

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124734.D
 Acq On : 24 Jul 2021 2:46
 Operator : JU/CG
 Sample : M3139-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 04:40:31 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)

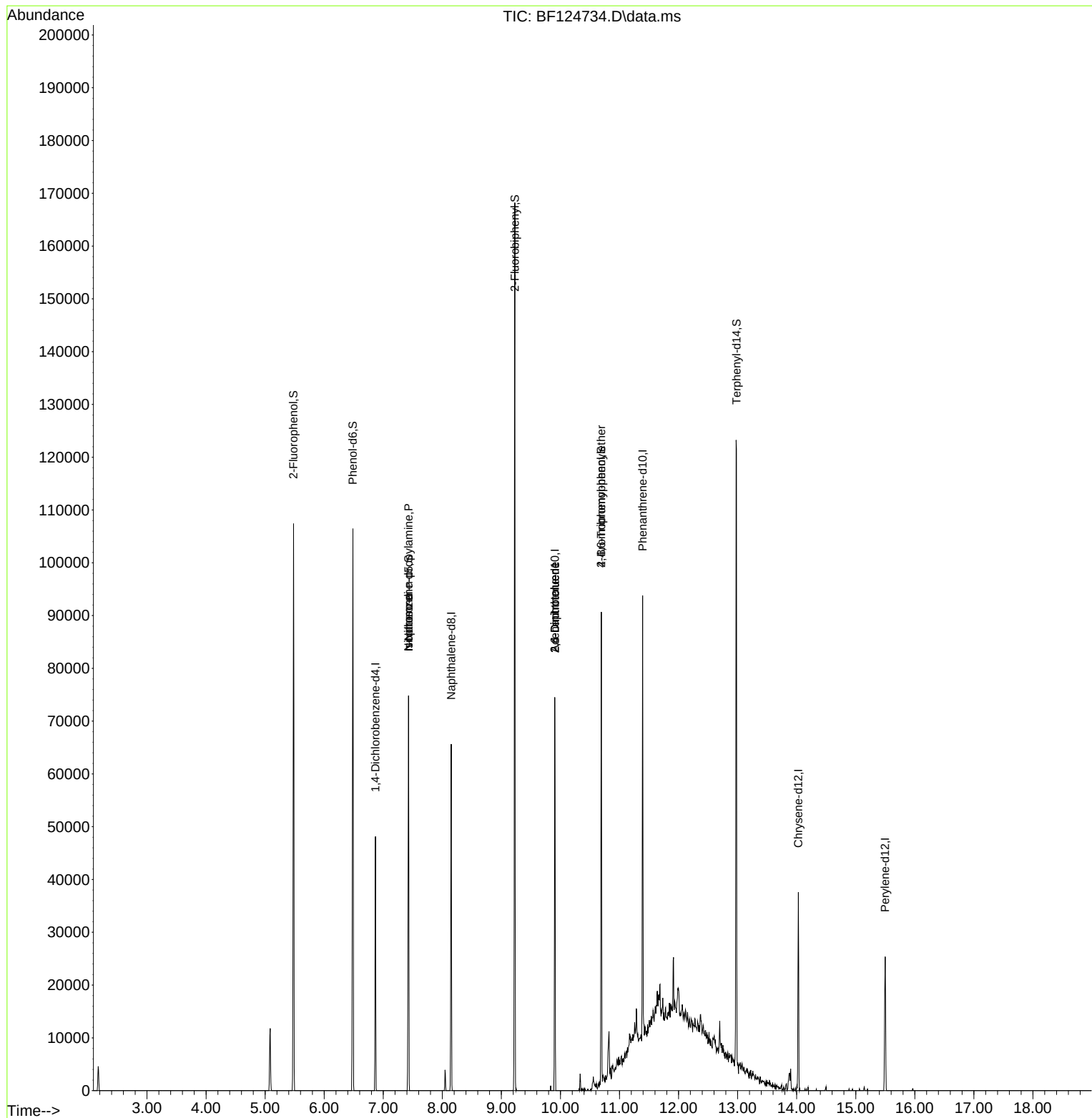
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6924	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	28396	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	15357	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	25328	20.00	ng	0.00
76) Chrysene-d12	14.027	240	13548	20.00	ng	-0.01
86) Perylene-d12	15.498	264	12701	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	28374	69.38	ng	0.00
7) Phenol-d6	6.486	99	33227	64.81	ng	-0.01
23) Nitrobenzene-d5	7.428	82	21712	45.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	7773	58.95	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	49500	47.34	ng	0.00
79) Terphenyl-d14	12.980	244	40434	51.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	2682	9.80	ng	Qvalue # 67
25) Isophorone	7.428	82	21711	25.74	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1891	8.09	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1891	5.96	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	556	2.07	ng	# 1

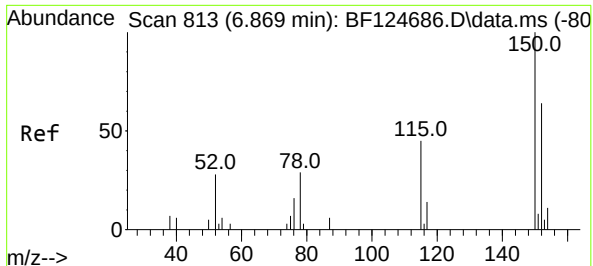
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Jul 24 04:40:31 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

