

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129312.D
 Acq On : 22 Jul 2022 13:08
 Operator : CG\JU
 Sample : PB145957BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145957BL

Quant Time: Jul 22 13:30:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

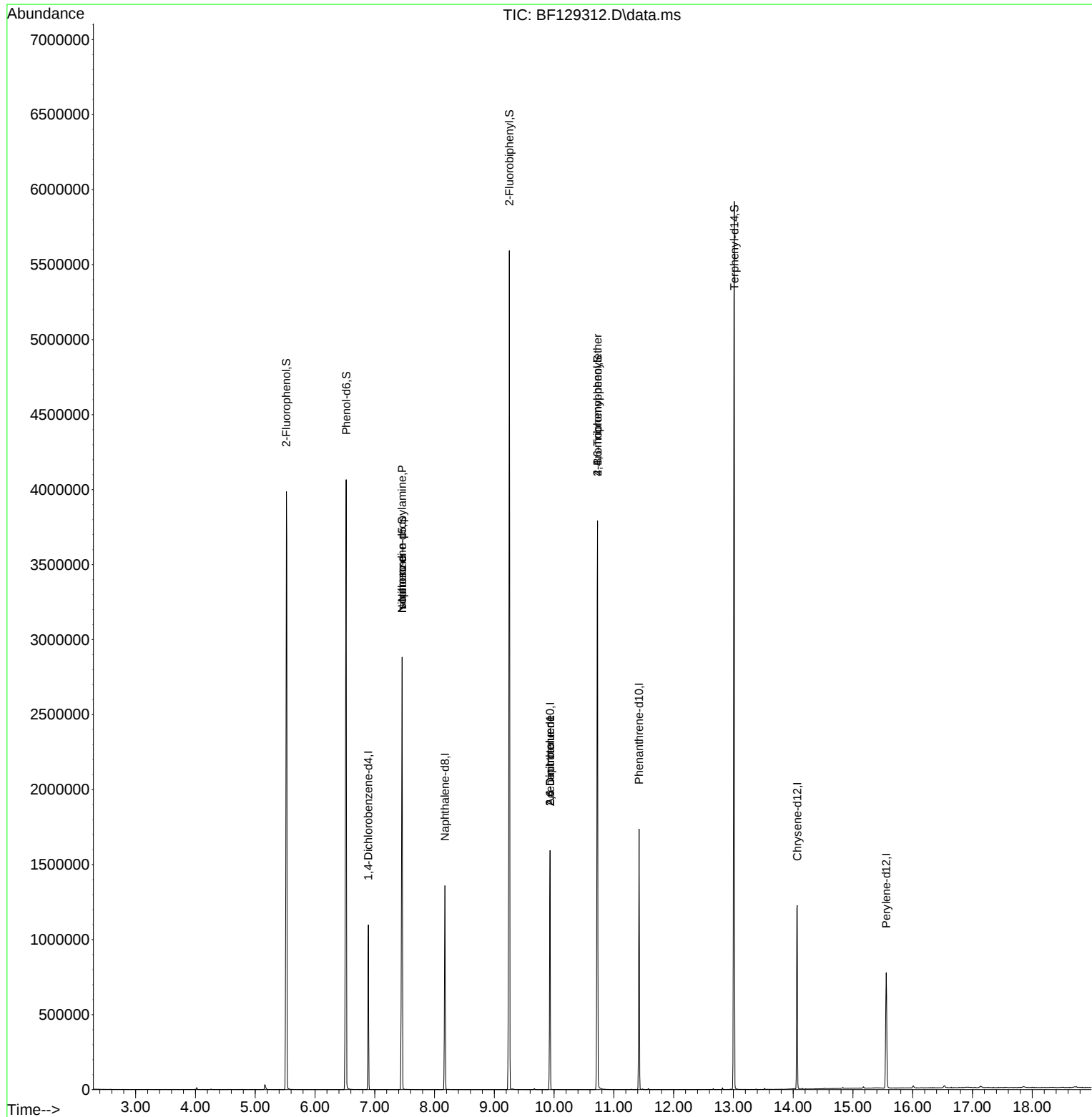
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	142388	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	574570	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	312908	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	550268	20.000	ng	0.00
76) Chrysene-d12	14.068	240	422838	20.000	ng	-0.01
86) Perylene-d12	15.557	264	338354	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1189472	136.253	ng	0.00
7) Phenol-d6	6.522	99	1478025	132.814	ng	0.00
23) Nitrobenzene-d5	7.457	82	990192	92.716	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	460142	152.420	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1778631	87.443	ng	0.00
79) Terphenyl-d14	13.015	244	2096354	92.336	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	134970	20.355	ng	# 76
25) Isophorone	7.457	82	990184	52.809	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	41304	8.581	ng	# 26
57) 2,4-Dinitrotoluene	9.933	165	41304	6.545	ng	# 22
67) 4-Bromophenyl-phenylether	10.727	248	28560	4.810	ng	# 1

