

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124695.D
 Acq On : 22 Jul 2021 18:20
 Operator : JU/CG
 Sample : M3135-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Quant Time: Jul 23 02:05:46 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)

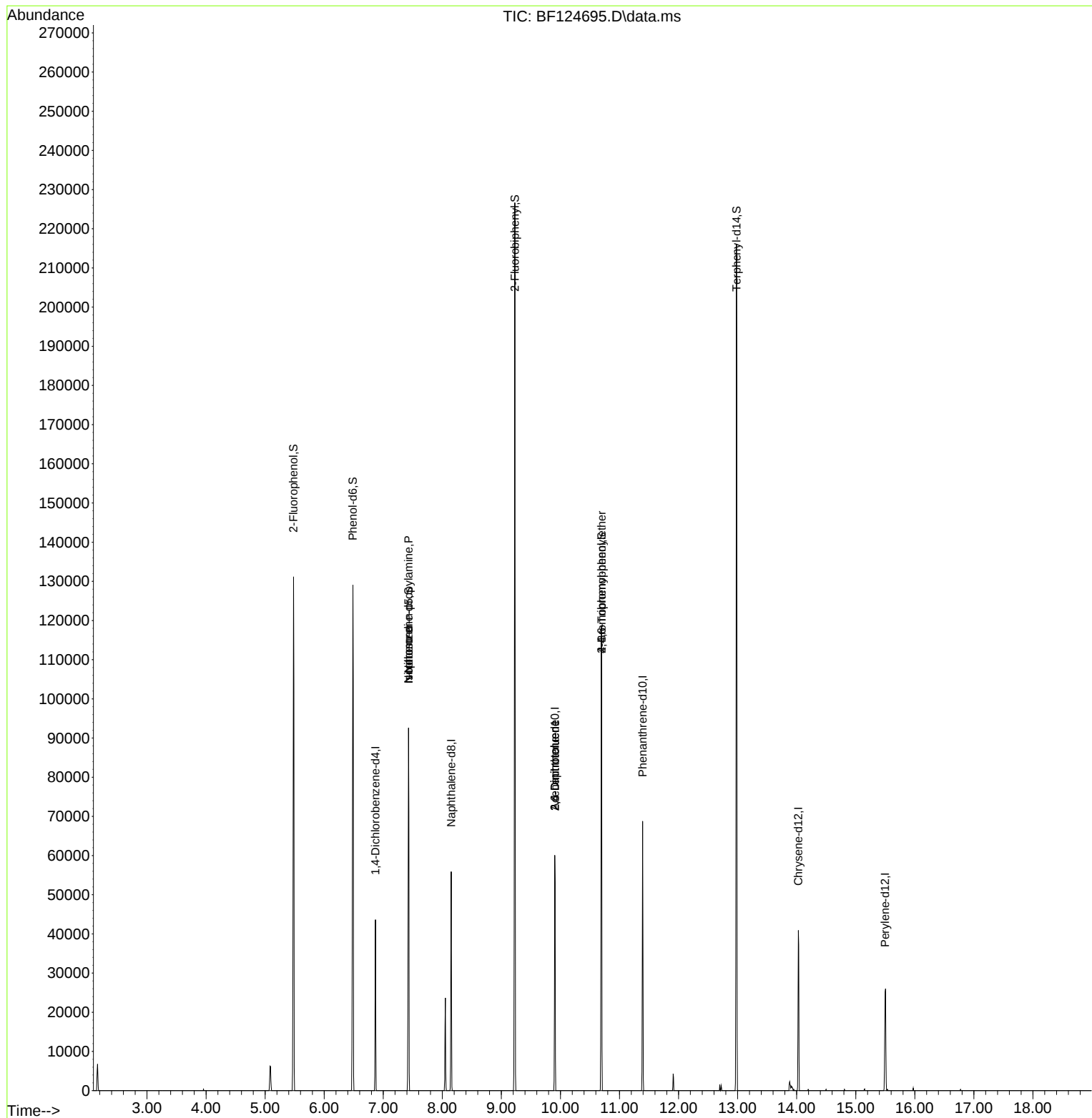
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5855	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	22985	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	12963	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	24151	20.00	ng	0.00
76) Chrysene-d12	14.027	240	15783	20.00	ng	-0.01
86) Perylene-d12	15.498	264	13739	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	36228	104.76	ng	0.00
7) Phenol-d6	6.487	99	44246	102.06	ng	-0.01
23) Nitrobenzene-d5	7.428	82	28237	73.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	11688	105.01	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	65005	73.65	ng	0.00
79) Terphenyl-d14	12.980	244	75668	82.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	3564	15.40	ng	Qvalue # 71
25) Isophorone	7.428	82	28236	41.35	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1541	7.81	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1541	5.76	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	957	3.74	ng	# 1

