

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124822.D
 Acq On : 28 Jul 2021 12:00
 Operator : JU/CG
 Sample : M3184-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210561-COM-34

Quant Time: Jul 28 13:05:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

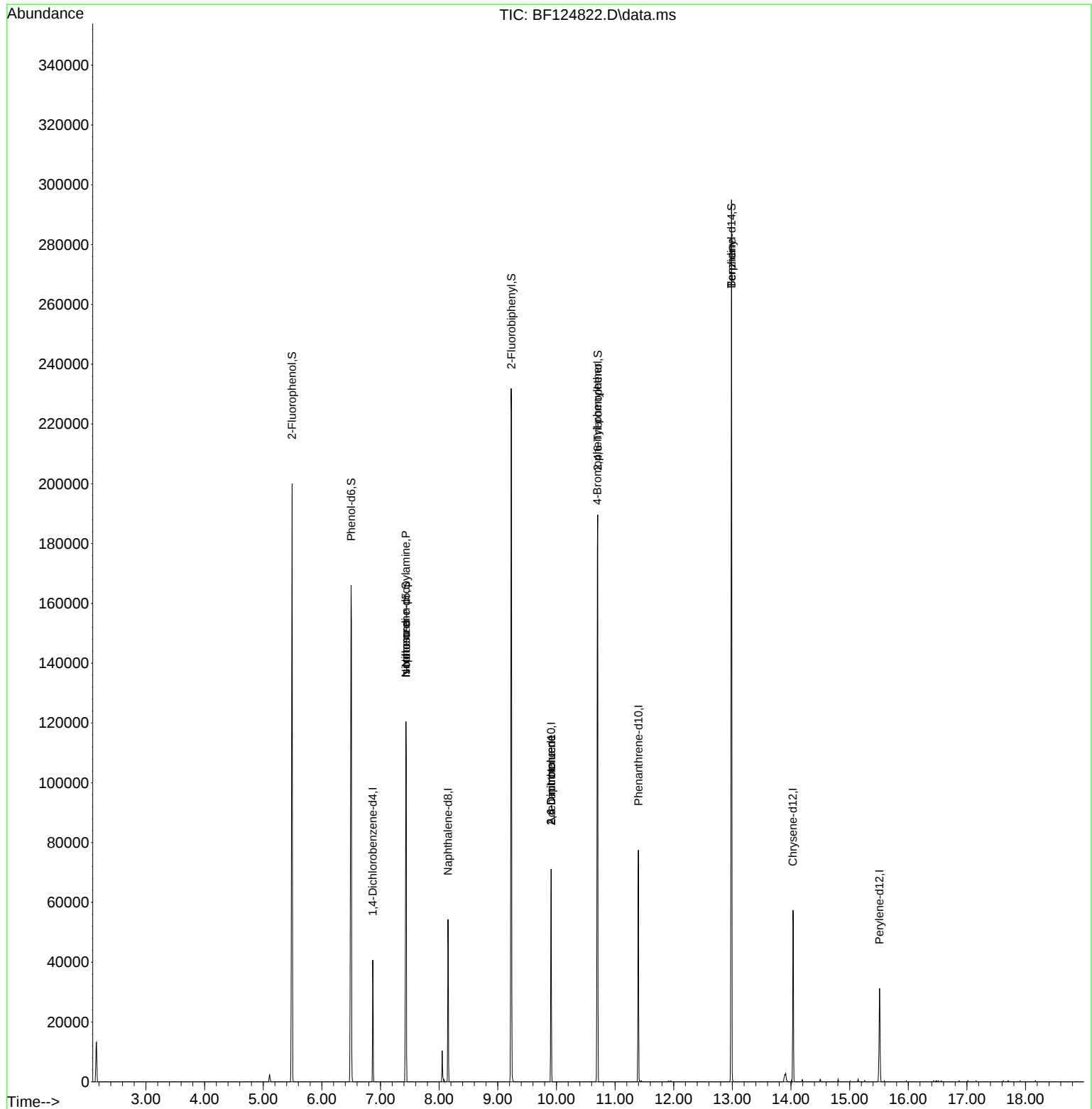
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5776	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	23531	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	13471	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	27794	20.000	ng	0.00
76) Chrysene-d12	14.033	240	21948	20.000	ng	0.00
86) Perylene-d12	15.509	264	16248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	53232	156.043	ng	0.01
7) Phenol-d6	6.498	99	64301	150.353	ng	0.00
23) Nitrobenzene-d5	7.433	82	41611	105.248	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	20246	175.045	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	75992	82.854	ng	0.00
79) Terphenyl-d14	12.986	244	97399	76.069	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	5323	23.309	ng	# 70
25) Isophorone	7.433	82	41609	59.519	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1734	8.462	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1734	6.235	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1783	6.049	ng	# 1
77) Benzidine	12.986	184	1440	2.327	ng	# 69

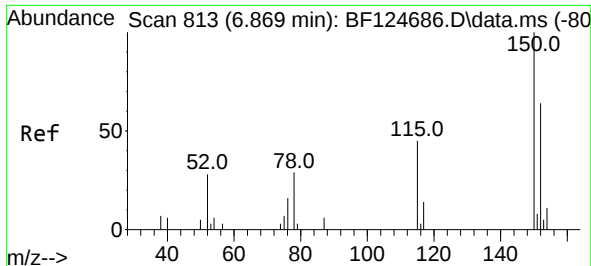
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124822.D
Acq On : 28 Jul 2021 12:00
Operator : JU/CG
Sample : M3184-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210561-COM-34

