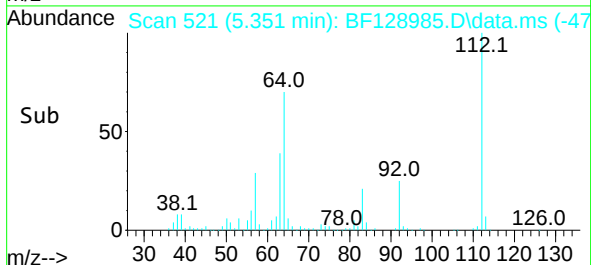
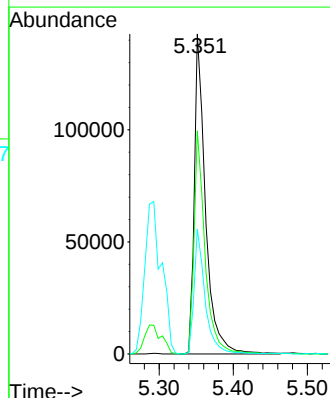
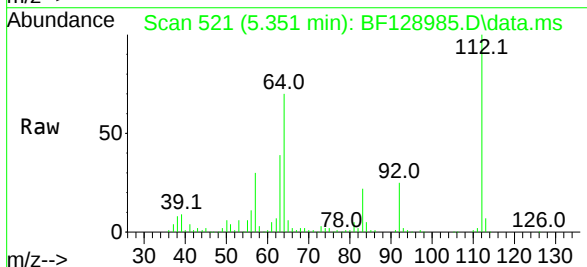


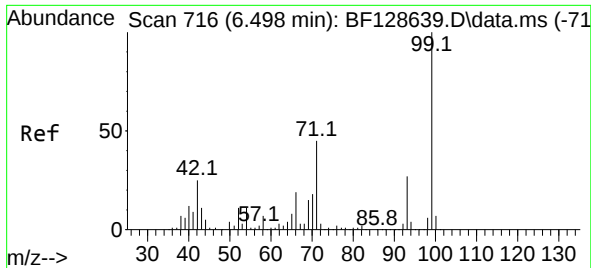
Tgt Ion:152 Resp: 116014
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 20.552 ng
RT: 5.351 min Scan# 521
Delta R.T. -0.006 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

Tgt Ion:112 Resp: 149692
Ion Ratio Lower Upper
112 100
64 69.7 53.3 79.9
63 39.0 28.0 42.0

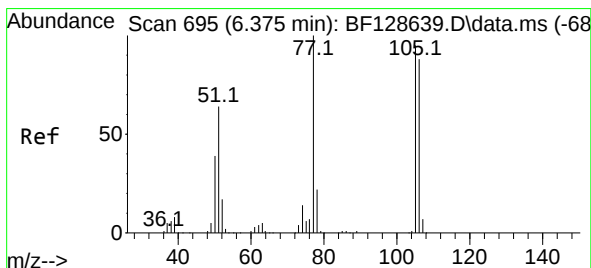
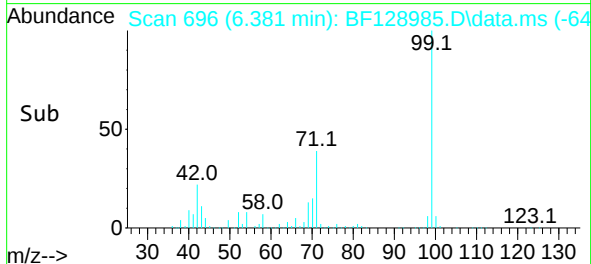
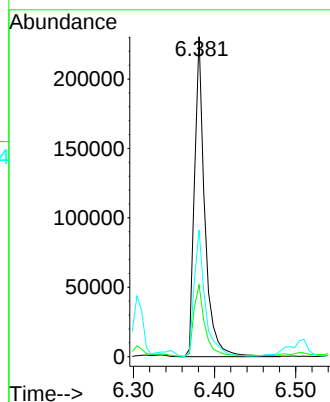
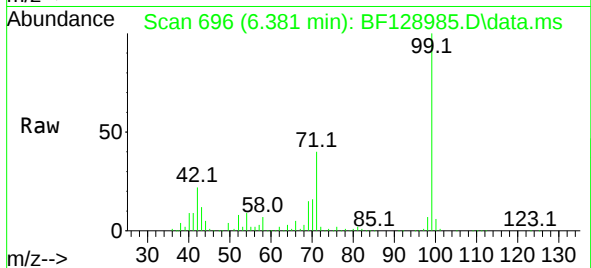




#7
Phenol-d6
Concen: 22.943 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

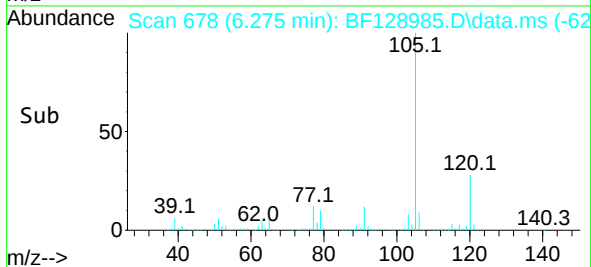
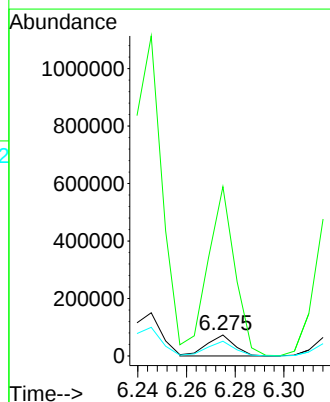
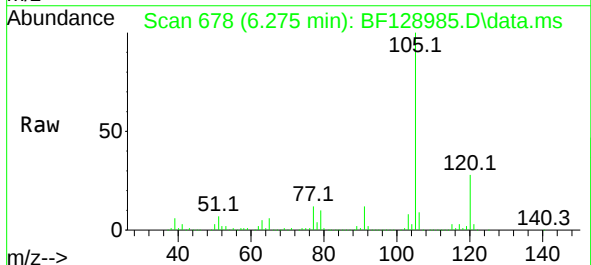
Instrument :
BNA_F
ClientSampleId :
B2202-30DL

