

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129809.D
 Acq On : 16 Aug 2022 13:48
 Operator : CG\JU
 Sample : N3971-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 MW-14R

Quant Time: Aug 17 02:31:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

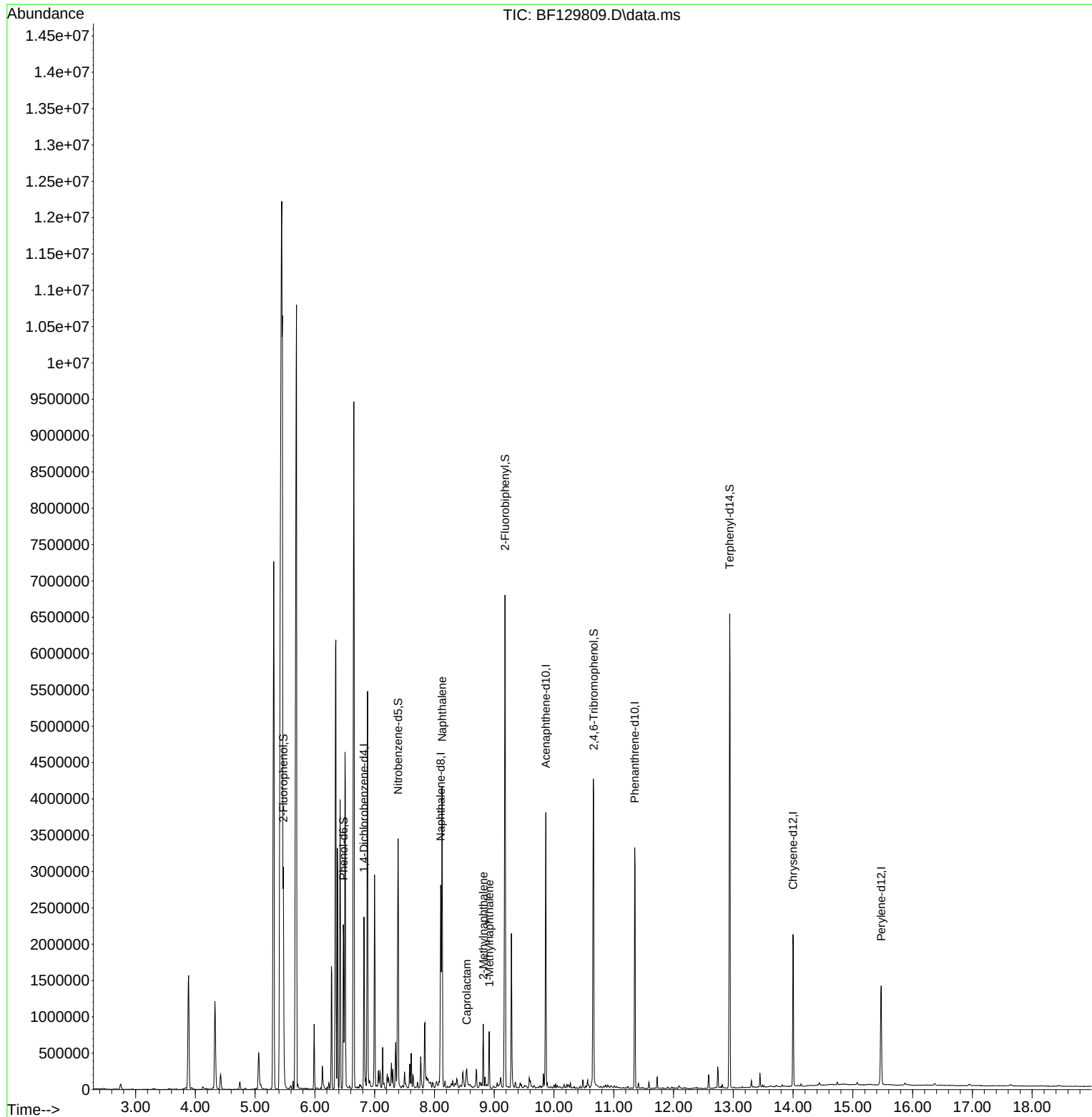
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	333743	40.000	ng	0.00
21) Naphthalene-d8	8.104	136	1381284	40.000	ng	0.00
39) Acenaphthene-d10	9.863	164	751363	40.000	ng	0.00
64) Phenanthrene-d10	11.351	188	1251996	40.000	ng	0.00
76) Chrysene-d12	13.998	240	720868	40.000	ng	0.00
86) Perylene-d12	15.474	264	630113	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	892382	88.542	ng	0.00
7) Phenol-d6	6.475	99	808847	64.086	ng	0.00
23) Nitrobenzene-d5	7.393	82	1224781	94.933	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	593923	157.517	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2323949	93.953	ng	0.00
79) Terphenyl-d14	12.939	244	2464024	113.751	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.640	82	67717	3.050	ng	100
31) Naphthalene	8.128	128	1851892	51.283	ng	99
35) Caprolactam	8.540	113	35126	11.256	ng	96
37) 2-Methylnaphthalene	8.816	142	210837	8.896	ng	100
38) 1-Methylnaphthalene	8.916	142	126876	5.508	ng	96

