

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124670.D
 Acq On : 21 Jul 2021 19:44
 Operator : JU/CG
 Sample : M3093-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210528-COM-1

Quant Time: Jul 22 01:29:44 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)

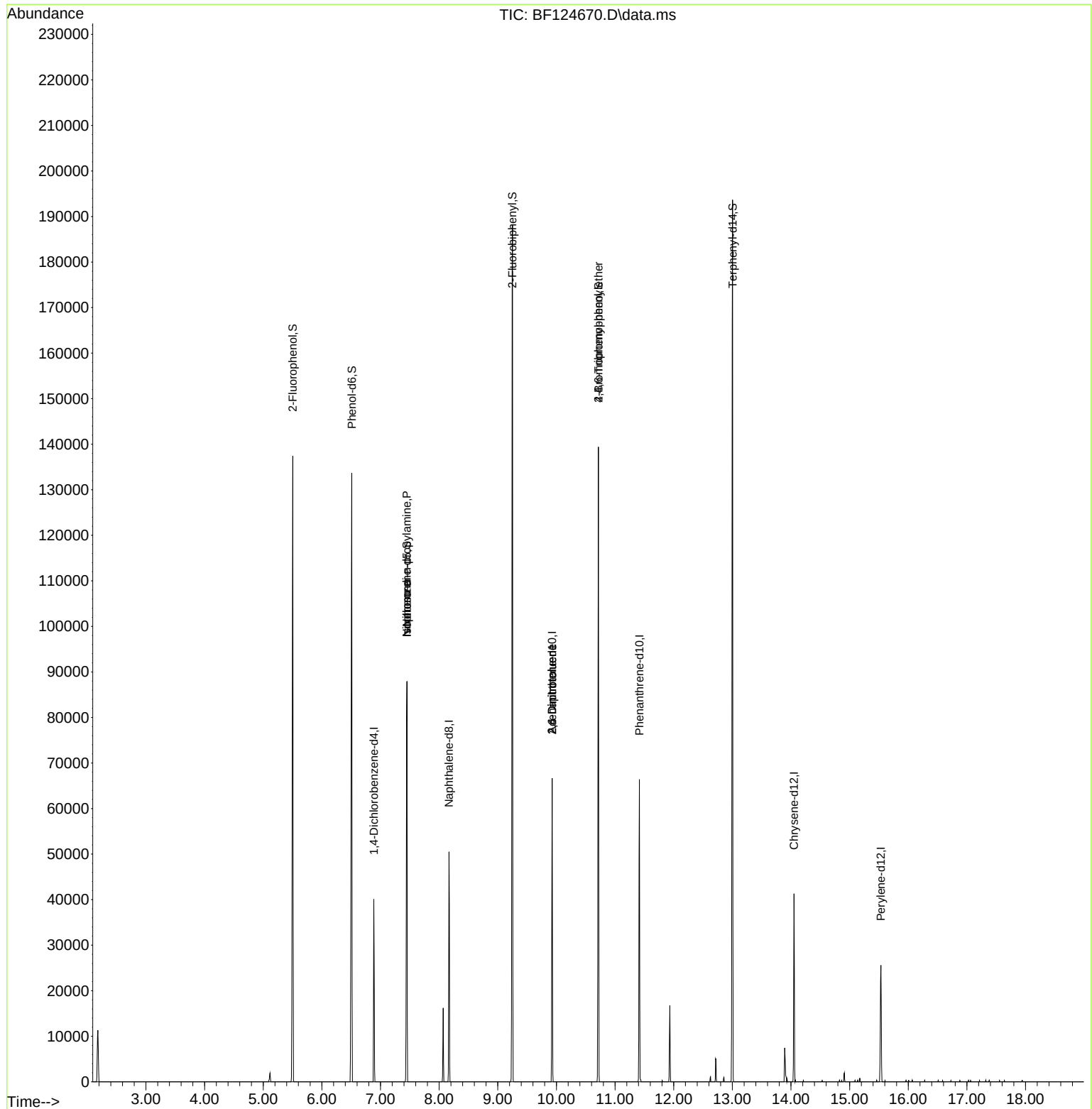
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	5572	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	22456	20.00	ng	# 0.00
39) Acenaphthene-d10	9.927	164	12808	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	24308	20.00	ng	0.00
76) Chrysene-d12	14.051	240	14829	20.00	ng	-0.01
86) Perylene-d12	15.533	264	12684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	37237	115.79	ng	0.00
7) Phenol-d6	6.510	99	43228	110.49	ng	-0.01
23) Nitrobenzene-d5	7.451	82	26376	74.15	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	11662	117.01	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	61148	69.62	ng	0.00
79) Terphenyl-d14	13.004	244	65324	73.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	3439	15.63	ng	# 77
25) Isophorone	7.451	82	26375	40.39	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	1632	9.29	ng	# 26
57) 2,4-Dinitrotoluene	9.927	165	1632	6.79	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	1031	4.10	ng	# 1

