

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124811.D
 Acq On : 28 Jul 2021 00:52
 Operator : JU/CG
 Sample : M3200-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GS-1

Quant Time: Jul 28 03:08:43 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)

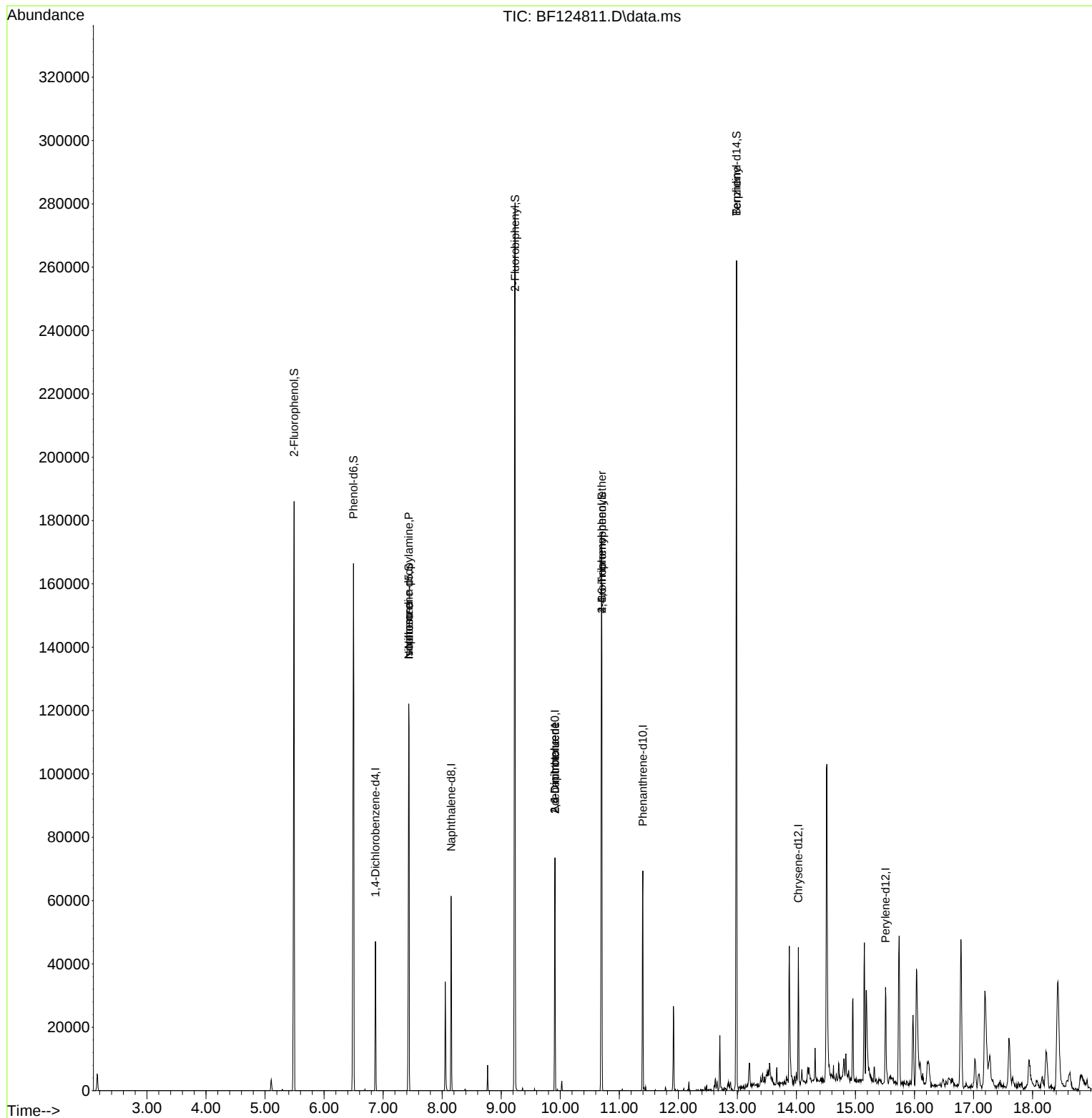
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6198	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	25468	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	14583	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	26027	20.00	ng	0.00
76) Chrysene-d12	14.033	240	15064	20.00	ng	# 0.00
86) Perylene-d12	15.509	264	14210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	49608	135.52	ng	0.01
7) Phenol-d6	6.498	99	61972	135.04	ng	0.00
23) Nitrobenzene-d5	7.433	82	42170	98.55	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	18057	144.21	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	89623	90.27	ng	0.00
79) Terphenyl-d14	12.986	244	84924	96.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	5203	21.23	ng	# 67
25) Isophorone	7.433	82	42182	55.75	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1825	8.23	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1825	6.06	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	1251	4.53	ng	# 1
77) Benzidine	12.986	184	1343	3.16	ng	# 69