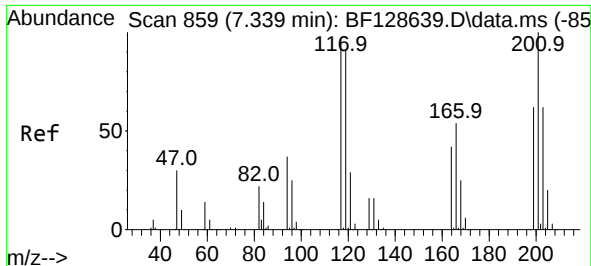
Tgt Ion: 99 Resp: 203981
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 39.5 28.9 43.3



#9
Benzaldehyde
Concen: 10.479 ng
RT: 6.275 min Scan# 678
Delta R.T. -0.006 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

Tgt Ion: 77 Resp: 56761
Ion Ratio Lower Upper
77 100
105 803.8 81.6 121.6#
106 70.1 76.1 116.1#

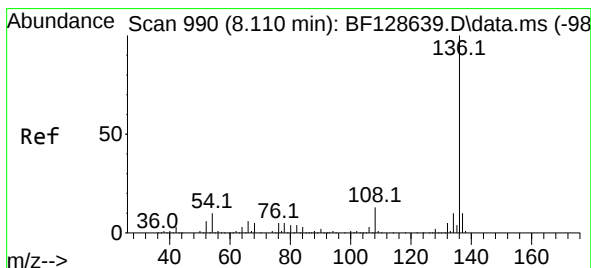
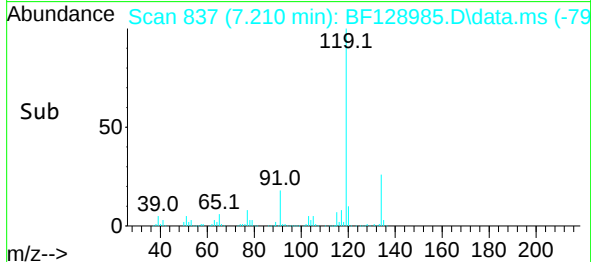
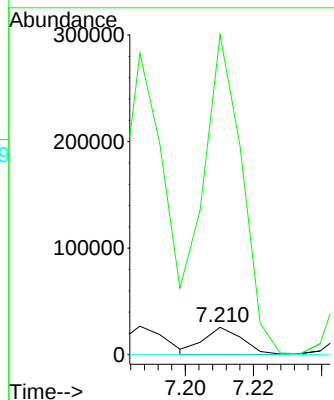
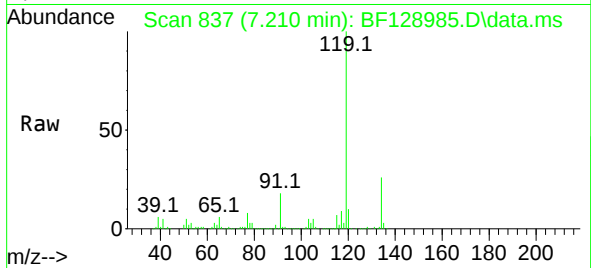




#18
Hexachloroethane
Concen: 6.202 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.023 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

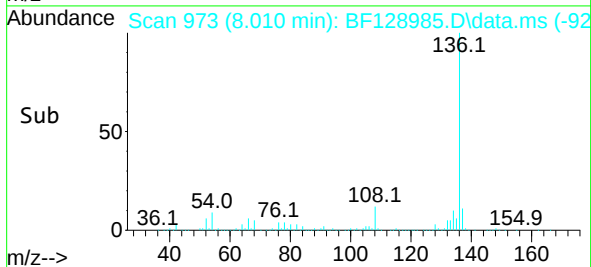
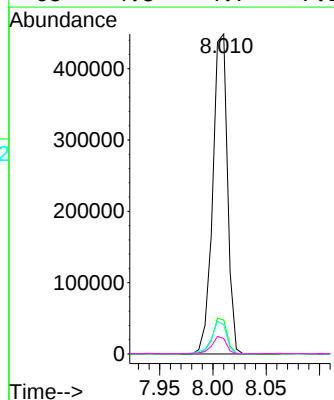
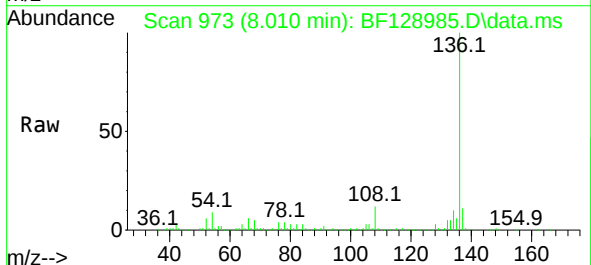
Instrument :
BNA_F
ClientSampleId :
B2202-30DL

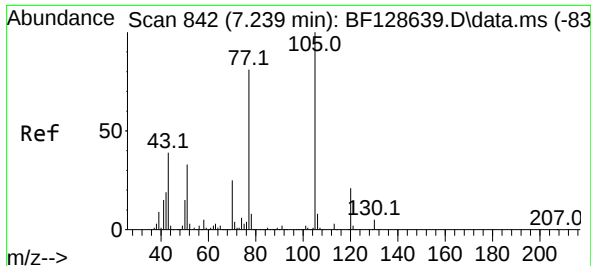
Tgt Ion:117 Resp: 20077
Ion Ratio Lower Upper
117 100
119 1166.7 77.4 116.2#
201 0.0 84.6 127.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