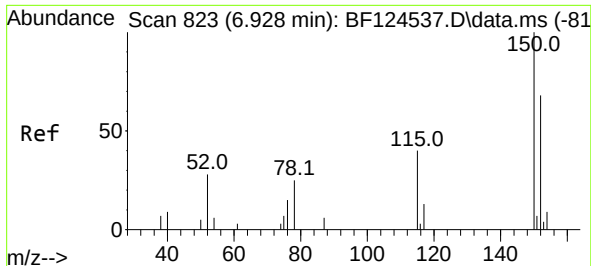
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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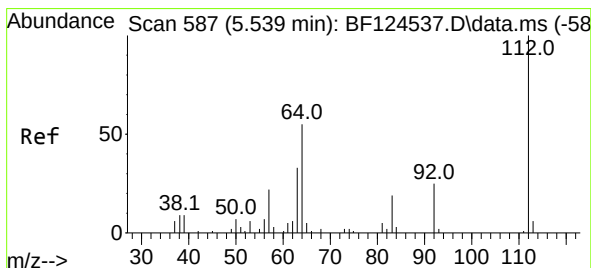
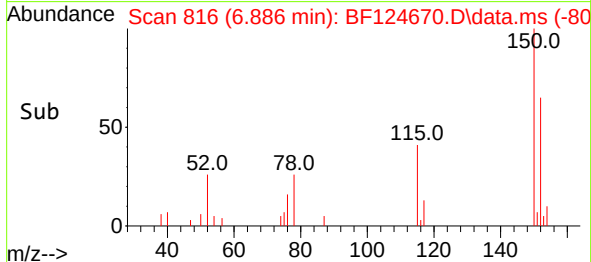
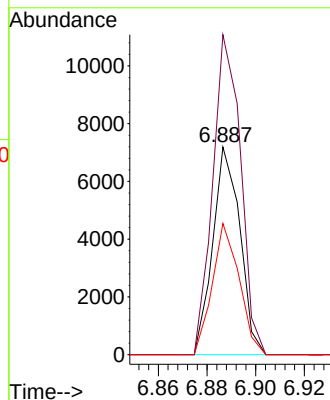
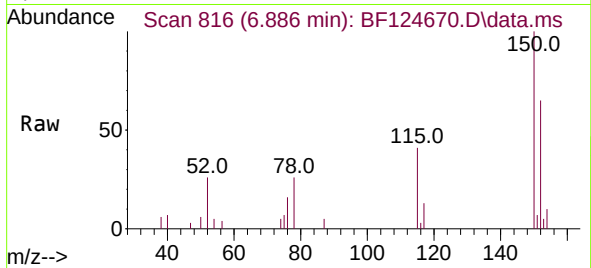




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

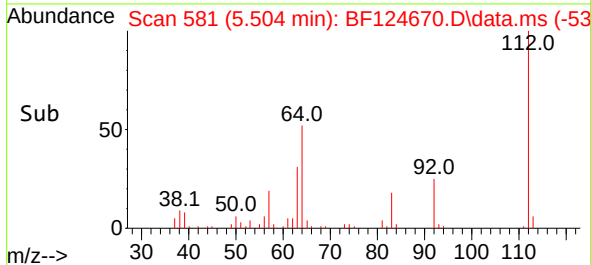
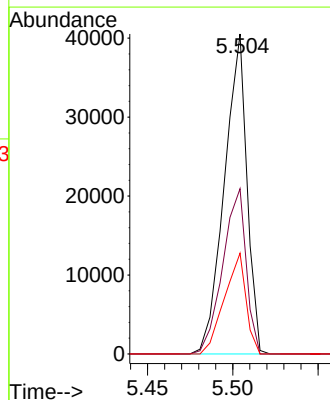
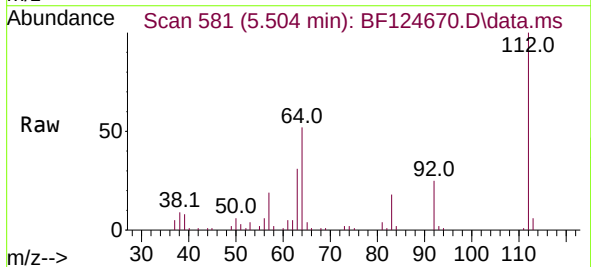
Instrument :
BNA_F
ClientSampleId :
20210528-COM-1

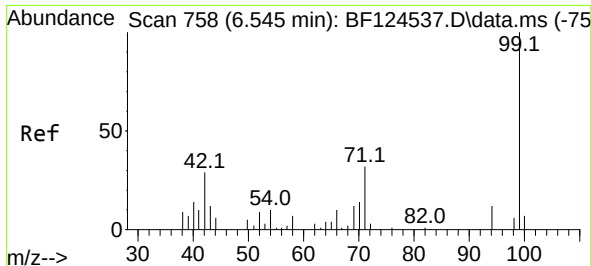
Tgt Ion:152 Resp: 5572
Ion Ratio Lower Upper
152 100
150 154.0 117.6 176.4
115 63.2 47.1 70.7



#5
2-Fluorophenol
Concen: 115.79 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

Tgt Ion:112 Resp: 37237
Ion Ratio Lower Upper
112 100
64 51.6 44.2 66.2
63 31.5 26.2 39.2