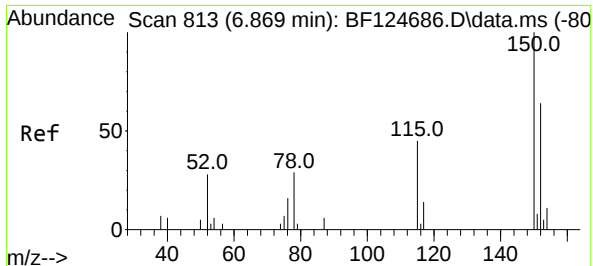
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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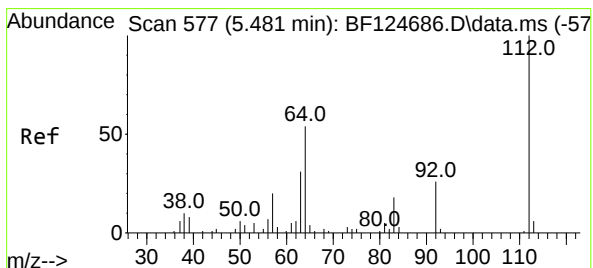
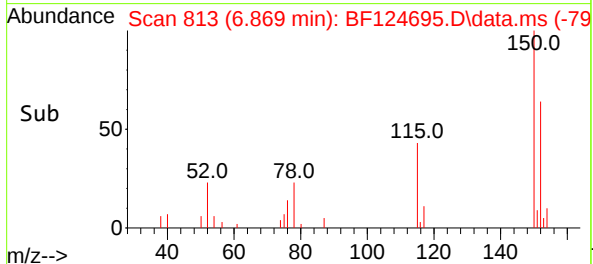
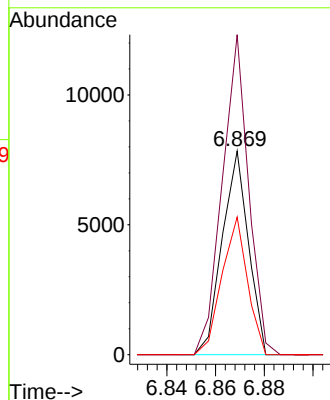
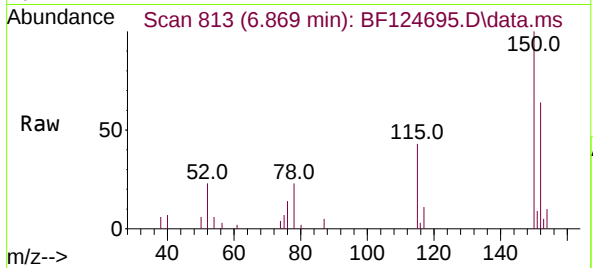




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

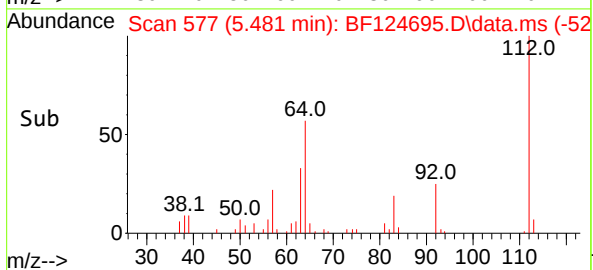
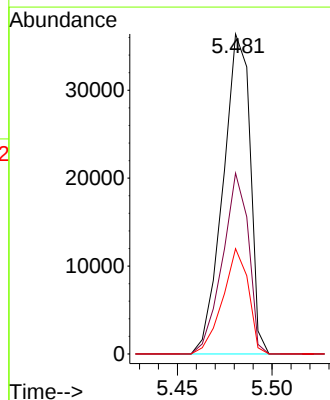
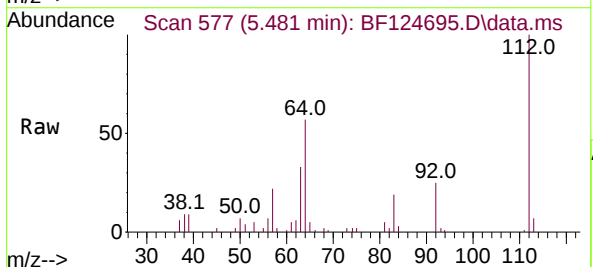
Instrument :
BNA_F
ClientSampled :
TP-A

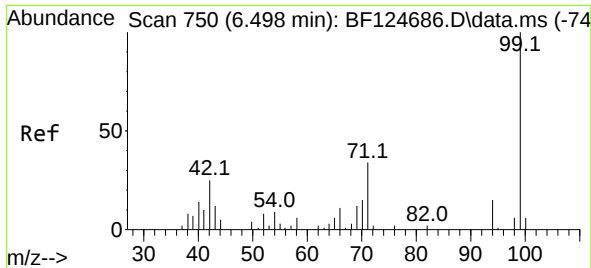
Tgt Ion:152 Resp: 5855
Ion Ratio Lower Upper
152 100
150 157.1 117.6 176.4
115 67.5 47.1 70.7



#5
2-Fluorophenol
Concen: 104.76 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

Tgt Ion:112 Resp: 36228
Ion Ratio Lower Upper
112 100
64 56.5 44.2 66.2
63 32.9 26.2 39.2

