

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124806.D
 Acq On : 27 Jul 2021 22:06
 Operator : JU/CG
 Sample : M3118-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210579-COM-2

Quant Time: Jul 28 03:08:01 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)

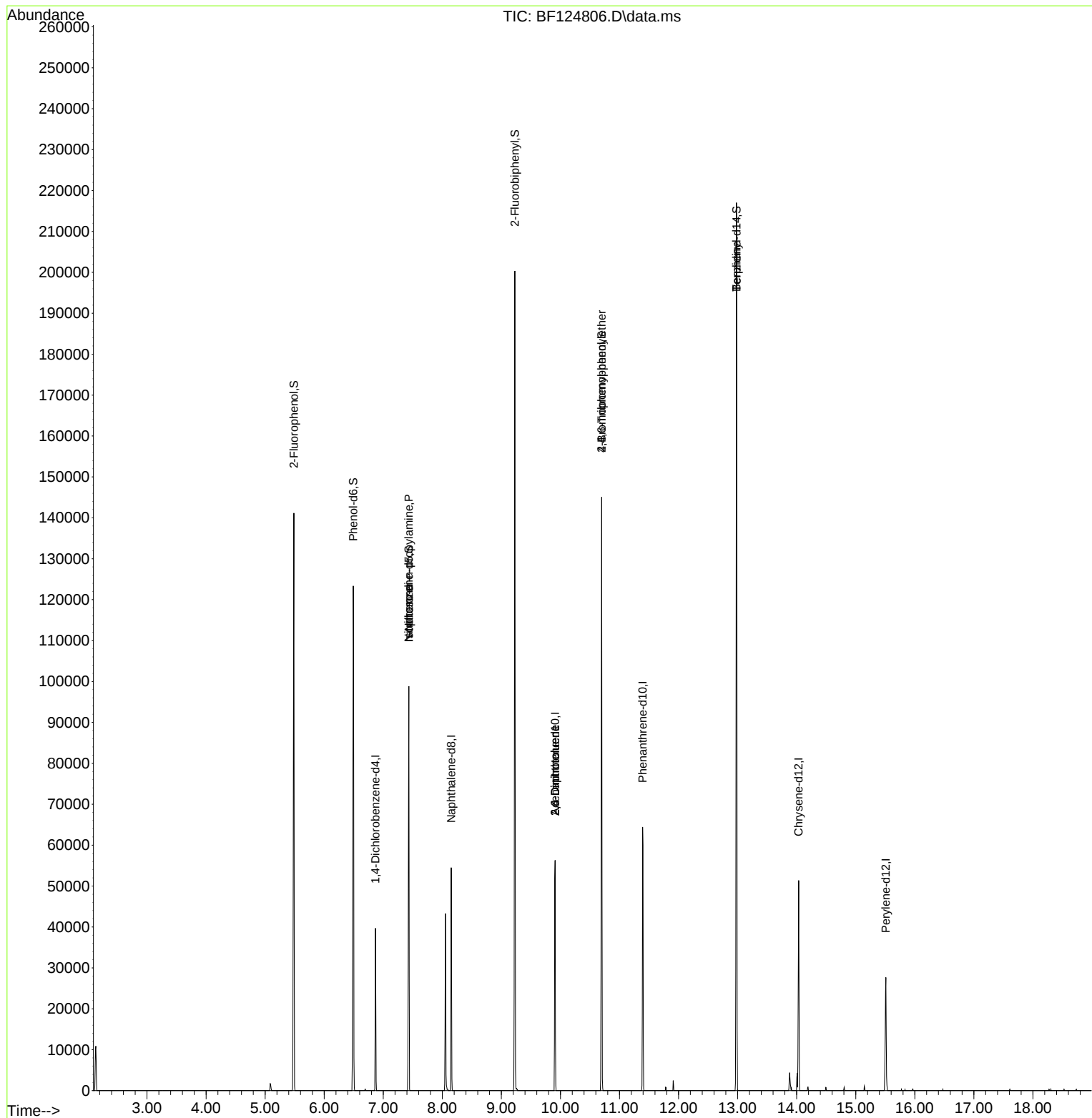
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5627	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	21543	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	12412	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	24328	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	18347	20.00	ng	# 0.00
86) Perylene-d12	15.509	264	13851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	35836	107.83	ng	0.00
7) Phenol-d6	6.492	99	42801	102.73	ng	0.00
23) Nitrobenzene-d5	7.434	82	27874	77.01	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	13919	130.61	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	55706	65.92	ng	0.00
79) Terphenyl-d14	12.980	244	75033	70.10	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	3668	16.49	ng	# 71
25) Isophorone	7.434	82	27874	43.55	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1615	8.55	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1615	6.30	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1047	4.06	ng	# 1
77) Benzidine	12.980	184	1143	2.21	ng	# 69