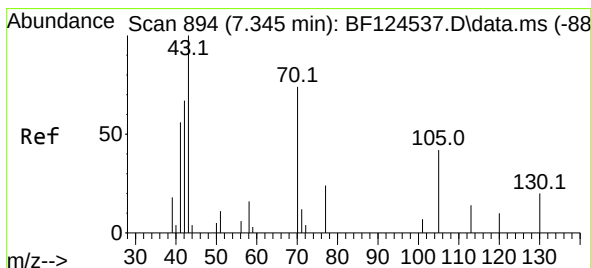
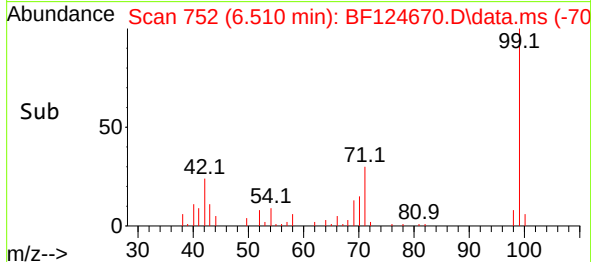
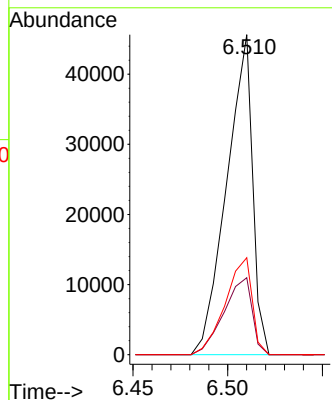
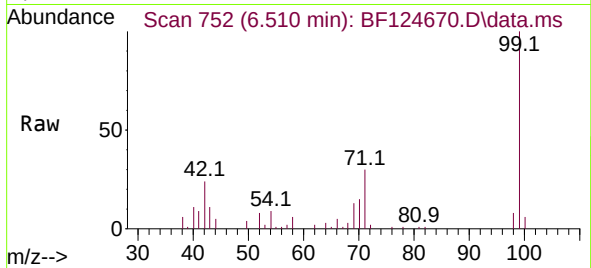




#7
Phenol-d6
Concen: 110.49 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

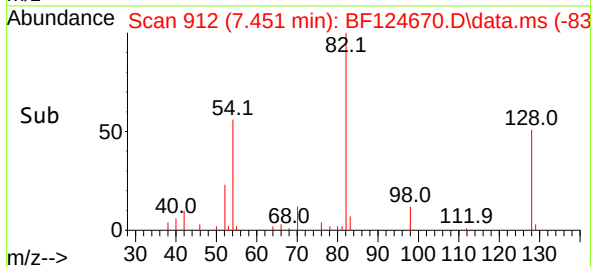
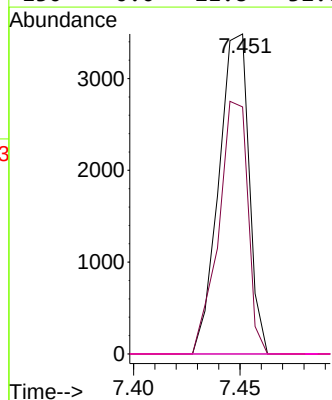
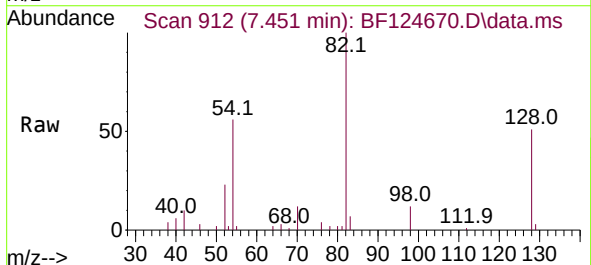
Instrument :
BNA_F
ClientSampleId :
20210528-COM-1

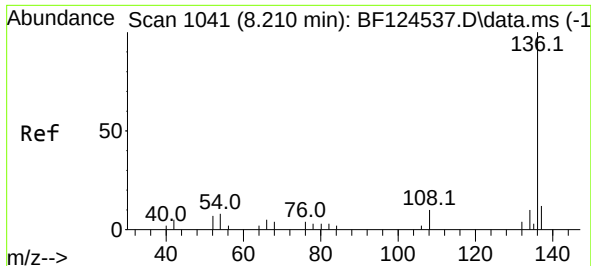
Tgt Ion: 99 Resp: 43228
Ion Ratio Lower Upper
99 100
42 24.0 23.5 35.3
71 30.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.63 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

Tgt Ion: 70 Resp: 3439
Ion Ratio Lower Upper
70 100
42 77.2 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

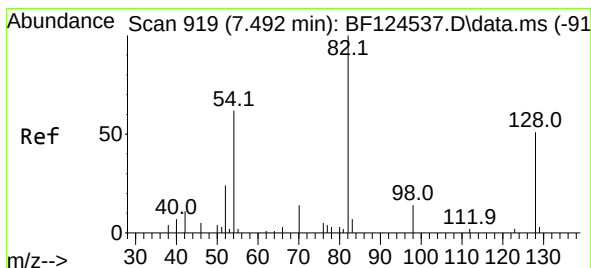
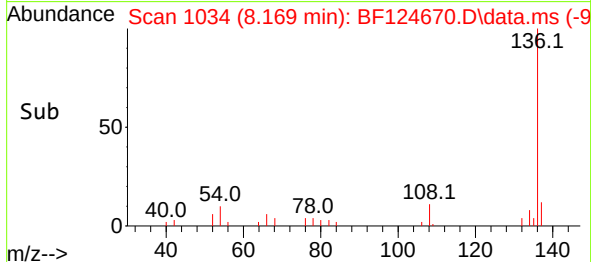
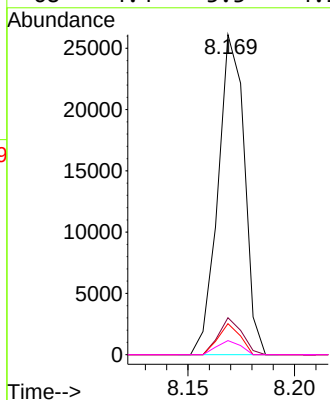
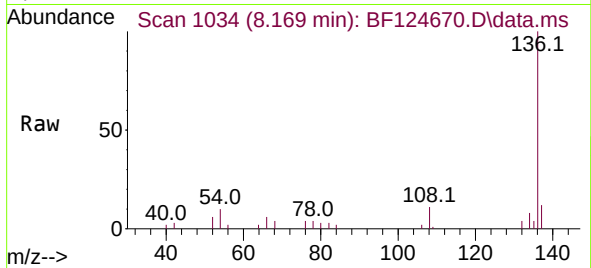