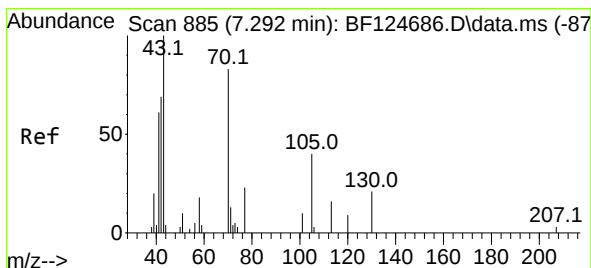
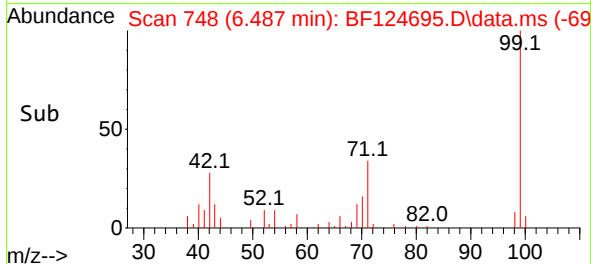
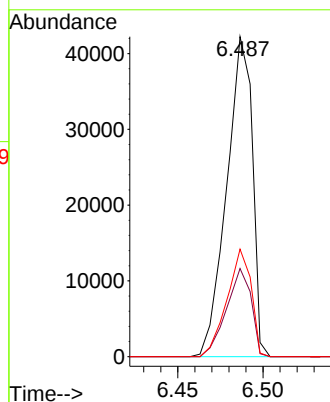
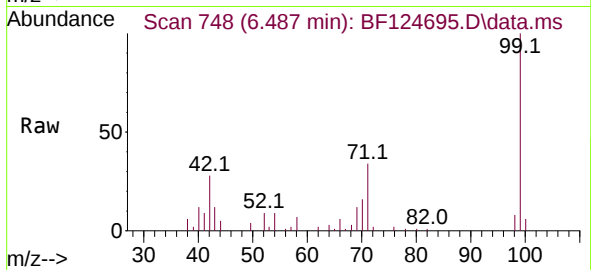




#7
Phenol-d6
Concen: 102.06 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

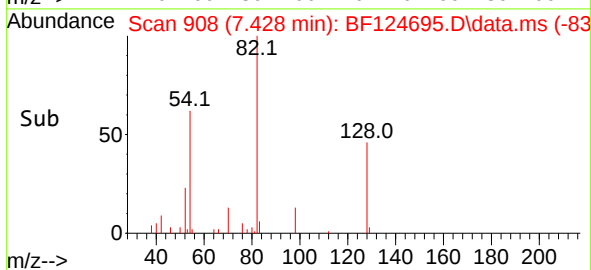
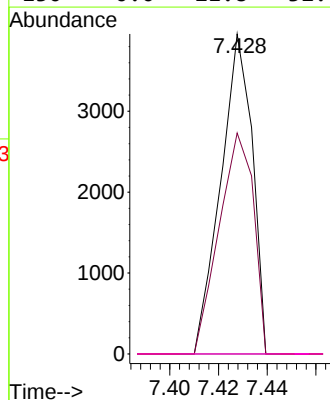
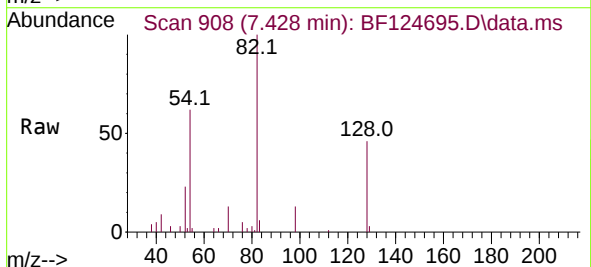
Instrument :
BNA_F
ClientSampleId :
TP-A

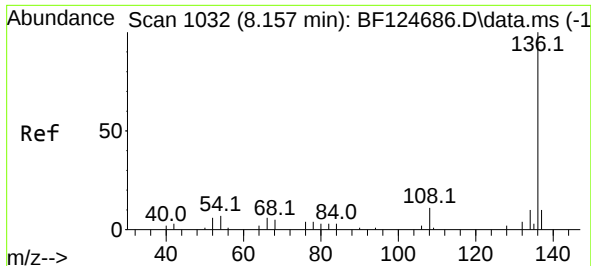
Tgt Ion:	99	Resp:	44246
Ion	Ratio	Lower	Upper
99	100		
42	27.6	23.5	35.3
71	33.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.40 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

Tgt Ion:	70	Resp:	3564
Ion	Ratio	Lower	Upper
70	100		
42	69.0	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

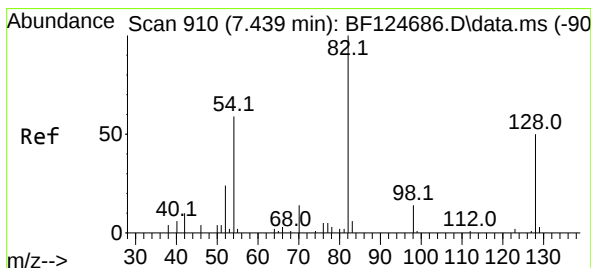
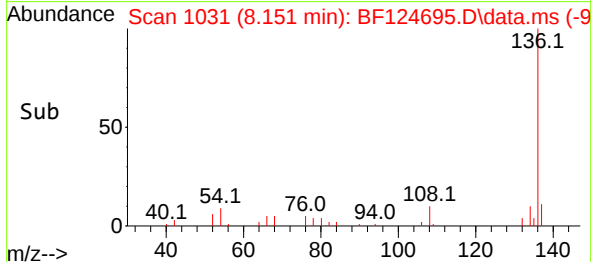
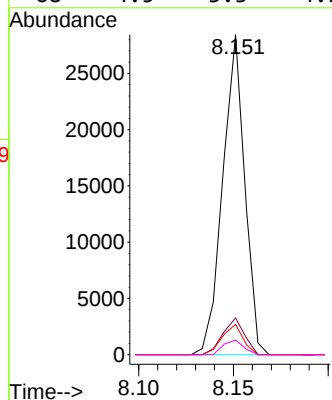
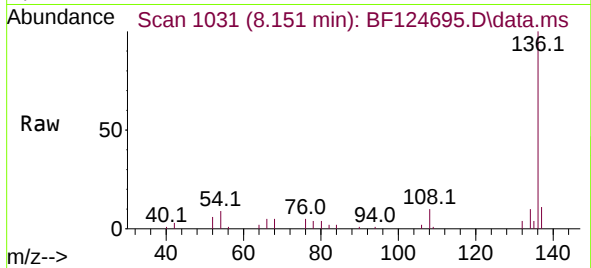




