

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124651.D
 Acq On : 21 Jul 2021 4:13
 Operator : JU/CG
 Sample : M3074-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-071621

Quant Time: Jul 21 05:17:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

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

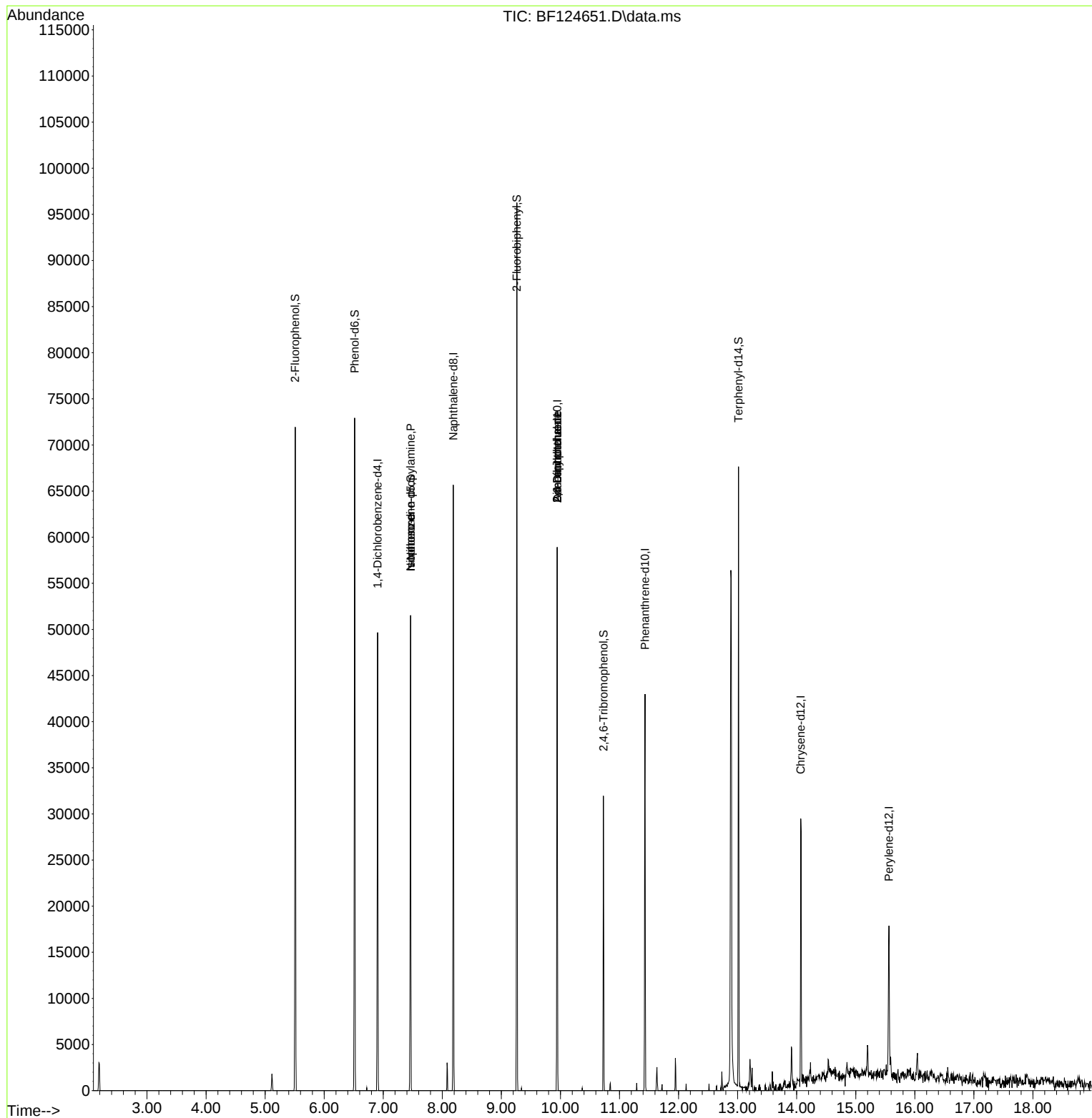
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	7261	20.00	ng	-0.01
21) Naphthalene-d8	8.186	136	25622	20.00	ng	#-0.02
39) Acenaphthene-d10	9.945	164	11081	20.00	ng	-0.01
64) Phenanthrene-d10	11.433	188	16262	20.00	ng	-0.01
76) Chrysene-d12	14.068	240	11283	20.00	ng	-0.02
86) Perylene-d12	15.562	264	8264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	18058	43.09	ng	-0.02
7) Phenol-d6	6.516	99	20770	40.74	ng	-0.03
23) Nitrobenzene-d5	7.463	82	12939	31.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	3257	37.77	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	25371	33.39	ng	-0.02
79) Terphenyl-d14	13.016	244	19828	29.51	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	1662	5.80	ng	# 74
25) Isophorone	7.463	82	12943	17.37	ng	# 59
50) Dimethylphthalate	9.945	163	2114	2.74	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	1346	8.86	ng	# 26
57) 2,4-Dinitrotoluene	9.945	165	1346	6.47	ng	# 18

