

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122849.D
 Acq On : 24 Dec 2020 10:09
 Operator : JU/CG
 Sample : PB133772BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133772BL

Quant Time: Dec 24 10:57:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

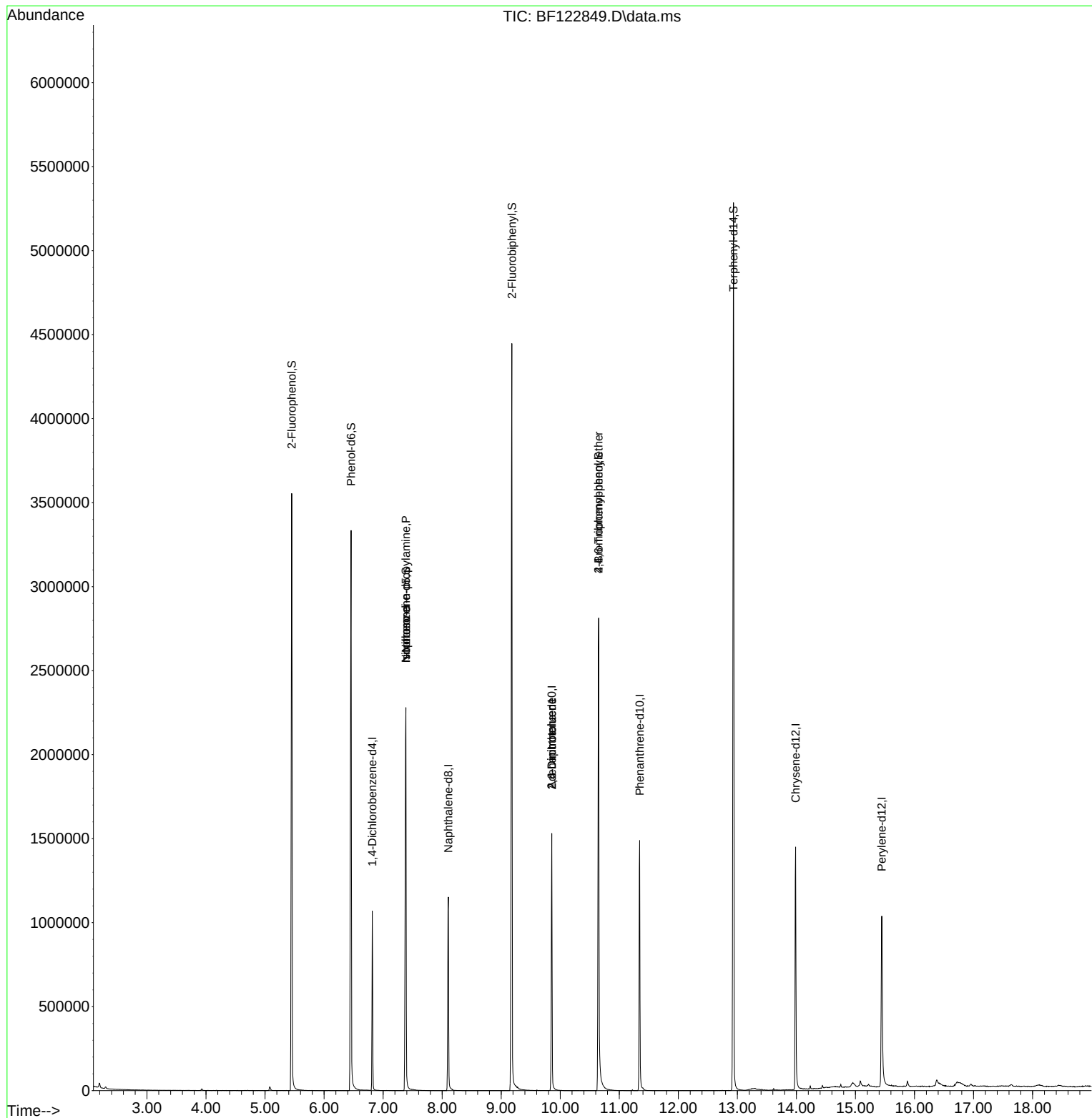
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	158407	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	648892	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	342212	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	644544	20.00	ng	0.00
76) Chrysene-d12	13.986	240	612065	20.00	ng	0.00
86) Perylene-d12	15.444	264	577930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1151040	115.04	ng	0.02
7) Phenol-d6	6.457	99	1420551	107.05	ng	0.00
23) Nitrobenzene-d5	7.386	82	932374	71.99	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	497803	111.13	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1731956	68.45	ng	0.00
79) Terphenyl-d14	12.933	244	2059041	58.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	124605	16.39	ng	Qvalue
25) Isophorone	7.386	82	932366	41.80	ng	# 76
51) 2,6-Dinitrotoluene	9.857	165	42619	7.38	ng	# 65
57) 2,4-Dinitrotoluene	9.857	165	42753	5.56	ng	# 31
67) 4-Bromophenyl-phenylether	10.651	248	32107	3.68	ng	# 25
						# 1

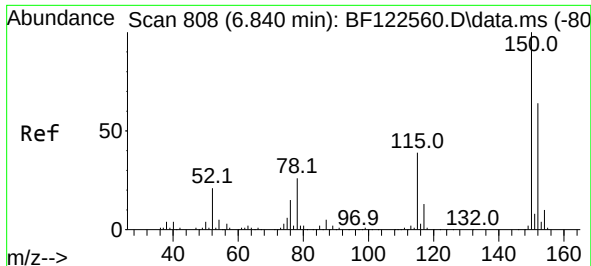
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

