

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124725.D
 Acq On : 23 Jul 2021 21:51
 Operator : JU/CG
 Sample : M3150-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B

Quant Time: Jul 23 23:30:27 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)

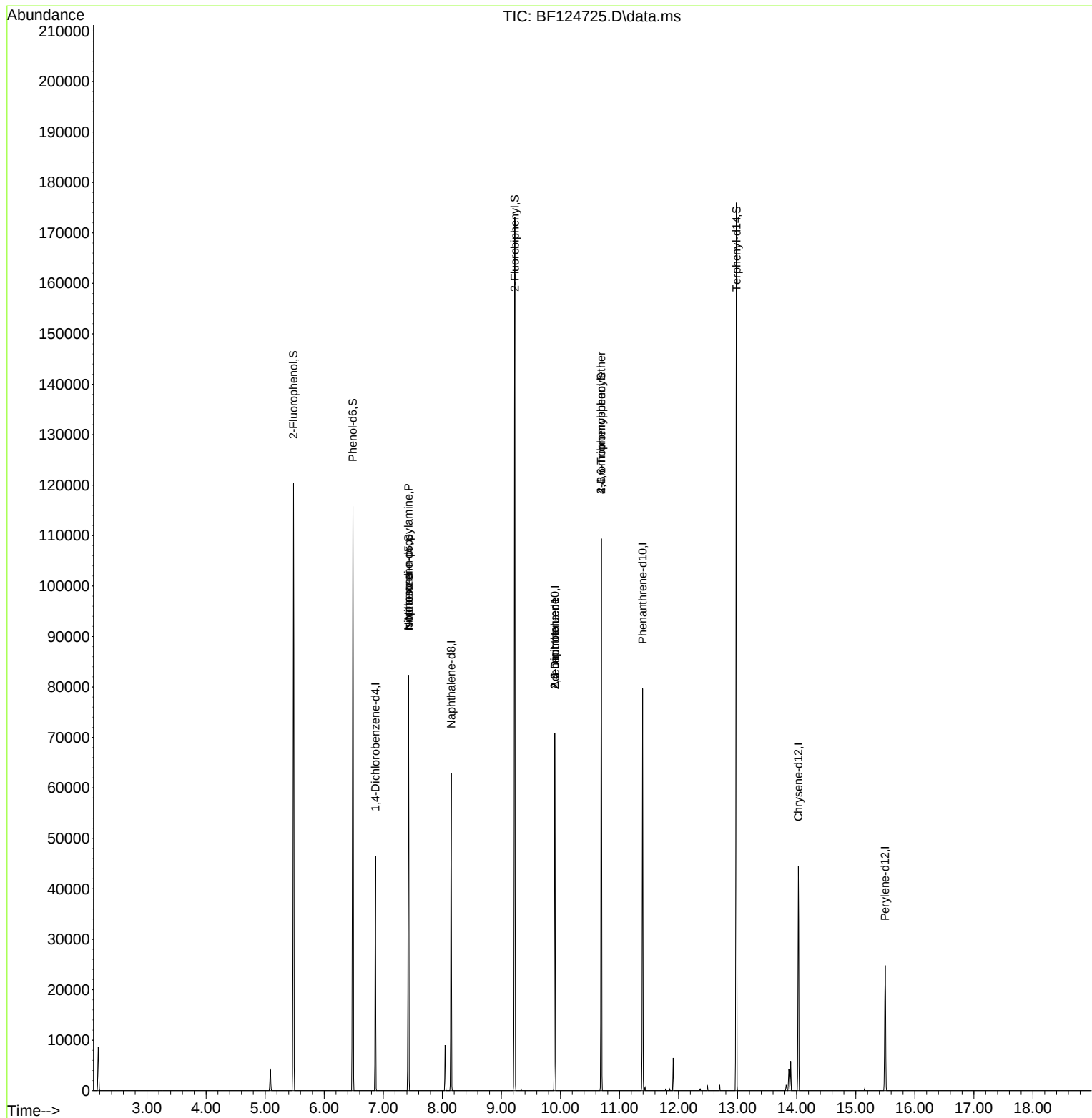
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6355	20.00	ng	# 0.00
21) Naphthalene-d8	8.151	136	27511	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	14794	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	27570	20.00	ng	0.00
76) Chrysene-d12	14.027	240	16619	20.00	ng	-0.01
86) Perylene-d12	15.498	264	12605	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	32436	86.42	ng	0.00
7) Phenol-d6	6.487	99	37744	80.21	ng	-0.01
23) Nitrobenzene-d5	7.428	82	23825	51.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	10254	80.73	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	53143	52.76	ng	0.00
79) Terphenyl-d14	12.980	244	55281	57.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	3038	12.09	ng	# 73
25) Isophorone	7.428	82	23824	29.15	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1861	8.27	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1861	6.09	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	737	2.52	ng	# 1

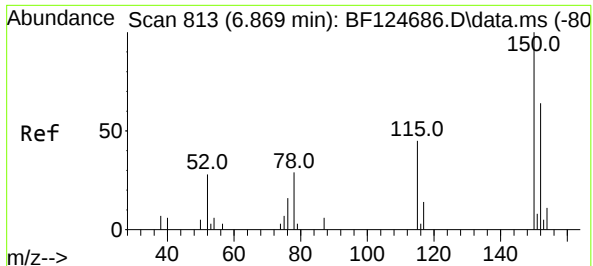
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : JU/CG
Sample : M3150-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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BNA_F
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Quant Time: Jul 23 23:30:27 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