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

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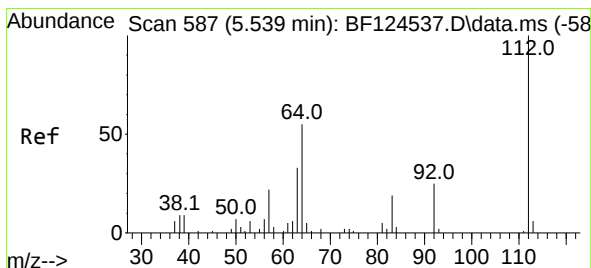
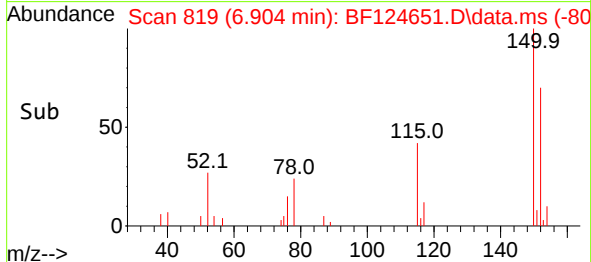
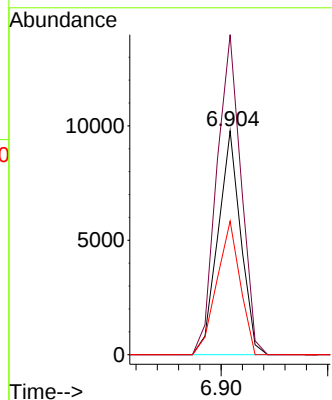
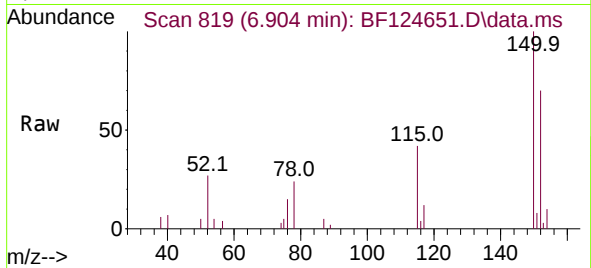




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

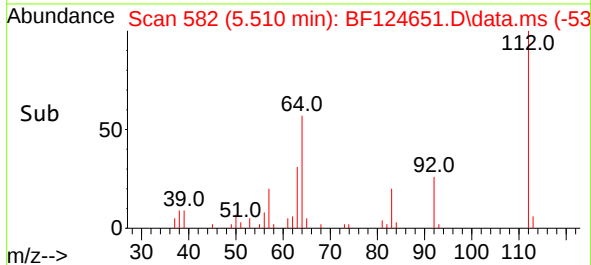
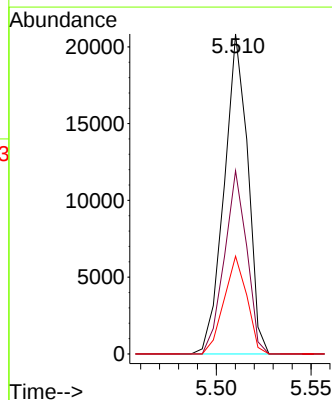
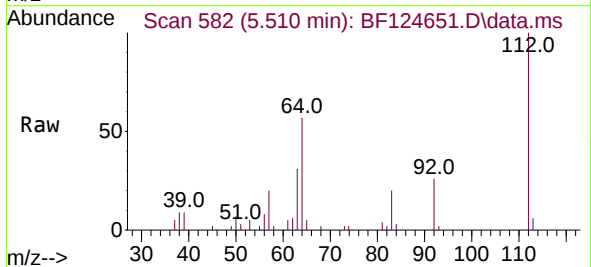
Instrument :
BNA_F
ClientSampleId :
OK-02-071621

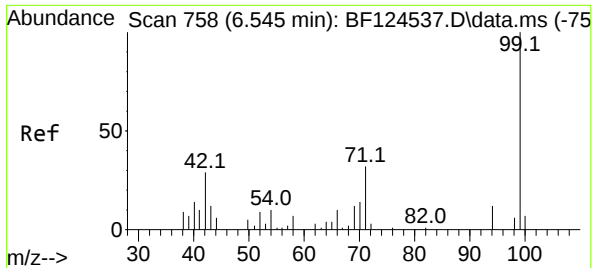
Tgt Ion:152 Resp: 7261
Ion Ratio Lower Upper
152 100
150 143.0 117.6 176.4
115 59.7 47.1 70.7



#5
2-Fluorophenol
Concen: 43.09 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.023 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

Tgt Ion:112 Resp: 18058
Ion Ratio Lower Upper
112 100
64 57.2 44.2 66.2
63 30.6 26.2 39.2