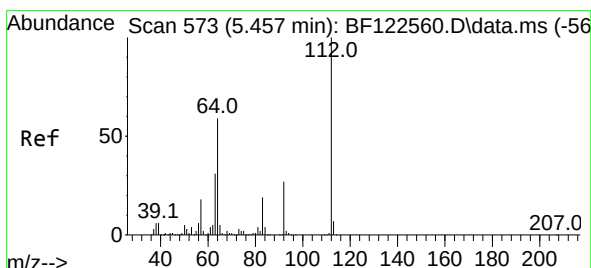
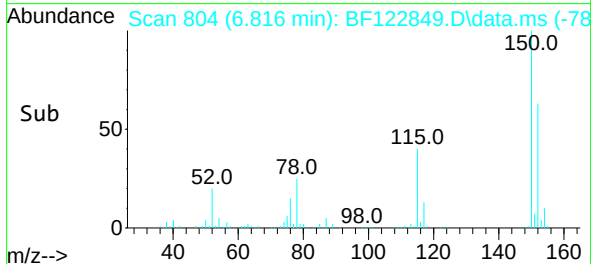
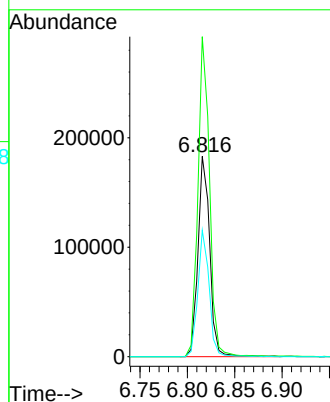
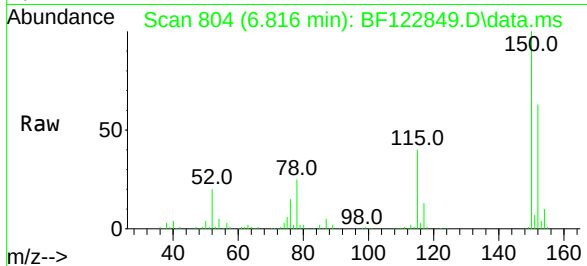




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122849.D
Acq: 24 Dec 2020 10:09

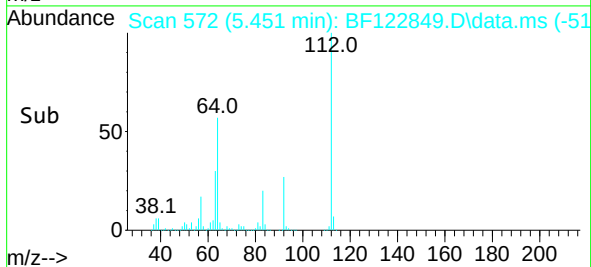
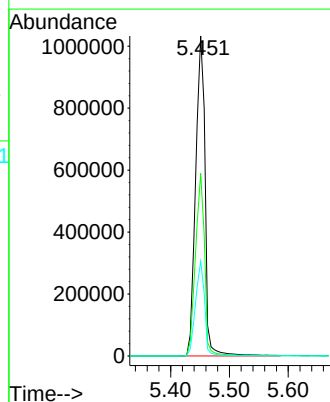
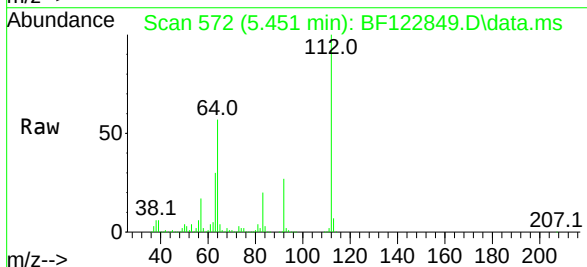
Instrument :
BNA_F
ClientSampleId :
PB133772BL

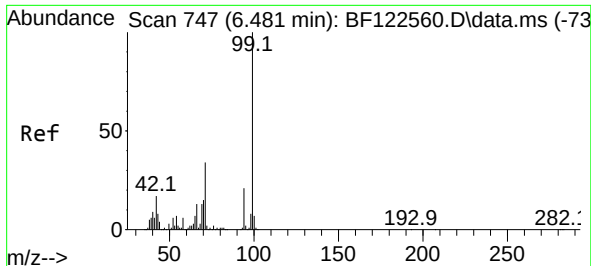
Tgt Ion:152 Resp: 158407
Ion Ratio Lower Upper
152 100
150 159.8 125.8 188.6
115 63.1 49.3 73.9



#5
2-Fluorophenol
Concen: 115.04 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF122849.D
Acq: 24 Dec 2020 10:09

Tgt Ion:112 Resp: 1151040
Ion Ratio Lower Upper
112 100
64 57.0 46.9 70.3
63 29.6 24.5 36.7

