

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124662.D
 Acq On : 21 Jul 2021 14:36
 Operator : JU/CG
 Sample : PB137822BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137822BL

Quant Time: Jul 21 16:10:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:08:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

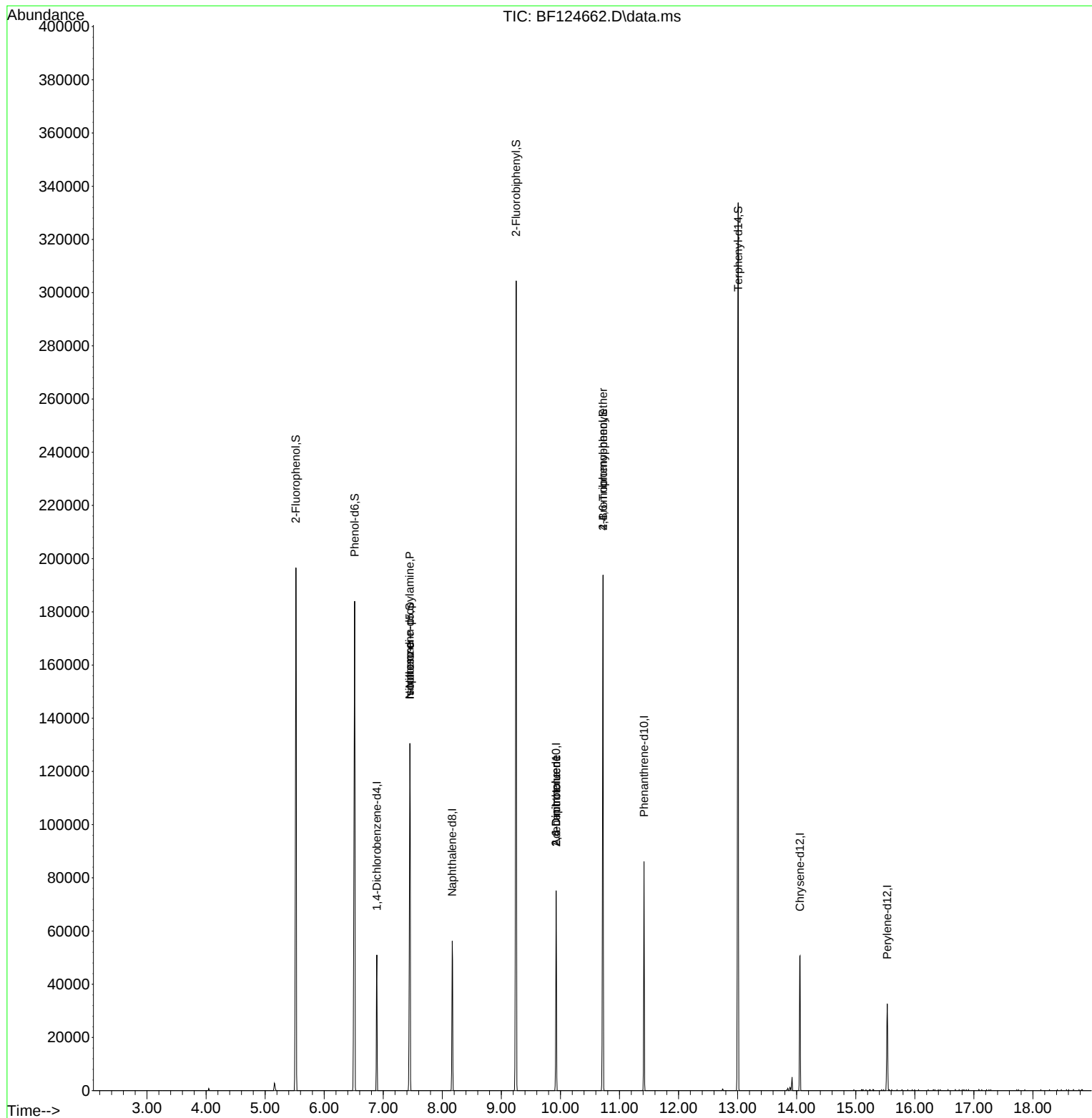
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	7496	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	28544	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	15979	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	29030	20.000	ng	0.00
76) Chrysene-d12	14.057	240	20444	20.000	ng	0.00
86) Perylene-d12	15.533	264	16100	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	62732	144.994	ng	0.01
7) Phenol-d6	6.516	99	71655	136.143	ng	0.00
23) Nitrobenzene-d5	7.451	82	44746	98.959	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	18608	149.647	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	101418	92.554	ng	0.00
79) Terphenyl-d14	13.010	244	113301	93.062	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	5778	19.526	ng	# 72
25) Isophorone	7.451	82	44745	53.905	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	1896	8.651	ng	# 26
57) 2,4-Dinitrotoluene	9.927	165	1896	6.319	ng	# 18
67) 4-Bromophenyl-phenylether	10.721	248	1520	5.064	ng	# 1

