

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129184.D
 Acq On : 12 Jul 2022 12:15
 Operator : CG\JU
 Sample : PB146128BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146128BL

Quant Time: Jul 12 14:16:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

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

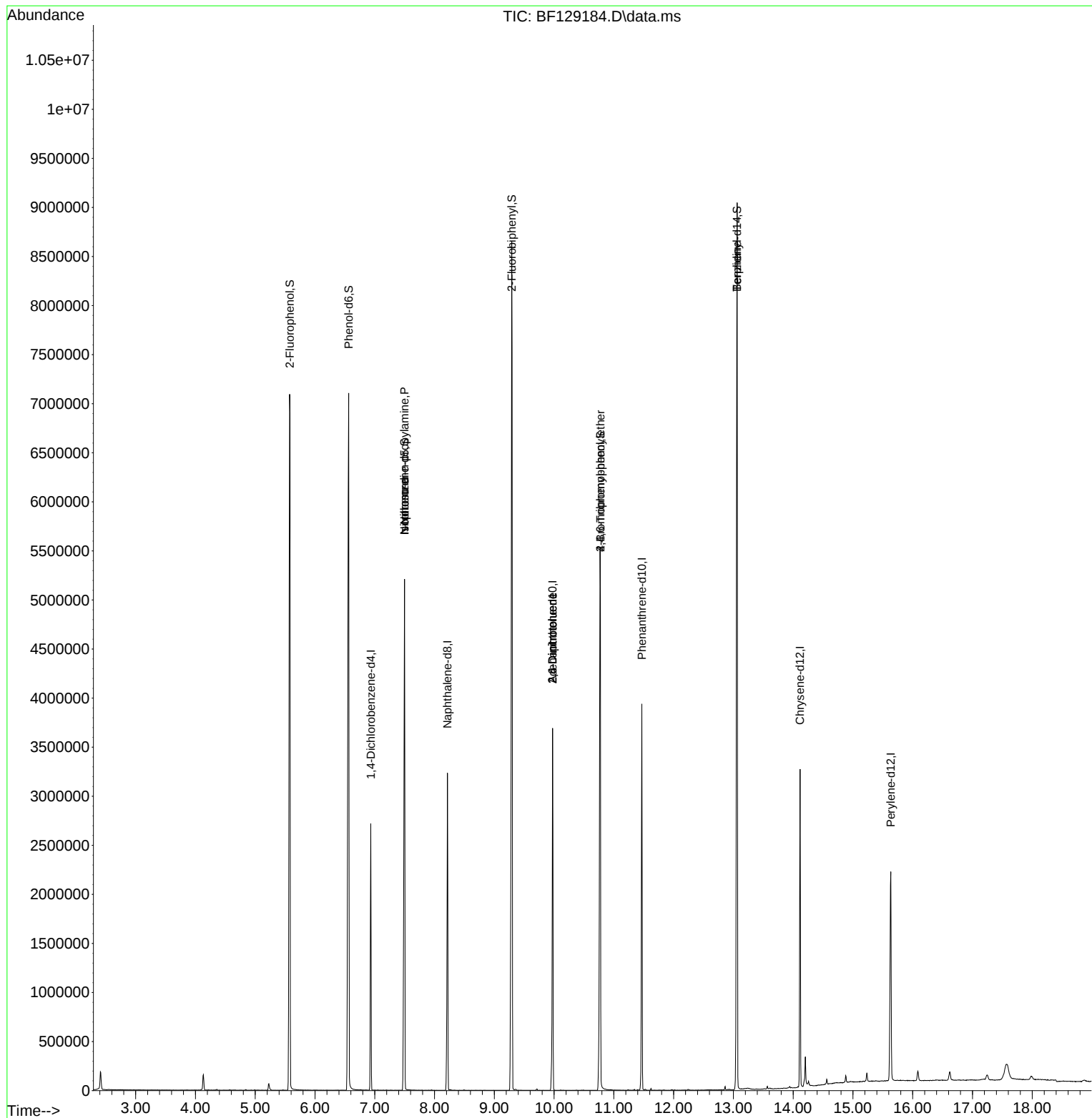
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.933	152	378655	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	1522543	20.000	ng	# 0.00
39) Acenaphthene-d10	9.974	164	775412	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	1355794	20.000	ng	# 0.00
76) Chrysene-d12	14.115	240	1030042	20.000	ng	# 0.00
86) Perylene-d12	15.633	264	950329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2225584	99.369	ng	0.02
7) Phenol-d6	6.563	99	2915067	104.796	ng	0.00
23) Nitrobenzene-d5	7.498	82	2024010	79.292	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	771190	91.466	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	3253836	67.131	ng	0.00
79) Terphenyl-d14	13.062	244	3497649	70.515	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	186	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.498	70	275637	17.130	ng	# 77
25) Isophorone	7.498	82	2007709	46.539	ng	# 65
51) 2,6-Dinitrotoluene	9.974	165	101810	10.271	ng	# 25
57) 2,4-Dinitrotoluene	9.974	165	101810	8.320	ng	# 21
67) 4-Bromophenyl-phenylether	10.774	248	49612	3.440	ng	# 1
77) Benzidine	13.062	184	57348	3.127	ng	# 94