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

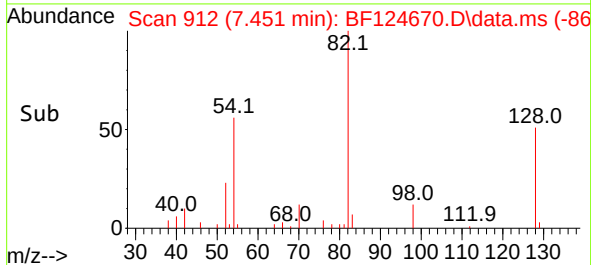
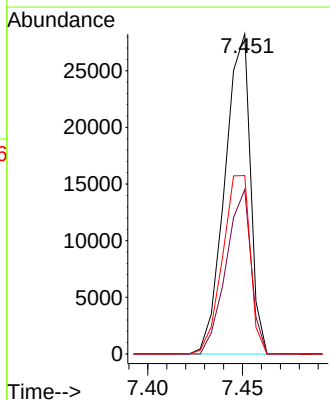
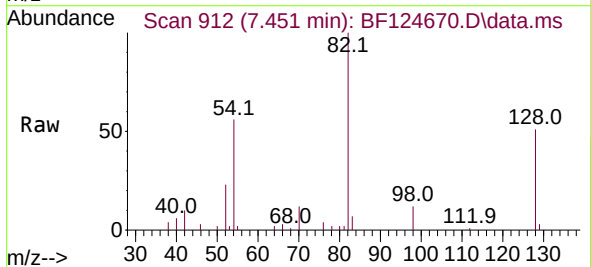
Instrument :
BNA_F
ClientSampleId :
20210528-COM-1

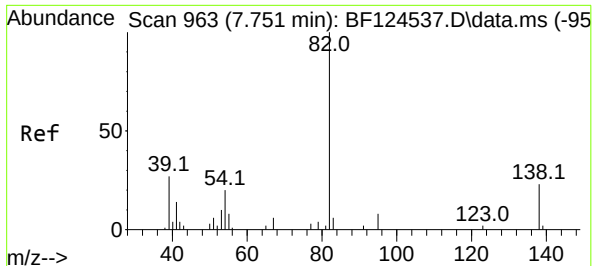
Tgt Ion:136	Resp:	22456
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.8 14.6
54	9.7	6.4 9.6#
68	4.4	3.3 4.9



#23
Nitrobenzene-d5
Concen: 74.15 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

Tgt Ion: 82	Resp:	26376
Ion Ratio	Lower	Upper
82	100	
128	51.4	40.6 60.8
54	55.7	49.6 74.4

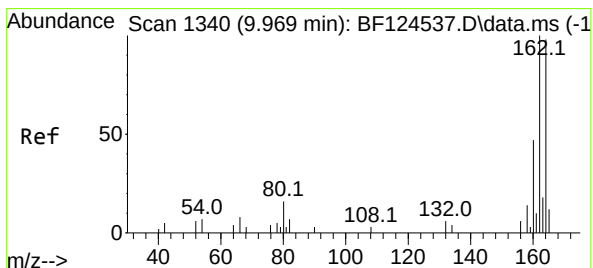
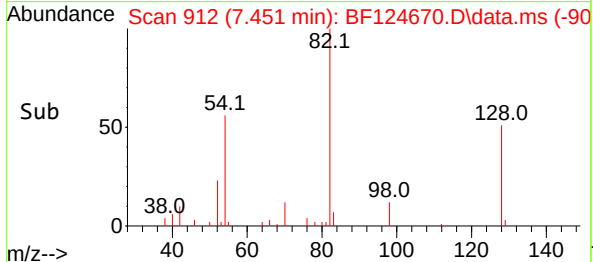
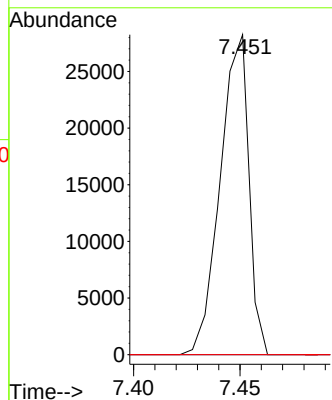
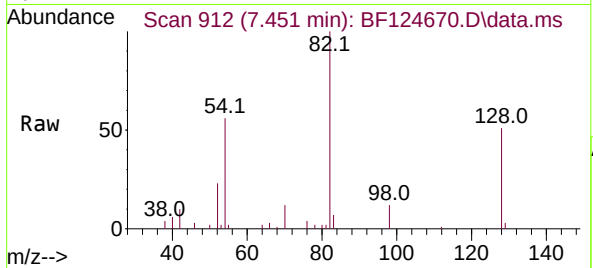




