

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128463.D
 Acq On : 25 May 2022 16:54
 Operator : CG\JU
 Sample : N2897-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P042-SS001-1824-01

Quant Time: May 26 01:01:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 12:38:46 2022
 Response via : Initial Calibration

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

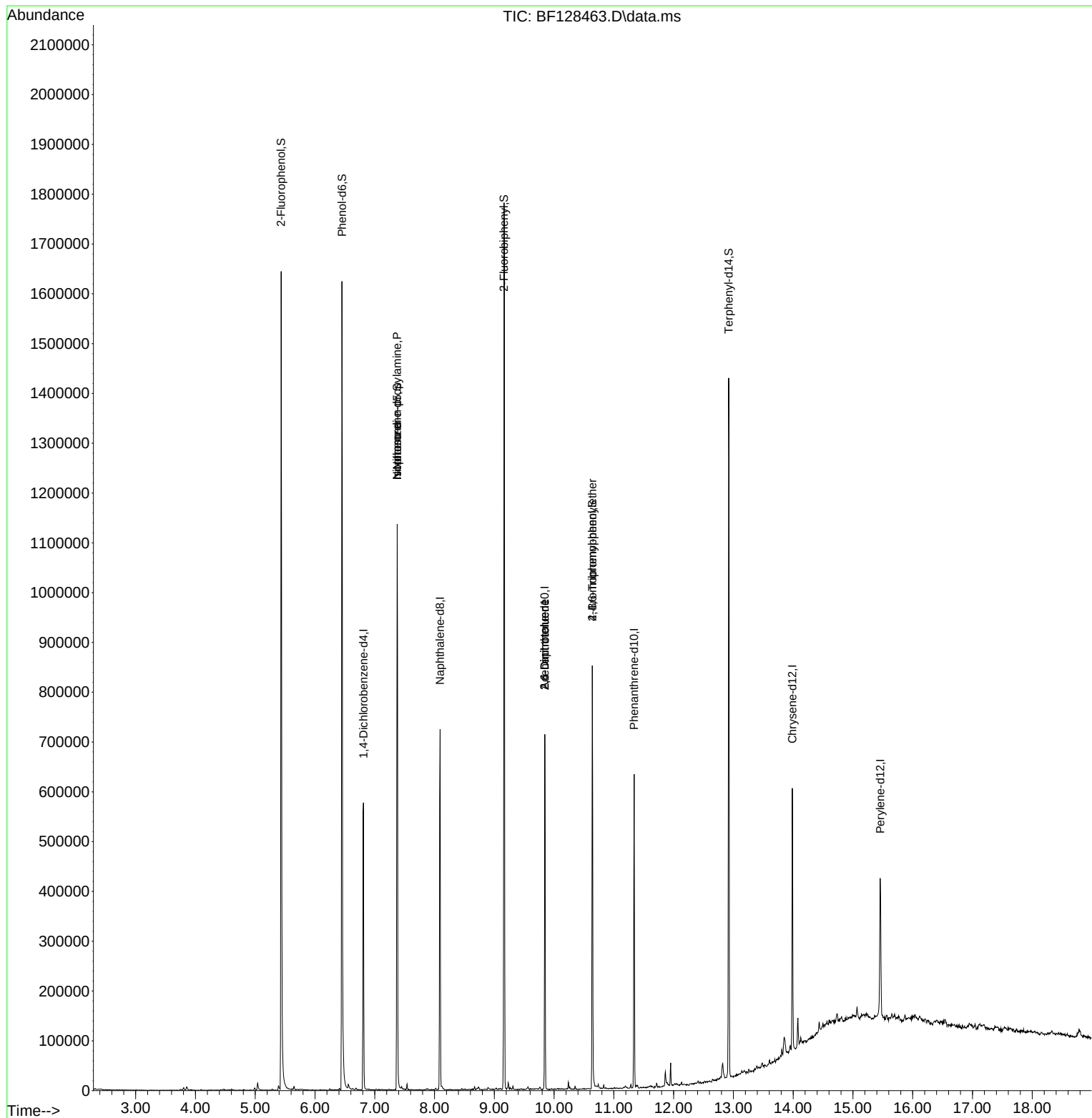
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	86737	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	296167	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	136042	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	210470	20.000	ng	0.00
76) Chrysene-d12	13.986	240	171898	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	126379	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	445968	81.822	ng	0.00
7) Phenol-d6	6.451	99	554251	77.225	ng	0.00
23) Nitrobenzene-d5	7.375	82	370013	55.977	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	97281	69.338	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	535006	64.312	ng	0.00
79) Terphenyl-d14	12.921	244	479256	53.821	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	82	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.375	70	48346	11.263	ng	# 79
25) Isophorone	7.375	82	370010	36.527	ng	# 68
51) 2,6-Dinitrotoluene	9.845	165	17668	9.322	ng	# 21
57) 2,4-Dinitrotoluene	9.845	165	17668	7.399	ng	# 26
67) 4-Bromophenyl-phenylether	10.639	248	5893	2.675	ng	# 1