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

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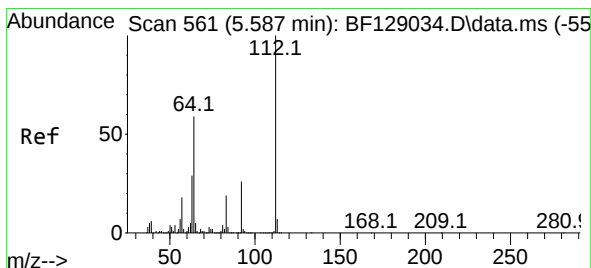
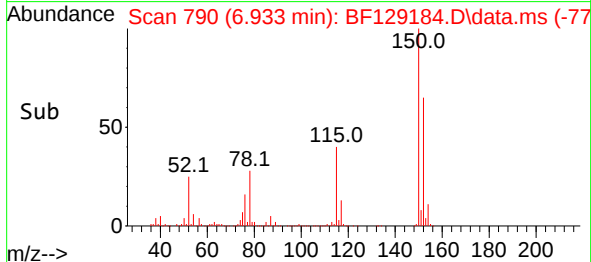
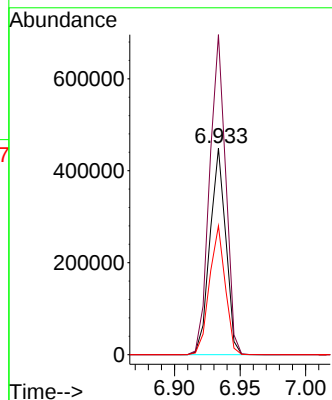
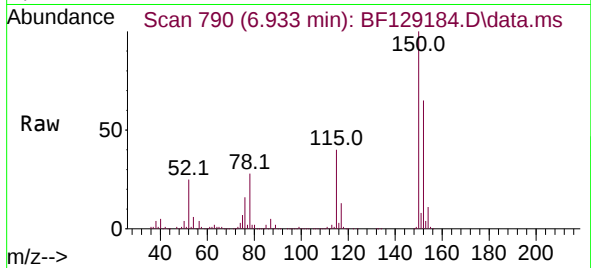




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.933 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

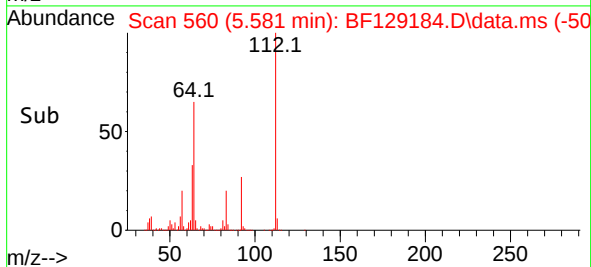
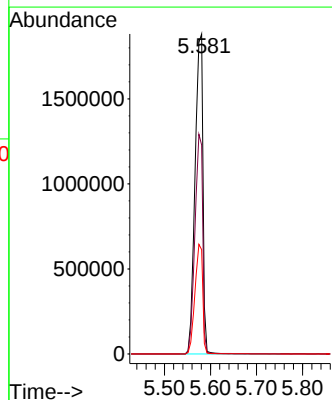
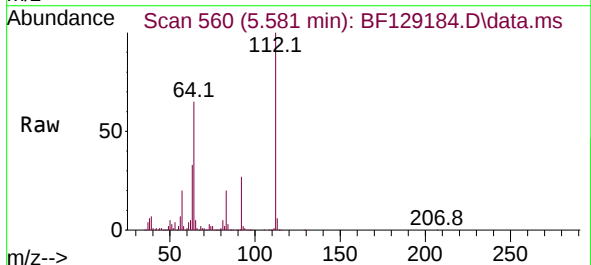
Instrument :
BNA_F
ClientSampleId :
PB146128BL

Tgt Ion:152 Resp: 378655
Ion Ratio Lower Upper
152 100
150 154.9 123.7 185.5
115 62.4 49.9 74.9



#5
2-Fluorophenol
Concen: 99.369 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

Tgt Ion:112 Resp: 2225584
Ion Ratio Lower Upper
112 100
64 65.3 53.3 79.9
63 32.6 28.0 42.0





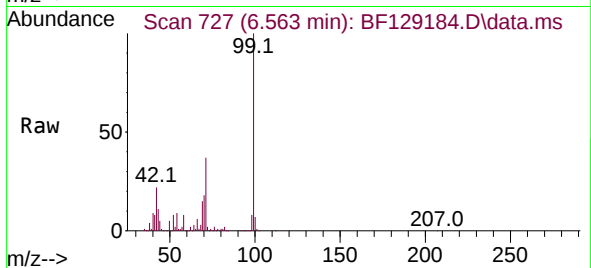
#7
Phenol-d6
Concen: 104.796 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

Instrument :

