

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128455.D
 Acq On : 25 May 2022 13:01
 Operator : CG\JU
 Sample : N2897-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P041-SS001-1824-01

Quant Time: May 26 01:00:20 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)

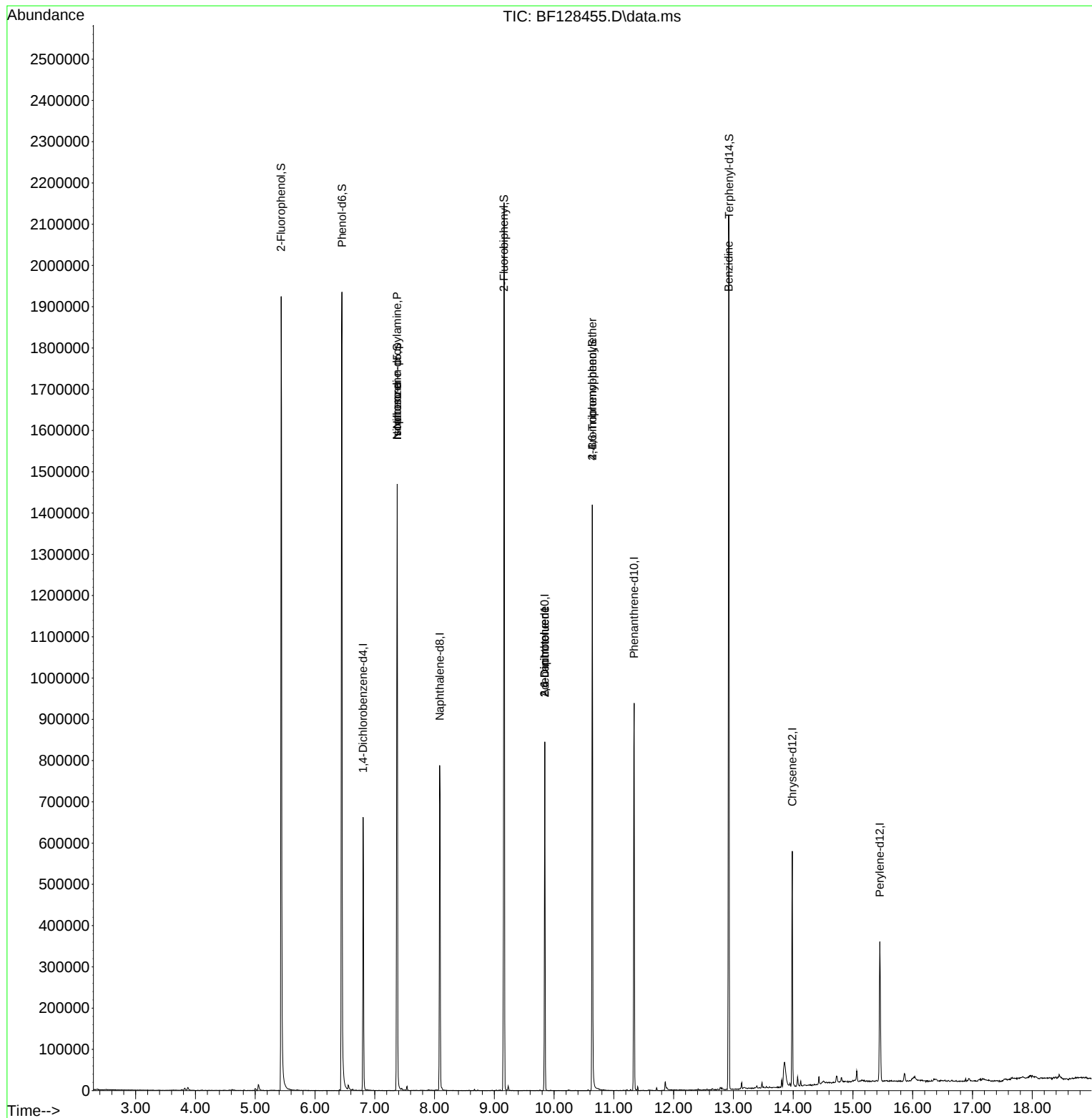
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	93387	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	356893	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	160327	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	348808	20.000	ng	0.00
76) Chrysene-d12	13.986	240	186993	20.000	ng	0.00
86) Perylene-d12	15.451	264	149299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	544526	92.791	ng	0.00
7) Phenol-d6	6.451	99	701132	90.734	ng	0.00
23) Nitrobenzene-d5	7.375	82	494493	62.080	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	157970	95.540	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	654287	66.737	ng	0.00
79) Terphenyl-d14	12.927	244	766516	79.131	ng	0.00
Target Compounds						
9) Benzaldehyde	6.451	77	1261	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	7.375	70	65121	14.091	ng	# 81
25) Isophorone	7.375	82	494488	40.509	ng	# 68
51) 2,6-Dinitrotoluene	9.845	165	20299	9.088	ng	# 21
57) 2,4-Dinitrotoluene	9.845	165	20299	7.213	ng	# 26
67) 4-Bromophenyl-phenylether	10.639	248	9578	2.624	ng	# 1
77) Benizidine	12.922	184	11307	2.907	ng	# 89

