

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128316.D
 Acq On : 18 May 2022 17:27
 Operator : CG\JU
 Sample : N2879-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0516

Quant Time: May 18 18:22:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

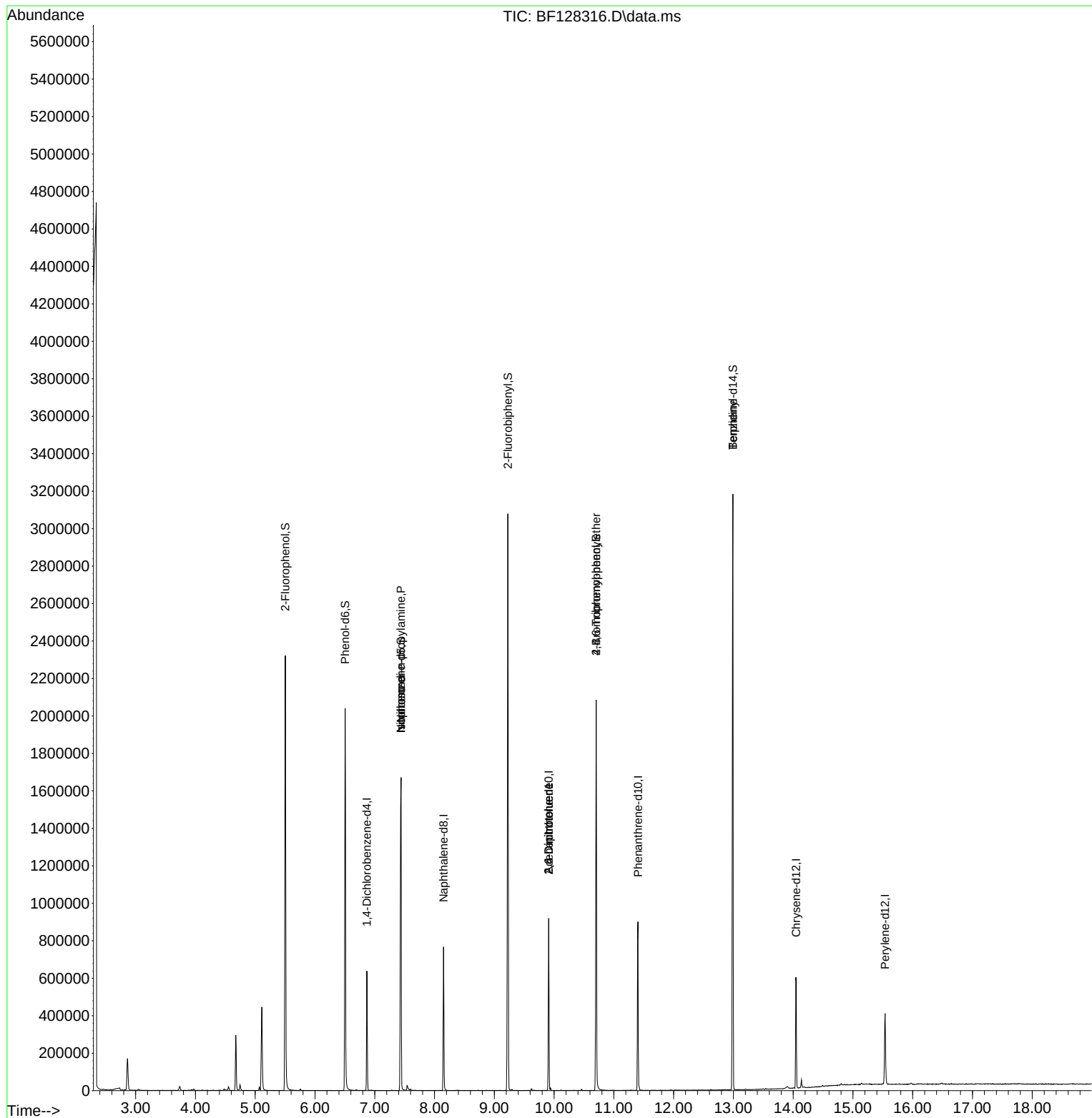
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	78200	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	306194	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	173516	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	325890	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	209458	20.000	ng	-0.01
86) Perylene-d12	15.539	264	167576	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	557364	113.621	ng	0.00
7) Phenol-d6	6.504	99	652613	100.584	ng	-0.01
23) Nitrobenzene-d5	7.439	82	588440	86.474	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	236086	118.635	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	939820	84.749	ng	-0.01
79) Terphenyl-d14	12.992	244	1081518	96.887	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	1176	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.439	70	80315	20.101	ng	# 80
25) Isophorone	7.439	82	588436	55.157	ng	# 68
51) 2,6-Dinitrotoluene	9.910	165	22263	9.064	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	22263	6.778	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	14445	4.120	ng	# 1
77) Benizidine	12.992	184	16285	3.590	ng	# 94