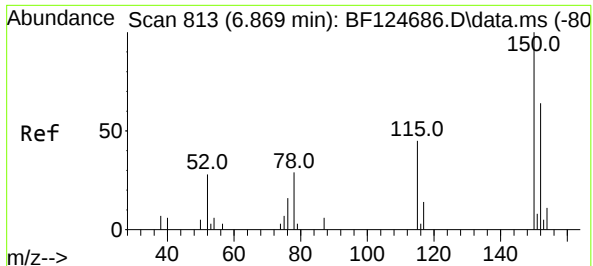
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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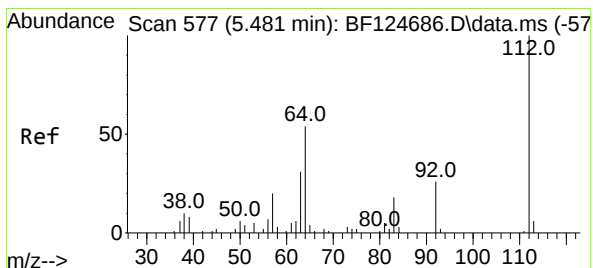
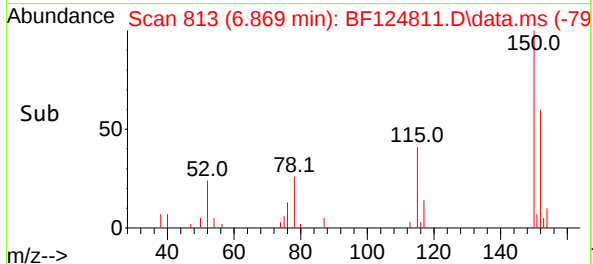
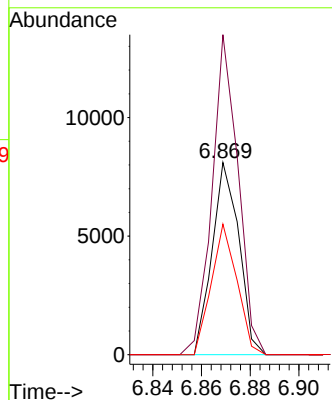
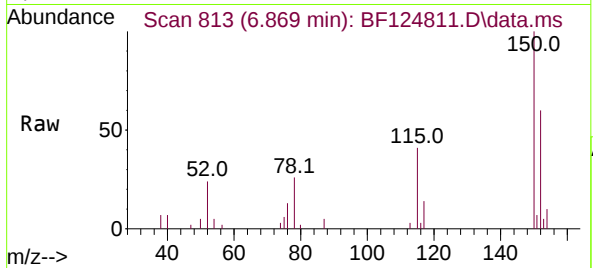




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

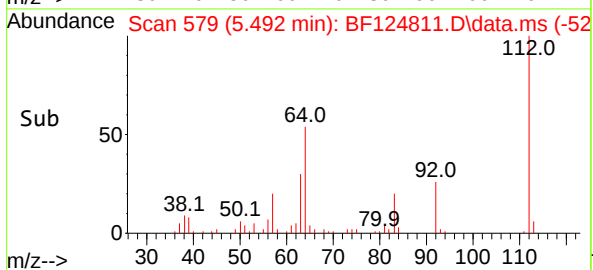
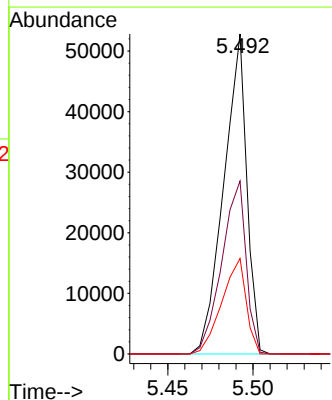
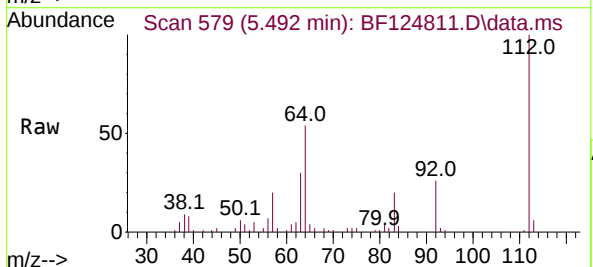
Instrument :
BNA_F
ClientSampleId :
GS-1

Tgt Ion:152 Resp: 6198
Ion Ratio Lower Upper
152 100
150 166.5 117.6 176.4
115 67.9 47.1 70.7



#5
2-Fluorophenol
Concen: 135.52 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

Tgt Ion:112 Resp: 49608
Ion Ratio Lower Upper
112 100
64 54.1 44.2 66.2
63 29.8 26.2 39.2