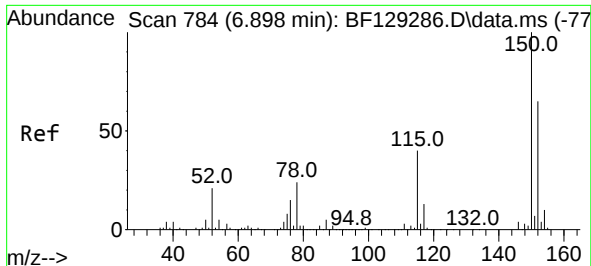
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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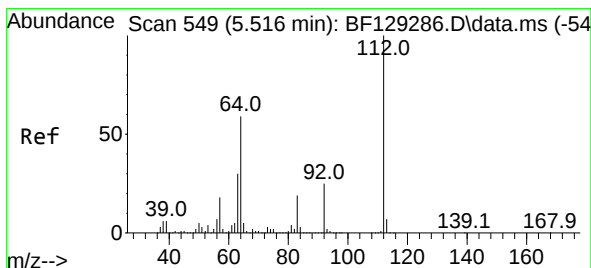
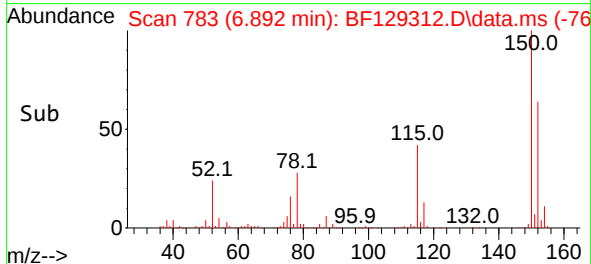
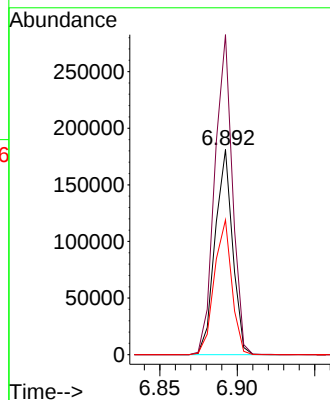
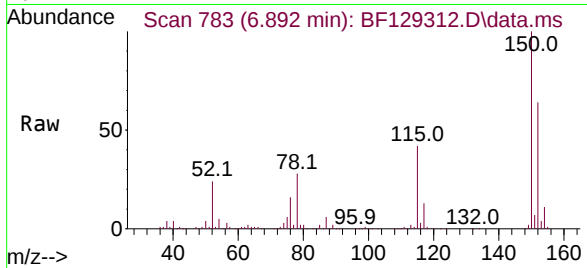




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

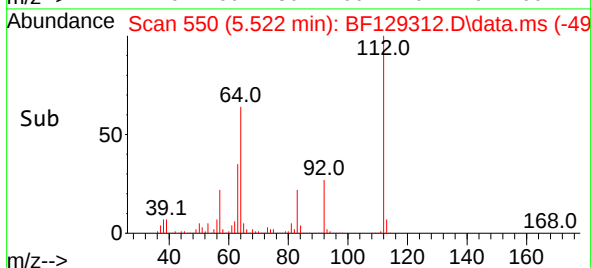
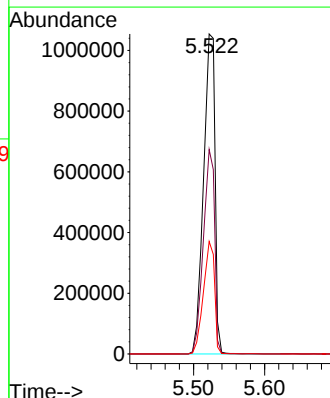
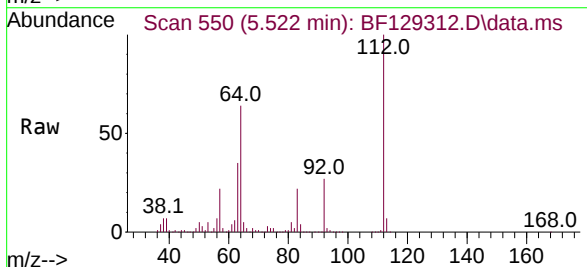
Instrument :
BNA_F
ClientSampleId :
PB145957BL

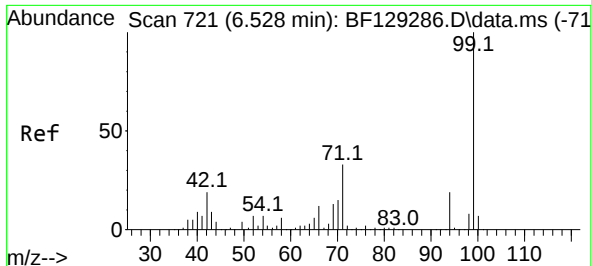
Tgt Ion:152 Resp: 142388
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 65.7 49.9 74.9



#5
2-Fluorophenol
Concen: 136.253 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.006 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

Tgt Ion:112 Resp: 1189472
Ion Ratio Lower Upper
112 100
64 63.9 53.3 79.9
63 35.2 28.0 42.0