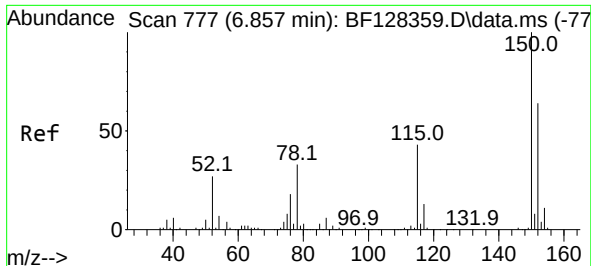
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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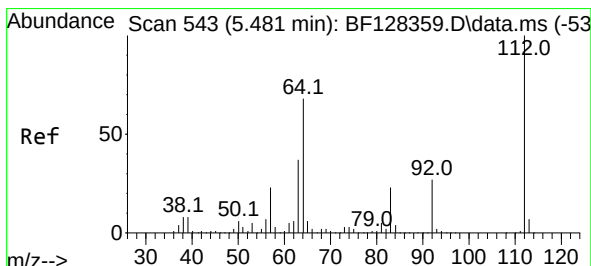
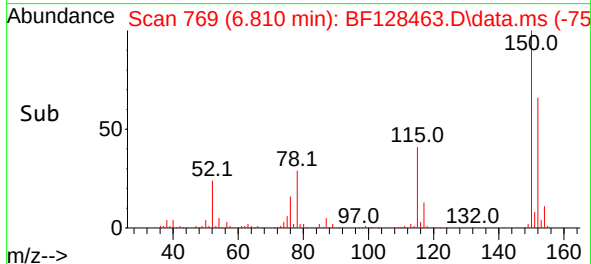
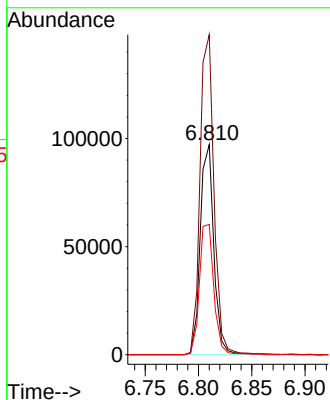
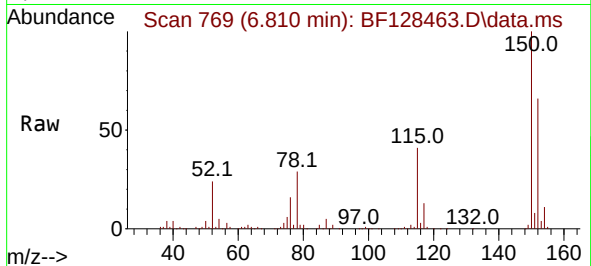




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128463.D
Acq: 25 May 2022 16:54

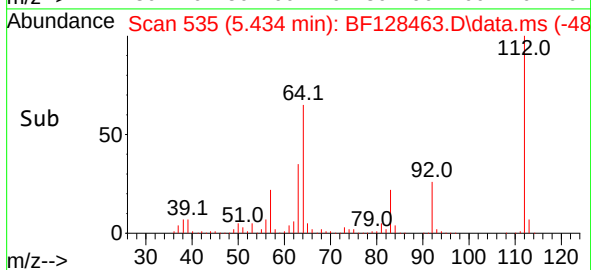
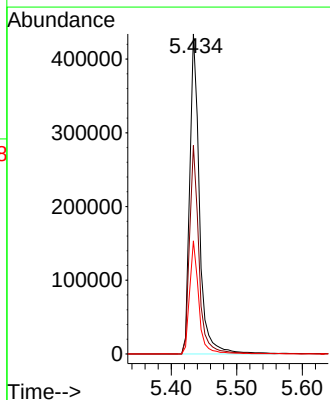
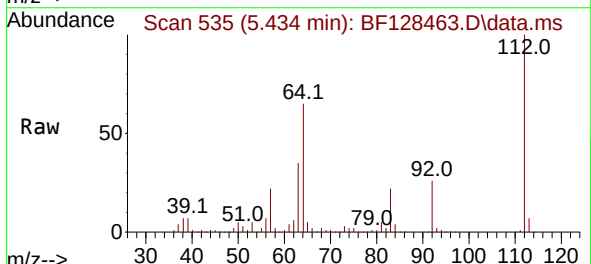
Instrument :
BNA_F
ClientSampleId :
P042-SS001-1824-01

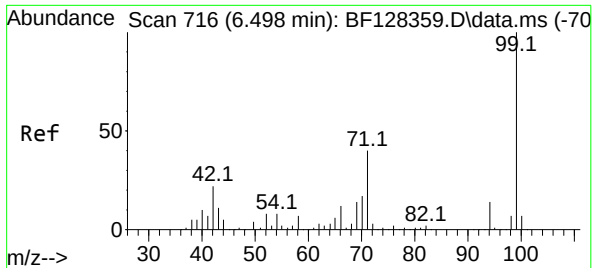
Tgt Ion:152 Resp: 86737
Ion Ratio Lower Upper
152 100
150 152.3 125.3 187.9
115 62.0 48.8 73.2



#5
2-Fluorophenol
Concen: 81.822 ng
RT: 5.434 min Scan# 535
Delta R.T. -0.000 min
Lab File: BF128463.D
Acq: 25 May 2022 16:54

Tgt Ion:112 Resp: 445968
Ion Ratio Lower Upper
112 100
64 65.2 49.5 74.3
63 35.4 26.3 39.5