Quant Time: Jul 28 13:05:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

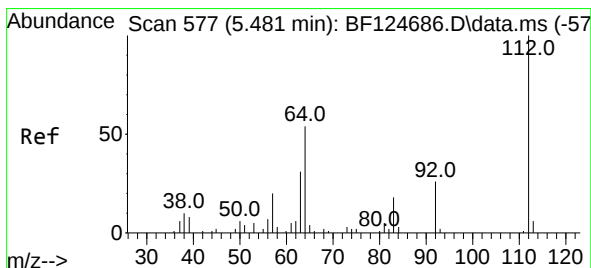
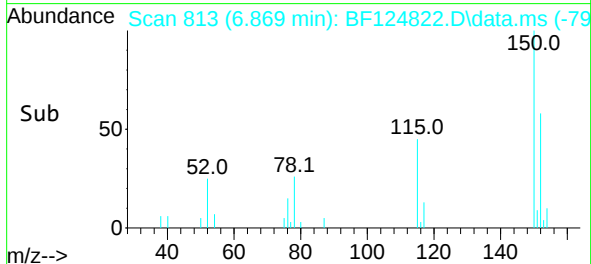
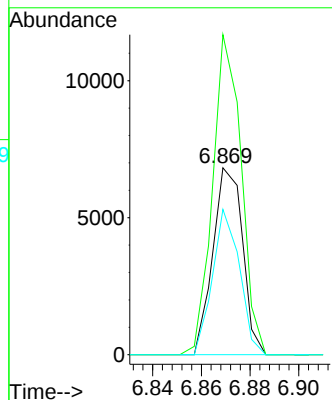
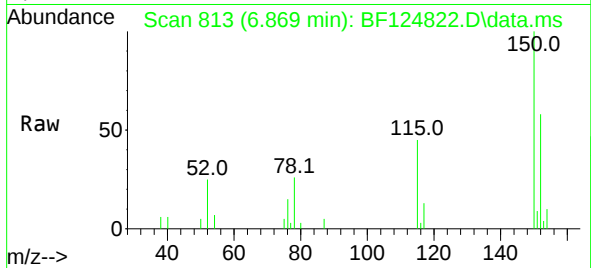




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

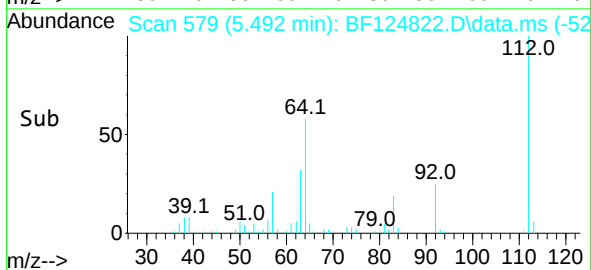
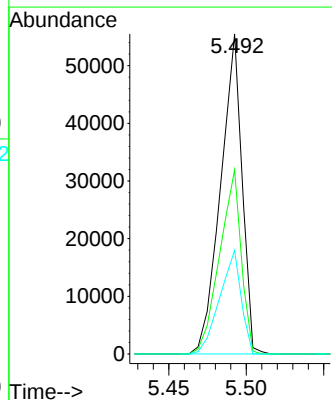
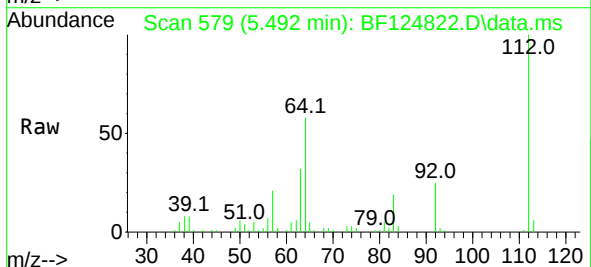
Instrument :
BNA_F
ClientSampleId :
20210561-COM-34

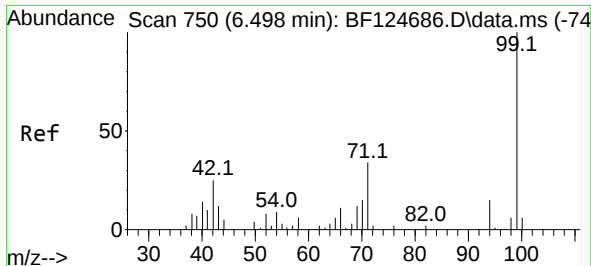
Tgt Ion:152 Resp: 5776
Ion Ratio Lower Upper
152 100
150 171.2 117.6 176.4
115 77.8 47.1 70.7#



#5
2-Fluorophenol
Concen: 156.043 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

Tgt Ion:112 Resp: 53232
Ion Ratio Lower Upper
112 100
64 57.5 44.2 66.2
63 32.4 26.2 39.2