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

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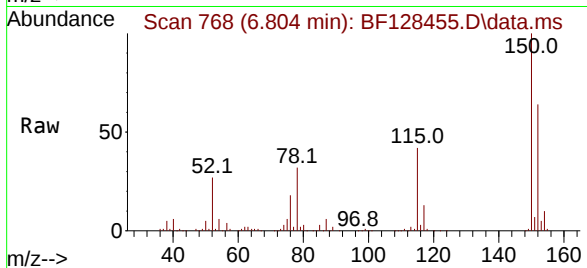
Quant Time: May 26 01:00:20 2022
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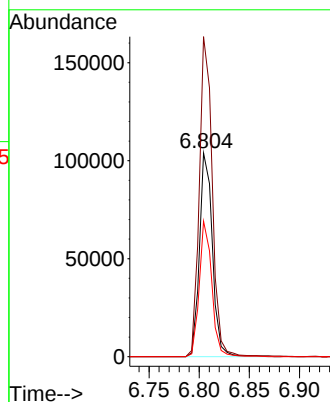
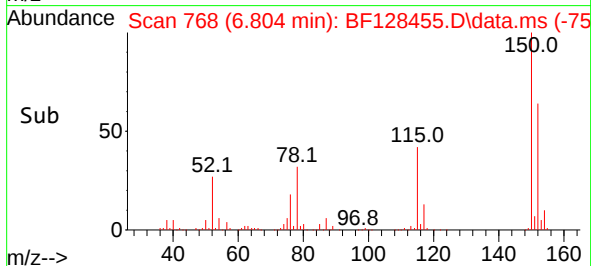


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128455.D
Acq: 25 May 2022 13:01

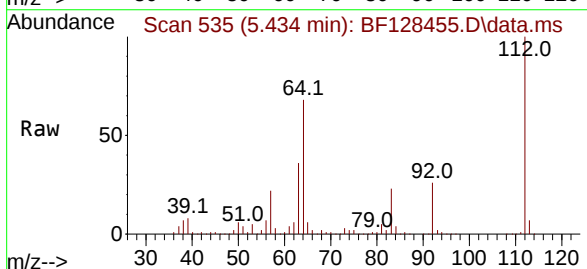
Instrument :
BNA_F
ClientSampleId :
P041-SS001-1824-01



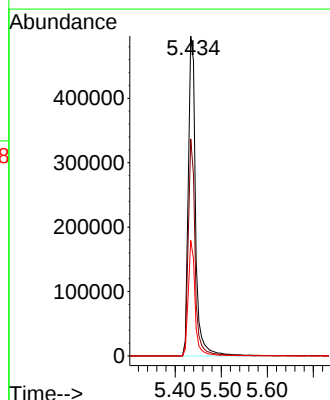
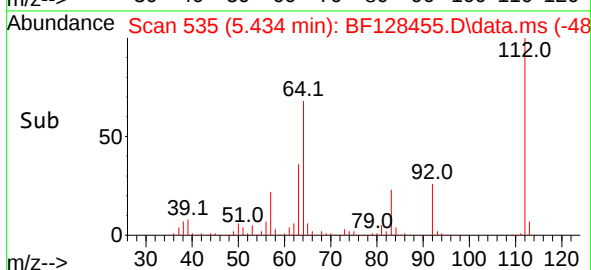
Tgt Ion:152 Resp: 93387
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 66.5 48.8 73.2

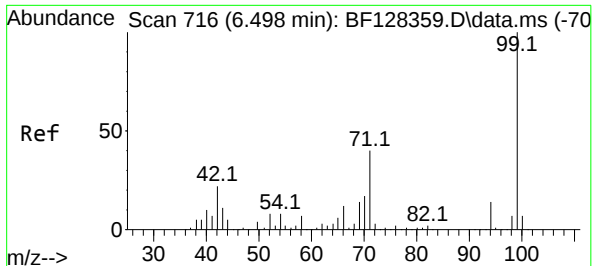


#5
2-Fluorophenol
Concen: 92.791 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.000 min
Lab File: BF128455.D
Acq: 25 May 2022 13:01



Tgt Ion:112 Resp: 544526
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 36.1 26.3 39.5

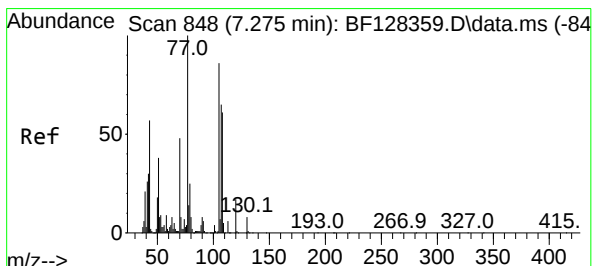
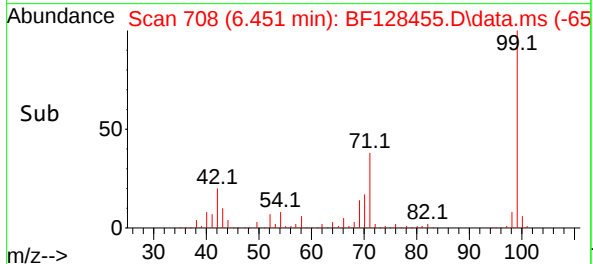
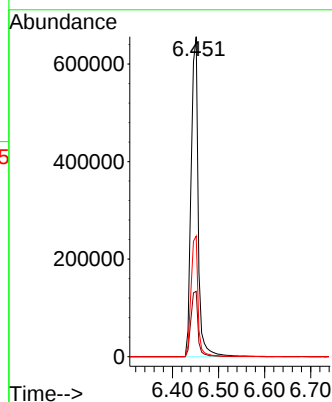
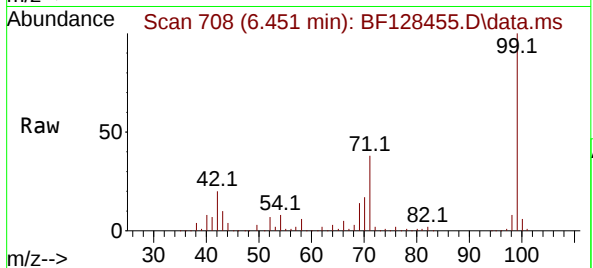