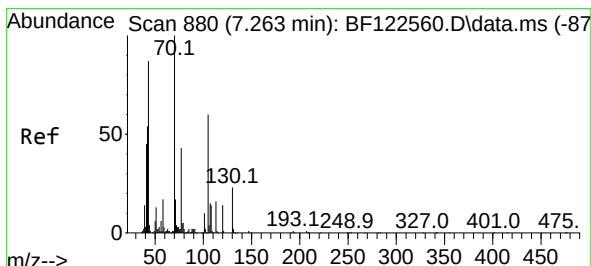
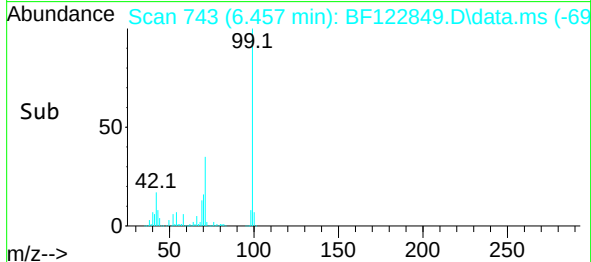
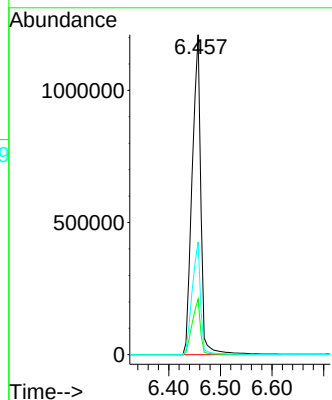
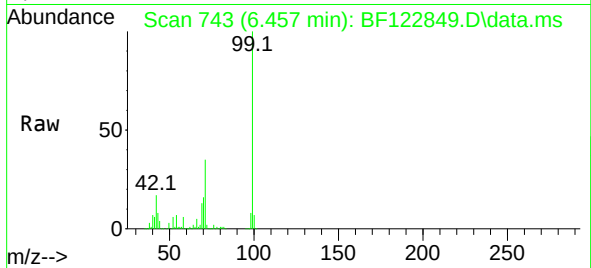




#7
Phenol-d6
Concen: 107.05 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122849.D
Acq: 24 Dec 2020 10:09

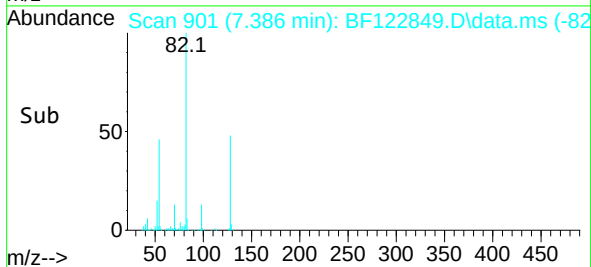
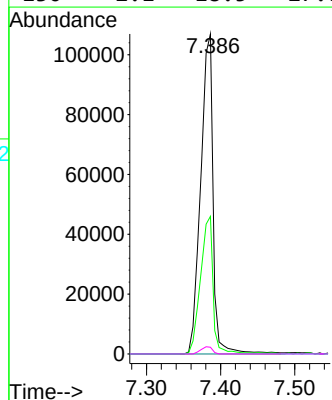
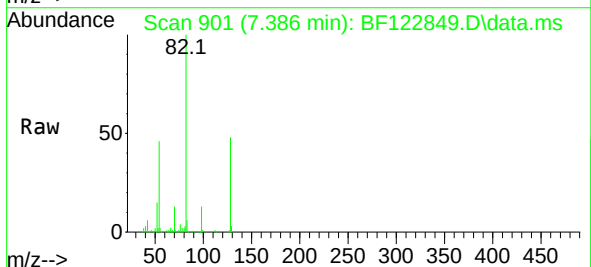
Instrument :
BNA_F
ClientSampleId :
PB133772BL

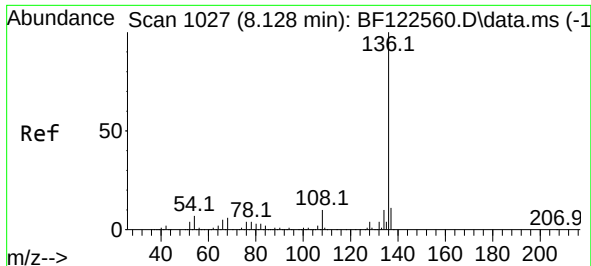
Tgt Ion: 99 Resp: 1420551
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.6
71 35.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.39 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF122849.D
Acq: 24 Dec 2020 10:09

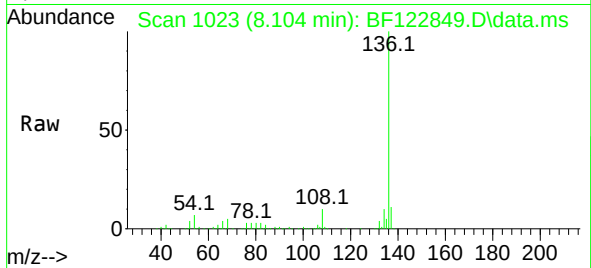
Tgt Ion: 70 Resp: 124605
Ion Ratio Lower Upper
70 100
42 43.0 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