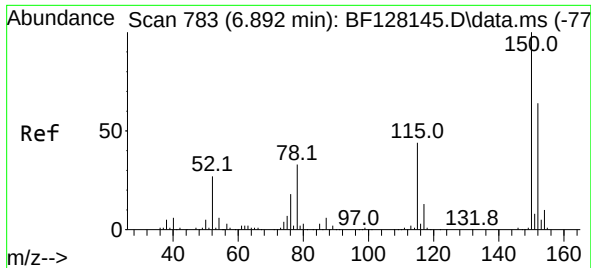
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
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Quant Time: May 18 18:22:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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QLast Update : Wed May 18 01:31:11 2022
Response via : Initial Calibration

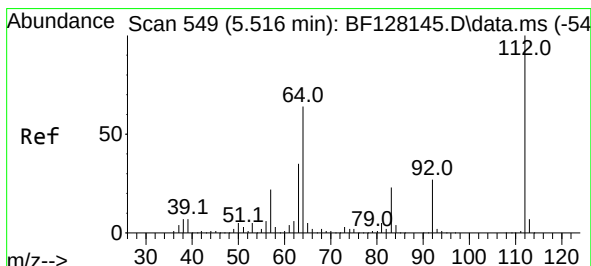
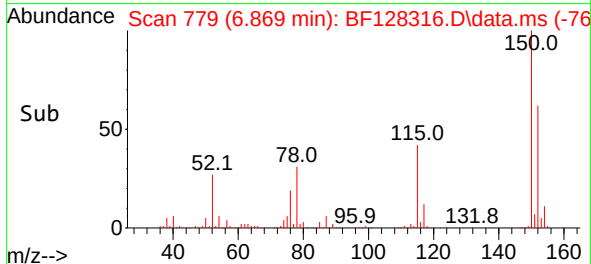
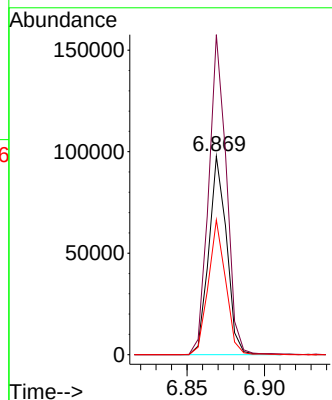
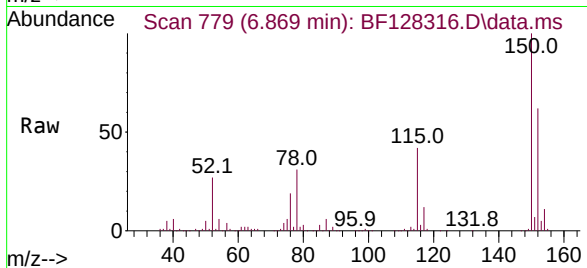




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128316.D
Acq: 18 May 2022 17:27

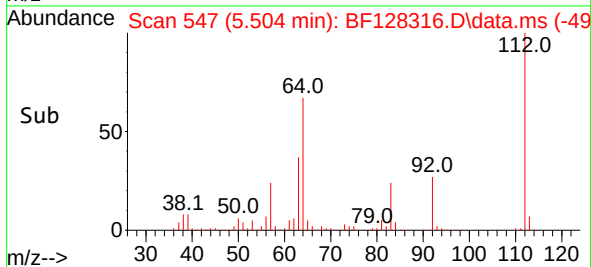
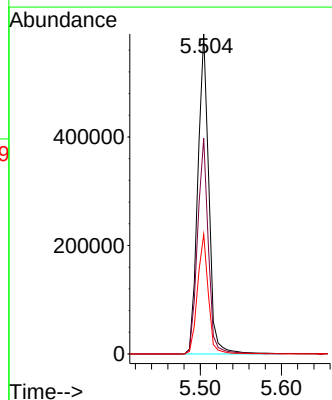
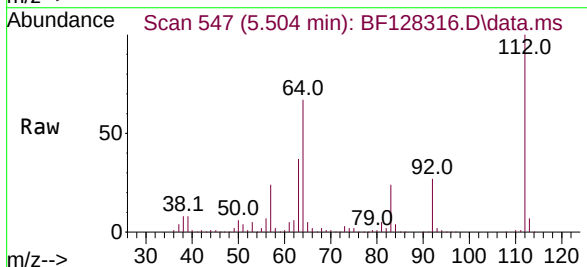
Instrument :
BNA_F
ClientSampleId :
TP2-0516

