

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128393.D
 Acq On : 23 May 2022 10:59
 Operator : CG\JU
 Sample : PB145019BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145019BL

Quant Time: May 24 01:21:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

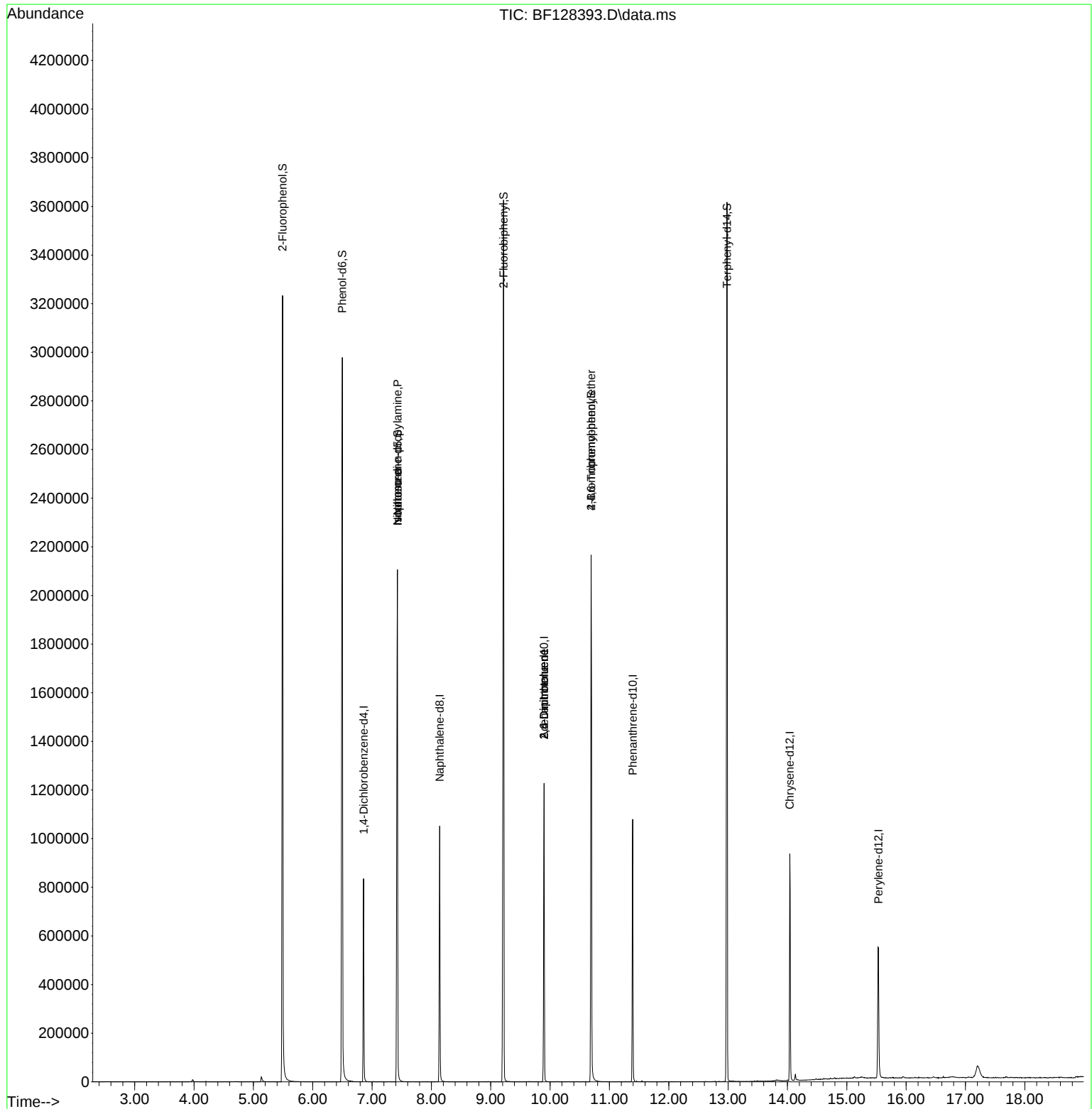
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	116456	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	455133	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	254386	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	384768	20.000	ng	0.00
76) Chrysene-d12	14.039	240	316977	20.000	ng	-0.01
86) Perylene-d12	15.533	264	274286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	853243	116.596	ng	0.01
7) Phenol-d6	6.499	99	1106303	114.807	ng	0.00
23) Nitrobenzene-d5	7.428	82	790326	77.803	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	257991	98.339	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1207765	77.642	ng	0.00
79) Terphenyl-d14	12.981	244	1301751	79.278	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.499	77	2031	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	105007	18.220	ng	# 79
25) Isophorone	7.428	82	790321	50.769	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	32550	9.185	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	32550	7.290	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	16052	3.986	ng	# 1