#7
Phenol-d6
Concen: 90.734 ng
RT: 6.451 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128455.D
Acq: 25 May 2022 13:01

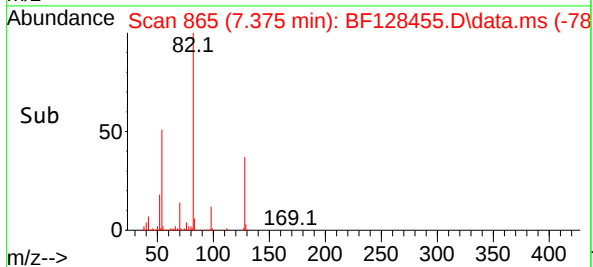
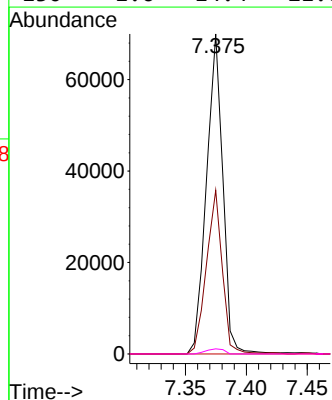
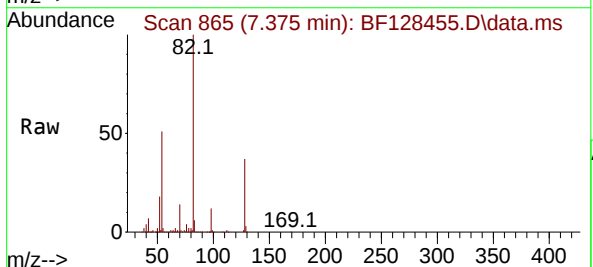
Instrument :
BNA_F
ClientSampleId :
P041-SS001-1824-01

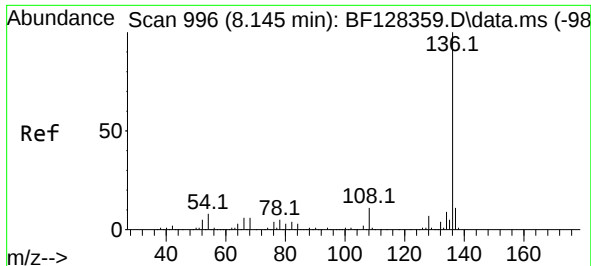
Tgt Ion: 99 Resp: 701132
Ion Ratio Lower Upper
99 100
42 20.4 16.6 24.8
71 37.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.091 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128455.D
Acq: 25 May 2022 13:01

Tgt Ion: 70 Resp: 65121
Ion Ratio Lower Upper
70 100
42 51.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

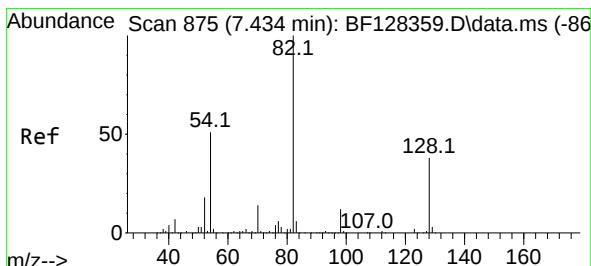
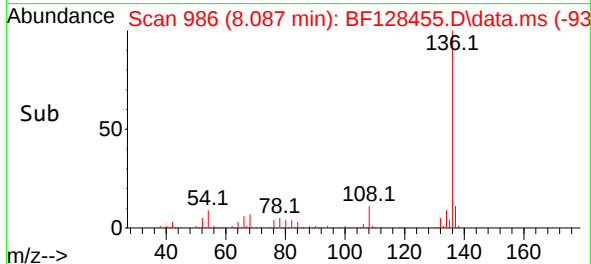
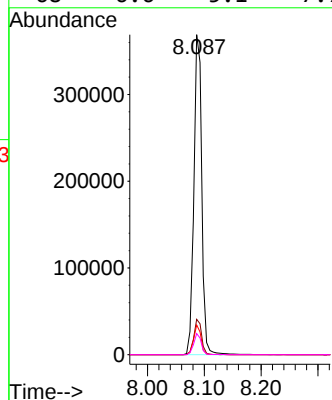
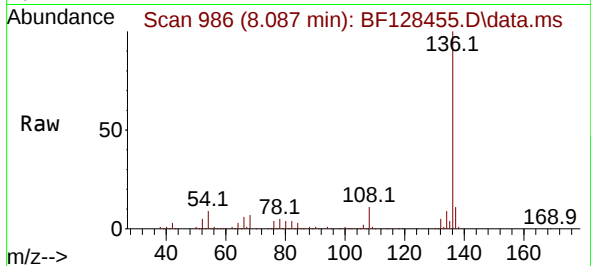




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128455.D
Acq: 25 May 2022 13:01