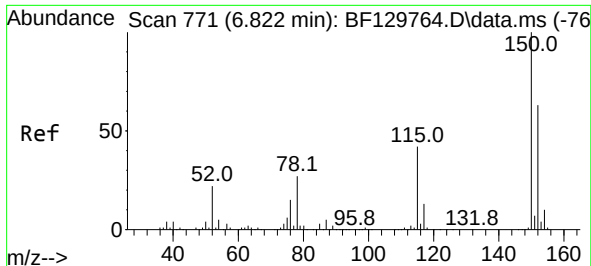
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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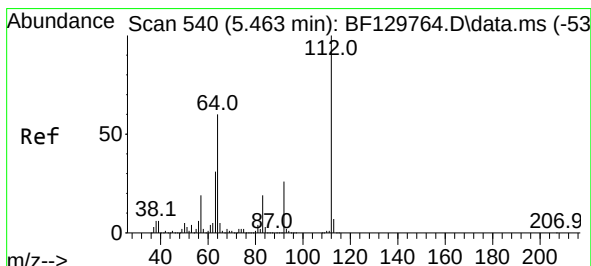
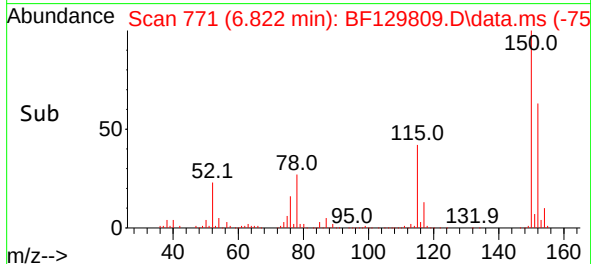
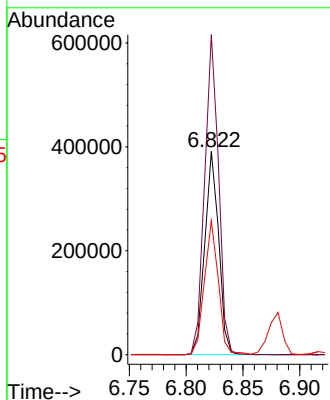
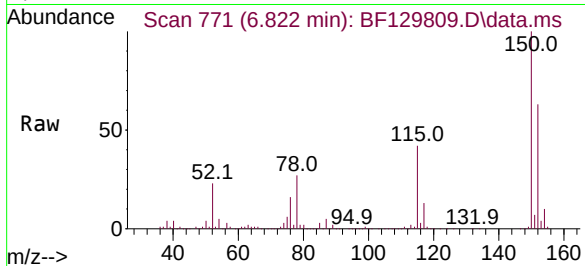




#1
 1,4-Dichlorobenzene-d4
 Concen: 40.000 ng
 RT: 6.822 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129809.D
 Acq: 16 Aug 2022 13:48

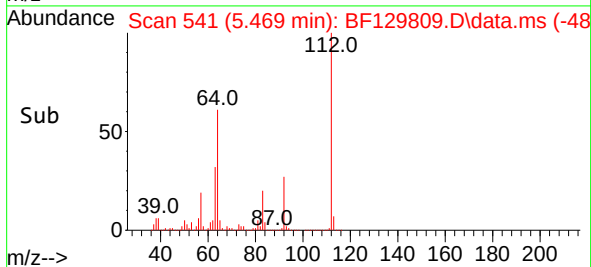
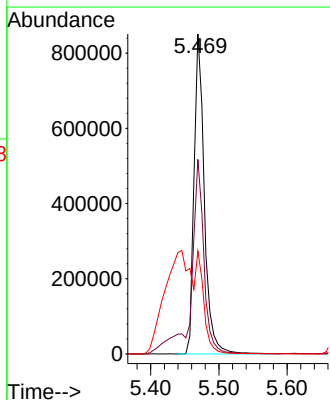
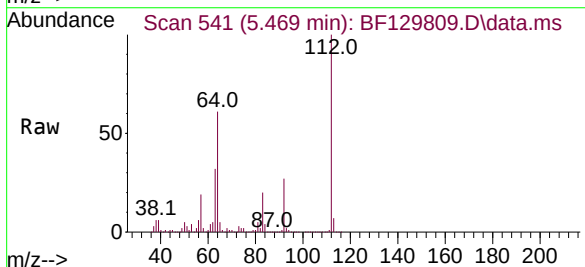
Instrument :
 BNA_F
 ClientSampleId :
 MW-14R

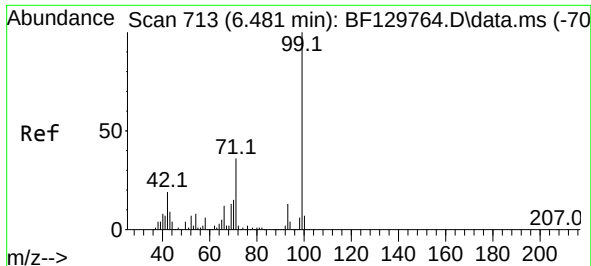
Tgt Ion:152 Resp: 333743
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.9 190.3
 115 65.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 88.542 ng
 RT: 5.469 min Scan# 541
 Delta R.T. 0.006 min
 Lab File: BF129809.D
 Acq: 16 Aug 2022 13:48

Tgt Ion:112 Resp: 892382
 Ion Ratio Lower Upper
 112 100
 64 60.8 47.6 71.4
 63 32.1 24.6 37.0