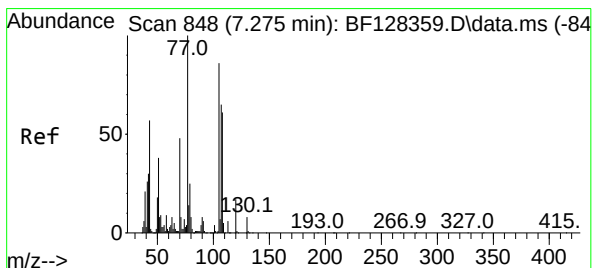
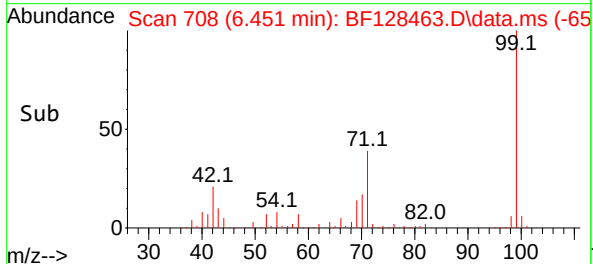
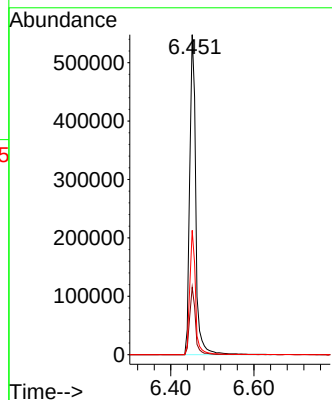
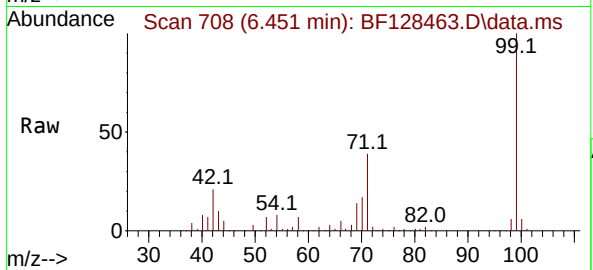




#7
Phenol-d6
Concen: 77.225 ng
RT: 6.451 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128463.D
Acq: 25 May 2022 16:54

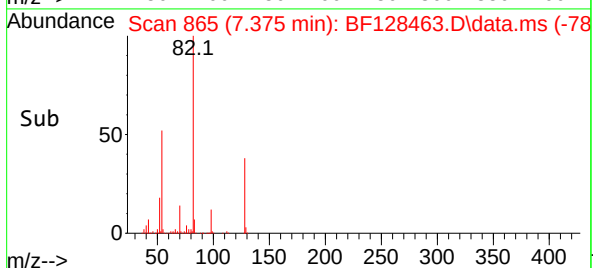
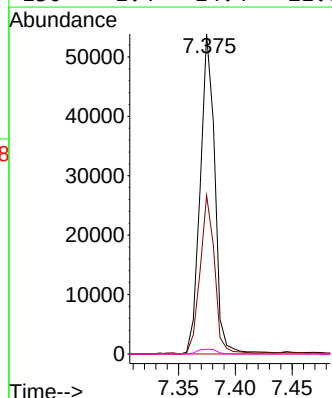
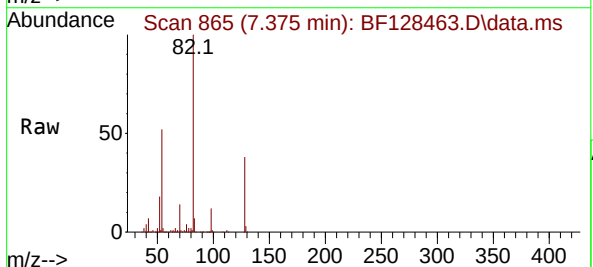
Instrument :
BNA_F
ClientSampleId :
P042-SS001-1824-01

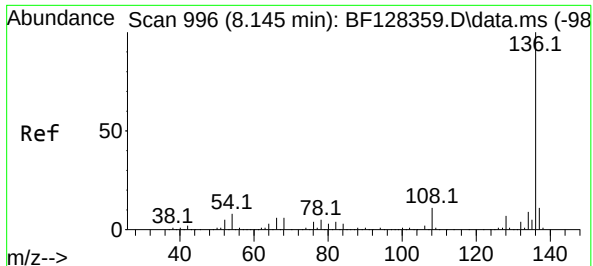
Tgt Ion: 99 Resp: 554251
Ion Ratio Lower Upper
99 100
42 21.1 16.6 24.8
71 38.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.263 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128463.D
Acq: 25 May 2022 16:54

Tgt Ion: 70 Resp: 48346
Ion Ratio Lower Upper
70 100
42 49.6 48.7 73.1
101 0.0 7.2 10.8#
130 1.4 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128463.D

Acq: 25 May 2022 16:54

Instrument :

BNA_F

ClientSampleId :

P042-SS001-1824-01

Tgt Ion:136 Resp: 296167

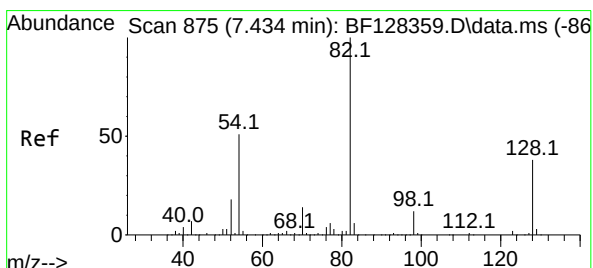
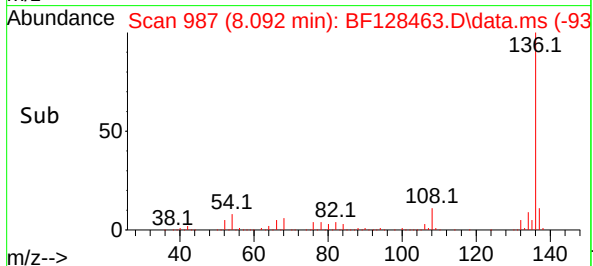
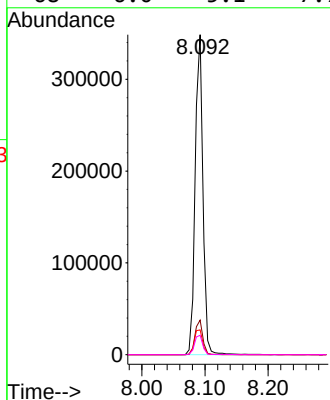
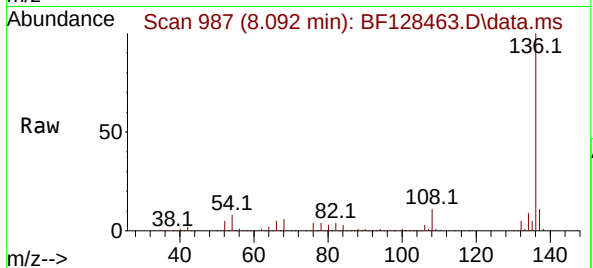
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.7 6.8 10.2