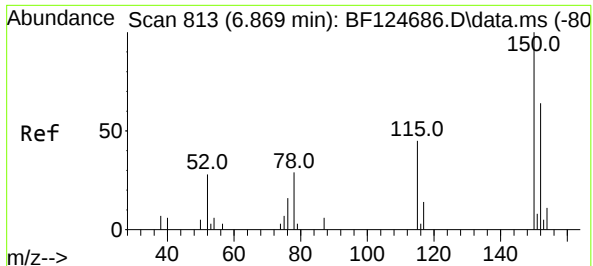
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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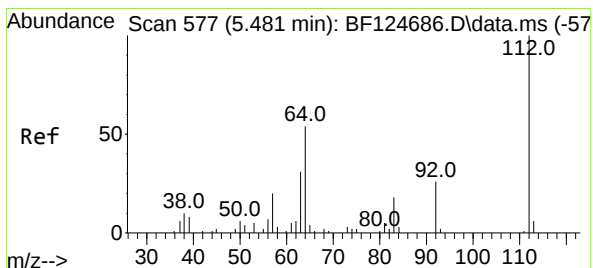
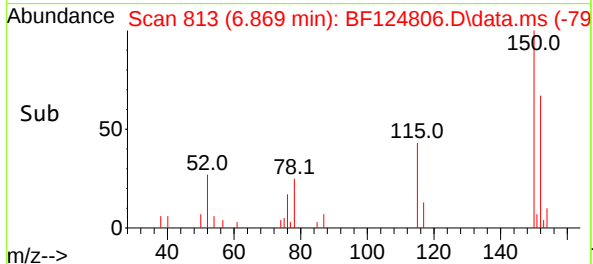
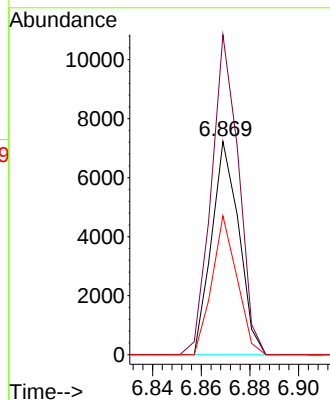
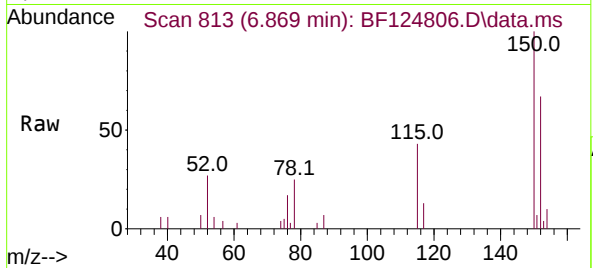




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

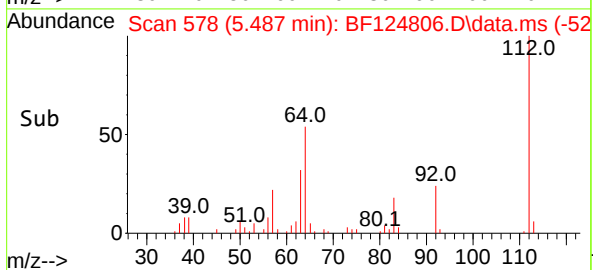
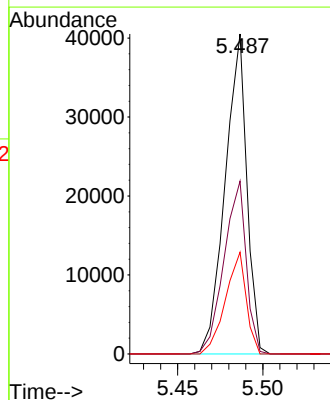
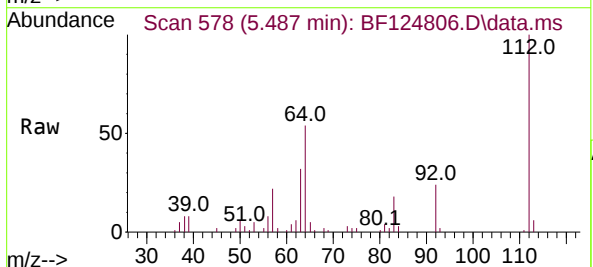
Instrument :
BNA_F
ClientSampleId :
20210579-COM-2

Tgt Ion:152 Resp: 5627
Ion Ratio Lower Upper
152 100
150 150.0 117.6 176.4
115 65.1 47.1 70.7



#5
2-Fluorophenol
Concen: 107.83 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

Tgt Ion:112 Resp: 35836
Ion Ratio Lower Upper
112 100
64 54.0 44.2 66.2
63 31.8 26.2 39.2

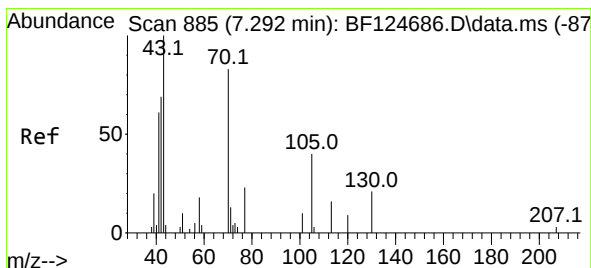
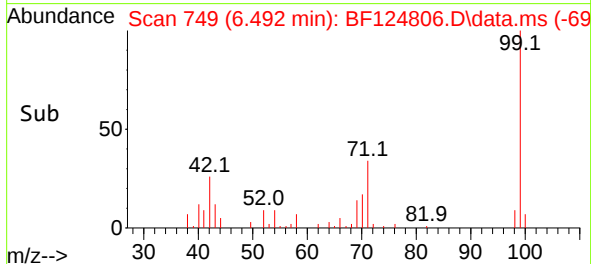
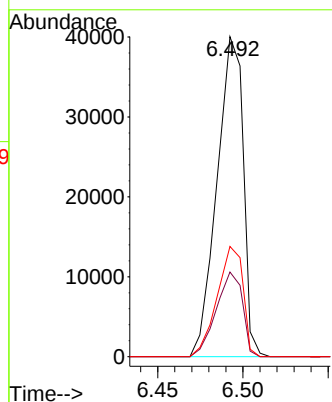
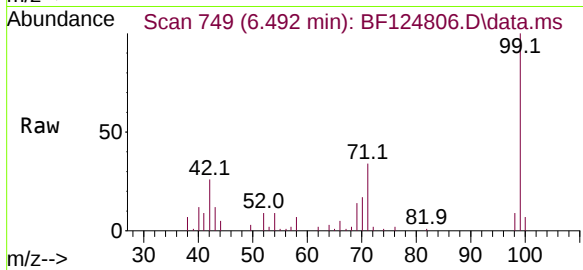