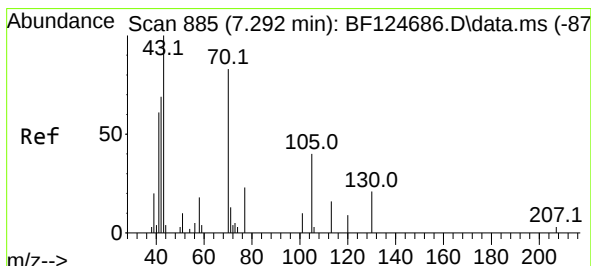
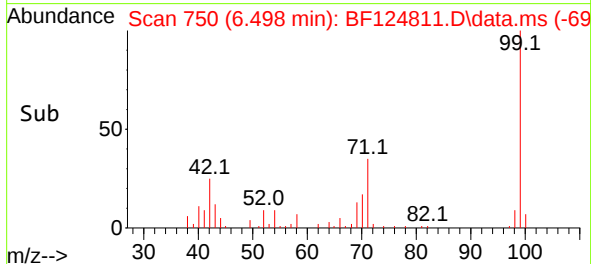
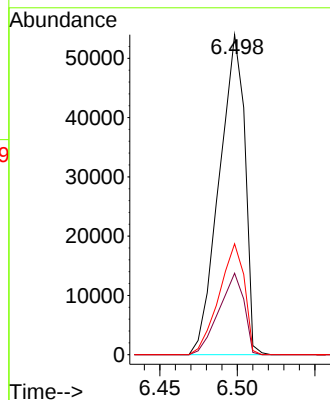
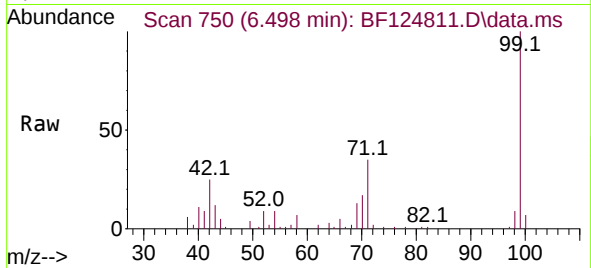




#7
Phenol-d6
Concen: 135.04 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

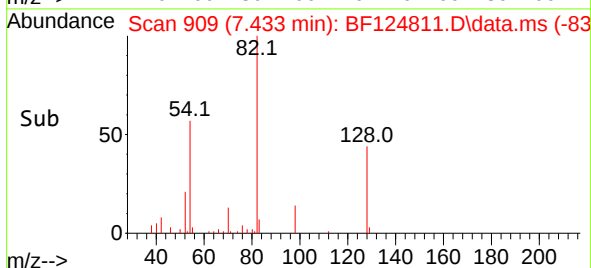
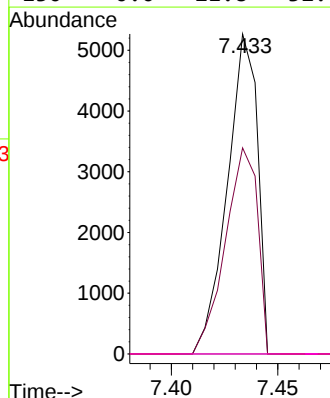
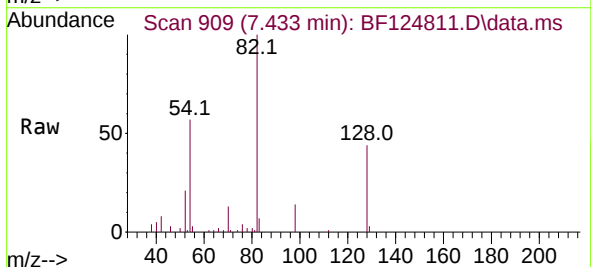
Instrument :
BNA_F
ClientSampled :
GS-1

Tgt Ion:	99	Resp:	61972
Ion	Ratio	Lower	Upper
99	100		
42	25.5	23.5	35.3
71	34.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.23 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

Tgt Ion:	70	Resp:	5203
Ion	Ratio	Lower	Upper
70	100		
42	64.4	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

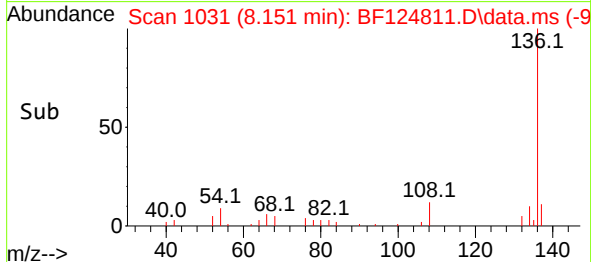
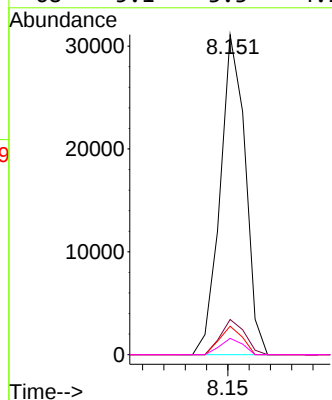
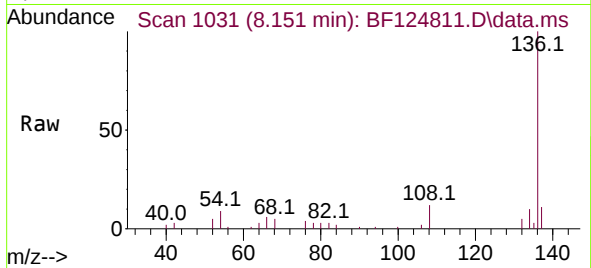