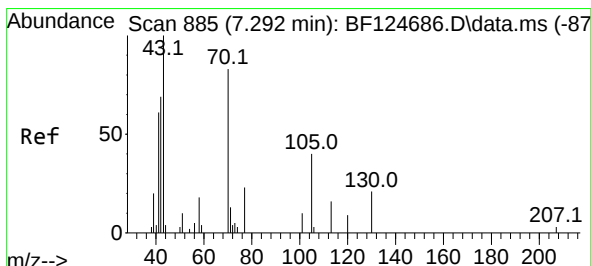
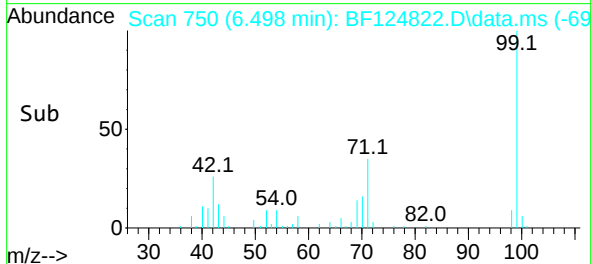
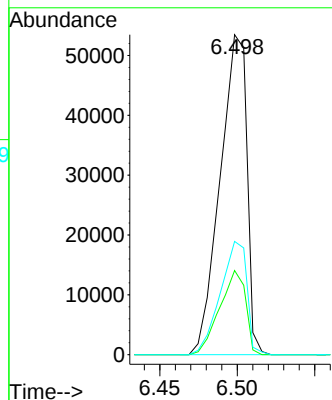
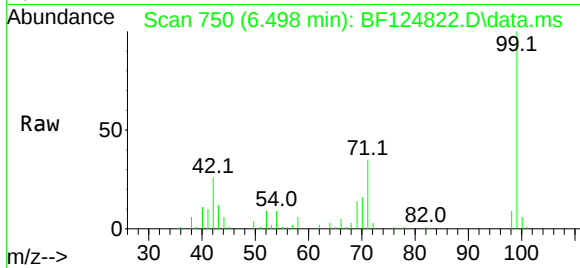




#7
Phenol-d6
Concen: 150.353 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

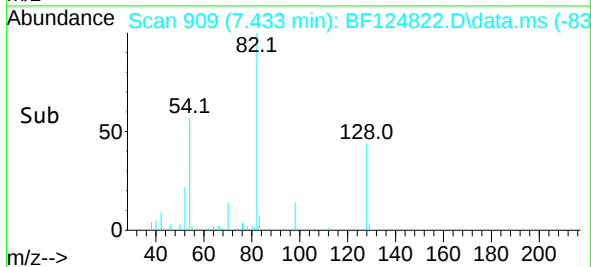
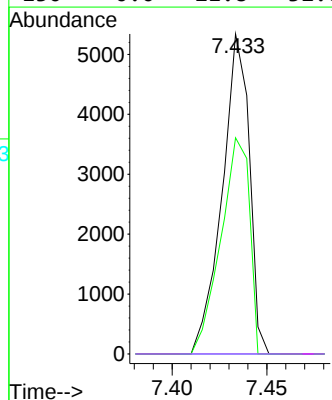
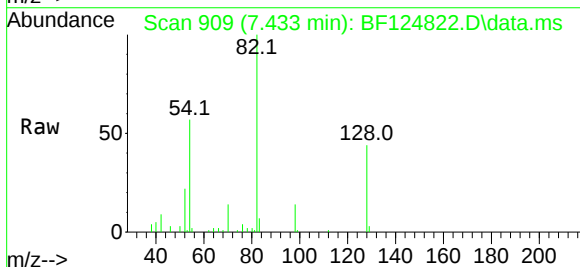
Instrument :
BNA_F
ClientSampleId :
20210561-COM-34

Tgt Ion:	99	Resp:	64301
Ion	Ratio	Lower	Upper
99	100		
42	26.3	23.5	35.3
71	35.4	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 23.309 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

Tgt Ion:	70	Resp:	5323
Ion	Ratio	Lower	Upper
70	100		
42	67.5	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

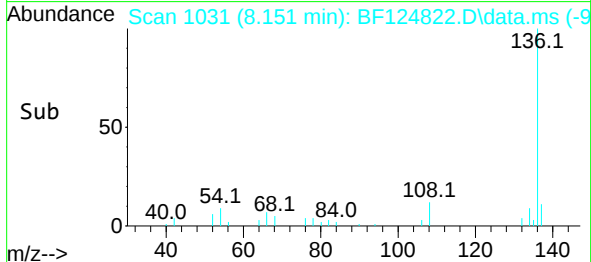
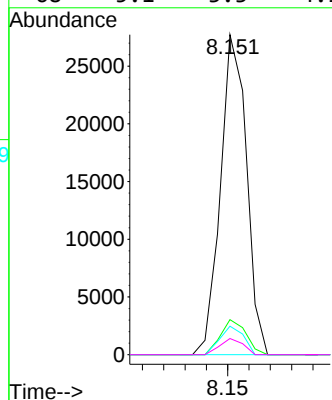
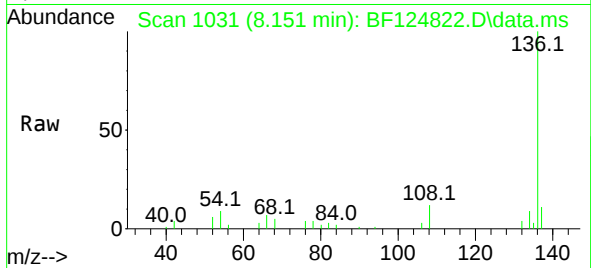