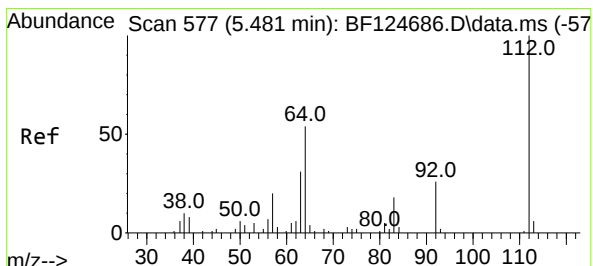
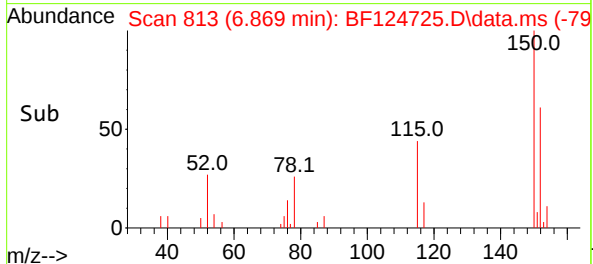
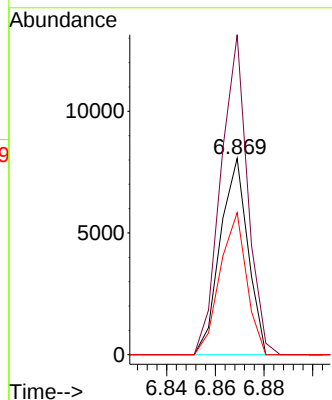
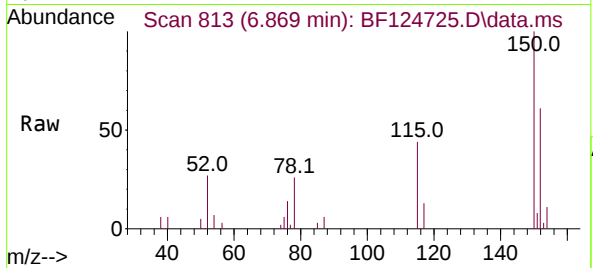




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

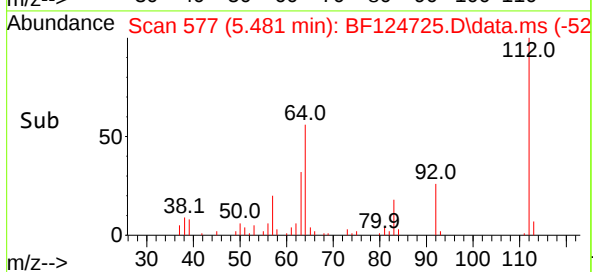
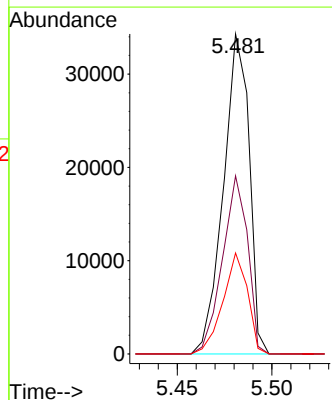
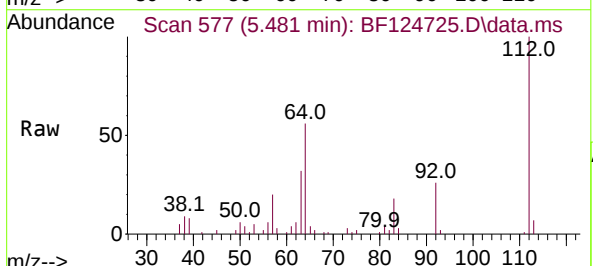
Instrument :
BNA_F
ClientSampleId :
TP-B

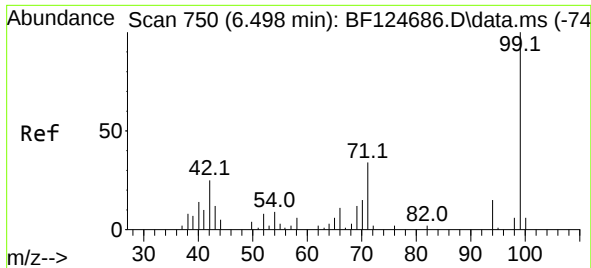
Tgt Ion:152 Resp: 6355
Ion Ratio Lower Upper
152 100
150 163.0 117.6 176.4
115 72.4 47.1 70.7#



#5
2-Fluorophenol
Concen: 86.42 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Tgt Ion:112 Resp: 32436
Ion Ratio Lower Upper
112 100
64 55.6 44.2 66.2
63 31.5 26.2 39.2