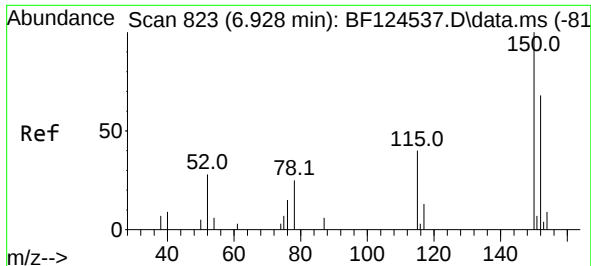
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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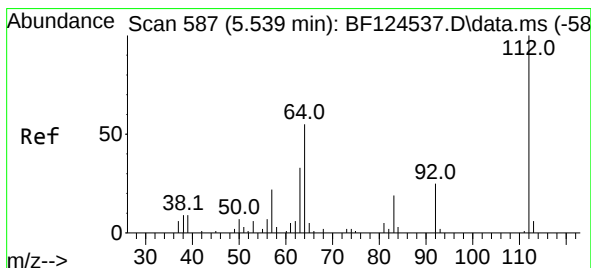
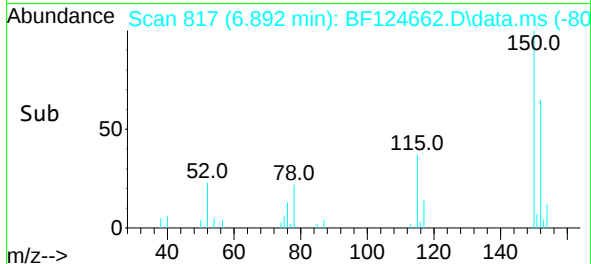
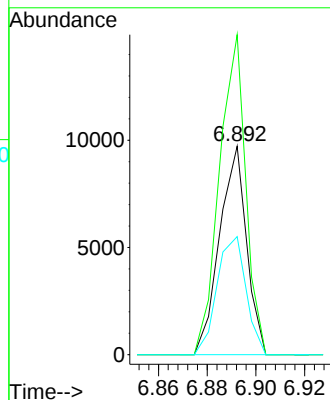
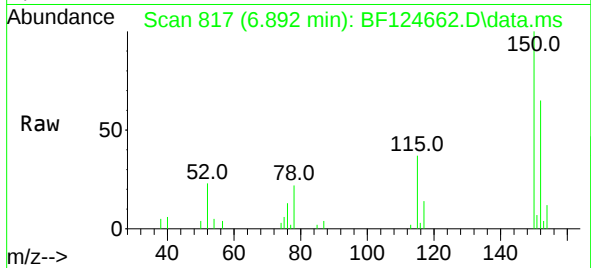




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

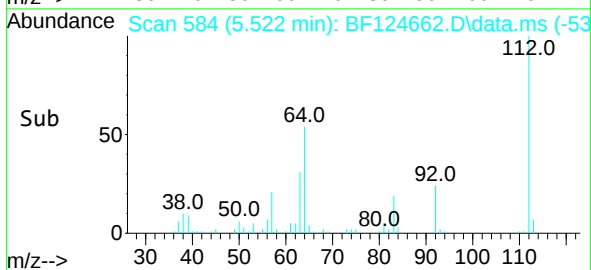
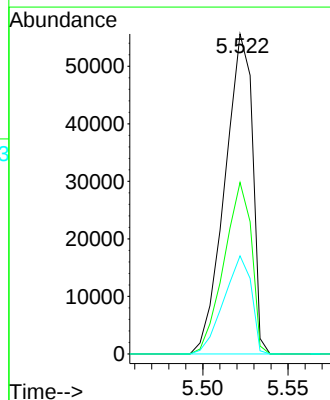
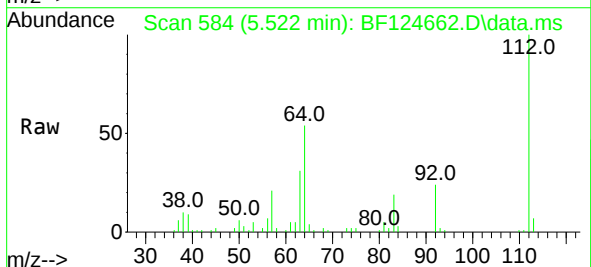
Instrument :
BNA_F
ClientSampleId :
PB137822BL

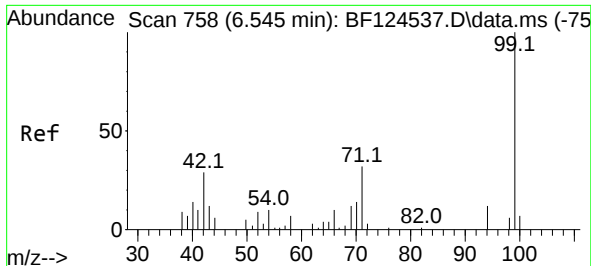
Tgt Ion:152 Resp: 7496
Ion Ratio Lower Upper
152 100
150 153.5 117.6 176.4
115 56.6 47.1 70.7



#5
2-Fluorophenol
Concen: 144.994 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

Tgt Ion:112 Resp: 62732
Ion Ratio Lower Upper
112 100
64 53.6 44.2 66.2
63 30.6 26.2 39.2