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

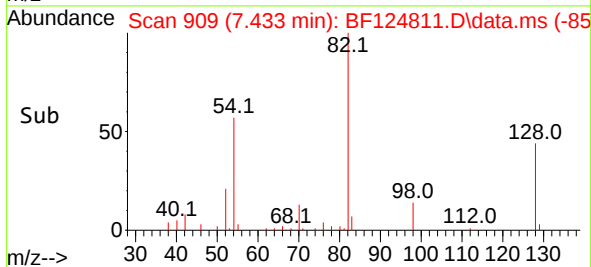
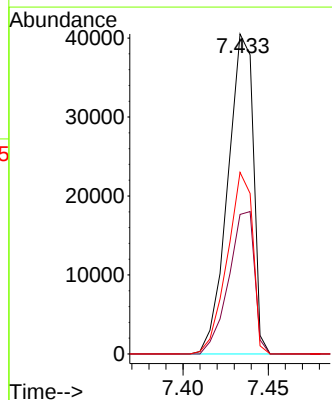
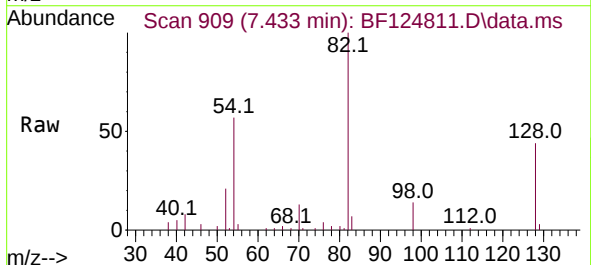
Instrument :
BNA_F
ClientSampleId :
GS-1

Tgt Ion:	136	Resp:	25468
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: 98.55 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

Tgt Ion:	82	Resp:	42170
Ion Ratio	Lower	Upper	
82	100		
128	43.6	40.6	60.8
54	56.7	49.6	74.4

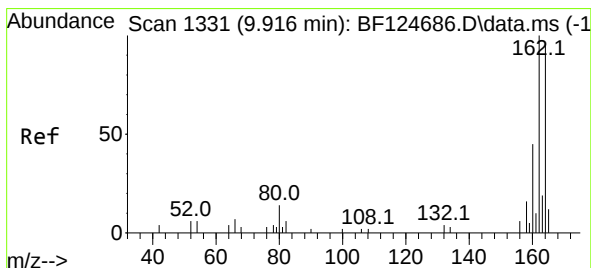
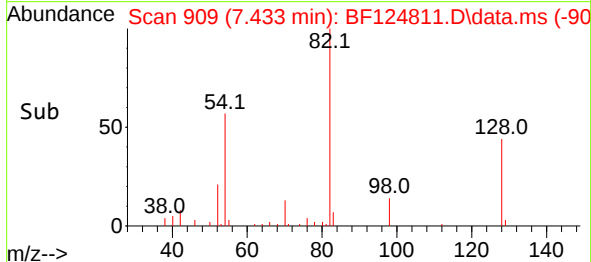
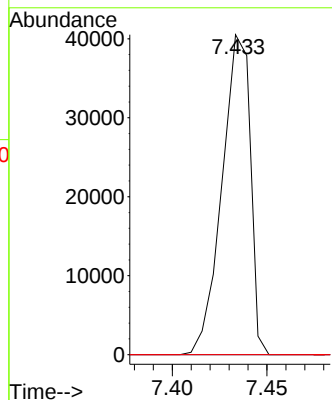
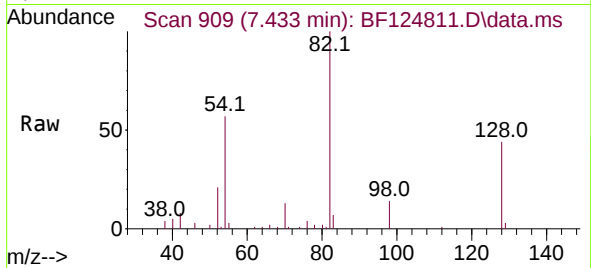




#25
Isophorone
Concen: 55.75 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

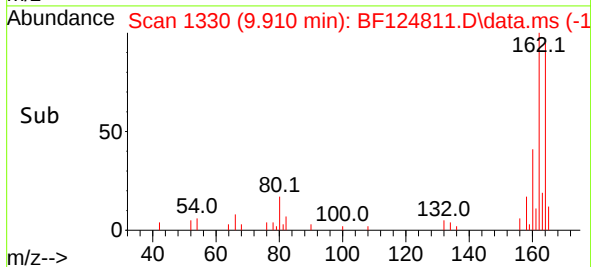
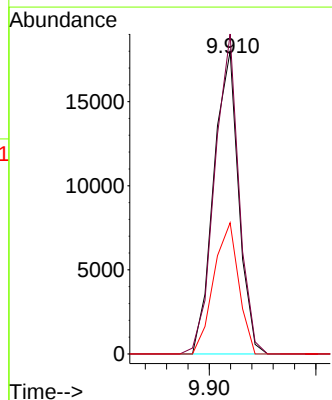
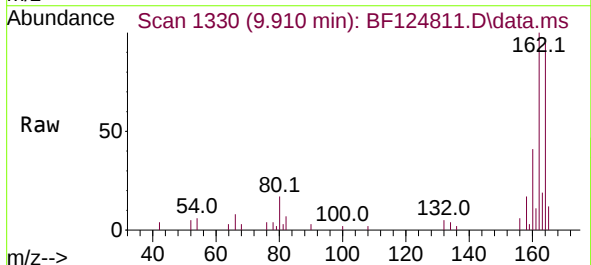
Instrument :
BNA_F
ClientSampleId :
GS-1

