

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127115.D
 Acq On : 01 Mar 2022 14:35
 Operator : CG\JU
 Sample : PB142971BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142971BL

Quant Time: Mar 02 00:00:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

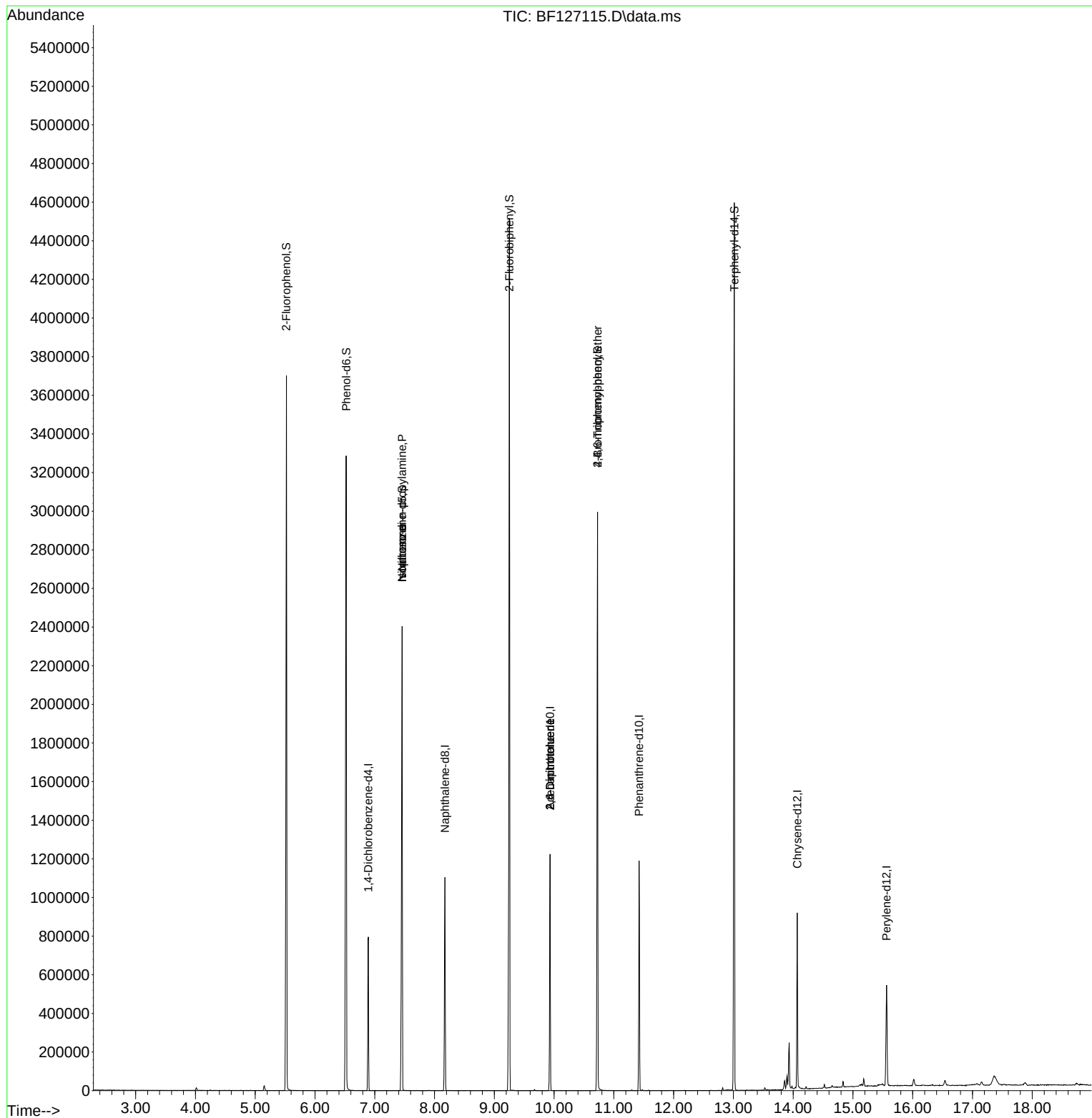
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	113731	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	456723	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	231467	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	401624	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	266257	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	213154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	926875	125.960	ng	0.01
7) Phenol-d6	6.522	99	1203548	121.213	ng	0.00
23) Nitrobenzene-d5	7.457	82	833365	82.360	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	356767	133.870	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1341392	85.314	ng	0.00
79) Terphenyl-d14	13.015	244	1535220	84.761	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	112852	17.638	ng	# 79
25) Isophorone	7.457	82	832367	49.713	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	29300	8.704	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	29300	6.438	ng	# 15
67) 4-Bromophenyl-phenylether	10.727	248	21305	4.748	ng	# 1