#7
Phenol-d6
Concen: 102.73 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

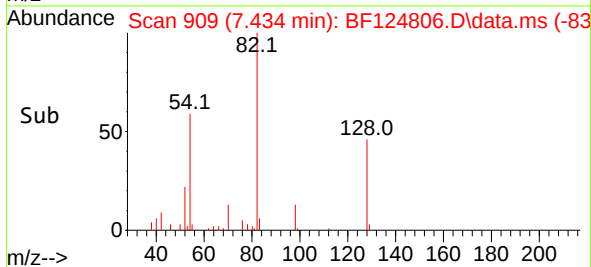
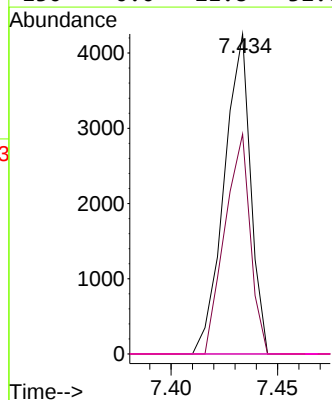
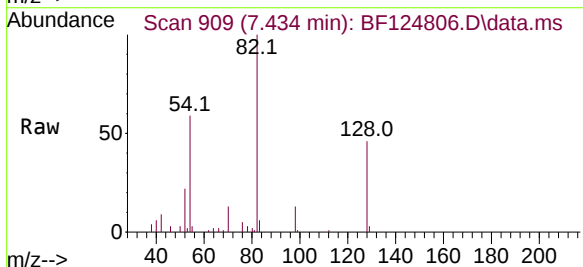
Instrument :
BNA_F
ClientSampleId :
20210579-COM-2

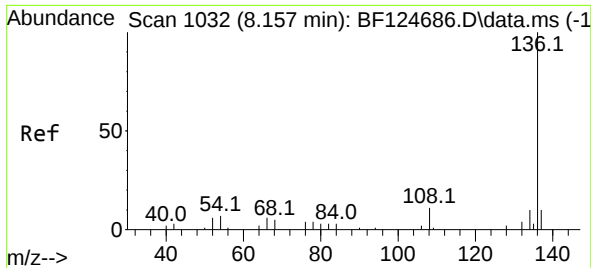
Tgt Ion:	99	Resp:	42801
Ion	Ratio	Lower	Upper
99	100		
42	26.4	23.5	35.3
71	34.4	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.49 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

Tgt Ion:	70	Resp:	3668
Ion	Ratio	Lower	Upper
70	100		
42	68.7	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

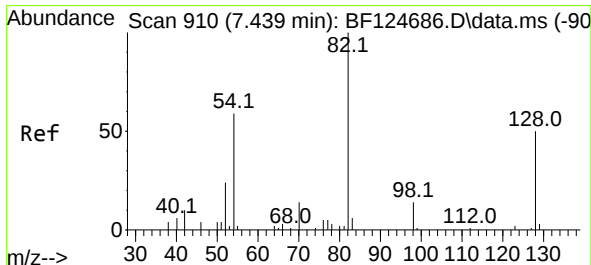
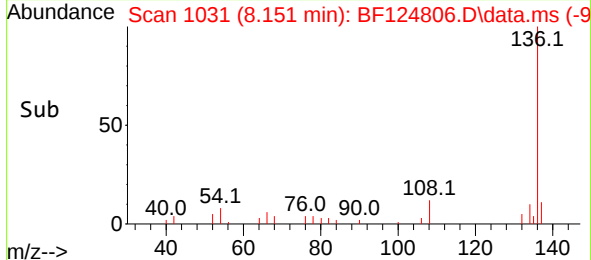
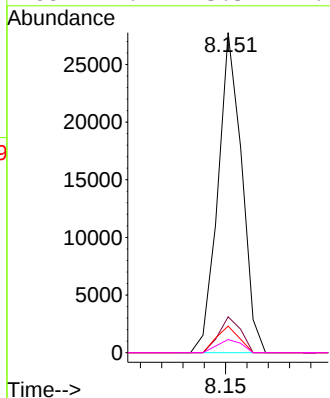
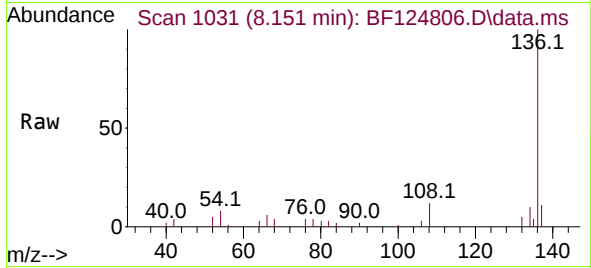