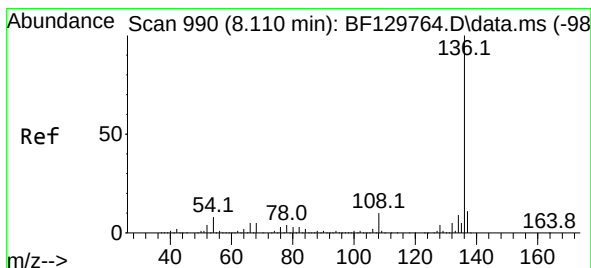
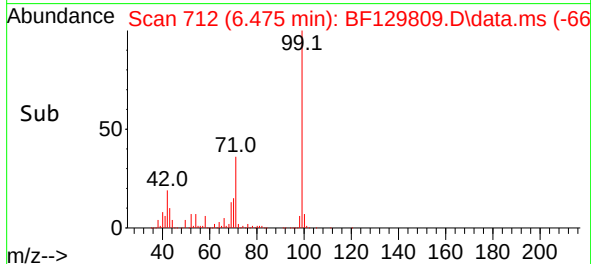
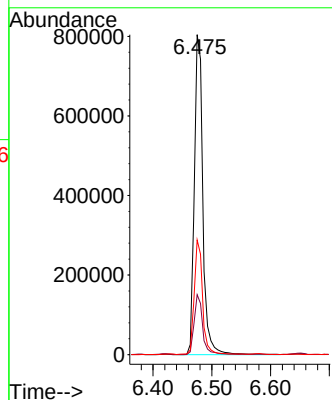
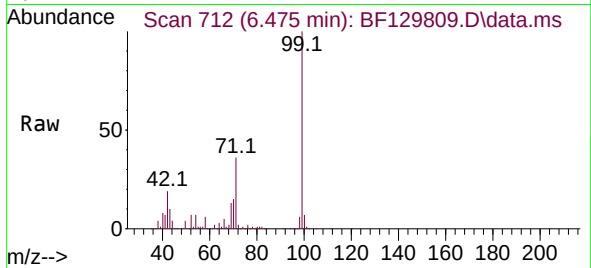




#7
Phenol-d6
Concen: 64.086 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129809.D
Acq: 16 Aug 2022 13:48

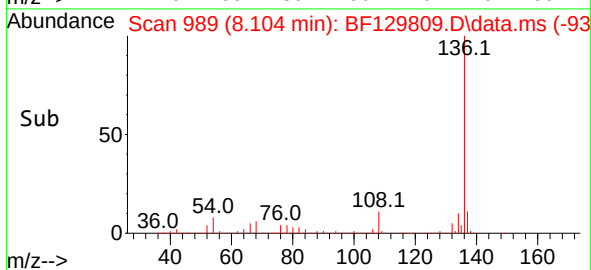
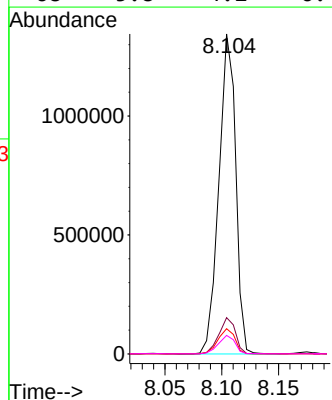
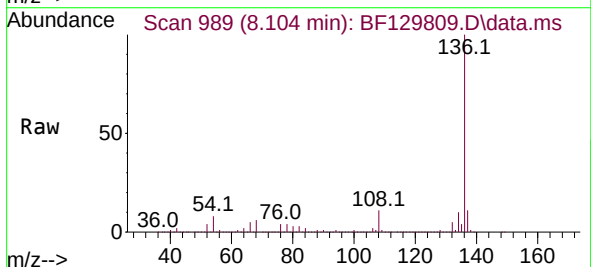
Instrument :
BNA_F
ClientSampleId :
MW-14R

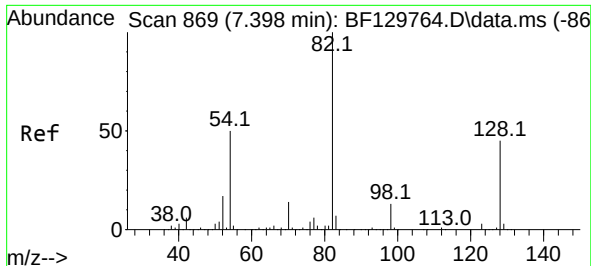
Tgt Ion: 99 Resp: 808847
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 35.8 28.8 43.2



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129809.D
Acq: 16 Aug 2022 13:48

Tgt Ion: 136 Resp: 1381284
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.9 6.2 9.2
68 5.8 4.2 6.4





#23

Nitrobenzene-d5

Concen: 94.933 ng

RT: 7.393 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129809.D

Acq: 16 Aug 2022 13:48

Instrument :

BNA_F

ClientSampleId :

MW-14R

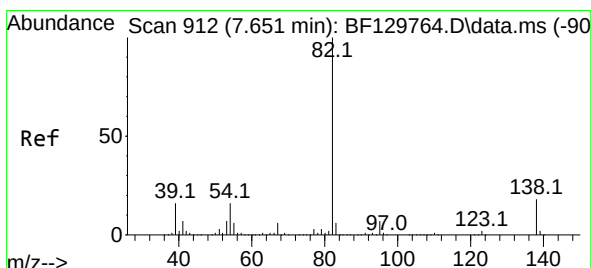
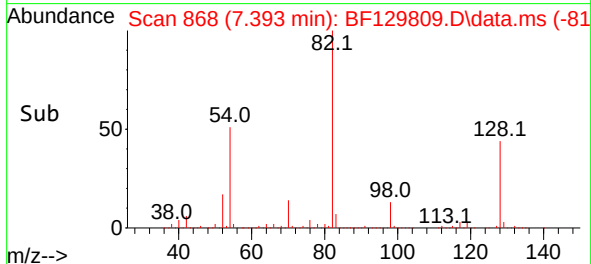
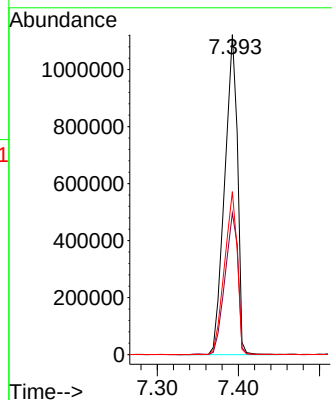
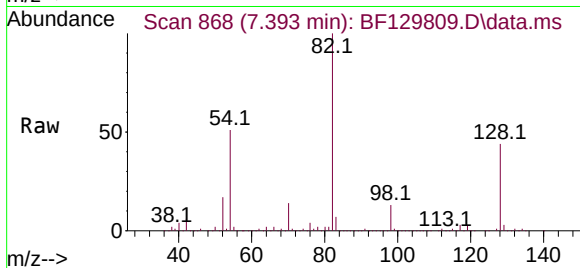
Tgt Ion: 82 Resp: 1224781