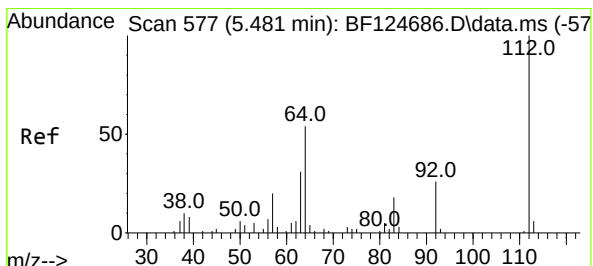
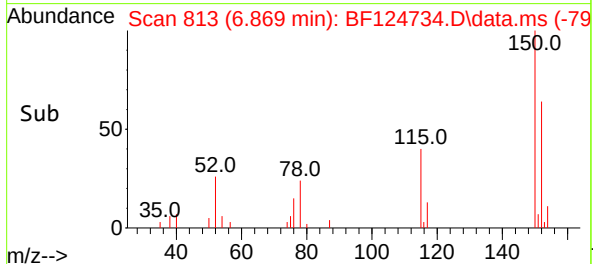
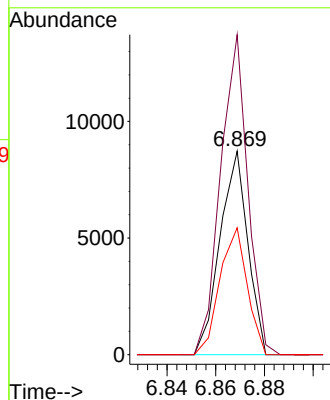
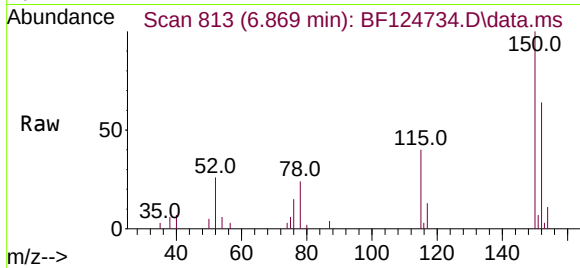




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

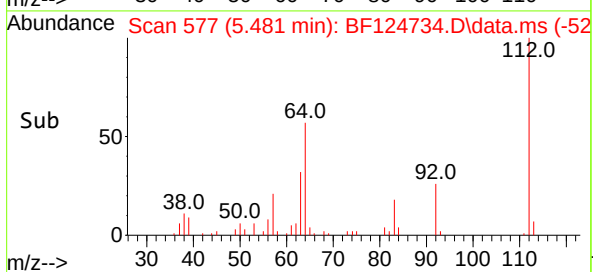
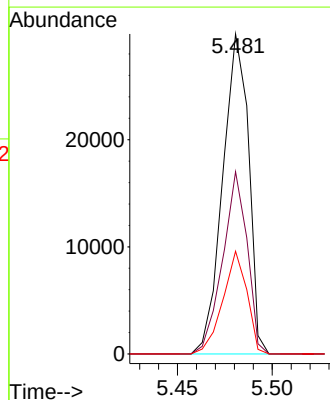
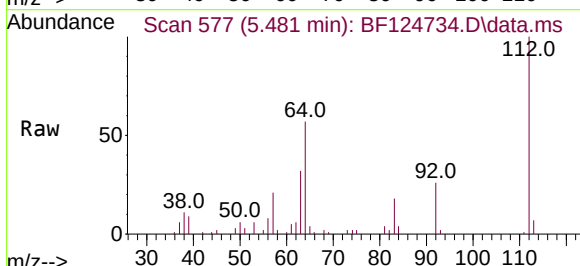
Instrument :
BNA_F
ClientSampleId :

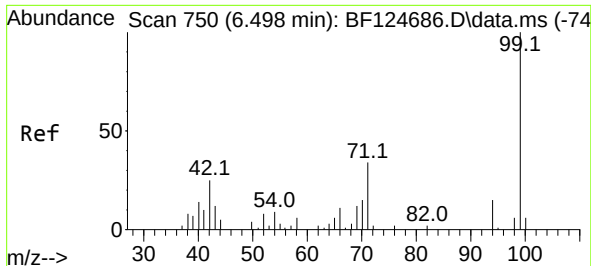
Tgt Ion:152 Resp: 6924
Ion Ratio Lower Upper
152 100
150 157.2 117.6 176.4
115 62.4 47.1 70.7



#5
2-Fluorophenol
Concen: 69.38 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

Tgt Ion:112 Resp: 28374
Ion Ratio Lower Upper
112 100
64 56.9 44.2 66.2
63 32.1 26.2 39.2