68 6.0 5.1 7.7



#23

Nitrobenzene-d5

Concen: 55.977 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF128463.D

Acq: 25 May 2022 16:54

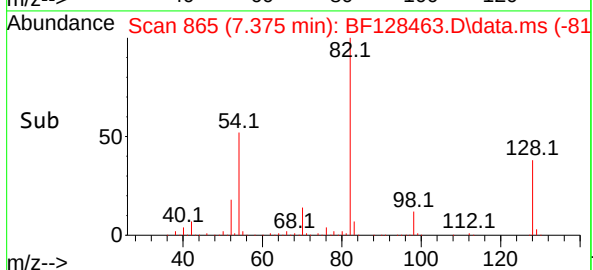
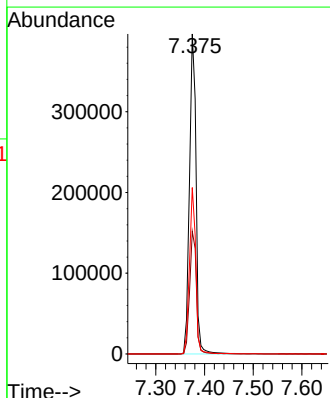
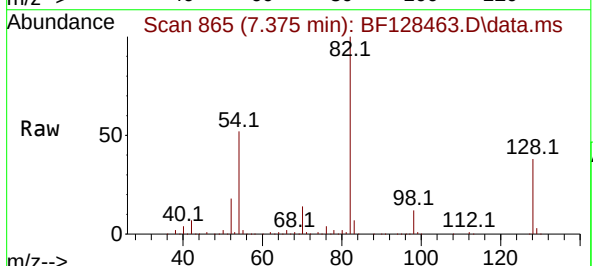
Tgt Ion: 82 Resp: 370013

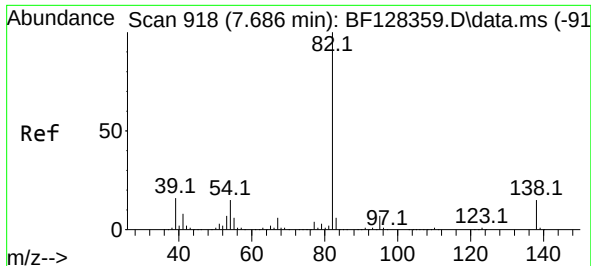
Ion Ratio Lower Upper

82 100

128 38.3 30.0 45.0

54 52.0 41.3 61.9

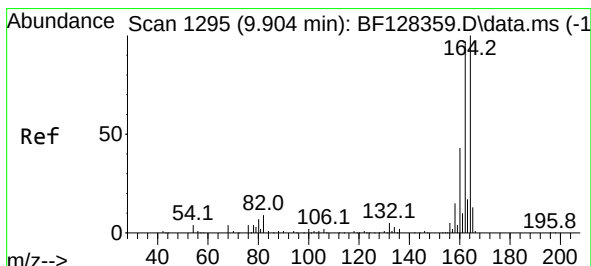
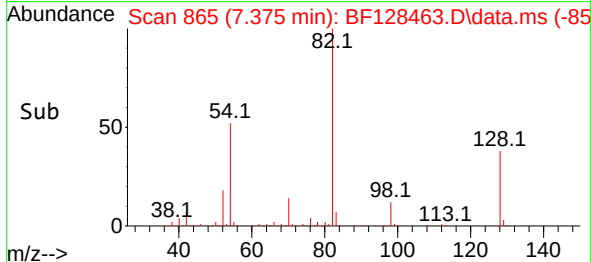
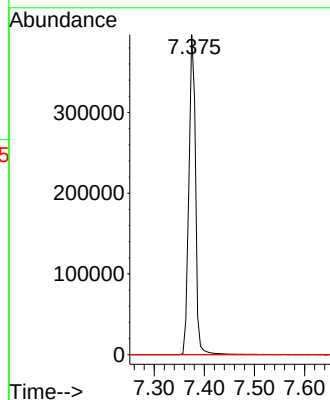
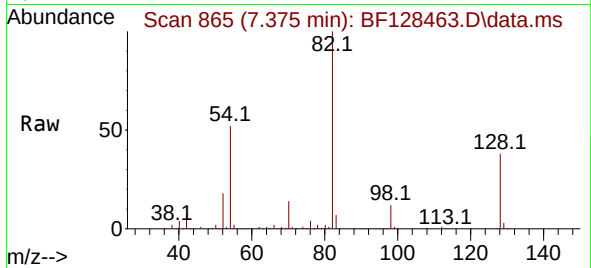