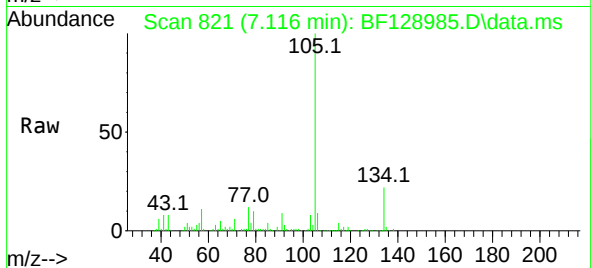
Tgt Ion:136 Resp: 431441
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.1 7.5 11.3
68 4.8 4.7 7.1



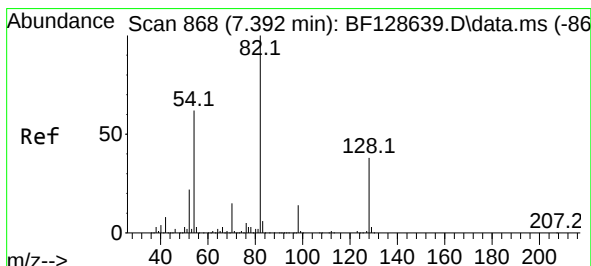
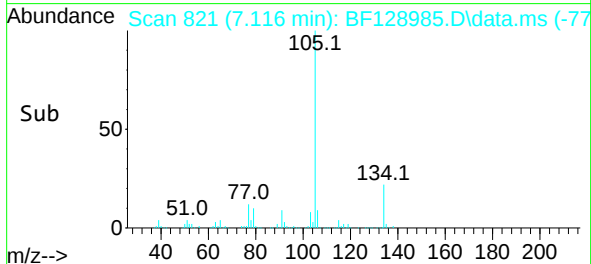
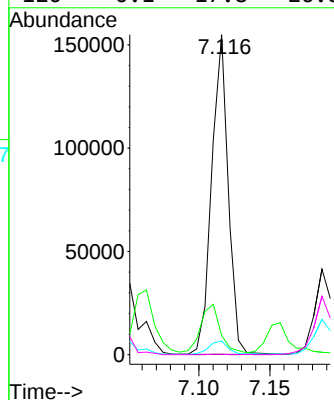


#22
Acetophenone
Concen: 11.073 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.029 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

Instrument :
BNA_F
ClientSampleId :
B2202-30DL

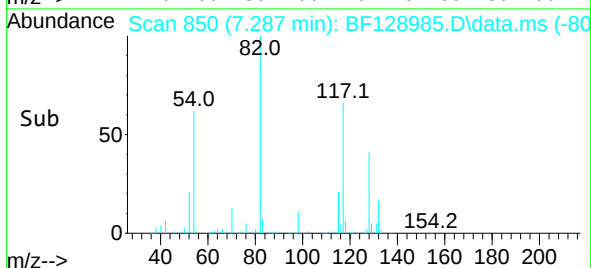
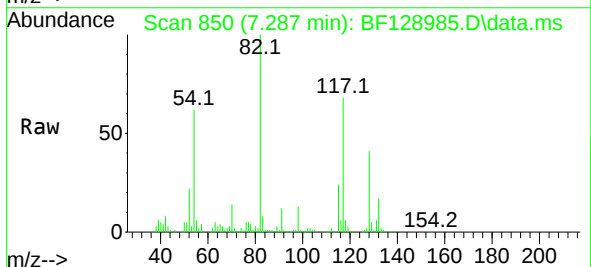
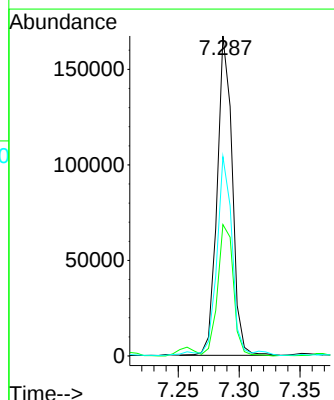


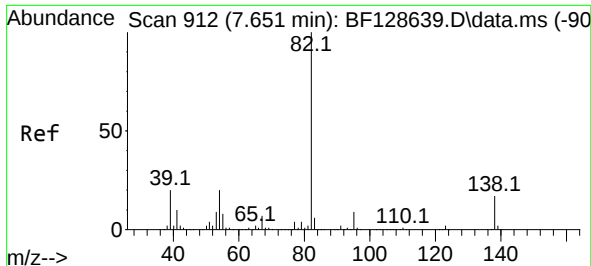
Tgt Ion:	105	Resp:	124948
Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.0	7.4
51	4.2	25.0	37.4#
120	0.1	17.8	26.8#



#23
Nitrobenzene-d5
Concen: 15.562 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.018 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

Tgt Ion:	82	Resp:	144210
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.0	51.0
54	62.3	46.9	70.3

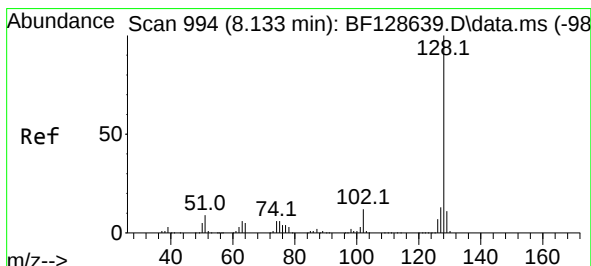
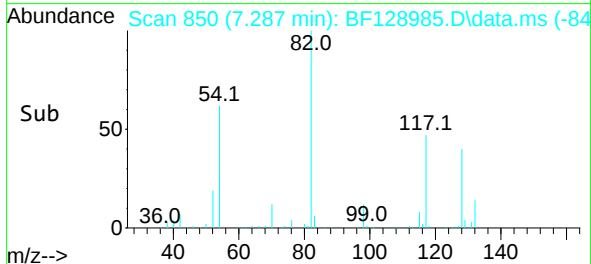
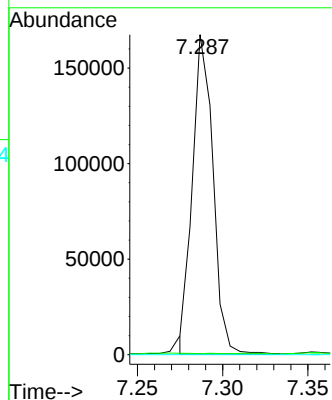
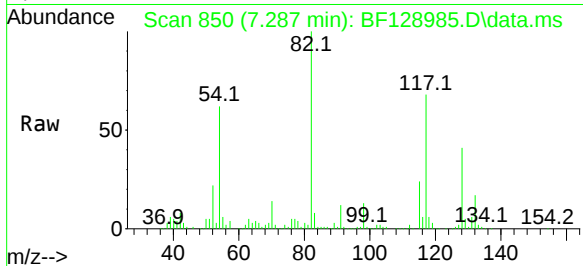