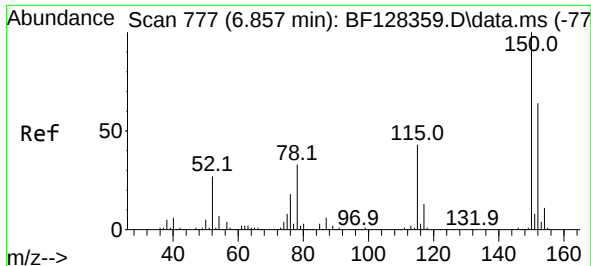
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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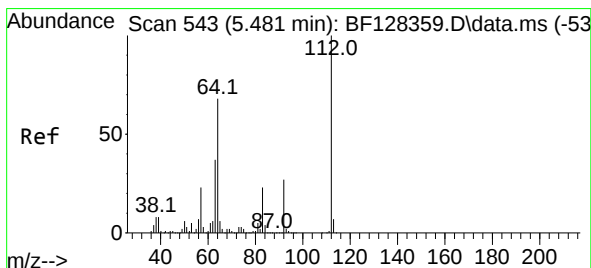
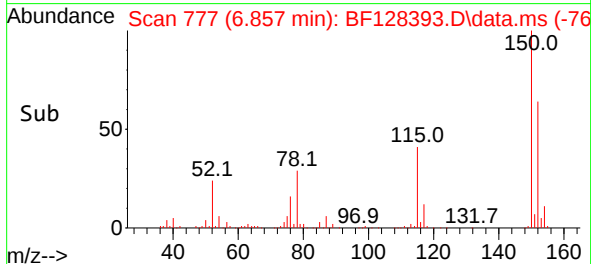
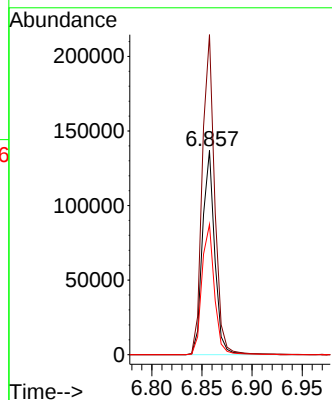
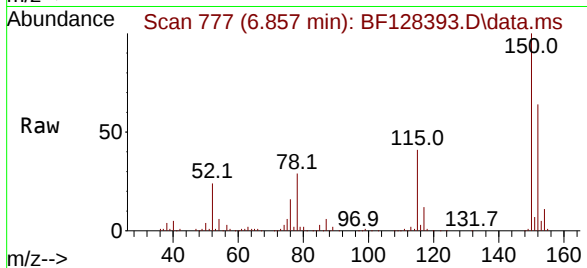




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128393.D
Acq: 23 May 2022 10:59

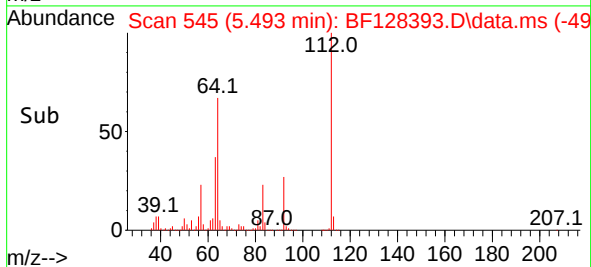
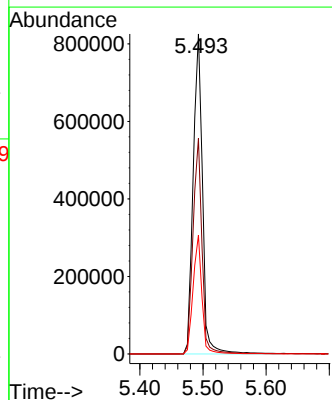
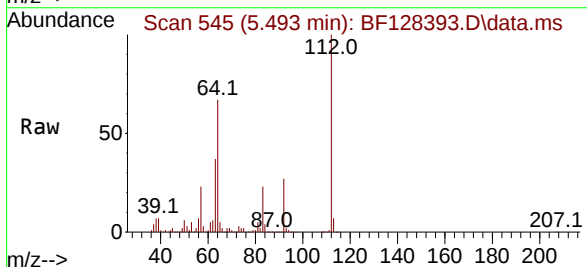
Instrument :
BNA_F
ClientSampleId :
PB145019BL

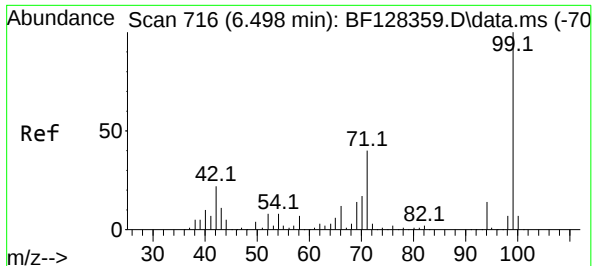
Tgt Ion:152 Resp: 116456
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 63.8 48.8 73.2



#5
2-Fluorophenol
Concen: 116.596 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.012 min
Lab File: BF128393.D
Acq: 23 May 2022 10:59

Tgt Ion:112 Resp: 853243
Ion Ratio Lower Upper
112 100
64 67.3 49.5 74.3
63 37.1 26.3 39.5