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

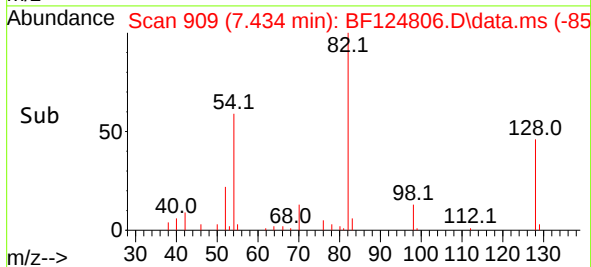
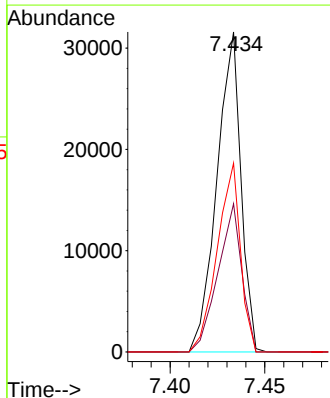
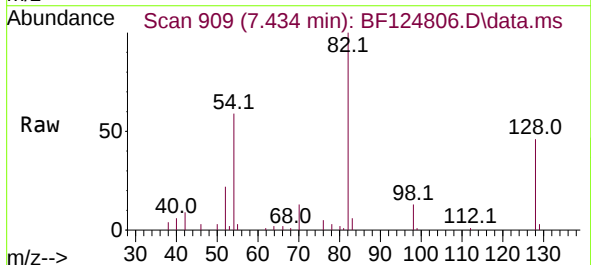
Instrument :
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ClientSampleId :
20210579-COM-2

Tgt Ion:	136	Resp:	21543
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	8.3	6.4	9.6
68	4.1	3.3	4.9



#23
Nitrobenzene-d5
Concen: 77.01 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

Tgt Ion:	82	Resp:	27874
Ion	Ratio	Lower	Upper
82	100		
128	46.3	40.6	60.8
54	59.0	49.6	74.4

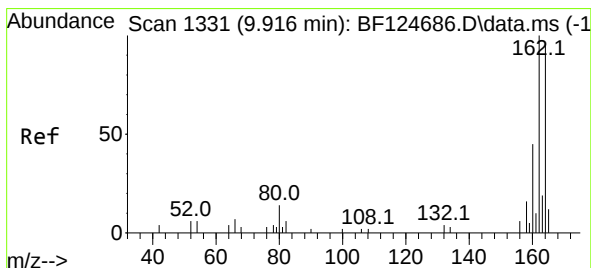
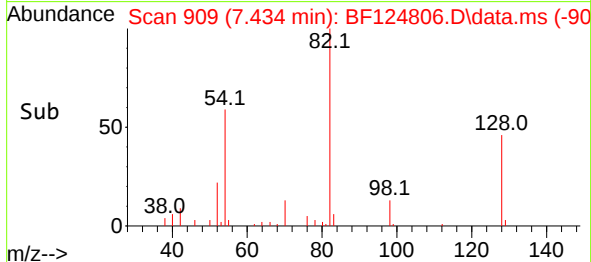
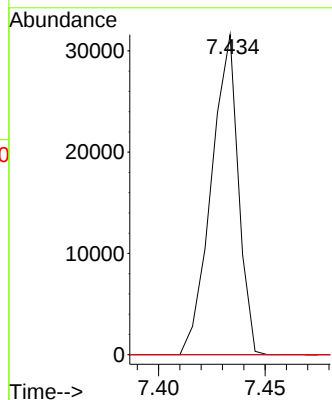
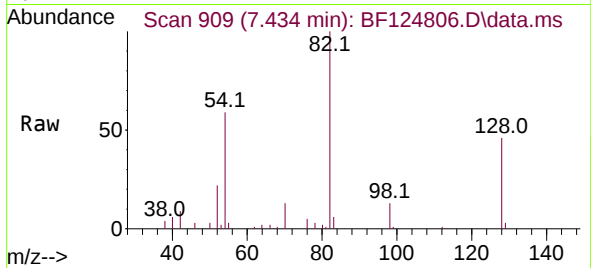




#25
Isophorone
Concen: 43.55 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

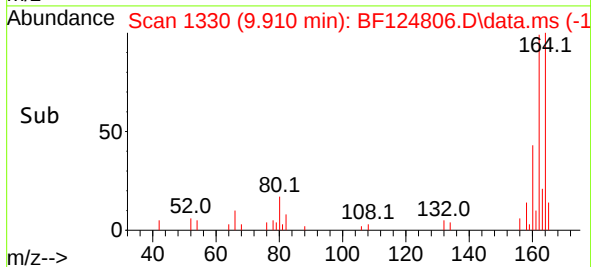
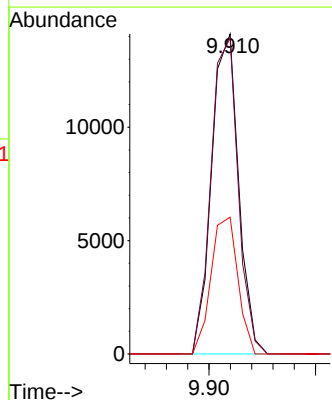
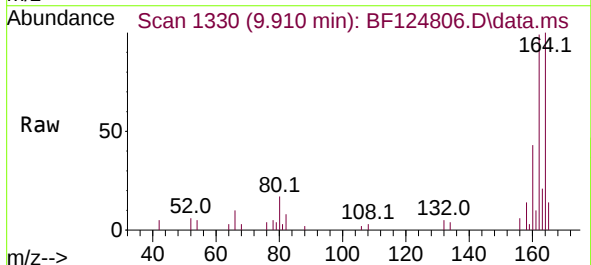
Instrument :
BNA_F
ClientSampleId :
20210579-COM-2