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

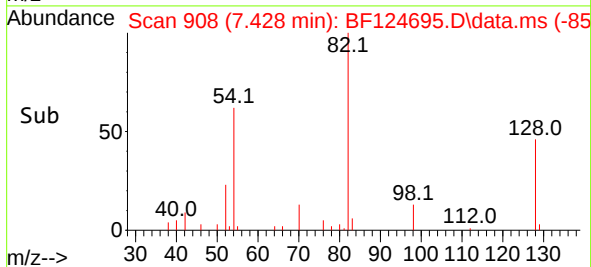
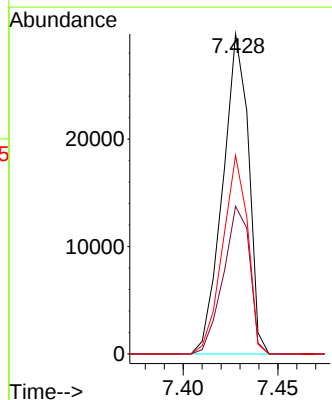
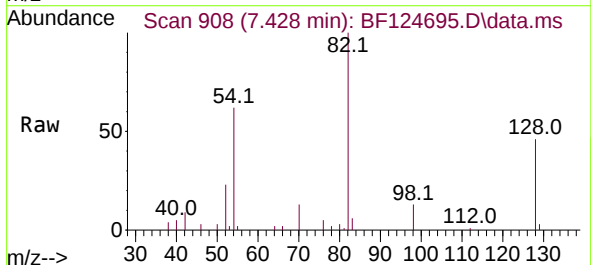
Instrument :
BNA_F
ClientSampled :
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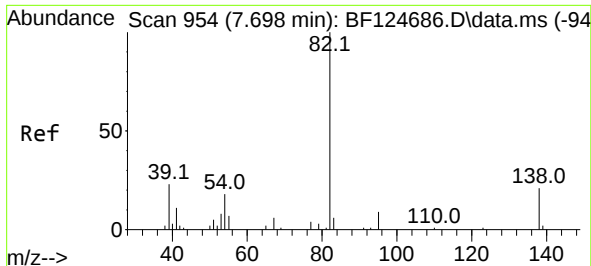
Tgt Ion:	136	Resp:	22985
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	9.5	6.4	9.6
68	4.5	3.3	4.9



#23
Nitrobenzene-d5
Concen: 73.12 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

Tgt Ion:	82	Resp:	28237
Ion	Ratio	Lower	Upper
82	100		
128	46.1	40.6	60.8
54	62.0	49.6	74.4

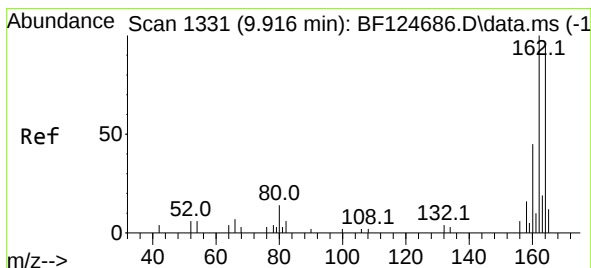
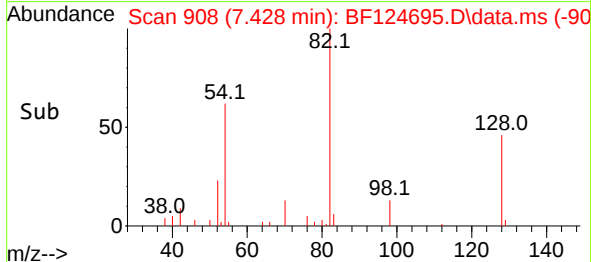
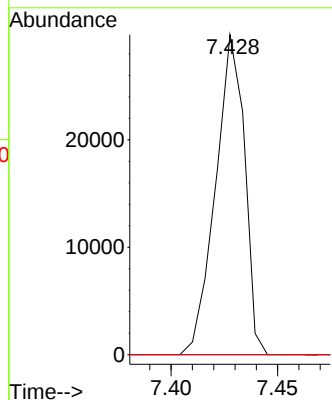
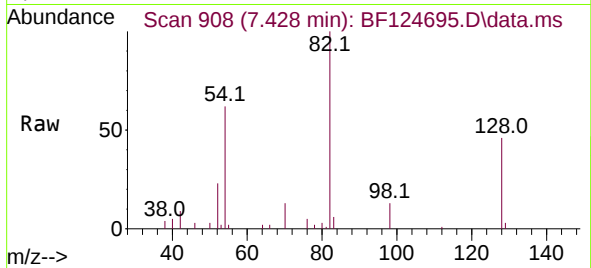