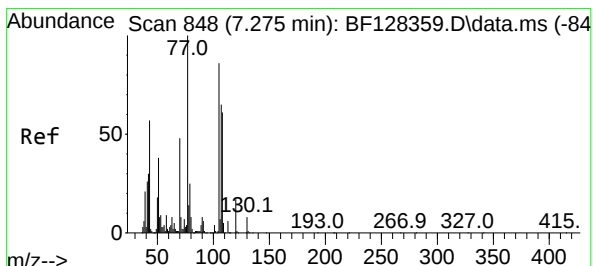
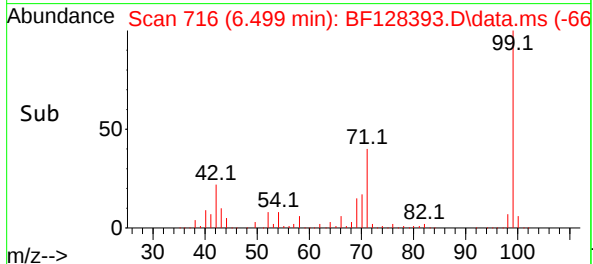
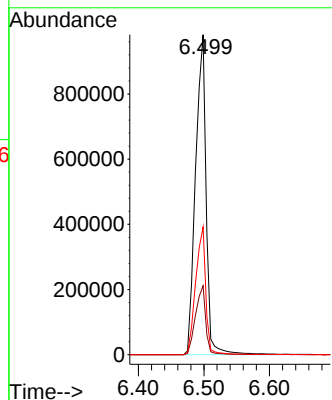
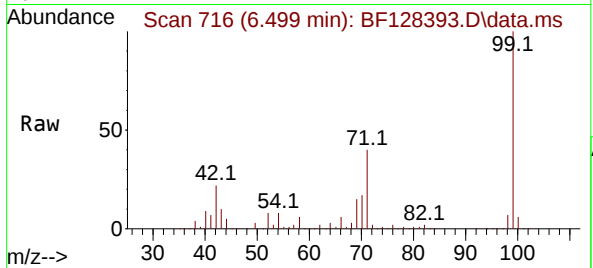




#7
Phenol-d6
Concen: 114.807 ng
RT: 6.499 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128393.D
Acq: 23 May 2022 10:59

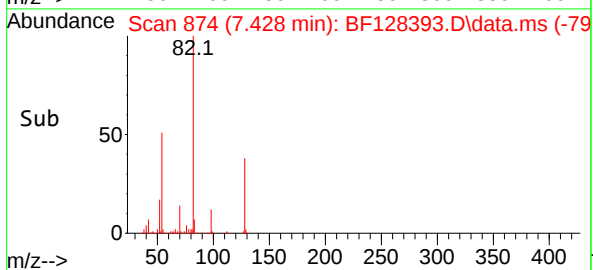
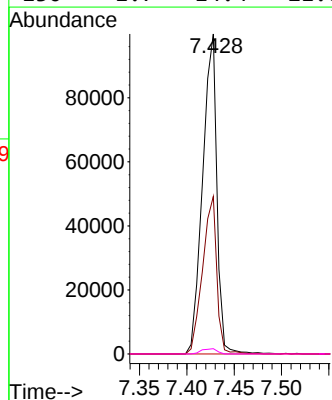
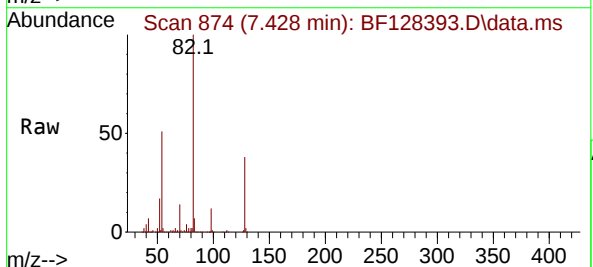
Instrument :
BNA_F
ClientSampleId :
PB145019BL

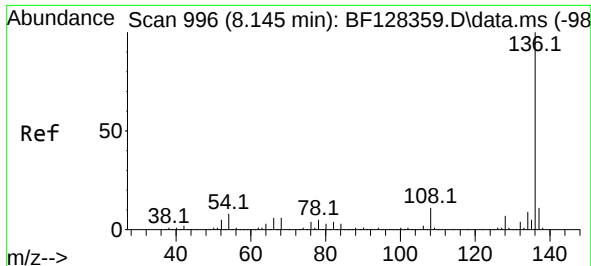
Tgt Ion: 99 Resp: 1106303
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 39.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.220 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128393.D
Acq: 23 May 2022 10:59

Tgt Ion: 70 Resp: 105007
Ion Ratio Lower Upper
70 100
42 49.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.140 min Scan# 996

Delta R.T. -0.005 min

Lab File: BF128393.D

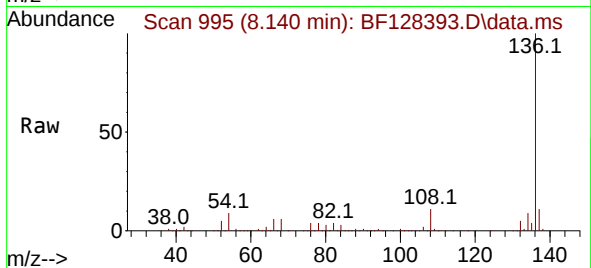
Acq: 23 May 2022 10:59

Instrument :

BNA_F

ClientSampleId :

PB145019BL



Tgt Ion:136 Resp: 455133

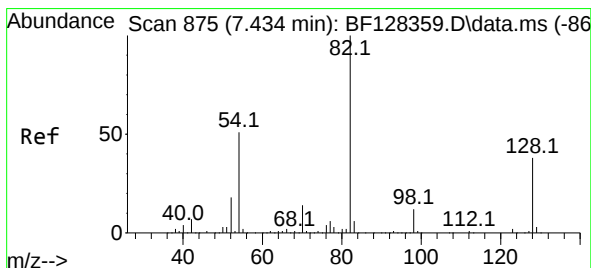
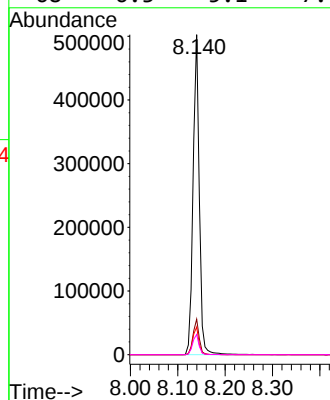
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.7 6.8 10.2