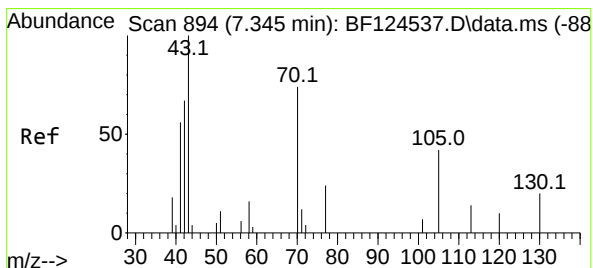
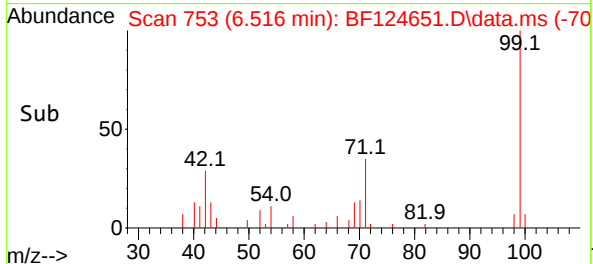
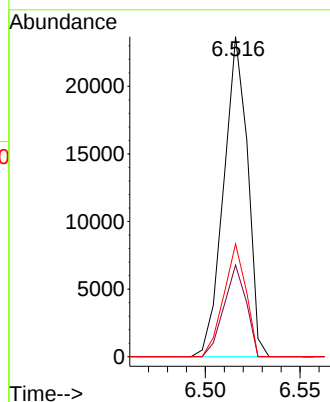
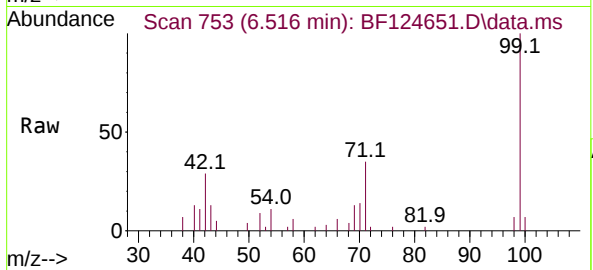




#7
Phenol-d6
Concen: 40.74 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.029 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

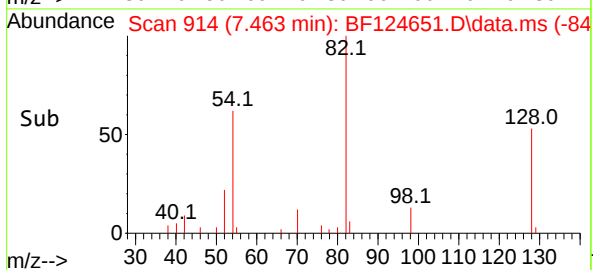
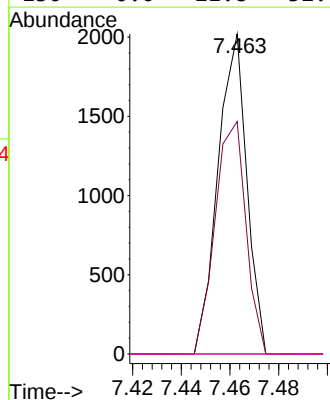
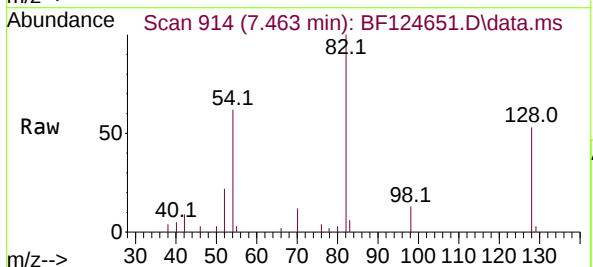
Instrument :
BNA_F
ClientSampleId :
OK-02-071621

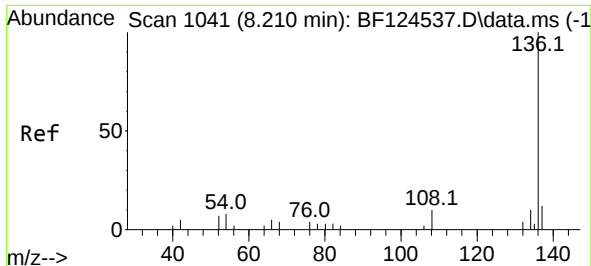
Tgt Ion:	99	Resp:	20770
Ion	Ratio	Lower	Upper
99	100		
42	28.6	23.5	35.3
71	35.2	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.80 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.130 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

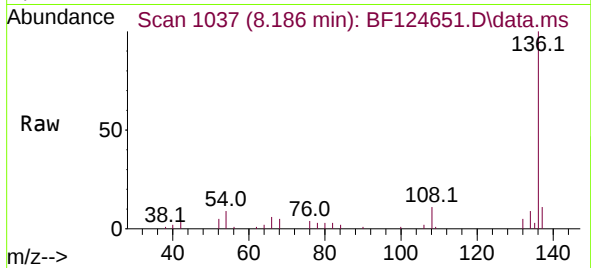
Tgt Ion:	70	Resp:	1662
Ion	Ratio	Lower	Upper
70	100		
42	72.6	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



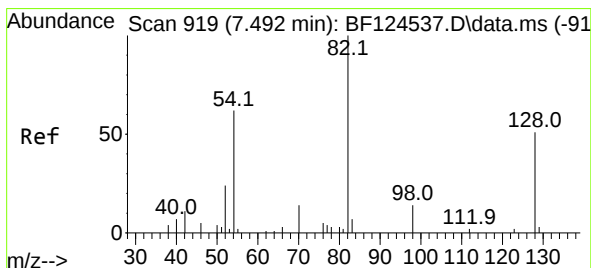
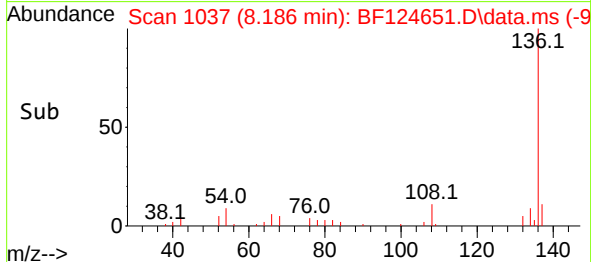
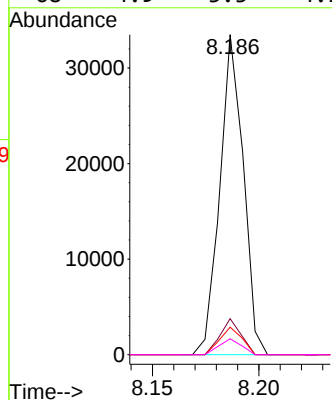


