

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124798.D
 Acq On : 27 Jul 2021 17:25
 Operator : JU/CG
 Sample : PB137931BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137931BL

Quant Time: Jul 27 18:34:51 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)

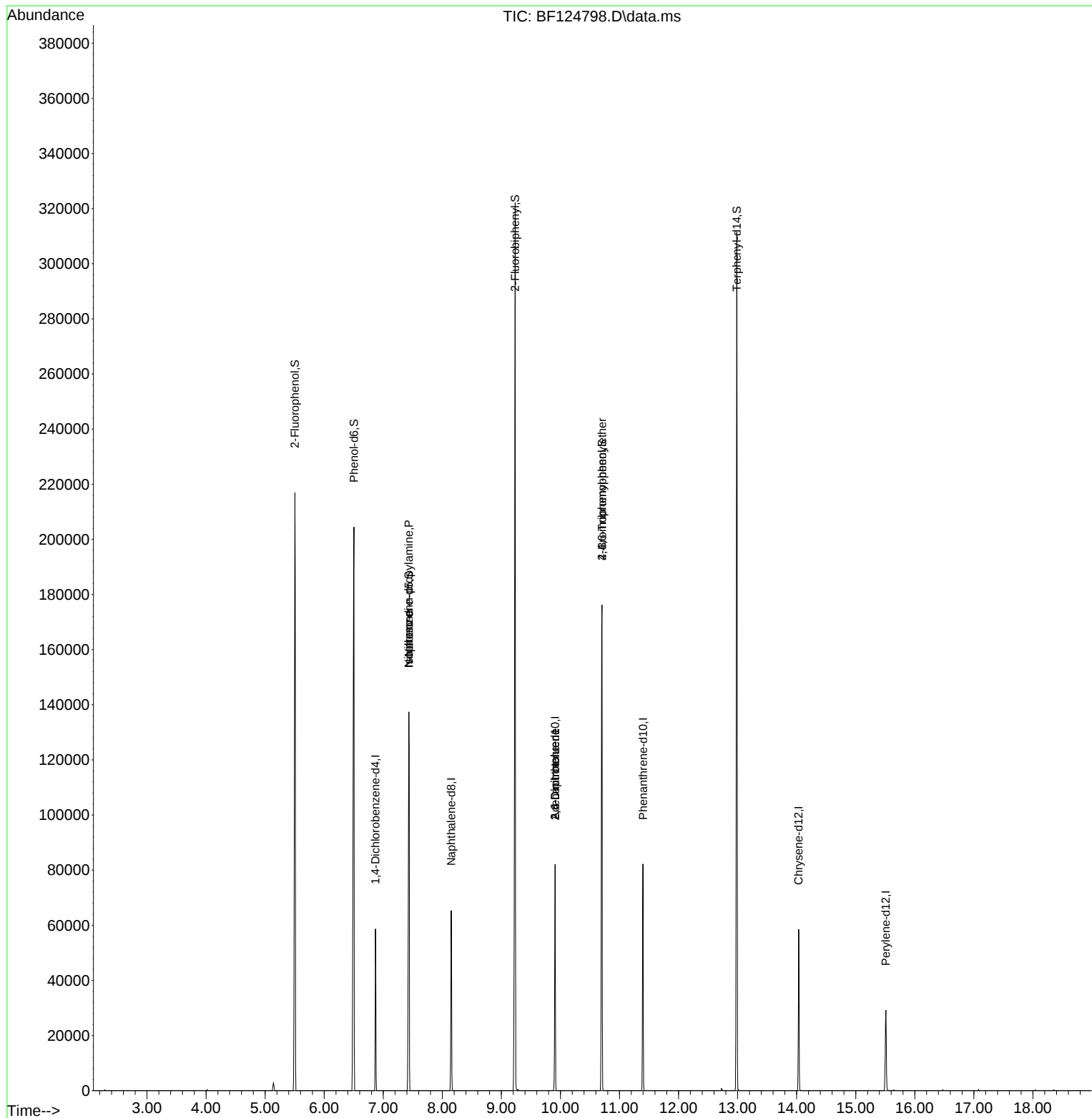
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	8364	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	31788	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	16962	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	30174	20.000	ng	0.00
76) Chrysene-d12	14.033	240	20738	20.000	ng	0.00
86) Perylene-d12	15.510	264	16359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	66337	134.289	ng	0.02
7) Phenol-d6	6.504	99	79126	127.769	ng	0.00
23) Nitrobenzene-d5	7.434	82	52070	97.492	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	19821	136.100	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	105026	90.943	ng	0.00
79) Terphenyl-d14	12.986	244	113825	94.085	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	6688	20.224	ng	# 67
25) Isophorone	7.434	82	52069	55.135	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	2261	8.763	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	2261	6.457	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	1523	4.759	ng	# 1