68 6.3 5.1 7.7



#23

Nitrobenzene-d5

Concen: 77.803 ng

RT: 7.428 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF128393.D

Acq: 23 May 2022 10:59

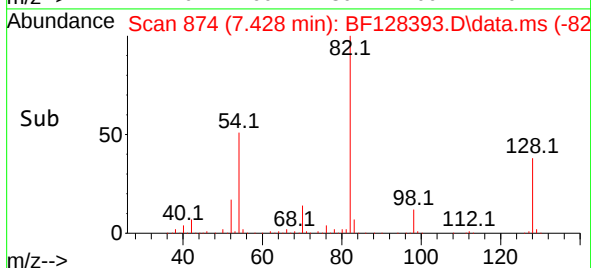
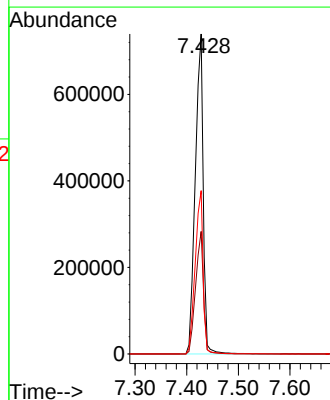
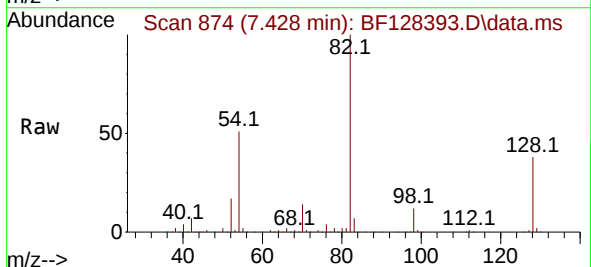
Tgt Ion: 82 Resp: 790326

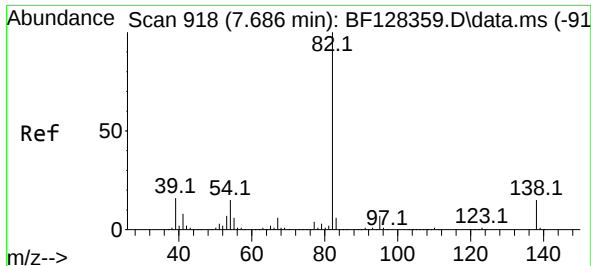
Ion Ratio Lower Upper

82 100

128 38.3 30.0 45.0

54 51.0 41.3 61.9

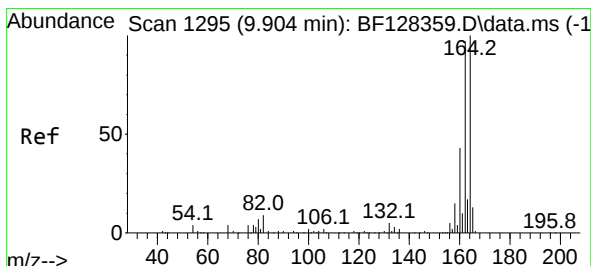
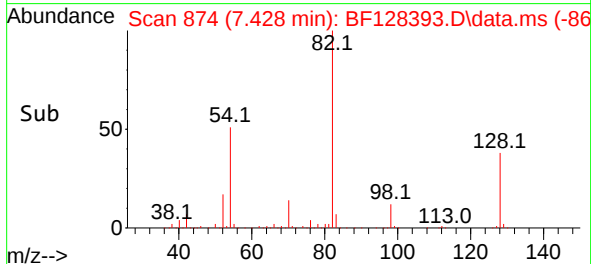
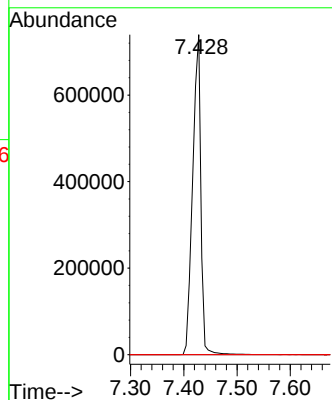
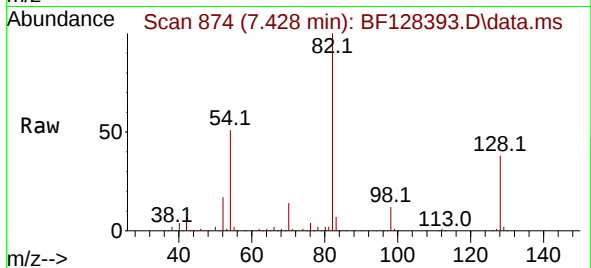




#25
Isophorone
Concen: 50.769 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128393.D
Acq: 23 May 2022 10:59