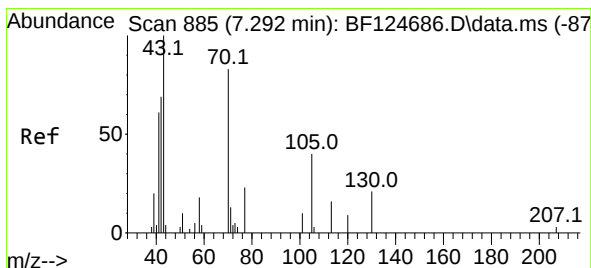
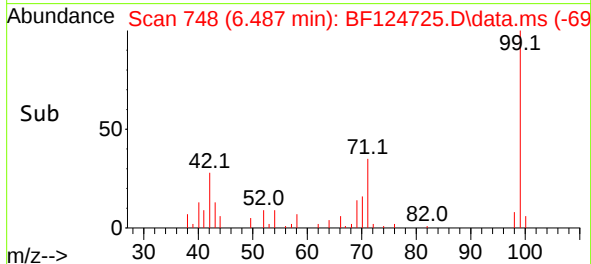
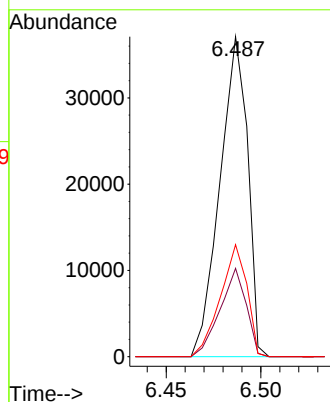
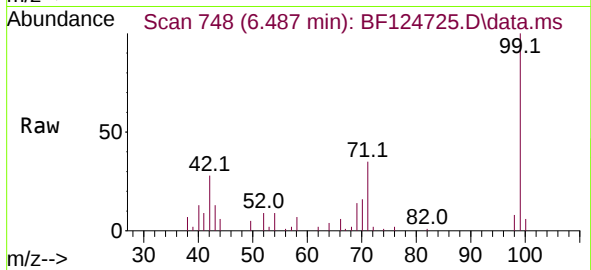




#7
Phenol-d6
Concen: 80.21 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

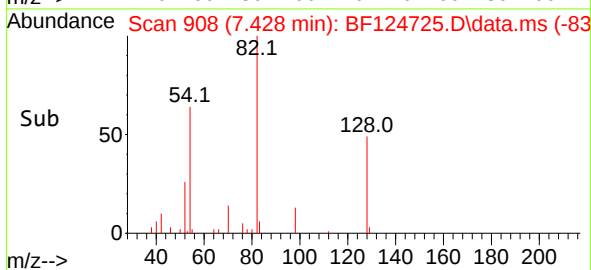
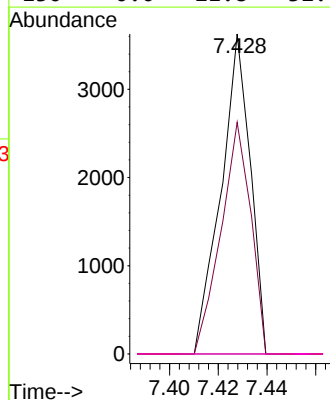
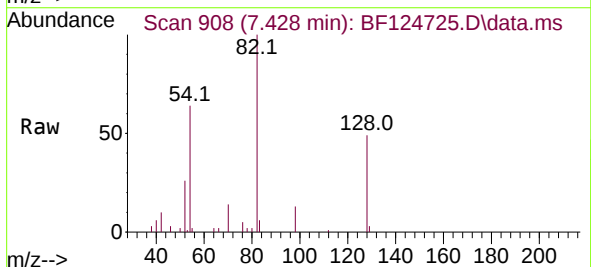
Instrument :
BNA_F
ClientSampleId :
TP-B

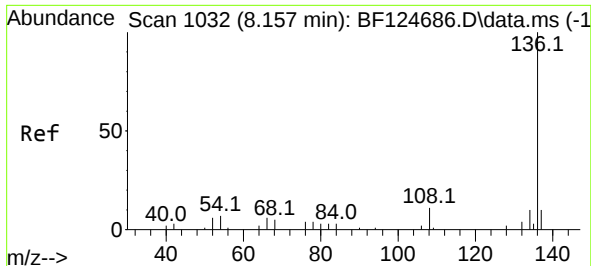
Tgt Ion:	99	Resp:	37744
Ion	Ratio	Lower	Upper
99	100		
42	27.6	23.5	35.3
71	35.0	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.09 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Tgt Ion:	70	Resp:	3038
Ion	Ratio	Lower	Upper
70	100		
42	72.4	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



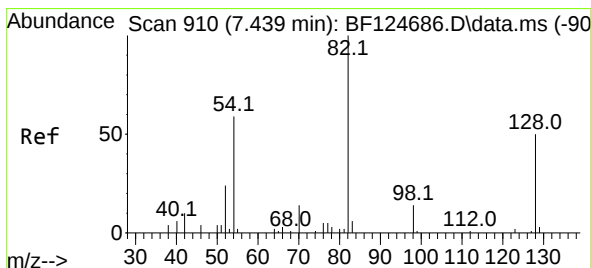
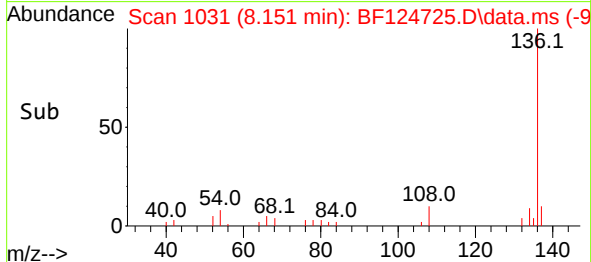
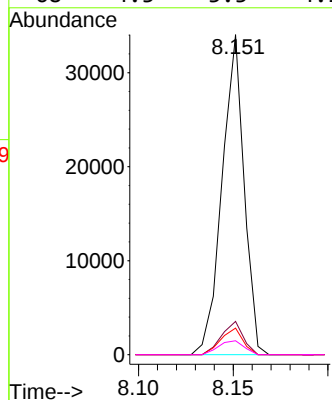
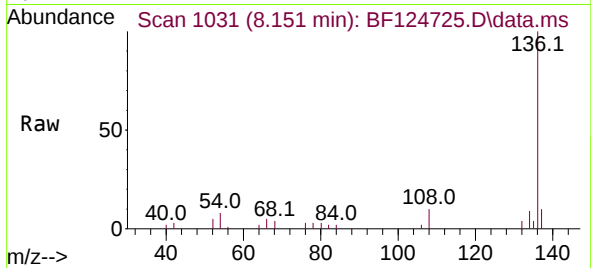