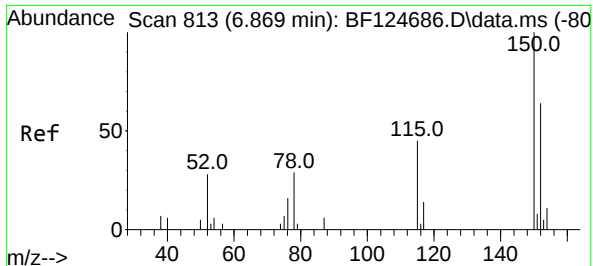
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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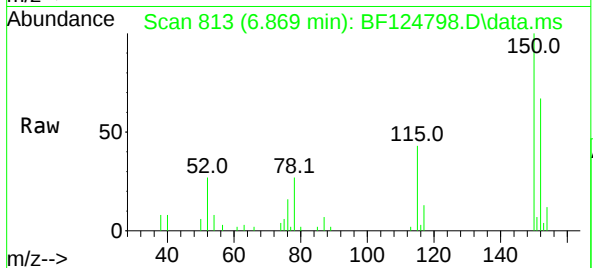
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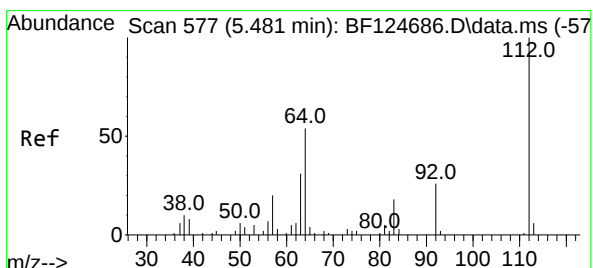
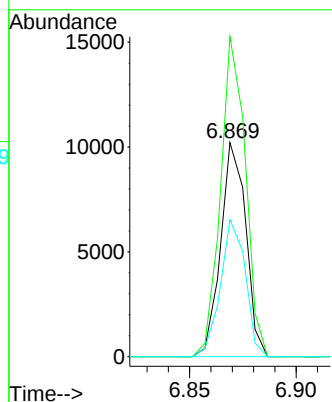
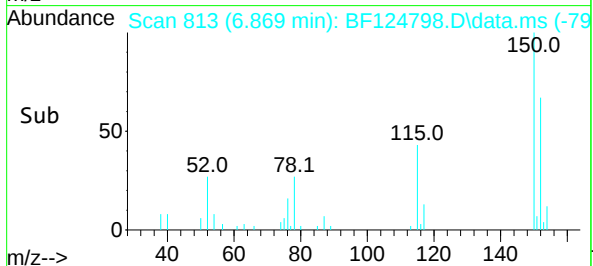


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

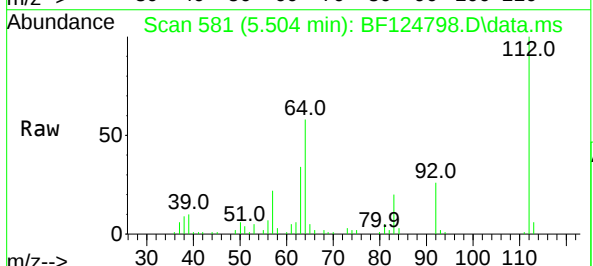
Instrument :
BNA_F
ClientSampleId :
PB137931BL



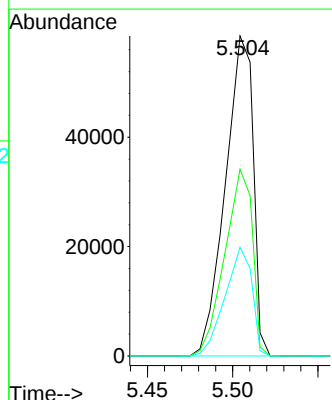
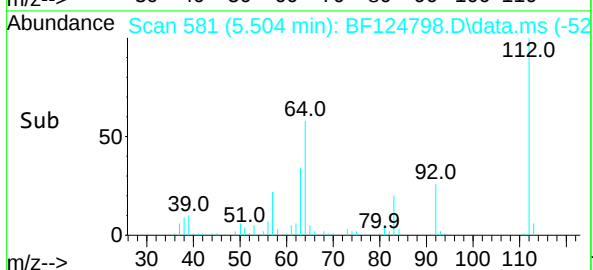
Tgt Ion:152 Resp: 8364
Ion Ratio Lower Upper
152 100
150 149.4 117.6 176.4
115 63.9 47.1 70.7

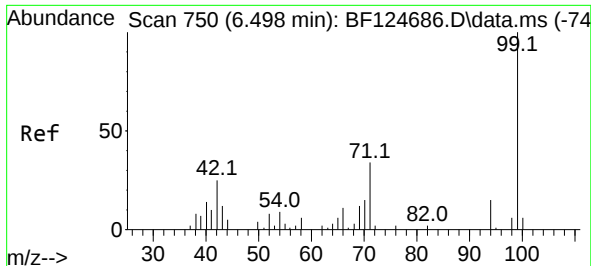


#5
2-Fluorophenol
Concen: 134.289 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25



Tgt Ion:112 Resp: 66337
Ion Ratio Lower Upper
112 100
64 58.4 44.2 66.2
63 33.9 26.2 39.2