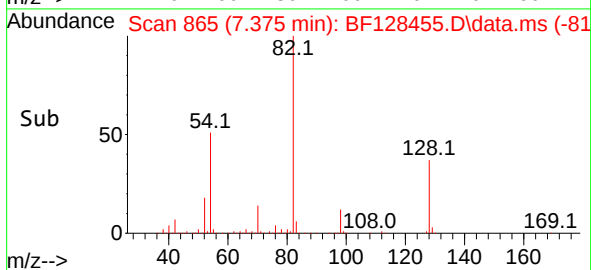
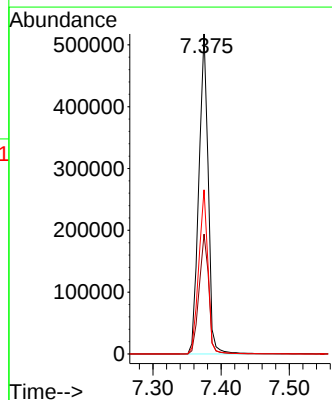
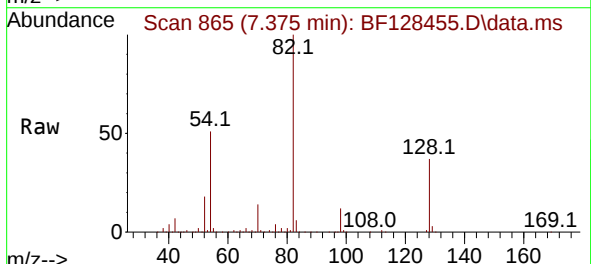
Instrument :
BNA_F
ClientSampleId :
P041-SS001-1824-01

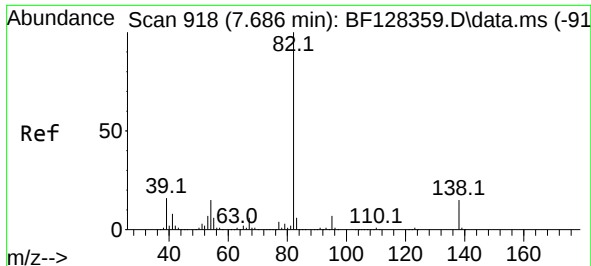
Tgt Ion:136 Resp: 356893
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.3 6.8 10.2
68 6.6 5.1 7.7



#23
Nitrobenzene-d5
Concen: 62.080 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128455.D
Acq: 25 May 2022 13:01

Tgt Ion: 82 Resp: 494493
Ion Ratio Lower Upper
82 100
128 37.5 30.0 45.0
54 51.3 41.3 61.9

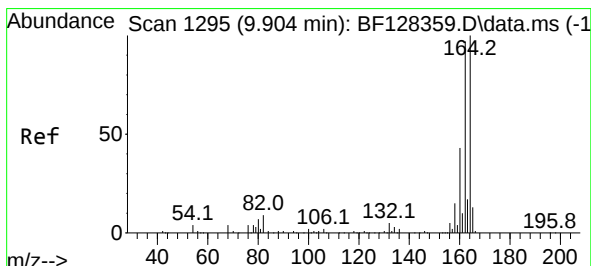
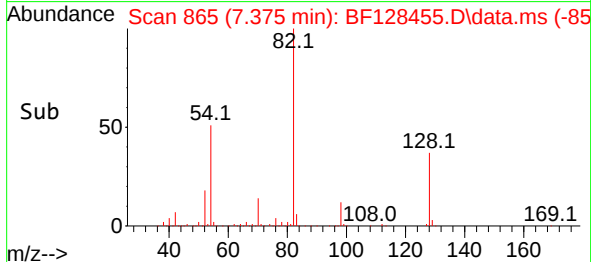
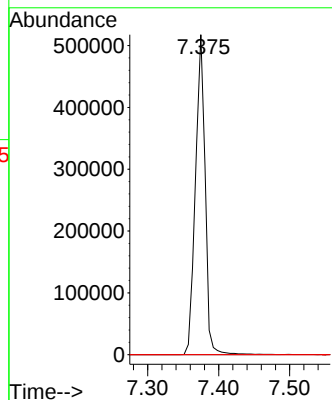
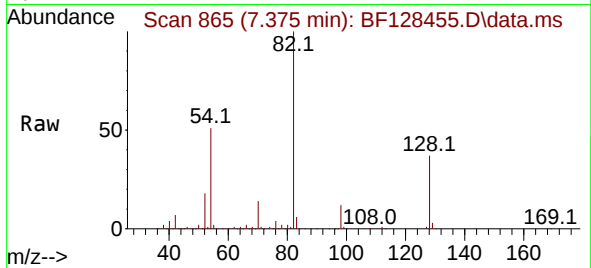




#25
Isophorone
Concen: 40.509 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128455.D
Acq: 25 May 2022 13:01

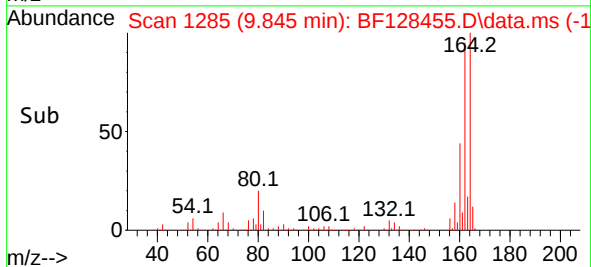
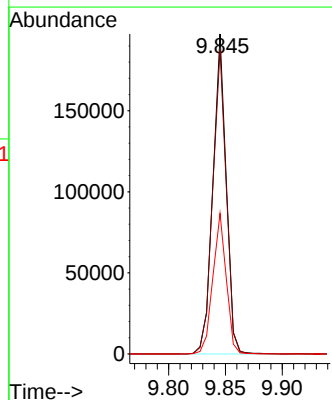
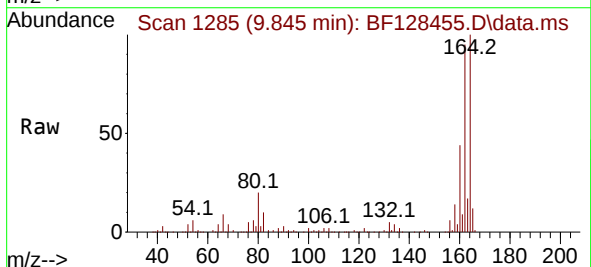
Instrument :
BNA_F
ClientSampleId :
P041-SS001-1824-01