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Instrument :
BNA_F
ClientSampleId :
TP-B

Tgt Ion:136 Resp: 27511

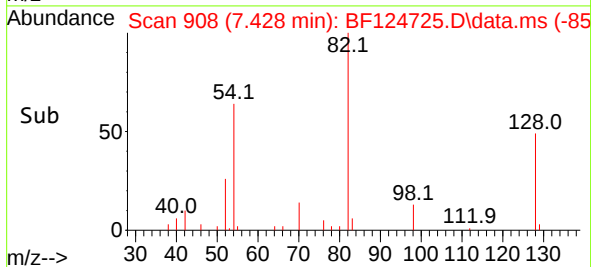
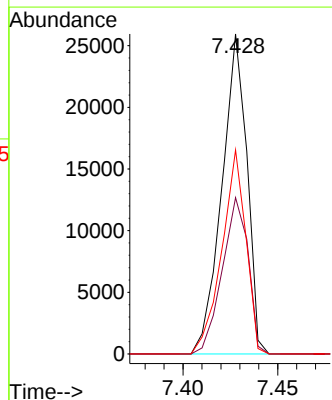
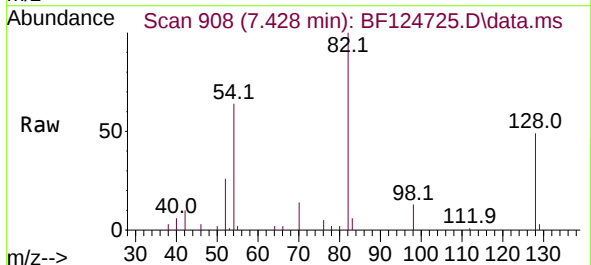
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	8.3	6.4	9.6
68	4.3	3.3	4.9

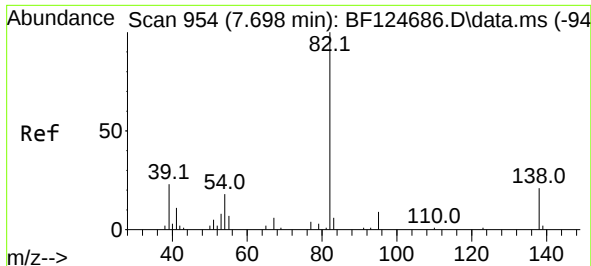


#23
Nitrobenzene-d5
Concen: 51.54 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Tgt Ion: 82 Resp: 23825

Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.6	60.8
54	63.7	49.6	74.4

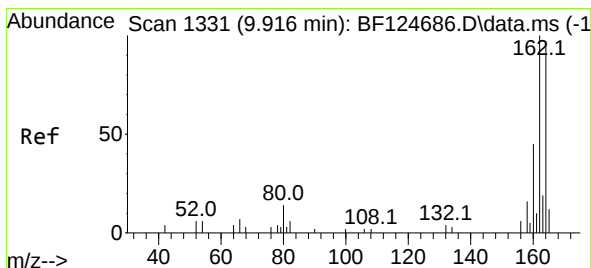
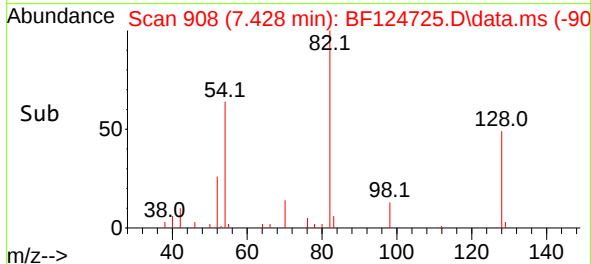
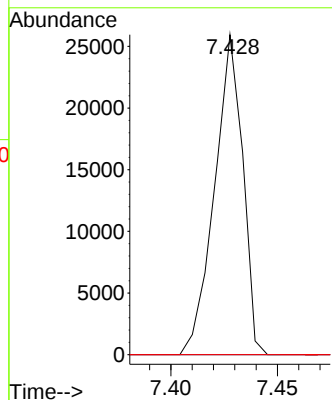
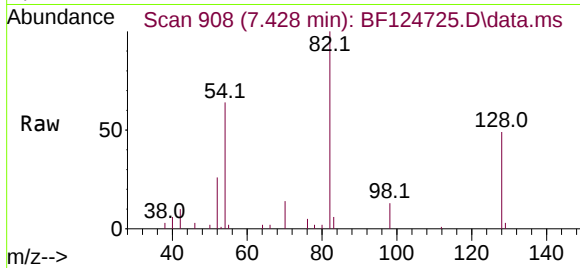