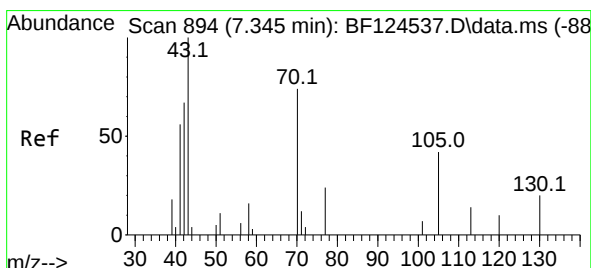
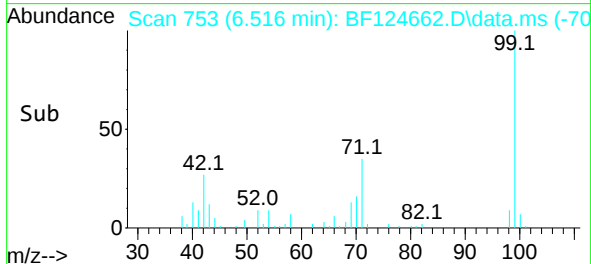
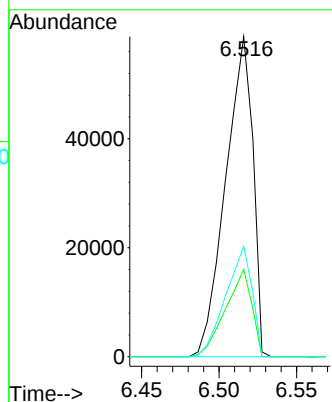
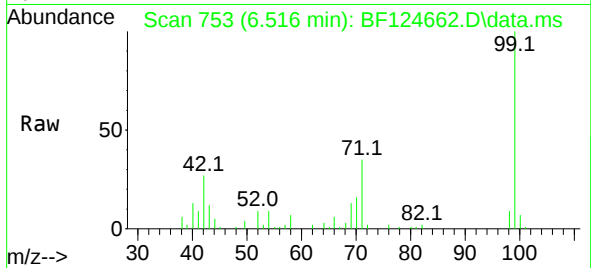




#7
Phenol-d6
Concen: 136.143 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

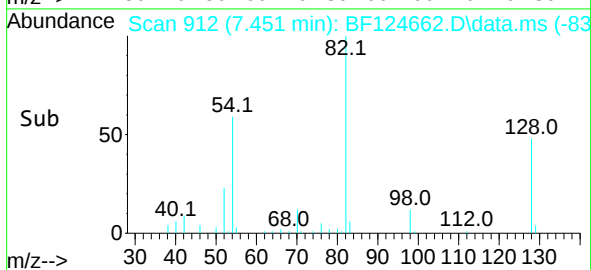
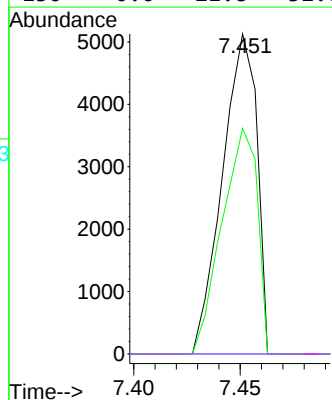
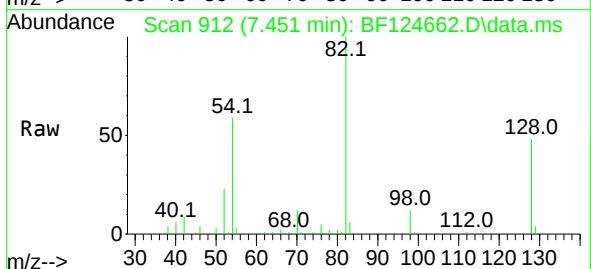
Instrument :
BNA_F
ClientSampleId :
PB137822BL

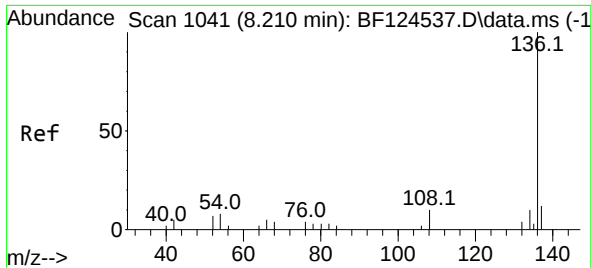
Tgt Ion:	99	Resp:	71655
Ion	Ratio	Lower	Upper
99	100		
42	27.3	23.5	35.3
71	34.5	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.526 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

Tgt Ion:	70	Resp:	5778
Ion	Ratio	Lower	Upper
70	100		
42	70.5	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