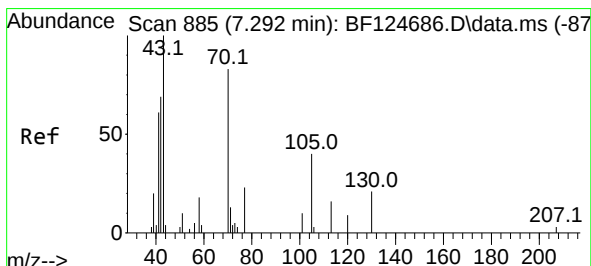
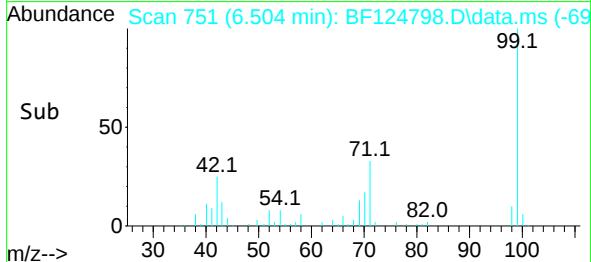
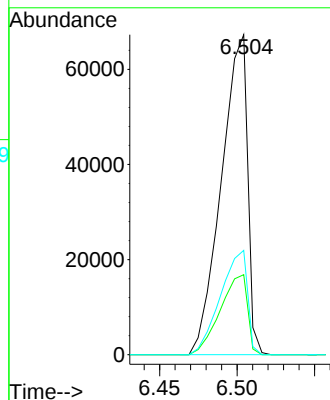
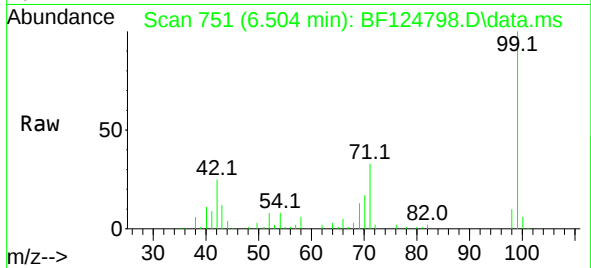




#7
Phenol-d6
Concen: 127.769 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

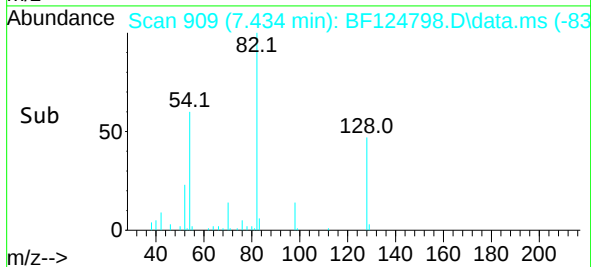
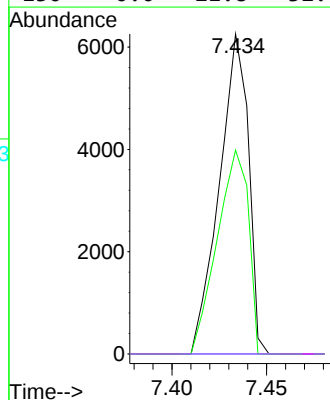
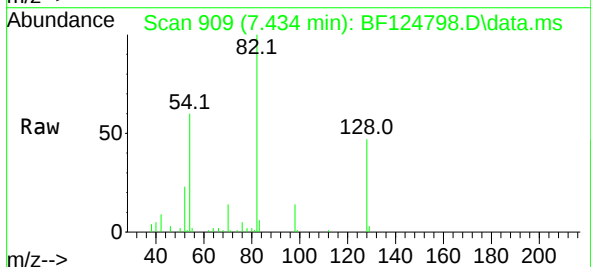
Instrument :
BNA_F
ClientSampleID :
PB137931BL

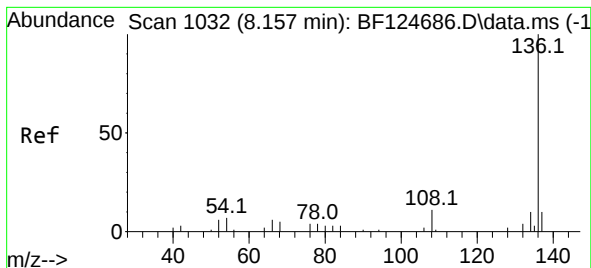
Tgt Ion:	99	Resp:	79126
Ion	Ratio	Lower	Upper
99	100		
42	25.0	23.5	35.3
71	32.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.224 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

Tgt Ion:	70	Resp:	6688
Ion	Ratio	Lower	Upper
70	100		
42	63.7	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

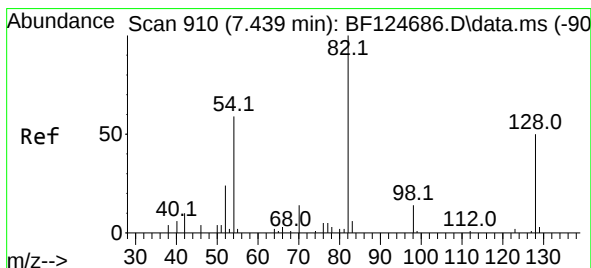
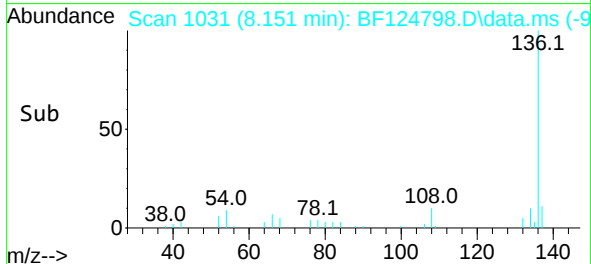
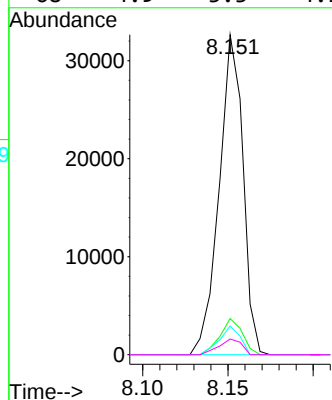
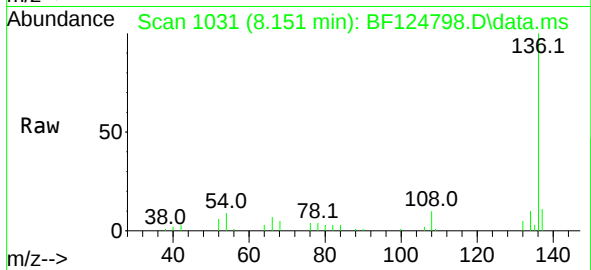