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

Instrument :
BNA_F
ClientSampleId :
OK-02-071621

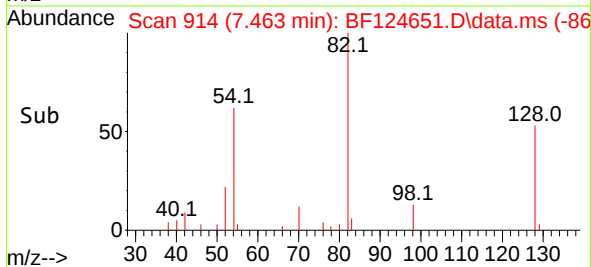
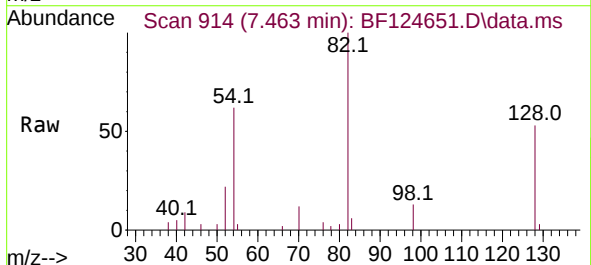
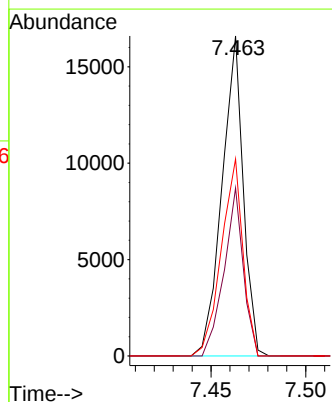


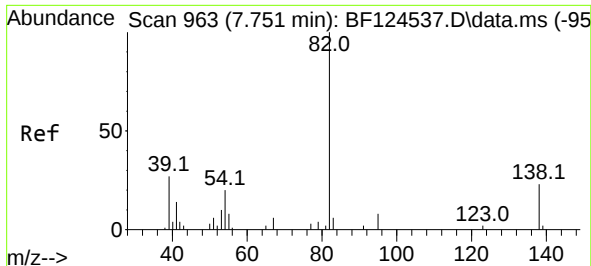
Tgt Ion:	136	Resp:	25622
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.8	14.6
54	8.6	6.4	9.6
68	4.9	3.3	4.9



#23
Nitrobenzene-d5
Concen: 31.88 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

Tgt Ion:	82	Resp:	12939
Ion Ratio	Lower	Upper	
82	100		
128	52.5	40.6	60.8
54	61.5	49.6	74.4

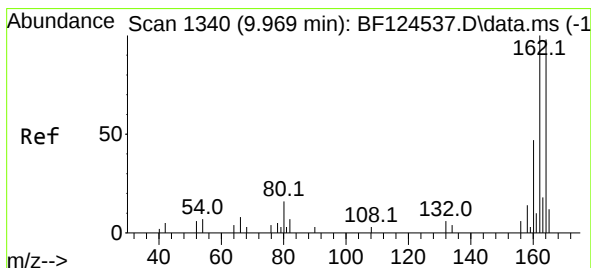
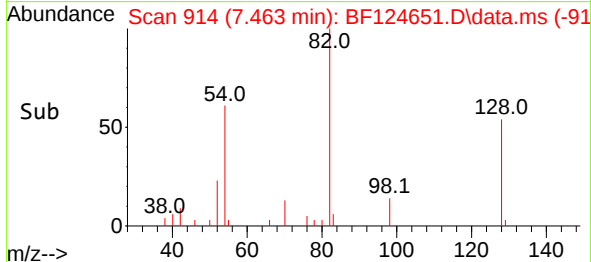
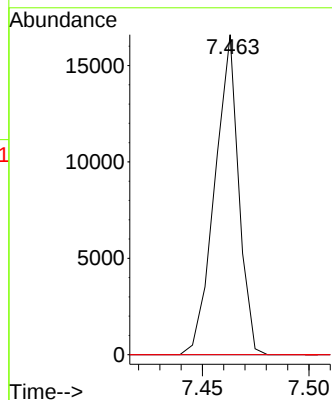
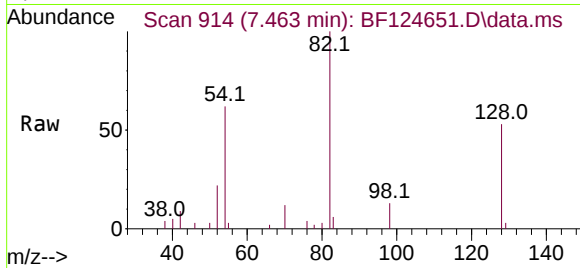