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

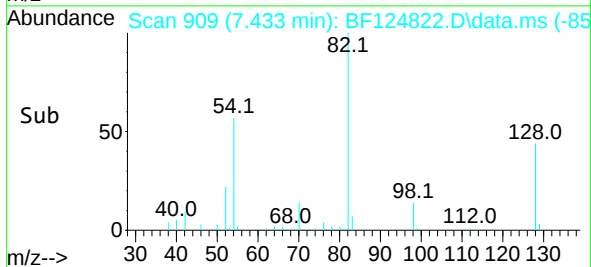
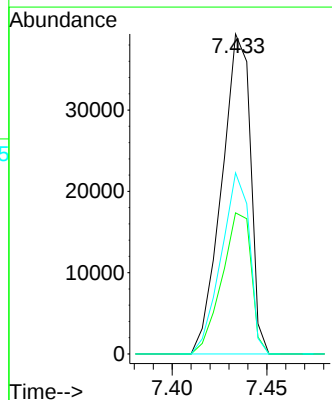
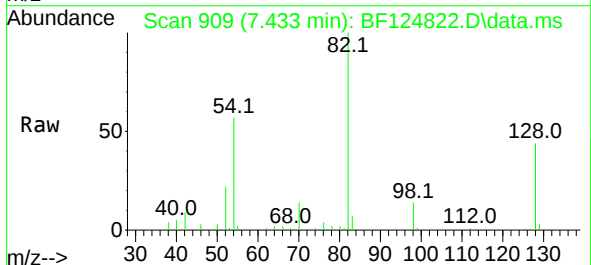
Instrument :
BNA_F
ClientSampleId :
20210561-COM-34

Tgt Ion:	136	Resp:	23531
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.6
54	8.9	6.4	9.6
68	5.1	3.3	4.9



#23
Nitrobenzene-d5
Concen: 105.248 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

Tgt Ion:	82	Resp:	41611
Ion Ratio	Lower	Upper	
82	100		
128	44.1	40.6	60.8
54	56.6	49.6	74.4

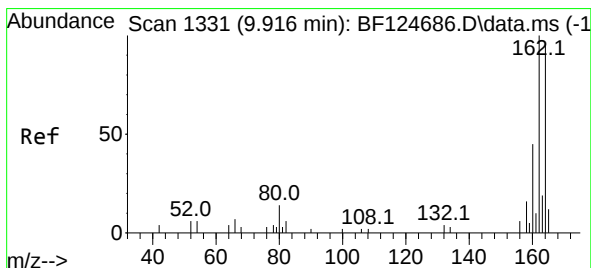
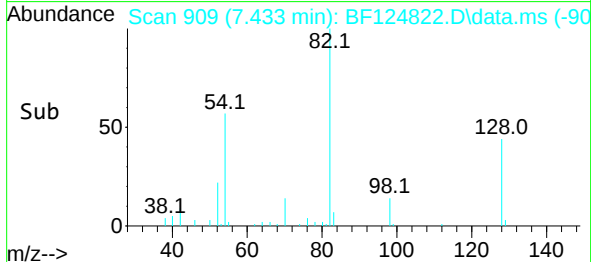
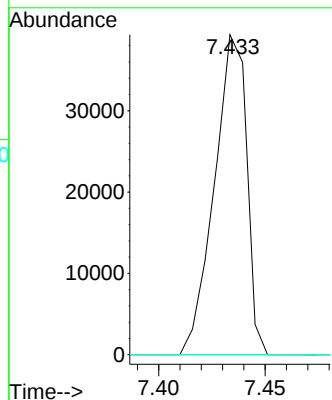
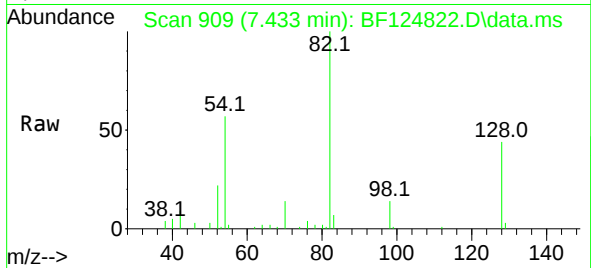




#25
Isophorone
Concen: 59.519 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

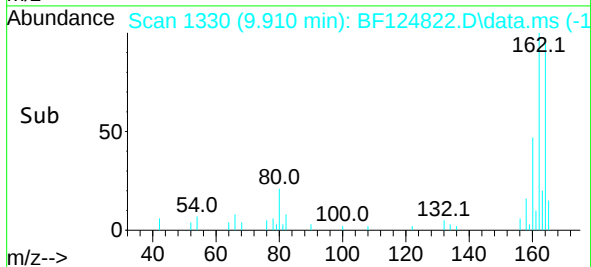
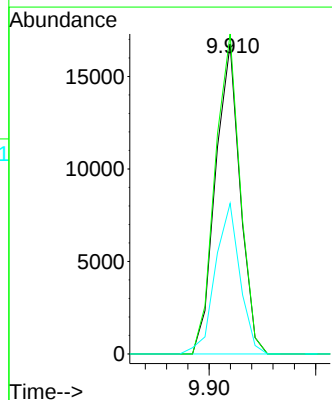
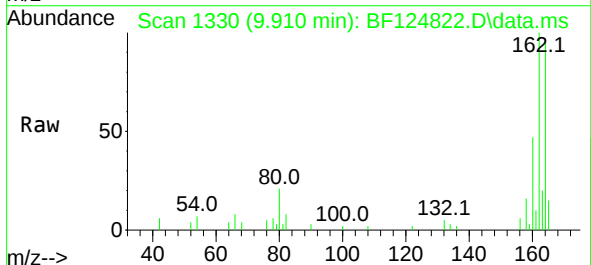
Instrument :
BNA_F
ClientSampleId :
20210561-COM-34