BNA_F

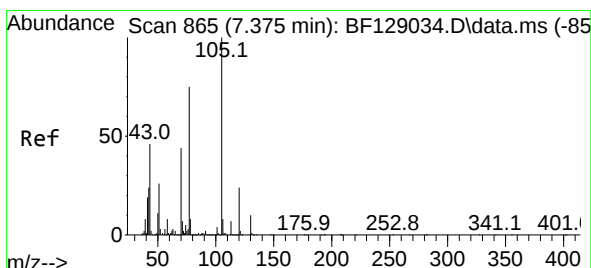
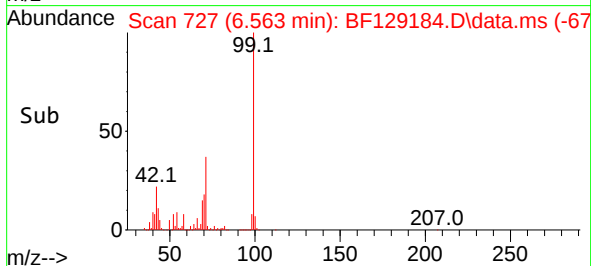
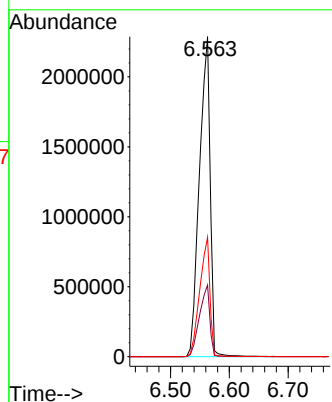
ClientSampleId :

PB146128BL



Tgt Ion: 99 Resp: 2915067

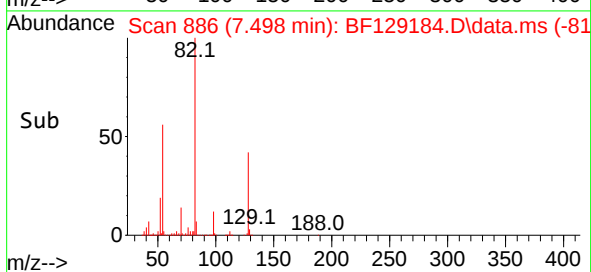
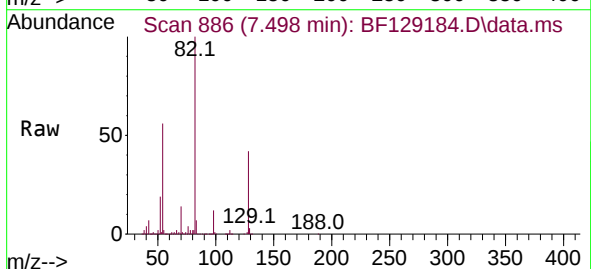
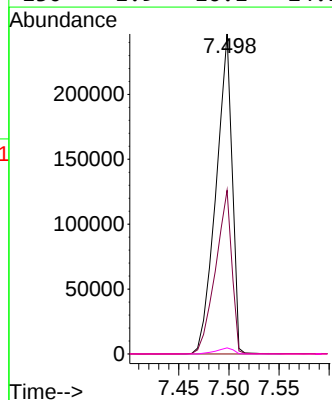
Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.3	25.9
71	37.3	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.130 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.147 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

Tgt Ion: 70 Resp: 275637

Ion	Ratio	Lower	Upper
70	100		
42	51.2	52.3	78.5#
101	0.0	7.5	11.3#
130	1.9	16.1	24.1#

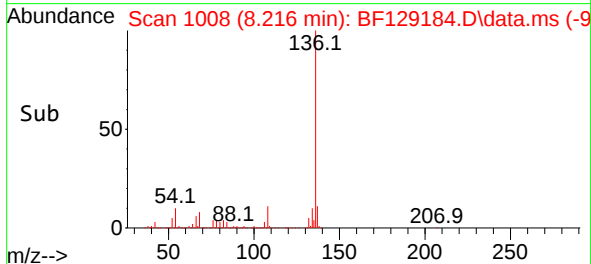
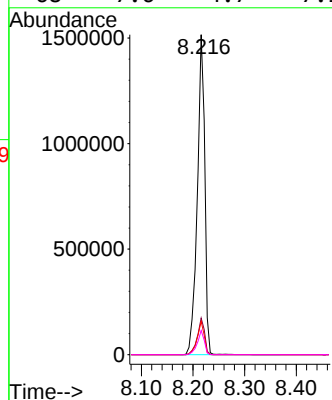
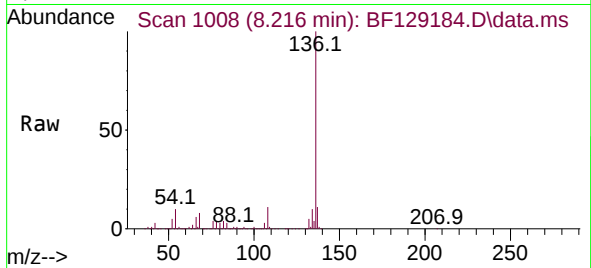




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

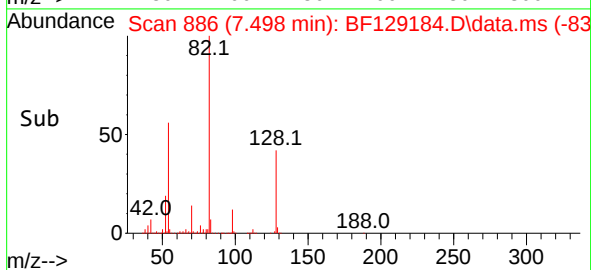
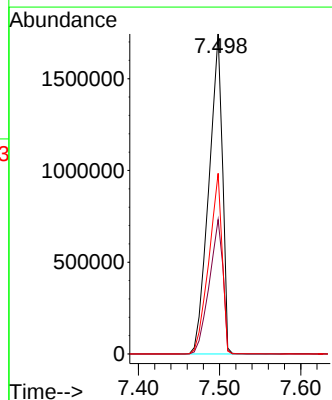
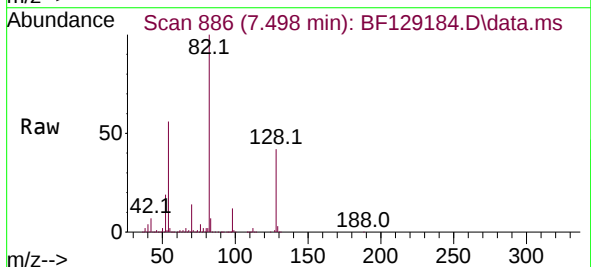
Instrument :
BNA_F
ClientSampleId :
PB146128BL