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

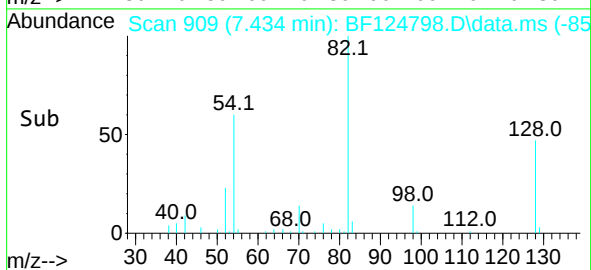
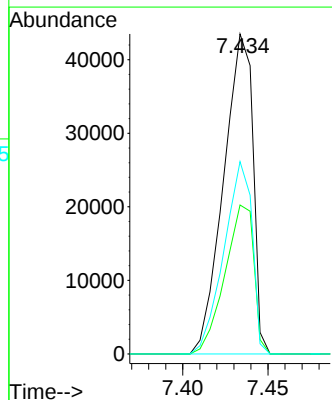
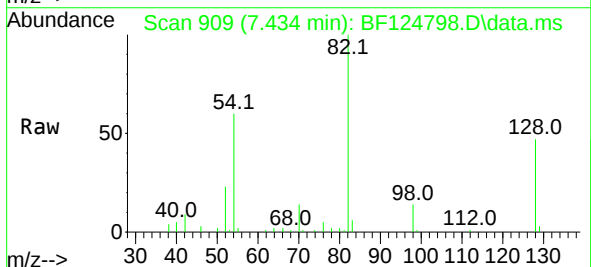
Instrument :
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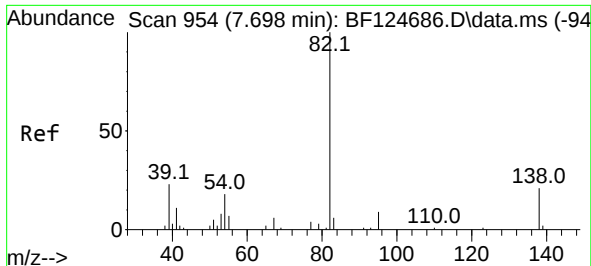
Tgt Ion:136 Resp: 31788
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 9.0 6.4 9.6
68 4.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 97.492 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

Tgt Ion: 82 Resp: 52070
Ion Ratio Lower Upper
82 100
128 46.6 40.6 60.8
54 60.1 49.6 74.4

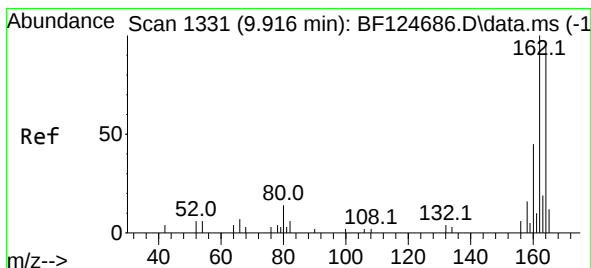
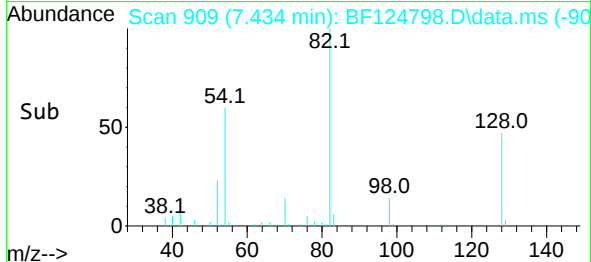
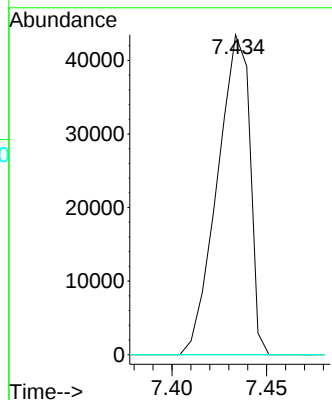
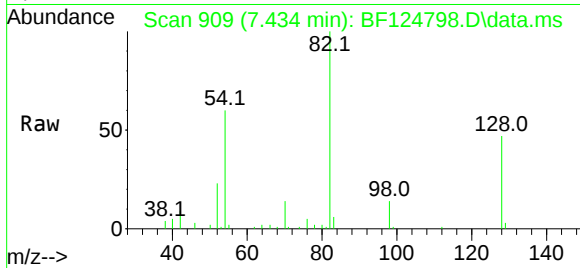