#25
Isophorone
Concen: 29.15 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

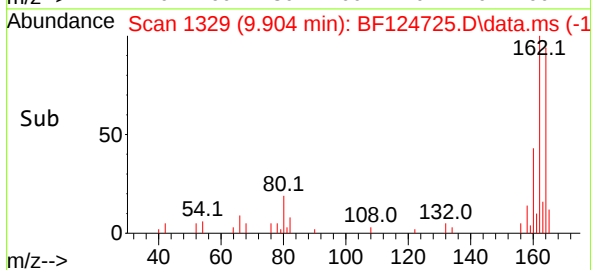
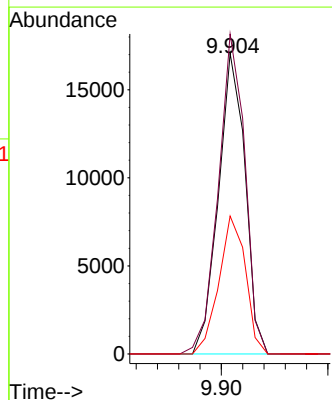
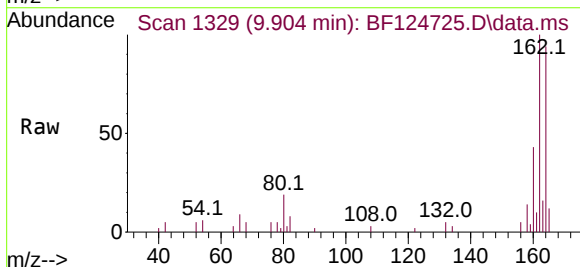
Instrument :
BNA_F
ClientSampleId :
TP-B

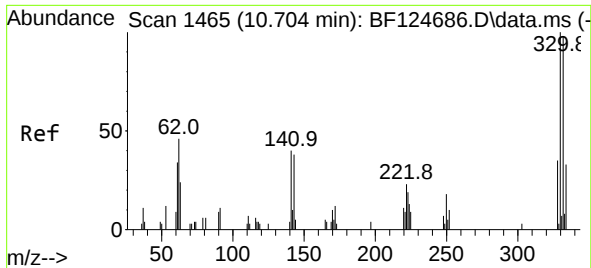
Tgt Ion: 82 Resp: 23824
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Tgt Ion:164 Resp: 14794
Ion Ratio Lower Upper
164 100
162 106.4 81.3 121.9
160 45.9 38.0 57.0

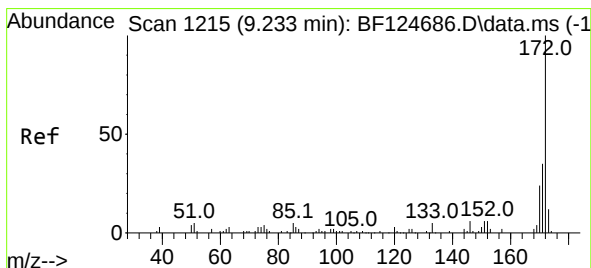
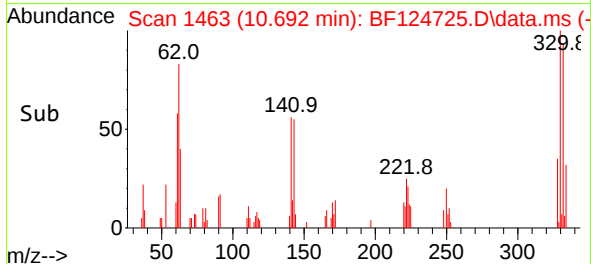
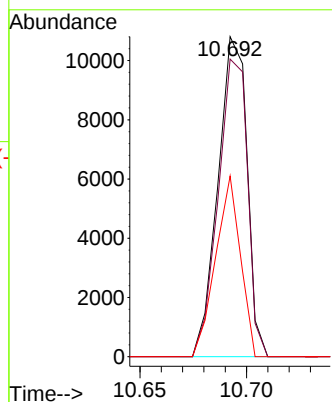
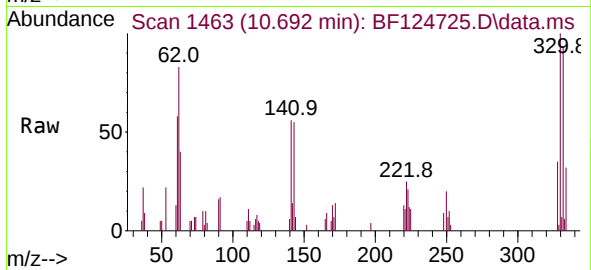




#42
2,4,6-Tribromophenol
Concen: 80.73 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