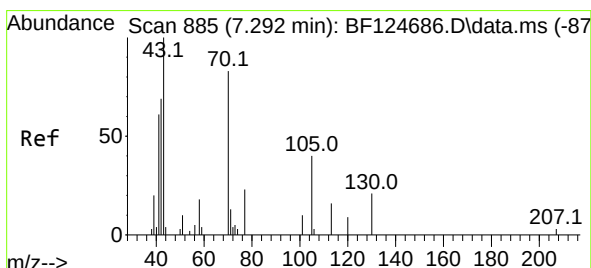
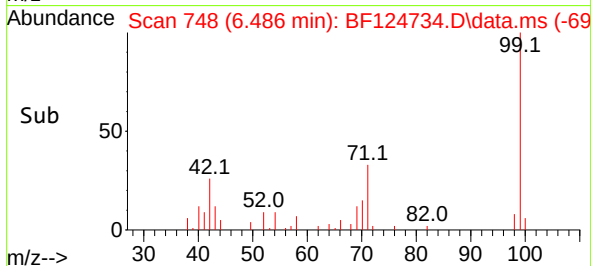
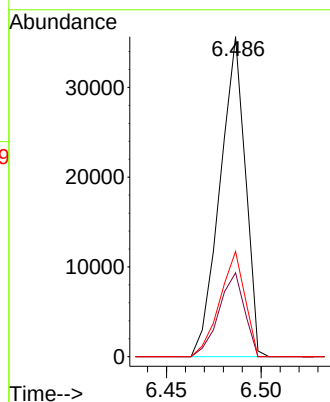
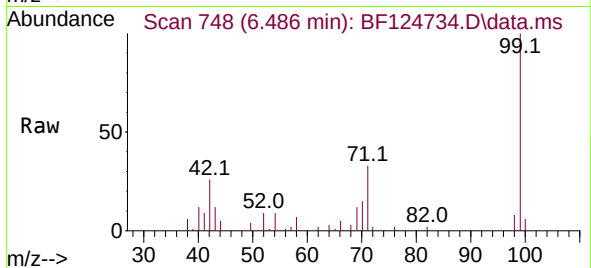




#7
Phenol-d6
Concen: 64.81 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

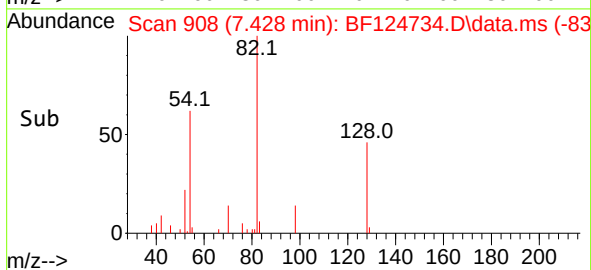
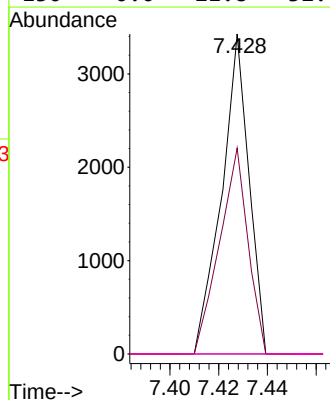
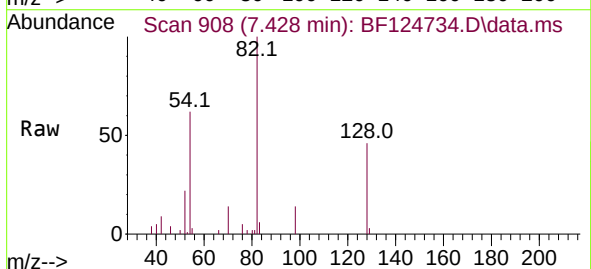
Instrument :
BNA_F
ClientSampleId :

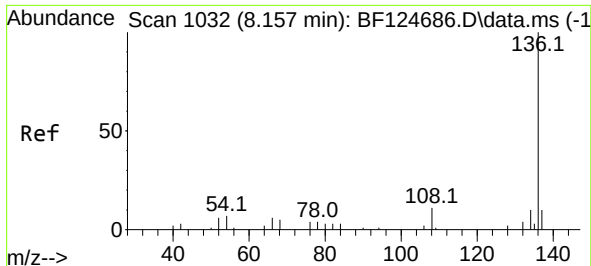
Tgt Ion: 99	Resp: 33227
Ion Ratio	Lower Upper
99 100	
42 26.2	23.5 35.3
71 32.9	25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.80 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

Tgt Ion: 70	Resp: 2682
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#

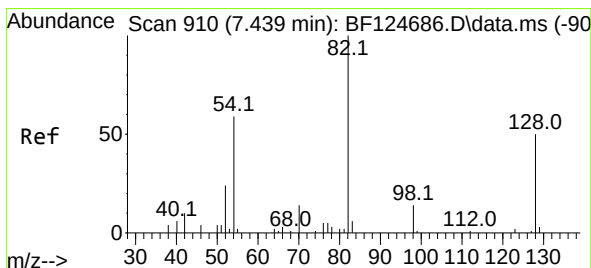
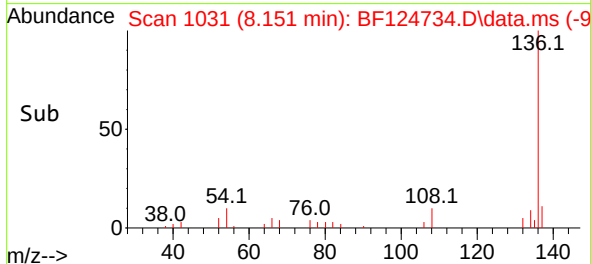
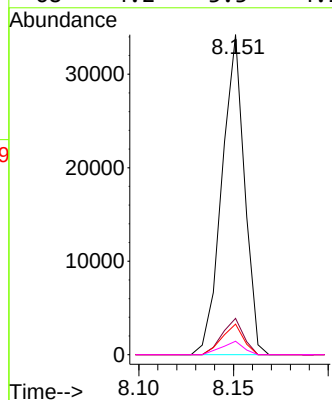
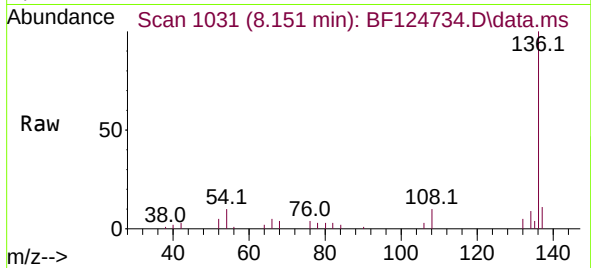