#25
Isophorone
Concen: 40.39 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

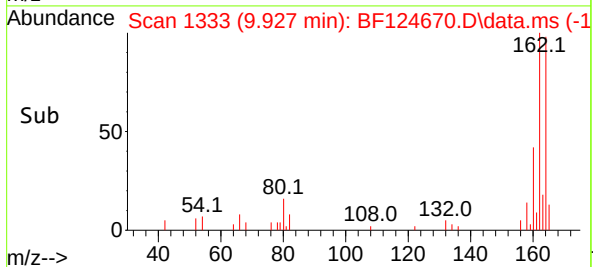
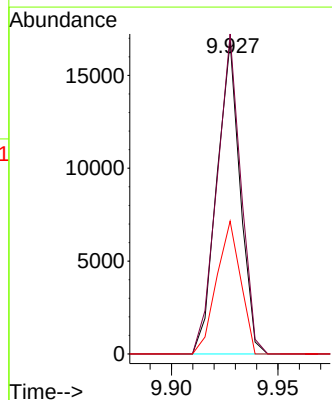
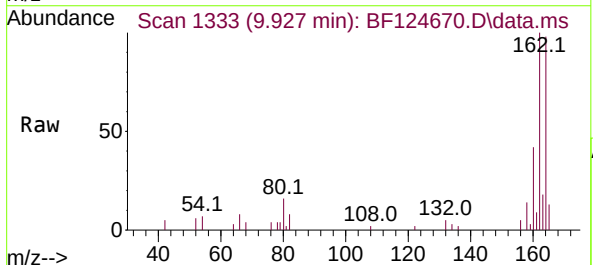
Instrument :
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ClientSampleId :
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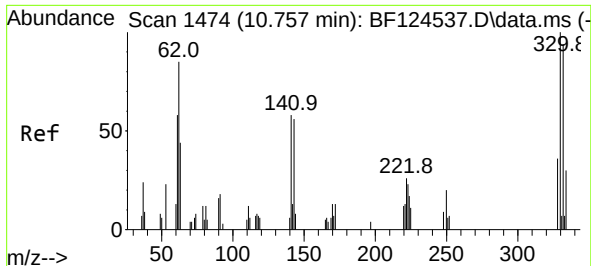
Tgt Ion: 82 Resp: 26375
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

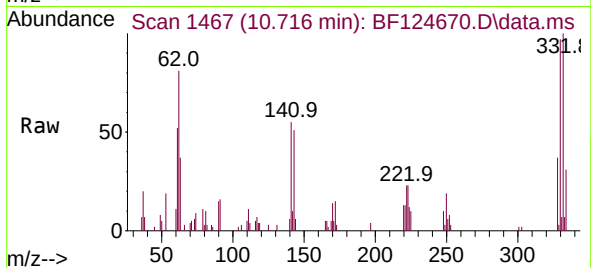
Tgt Ion:164 Resp: 12808
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 42.5 38.0 57.0



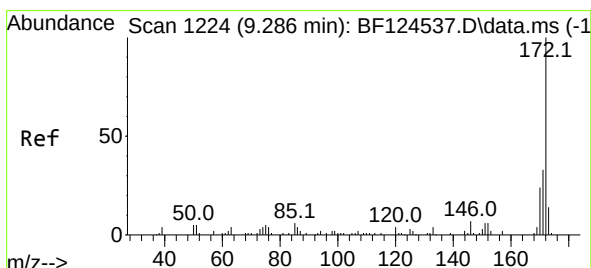
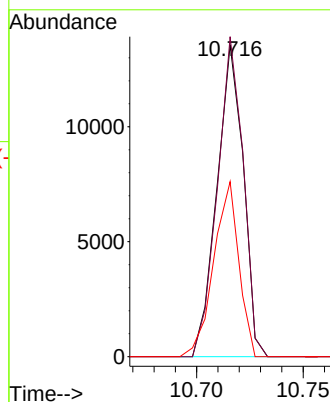
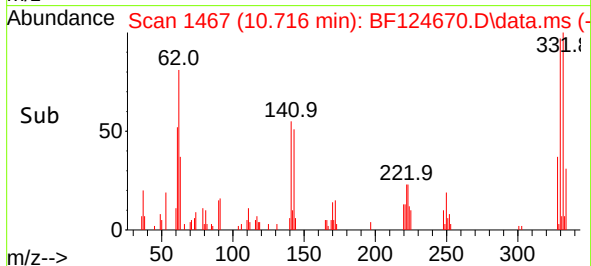


#42
2,4,6-Tribromophenol
Concen: 117.01 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