#25
Isophorone
Concen: 55.135 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

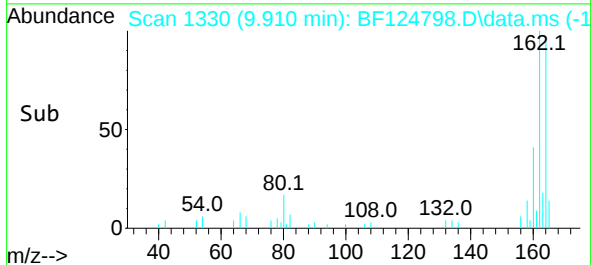
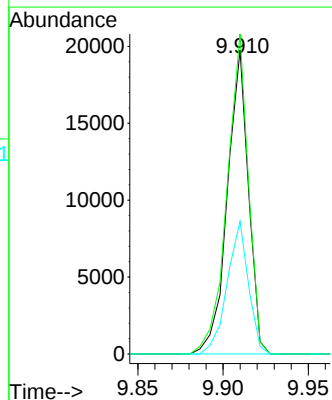
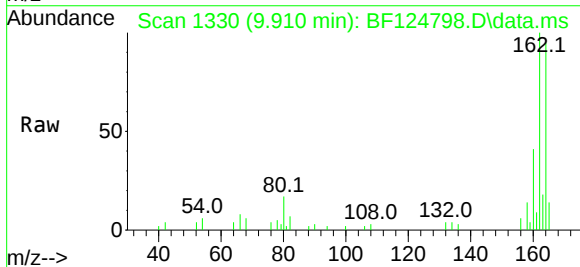
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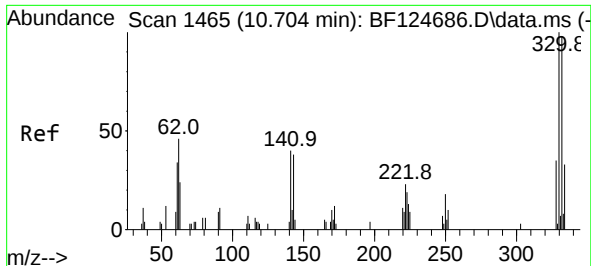
Tgt Ion: 82 Resp: 52069
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

Tgt Ion: 164 Resp: 16962
Ion Ratio Lower Upper
164 100
162 105.3 81.3 121.9
160 43.6 38.0 57.0

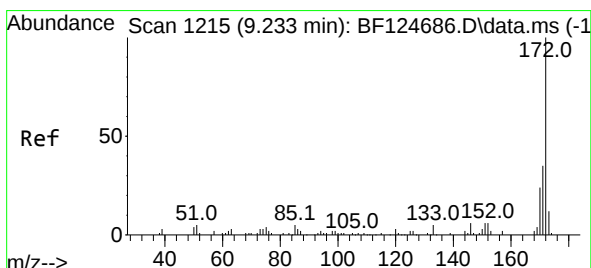
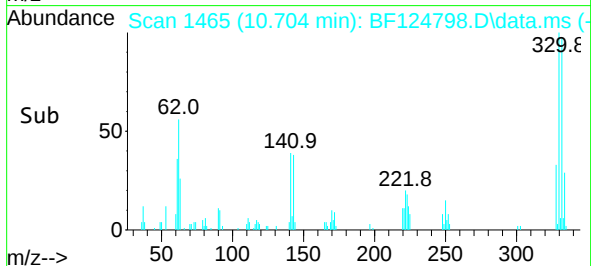
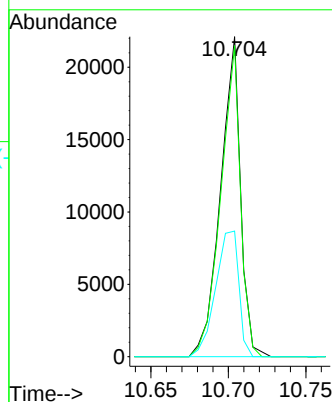
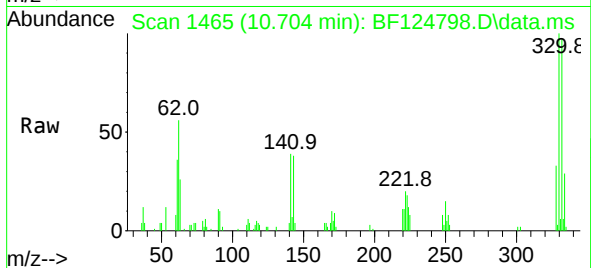




#42
2,4,6-Tribromophenol
Concen: 136.100 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