Tgt Ion:136 Resp: 1522543
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.4 7.5 11.3
68 7.6 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 79.292 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

Tgt Ion: 82 Resp: 2024010
Ion Ratio Lower Upper
82 100
128 42.0 34.0 51.0
54 56.4 46.9 70.3

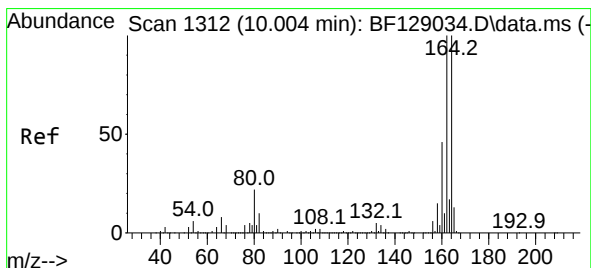
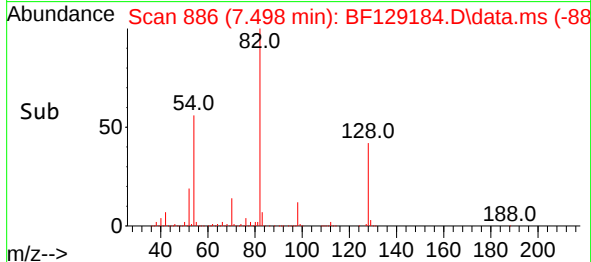
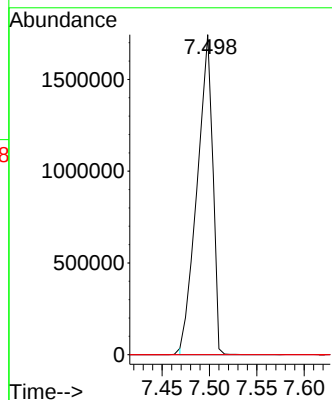
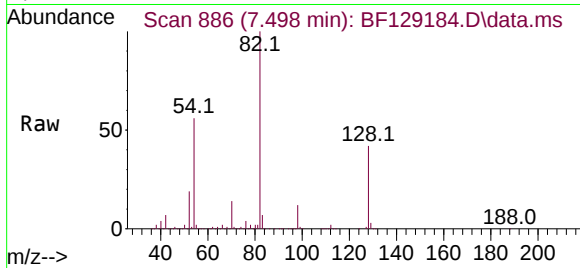




#25
Isophorone
Concen: 46.539 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

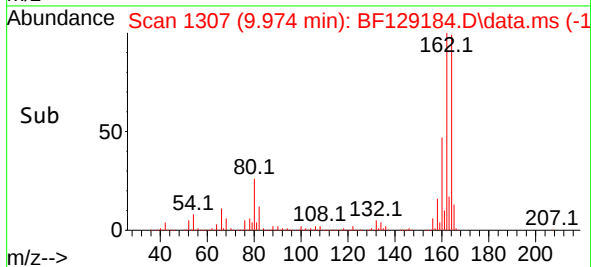
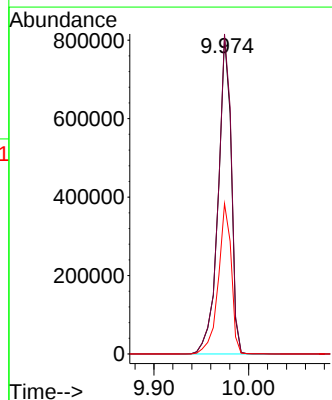
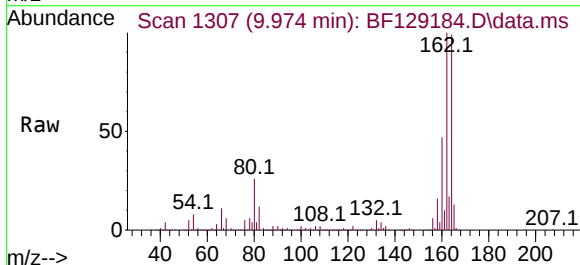
Instrument :
BNA_F
ClientSampleId :
PB146128BL

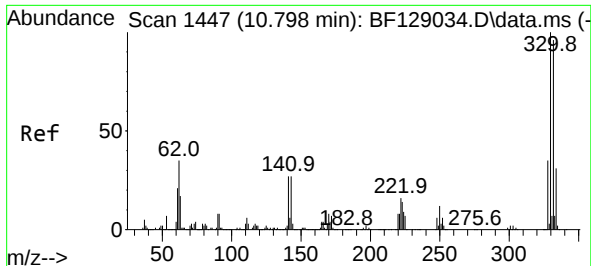
Tgt Ion: 82 Resp: 2007709
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.974 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