#25
Isophorone
Concen: 36.527 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128463.D
Acq: 25 May 2022 16:54

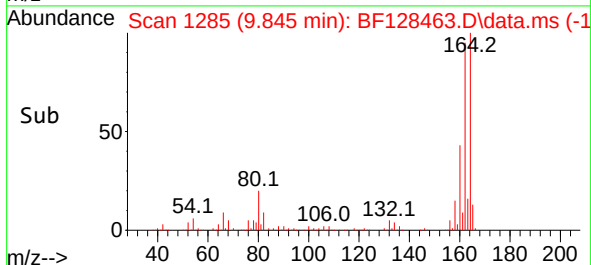
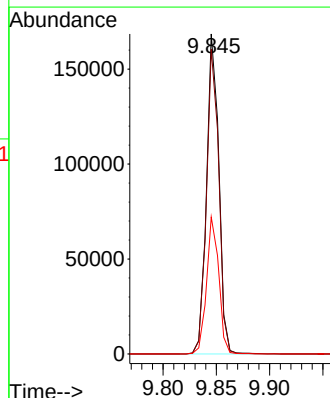
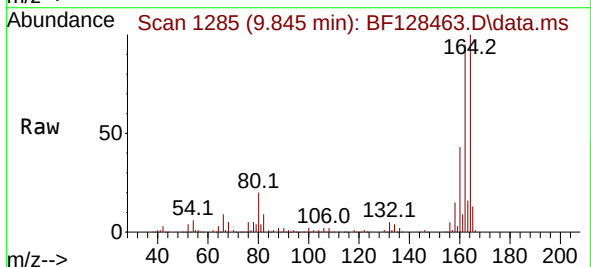
Instrument :
BNA_F
ClientSampleId :
P042-SS001-1824-01

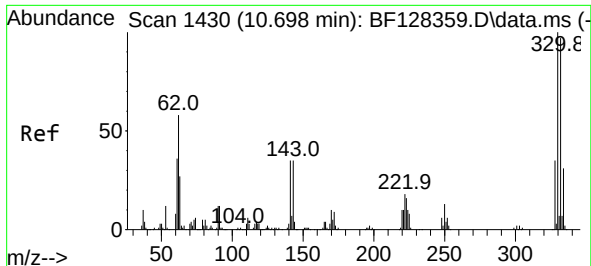
Tgt Ion: 82 Resp: 370010
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF128463.D
Acq: 25 May 2022 16:54

Tgt Ion: 164 Resp: 136042
Ion Ratio Lower Upper
164 100
162 95.2 76.0 114.0
160 42.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 69.338 ng

RT: 10.639 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128463.D

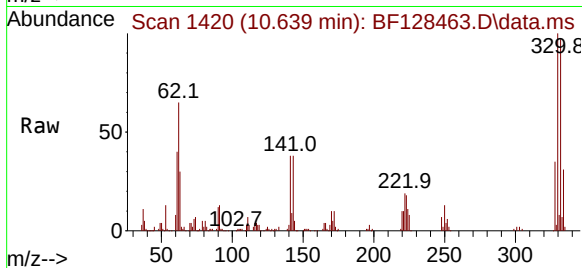
Acq: 25 May 2022 16:54

Instrument :

BNA_F

ClientSampleId :

P042-SS001-1824-01



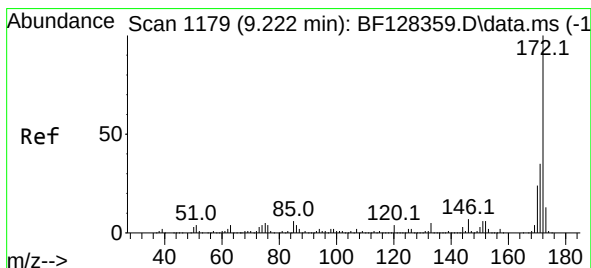
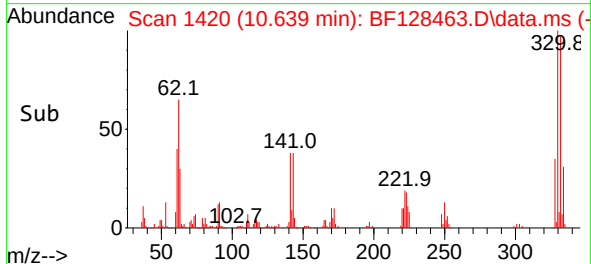
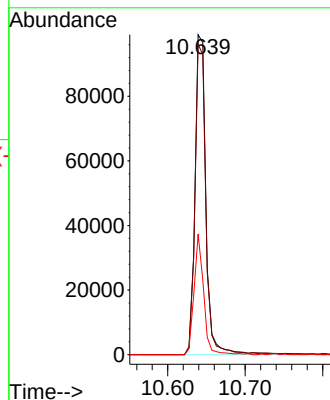
Tgt Ion:330 Resp: 97281

Ion Ratio Lower Upper

330 100

332 95.5 79.0 118.4

141 33.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 64.312 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF128463.D