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

54 50.9 40.0 60.0



#25

Isophorone

Concen: 3.050 ng

RT: 7.640 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF129809.D

Acq: 16 Aug 2022 13:48

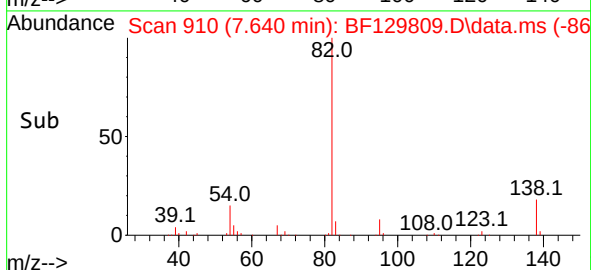
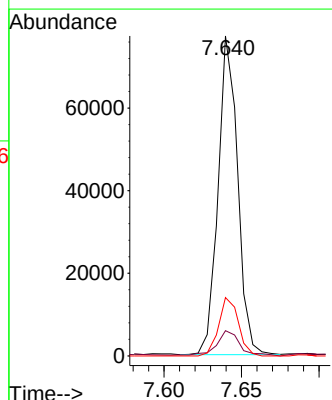
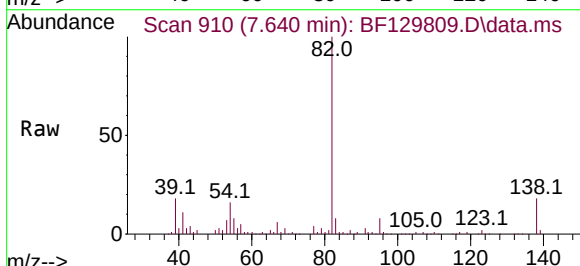
Tgt Ion: 82 Resp: 67717

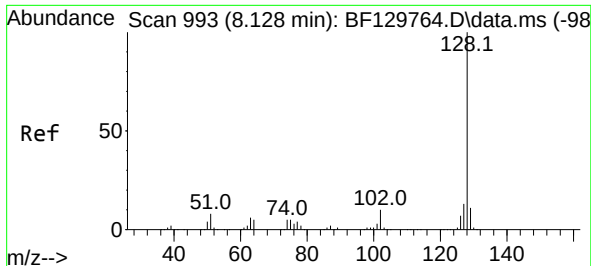
Ion Ratio Lower Upper

82 100

95 7.9 5.9 8.9

138 18.2 14.6 21.8

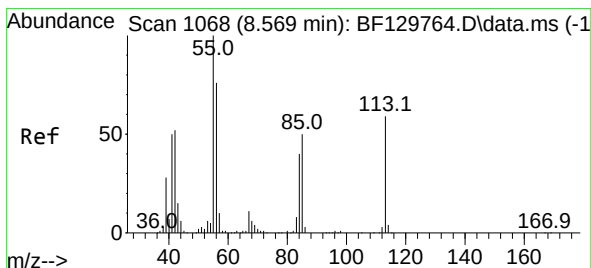
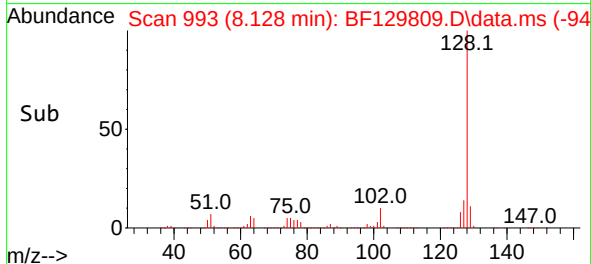
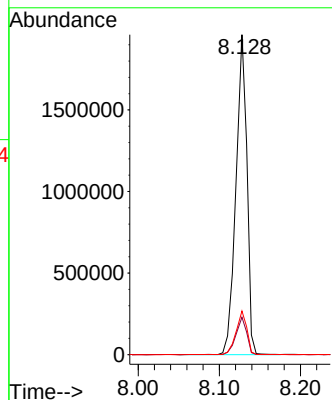
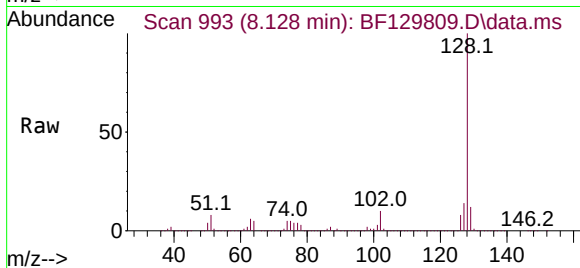




#31
Naphthalene
Concen: 51.283 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF129809.D
Acq: 16 Aug 2022 13:48