#25
Isophorone
Concen: 9.958 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

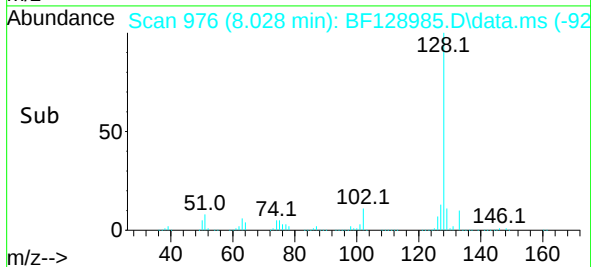
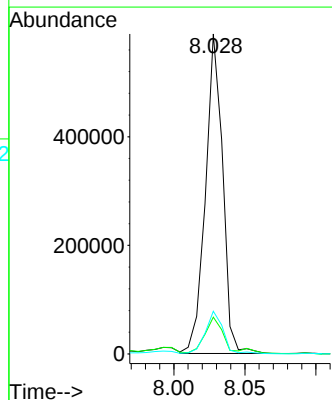
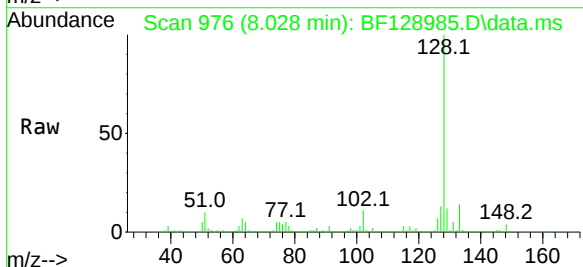
Instrument :
BNA_F
ClientSampleId :
B2202-30DL

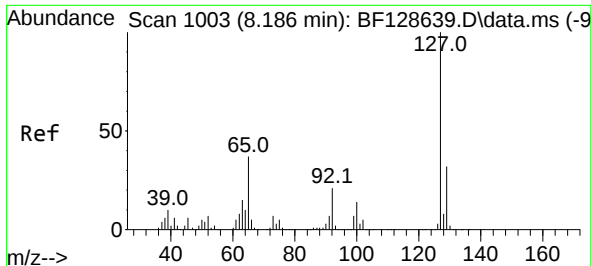
Tgt Ion: 82 Resp: 140154
Ion Ratio Lower Upper
82 100
95 0.3 5.7 8.5#
138 0.0 14.2 21.2#



#31
Naphthalene
Concen: 22.468 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

Tgt Ion:128 Resp: 497491
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.4 10.5 15.7

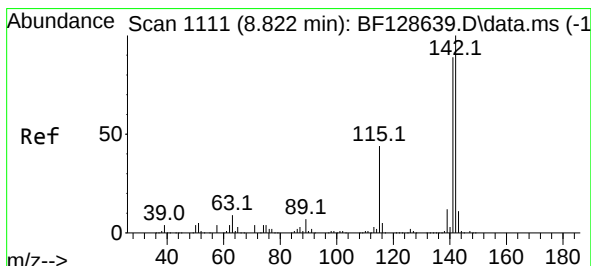
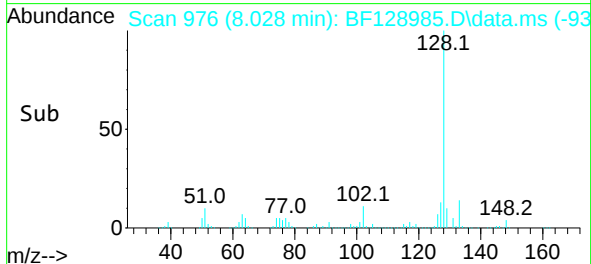
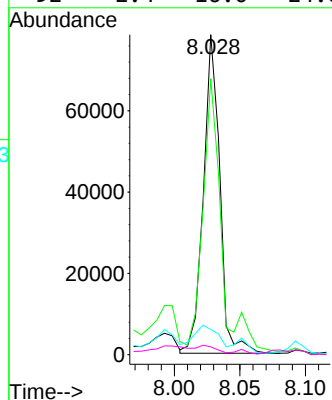
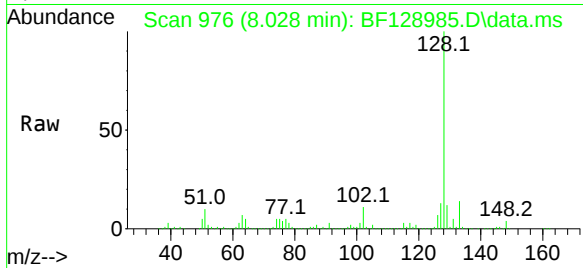




#33
4-Chloroaniline
Concen: 8.208 ng
RT: 8.028 min Scan# 91
Delta R.T. -0.065 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