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

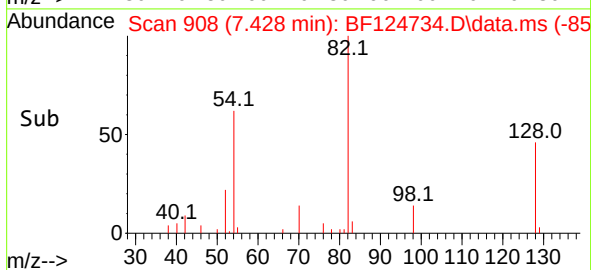
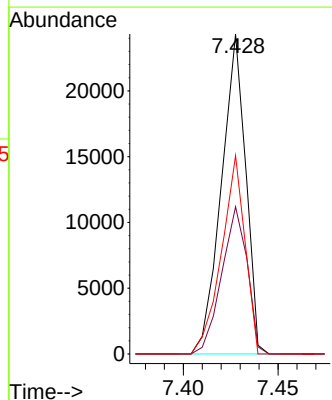
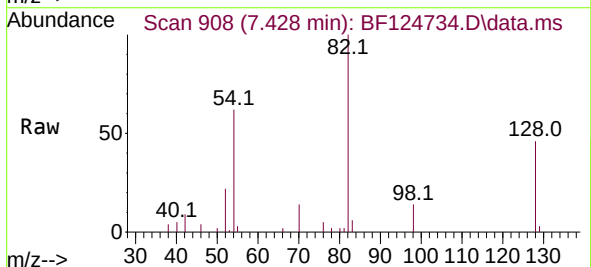
Instrument :
BNA_F
ClientSampleId :

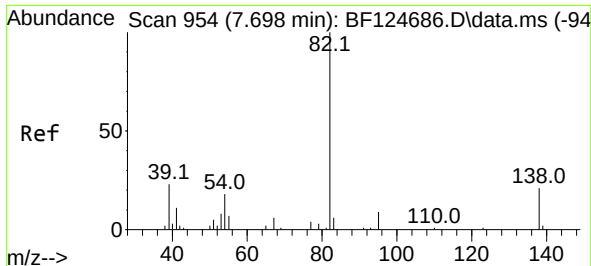
Tgt Ion:136	Resp:	28396
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.8 14.6
54	9.5	6.4 9.6
68	4.2	3.3 4.9



#23
Nitrobenzene-d5
Concen: 45.51 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

Tgt Ion: 82	Resp:	21712
Ion Ratio	Lower	Upper
82	100	
128	46.0	40.6 60.8
54	62.0	49.6 74.4

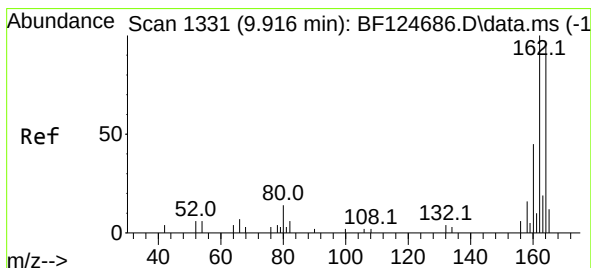
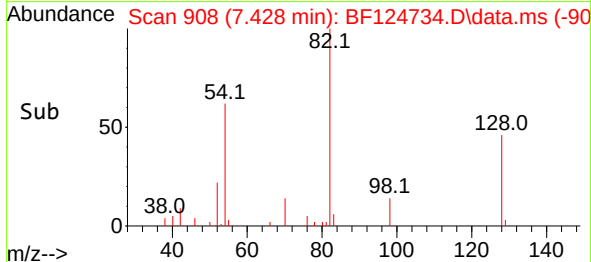
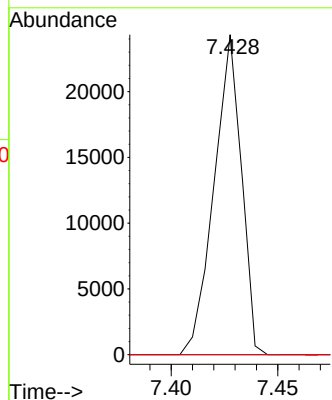
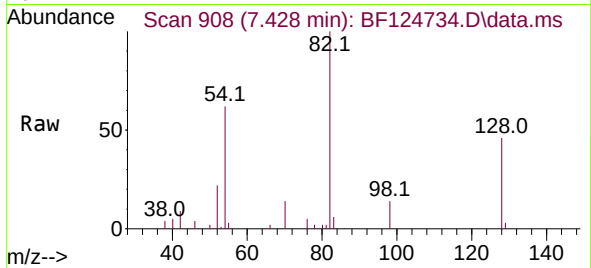