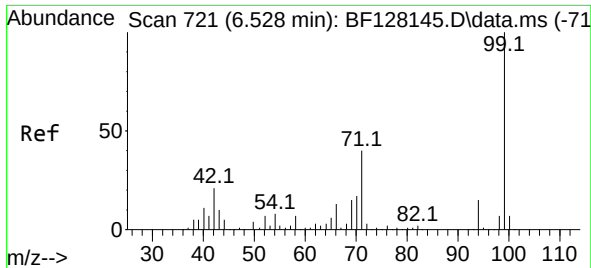
Tgt Ion:152 Resp: 78200
Ion Ratio Lower Upper
152 100
150 161.3 125.3 187.9
115 67.9 48.8 73.2



#5
2-Fluorophenol
Concen: 113.621 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF128316.D
Acq: 18 May 2022 17:27

Tgt Ion:112 Resp: 557364
Ion Ratio Lower Upper
112 100
64 67.4 49.5 74.3
63 37.4 26.3 39.5

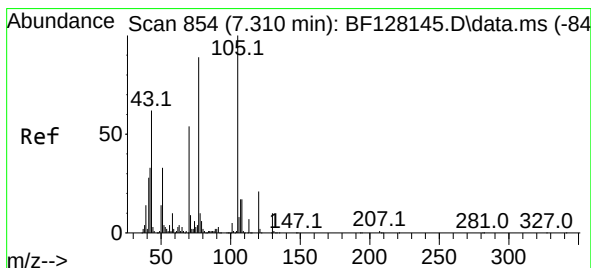
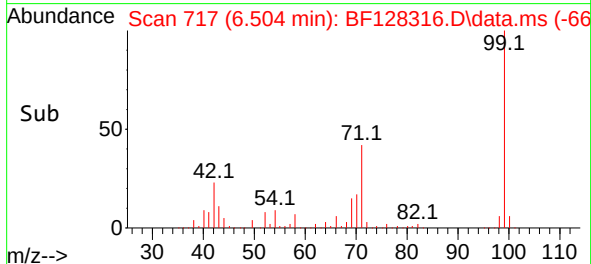
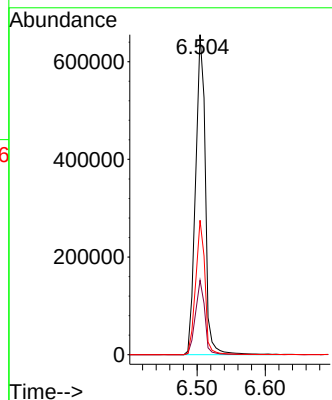
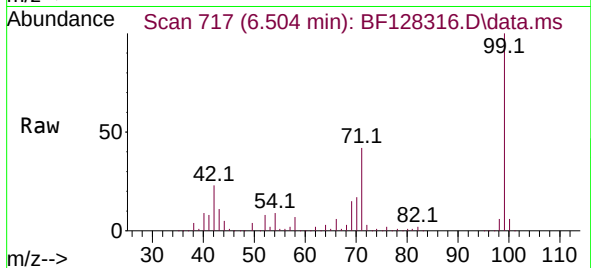




#7
Phenol-d6
Concen: 100.584 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128316.D
Acq: 18 May 2022 17:27