Acq: 25 May 2022 16:54

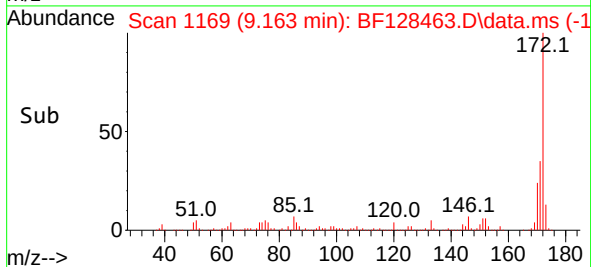
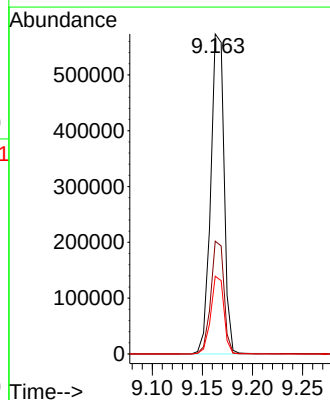
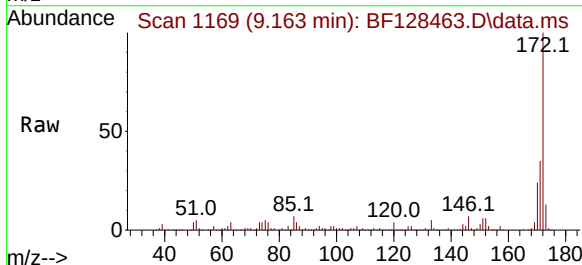
Tgt Ion:172 Resp: 535006

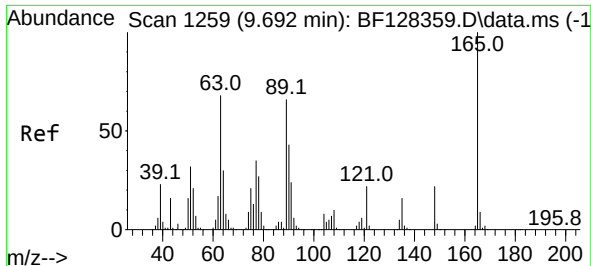
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 24.3 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.322 ng

RT: 9.845 min Scan# 1285

Delta R.T. 0.200 min

Lab File: BF128463.D

Acq: 25 May 2022 16:54

Instrument :

BNA_F

ClientSampleId :

P042-SS001-1824-01

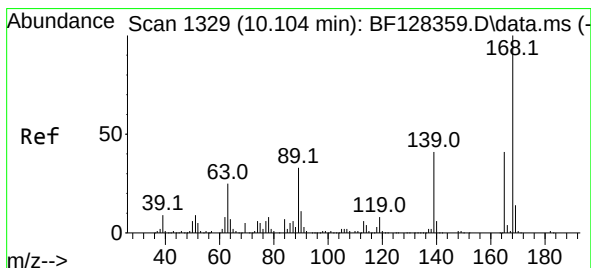
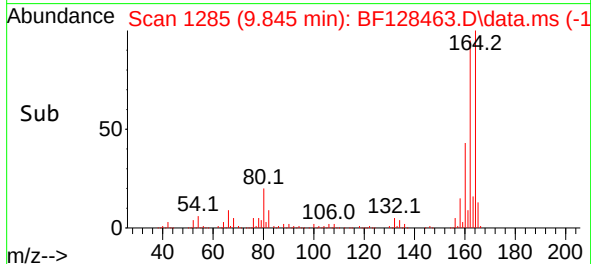
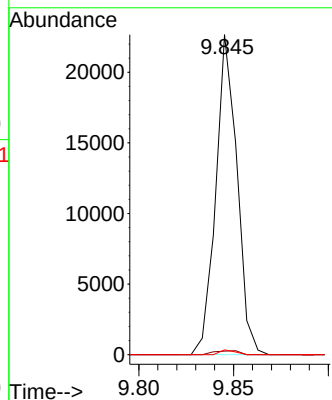
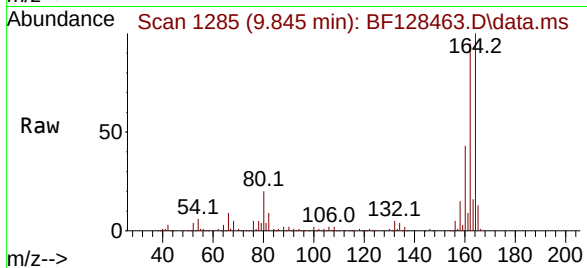
Tgt Ion:165 Resp: 17668

Ion Ratio Lower Upper

165 100

63 1.1 49.5 74.3#

89 1.5 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.399 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.206 min

Lab File: BF128463.D

Acq: 25 May 2022 16:54

Tgt Ion:165 Resp: 17668

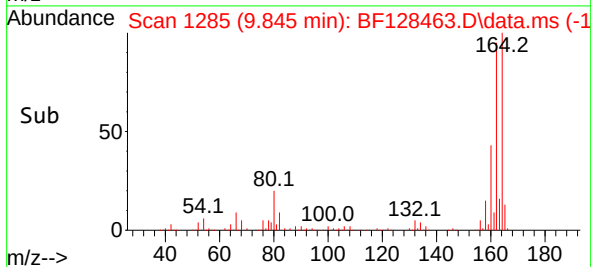
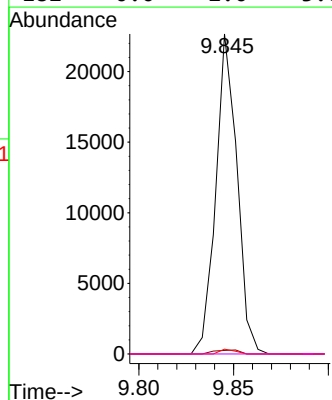
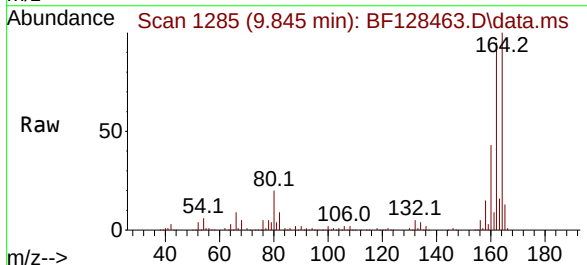
Ion Ratio Lower Upper