#25
Isophorone
Concen: 17.37 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.282 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

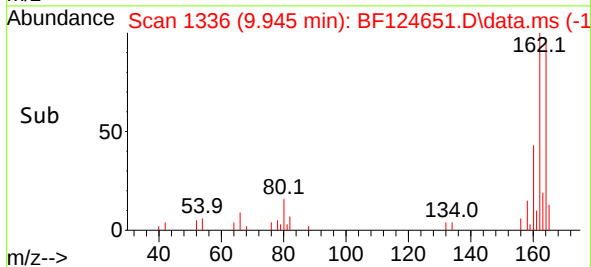
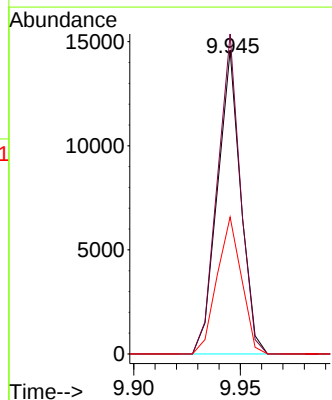
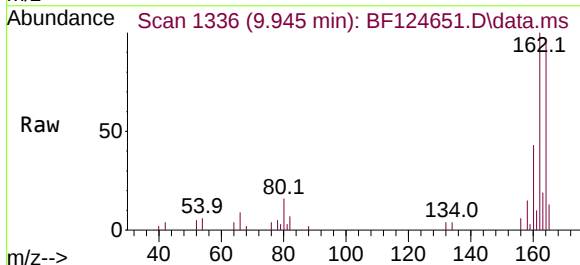
Instrument :
BNA_F
ClientSampleId :
OK-02-071621

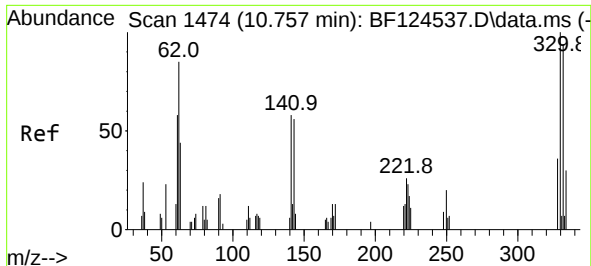
Tgt Ion: 82 Resp: 12943
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

Tgt Ion: 164 Resp: 11081
Ion Ratio Lower Upper
164 100
162 105.3 81.3 121.9
160 45.1 38.0 57.0

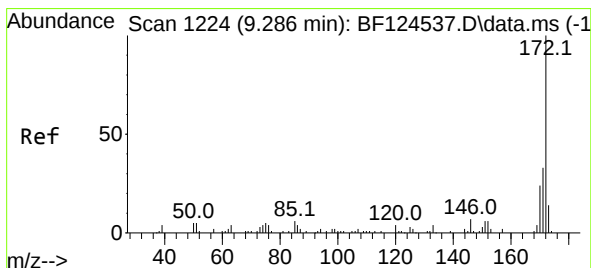
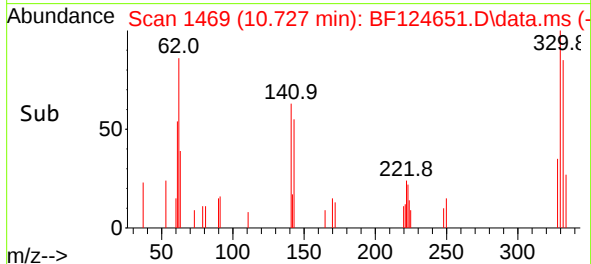
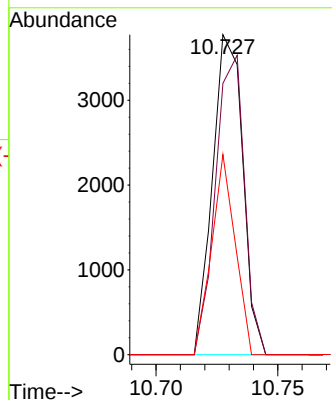
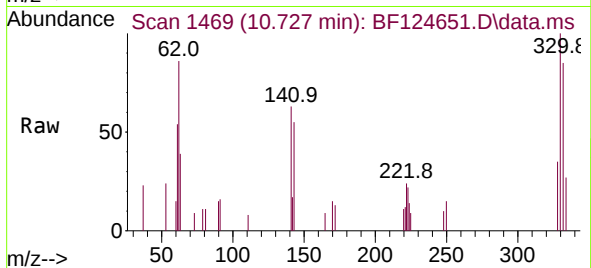




#42
2,4,6-Tribromophenol
Concen: 37.77 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.023 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