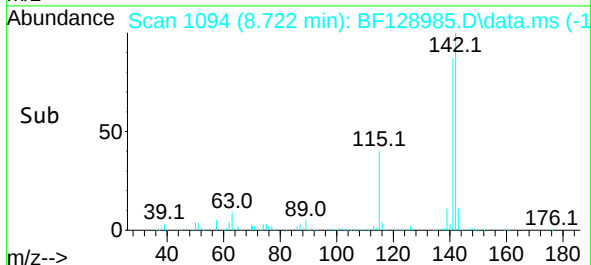
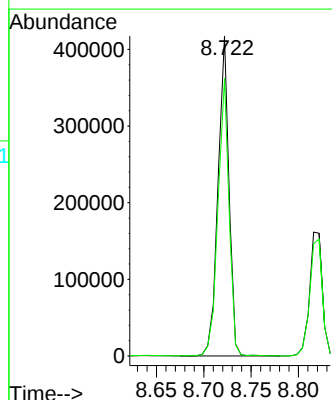
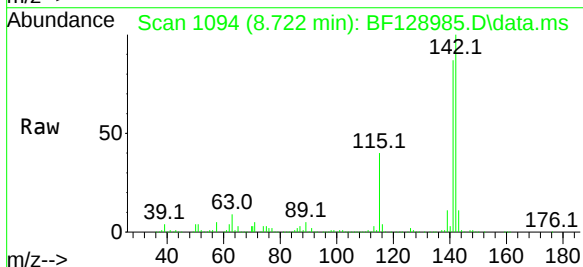
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ClientSampleId :
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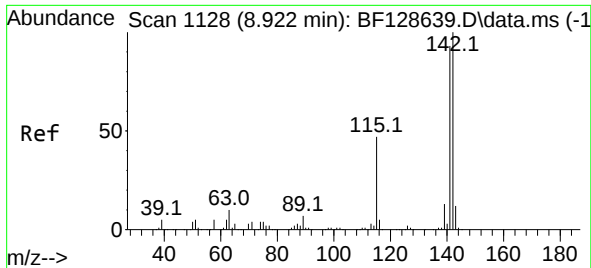
Tgt Ion:	127	Resp:	68524
Ion Ratio	Lower	Upper	
127	100		
129	86.2	26.4	39.6#
65	7.9	26.4	39.6#
92	2.4	16.0	24.0#



#37
2-Methylnaphthalene
Concen: 23.846 ng
RT: 8.722 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

Tgt Ion:	142	Resp:	335827
Ion Ratio	Lower	Upper	
142	100		
141	86.7	71.0	106.4

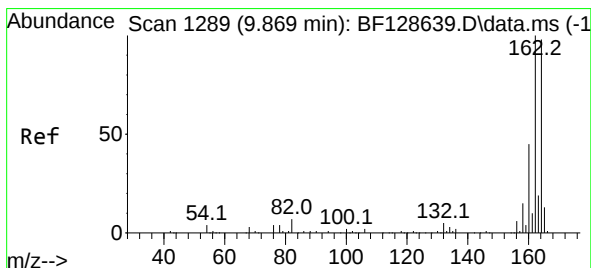
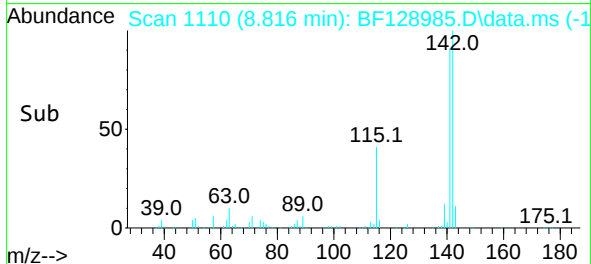
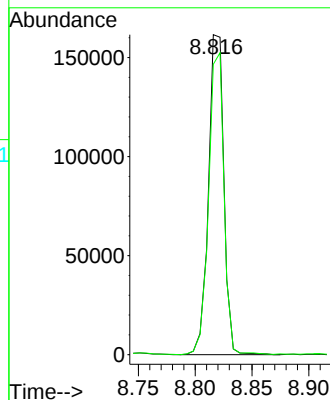
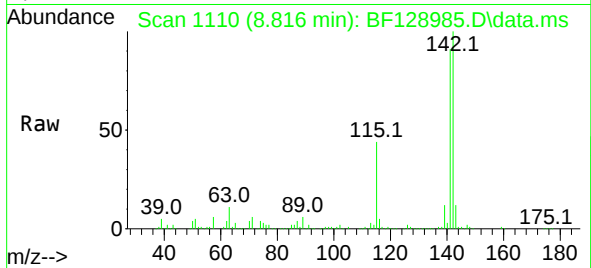




#38
1-Methylnaphthalene
Concen: 11.182 ng
RT: 8.816 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

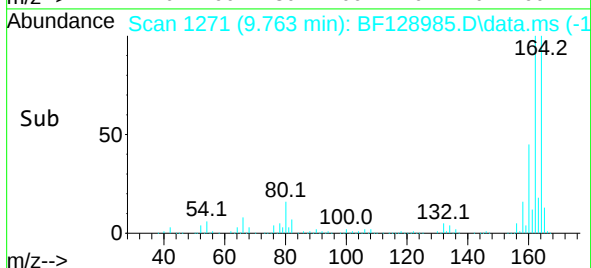
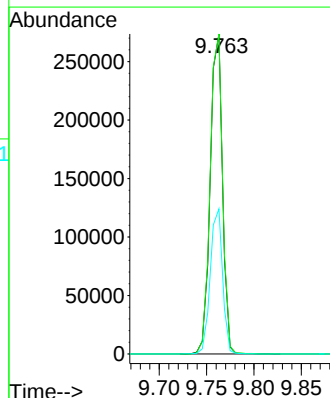
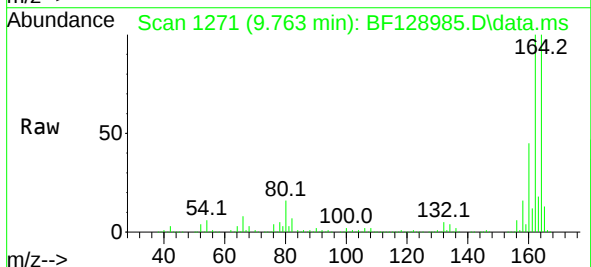
Instrument :
BNA_F
ClientSampleId :
B2202-30DL