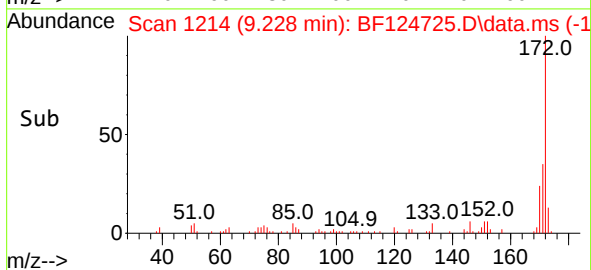
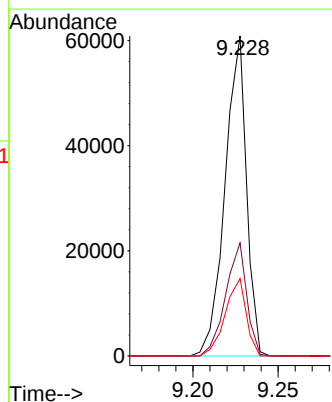
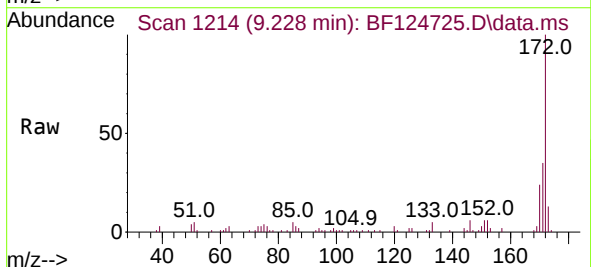
Instrument :
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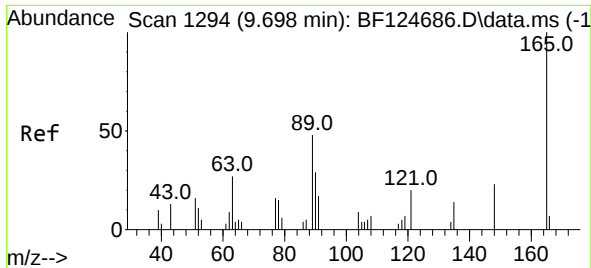
Tgt Ion: 330 Resp: 10254
Ion Ratio Lower Upper
330 100
332 93.8 76.2 114.4
141 48.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 52.76 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Tgt Ion: 172 Resp: 53143
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.2 18.8 28.2

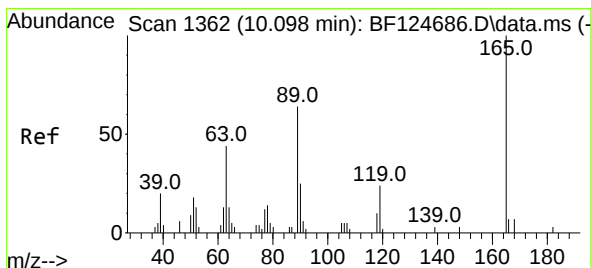
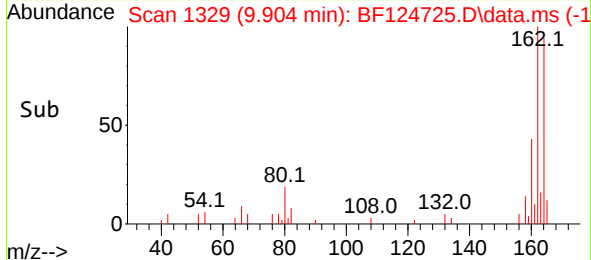
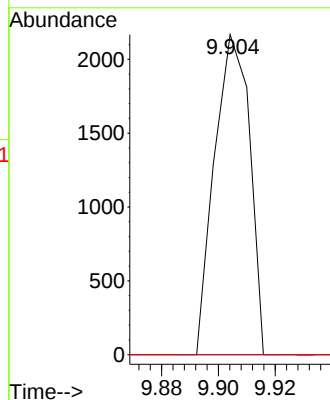
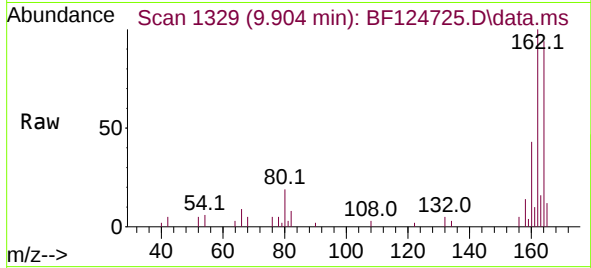




#51
2,6-Dinitrotoluene
Concen: 8.27 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

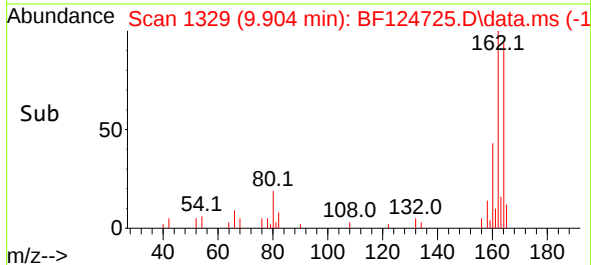
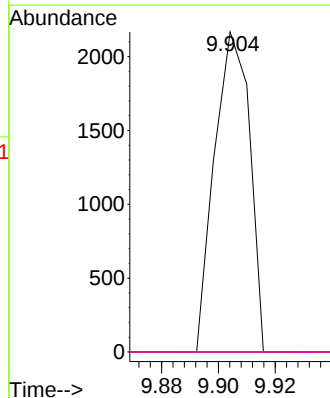
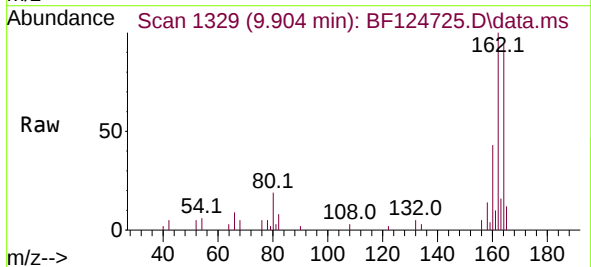
Instrument :
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ClientSampleId :
TP-B