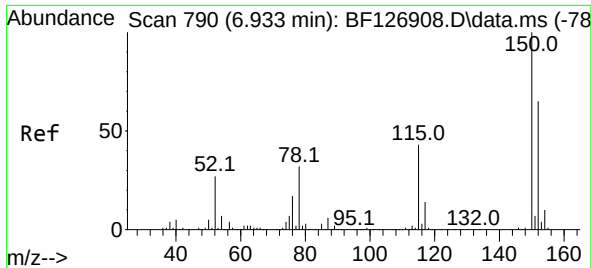
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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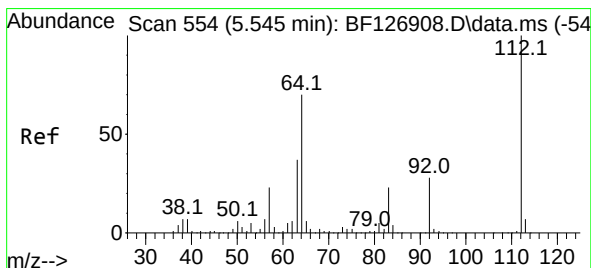
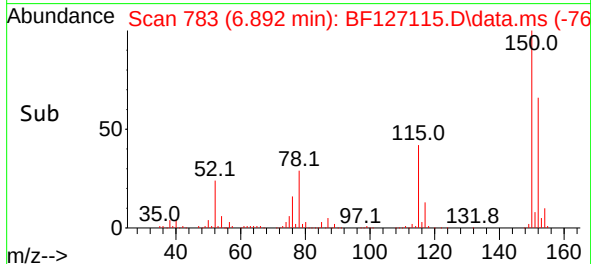
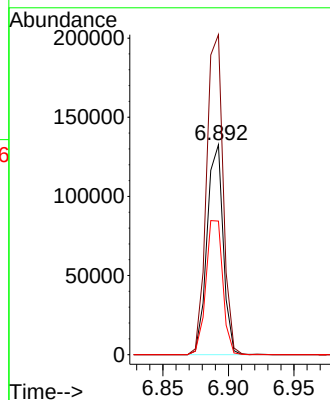
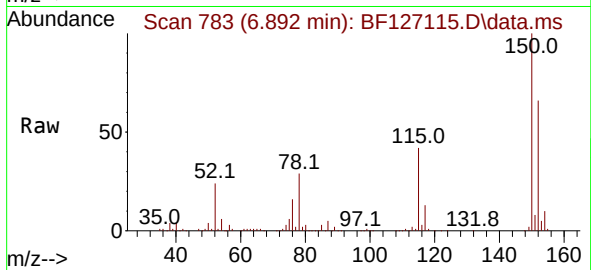




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF127115.D
Acq: 01 Mar 2022 14:35

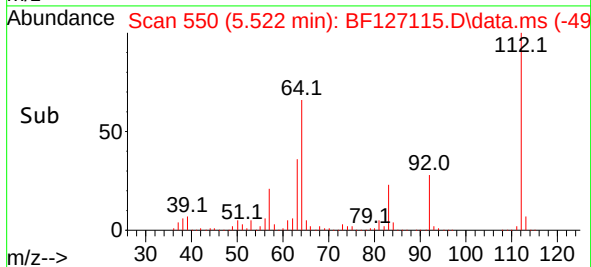
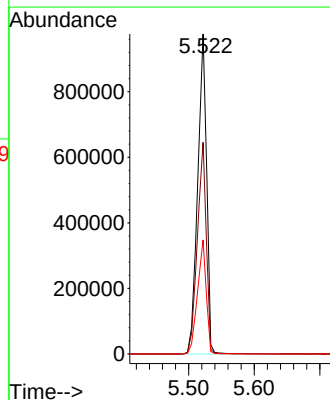
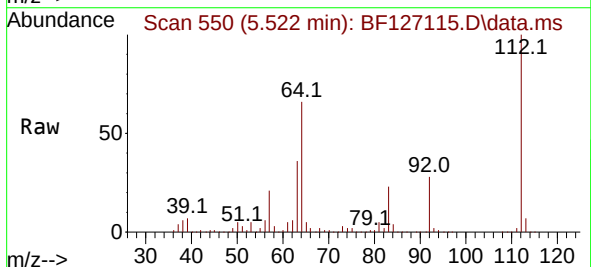
Instrument :
BNA_F
ClientSampleId :
PB142971BL

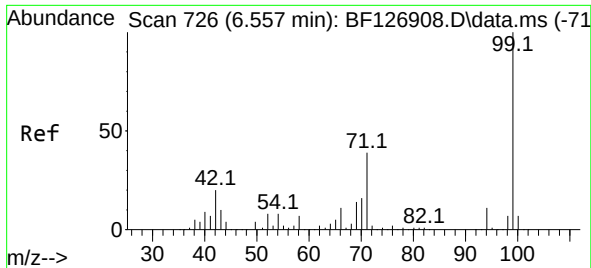
Tgt Ion:152 Resp: 113731
Ion Ratio Lower Upper
152 100
150 152.4 128.1 192.1
115 63.6 56.7 85.1



#5
2-Fluorophenol
Concen: 125.960 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF127115.D
Acq: 01 Mar 2022 14:35

Tgt Ion:112 Resp: 926875
Ion Ratio Lower Upper
112 100
64 66.1 49.5 74.3
63 35.7 23.9 35.9