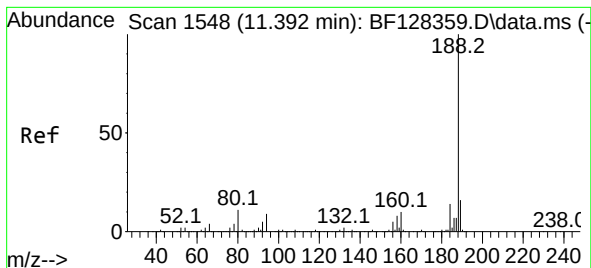
165 100

63 1.1 32.6 49.0#

89 1.5 55.2 82.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128463.D

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P042-SS001-1824-01

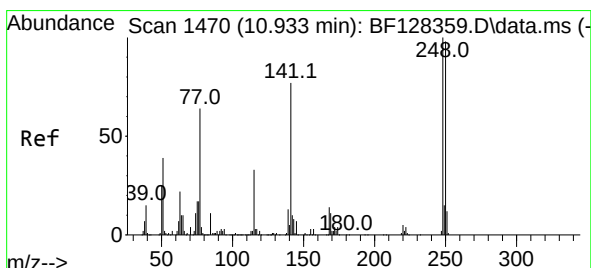
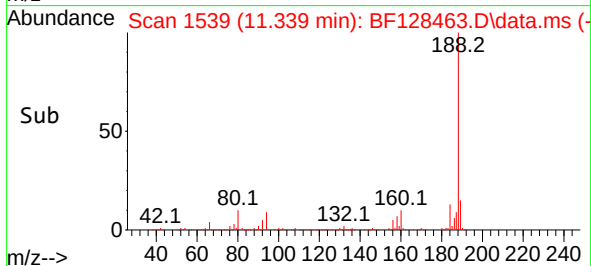
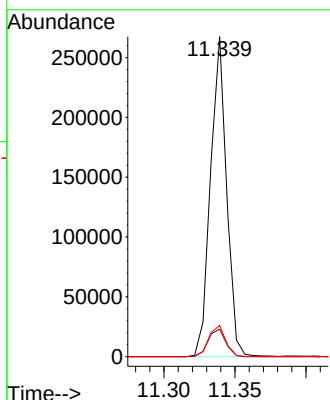
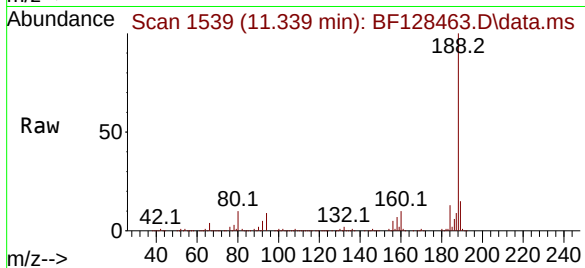
Tgt Ion:188 Resp: 210470

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

80 9.8 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 2.675 ng

RT: 10.639 min Scan# 1420

Delta R.T. -0.241 min

Lab File: BF128463.D

Acq: 25 May 2022 16:54

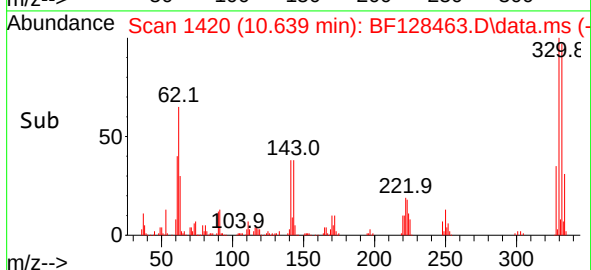
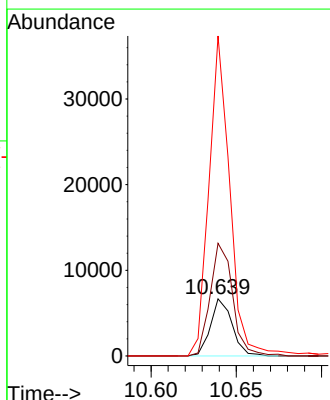
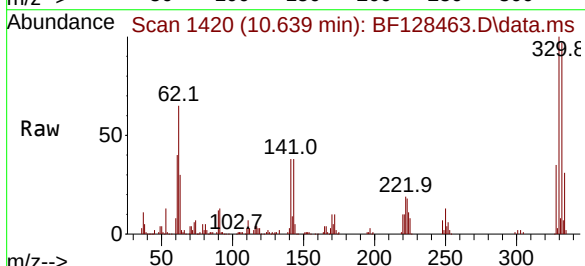
Tgt Ion:248 Resp: 5893