Tgt Ion:164 Resp: 775412
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 47.4 34.2 51.4

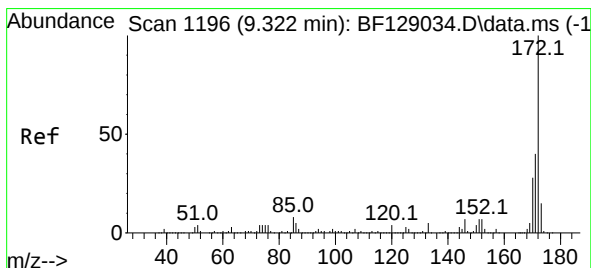
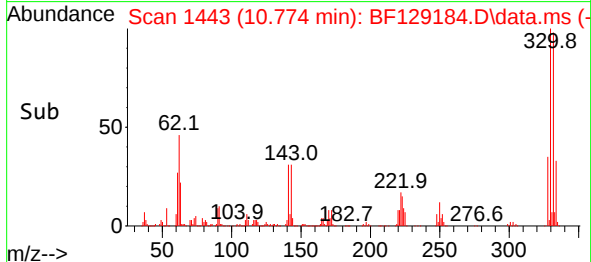
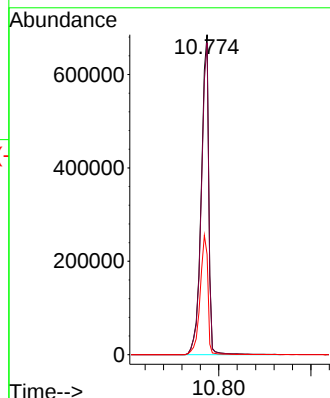
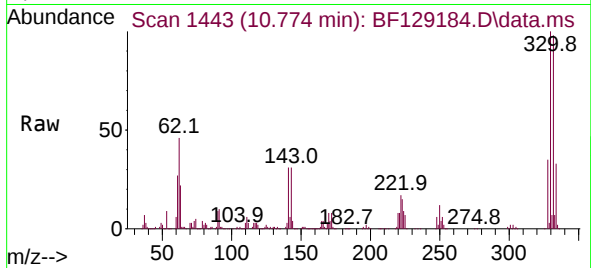




#42
2,4,6-Tribromophenol
Concen: 91.466 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

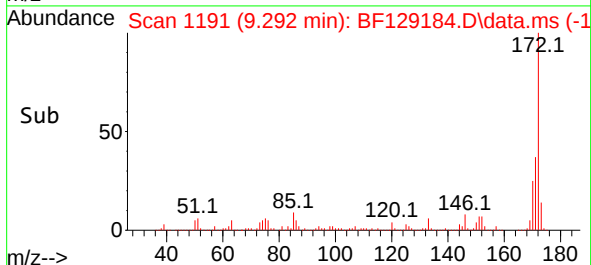
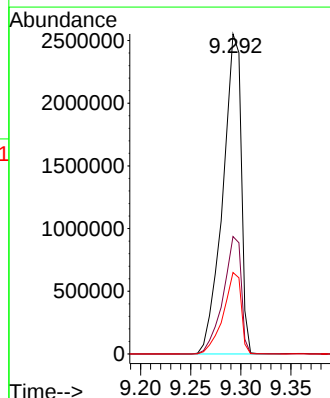
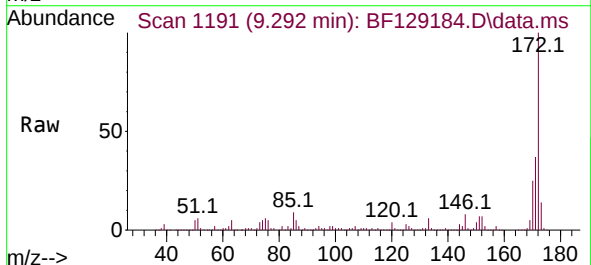
Instrument :
BNA_F
ClientSampleId :
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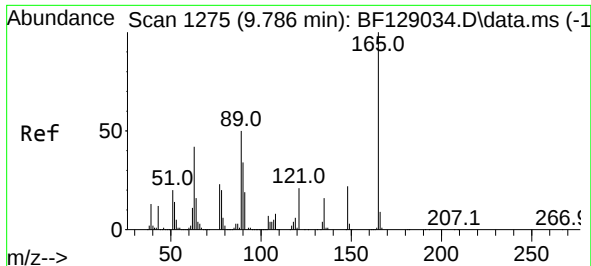
Tgt Ion:330 Resp: 771190
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 38.4 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 67.131 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

Tgt Ion:172 Resp: 3253836
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 25.5 19.8 29.8