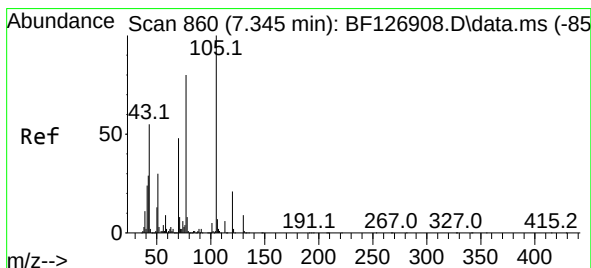
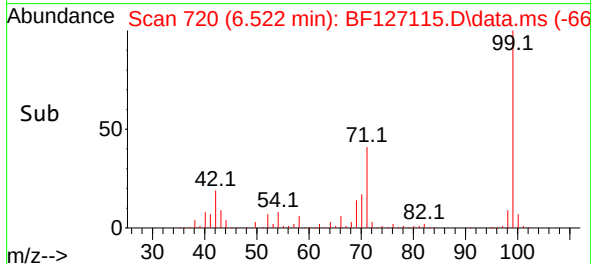
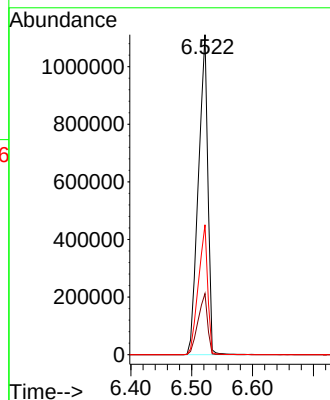
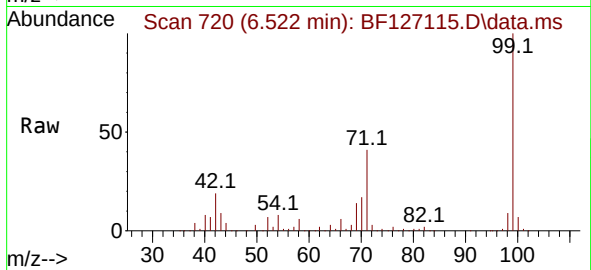




#7
Phenol-d6
Concen: 121.213 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127115.D
Acq: 01 Mar 2022 14:35

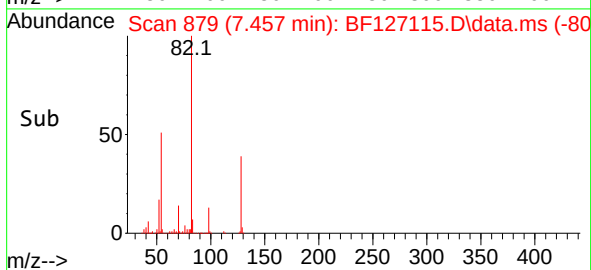
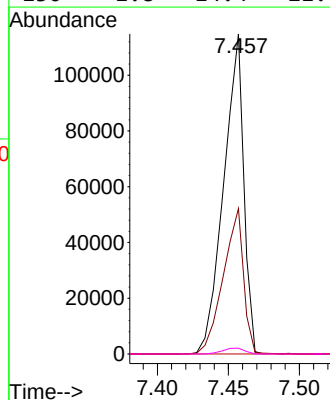
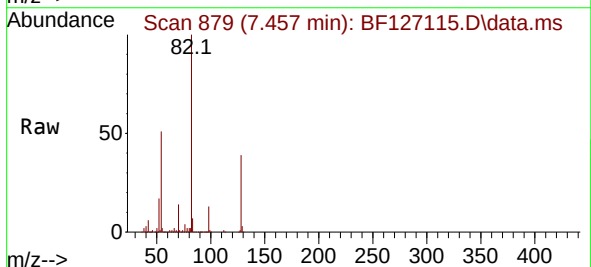
Instrument :
BNA_F
ClientSampleId :
PB142971BL

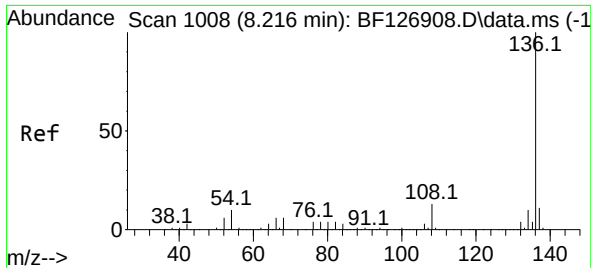
Tgt Ion: 99 Resp: 1203548
Ion Ratio Lower Upper
99 100
42 19.1 14.2 21.4
71 40.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.638 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.153 min
Lab File: BF127115.D
Acq: 01 Mar 2022 14:35

Tgt Ion: 70 Resp: 112852
Ion Ratio Lower Upper
70 100
42 45.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

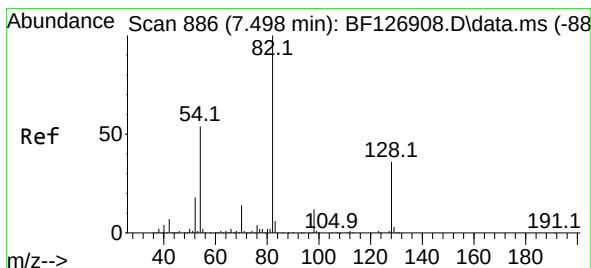
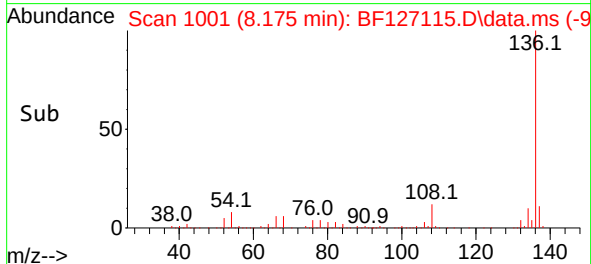
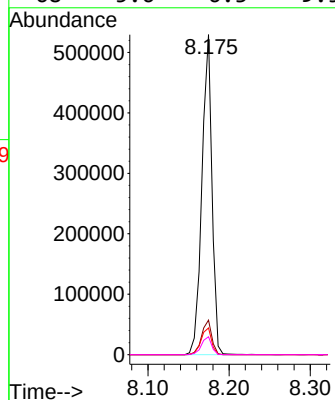
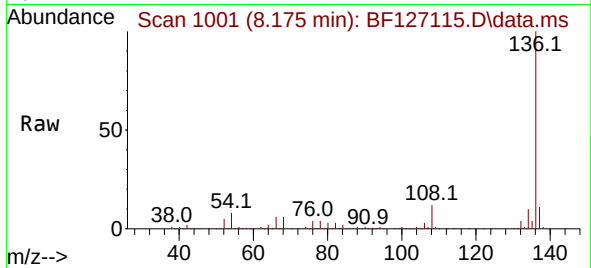