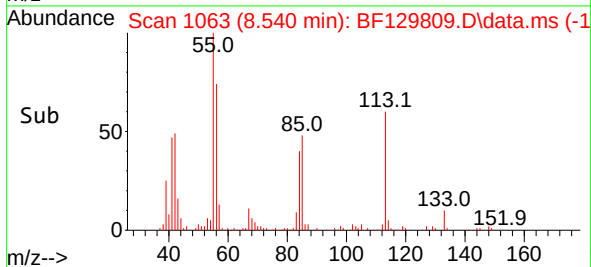
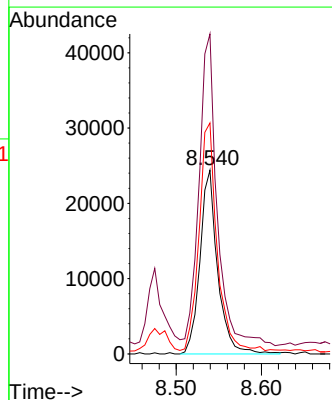
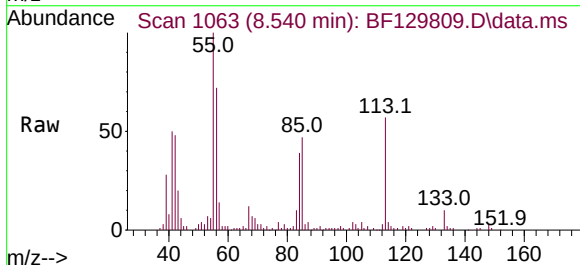
Instrument :
BNA_F
ClientSampleId :
MW-14R

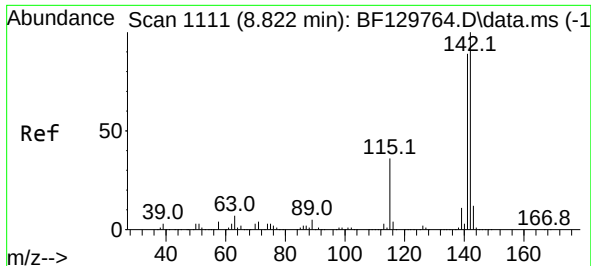
Tgt Ion:128 Resp: 1851892
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.6 10.7 16.1



#35
Caprolactam
Concen: 11.256 ng
RT: 8.540 min Scan# 1063
Delta R.T. -0.029 min
Lab File: BF129809.D
Acq: 16 Aug 2022 13:48

Tgt Ion:113 Resp: 35126
Ion Ratio Lower Upper
113 100
55 174.3 148.8 188.8
56 125.9 109.1 149.1





#37

2-Methylnaphthalene

Concen: 8.896 ng

RT: 8.816 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF129809.D

Acq: 16 Aug 2022 13:48

Instrument :

BNA_F

ClientSampleId :

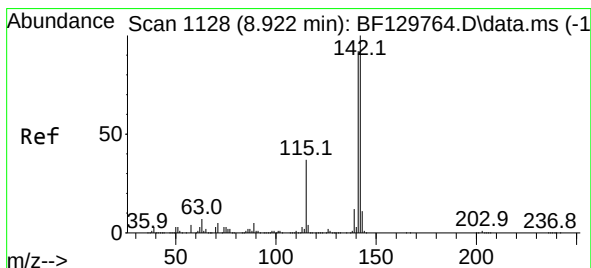
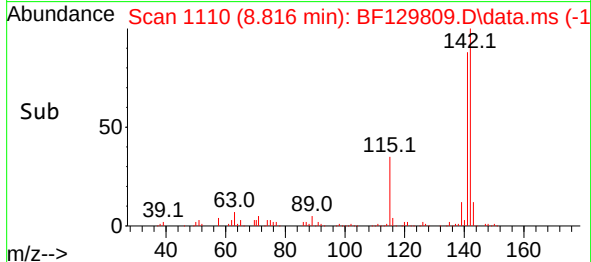
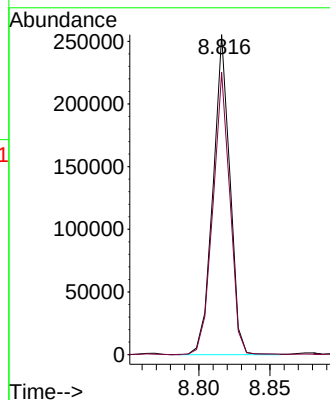
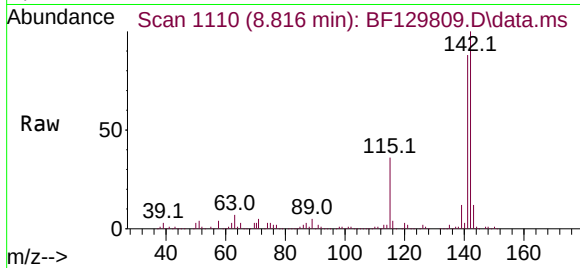
MW-14R