Tgt Ion: 82 Resp: 494488
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: BF128455.D
Acq: 25 May 2022 13:01

Tgt Ion:164 Resp: 160327
Ion Ratio Lower Upper
164 100
162 95.1 76.0 114.0
160 43.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 95.540 ng

RT: 10.639 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128455.D

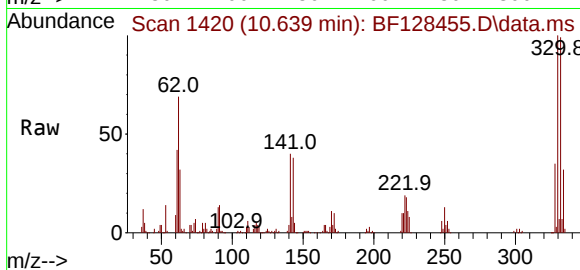
Acq: 25 May 2022 13:01

Instrument :

BNA_F

ClientSampleId :

P041-SS001-1824-01



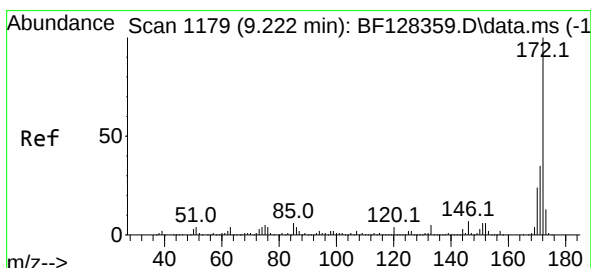
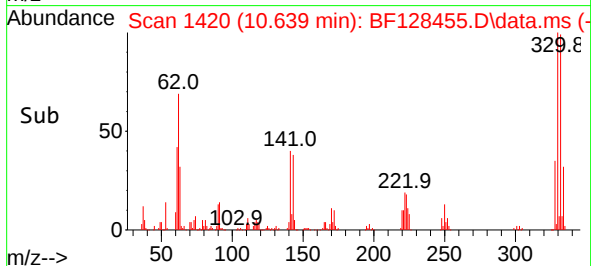
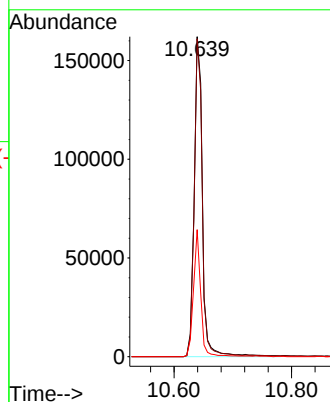
Tgt Ion:330 Resp: 157970

Ion Ratio Lower Upper

330 100

332 95.9 79.0 118.4

141 35.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 66.737 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF128455.D

Acq: 25 May 2022 13:01

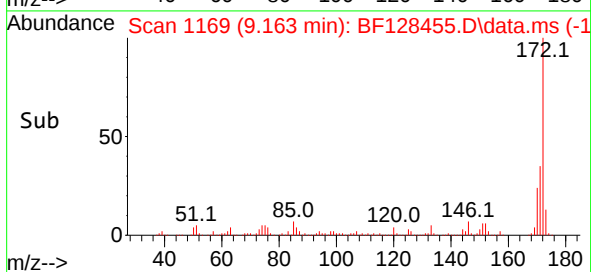
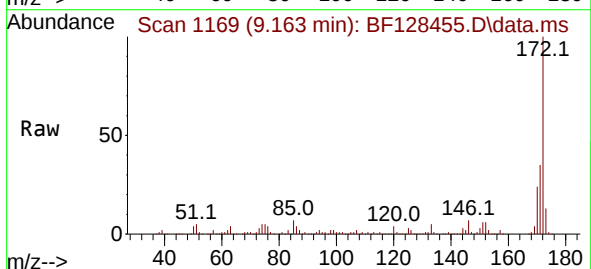
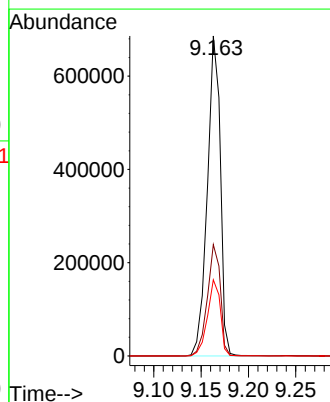
Tgt Ion:172 Resp: 654287

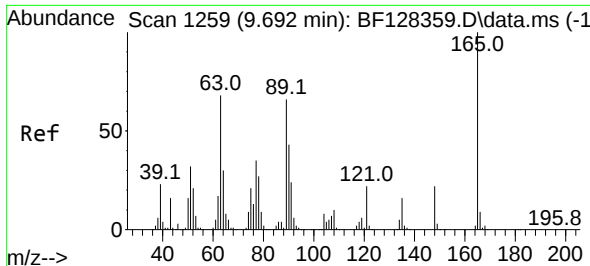
Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.088 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF128455.D

Acq: 25 May 2022 13:01

Instrument :

BNA_F

ClientSampleId :