#25
Isophorone
Concen: 41.35 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

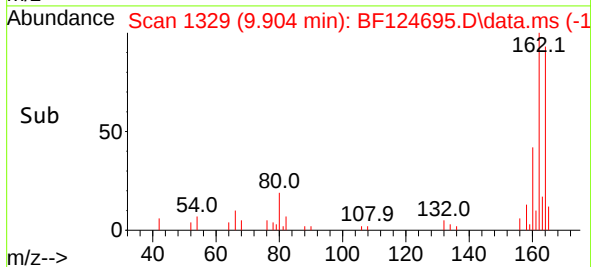
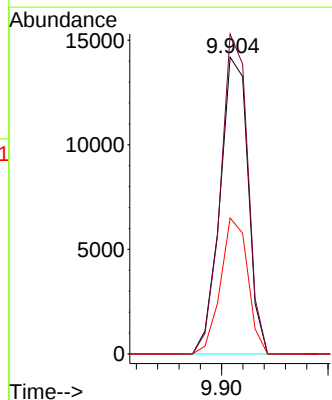
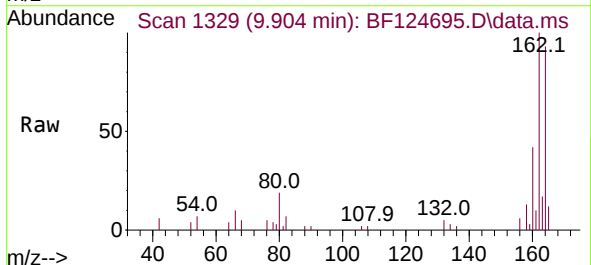
Instrument :
BNA_F
ClientSampled :
TP-A

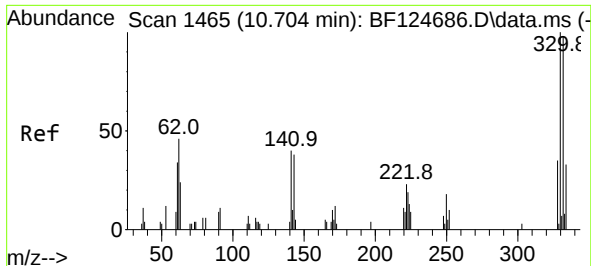
Tgt Ion: 82 Resp: 28236
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

Tgt Ion: 164 Resp: 12963
Ion Ratio Lower Upper
164 100
162 107.8 81.3 121.9
160 45.8 38.0 57.0

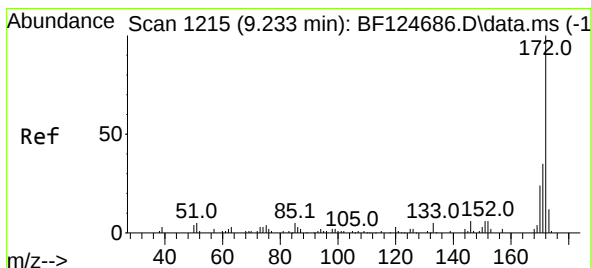
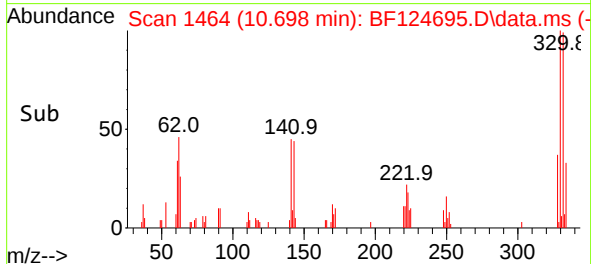
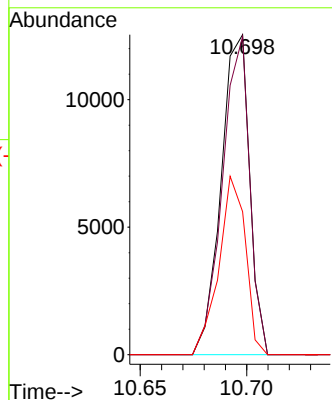
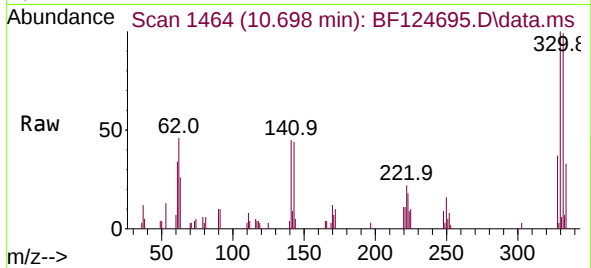




#42
2,4,6-Tribromophenol
Concen: 105.01 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