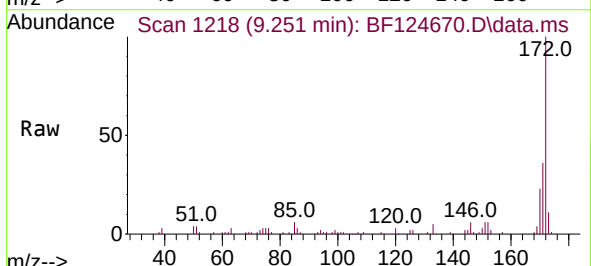
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ClientSampleId :
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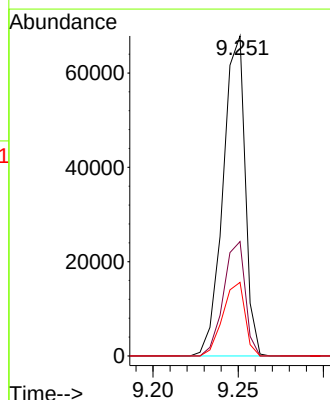
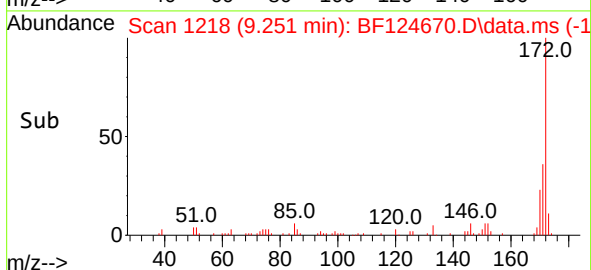
Tgt Ion: 330 Resp: 11662
Ion Ratio Lower Upper
330 100
332 100.3 76.2 114.4
141 53.4 44.6 66.8

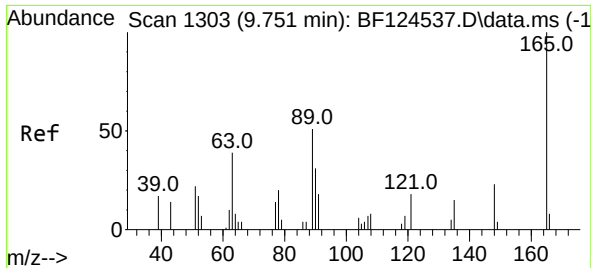


#45
2-Fluorobiphenyl
Concen: 69.62 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44



Tgt Ion: 172 Resp: 61148
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.0 18.8 28.2

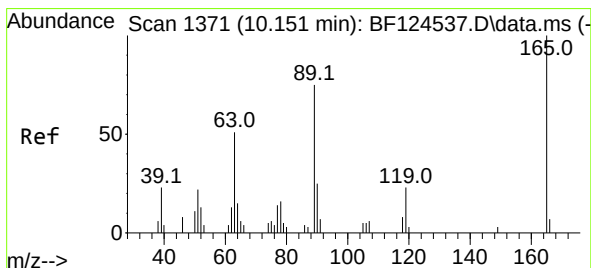
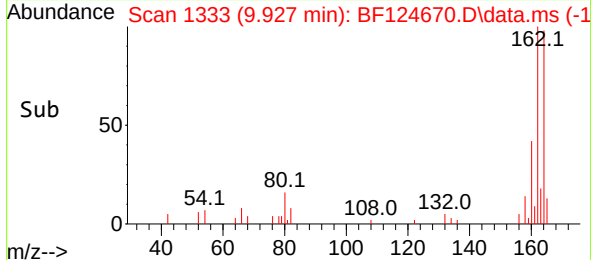
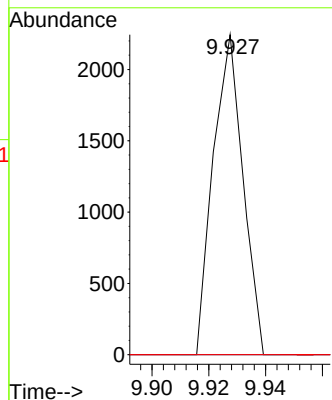
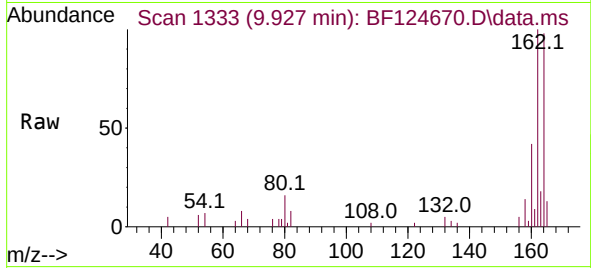




#51
2,6-Dinitrotoluene
Concen: 9.29 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

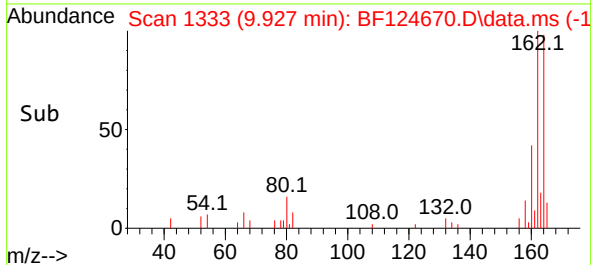
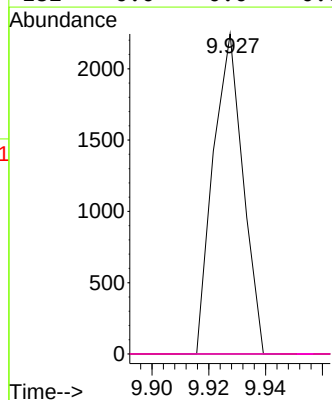
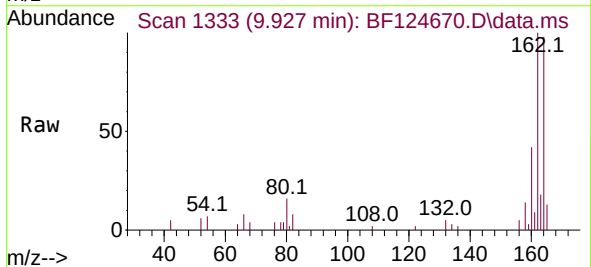
Instrument :
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20210528-COM-1