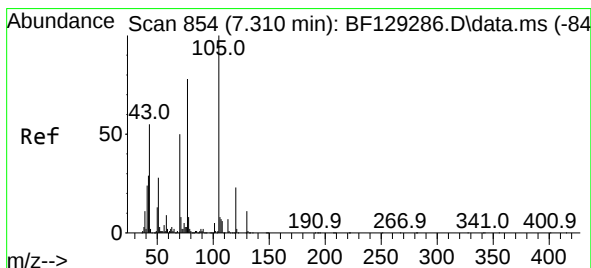
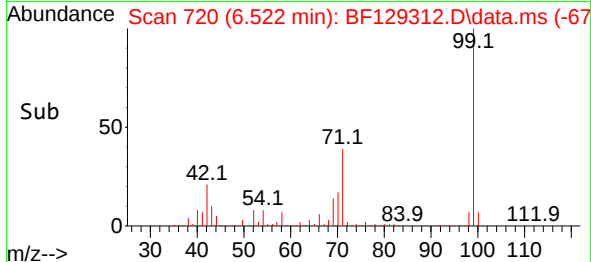
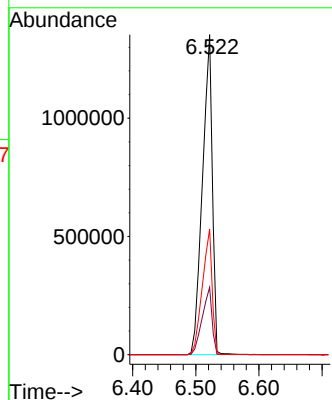
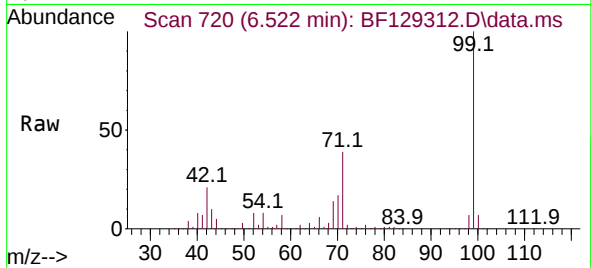




#7
Phenol-d6
Concen: 132.814 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

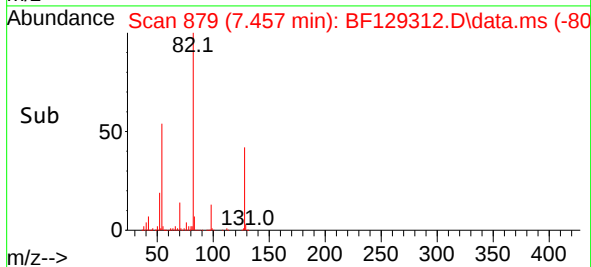
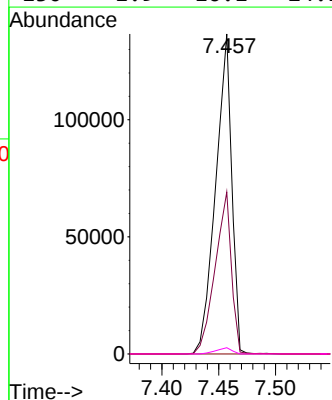
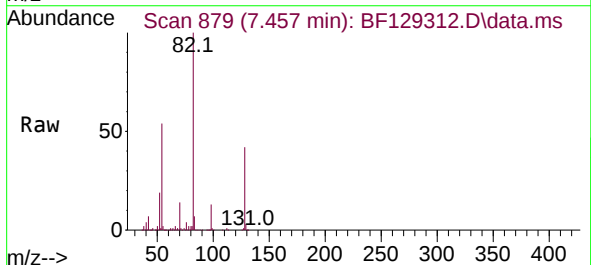
Instrument :
BNA_F
ClientSampleId :
PB145957BL

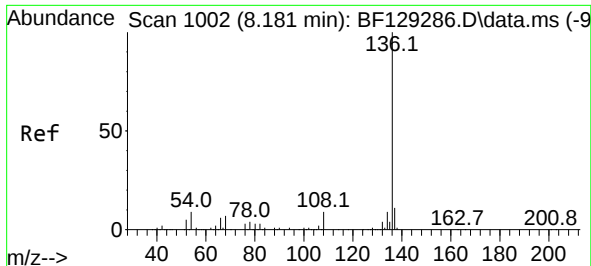
Tgt Ion: 99 Resp: 1478025
Ion Ratio Lower Upper
99 100
42 21.1 17.3 25.9
71 39.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.355 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

Tgt Ion: 70 Resp: 134970
Ion Ratio Lower Upper
70 100
42 50.6 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



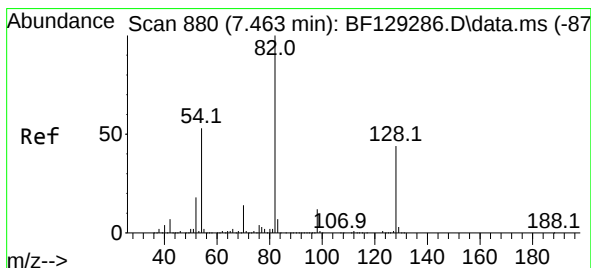
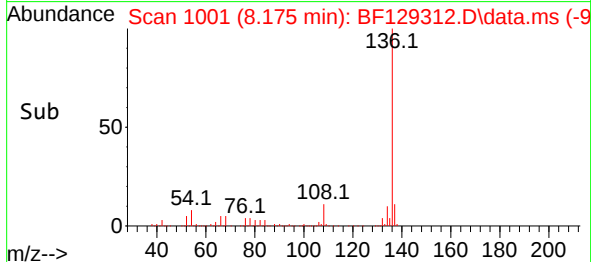
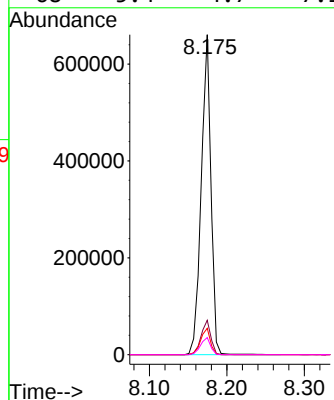
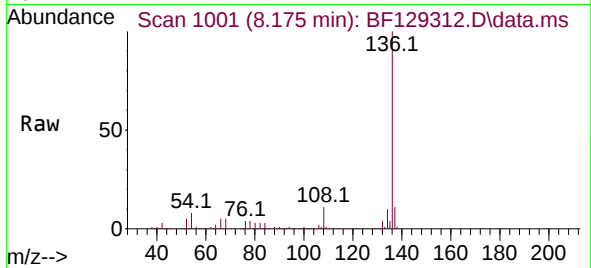