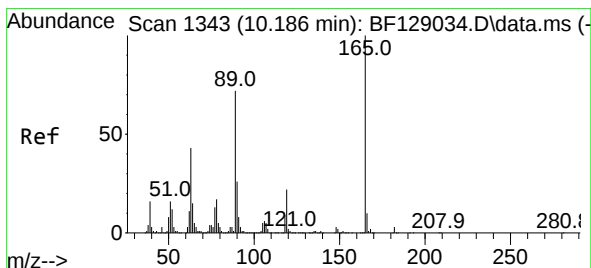
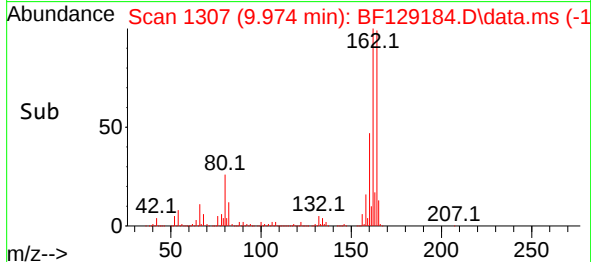
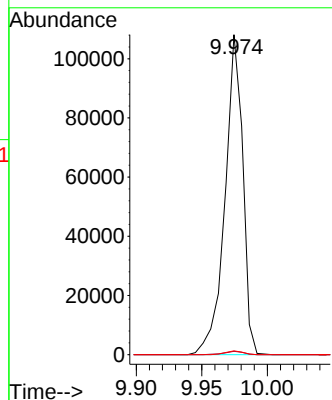
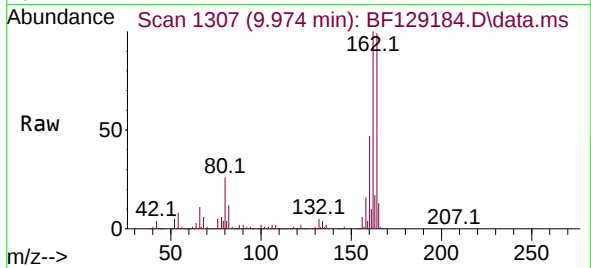




#51
2,6-Dinitrotoluene
Concen: 10.271 ng
RT: 9.974 min Scan# 1307
Delta R.T. 0.212 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

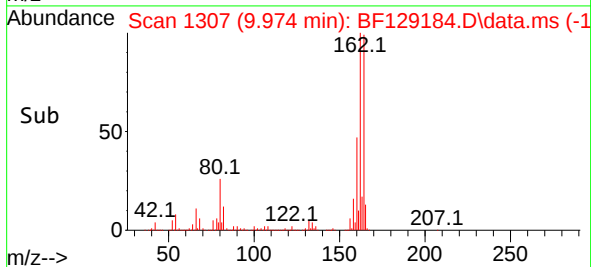
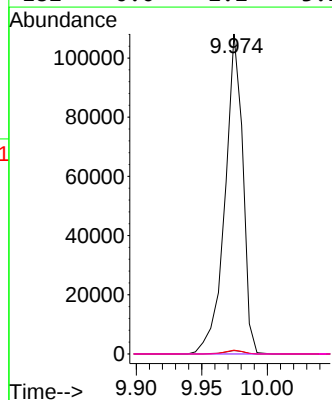
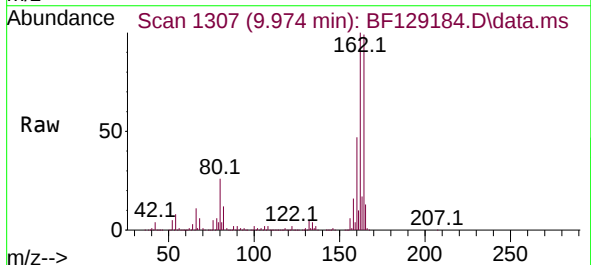
Instrument :
BNA_F
ClientSampleId :
PB146128BL

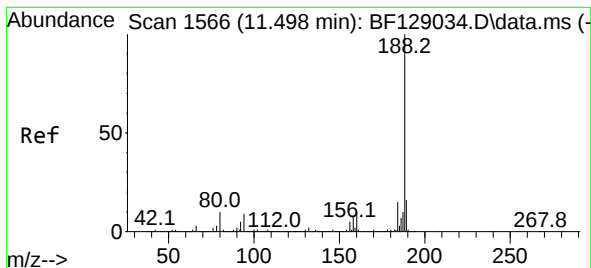
Tgt Ion:165 Resp: 101810
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.320 ng
RT: 9.974 min Scan# 1307
Delta R.T. -0.194 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

Tgt Ion:165 Resp: 101810
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.468 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129184.D

Acq: 12 Jul 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB146128BL

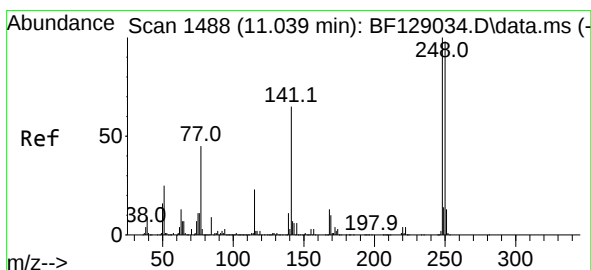
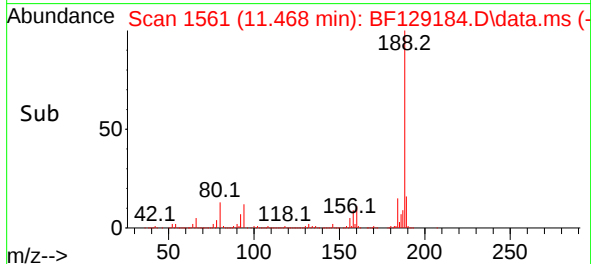
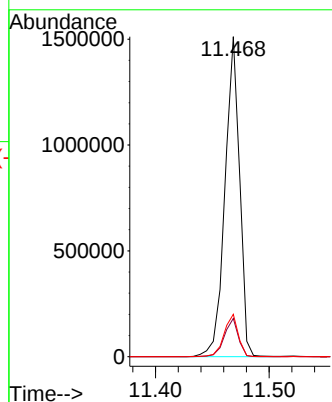
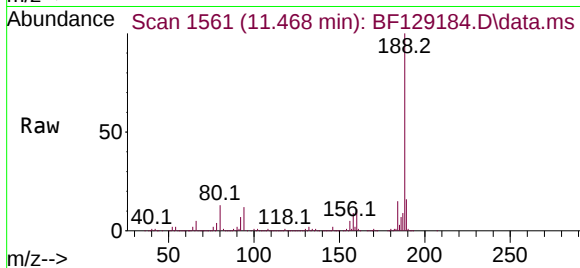
Tgt Ion:188 Resp: 1355794