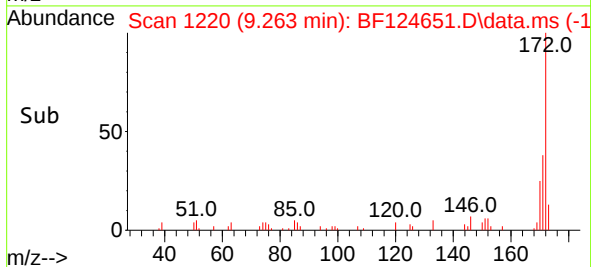
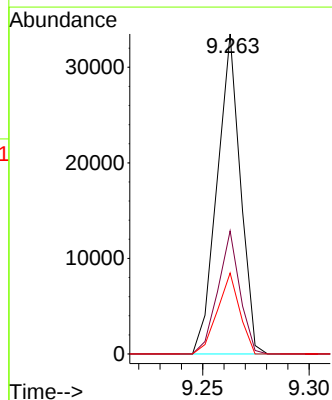
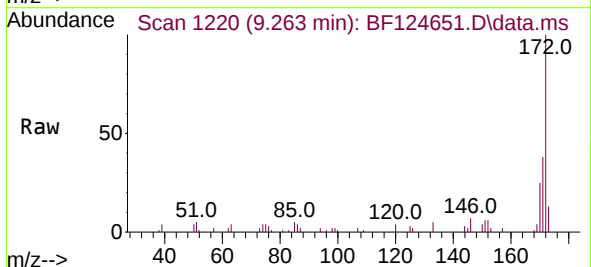
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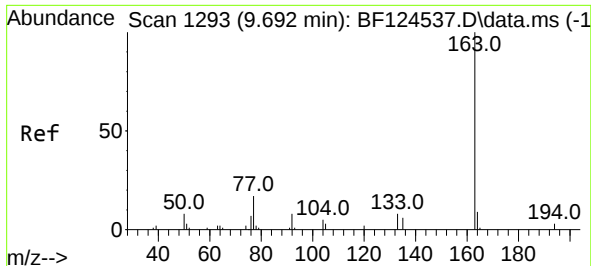
Tgt Ion: 330 Resp: 3257
Ion Ratio Lower Upper
330 100
332 89.6 76.2 114.4
141 48.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 33.39 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

Tgt Ion: 172 Resp: 25371
Ion Ratio Lower Upper
172 100
171 38.5 26.5 39.7
170 25.3 18.8 28.2

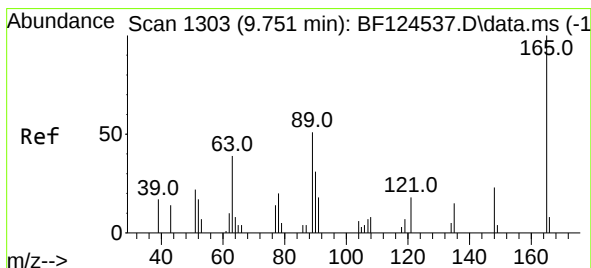
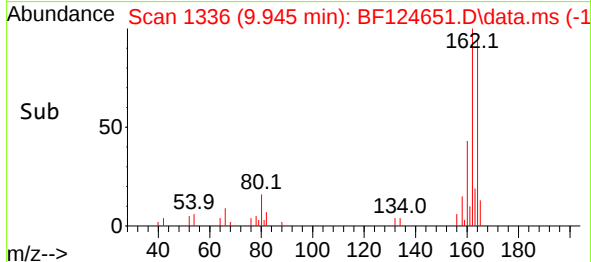
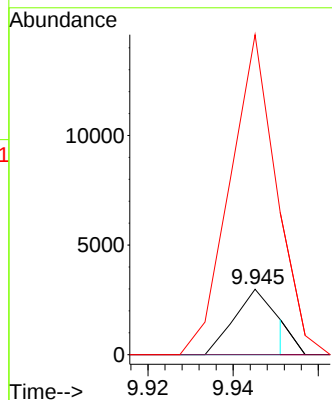
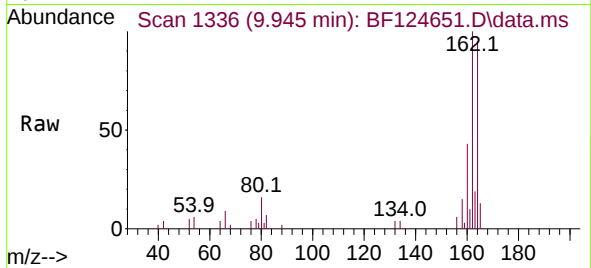




#50
Dimethylphthalate
Concen: 2.74 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.259 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

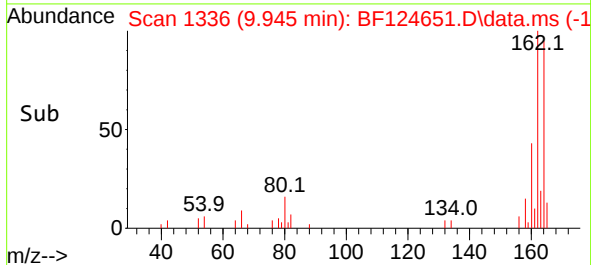
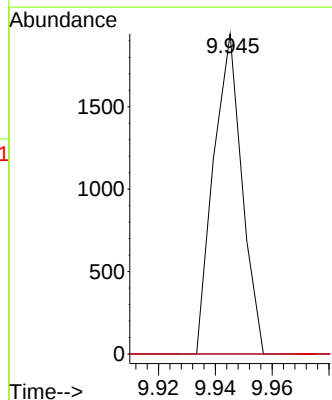
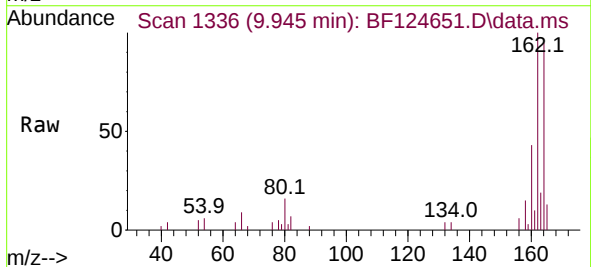
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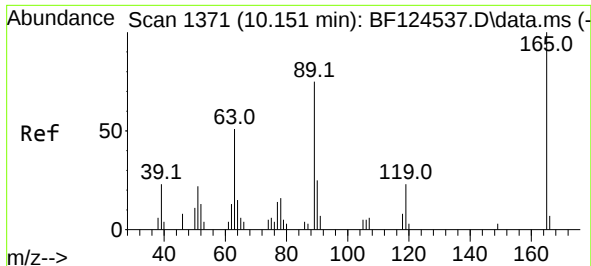
Tgt Ion:163 Resp: 2114
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 488.6 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 8.86 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.200 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