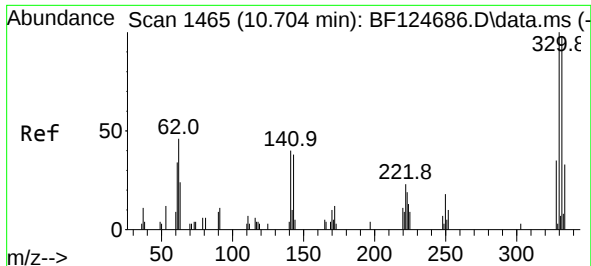
Tgt Ion: 82 Resp: 41609
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

Tgt Ion: 164 Resp: 13471
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 48.6 38.0 57.0

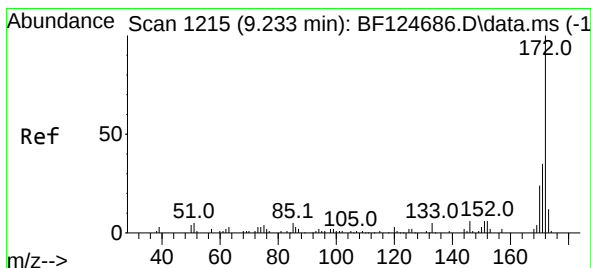
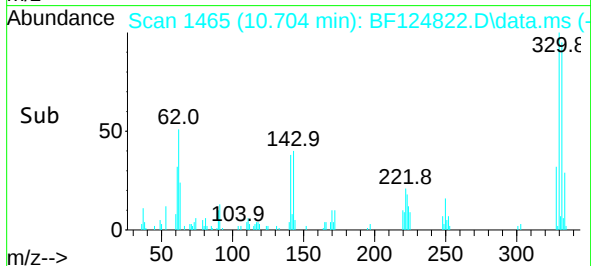
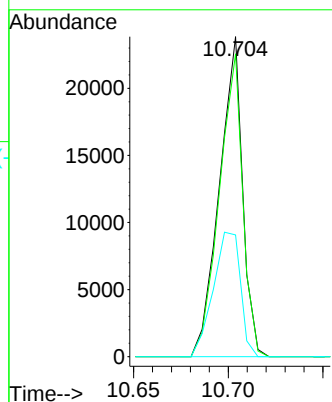
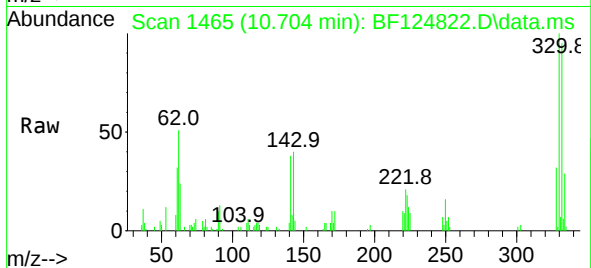




#42
2,4,6-Tribromophenol
Concen: 175.045 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

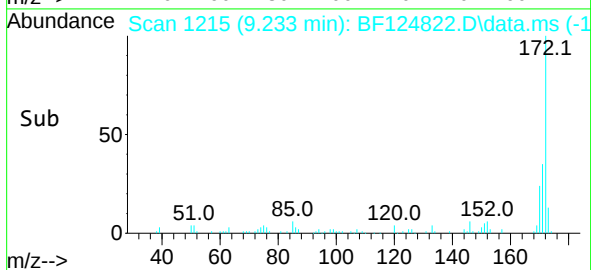
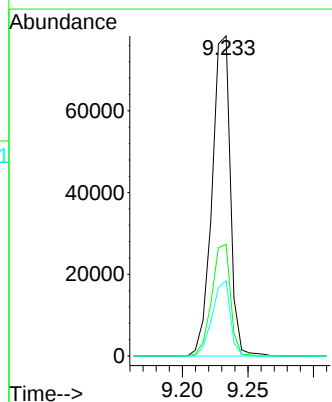
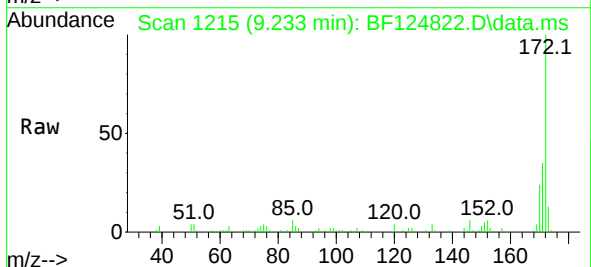
Instrument :
BNA_F
ClientSampleId :
20210561-COM-34

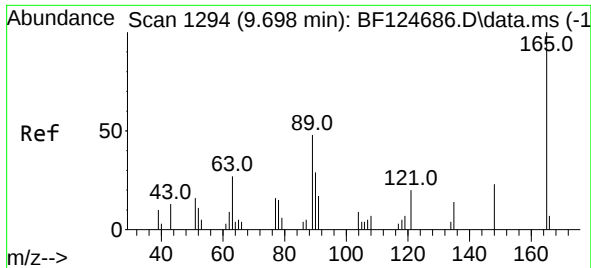
Tgt Ion: 330 Resp: 20246
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 45.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 82.854 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

Tgt Ion: 172 Resp: 75992
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.5 18.8 28.2