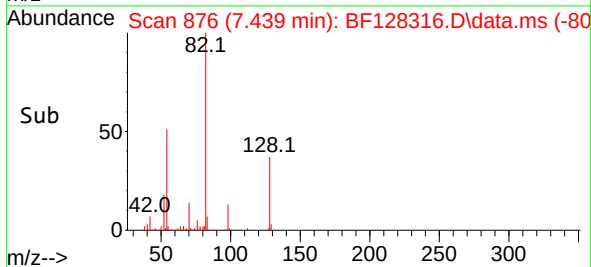
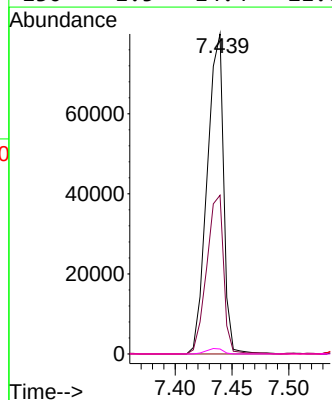
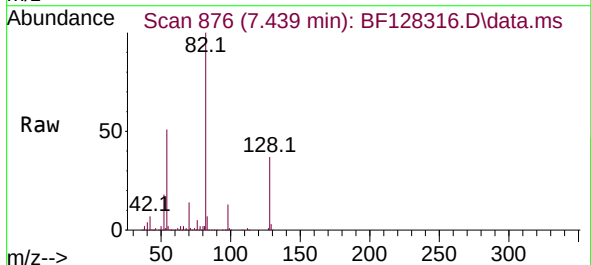
Instrument :
BNA_F
ClientSampleId :
TP2-0516

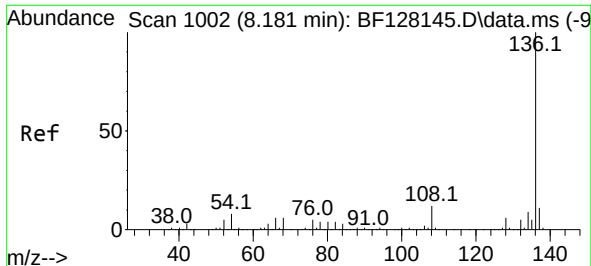
Tgt Ion: 99 Resp: 652613
Ion Ratio Lower Upper
99 100
42 23.3 16.6 24.8
71 42.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.101 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF128316.D
Acq: 18 May 2022 17:27

Tgt Ion: 70 Resp: 80315
Ion Ratio Lower Upper
70 100
42 49.6 48.7 73.1
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#

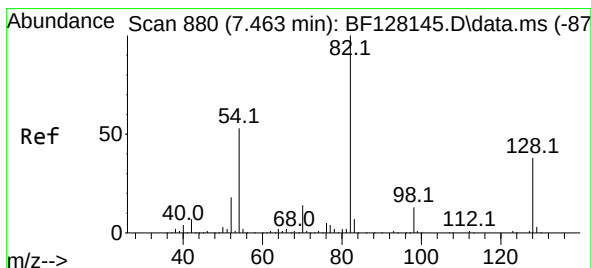
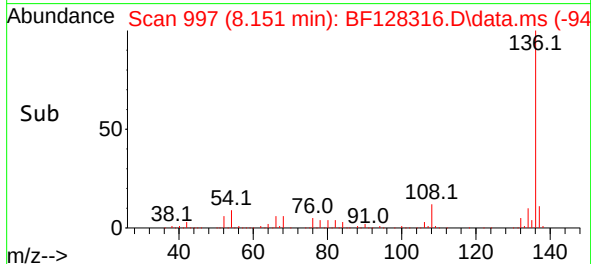
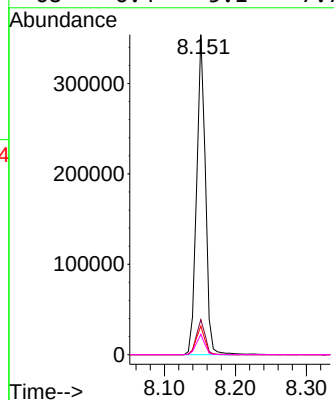
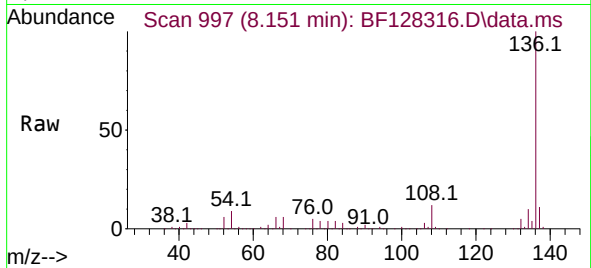