Ion Ratio Lower Upper

188 100

94 12.0 7.0 10.6#

80 13.2 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.440 ng

RT: 10.774 min Scan# 1443

Delta R.T. -0.235 min

Lab File: BF129184.D

Acq: 12 Jul 2022 12:15

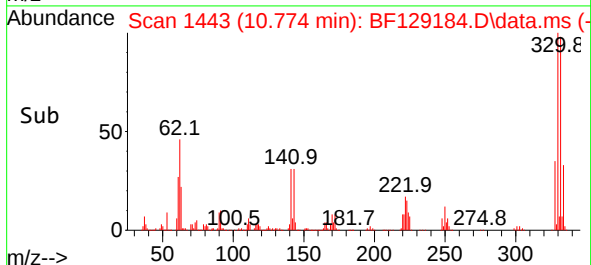
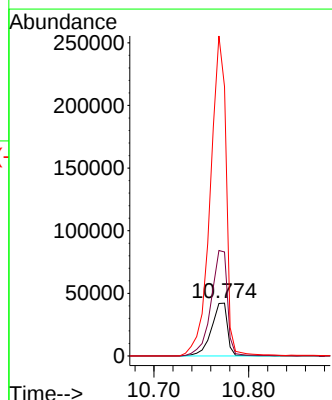
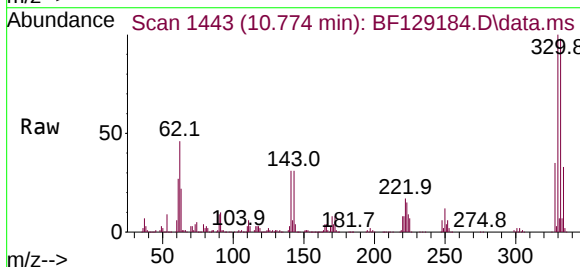
Tgt Ion:248 Resp: 49612

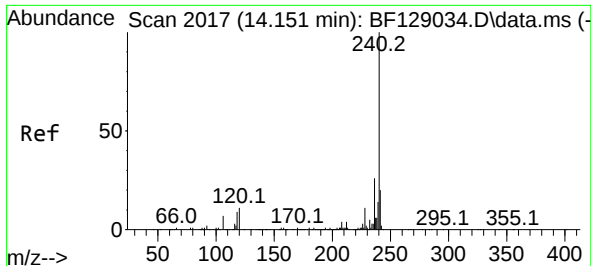
Ion Ratio Lower Upper

248 100

250 196.7 80.6 120.8#

141 509.3 58.9 88.3#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

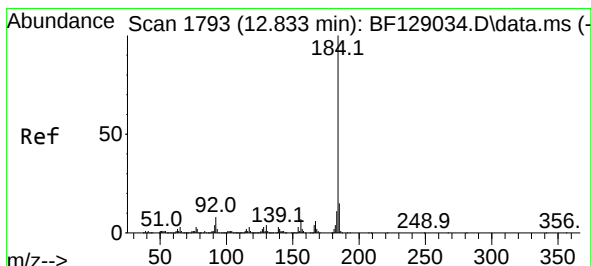
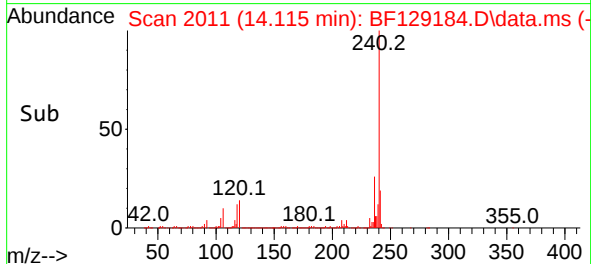
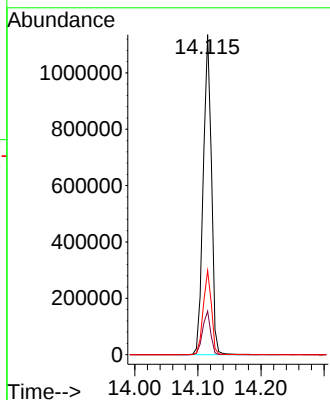
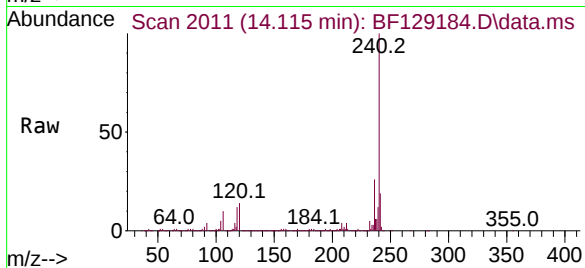
Instrument :