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

Instrument :
BNA_F
ClientSampleId :
PB145957BL

Tgt Ion:136 Resp: 574570

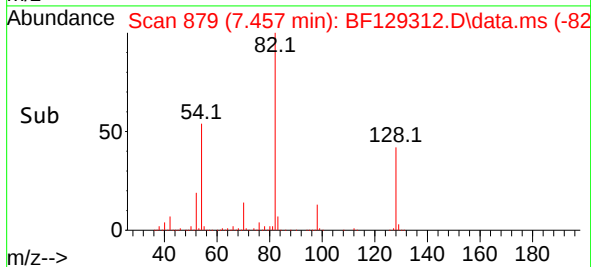
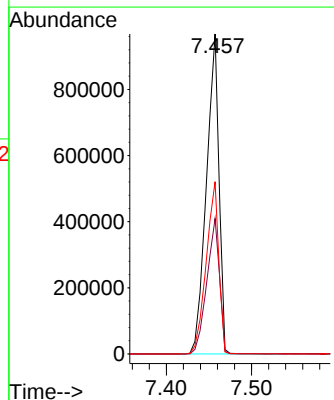
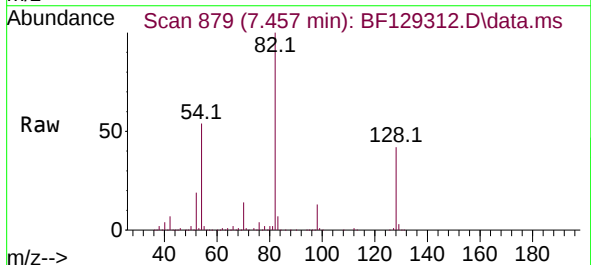
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.2	7.5	11.3
68	5.4	4.7	7.1

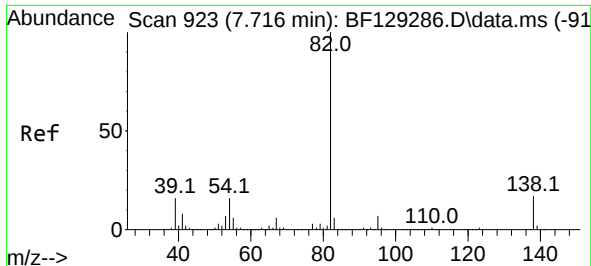


#23
Nitrobenzene-d5
Concen: 92.716 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

Tgt Ion: 82 Resp: 990192

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.0	51.0
54	53.8	46.9	70.3

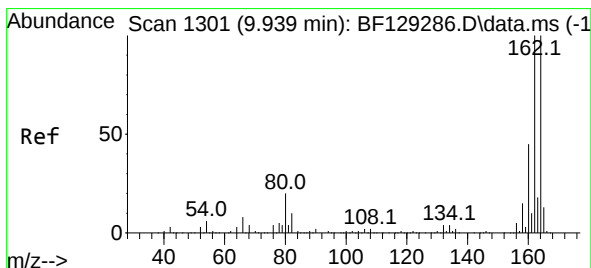
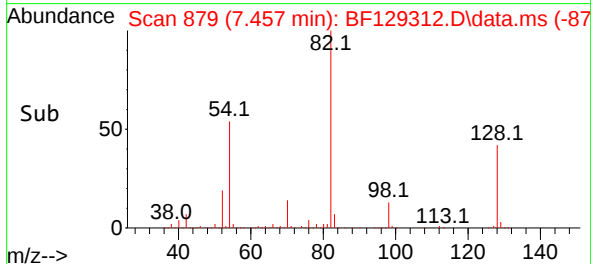
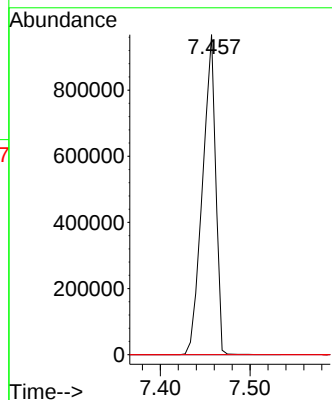
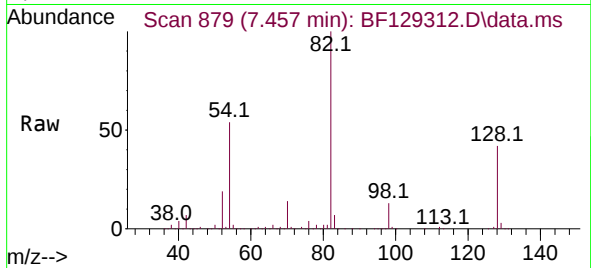