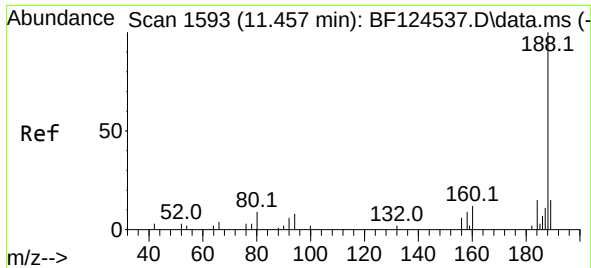
Tgt Ion:165 Resp: 1632
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

Tgt Ion:165 Resp: 1632
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

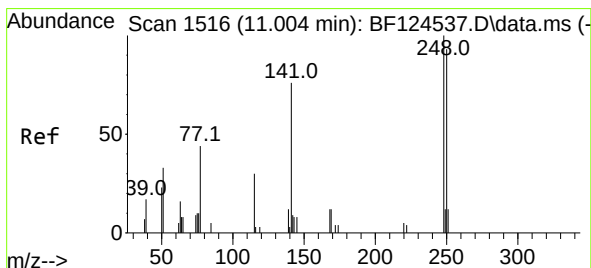
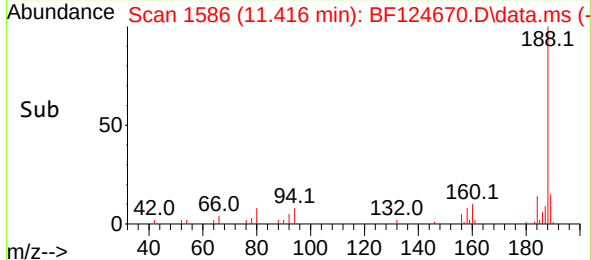
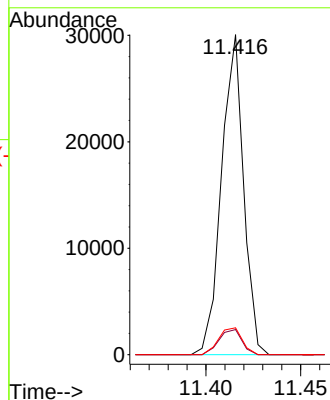
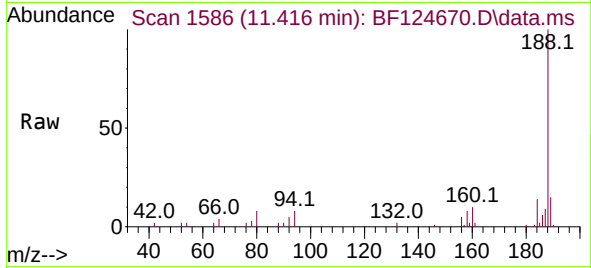




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

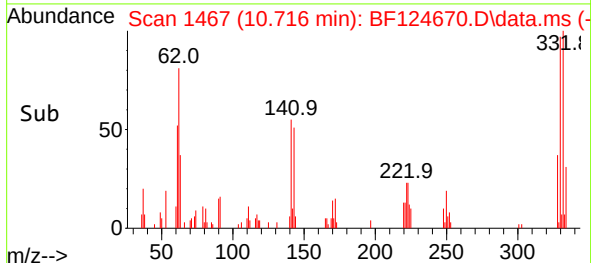
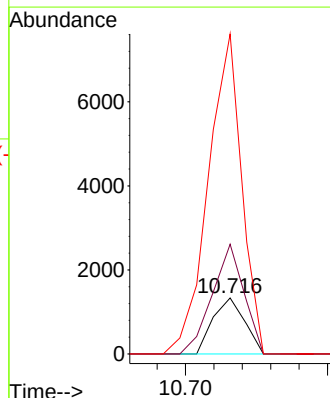
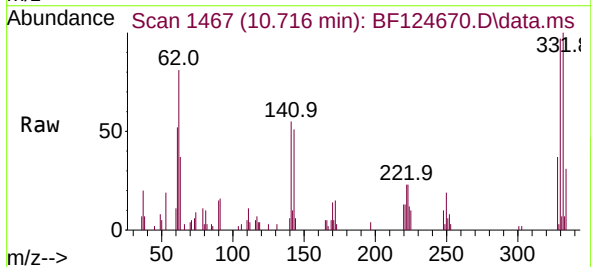
Instrument :
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20210528-COM-1

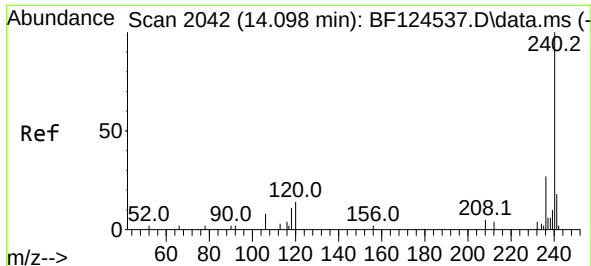
Tgt Ion:188 Resp: 24308
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

Tgt Ion:248 Resp: 1031
Ion Ratio Lower Upper
248 100
250 196.0 74.2 111.4#
141 571.7 60.4 90.6#