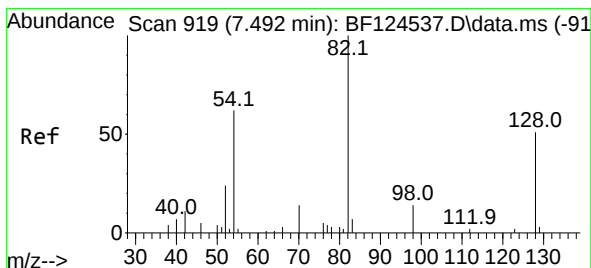
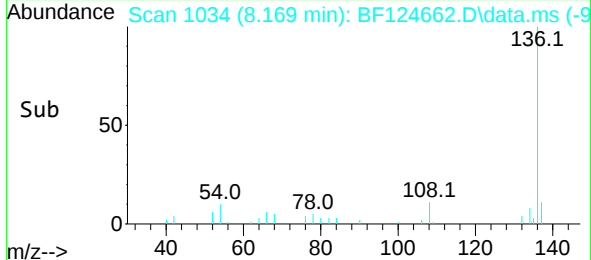
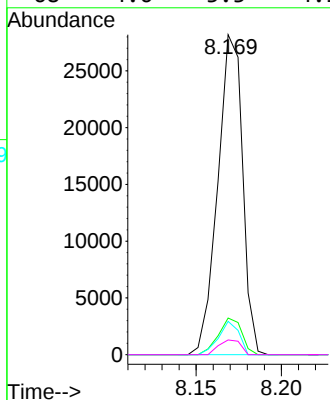
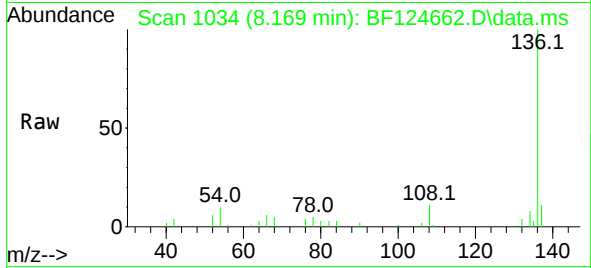




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

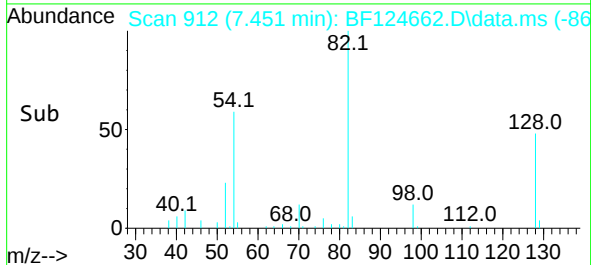
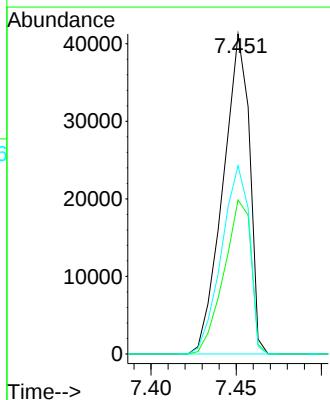
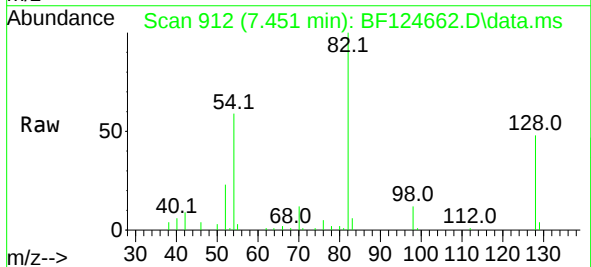
Instrument :
BNA_F
ClientSampleId :
PB137822BL

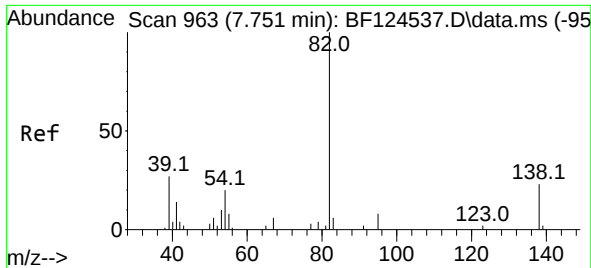
Tgt Ion:136	Resp:	28544
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.8 14.6
54	10.4	6.4 9.6#
68	4.6	3.3 4.9



#23
Nitrobenzene-d5
Concen: 98.959 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

Tgt Ion: 82	Resp:	44746
Ion Ratio	Lower	Upper
82	100	
128	48.1	40.6 60.8
54	58.8	49.6 74.4

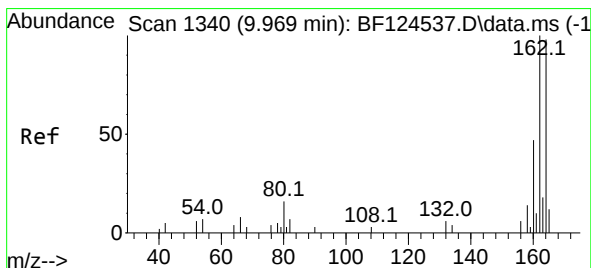
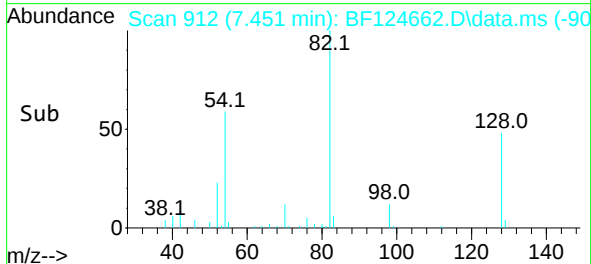
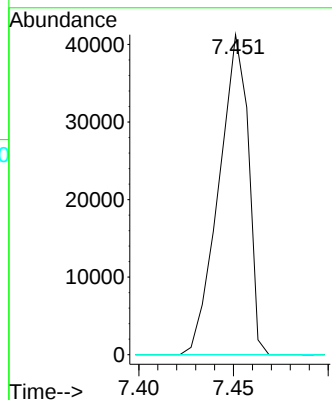
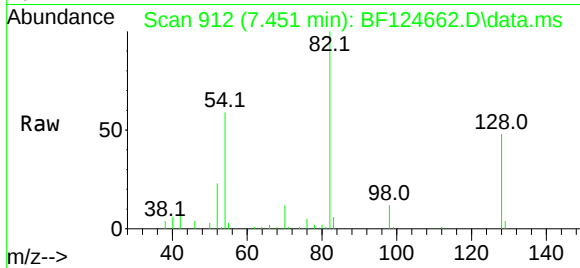