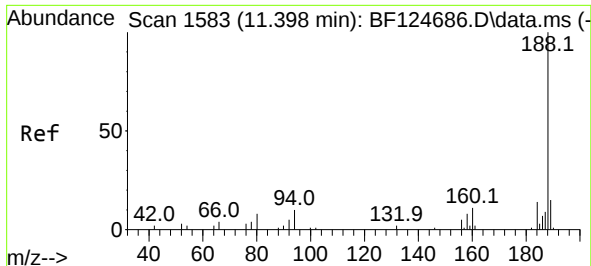
Tgt Ion:165 Resp: 1861
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Tgt Ion:165 Resp: 1861
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

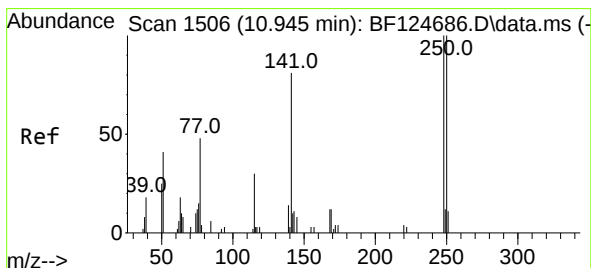
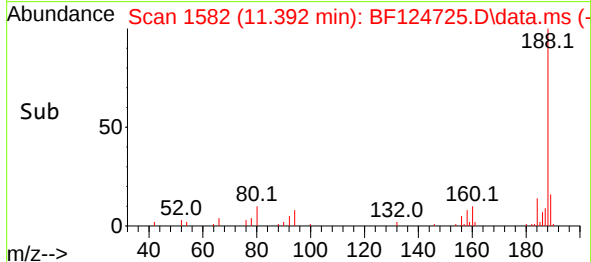
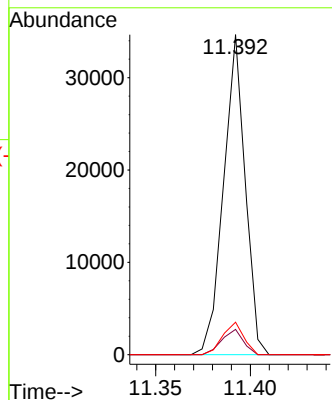
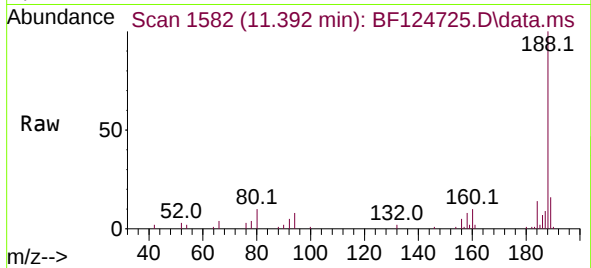




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

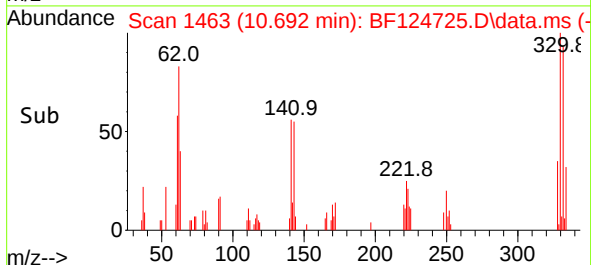
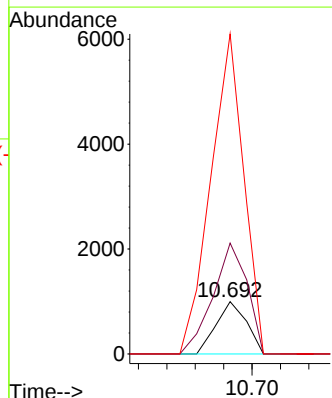
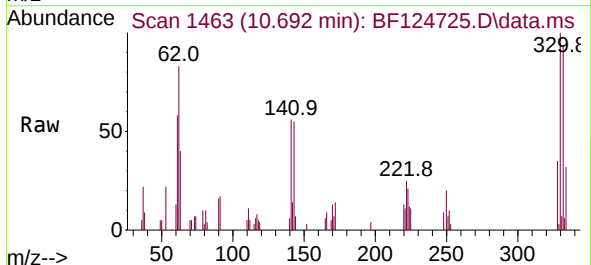
Instrument :
BNA_F
ClientSampleId :
TP-B

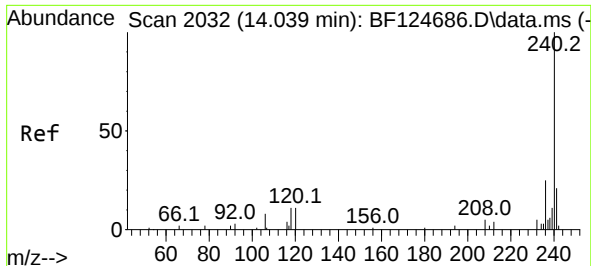
Tgt Ion:188 Resp: 27570
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 10.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.52 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Tgt Ion:248 Resp: 737
Ion Ratio Lower Upper
248 100
250 212.0 74.2 111.4#
141 611.8 60.4 90.6#