#25
Isophorone
Concen: 25.74 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

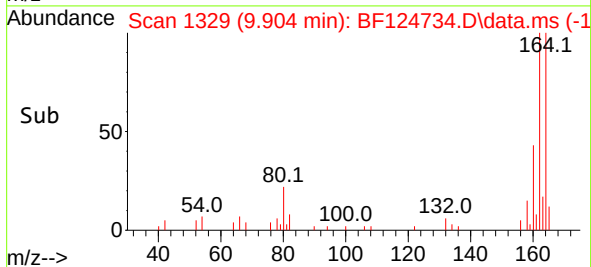
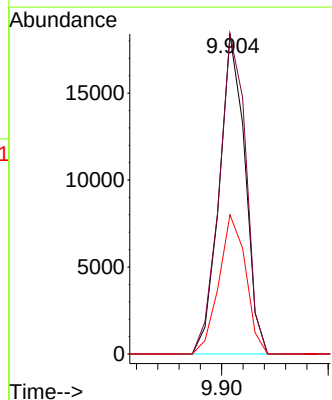
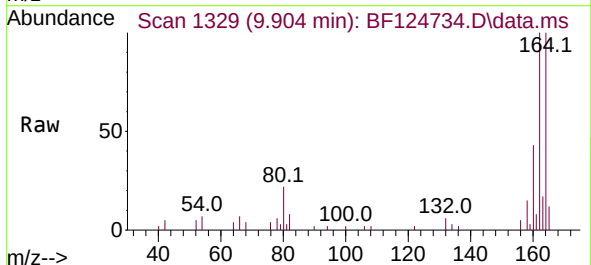
Instrument :
BNA_F
ClientSampleId :

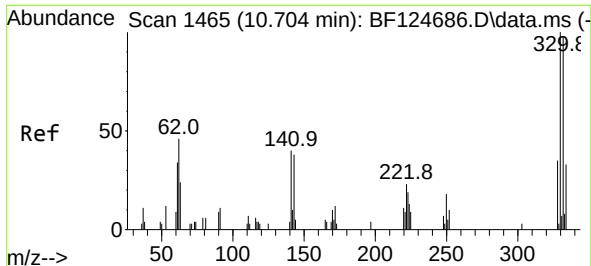
Tgt Ion: 82 Resp: 21711
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

Tgt Ion: 164 Resp: 15357
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 43.6 38.0 57.0

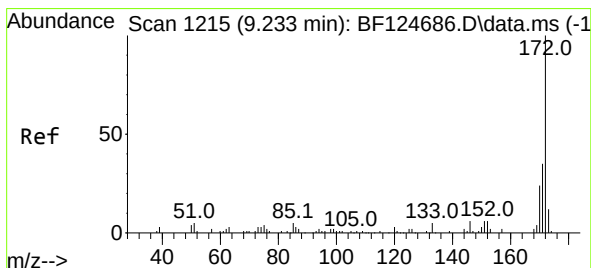
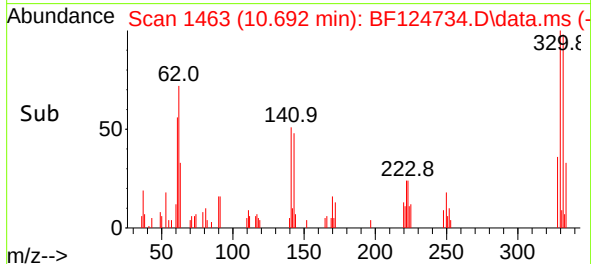
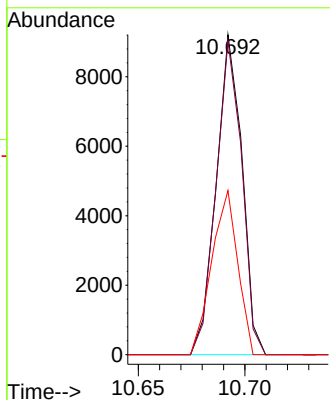
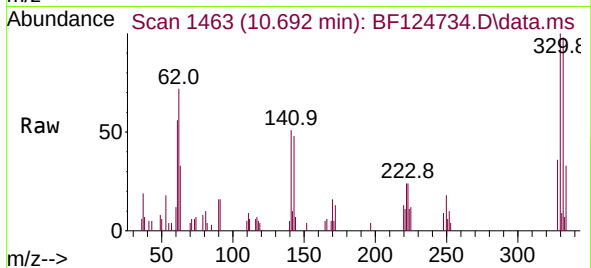




#42
2,4,6-Tribromophenol
Concen: 58.95 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