Tgt Ion:142 Resp: 210837

Ion Ratio Lower Upper

142 100

141 88.2 70.9 106.3



#38

1-Methylnaphthalene

Concen: 5.508 ng

RT: 8.916 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BF129809.D

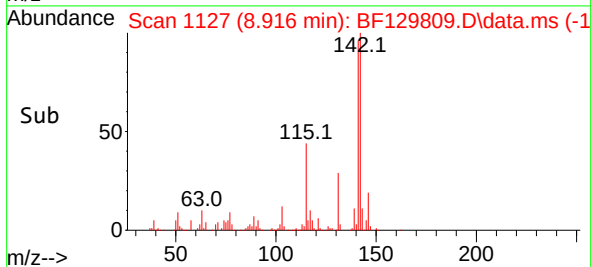
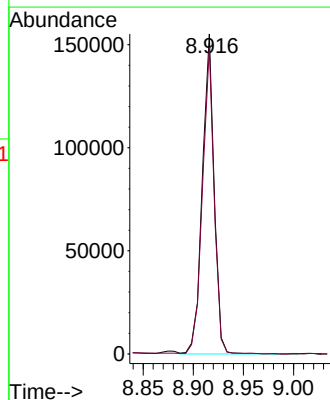
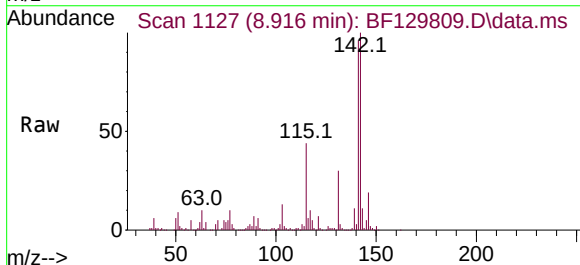
Acq: 16 Aug 2022 13:48

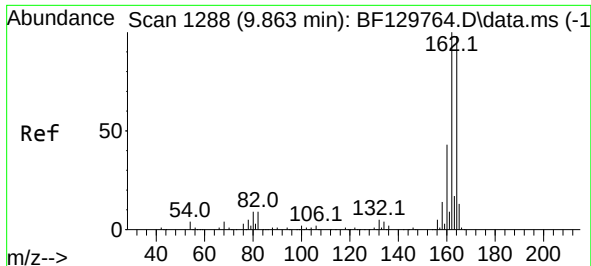
Tgt Ion:142 Resp: 126876

Ion Ratio Lower Upper

142 100

141 95.7 73.5 110.3

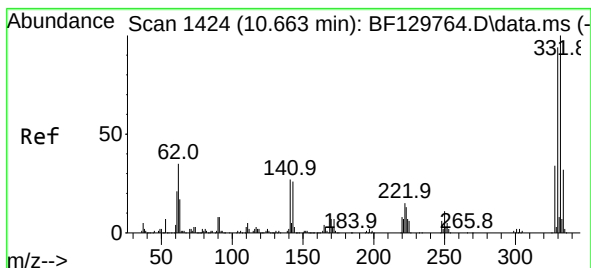
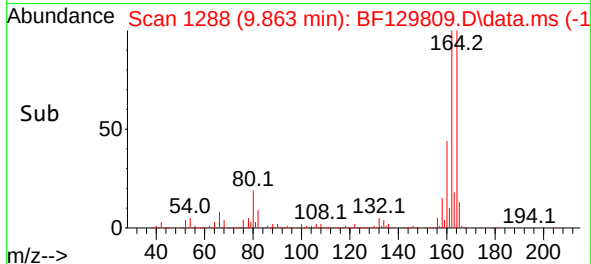
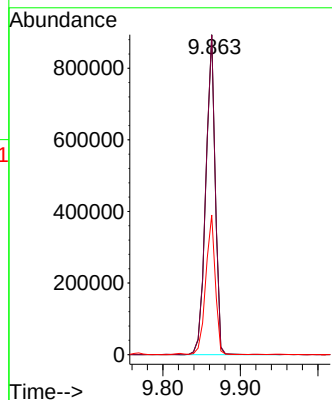
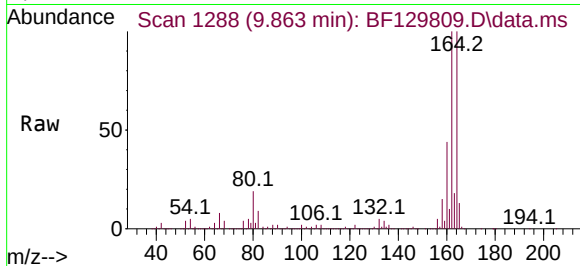




#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF129809.D
Acq: 16 Aug 2022 13:48

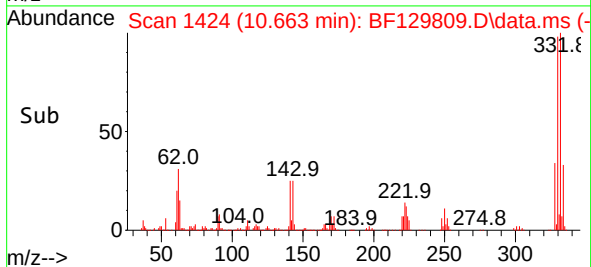
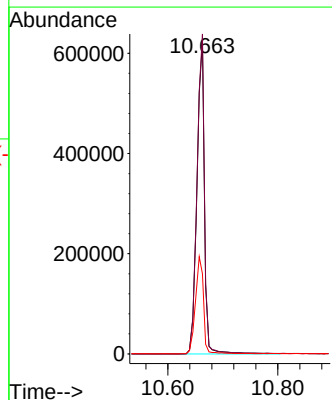
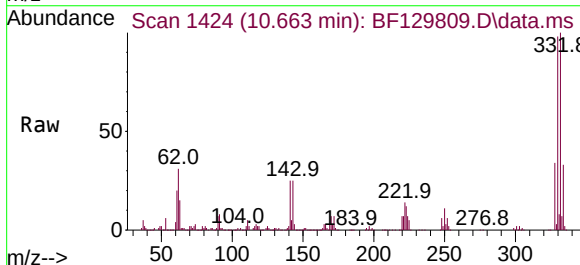
Instrument :
BNA_F
ClientSampleId :
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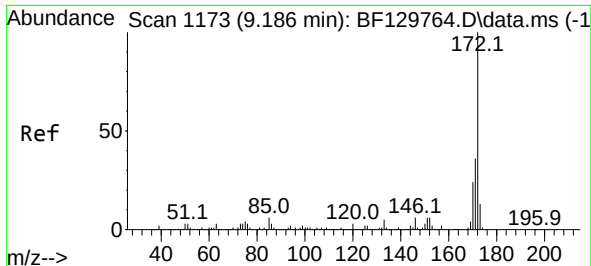
Tgt Ion:164 Resp: 751363
Ion Ratio Lower Upper
164 100
162 99.9 82.0 123.0
160 43.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 157.517 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129809.D
Acq: 16 Aug 2022 13:48