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF127115.D
Acq: 01 Mar 2022 14:35

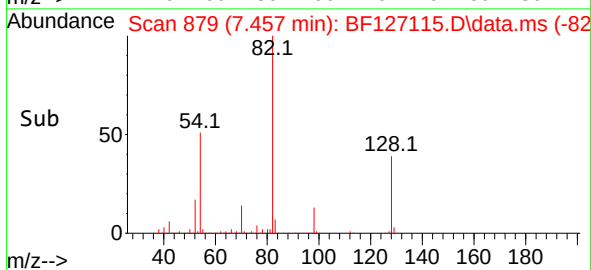
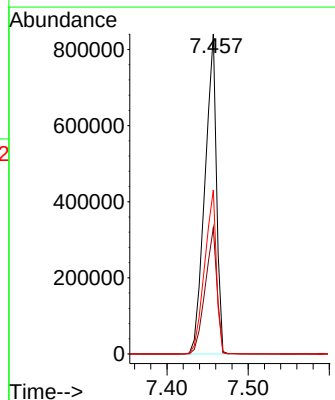
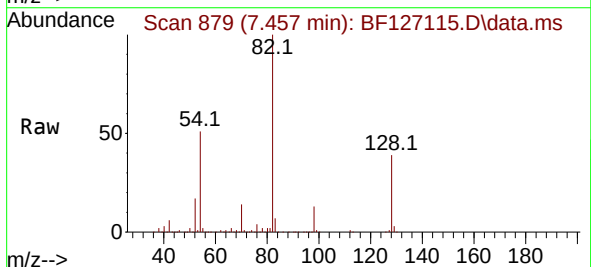
Instrument :
BNA_F
ClientSampleId :
PB142971BL

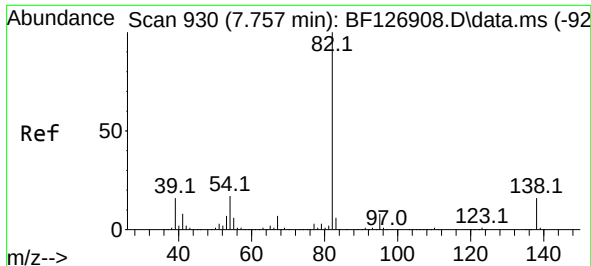
Tgt Ion:136 Resp: 456723
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 7.8 11.6
68 5.6 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 82.360 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127115.D
Acq: 01 Mar 2022 14:35

Tgt Ion: 82 Resp: 833365
Ion Ratio Lower Upper
82 100
128 39.5 32.7 49.1
54 51.2 41.7 62.5

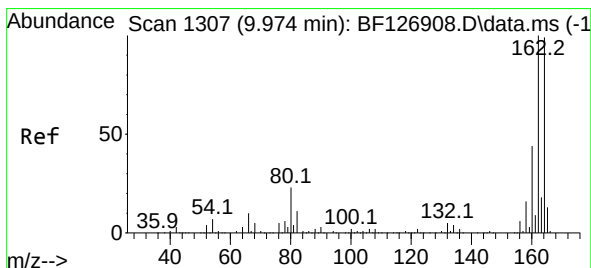
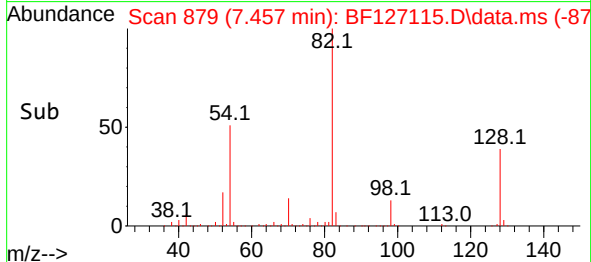
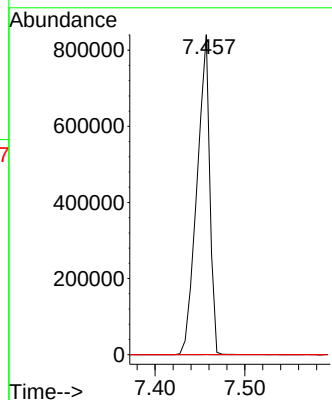
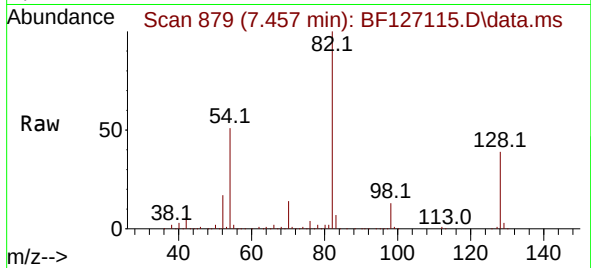