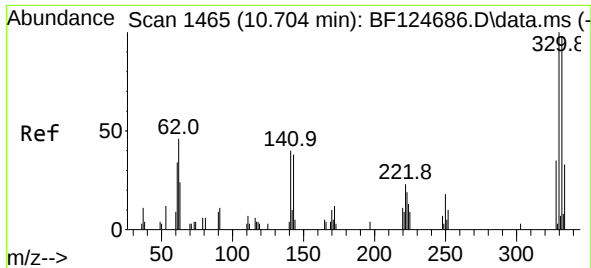
Tgt Ion: 82 Resp: 27874
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

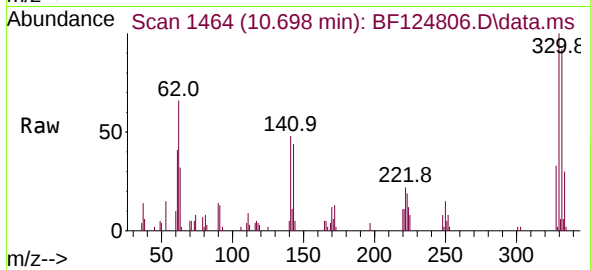
Tgt Ion: 164 Resp: 12412
Ion Ratio Lower Upper
164 100
162 98.7 81.3 121.9
160 42.8 38.0 57.0



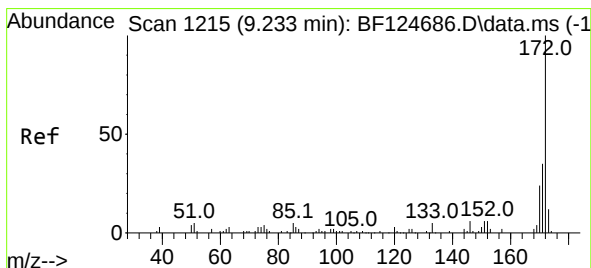
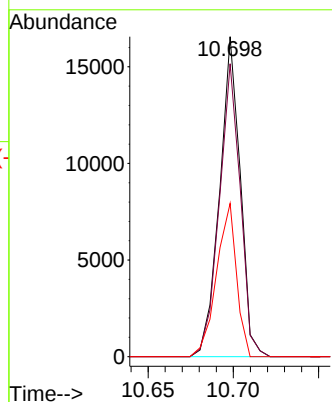
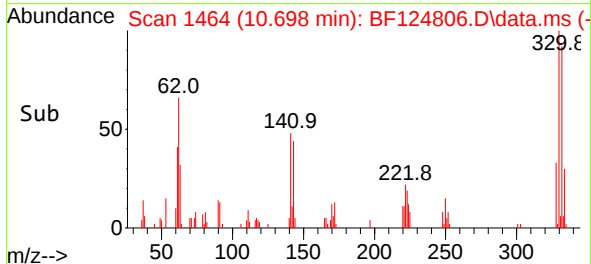


#42
2,4,6-Tribromophenol
Concen: 130.61 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

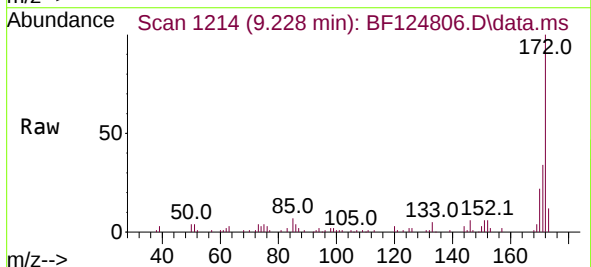
Instrument :
BNA_F
ClientSampleId :
20210579-COM-2



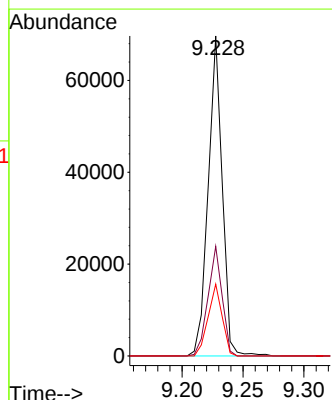
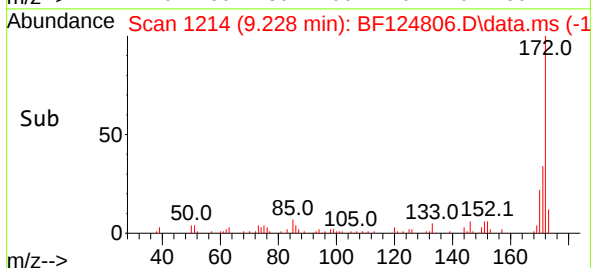
Tgt Ion: 330 Resp: 13919
Ion Ratio Lower Upper
330 100
332 93.1 76.2 114.4
141 46.3 44.6 66.8