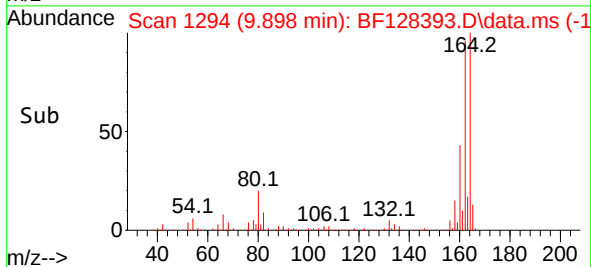
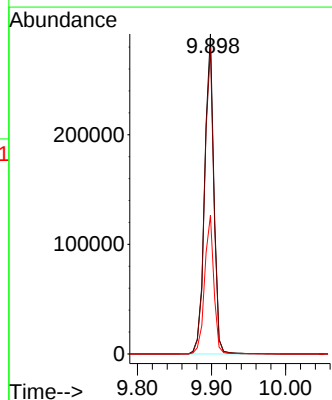
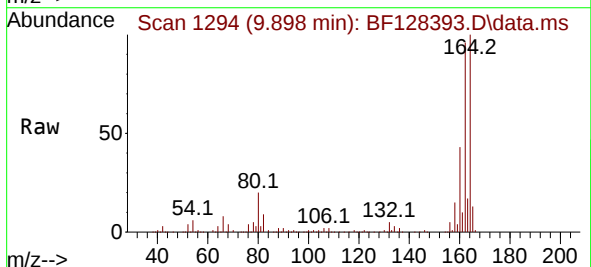
Instrument :
BNA_F
ClientSampleId :
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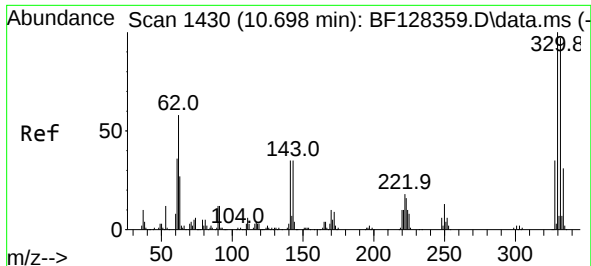
Tgt Ion: 82 Resp: 790321
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128393.D
Acq: 23 May 2022 10:59

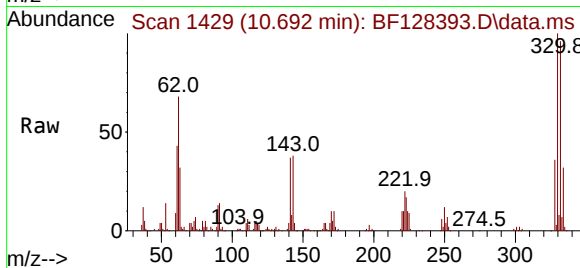
Tgt Ion: 164 Resp: 254386
Ion Ratio Lower Upper
164 100
162 95.7 76.0 114.0
160 43.3 34.8 52.2



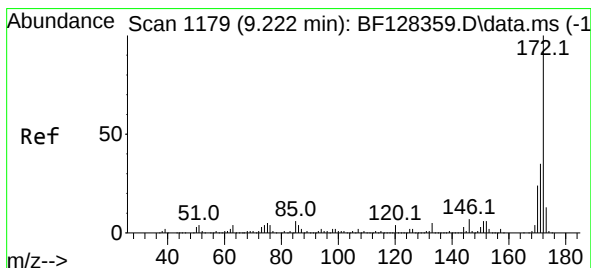
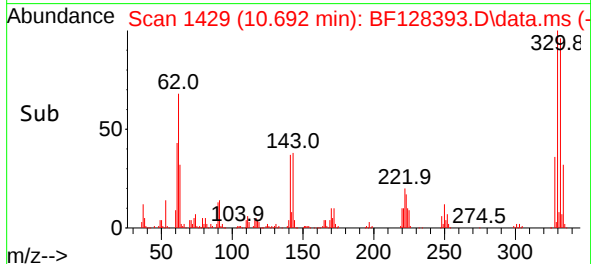
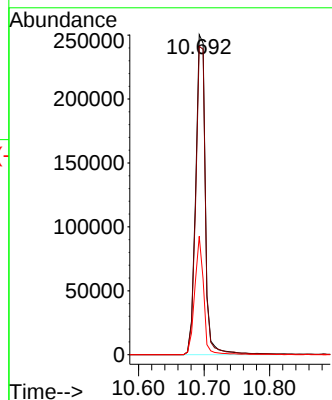


#42
2,4,6-Tribromophenol
Concen: 98.339 ng
RT: 10.692 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128393.D
Acq: 23 May 2022 10:59

Instrument :
BNA_F
ClientSampleId :
PB145019BL

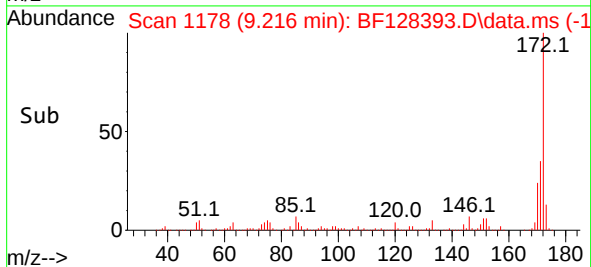
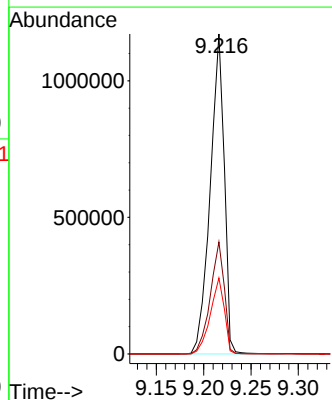
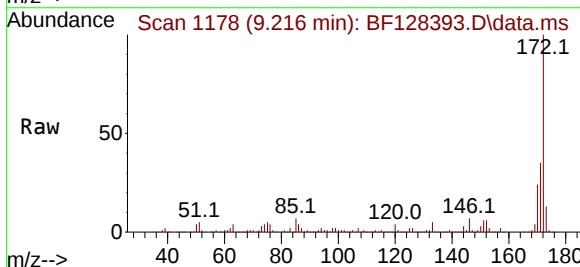