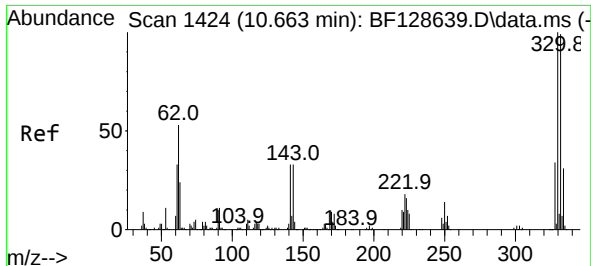
Tgt Ion:142 Resp: 152147
Ion Ratio Lower Upper
142 100
141 90.7 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

Tgt Ion:164 Resp: 245670
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 15.593 ng

RT: 10.551 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128985.D

Acq: 24 Jun 2022 13:05

Instrument :

BNA_F

ClientSampleId :

B2202-30DL

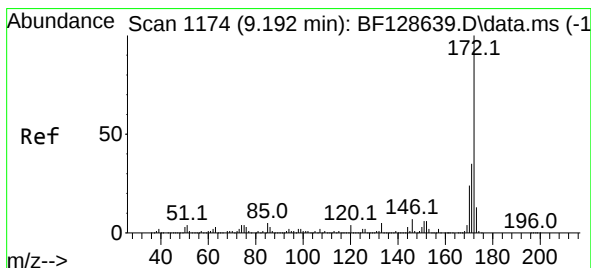
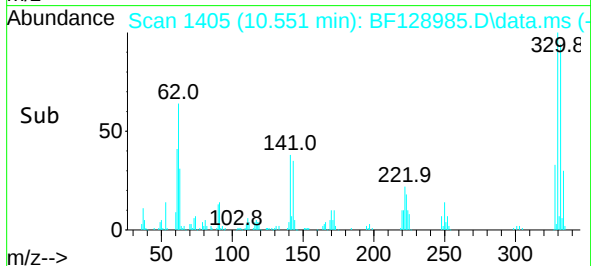
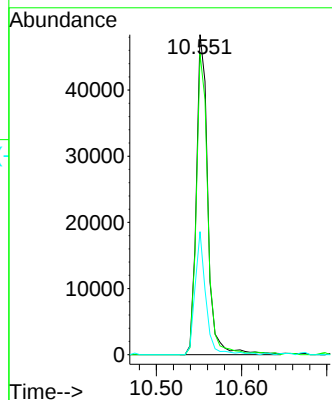
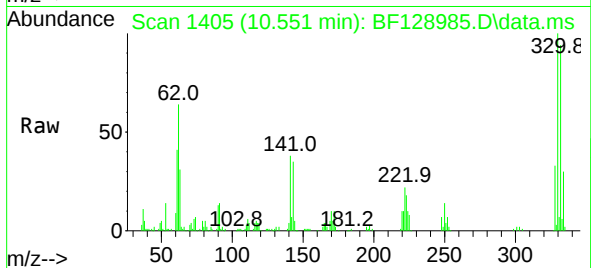
Tgt Ion:330 Resp: 45262

Ion Ratio Lower Upper

330 100

332 93.3 76.8 115.2

141 36.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 15.845 ng

RT: 9.081 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF128985.D

Acq: 24 Jun 2022 13:05

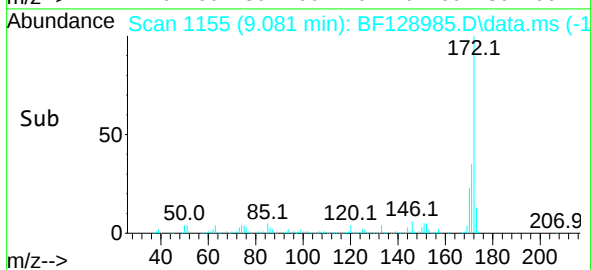
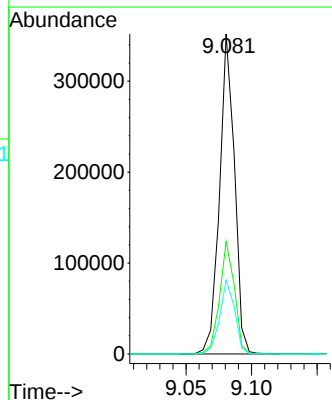
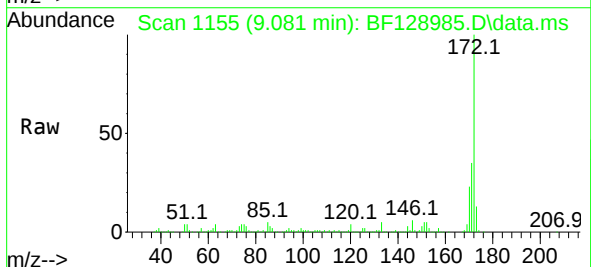
Tgt Ion:172 Resp: 277882

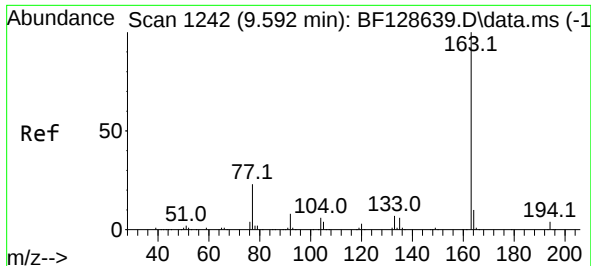
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.1 19.8 29.8