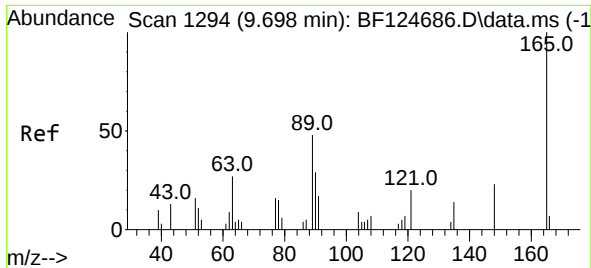


#45
2-Fluorobiphenyl
Concen: 65.92 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06



Tgt Ion: 172 Resp: 55706
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 22.4 18.8 28.2

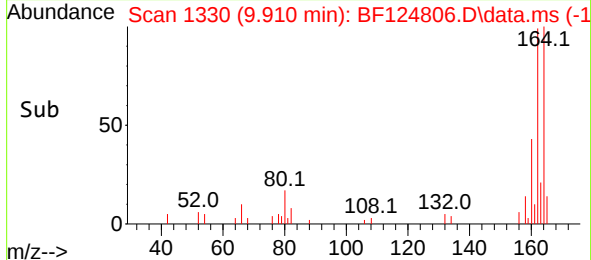
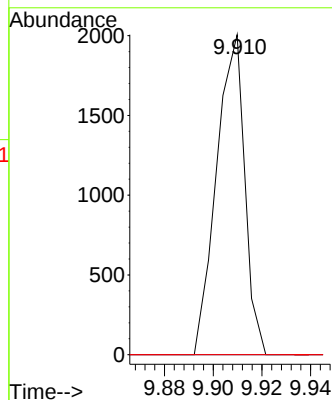
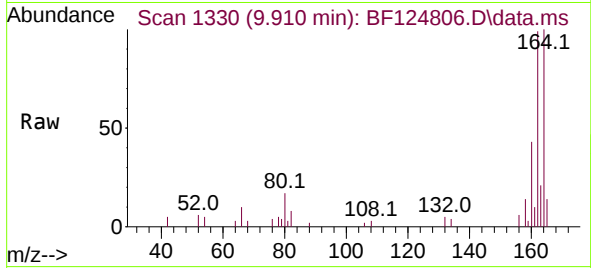




#51
2,6-Dinitrotoluene
Concen: 8.55 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

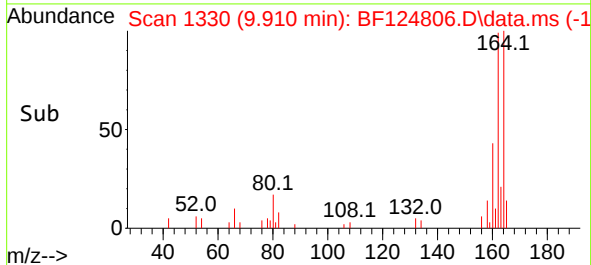
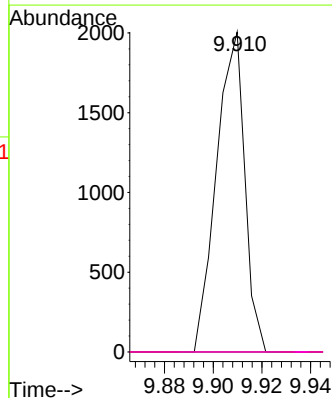
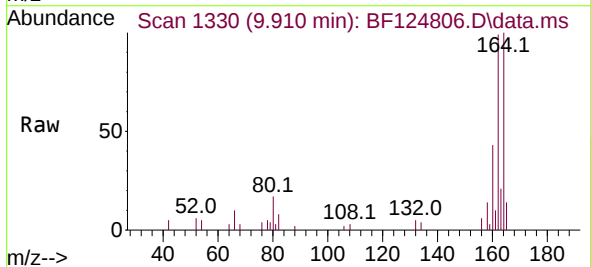
Instrument :
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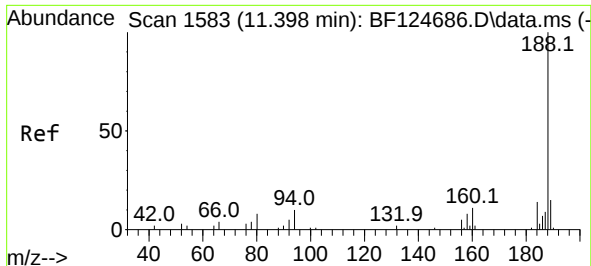
Tgt Ion:165 Resp: 1615
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