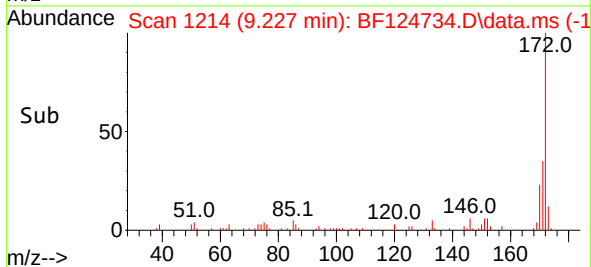
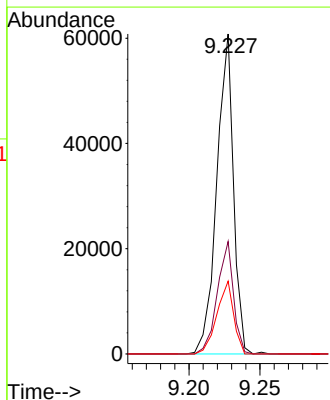
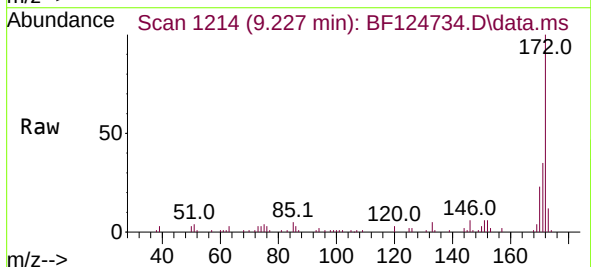
Instrument :
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ClientSampleId :

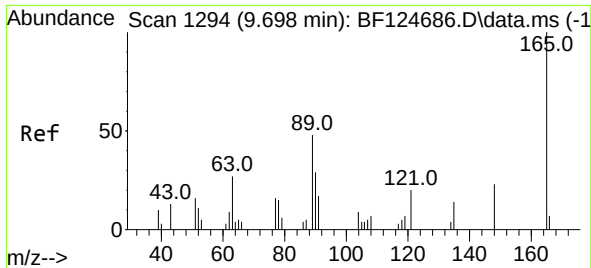
Tgt Ion: 330 Resp: 7773
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 51.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 47.34 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

Tgt Ion: 172 Resp: 49500
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 22.8 18.8 28.2

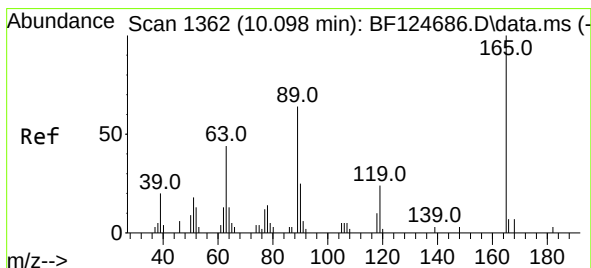
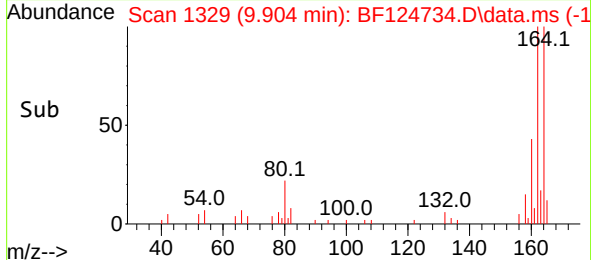
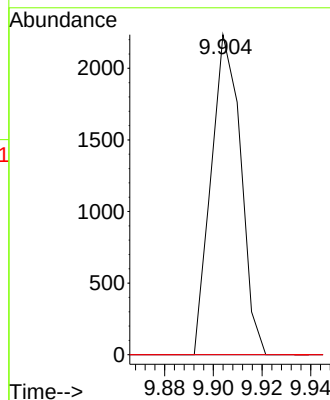
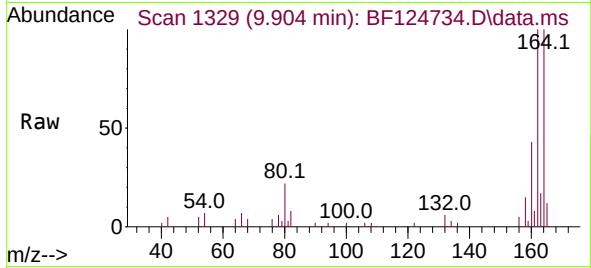




#51
2,6-Dinitrotoluene
Concen: 8.09 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

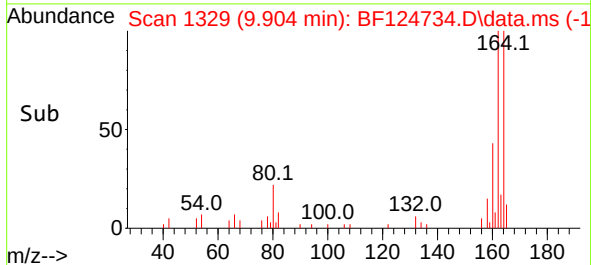
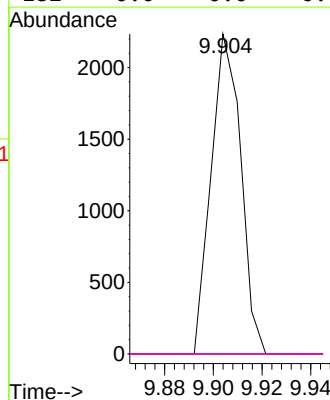
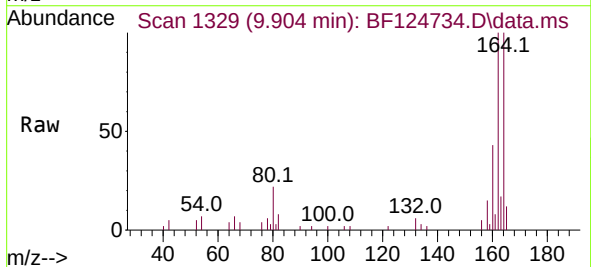
Instrument :
BNA_F
ClientSampled :