#25
Isophorone
Concen: 52.809 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

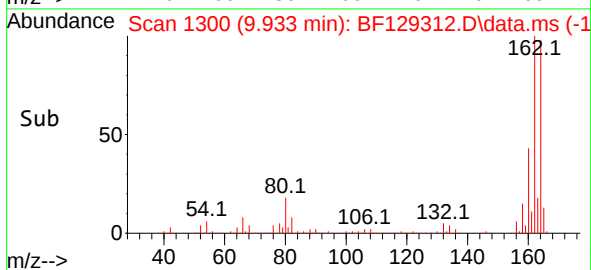
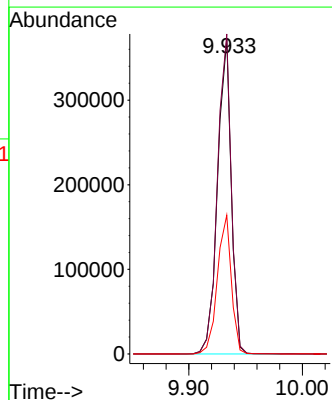
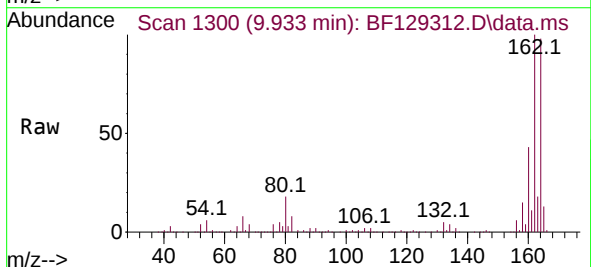
Instrument :
BNA_F
ClientSampleId :
PB145957BL

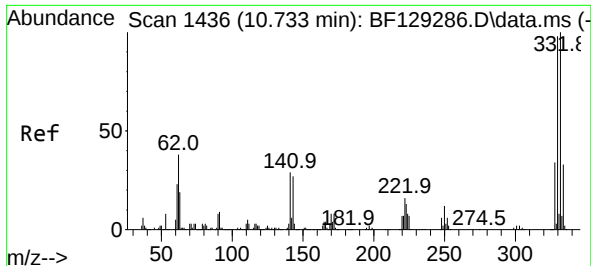
Tgt Ion: 82 Resp: 990184
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

Tgt Ion:164 Resp: 312908
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 44.0 34.2 51.4

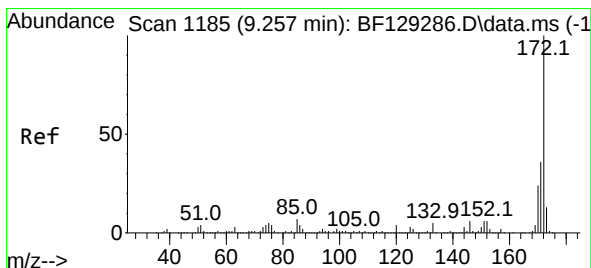
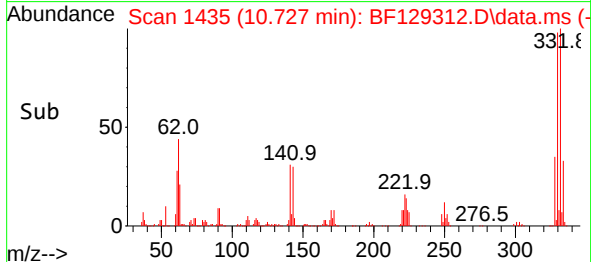
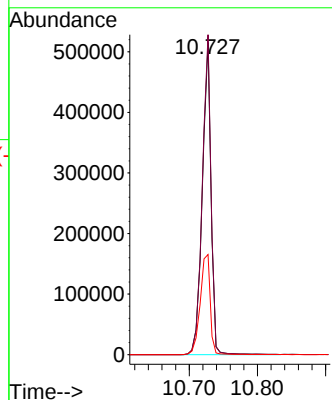
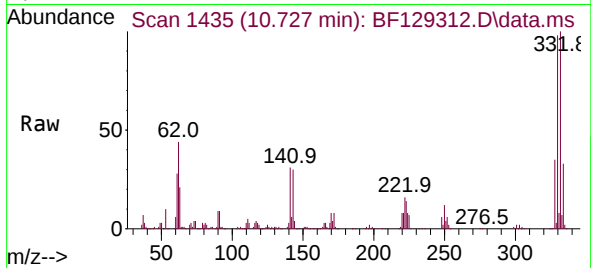




#42
2,4,6-Tribromophenol
Concen: 152.420 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