Tgt Ion:165 Resp: 1615
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

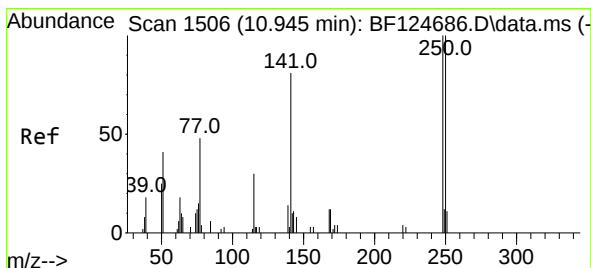
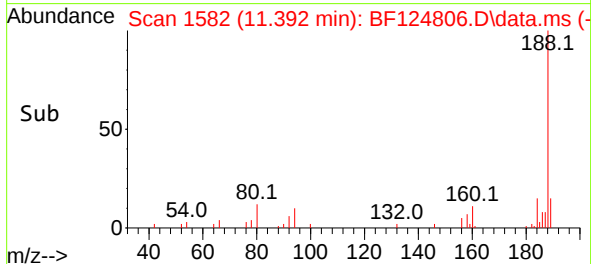
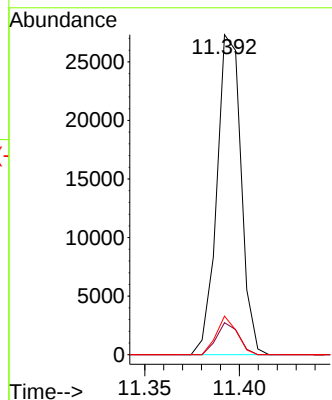
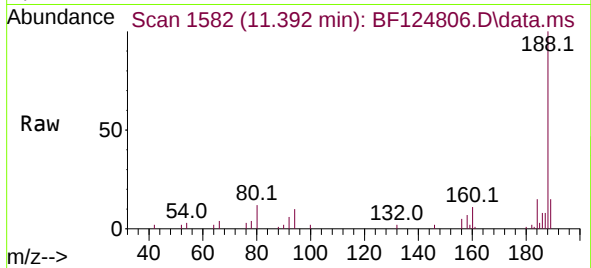




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

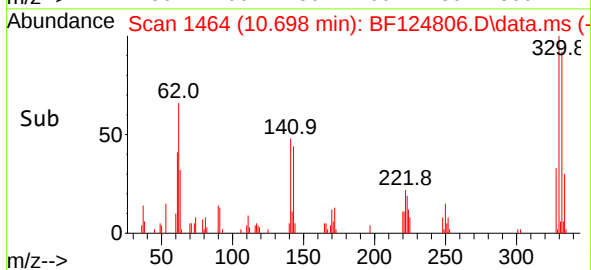
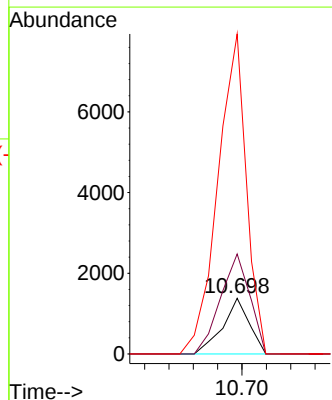
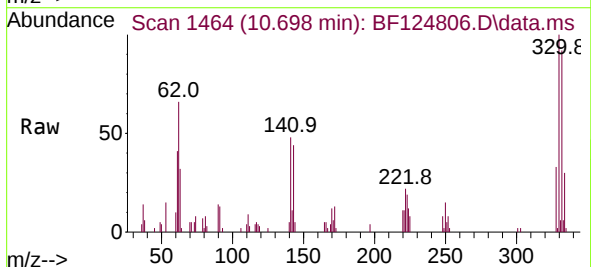
Instrument :
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20210579-COM-2

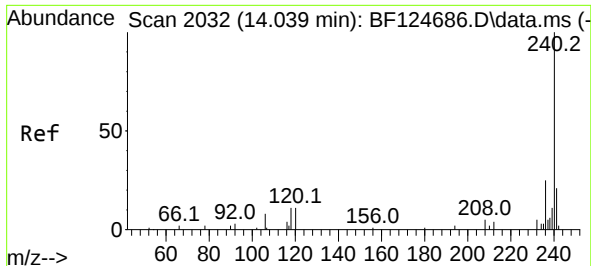
Tgt Ion:188 Resp: 24328
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 12.0 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 4.06 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

Tgt Ion:248 Resp: 1047
Ion Ratio Lower Upper
248 100
250 179.6 74.2 111.4#
141 574.4 60.4 90.6#

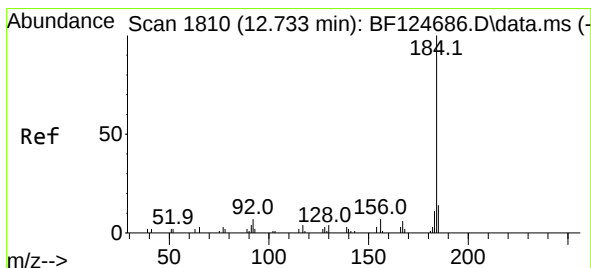
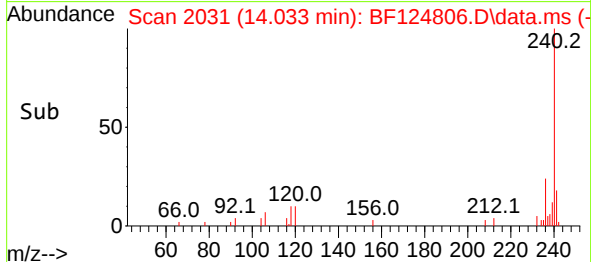
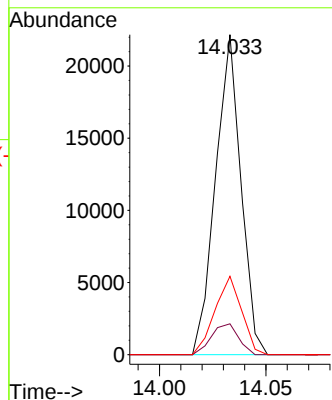
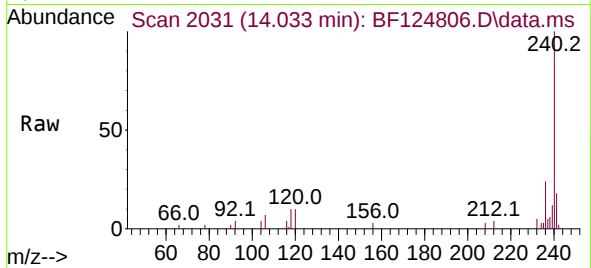