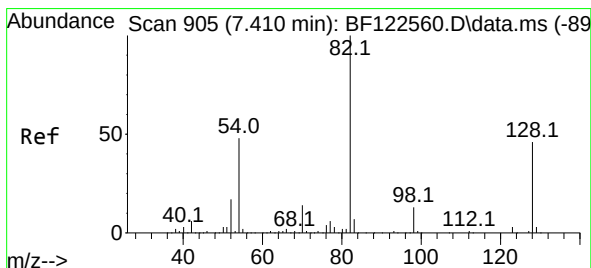
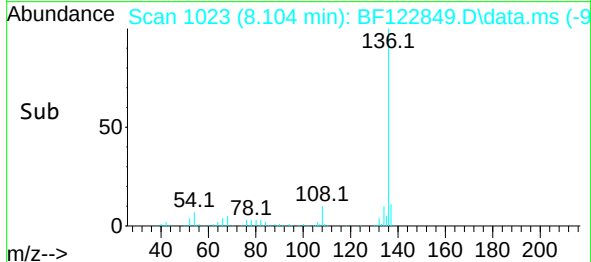
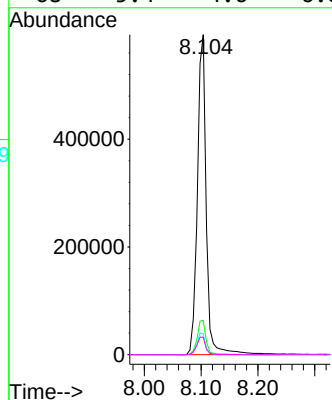


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122849.D
Acq: 24 Dec 2020 10:09

Instrument :
BNA_F
ClientSampleId :
PB133772BL

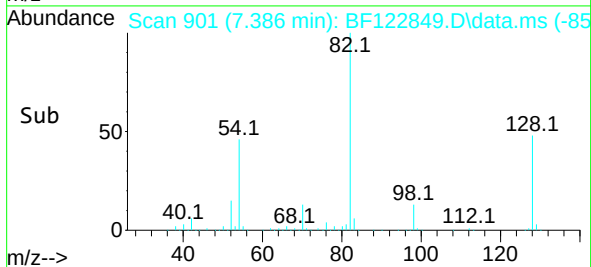
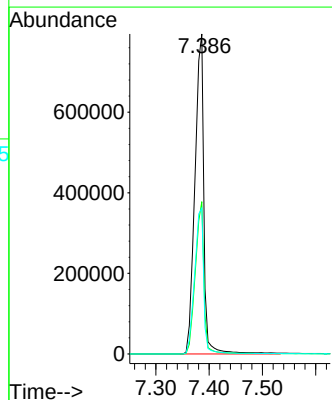
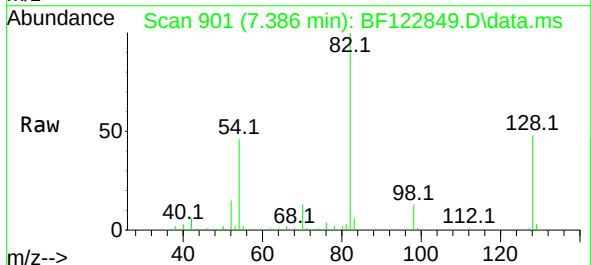


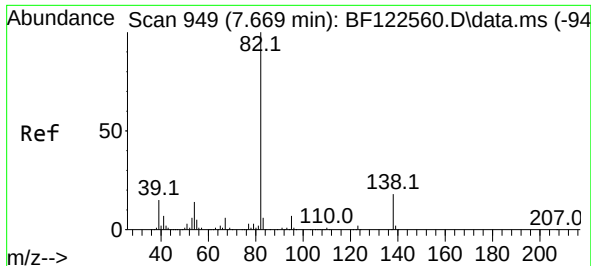
Tgt Ion:136 Resp: 648892
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.5 5.5 8.3
68 5.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 71.99 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122849.D
Acq: 24 Dec 2020 10:09

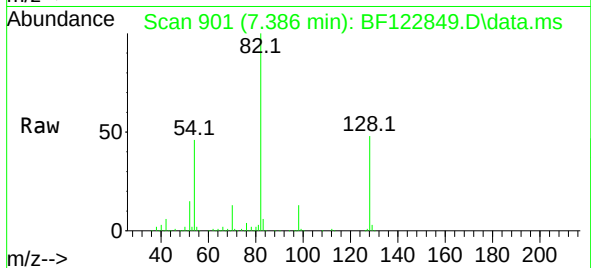
Tgt Ion: 82 Resp: 932374
Ion Ratio Lower Upper
82 100
128 47.6 37.0 55.4
54 45.6 38.4 57.6



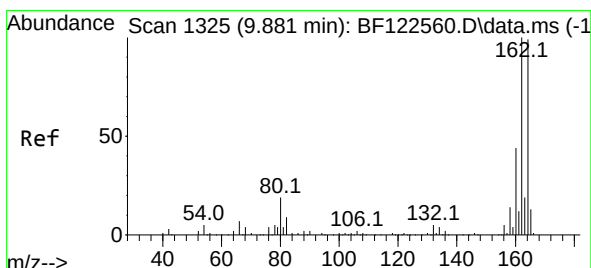
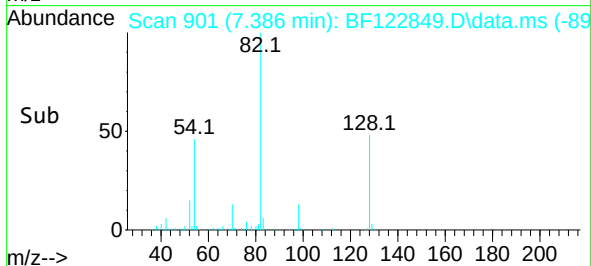
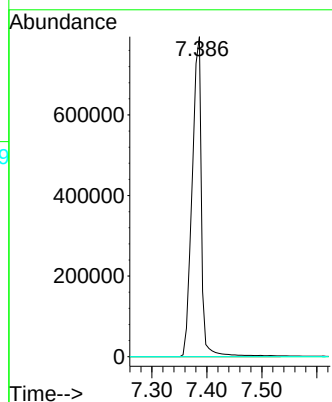