#25
Isophorone
Concen: 49.713 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127115.D
Acq: 01 Mar 2022 14:35

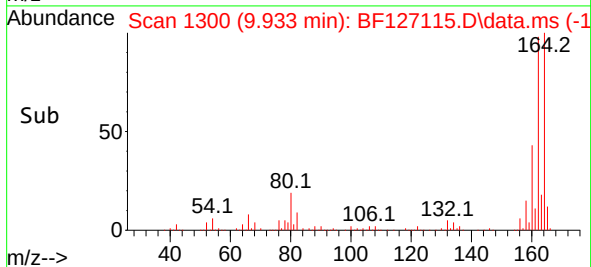
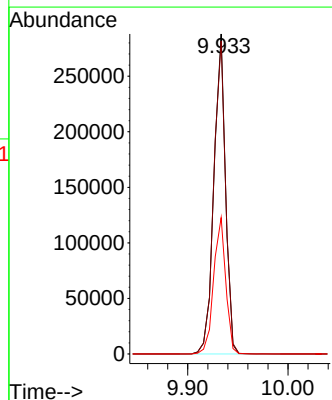
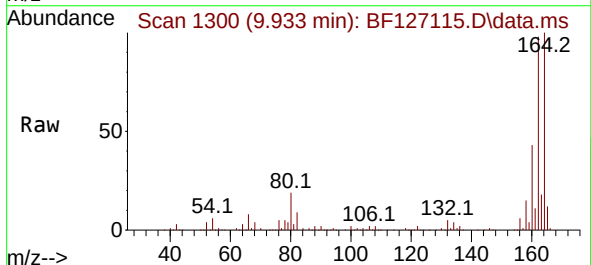
Instrument :
BNA_F
ClientSampleId :
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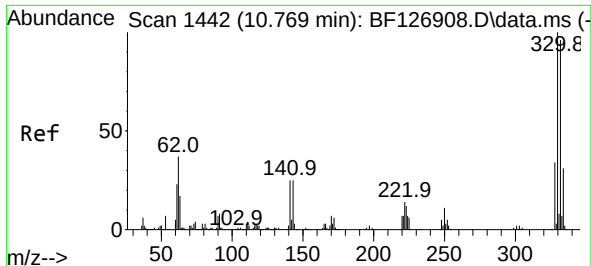
Tgt Ion: 82 Resp: 832367
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127115.D
Acq: 01 Mar 2022 14:35

Tgt Ion:164 Resp: 231467
Ion Ratio Lower Upper
164 100
162 97.8 81.4 122.0
160 42.6 36.6 54.8

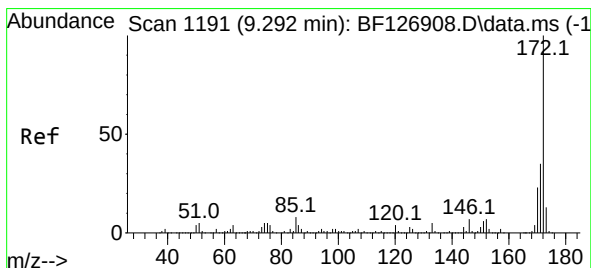
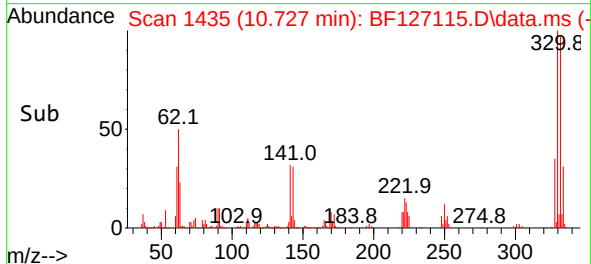
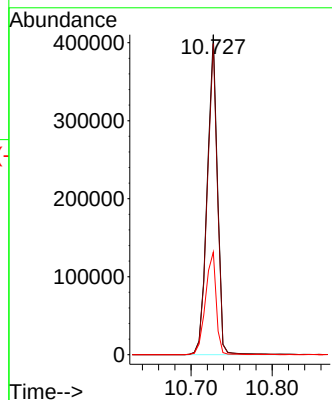
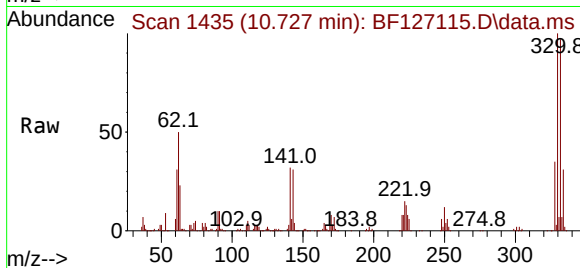




#42
2,4,6-Tribromophenol
Concen: 133.870 ng
RT: 10.727 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127115.D
Acq: 01 Mar 2022 14:35