BNA_F

ClientSampleId :

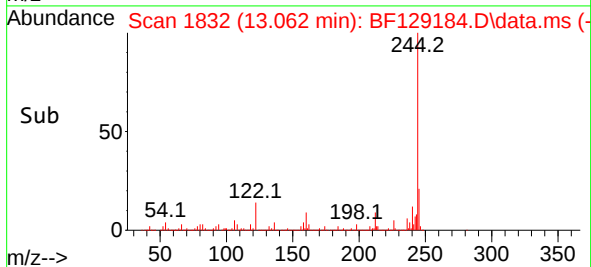
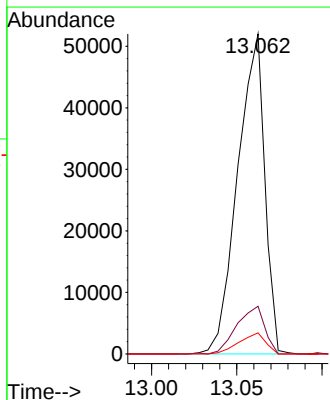
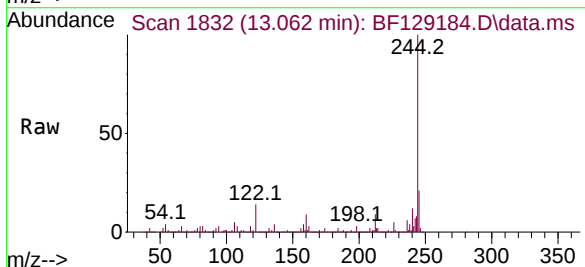
PB146128BL

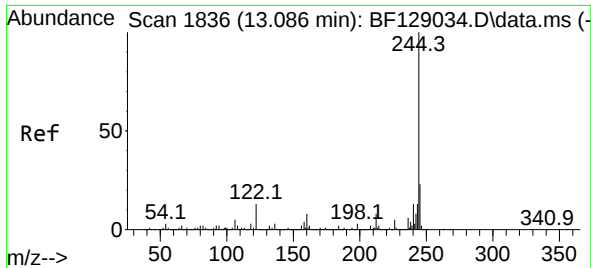
Tgt Ion:240 Resp: 1030042
Ion Ratio Lower Upper
240 100
120 13.6 8.9 13.3#
236 26.2 20.8 31.2



#77
Benzidine
Concen: 3.127 ng
RT: 13.062 min Scan# 1832
Delta R.T. 0.259 min
Lab File: BF129184.D
Acq: 12 Jul 2022 12:15

Tgt Ion:184 Resp: 57348
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 6.6 9.3 13.9#

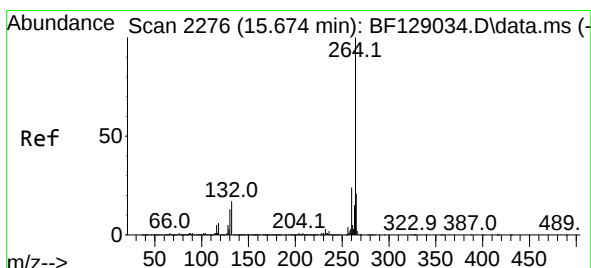
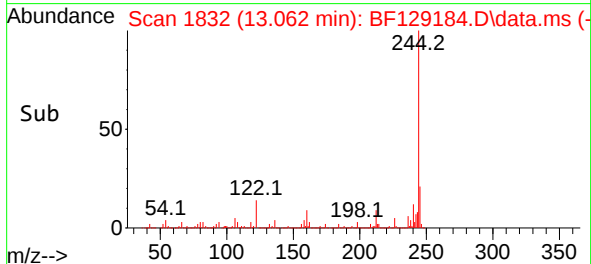
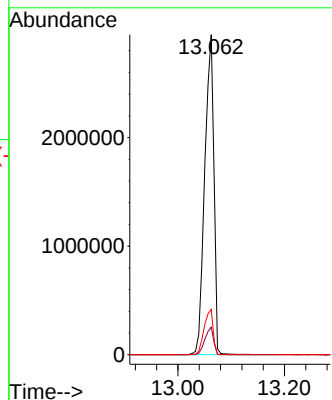
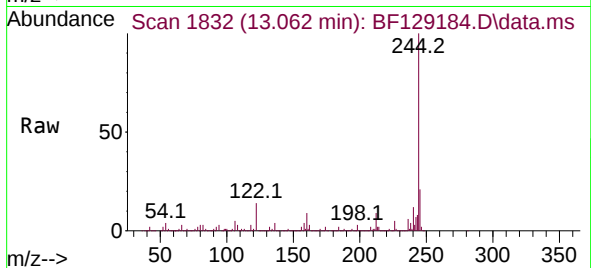




#79
 Terphenyl-d14
 Concen: 70.515 ng
 RT: 13.062 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129184.D
 Acq: 12 Jul 2022 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB146128BL

Tgt Ion:244 Resp: 3497649
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.1 9.1
 122 14.2 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BF129184.D
 Acq: 12 Jul 2022 12:15

Tgt Ion:264 Resp: 950329
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.4 27.6
 265 21.4 17.2 25.8