#25
Isophorone
Concen: 41.80 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF122849.D
Acq: 24 Dec 2020 10:09

Instrument :
BNA_F
ClientSampleId :
PB133772BL

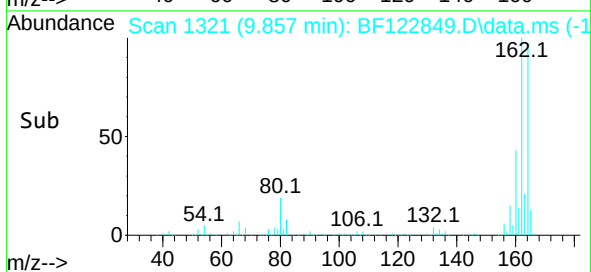
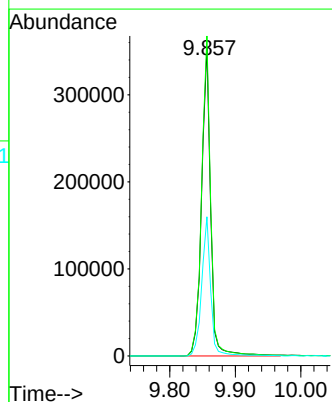
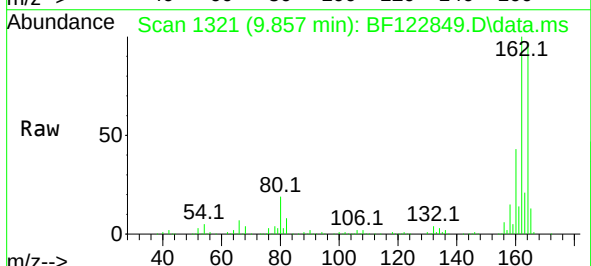


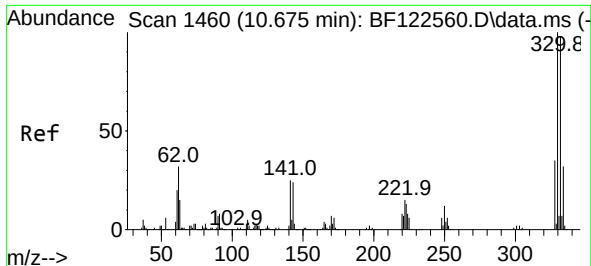
Tgt Ion: 82 Resp: 932366
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122849.D
Acq: 24 Dec 2020 10:09

Tgt Ion: 164 Resp: 342212
Ion Ratio Lower Upper
164 100
162 103.6 80.8 121.2
160 45.1 35.4 53.0

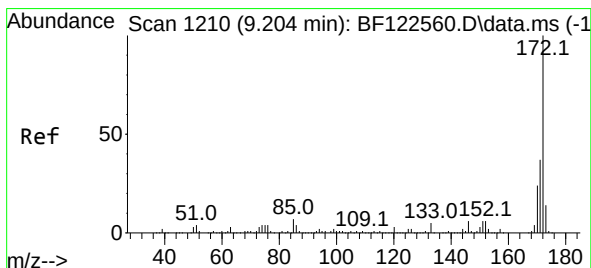
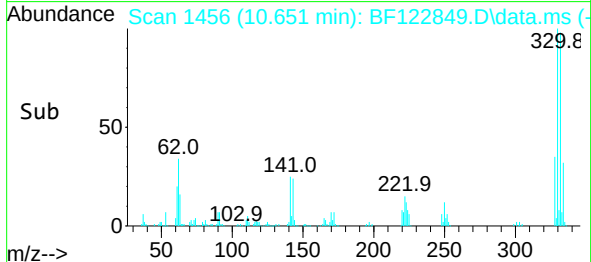
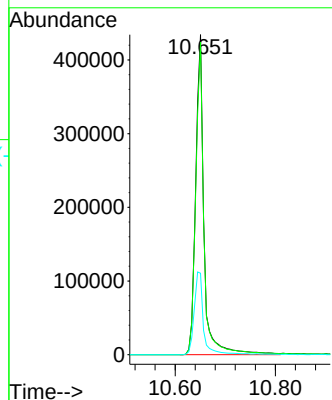
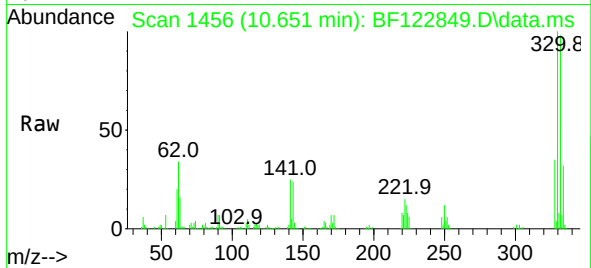




#42
 2,4,6-Tribromophenol
 Concen: 111.13 ng
 RT: 10.651 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BF122849.D
 Acq: 24 Dec 2020 10:09