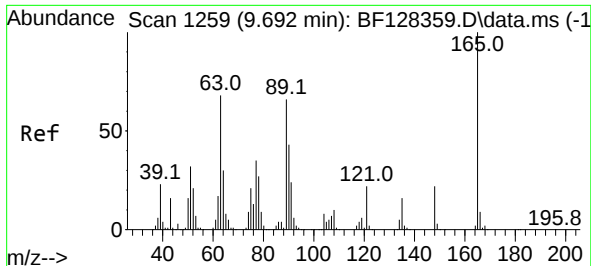
Tgt Ion: 330 Resp: 257991
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.4
141 34.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 77.642 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128393.D
Acq: 23 May 2022 10:59

Tgt Ion: 172 Resp: 1207765
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.185 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF128393.D

Acq: 23 May 2022 10:59

Instrument :

BNA_F

ClientSampleId :

PB145019BL

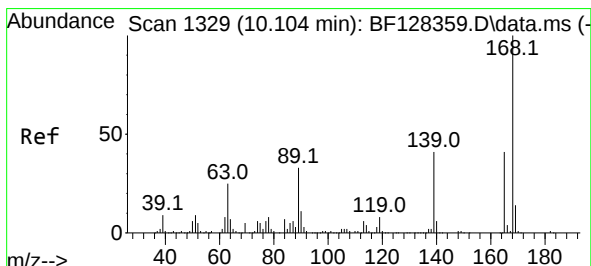
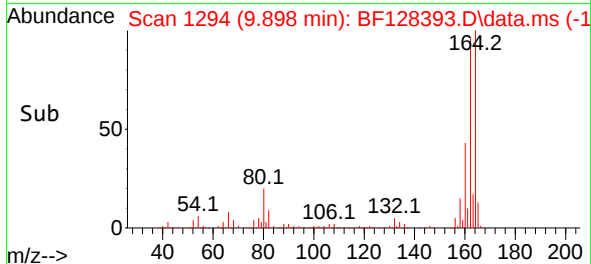
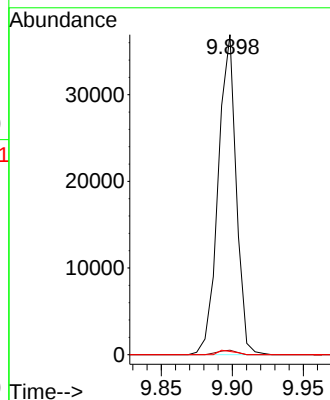
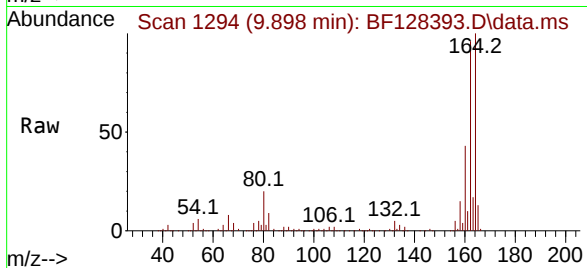
Tgt Ion:165 Resp: 32550

Ion Ratio Lower Upper

165 100

63 1.4 49.5 74.3#

89 1.0 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.290 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128393.D

Acq: 23 May 2022 10:59

Tgt Ion:165 Resp: 32550

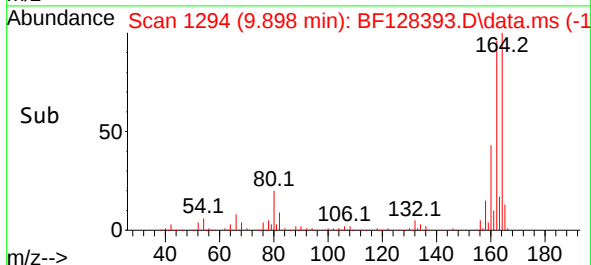
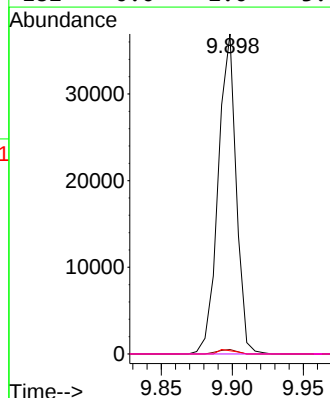
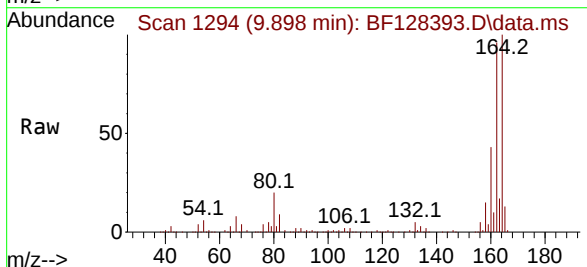
Ion Ratio Lower Upper