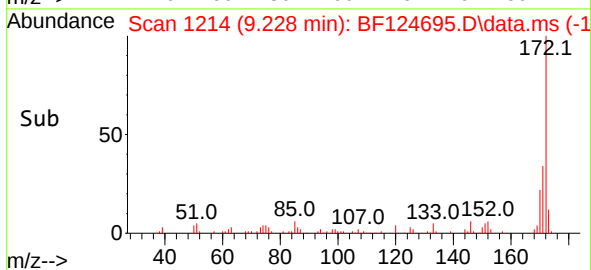
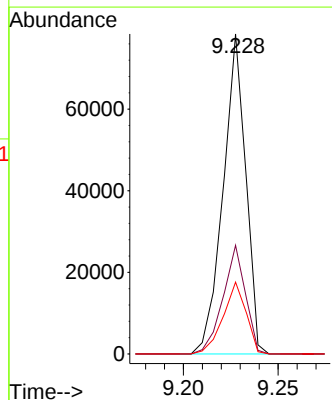
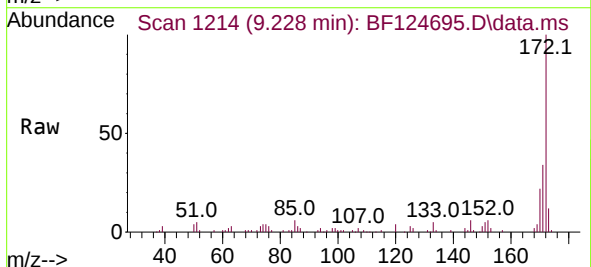
Instrument :
BNA_F
ClientSampled :
TP-A

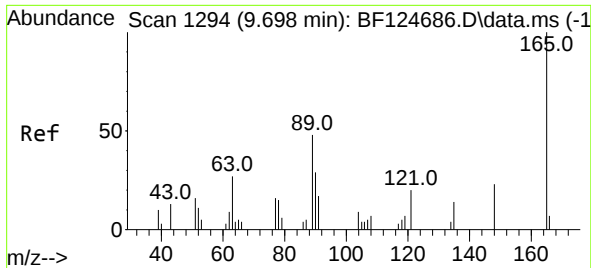
Tgt Ion: 330 Resp: 11688
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 52.1 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 73.65 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

Tgt Ion: 172 Resp: 65005
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 22.4 18.8 28.2

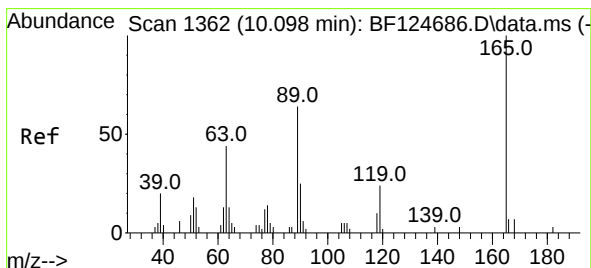
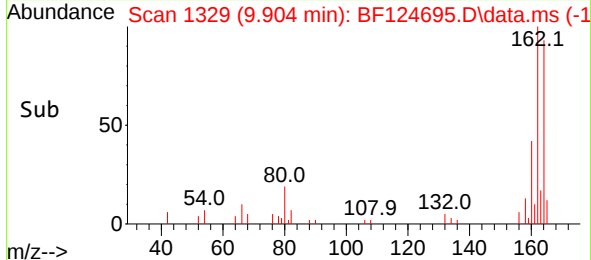
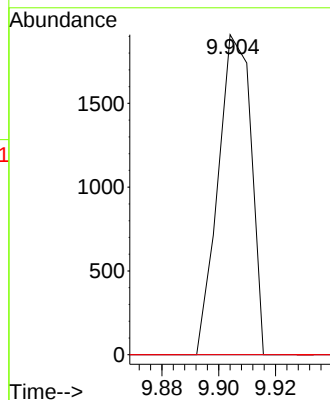
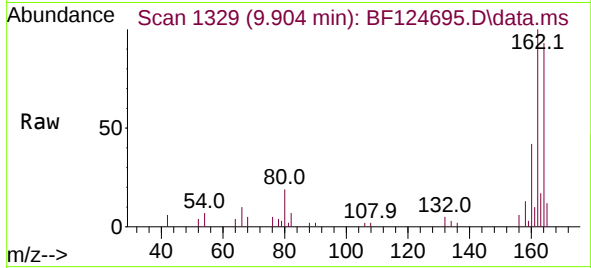