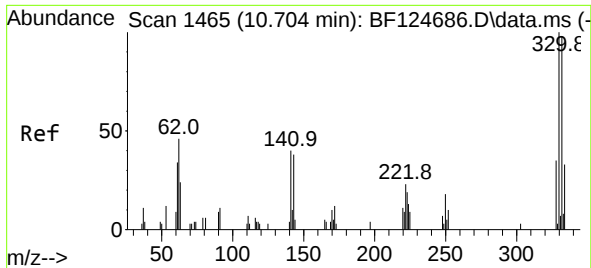
Tgt Ion: 82 Resp: 42182
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

Tgt Ion: 164 Resp: 14583
Ion Ratio Lower Upper
164 100
162 105.7 81.3 121.9
160 43.4 38.0 57.0

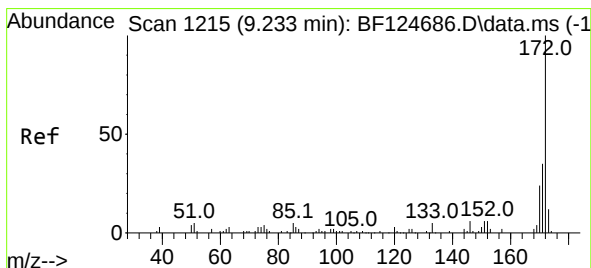
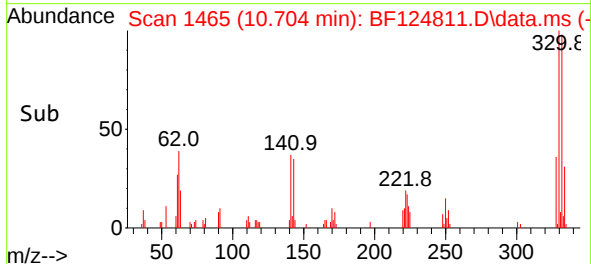
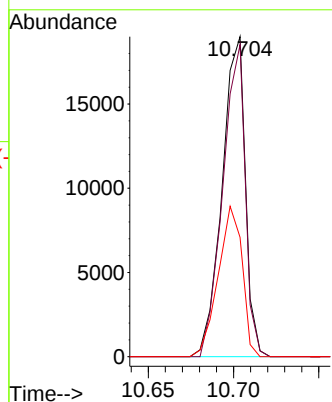
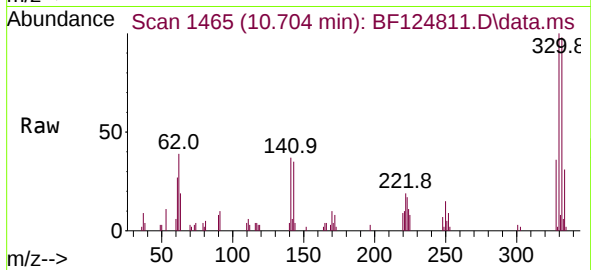




#42
2,4,6-Tribromophenol
Concen: 144.21 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

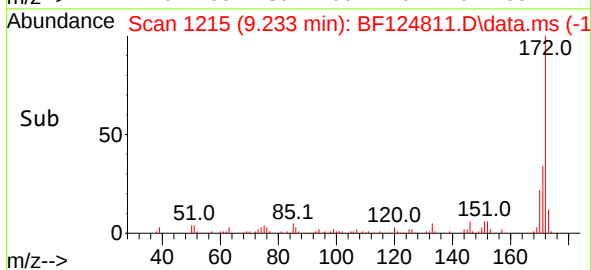
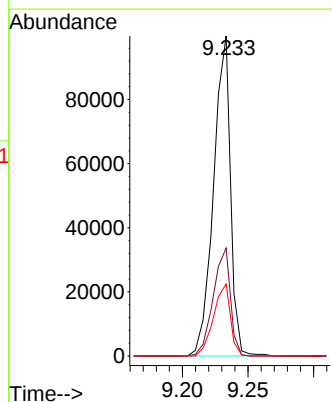
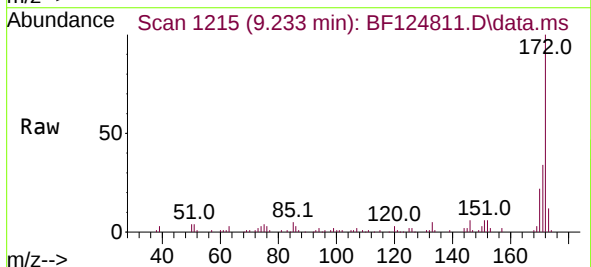
Instrument :
BNA_F
ClientSampled :
GS-1

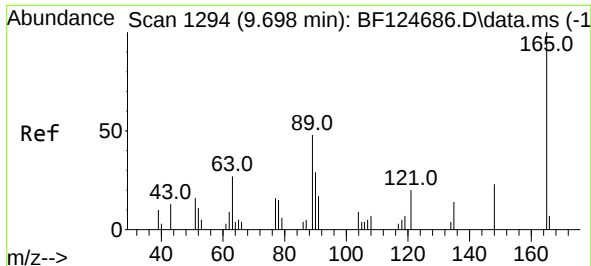
Tgt Ion: 330 Resp: 18057
Ion Ratio Lower Upper
330 100
332 94.1 76.2 114.4
141 48.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 90.27 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