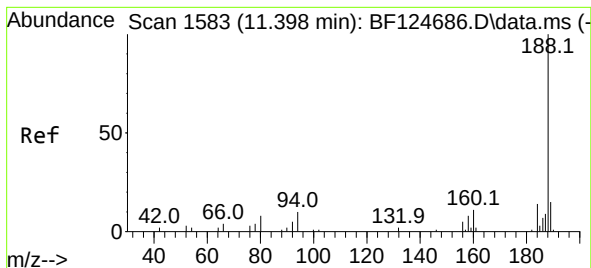
Tgt Ion:165 Resp: 1891
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

Tgt Ion:165 Resp: 1891
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

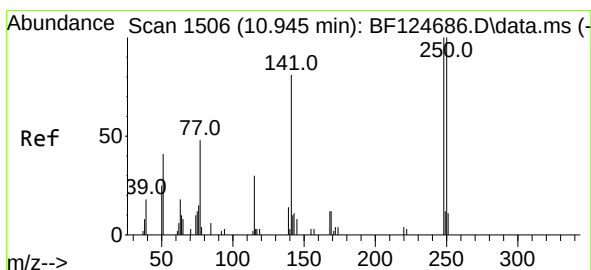
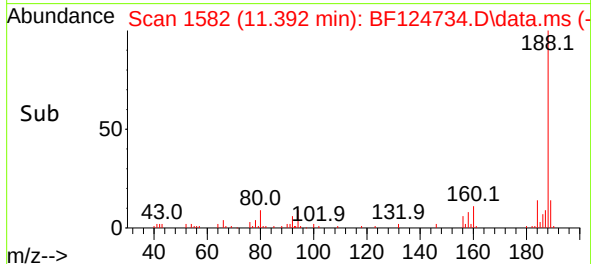
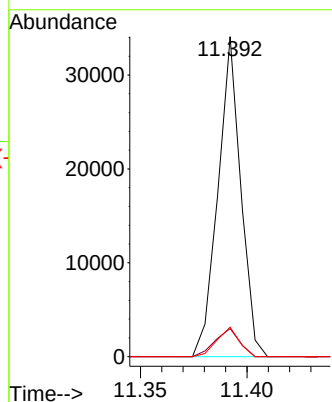
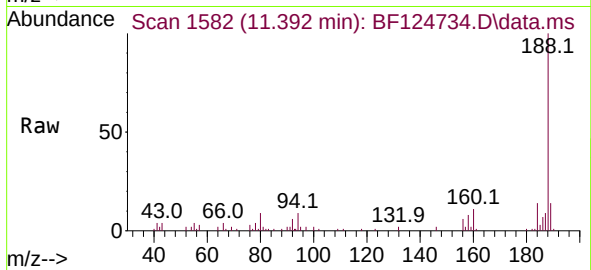




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

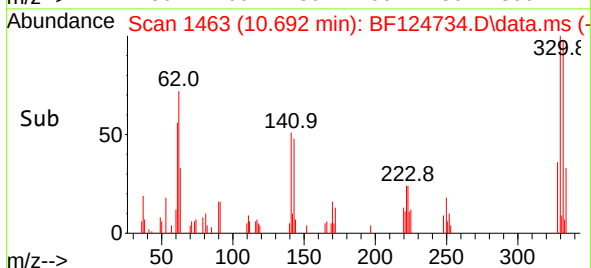
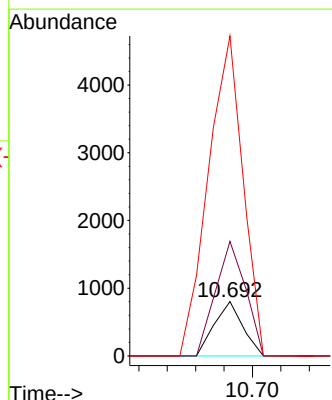
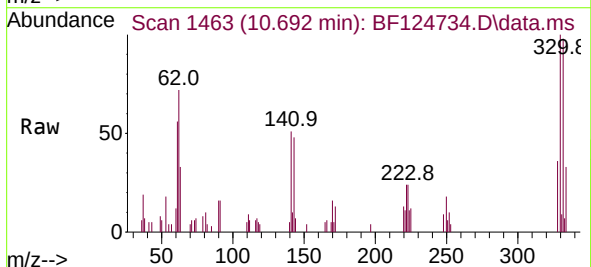
Instrument :
BNA_F
ClientSampleId :

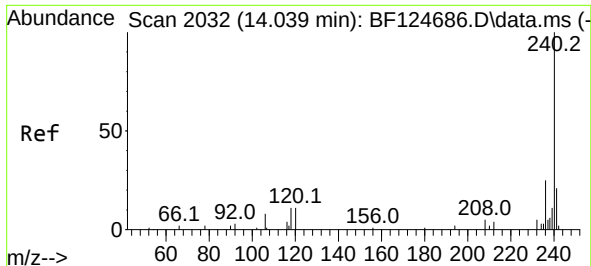
Tgt Ion:188 Resp: 25328
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.07 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