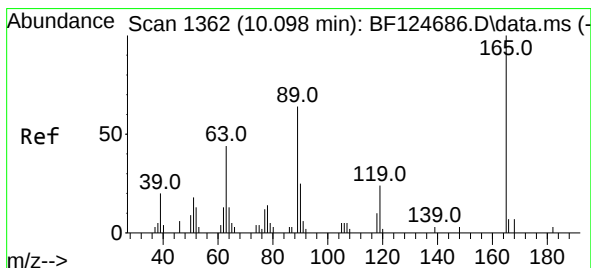
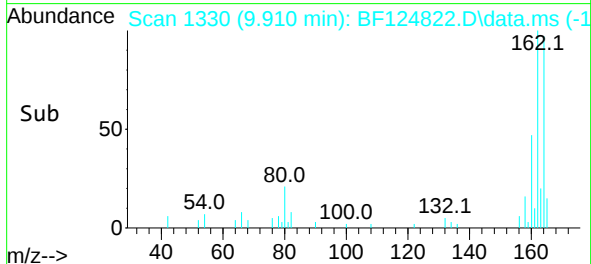
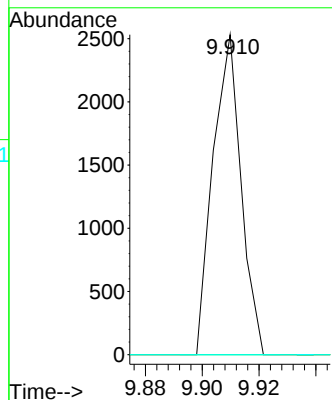
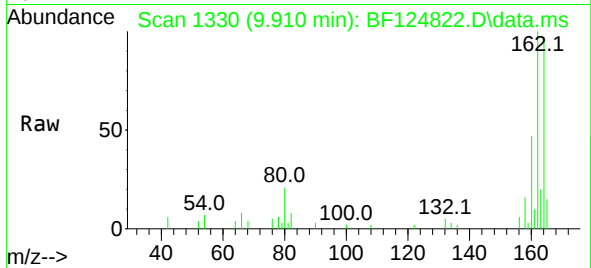




#51
2,6-Dinitrotoluene
Concen: 8.462 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

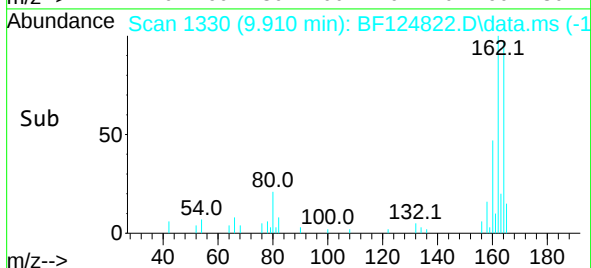
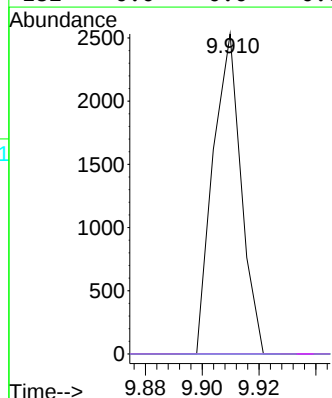
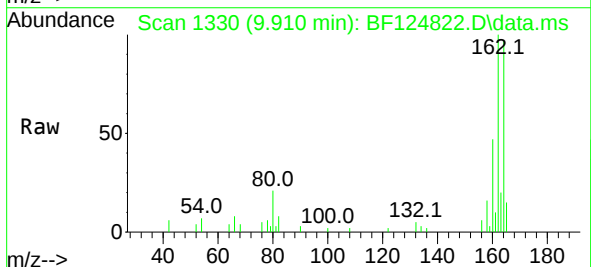
Instrument :
BNA_F
ClientSampleId :
20210561-COM-34

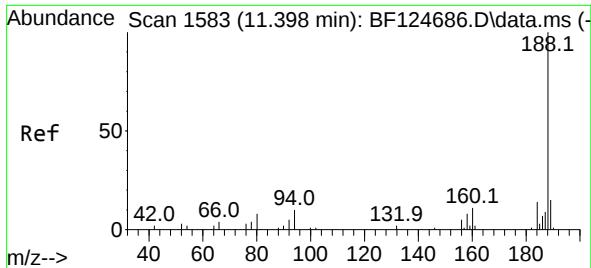
Tgt Ion:165 Resp: 1734
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.235 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