P041-SS001-1824-01

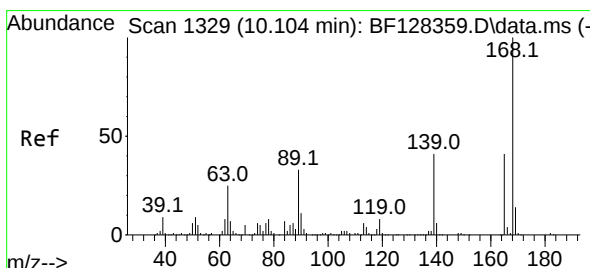
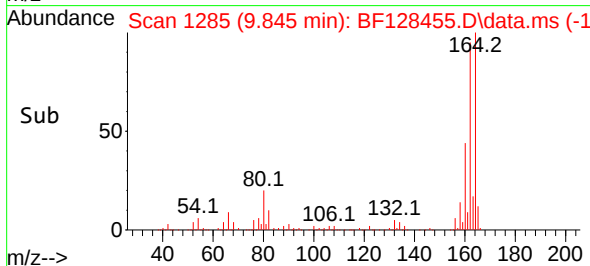
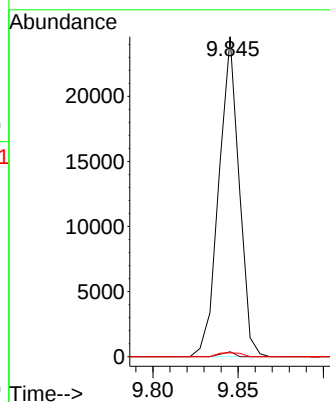
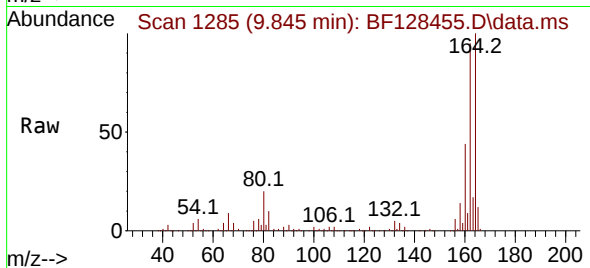
Tgt Ion:165 Resp: 20299

Ion Ratio Lower Upper

165 100

63 1.5 49.5 74.3#

89 1.2 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.213 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.206 min

Lab File: BF128455.D

Acq: 25 May 2022 13:01

Tgt Ion:165 Resp: 20299

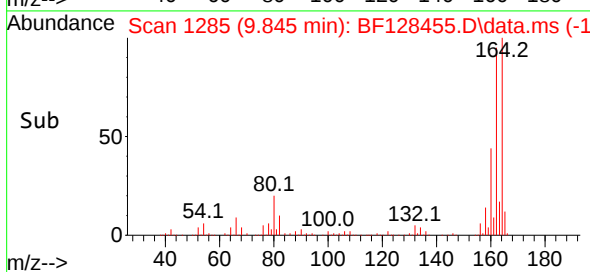
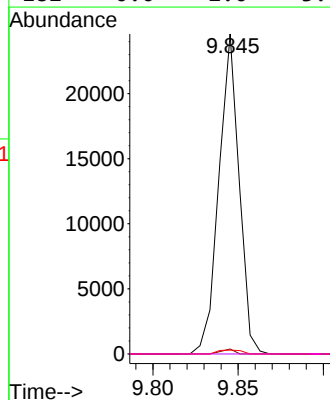
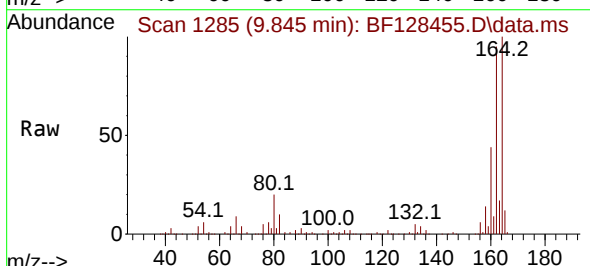
Ion Ratio Lower Upper