Tgt Ion:330 Resp: 593923
Ion Ratio Lower Upper
330 100
332 102.0 82.6 124.0
141 33.2 27.6 41.4

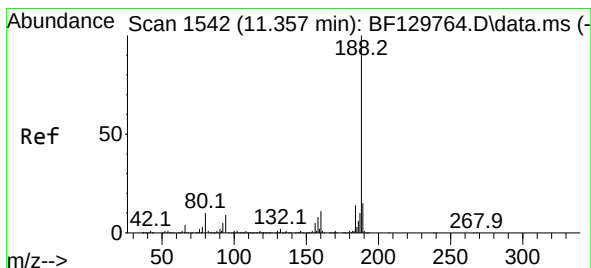
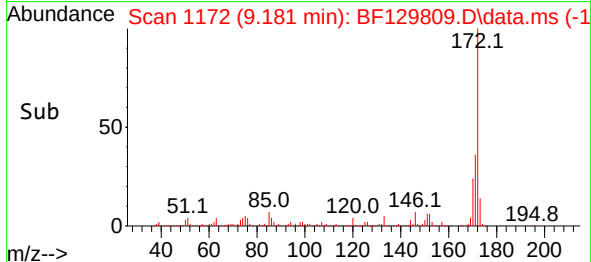
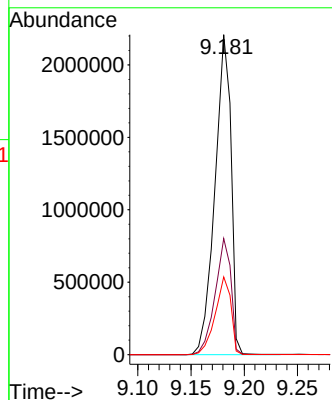
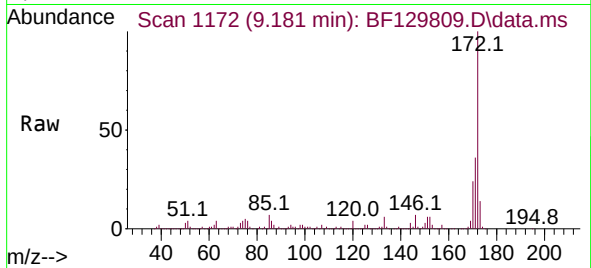




#45
2-Fluorobiphenyl
Concen: 93.953 ng
RT: 9.181 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF129809.D
Acq: 16 Aug 2022 13:48

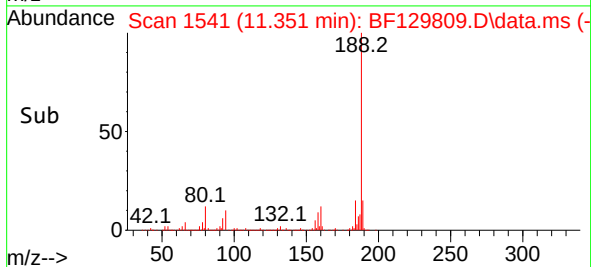
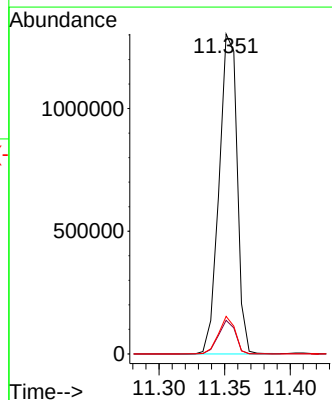
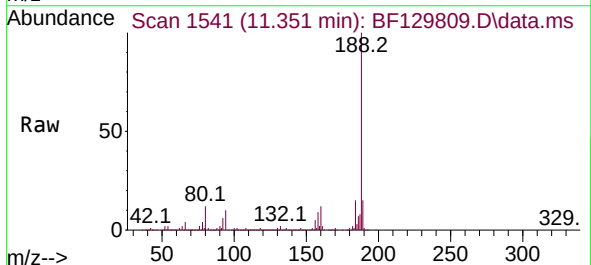
Instrument :
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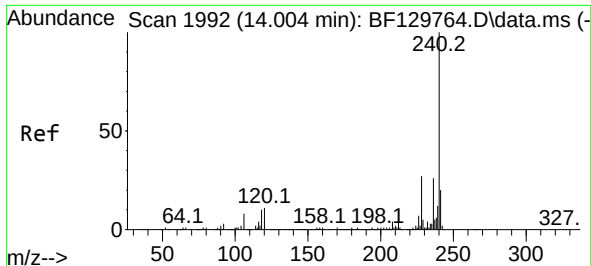
Tgt Ion:172 Resp: 2323949
Ion Ratio Lower Upper
172 100
171 36.3 28.4 42.6
170 24.3 19.1 28.7