Tgt Ion:165 Resp: 1734
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

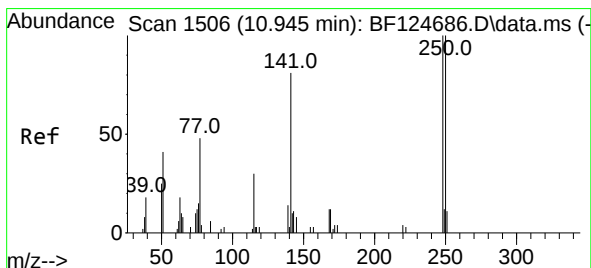
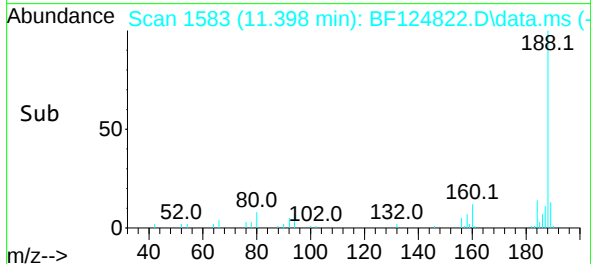
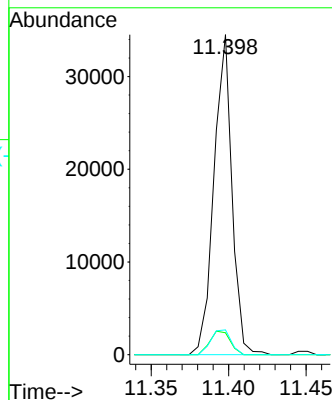
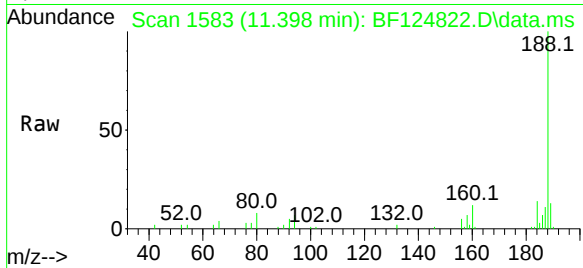




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

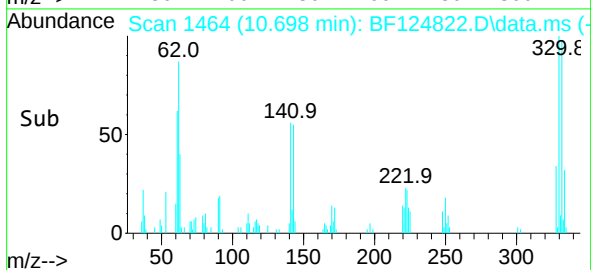
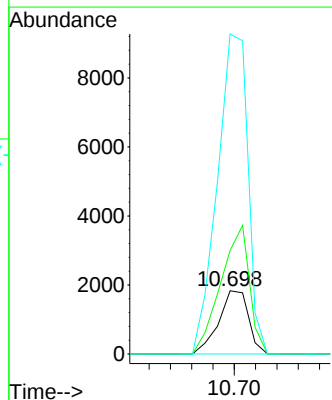
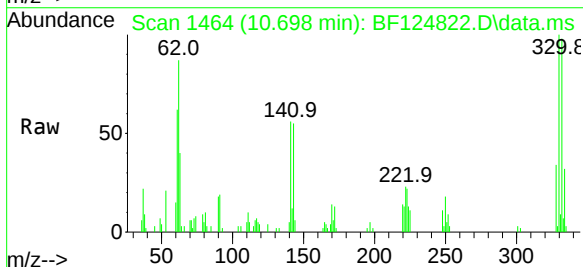
Instrument :
BNA_F
ClientSampleId :
20210561-COM-34

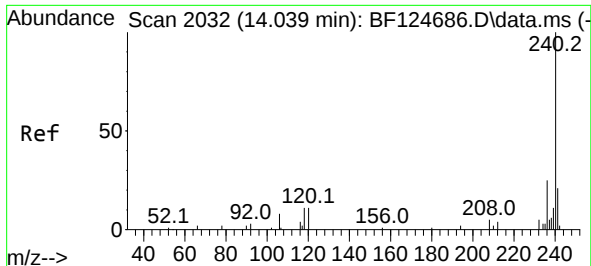
Tgt Ion:188 Resp: 27794
Ion Ratio Lower Upper
188 100
94 6.9 6.7 10.1
80 7.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 6.049 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

Tgt Ion:248 Resp: 1783
Ion Ratio Lower Upper
248 100
250 163.5 74.2 111.4#
141 505.7 60.4 90.6#

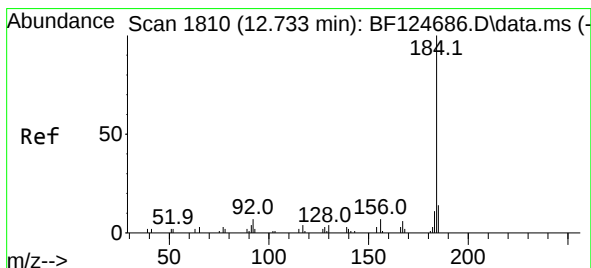
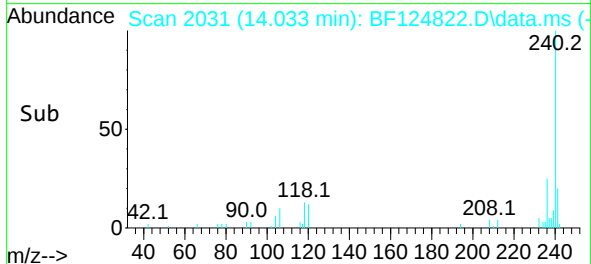
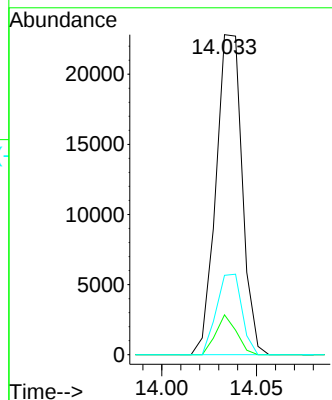
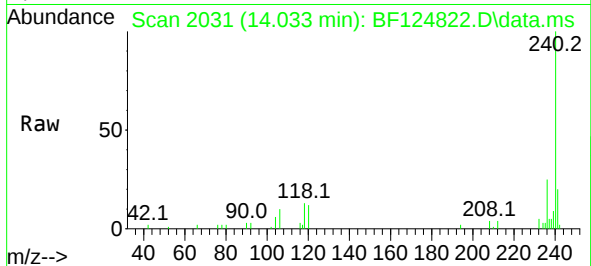