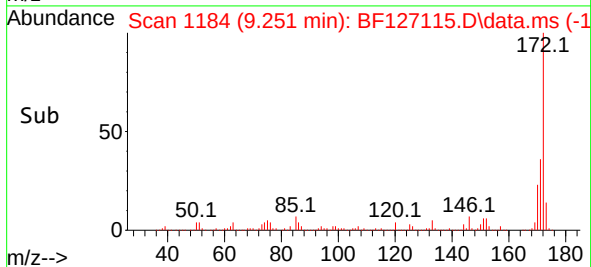
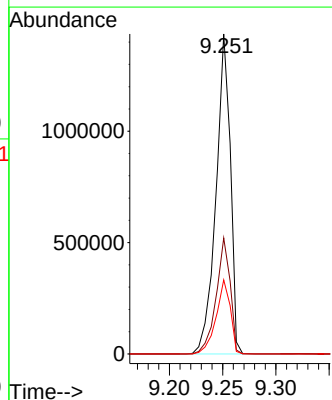
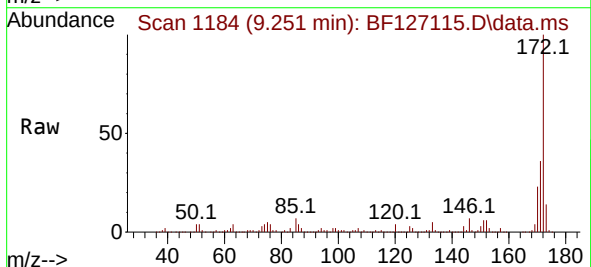
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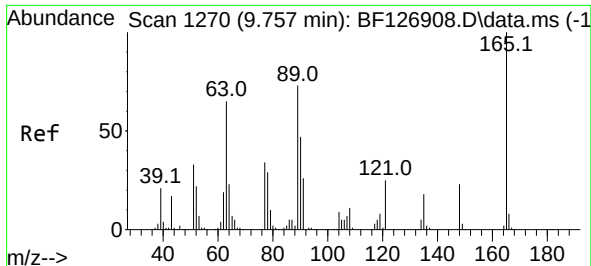
Tgt Ion: 330 Resp: 356767
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 33.8 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 85.314 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF127115.D
Acq: 01 Mar 2022 14:35

Tgt Ion: 172 Resp: 1341392
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.1 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.704 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF127115.D

Acq: 01 Mar 2022 14:35

Instrument :

BNA_F

ClientSampleId :

PB142971BL

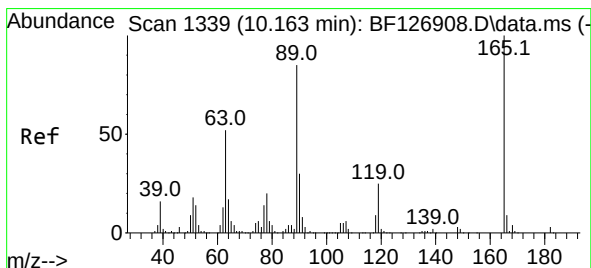
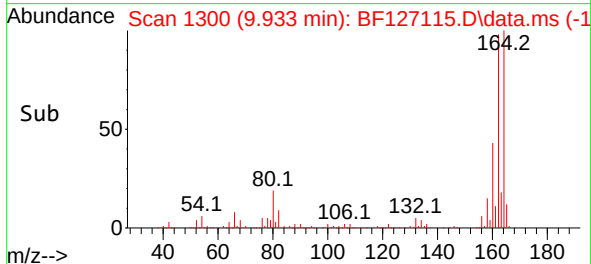
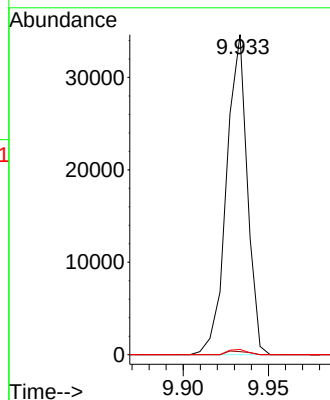
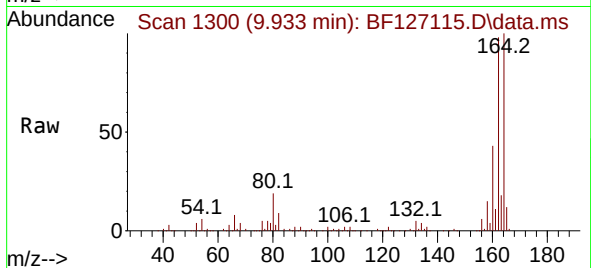
Tgt Ion:165 Resp: 29300

Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.6 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.438 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.194 min

Lab File: BF127115.D

Acq: 01 Mar 2022 14:35

Tgt Ion:165 Resp: 29300

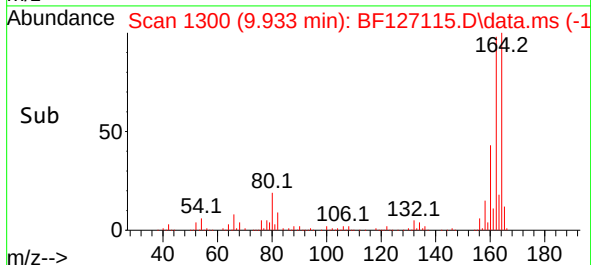
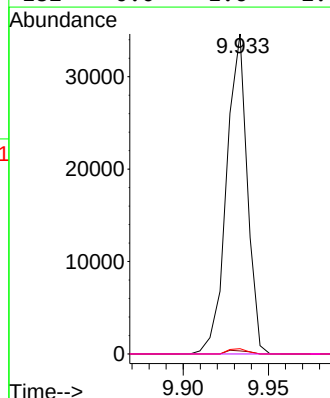
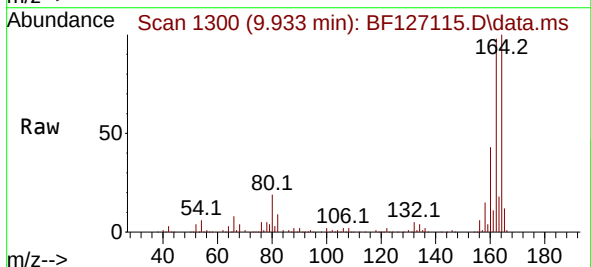
Ion Ratio Lower Upper