#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF129809.D
Acq: 16 Aug 2022 13:48

Tgt Ion:188 Resp: 1251996
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.7 7.9 11.9

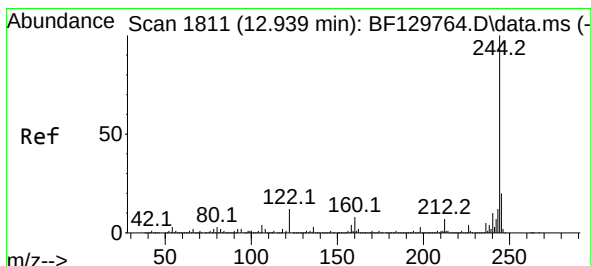
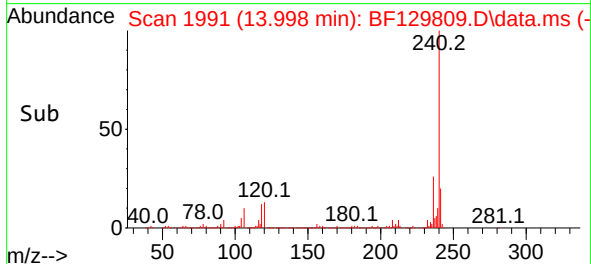
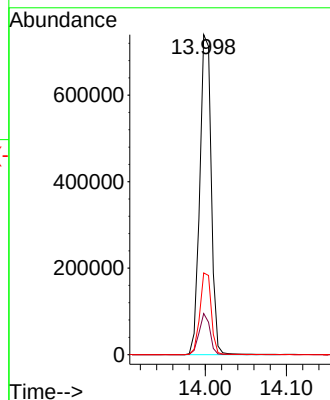
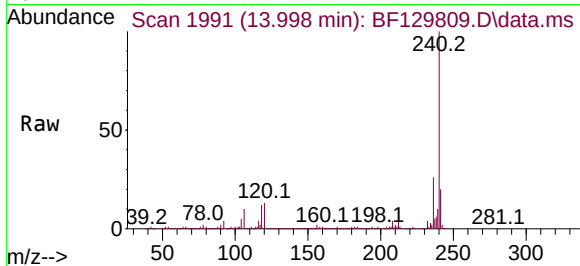




#76
Chrysene-d12
Concen: 40.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129809.D
Acq: 16 Aug 2022 13:48

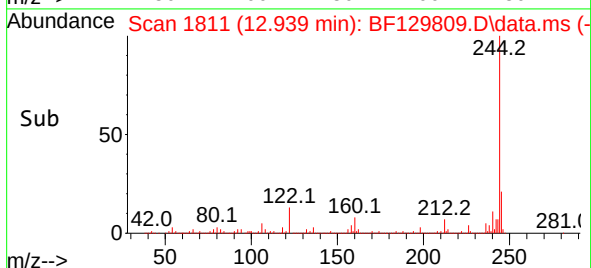
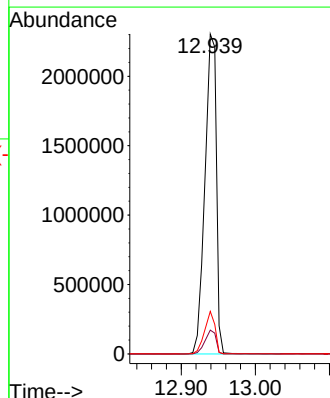
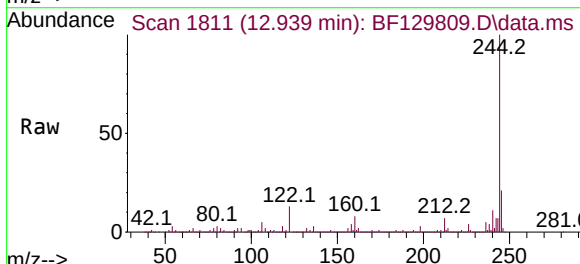
Instrument :
BNA_F
ClientSampleId :
MW-14R

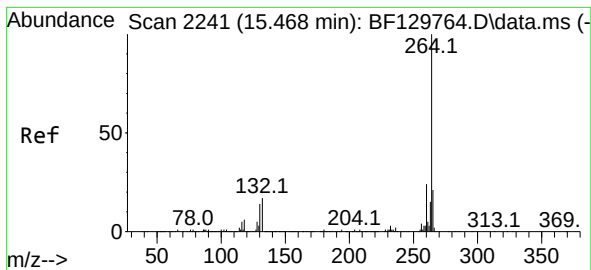
Tgt Ion:240 Resp: 720868
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 113.751 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF129809.D
Acq: 16 Aug 2022 13:48

Tgt Ion:244 Resp: 2464024
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 13.3 9.9 14.9





#86

Perylene-d12

Concen: 40.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129809.D

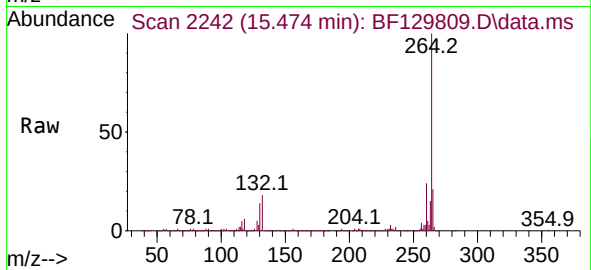
Acq: 16 Aug 2022 13:48

Instrument :

BNA_F

ClientSampleId :

MW-14R



Tgt Ion:264 Resp: 630113

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 21.0 16.7 25.1