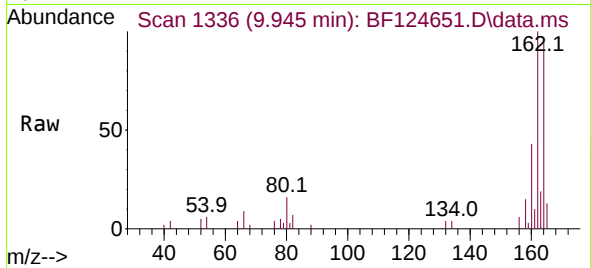
Tgt Ion:165 Resp: 1346
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



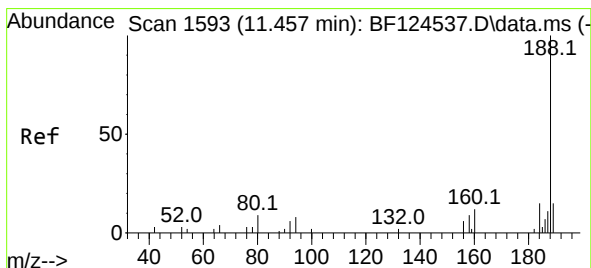
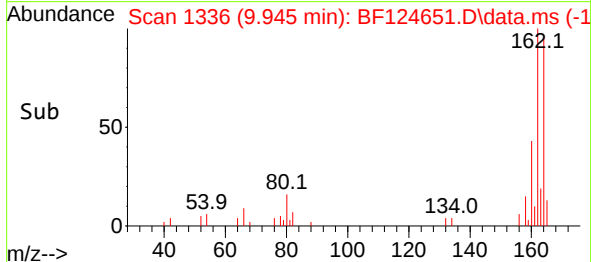
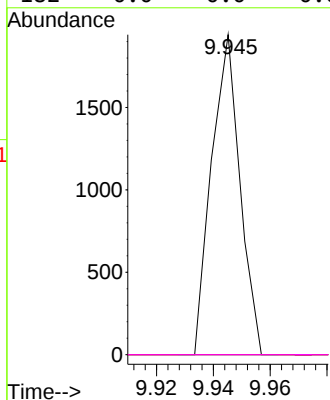


#57
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

Instrument :
BNA_F
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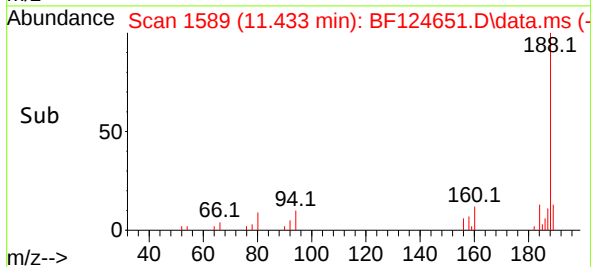
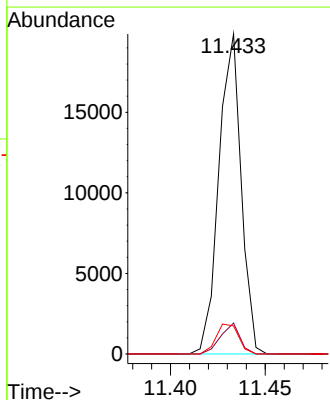
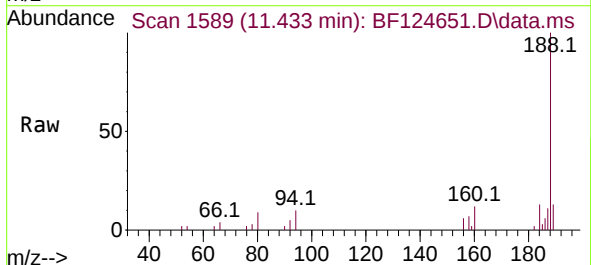


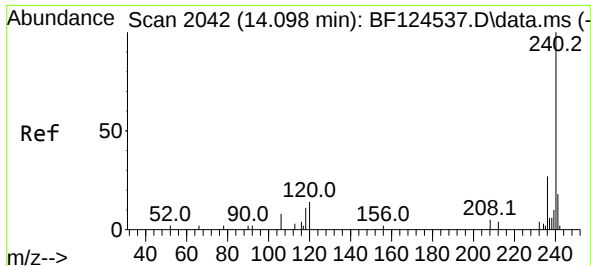
Tgt Ion:165 Resp: 1346
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

Tgt Ion:188 Resp: 16262
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 8.8 7.5 11.3