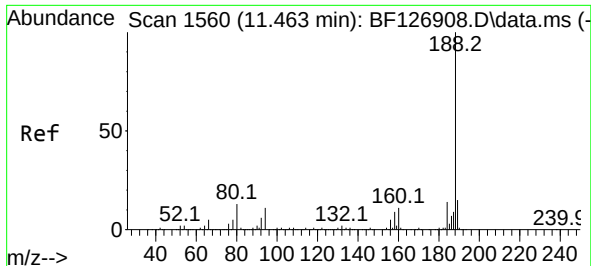
165 100

63 1.0 43.0 64.6#

89 1.6 71.0 106.4#

182 0.0 1.6 2.4#

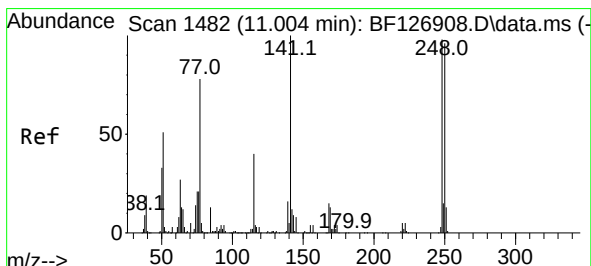
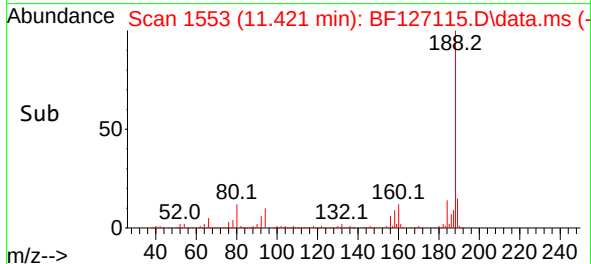
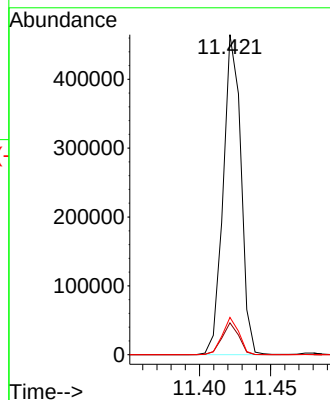
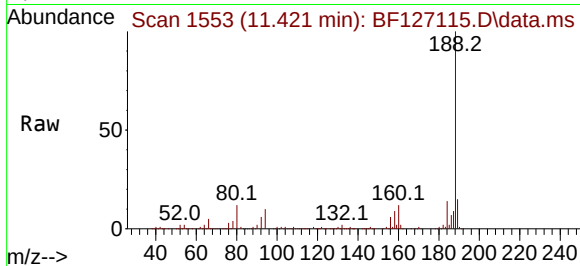




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127115.D
Acq: 01 Mar 2022 14:35

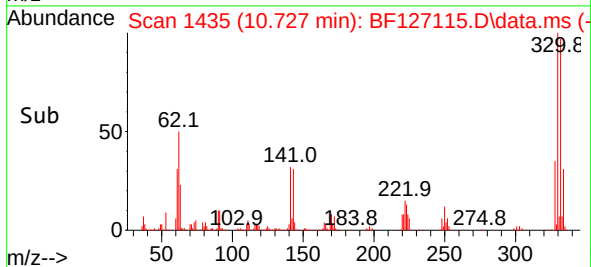
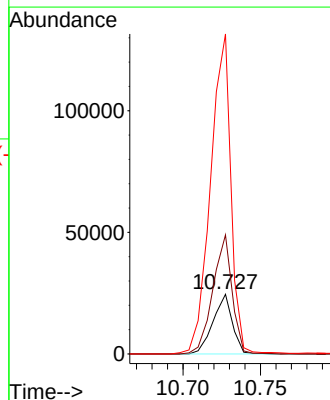
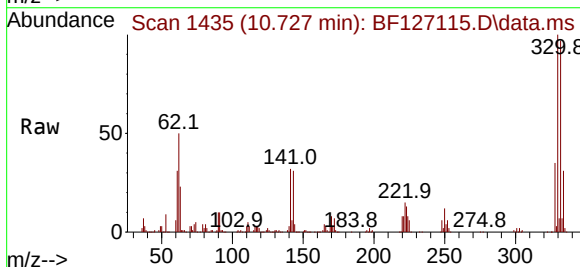
Instrument :
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PB142971BL

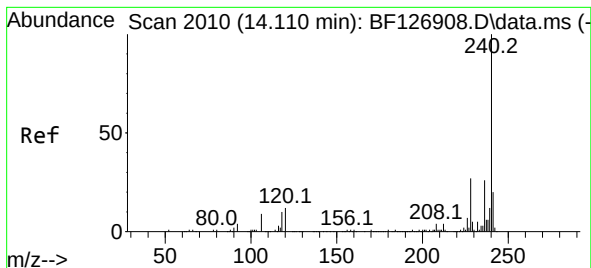
Tgt Ion:188 Resp: 401624
Ion Ratio Lower Upper
188 100
94 10.0 10.1 15.1#
80 11.6 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.748 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF127115.D
Acq: 01 Mar 2022 14:35