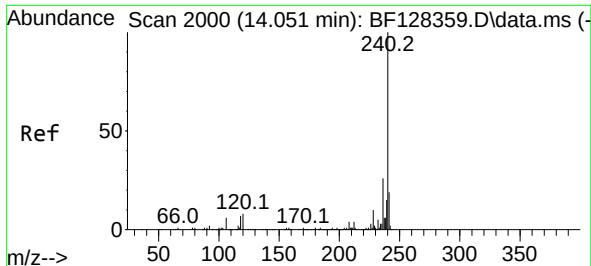
Ion Ratio Lower Upper

248 100

250 197.0 77.7 116.5#

141 559.9 65.6 98.4#

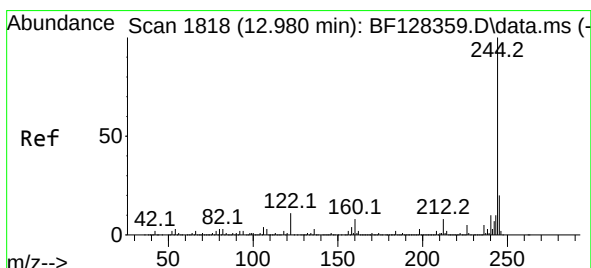
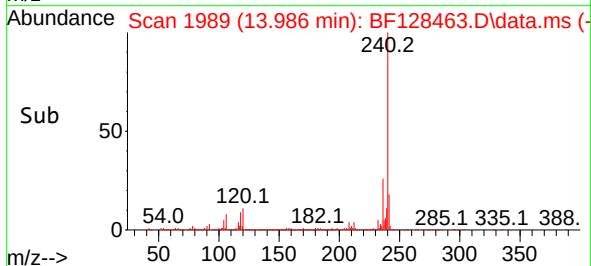
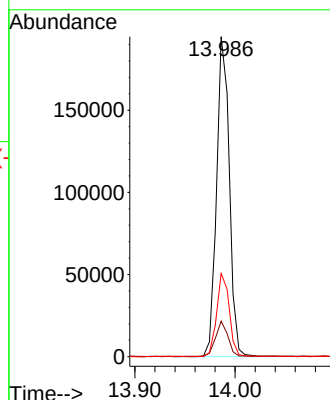
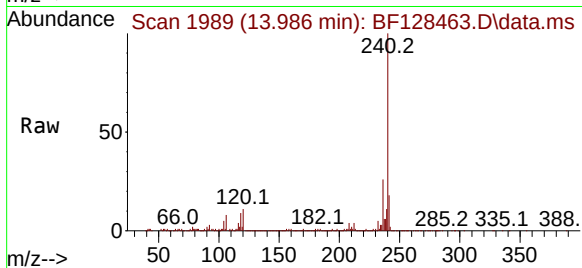




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF128463.D
Acq: 25 May 2022 16:54

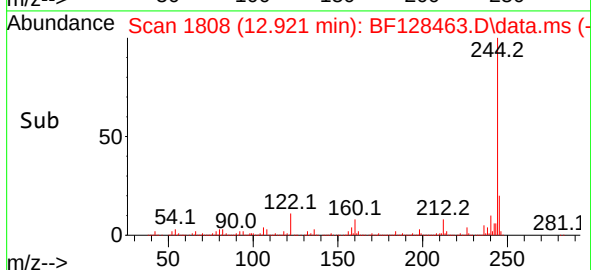
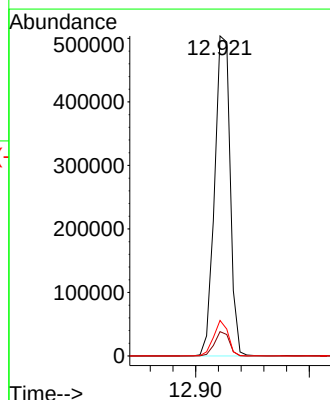
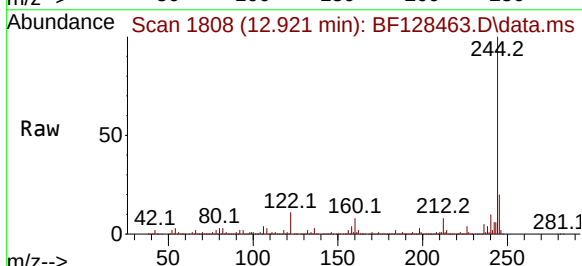
Instrument :
BNA_F
ClientSampleId :
P042-SS001-1824-01

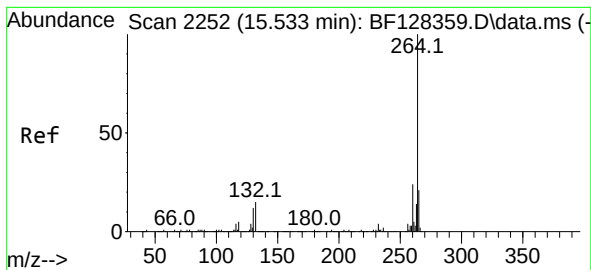
Tgt Ion:240 Resp: 171898
Ion Ratio Lower Upper
240 100
120 11.1 7.0 10.6#
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 53.821 ng
RT: 12.921 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF128463.D
Acq: 25 May 2022 16:54

Tgt Ion:244 Resp: 479256
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 11.1 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128463.D

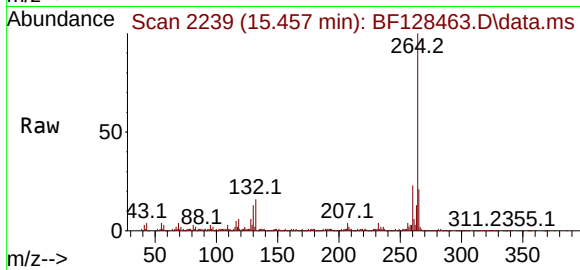
Acq: 25 May 2022 16:54

Instrument :

BNA_F

ClientSampleId :

P042-SS001-1824-01



Tgt Ion:264 Resp: 126379

Ion Ratio Lower Upper

264 100

260 23.3 20.1 30.1

265 21.3 17.5 26.3