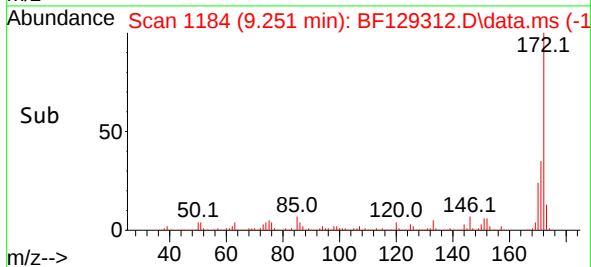
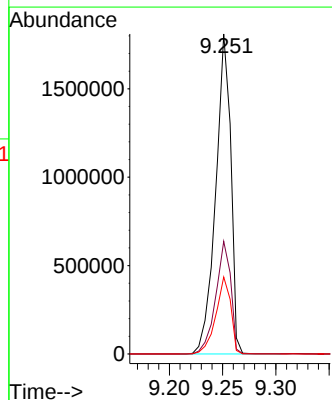
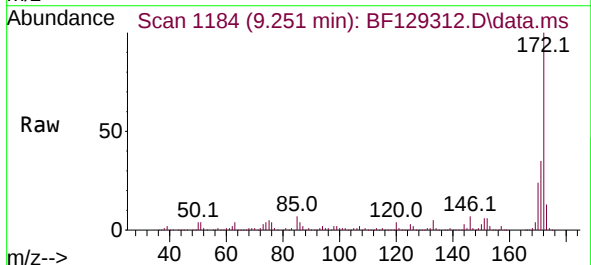
Instrument :
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ClientSampleId :
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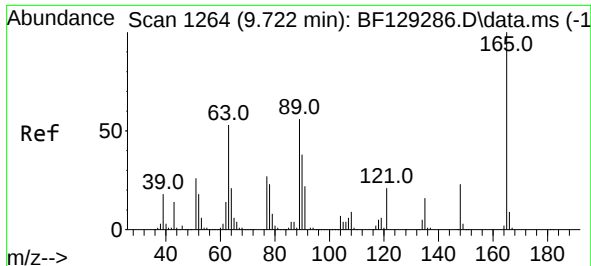
Tgt Ion:330 Resp: 460142
Ion Ratio Lower Upper
330 100
332 102.3 76.8 115.2
141 36.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 87.443 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

Tgt Ion:172 Resp: 1778631
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 24.1 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.581 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF129312.D

Acq: 22 Jul 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB145957BL

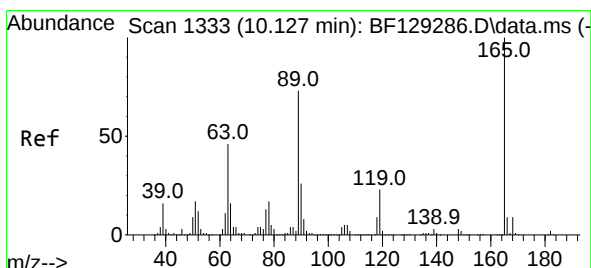
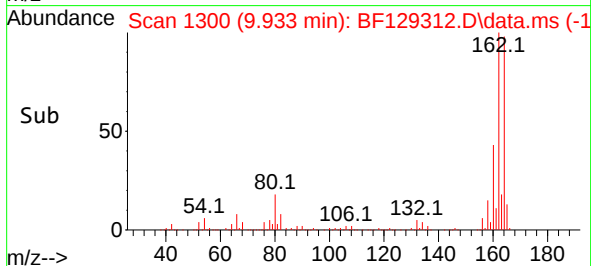
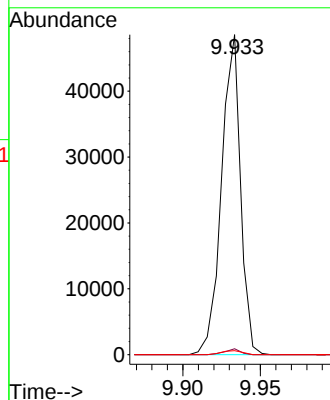
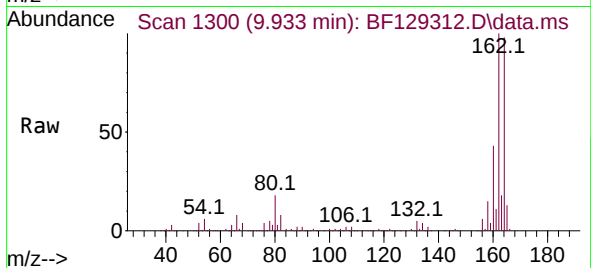
Tgt Ion:165 Resp: 41304

Ion Ratio Lower Upper

165 100

63 1.8 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.545 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.194 min

Lab File: BF129312.D

Acq: 22 Jul 2022 13:08

Tgt Ion:165 Resp: 41304

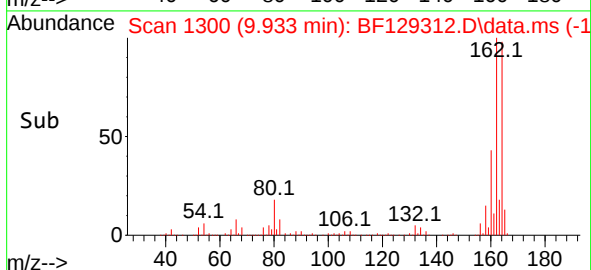
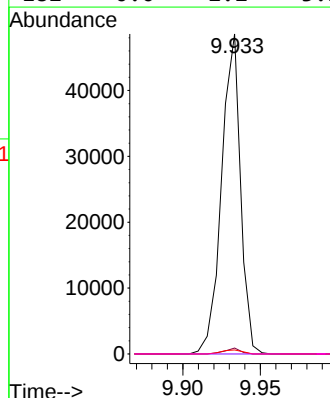
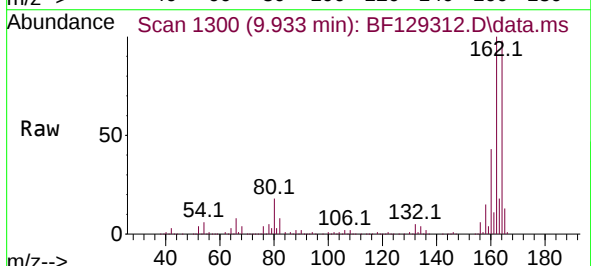
Ion Ratio Lower Upper