Tgt Ion: 172 Resp: 89623
Ion Ratio Lower Upper
172 100
171 33.7 26.5 39.7
170 22.5 18.8 28.2

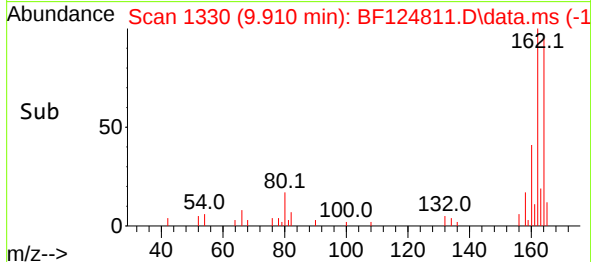
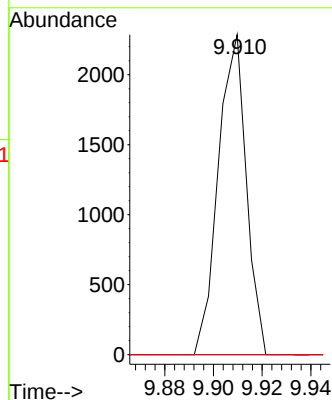
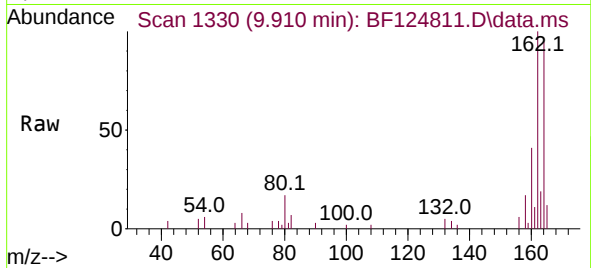




#51
2,6-Dinitrotoluene
Concen: 8.23 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

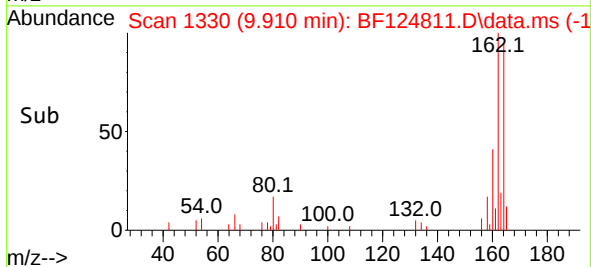
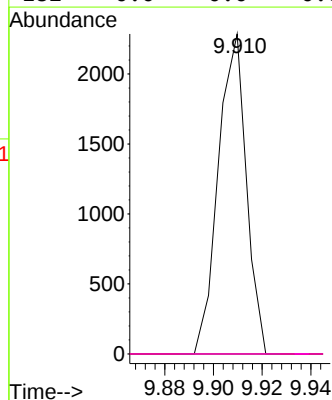
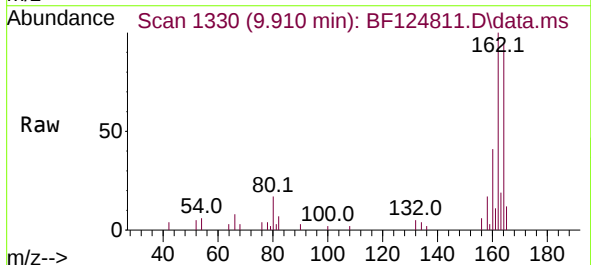
Instrument :
BNA_F
ClientSampleId :
GS-1

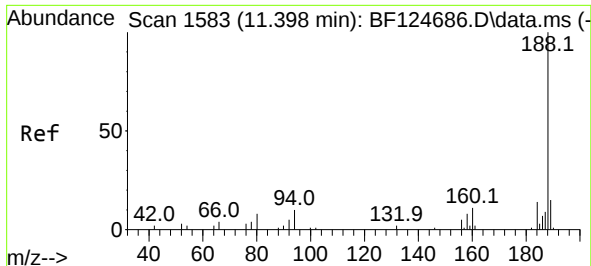
Tgt Ion:165 Resp: 1825
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

Tgt Ion:165 Resp: 1825
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

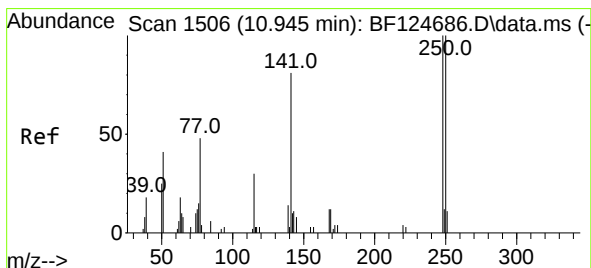
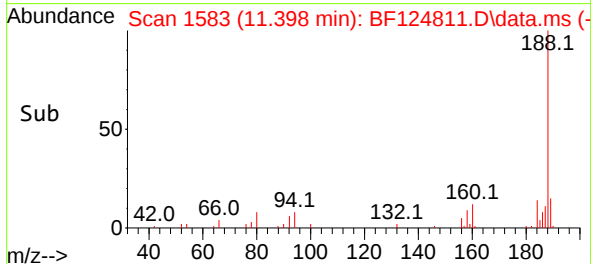
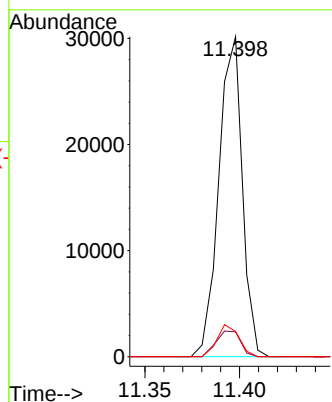
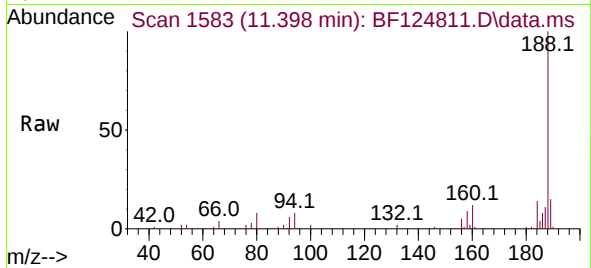