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

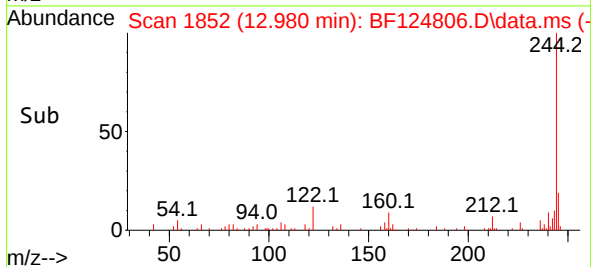
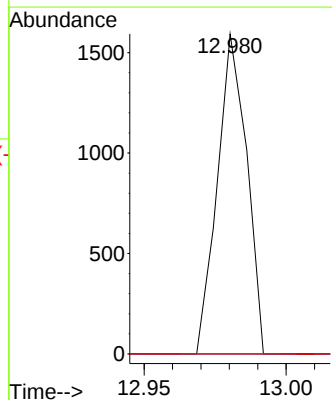
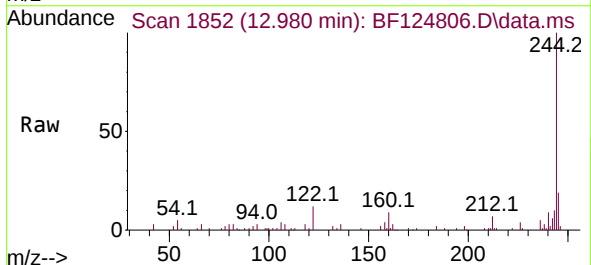
Instrument :
BNA_F
ClientSampleId :
20210579-COM-2

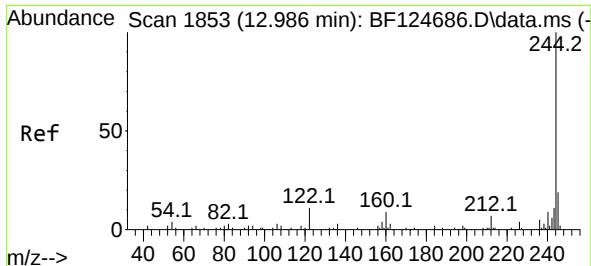
Tgt Ion:240 Resp: 18347
Ion Ratio Lower Upper
240 100
120 9.7 10.8 16.2#
236 24.5 21.6 32.4



#77
Benzidine
Concen: 2.21 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

Tgt Ion:184 Resp: 1143
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

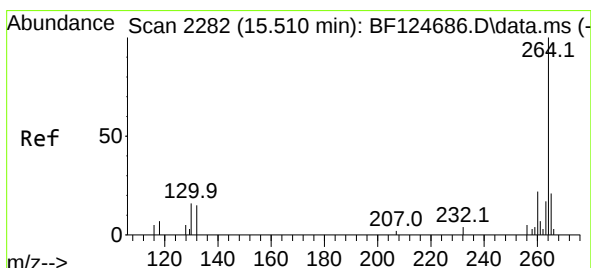
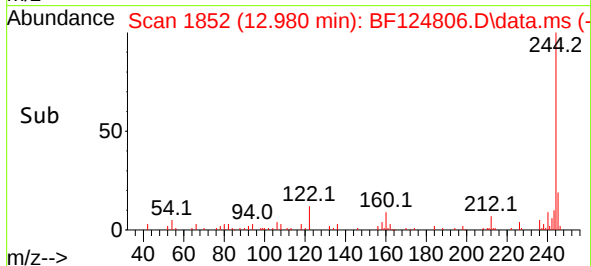
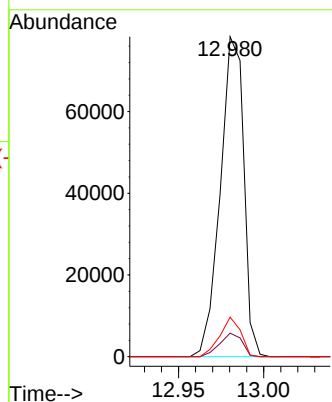
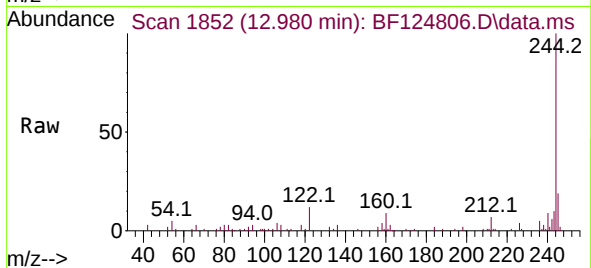




#79
Terphenyl-d14
Concen: 70.10 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

Instrument :
BNA_F
ClientSampleId :
20210579-COM-2

Tgt Ion:244 Resp: 75033
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 12.3 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124806.D
Acq: 27 Jul 2021 22:06

Tgt Ion:264 Resp: 13851
Ion Ratio Lower Upper
264 100
260 25.9 19.6 29.4
265 20.9 17.2 25.8