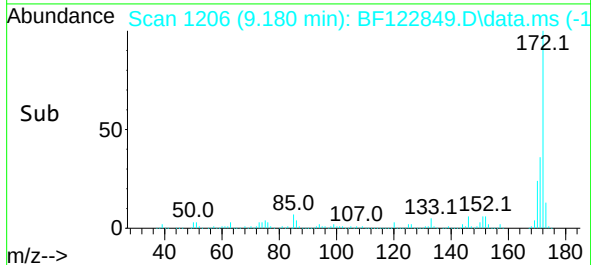
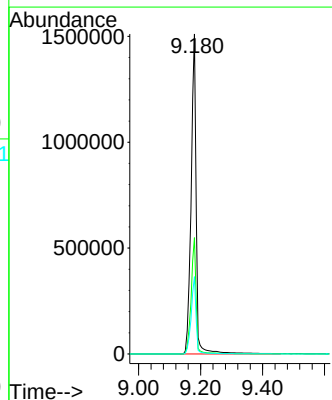
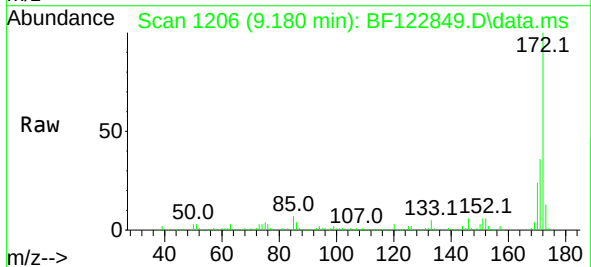
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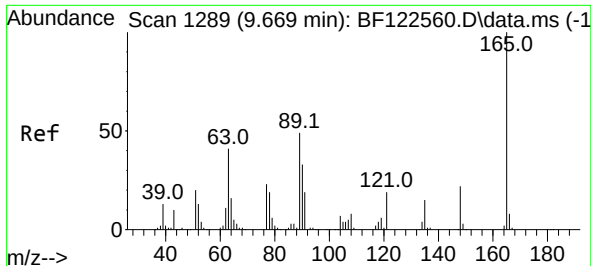
Tgt Ion:330 Resp: 497803
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.5 116.3
 141 28.9 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 68.45 ng
 RT: 9.180 min Scan# 1206
 Delta R.T. -0.006 min
 Lab File: BF122849.D
 Acq: 24 Dec 2020 10:09

Tgt Ion:172 Resp: 1731956
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 19.5 29.3

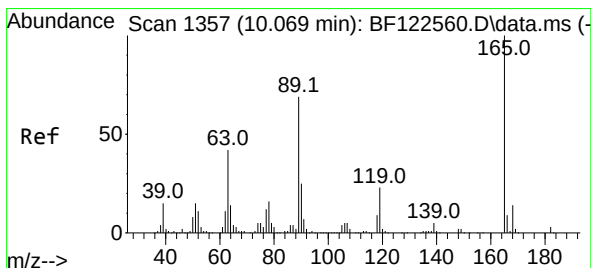
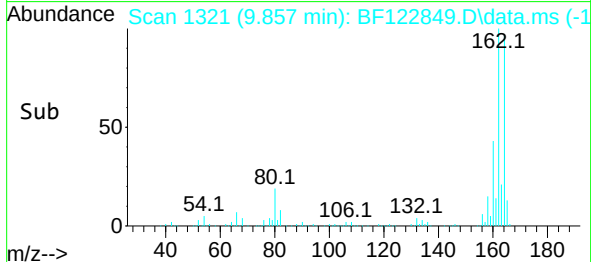
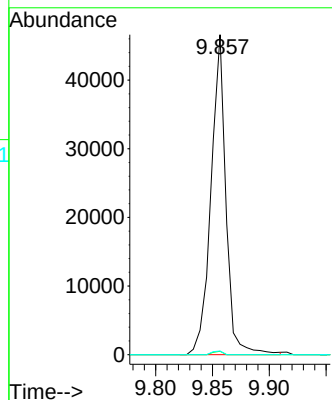
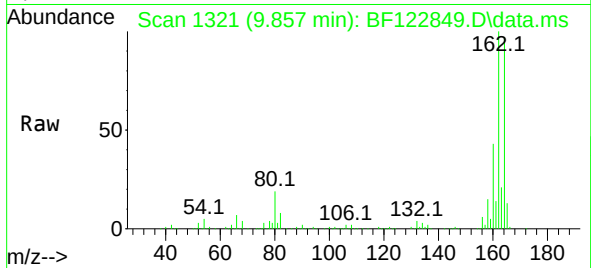




#51
2,6-Dinitrotoluene
Concen: 7.38 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122849.D
Acq: 24 Dec 2020 10:09