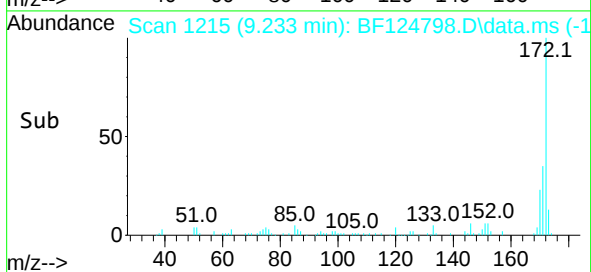
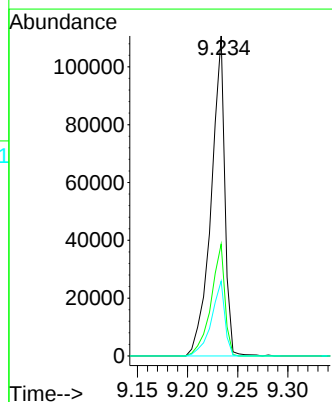
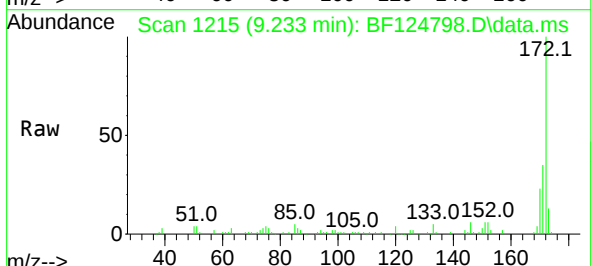
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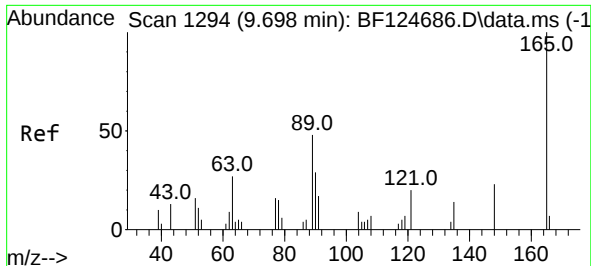
Tgt Ion:330 Resp: 19821
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 45.6 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 90.943 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

Tgt Ion:172 Resp: 105026
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.4 18.8 28.2

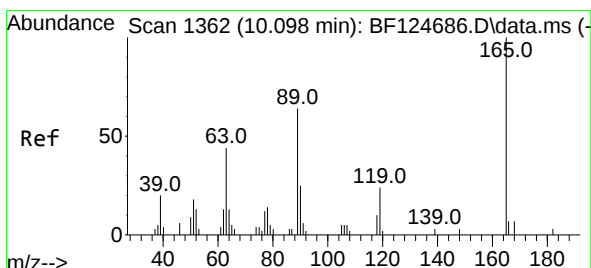
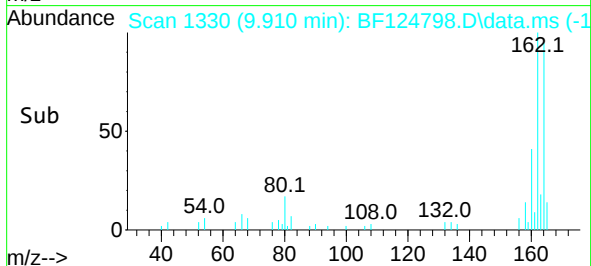
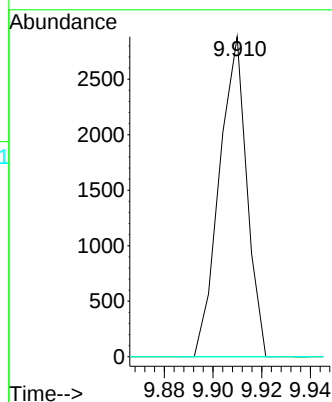
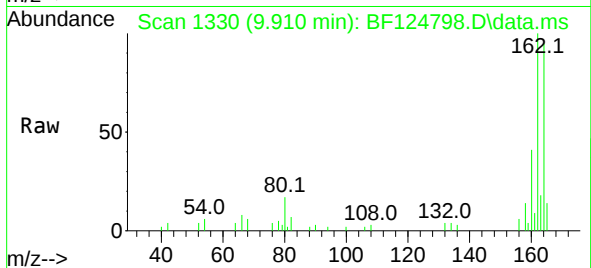




#51
2,6-Dinitrotoluene
Concen: 8.763 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

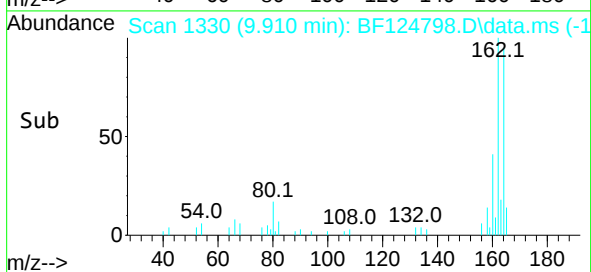
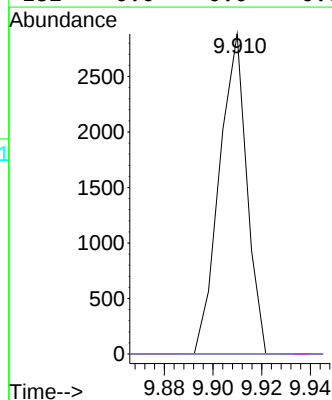
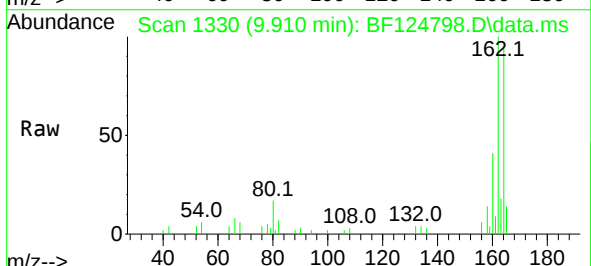
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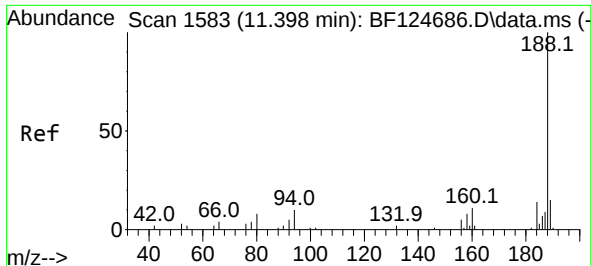
Tgt Ion:165 Resp: 2261
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.457 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