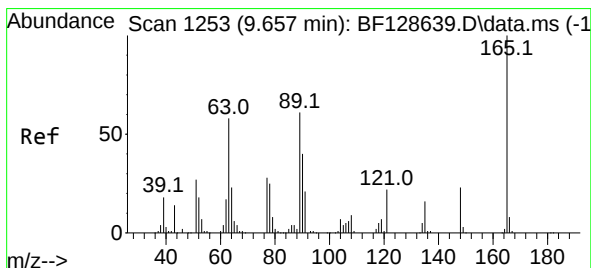
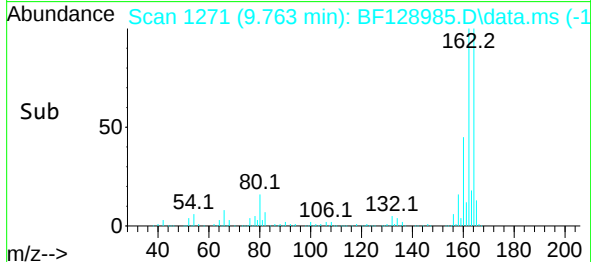
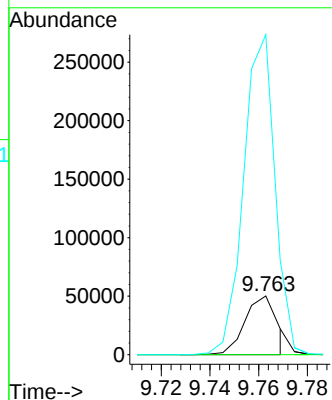
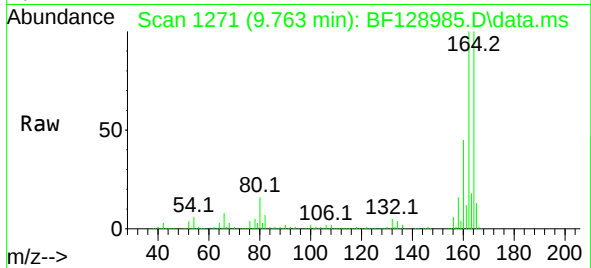




#50
Dimethylphthalate
Concen: 2.721 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.265 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

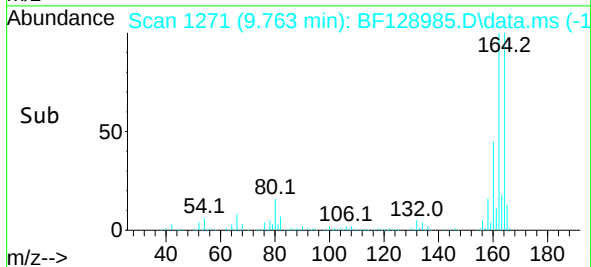
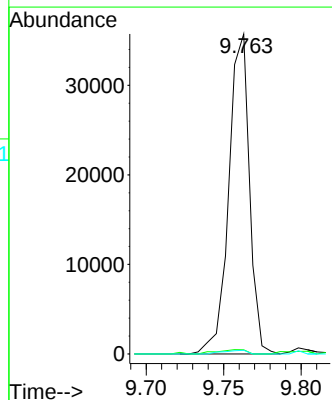
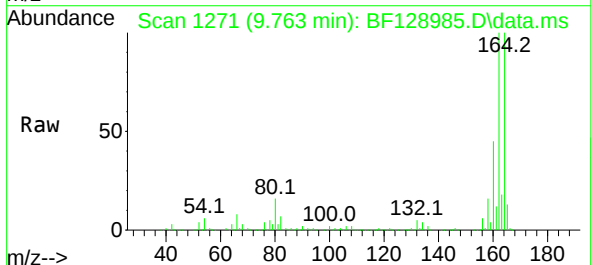
Instrument :
BNA_F
ClientSampleId :
B2202-30DL

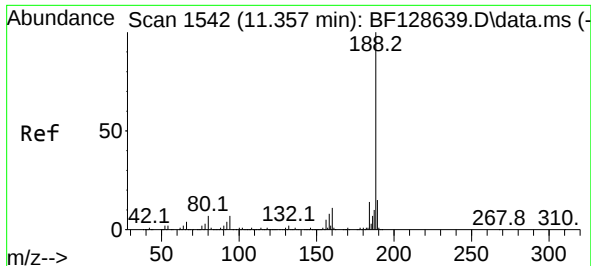
Tgt Ion:163 Resp: 45762
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 545.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.986 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

Tgt Ion:165 Resp: 33143
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.2 43.6 65.4#

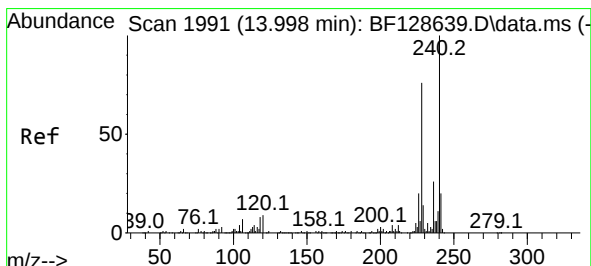
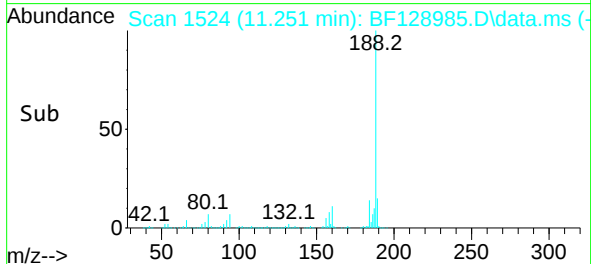
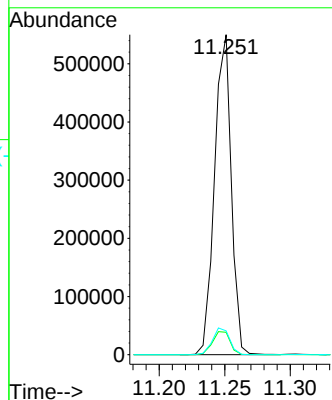
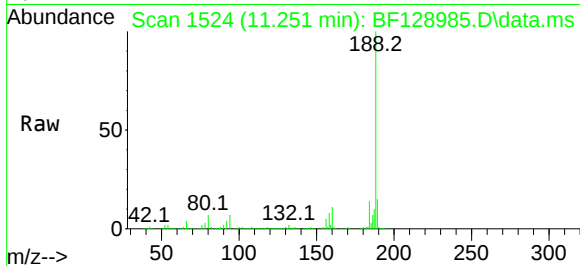