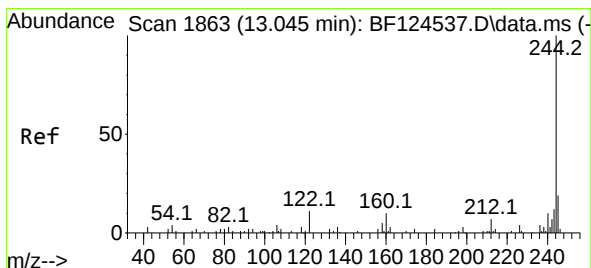
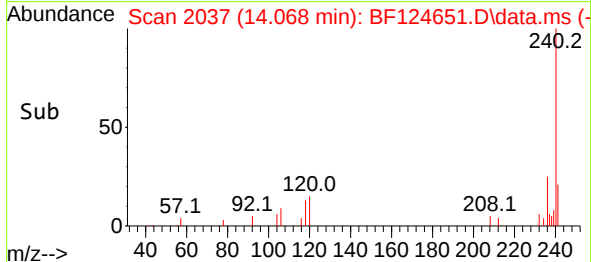
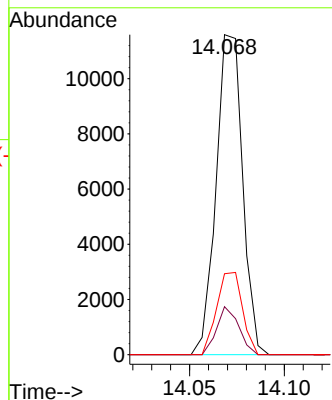
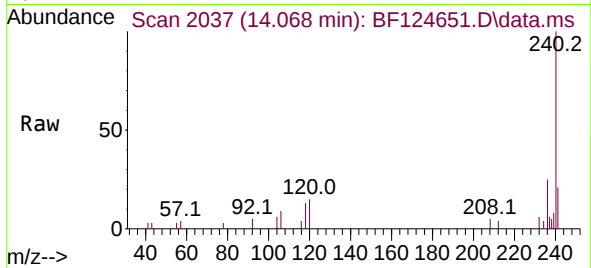




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

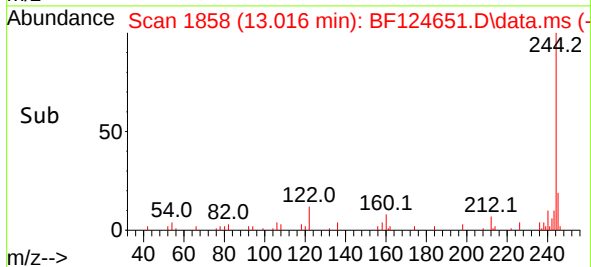
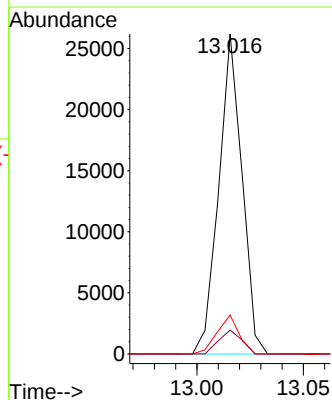
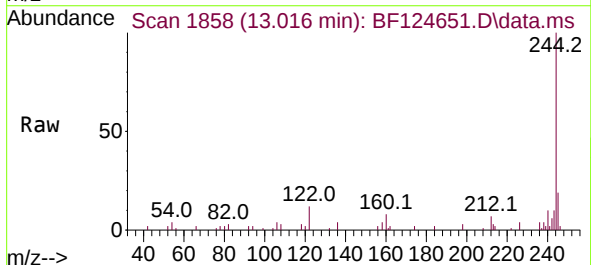
Instrument :
BNA_F
ClientSampleId :
OK-02-071621

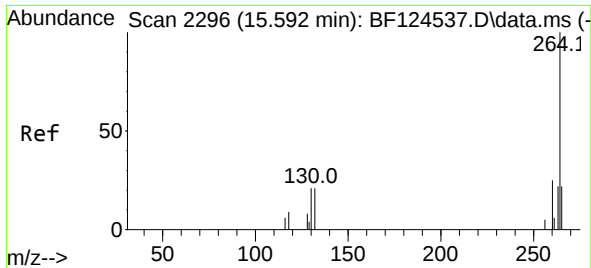
Tgt Ion:240 Resp: 11283
Ion Ratio Lower Upper
240 100
120 15.0 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 29.51 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.018 min
Lab File: BF124651.D
Acq: 21 Jul 2021 4:13

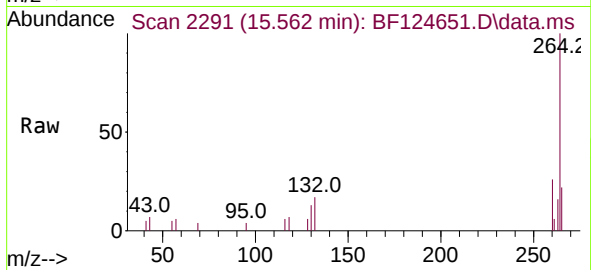
Tgt Ion:244 Resp: 19828
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 12.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF124651.D
 Acq: 21 Jul 2021 4:13

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-071621



Tgt Ion:	264	Resp:	8264
Ion Ratio	Lower	Upper	
264	100		
260	25.7	19.6	29.4
265	21.9	17.2	25.8