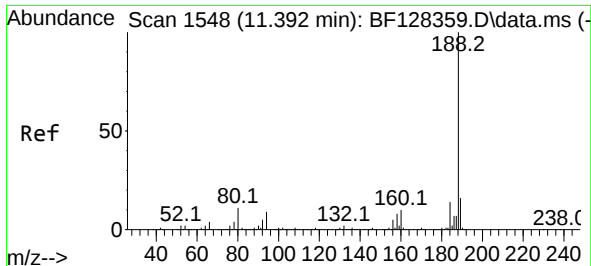
165 100

63 1.5 32.6 49.0#

89 1.2 55.2 82.8#

182 0.0 2.0 3.0#

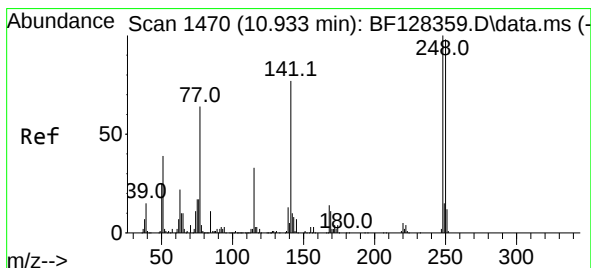
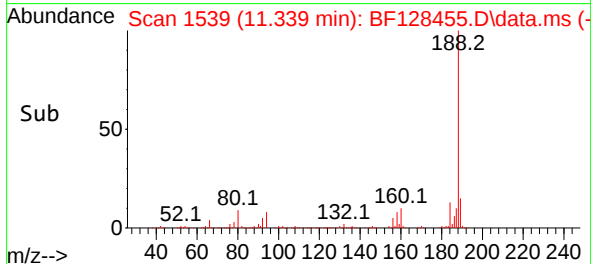
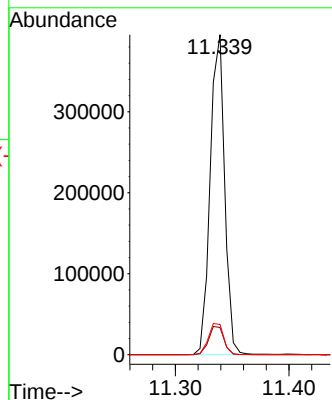
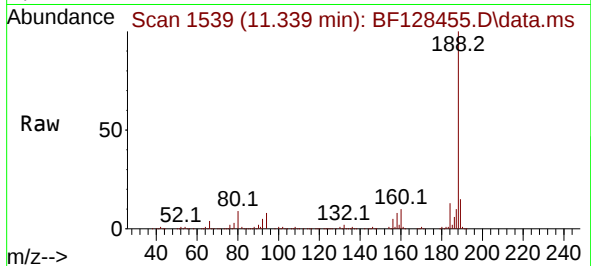




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128455.D
Acq: 25 May 2022 13:01

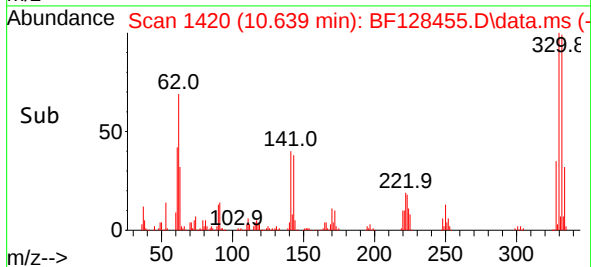
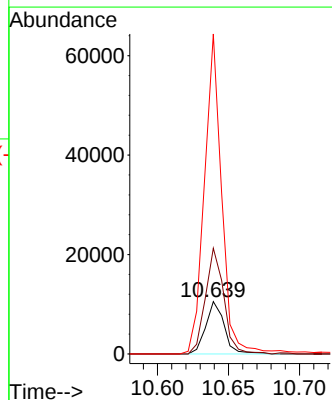
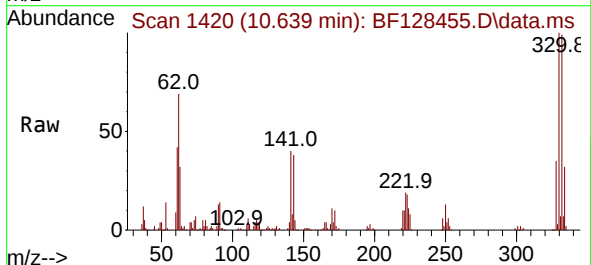
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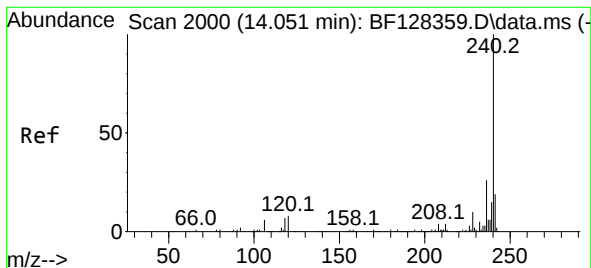
Tgt Ion:188 Resp: 348808
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.624 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.241 min
Lab File: BF128455.D
Acq: 25 May 2022 13:01

Tgt Ion:248 Resp: 9578
Ion Ratio Lower Upper
248 100
250 202.5 77.7 116.5#
141 612.3 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: BF128455.D

Acq: 25 May 2022 13:01

Instrument :

BNA_F

ClientSampleId :

P041-SS001-1824-01

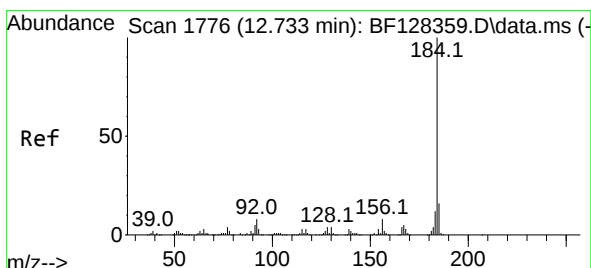
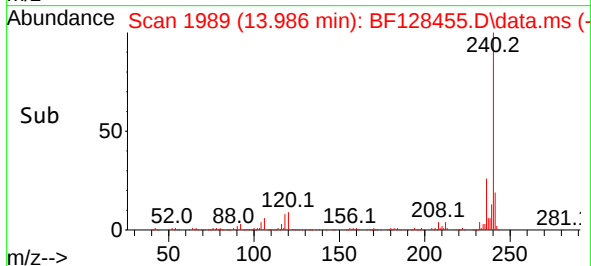
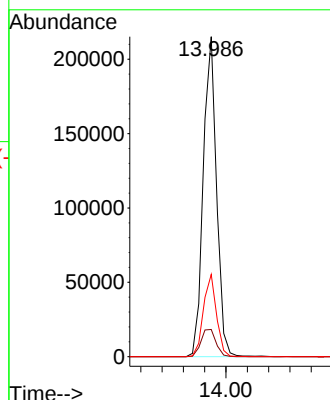
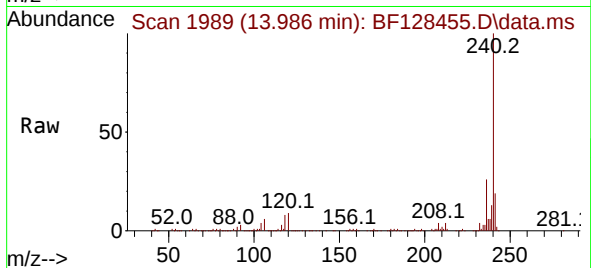
Tgt Ion:240 Resp: 186993