#25
Isophorone
Concen: 53.905 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

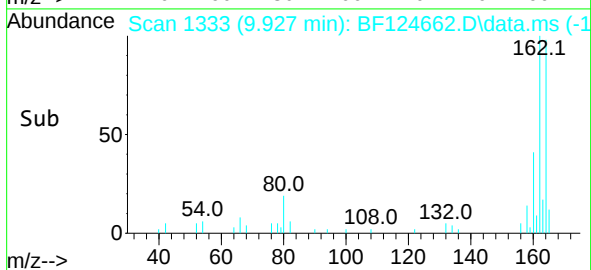
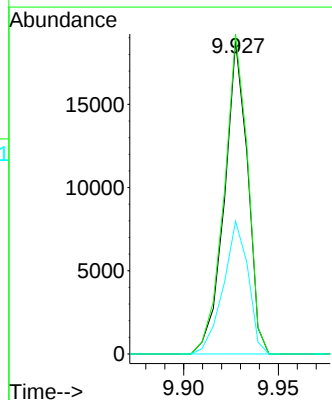
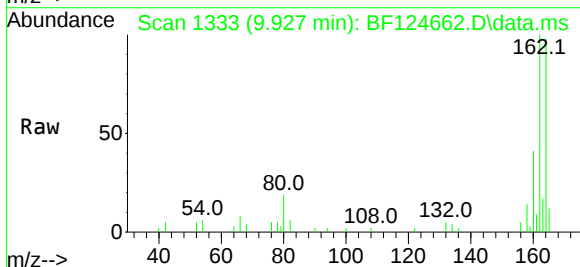
Instrument :
BNA_F
ClientSampleId :
PB137822BL

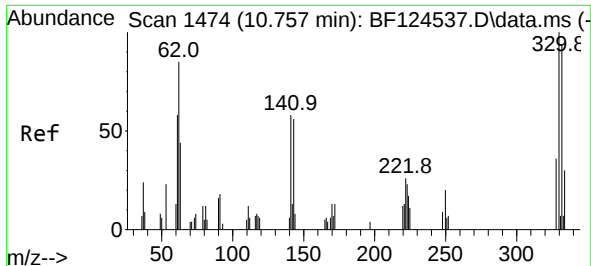
Tgt Ion: 82 Resp: 44745
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

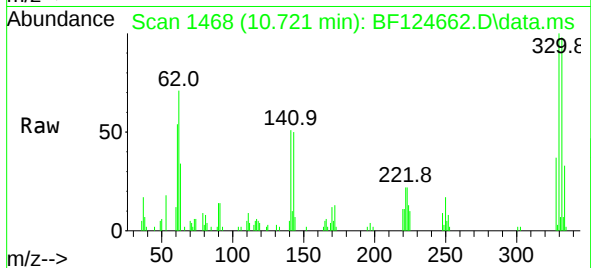
Tgt Ion: 164 Resp: 15979
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 42.4 38.0 57.0



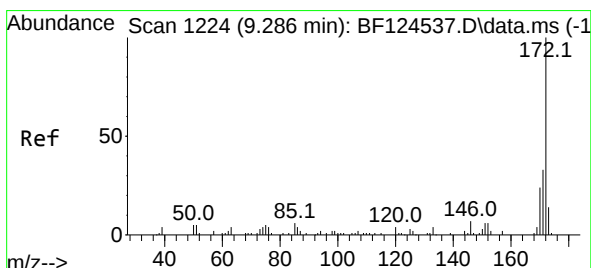
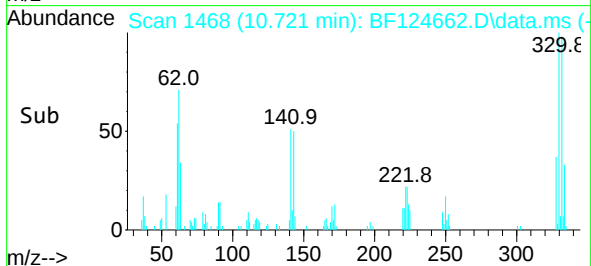
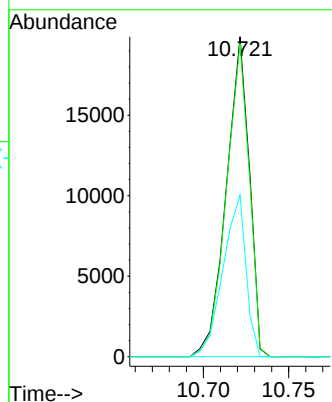


#42
2,4,6-Tribromophenol
Concen: 149.647 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