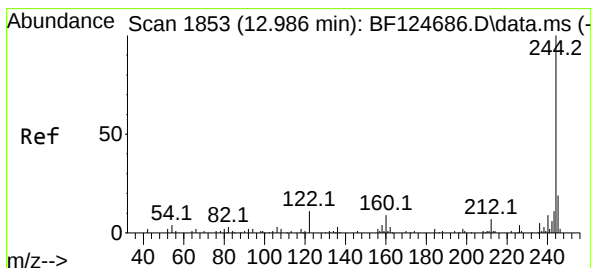
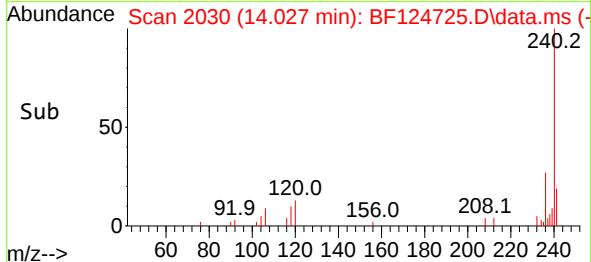
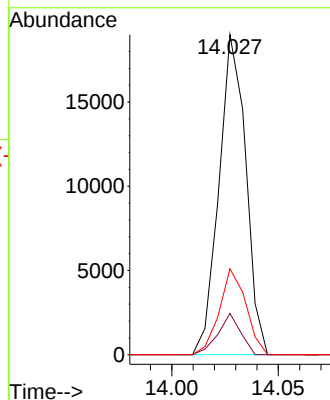
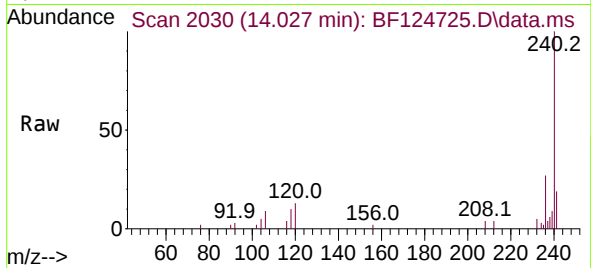




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

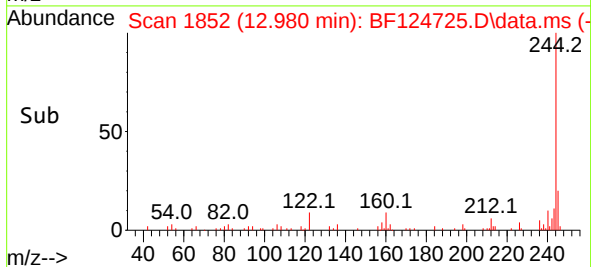
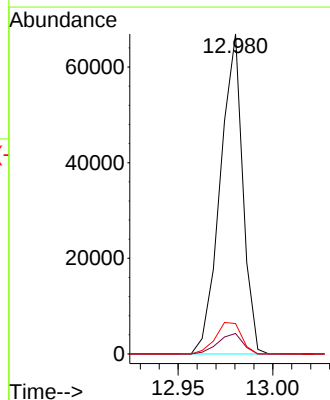
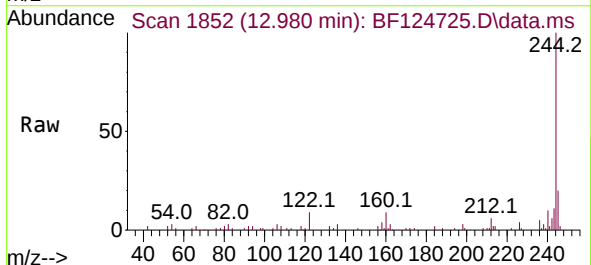
Instrument :
BNA_F
ClientSampleId :
TP-B

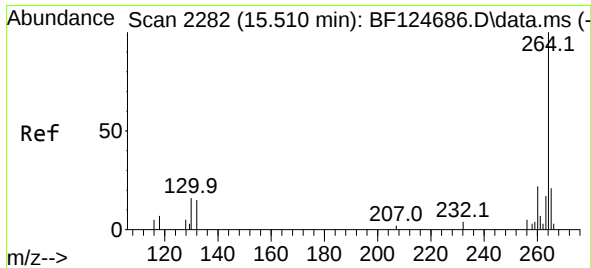
Tgt Ion:240	Resp:	16619
Ion Ratio	Lower	Upper
240	100	
120	12.9	10.8 16.2
236	26.9	21.6 32.4



#79
Terphenyl-d14
Concen: 57.02 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124725.D
Acq: 23 Jul 2021 21:51

Tgt Ion:244	Resp:	55281
Ion Ratio	Lower	Upper
244	100	
212	6.4	5.9 8.9
122	9.5	9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124725.D
 Acq: 23 Jul 2021 21:51

Instrument :
 BNA_F
 ClientSampled :
 TP-B

Tgt Ion:264	Resp:	12605
Ion Ratio	Lower	Upper
264	100	
260	25.3	19.6 29.4
265	20.7	17.2 25.8