Tgt Ion:248 Resp: 556
Ion Ratio Lower Upper
248 100
250 280.1 74.2 111.4#
141 588.3 60.4 90.6#

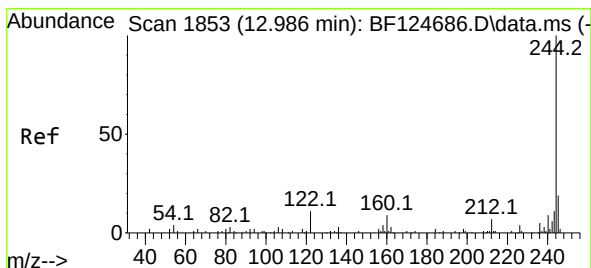
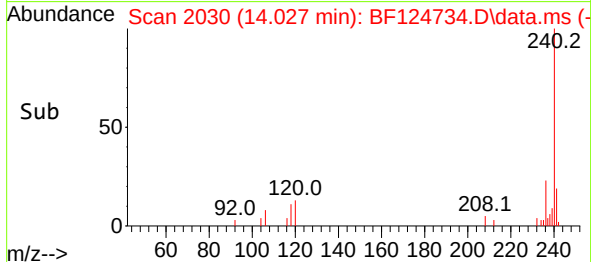
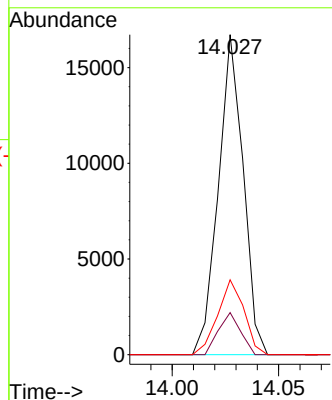
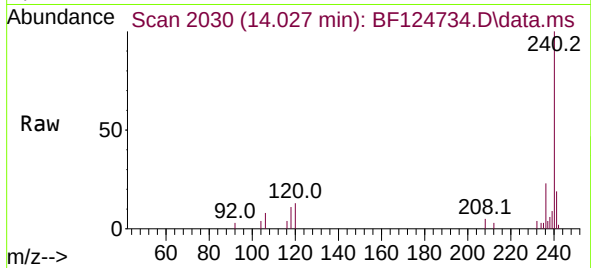




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

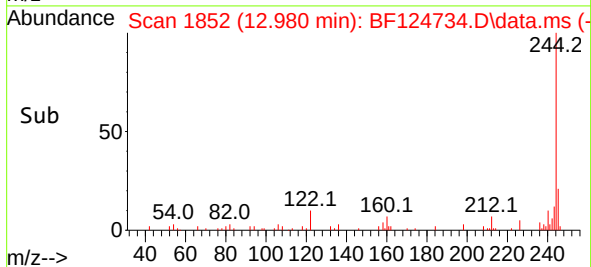
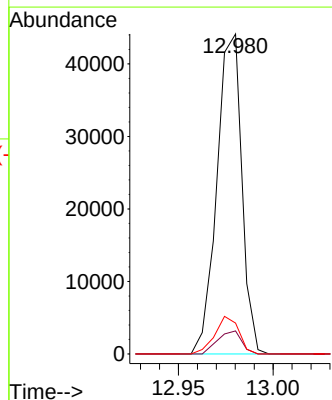
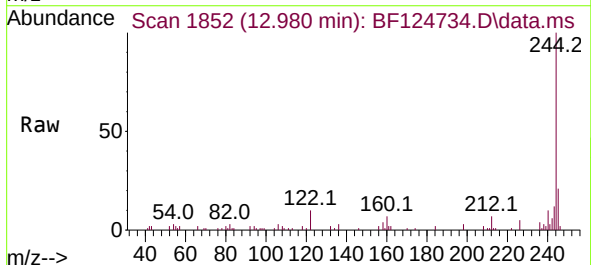
Instrument :
BNA_F
ClientSampleId :

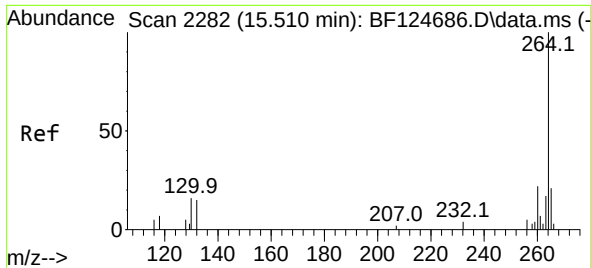
Tgt Ion:240 Resp: 13548
Ion Ratio Lower Upper
240 100
120 13.1 10.8 16.2
236 23.4 21.6 32.4



#79
Terphenyl-d14
Concen: 51.16 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124734.D
Acq: 24 Jul 2021 2:46

Tgt Ion:244 Resp: 40434
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.6 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: BF124734.D
 Acq: 24 Jul 2021 2:46

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264	Resp:	12701
Ion Ratio	Lower	Upper
264	100	
260	24.1	19.6 29.4
265	23.0	17.2 25.8