#51
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

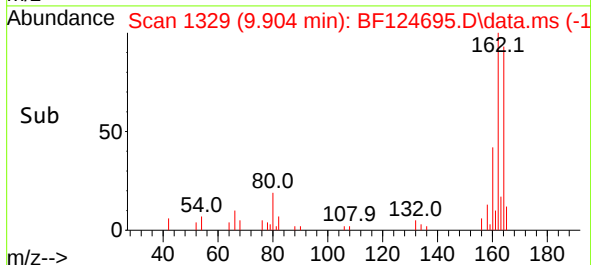
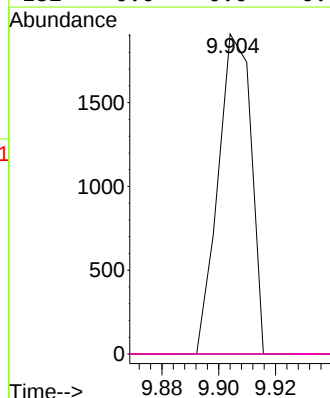
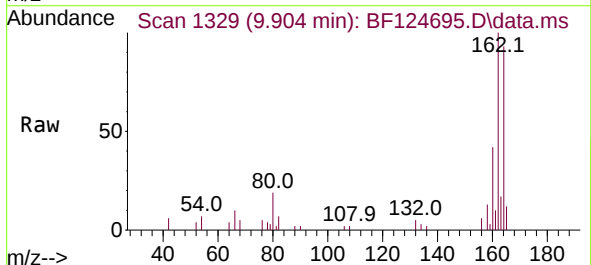
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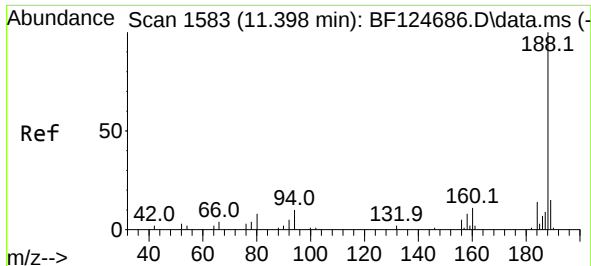
Tgt Ion:165 Resp: 1541
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.76 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

Tgt Ion:165 Resp: 1541
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

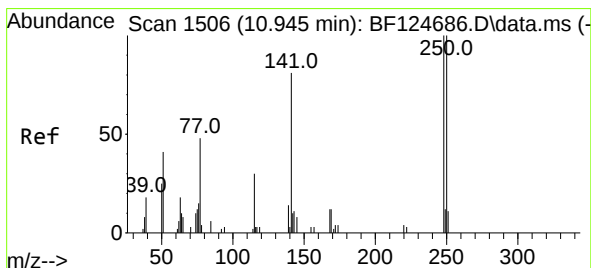
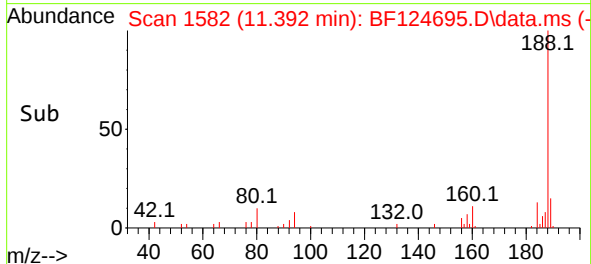
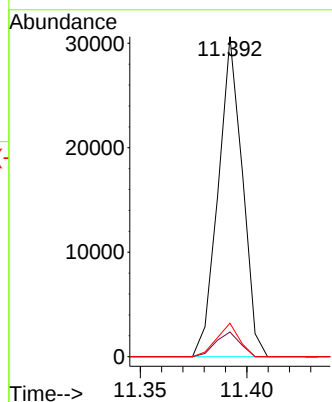
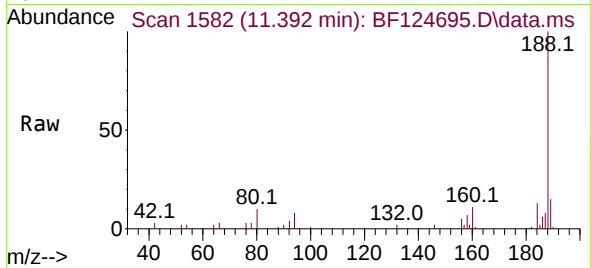




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

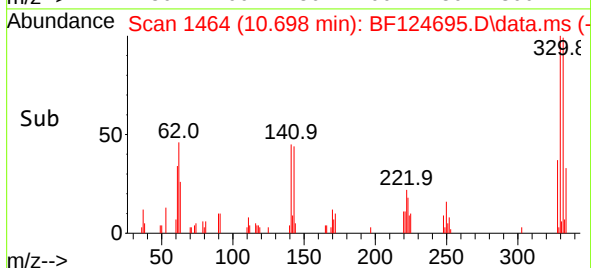
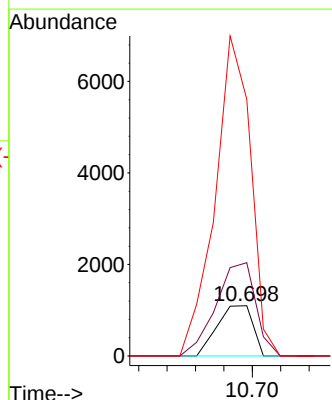
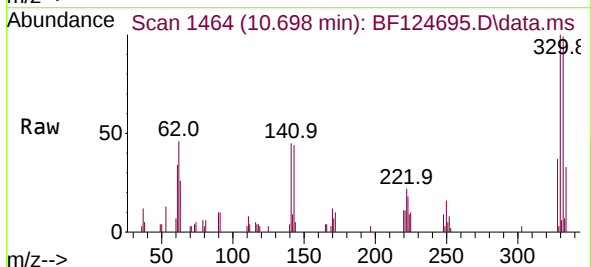
Instrument :
BNA_F
ClientSampleId :
TP-A