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

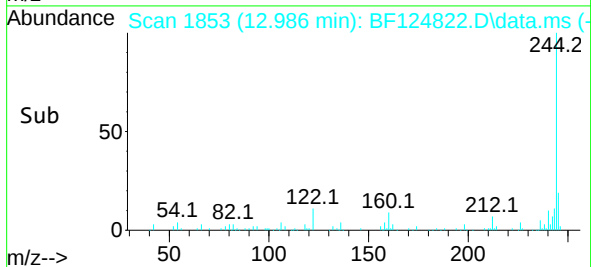
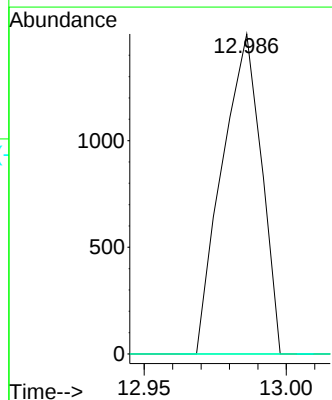
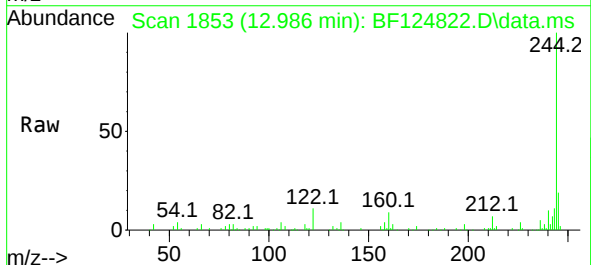
Instrument :
BNA_F
ClientSampleId :
20210561-COM-34

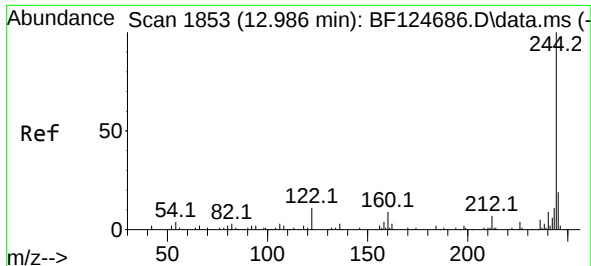
Tgt Ion:240 Resp: 21948
Ion Ratio Lower Upper
240 100
120 12.4 10.8 16.2
236 24.8 21.6 32.4



#77
Benzidine
Concen: 2.327 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124822.D
Acq: 28 Jul 2021 12:00

Tgt Ion:184 Resp: 1440
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

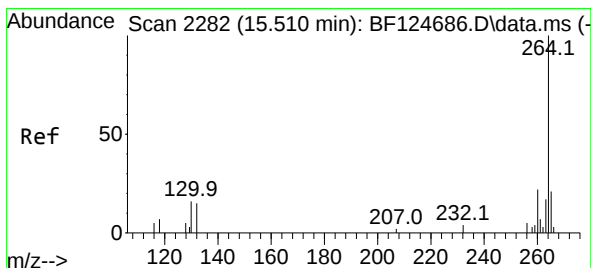
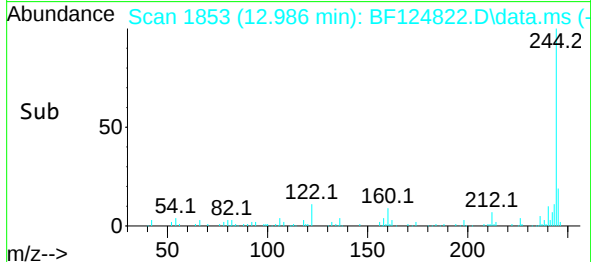
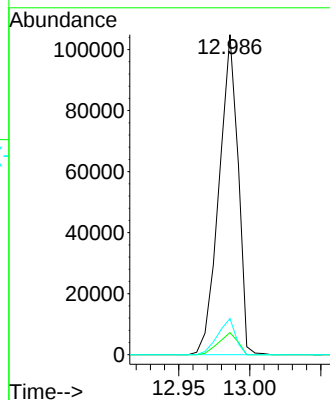
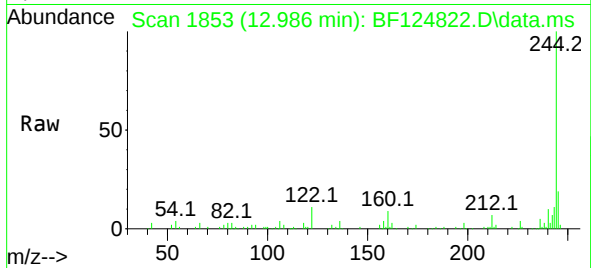




#79
 Terphenyl-d14
 Concen: 76.069 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124822.D
 Acq: 28 Jul 2021 12:00

Instrument :
 BNA_F
 ClientSampleId :
 20210561-COM-34

Tgt Ion:	244	Resp:	97399
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.9	8.9
122	11.3	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.000 min
 Lab File: BF124822.D
 Acq: 28 Jul 2021 12:00

Tgt Ion:	264	Resp:	16248
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.6	29.4
265	22.1	17.2	25.8