Tgt Ion:165 Resp: 2261
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

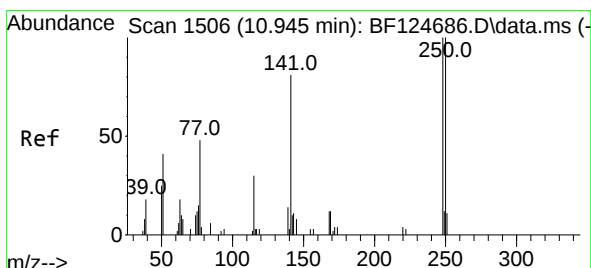
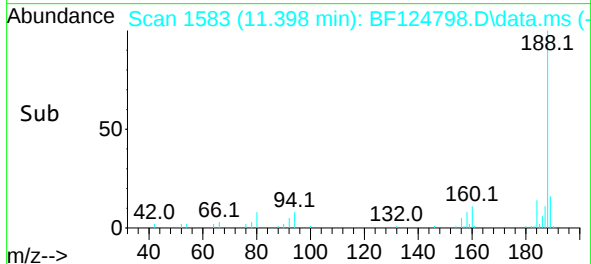
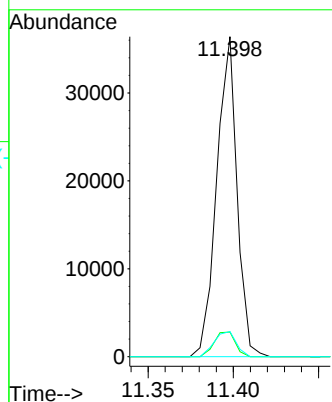
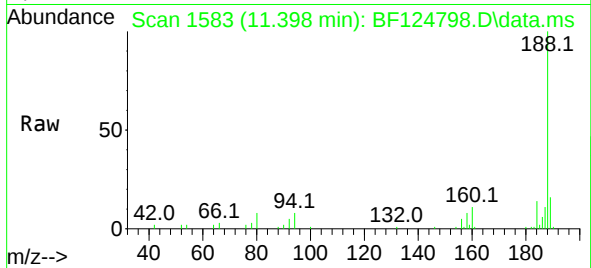




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

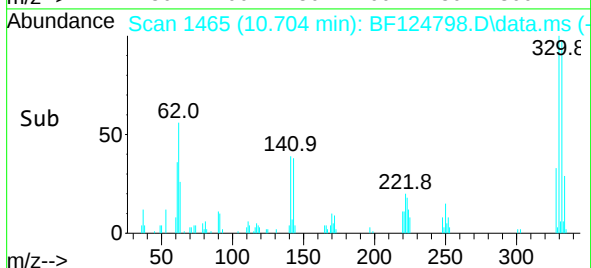
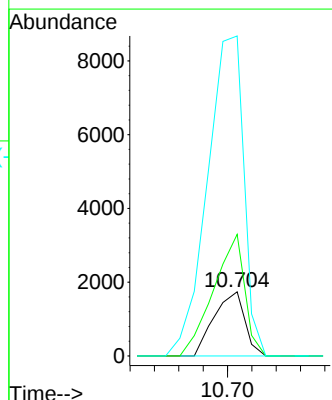
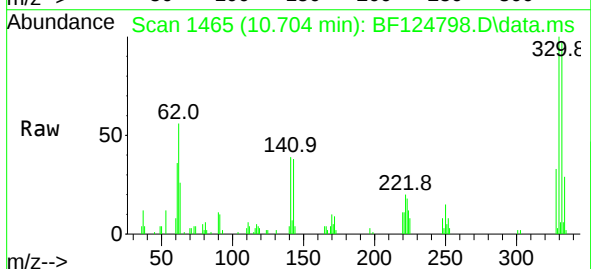
Instrument :
BNA_F
ClientSampleId :
PB137931BL

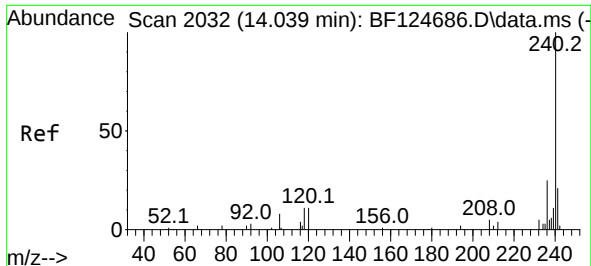
Tgt Ion:188 Resp: 30174
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 7.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.759 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