Tgt Ion:248 Resp: 21305
Ion Ratio Lower Upper
248 100
250 199.2 76.2 114.4#
141 535.4 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF127115.D

Acq: 01 Mar 2022 14:35

Instrument :

BNA_F

ClientSampleId :

PB142971BL

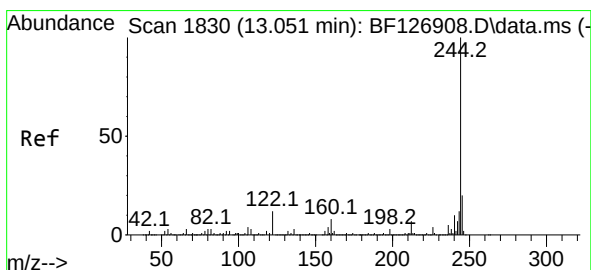
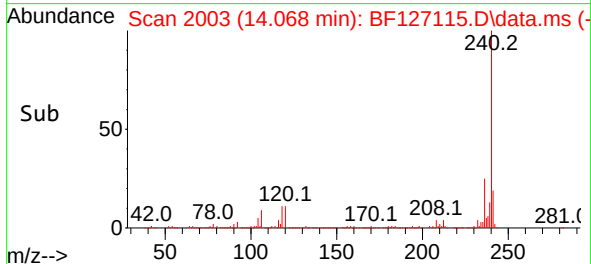
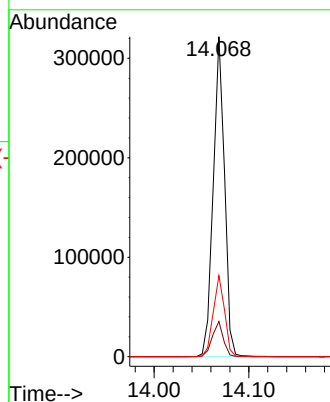
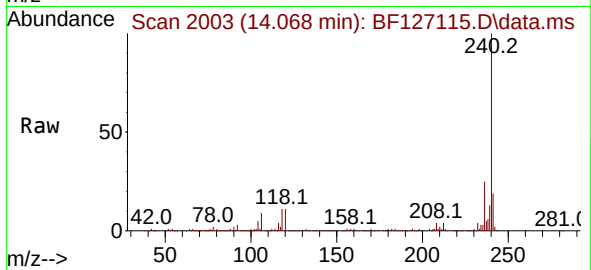
Tgt Ion:240 Resp: 266257

Ion Ratio Lower Upper

240 100

120 11.0 14.4 21.6#

236 25.4 20.5 30.7



#79

Terphenyl-d14

Concen: 84.761 ng

RT: 13.015 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF127115.D

Acq: 01 Mar 2022 14:35

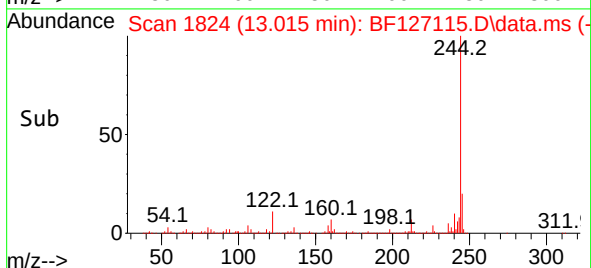
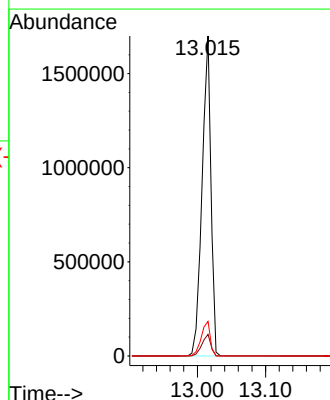
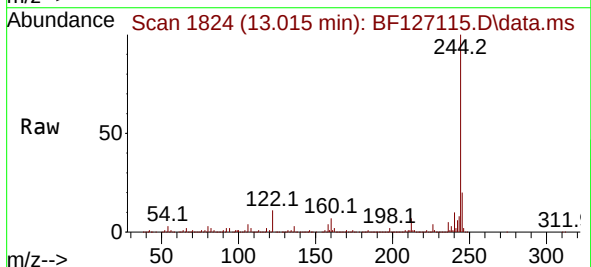
Tgt Ion:244 Resp: 1535220

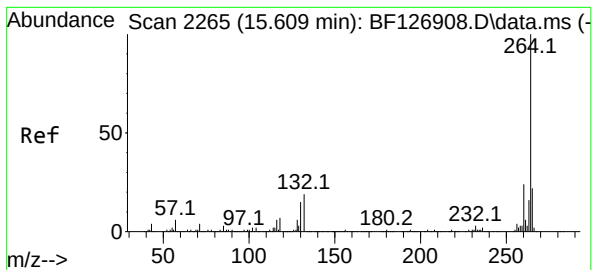
Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

122 10.8 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127115.D
 Acq: 01 Mar 2022 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB142971BL

Tgt Ion:264	Resp:	213154
Ion Ratio	Lower	Upper
264	100	
260	22.3	19.2 28.8
265	20.7	17.4 26.2