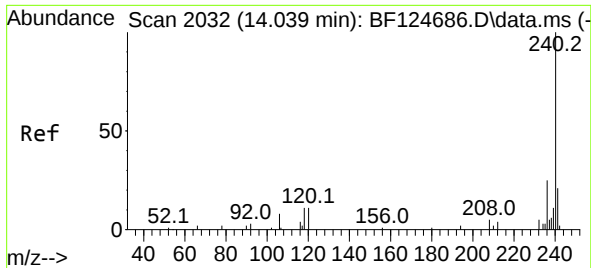
Tgt Ion:188 Resp: 24151
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 10.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.74 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

Tgt Ion:248 Resp: 957
Ion Ratio Lower Upper
248 100
250 185.6 74.2 111.4#
141 511.1 60.4 90.6#

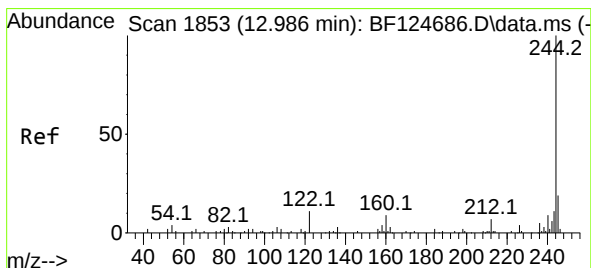
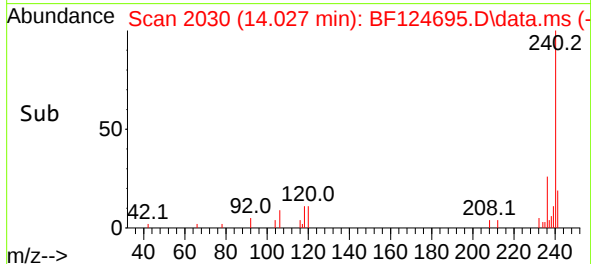
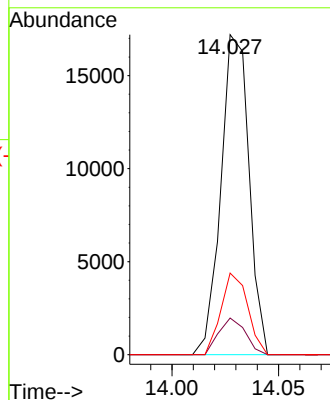
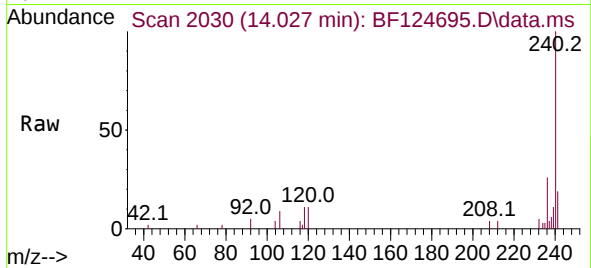




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

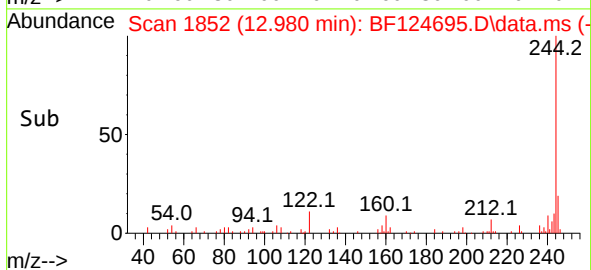
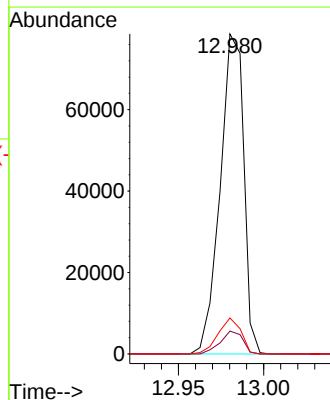
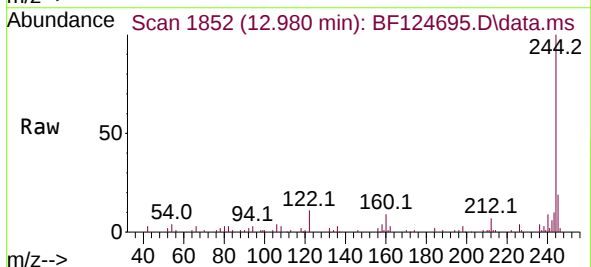
Instrument :
BNA_F
ClientSampled :
TP-A

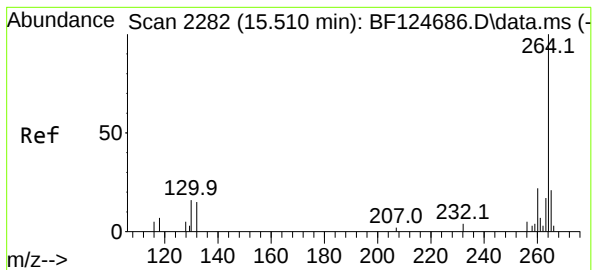
Tgt Ion:240 Resp: 15783
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 82.18 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124695.D
Acq: 22 Jul 2021 18:20

Tgt Ion:244 Resp: 75668
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.3 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: BF124695.D
Acq: 22 Jul 2021 18:20

Instrument :
BNA_F
ClientSampleId :
TP-A

Tgt Ion:264	Resp:	13739
Ion Ratio	Lower	Upper
264	100	
260	21.1	19.6 29.4
265	19.0	17.2 25.8