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128316.D
Acq: 18 May 2022 17:27

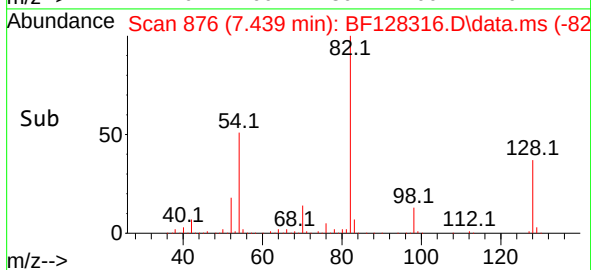
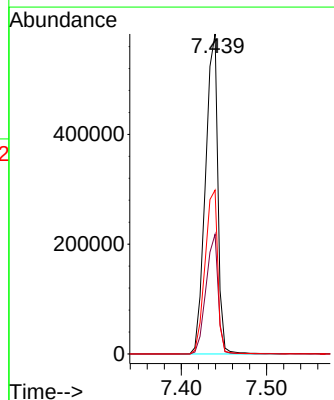
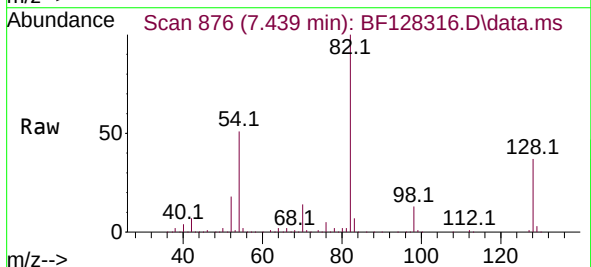
Instrument :
BNA_F
ClientSampleId :
TP2-0516

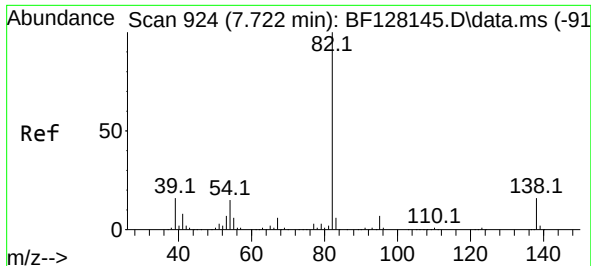
Tgt Ion:136 Resp: 306194
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.9 6.8 10.2
68 6.4 5.1 7.7



#23
Nitrobenzene-d5
Concen: 86.474 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF128316.D
Acq: 18 May 2022 17:27

Tgt Ion: 82 Resp: 588440
Ion Ratio Lower Upper
82 100
128 37.4 30.0 45.0
54 51.2 41.3 61.9

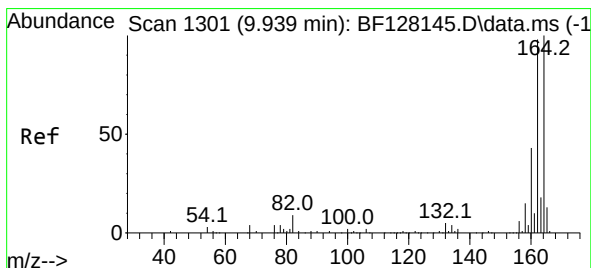
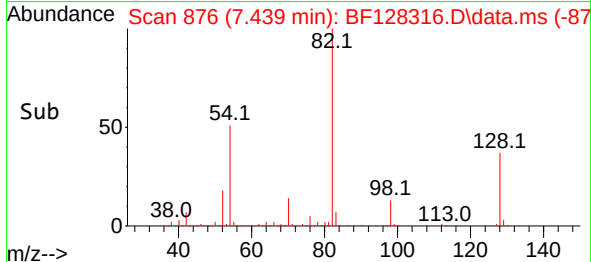
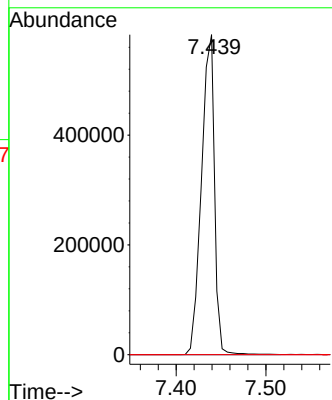
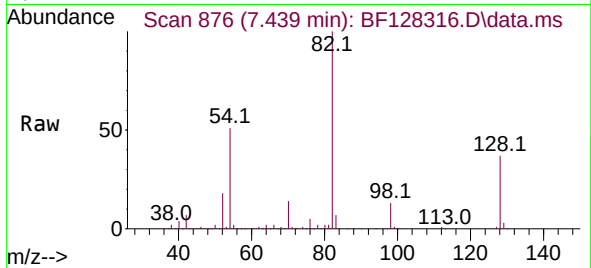