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

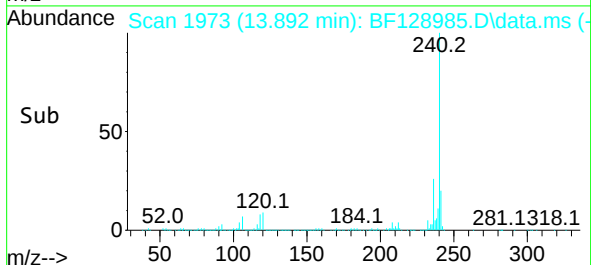
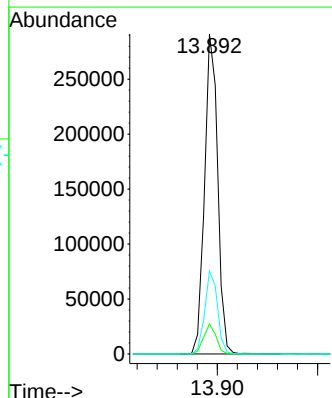
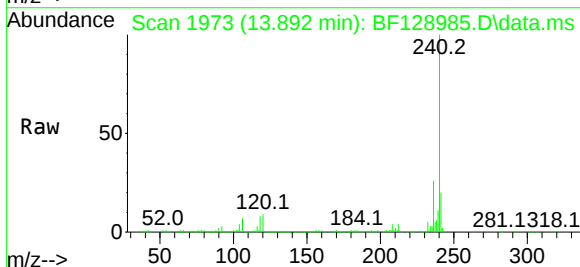
Instrument :
BNA_F
ClientSampleId :
B2202-30DL

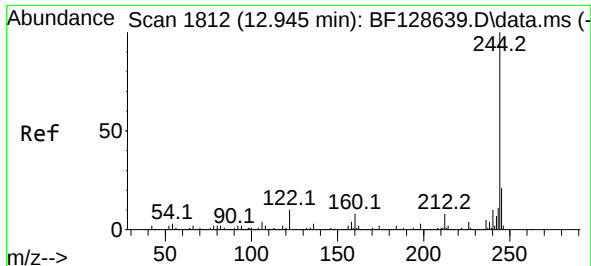
Tgt Ion:188 Resp: 487689
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.5 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF128985.D
Acq: 24 Jun 2022 13:05

Tgt Ion:240 Resp: 265450
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 25.9 20.8 31.2

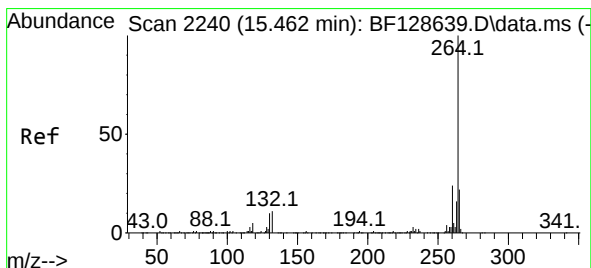
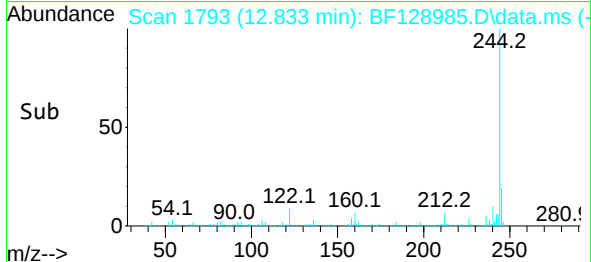
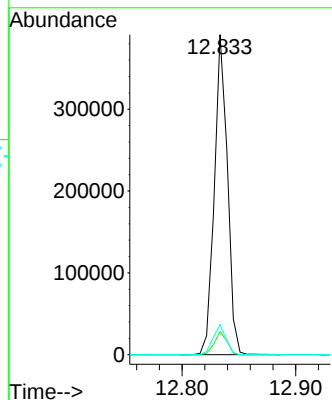
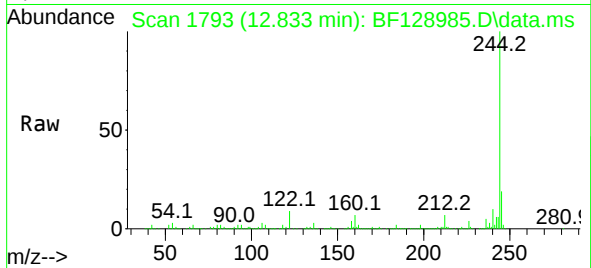




#79
 Terphenyl-d14
 Concen: 20.473 ng
 RT: 12.833 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128985.D
 Acq: 24 Jun 2022 13:05

Instrument :
 BNA_F
 ClientSampleId :
 B2202-30DL

Tgt Ion:244 Resp: 312763
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 9.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.333 min Scan# 2218
 Delta R.T. 0.006 min
 Lab File: BF128985.D
 Acq: 24 Jun 2022 13:05

Tgt Ion:264 Resp: 180547
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 21.4 17.2 25.8