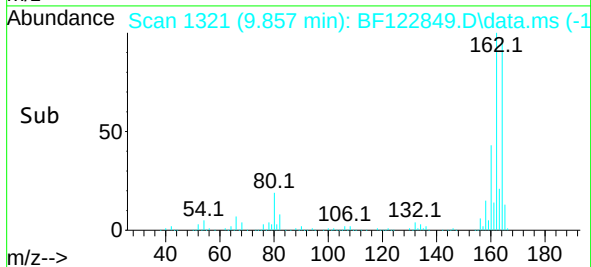
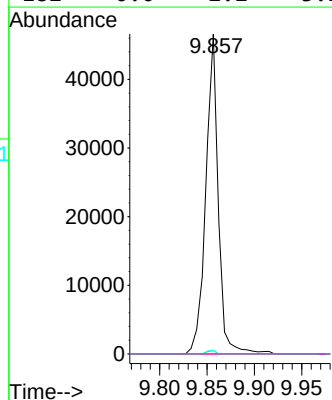
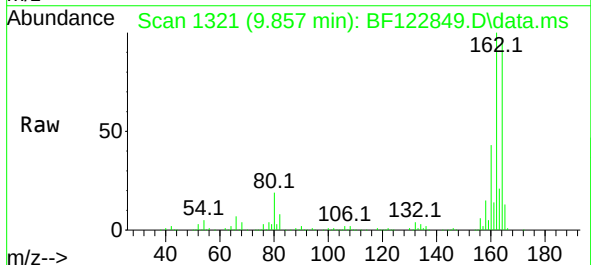
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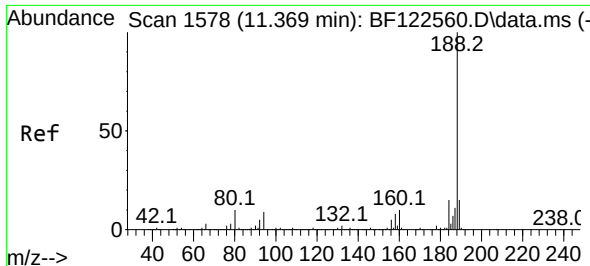
Tgt Ion:165 Resp: 42619
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.195 min
Lab File: BF122849.D
Acq: 24 Dec 2020 10:09

Tgt Ion:165 Resp: 42753
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

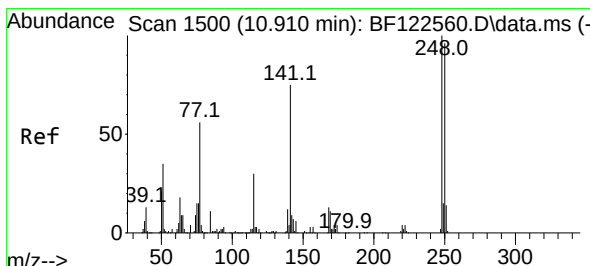
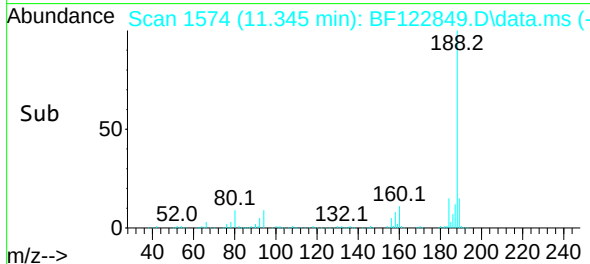
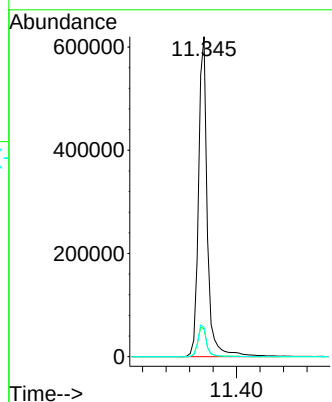
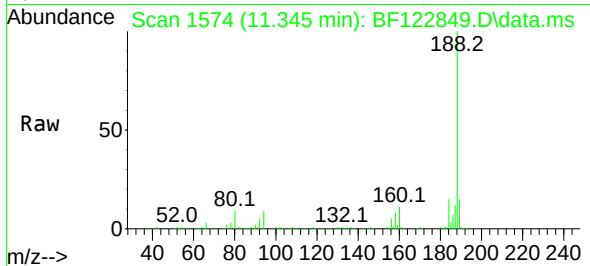




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122849.D
Acq: 24 Dec 2020 10:09

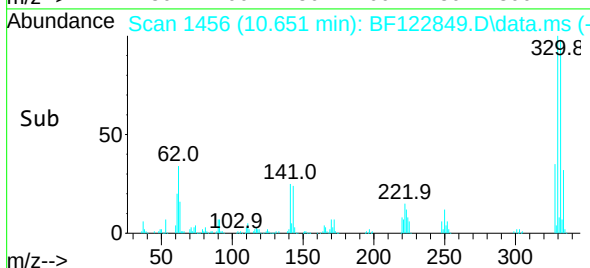
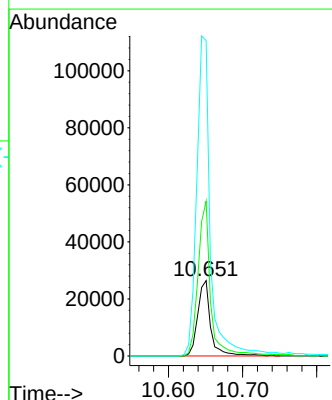
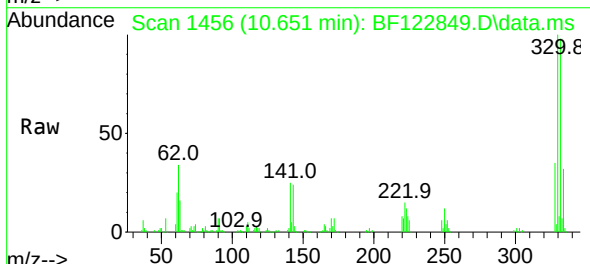
Instrument :
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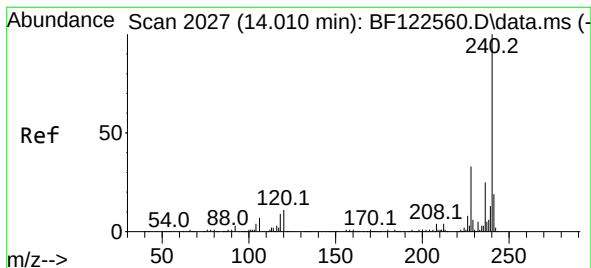
Tgt Ion:188 Resp: 644544
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.242 min
Lab File: BF122849.D
Acq: 24 Dec 2020 10:09