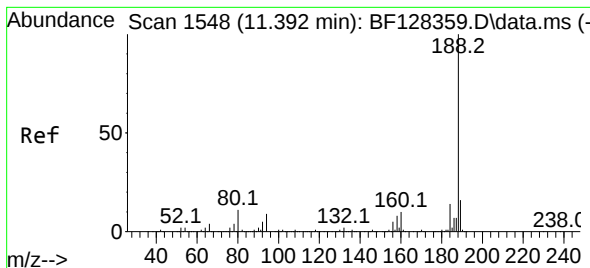
165 100

63 1.4 32.6 49.0#

89 1.0 55.2 82.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128393.D

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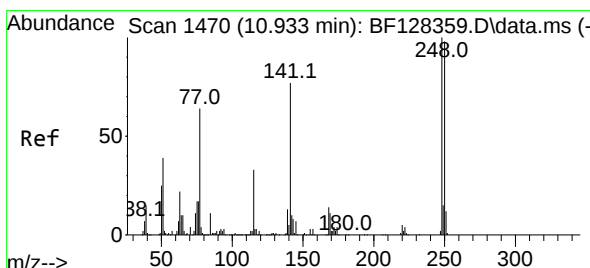
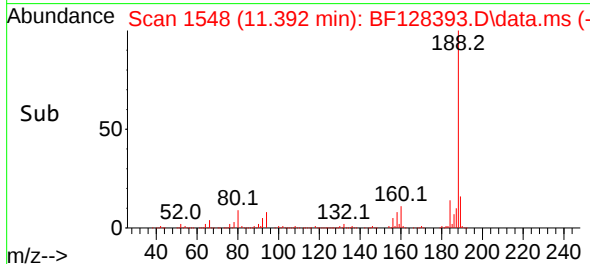
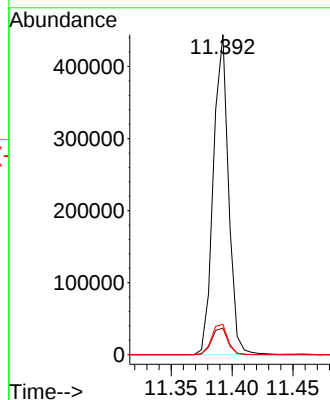
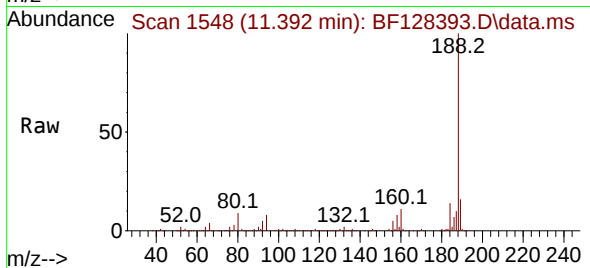
Tgt Ion:188 Resp: 384768

Ion Ratio Lower Upper

188 100

94 8.3 8.0 12.0

80 9.4 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.986 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF128393.D

Acq: 23 May 2022 10:59

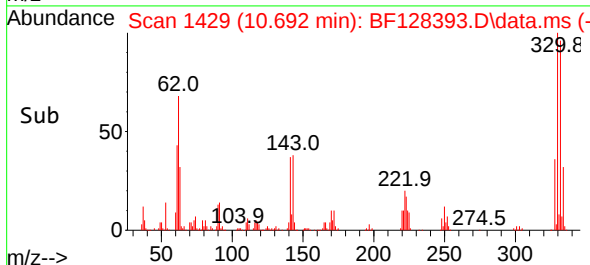
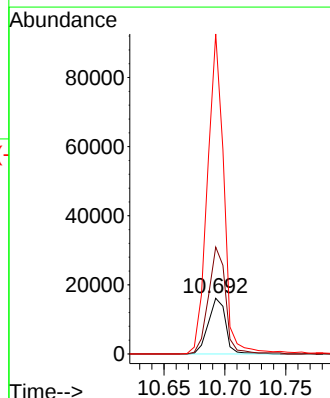
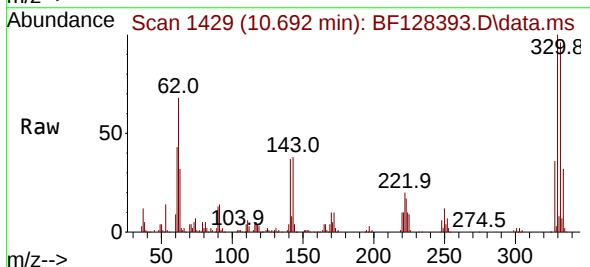
Tgt Ion:248 Resp: 16052