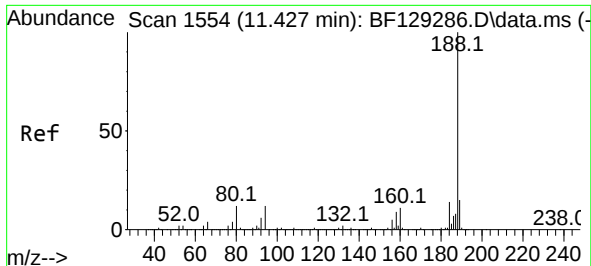
165 100

63 1.8 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#

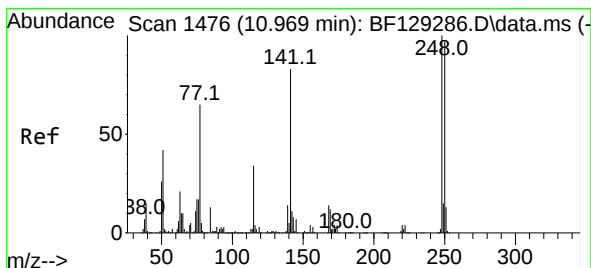
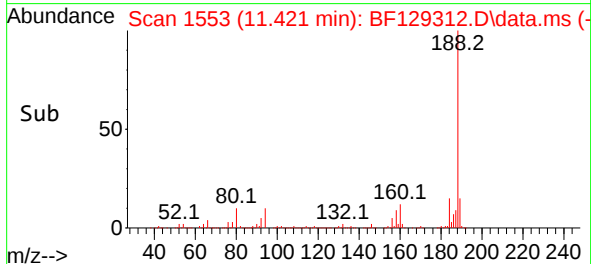
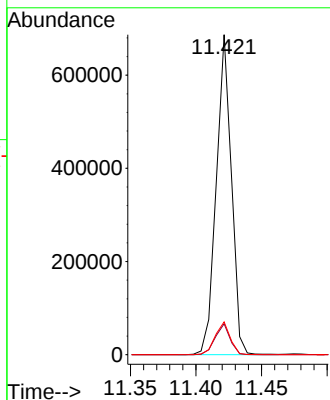
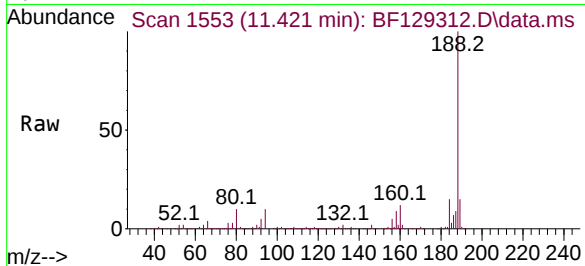




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

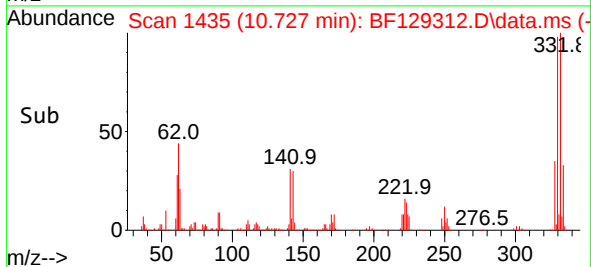
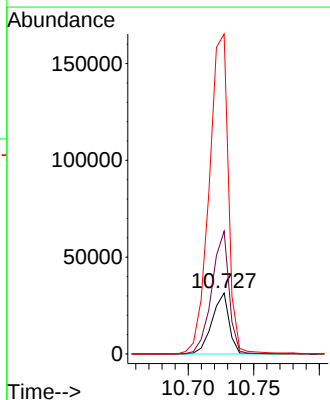
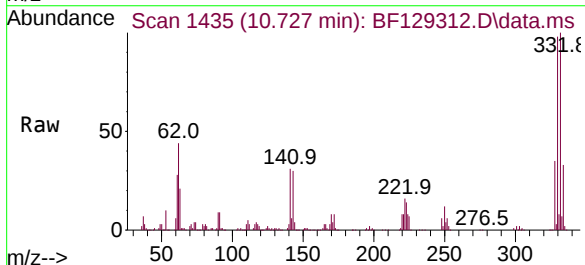
Instrument :
BNA_F
ClientSampleId :
PB145957BL

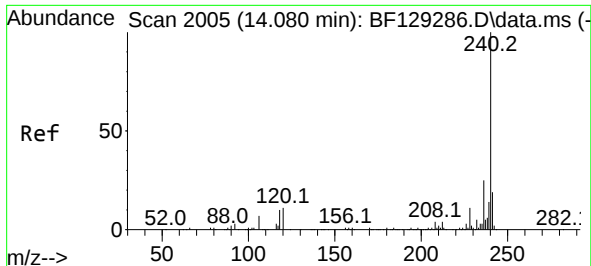
Tgt Ion:188 Resp: 550268
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.810 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

Tgt Ion:248 Resp: 28560
Ion Ratio Lower Upper
248 100
250 201.0 80.6 120.8#
141 524.3 58.9 88.3#