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

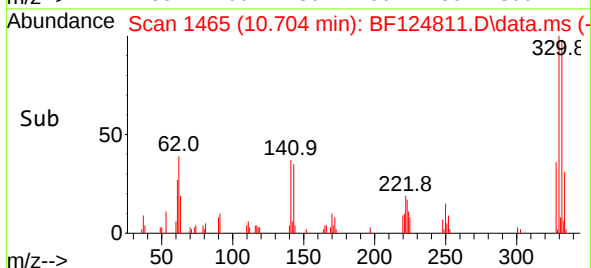
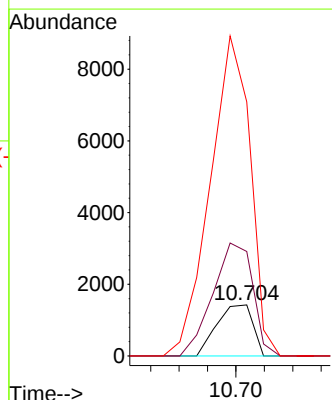
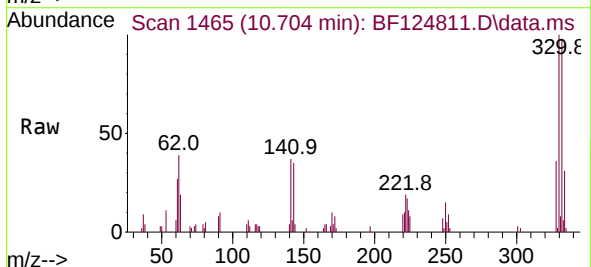
Instrument :
BNA_F
ClientSampleId :
GS-1

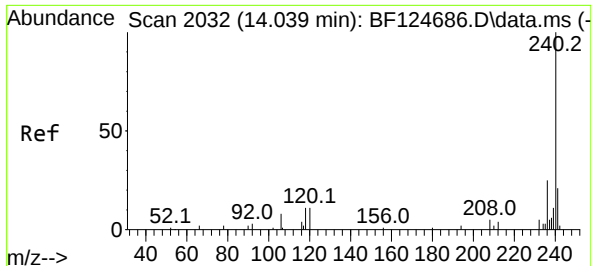
Tgt Ion:188	Resp:	26027
Ion Ratio	Lower	Upper
188	100	
94	7.8	6.7 10.1
80	7.9	7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

Tgt Ion:248	Resp:	1251
Ion Ratio	Lower	Upper
248	100	
250	204.7	74.2 111.4#
141	498.0	60.4 90.6#

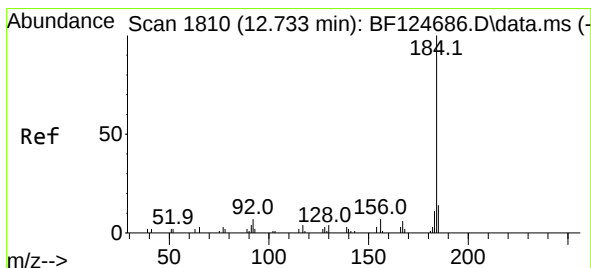
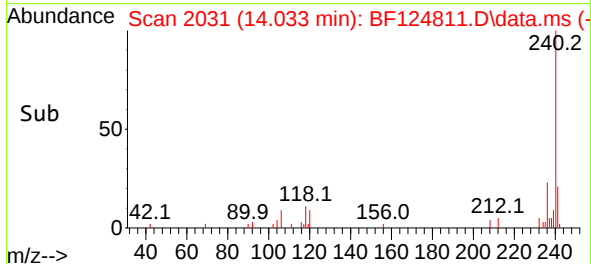
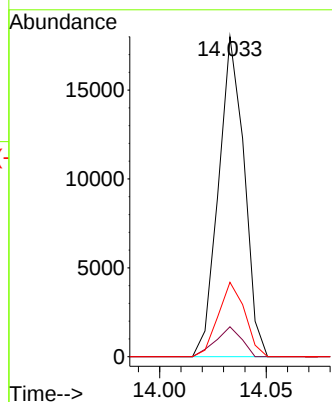
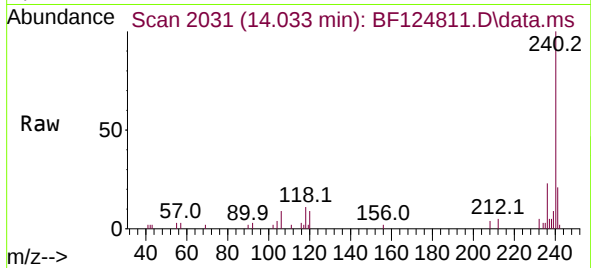