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

236 25.7 20.3 30.5



#77

Benzidine

Concen: 2.907 ng

RT: 12.922 min Scan# 1808

Delta R.T. 0.241 min

Lab File: BF128455.D

Acq: 25 May 2022 13:01

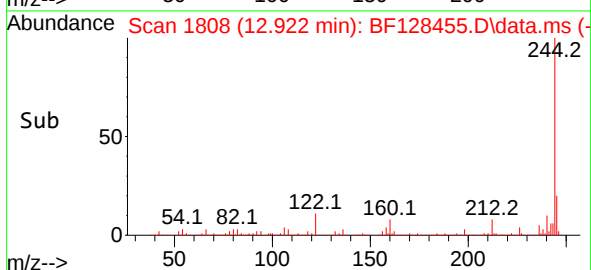
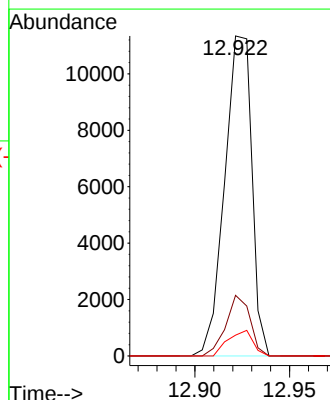
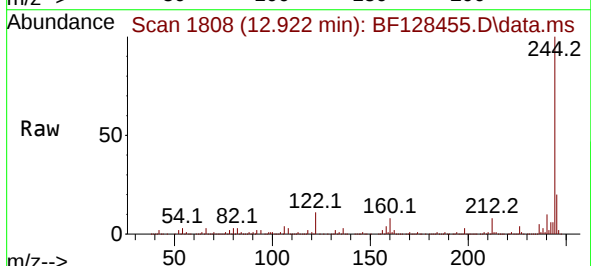
Tgt Ion:184 Resp: 11307

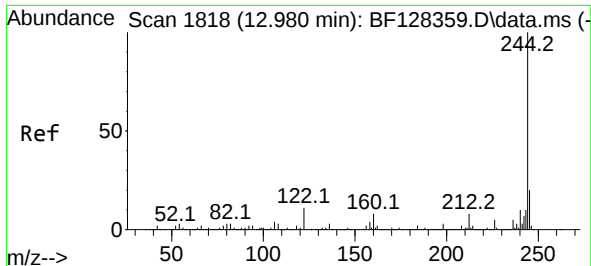
Ion Ratio Lower Upper

184 100

185 19.0 12.1 18.1#

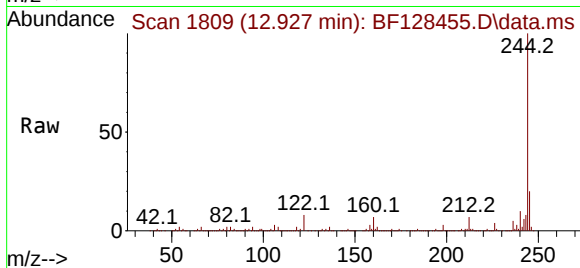
183 6.5 9.0 13.4#



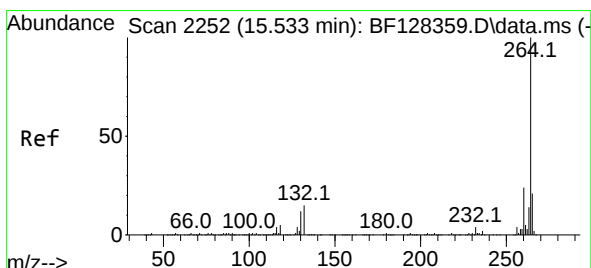
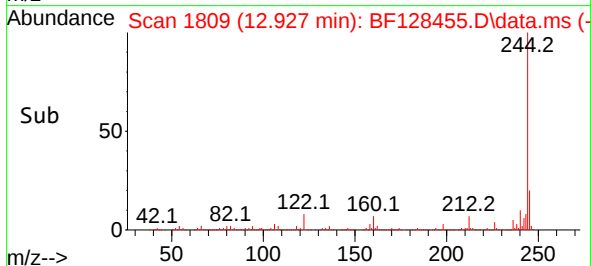
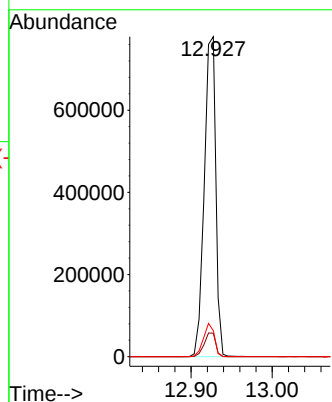


#79
 Terphenyl-d14
 Concen: 79.131 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. 0.000 min
 Lab File: BF128455.D
 Acq: 25 May 2022 13:01

Instrument :
 BNA_F
 ClientSampleId :
 P041-SS001-1824-01



Tgt Ion:244 Resp: 766516
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 8.2 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF128455.D
 Acq: 25 May 2022 13:01

Tgt Ion:264 Resp: 149299
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 20.7 17.5 26.3