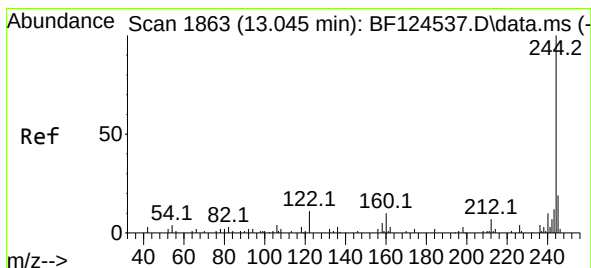
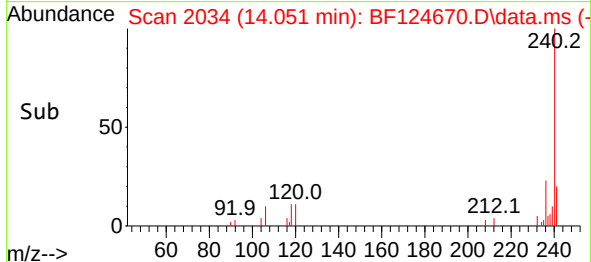
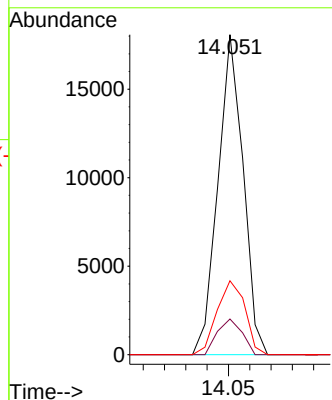
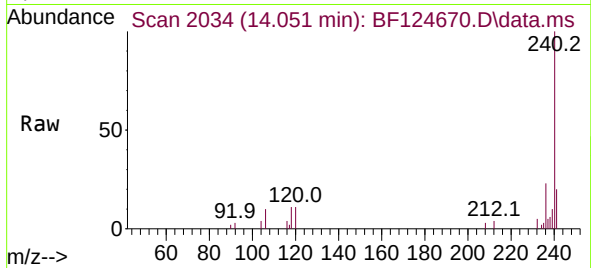




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

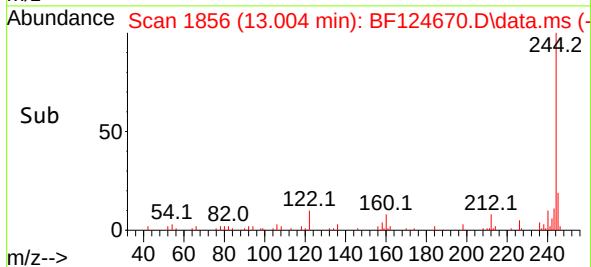
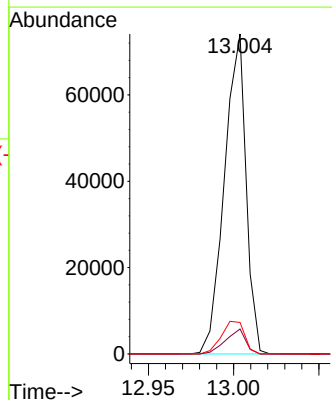
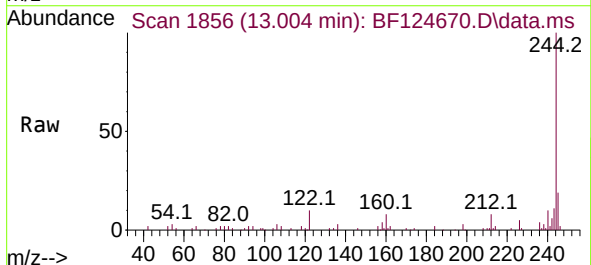
Instrument :
BNA_F
ClientSampleId :
20210528-COM-1

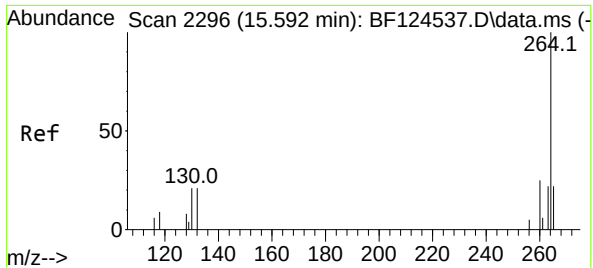
Tgt Ion:240 Resp: 14829
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 23.1 21.6 32.4



#79
Terphenyl-d14
Concen: 73.97 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

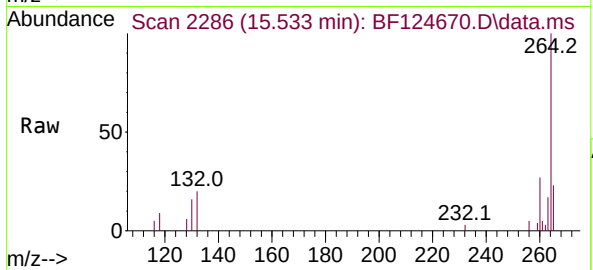
Tgt Ion:244 Resp: 65324
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.9 9.0 13.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF124670.D
Acq: 21 Jul 2021 19:44

Instrument :
BNA_F
ClientSampleId :
20210528-COM-1



Tgt Ion:264	Resp:	12684
Ion Ratio	Lower	Upper
264	100	
260	26.7	19.6 29.4
265	22.9	17.2 25.8