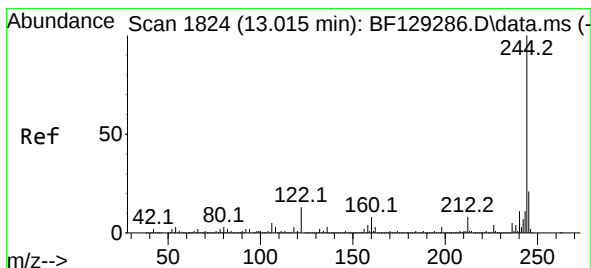
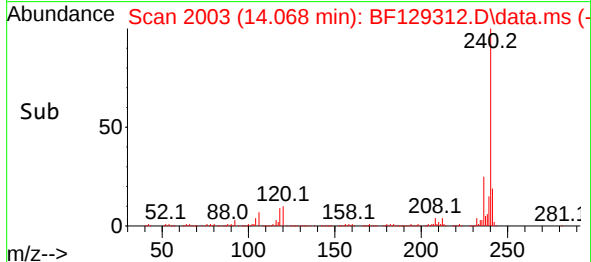
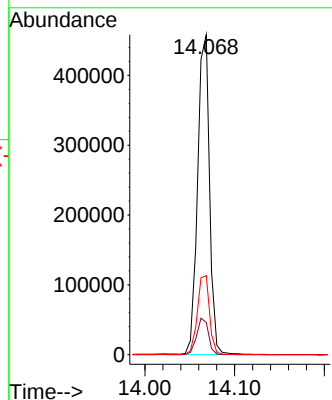
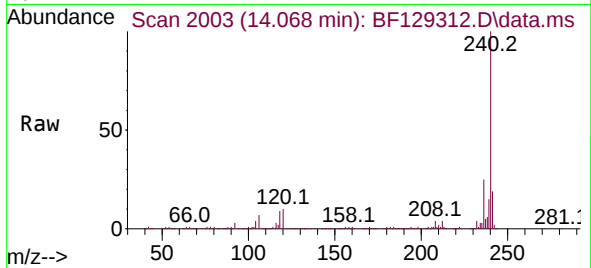




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

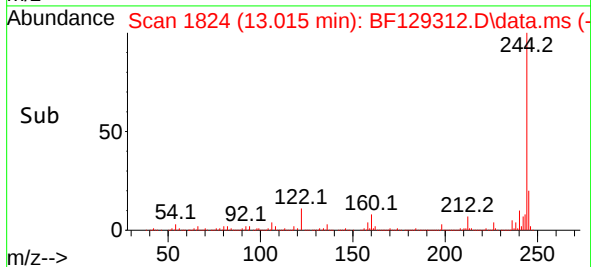
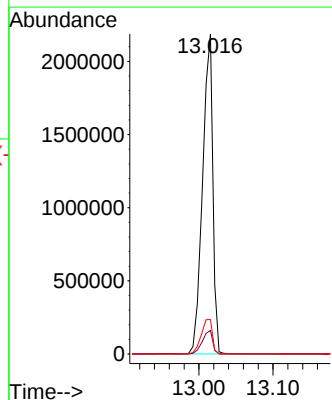
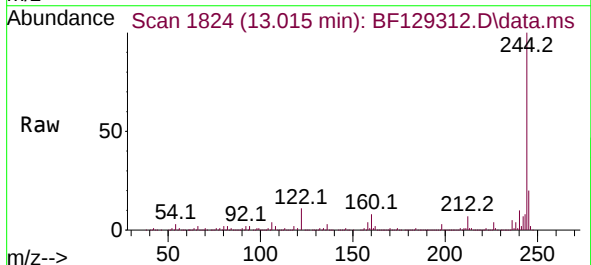
Instrument :
BNA_F
ClientSampleId :
PB145957BL

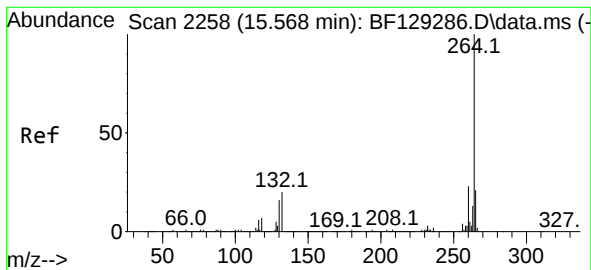
Tgt Ion:240 Resp: 422838
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 24.7 20.8 31.2



#79
Terphenyl-d14
Concen: 92.336 ng
RT: 13.015 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF129312.D
Acq: 22 Jul 2022 13:08

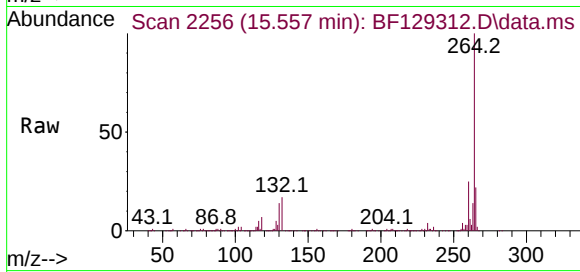
Tgt Ion:244 Resp: 2096354
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 10.8 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129312.D
 Acq: 22 Jul 2022 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB145957BL



Tgt Ion:264 Resp: 338354
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.4 27.6
 265 21.9 17.2 25.8