Instrument :
BNA_F
ClientSampleId :
PB137822BL

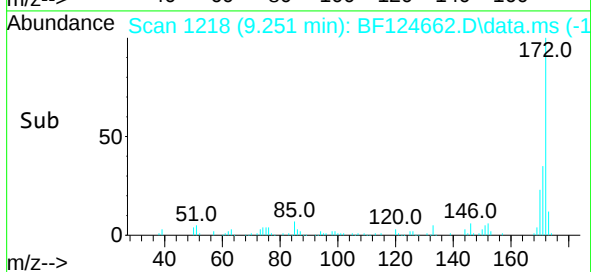
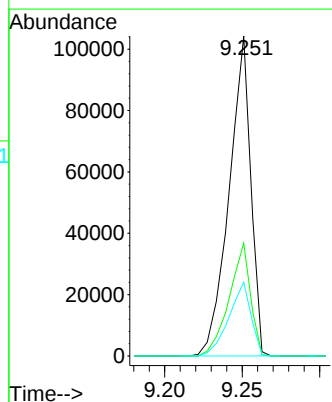
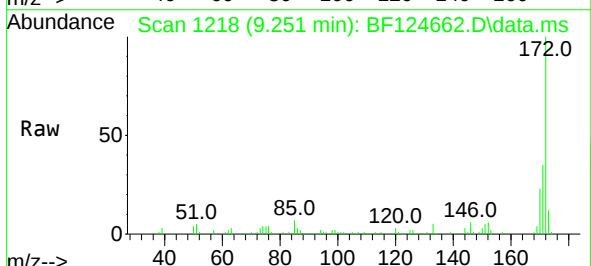


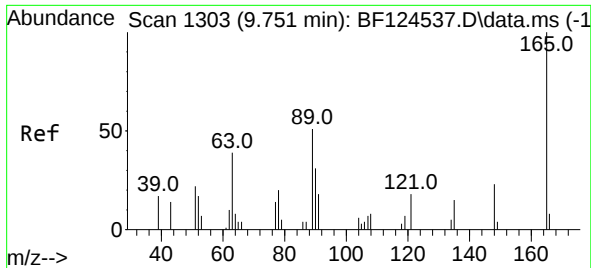
Tgt Ion: 330 Resp: 18608
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 50.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 92.554 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

Tgt Ion: 172 Resp: 101418
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.0 18.8 28.2

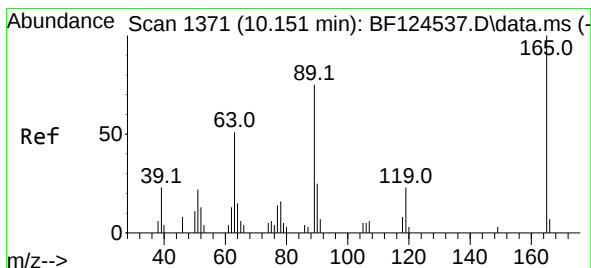
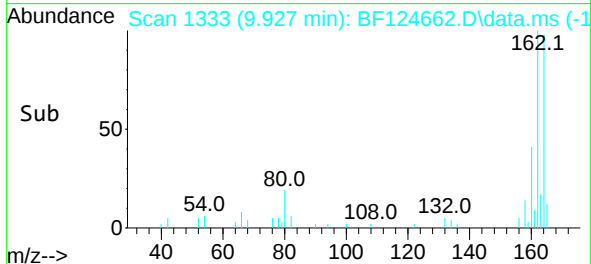
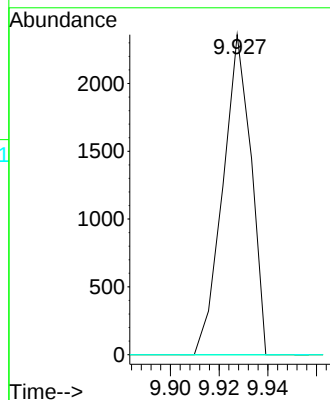
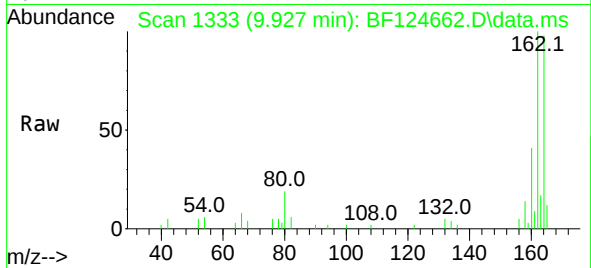




#51
2,6-Dinitrotoluene
Concen: 8.651 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