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

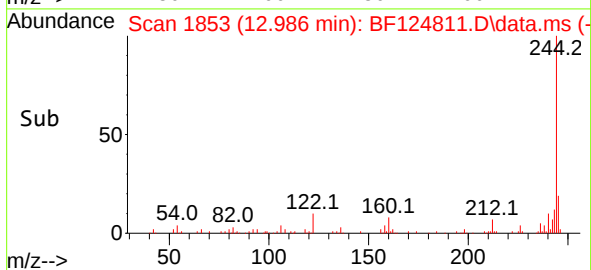
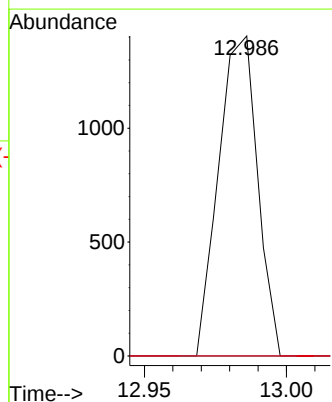
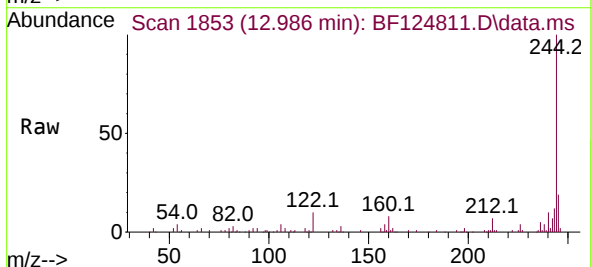
Instrument :
BNA_F
ClientSampleId :
GS-1

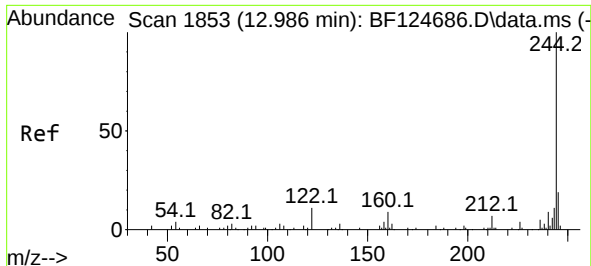
Tgt Ion:240 Resp: 15064
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 23.2 21.6 32.4



#77
Benzidine
Concen: 3.16 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

Tgt Ion:184 Resp: 1343
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

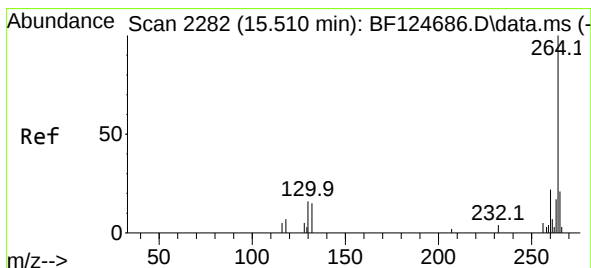
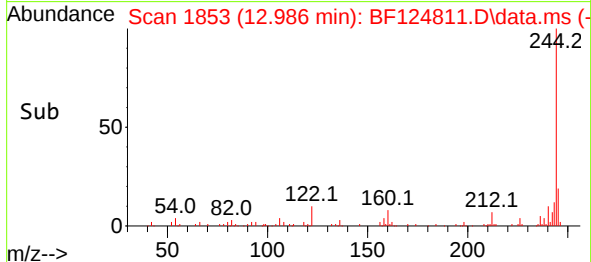
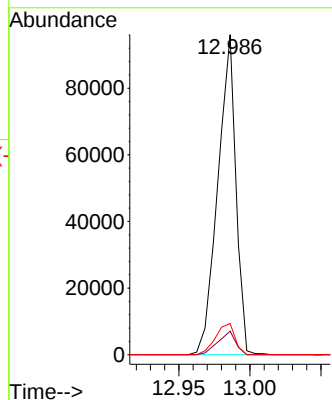
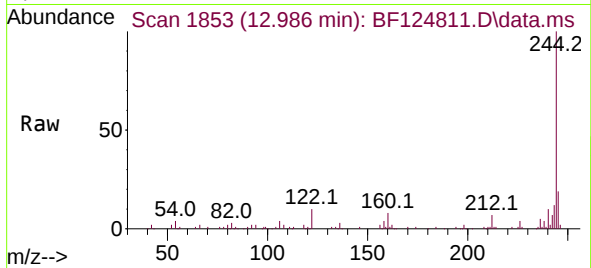




#79
Terphenyl-d14
Concen: 96.64 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124811.D
Acq: 28 Jul 2021 00:52

Instrument :
BNA_F
ClientSampleId :
GS-1

Tgt Ion:244 Resp: 84924
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.7 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: BF124811.D
Acq: 28 Jul 2021 00:52

Tgt Ion:264 Resp: 14210
Ion Ratio Lower Upper
264 100
260 22.5 19.6 29.4
265 22.2 17.2 25.8