Tgt Ion:248 Resp: 1523
Ion Ratio Lower Upper
248 100
250 189.4 74.2 111.4#
141 498.0 60.4 90.6#

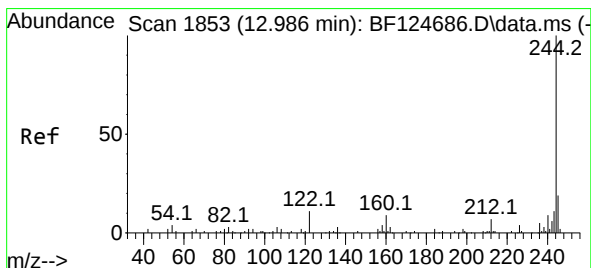
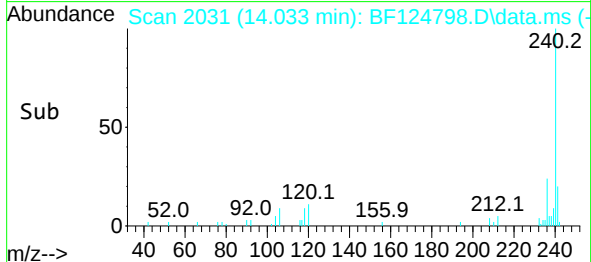
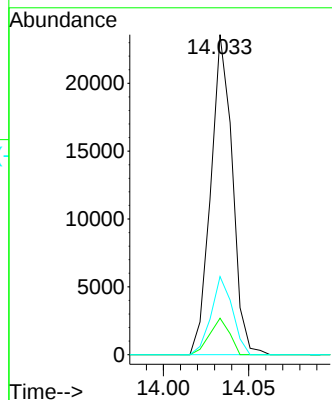
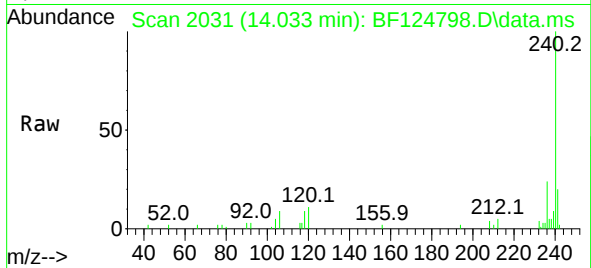




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

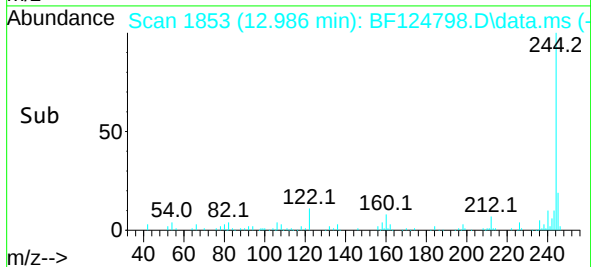
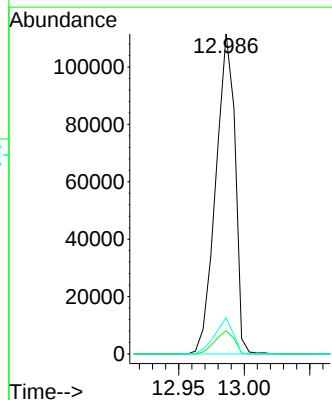
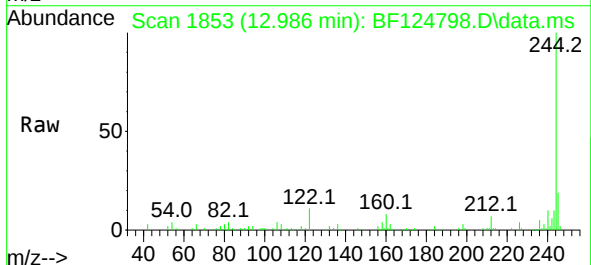
Instrument :
BNA_F
ClientSampleId :
PB137931BL

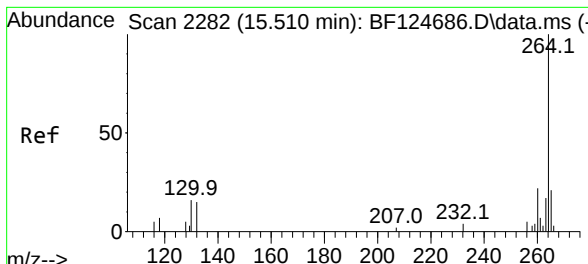
Tgt Ion:240	Resp:	20738
Ion Ratio	Lower	Upper
240	100	
120	11.4	10.8 16.2
236	24.4	21.6 32.4



#79
Terphenyl-d14
Concen: 94.085 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124798.D
Acq: 27 Jul 2021 17:25

Tgt Ion:244	Resp:	113825
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.9 8.9
122	11.3	9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. 0.000 min
 Lab File: BF124798.D
 Acq: 27 Jul 2021 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB137931BL

Tgt Ion:	264	Resp:	16359
Ion Ratio	Lower	Upper	
264	100		
260	27.3	19.6	29.4
265	22.4	17.2	25.8