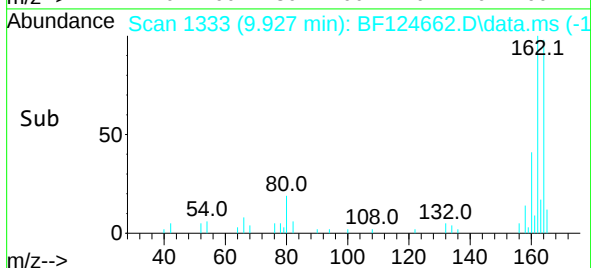
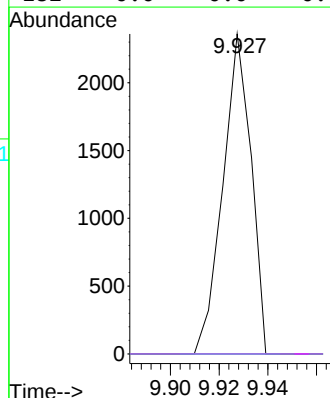
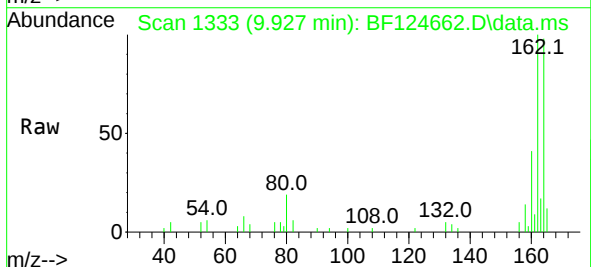
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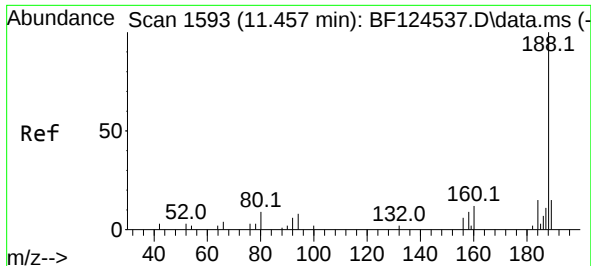
Tgt Ion:165 Resp: 1896
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.319 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

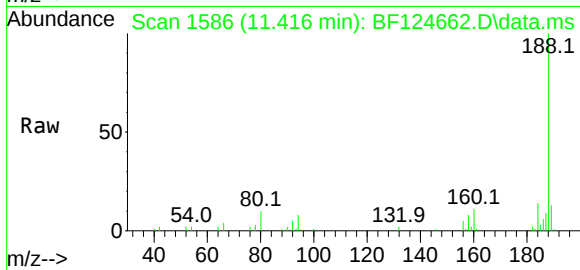
Tgt Ion:165 Resp: 1896
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



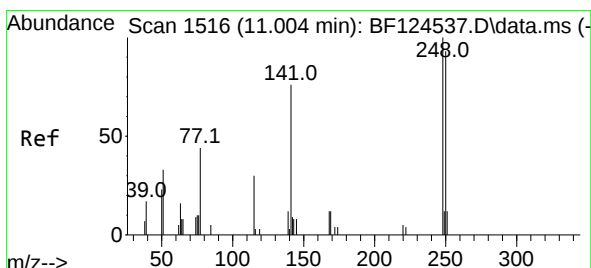
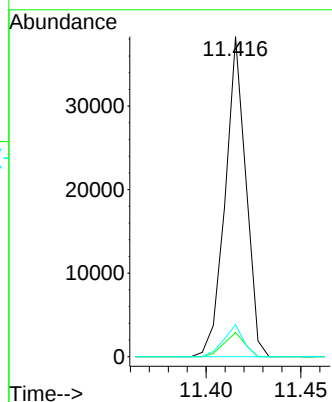
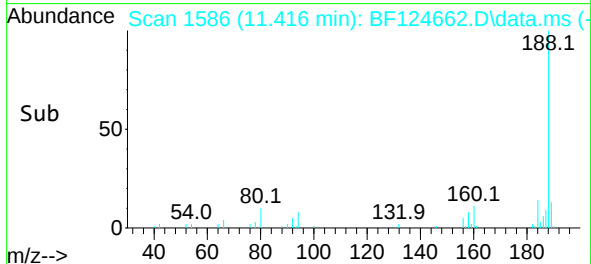


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

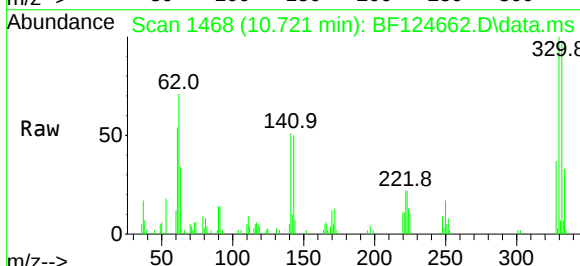
Instrument :
BNA_F
ClientSampleId :
PB137822BL



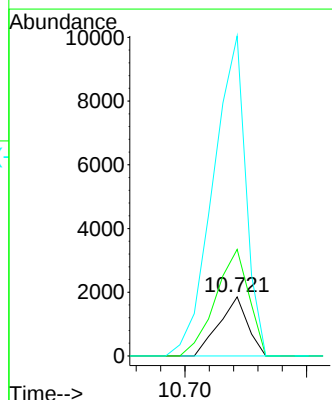
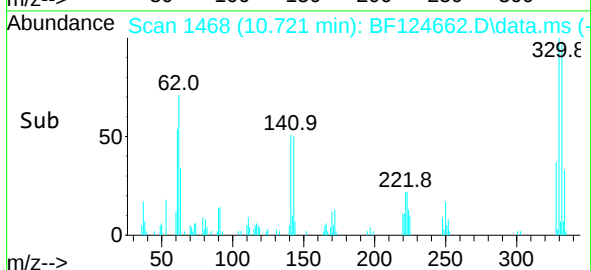
Tgt Ion:188 Resp: 29030
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 10.0 7.5 11.3

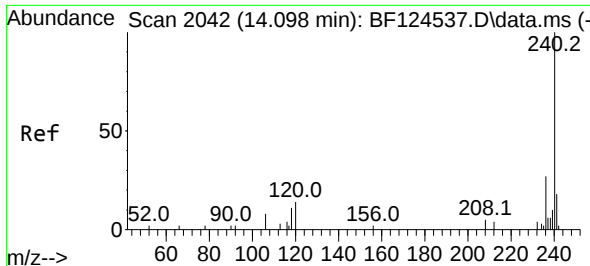


#67
4-Bromophenyl-phenylether
Concen: 5.064 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36