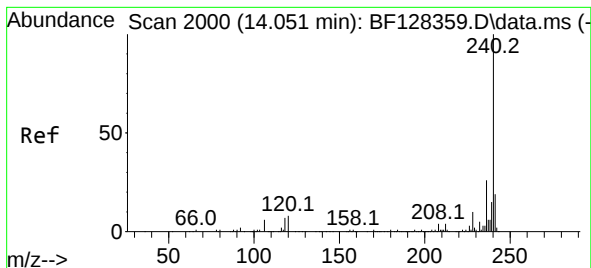
Ion Ratio Lower Upper

248 100

250 191.6 77.7 116.5#

141 573.8 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.011 min

Lab File: BF128393.D

Acq: 23 May 2022 10:59

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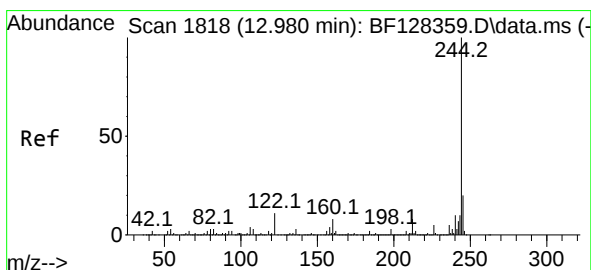
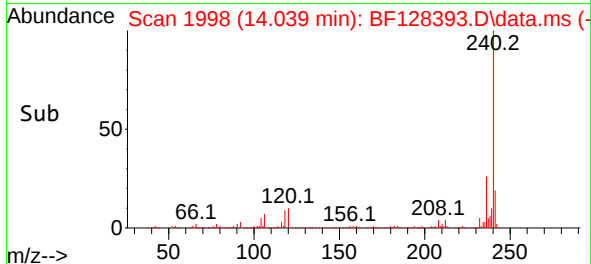
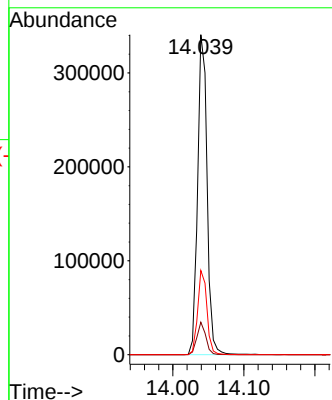
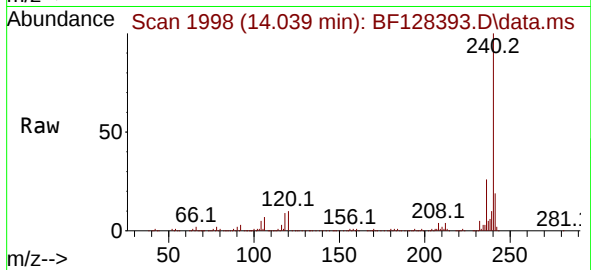
Tgt Ion:240 Resp: 316977

Ion Ratio Lower Upper

240 100

120 10.2 7.0 10.6

236 26.3 20.3 30.5



#79

Terphenyl-d14

Concen: 79.278 ng

RT: 12.981 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF128393.D

Acq: 23 May 2022 10:59

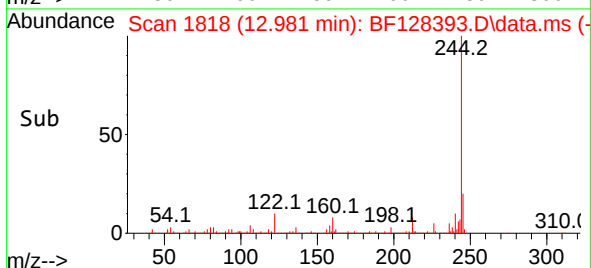
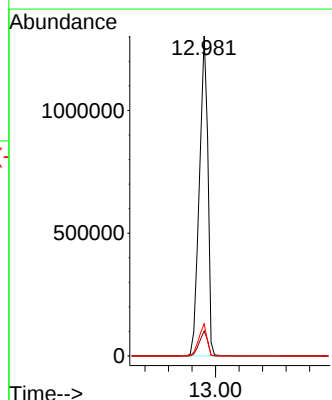
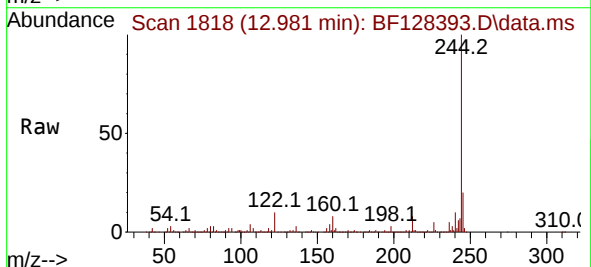
Tgt Ion:244 Resp: 1301751

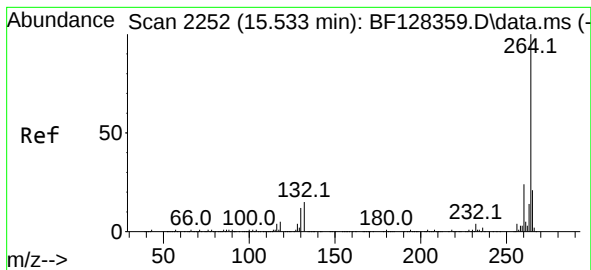
Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

122 10.1 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128393.D

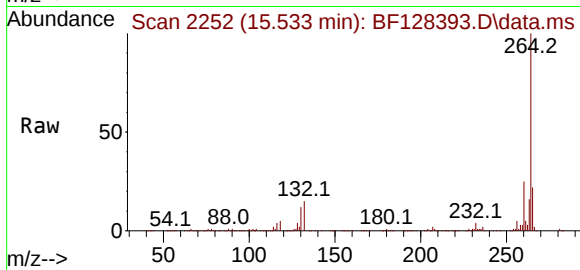
Acq: 23 May 2022 10:59

Instrument :

BNA_F

ClientSampleId :

PB145019BL



Tgt Ion:264 Resp: 274286

Ion Ratio Lower Upper

264 100

260 24.6 20.1 30.1

265 21.7 17.5 26.3