Tgt Ion:248 Resp: 32107
Ion Ratio Lower Upper
248 100
250 205.3 76.8 115.2#
141 418.7 59.8 89.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF122849.D

Acq: 24 Dec 2020 10:09

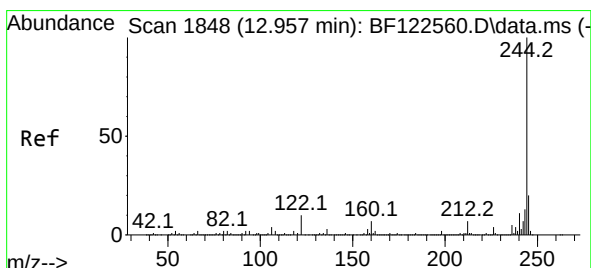
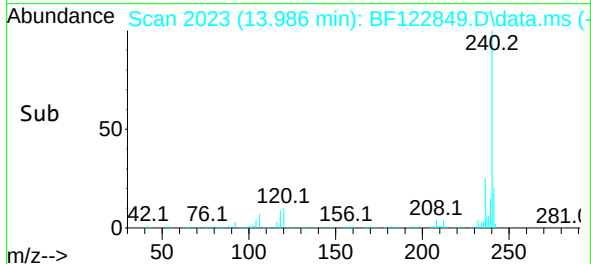
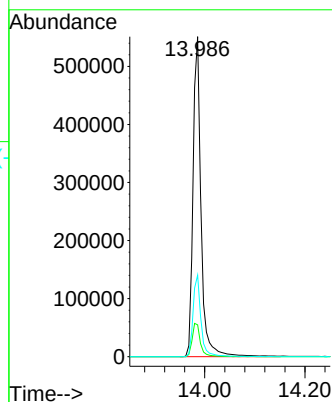
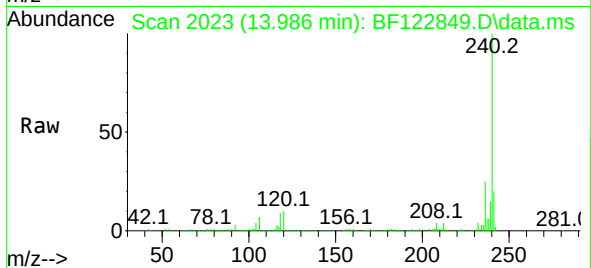
Tgt Ion:240 Resp: 612065

Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 25.5 20.3 30.5



#79

Terphenyl-d14

Concen: 58.89 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF122849.D

Acq: 24 Dec 2020 10:09

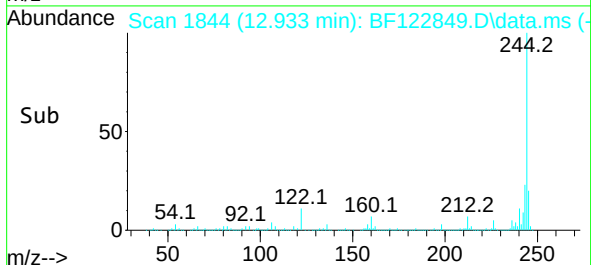
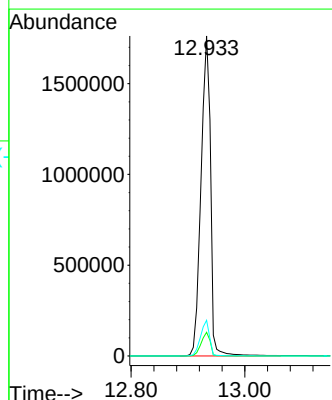
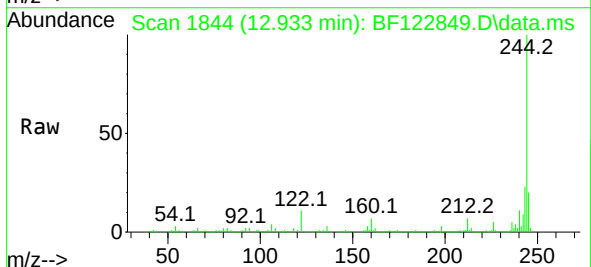
Tgt Ion:244 Resp: 2059041

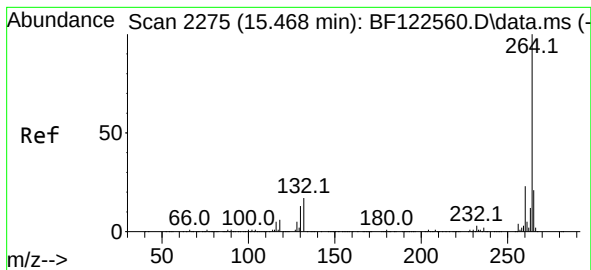
Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 11.1 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.444 min Scan# 2271
 Delta R.T. 0.005 min
 Lab File: BF122849.D
 Acq: 24 Dec 2020 10:09

Instrument :
 BNA_F
 ClientSampleId :
 PB133772BL

Tgt Ion:264 Resp: 577930
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 21.8 17.0 25.6