Tgt Ion:248 Resp: 1520
Ion Ratio Lower Upper
248 100
250 180.4 74.2 111.4#
141 541.5 60.4 90.6#

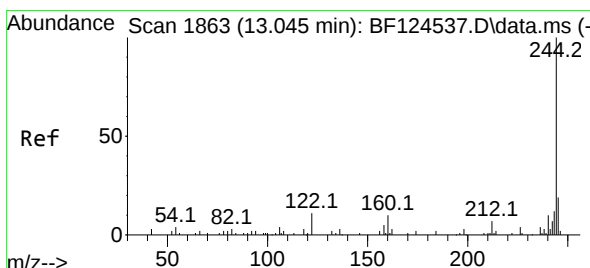
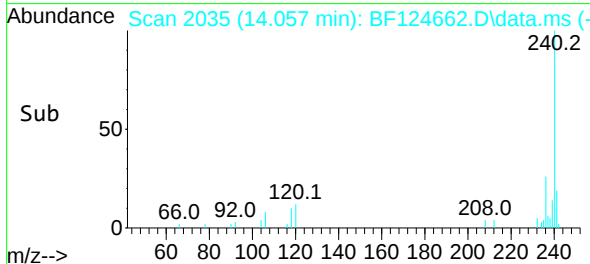
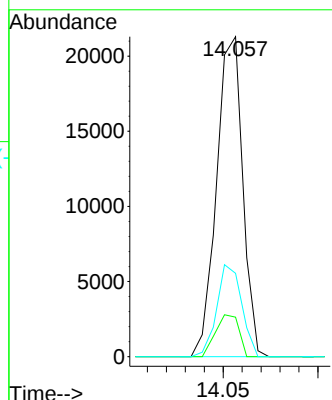
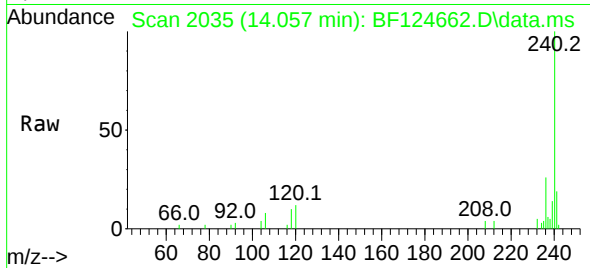




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

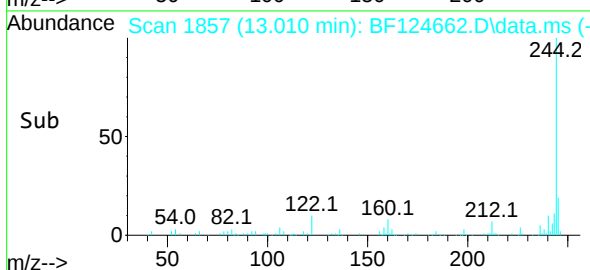
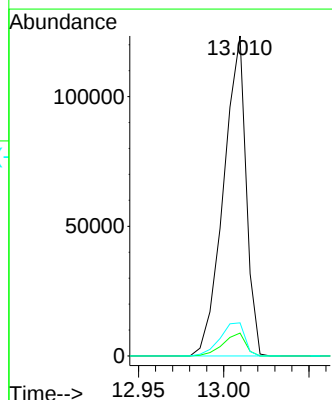
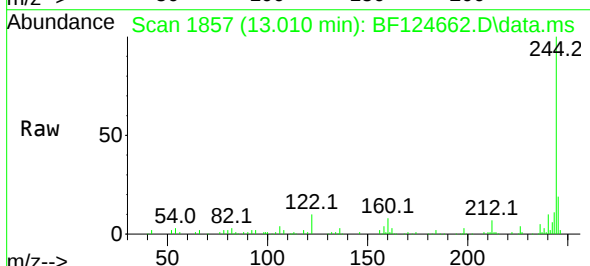
Instrument :
BNA_F
ClientSampleId :
PB137822BL

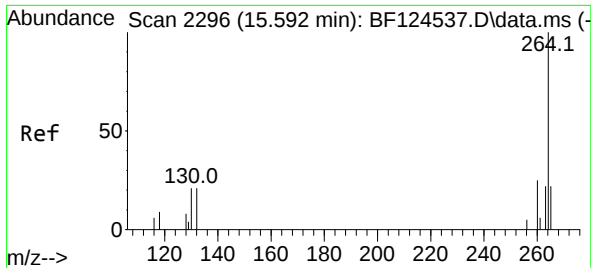
Tgt Ion:240 Resp: 20444
Ion Ratio Lower Upper
240 100
120 12.3 10.8 16.2
236 26.0 21.6 32.4



#79
Terphenyl-d14
Concen: 93.062 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF124662.D
Acq: 21 Jul 2021 14:36

Tgt Ion:244 Resp: 113301
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: BF124662.D
 Acq: 21 Jul 2021 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB137822BL

Tgt Ion:264 Resp: 16100
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.6 29.4
 265 20.8 17.2 25.8