#25
Isophorone
Concen: 55.157 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128316.D
Acq: 18 May 2022 17:27

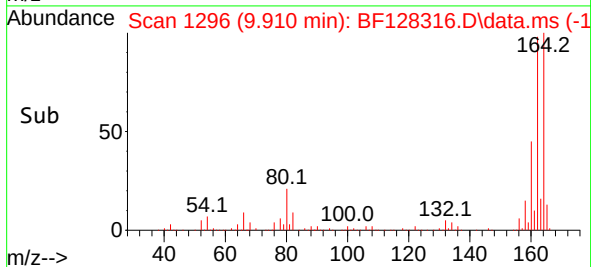
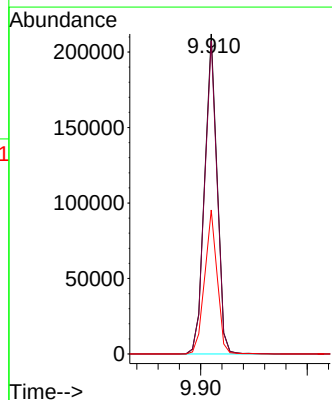
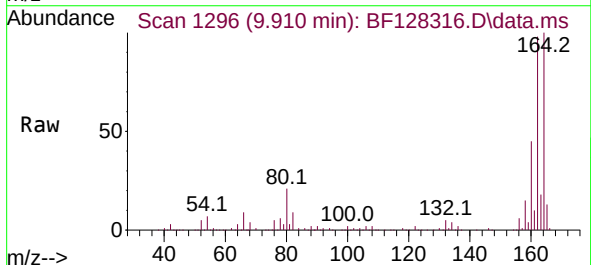
Instrument :
BNA_F
ClientSampleId :
TP2-0516

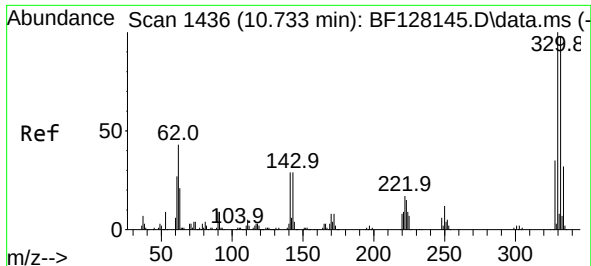
Tgt Ion: 82 Resp: 588436
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BF128316.D
Acq: 18 May 2022 17:27

Tgt Ion:164 Resp: 173516
Ion Ratio Lower Upper
164 100
162 97.9 76.0 114.0
160 45.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 118.635 ng

RT: 10.704 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128316.D

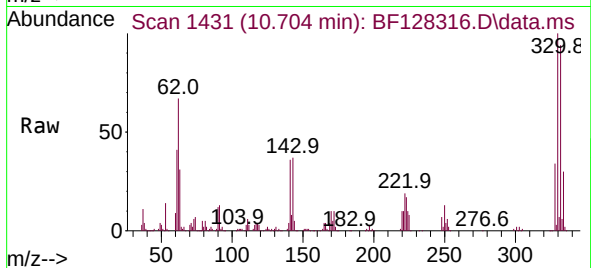
Acq: 18 May 2022 17:27

Instrument :

BNA_F

ClientSampleId :

TP2-0516



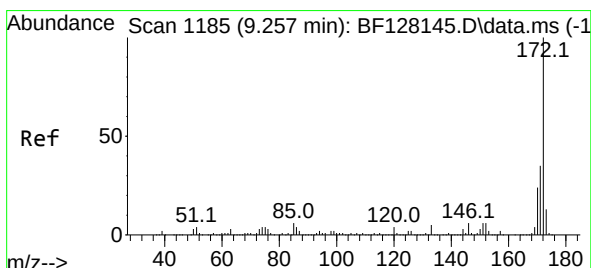
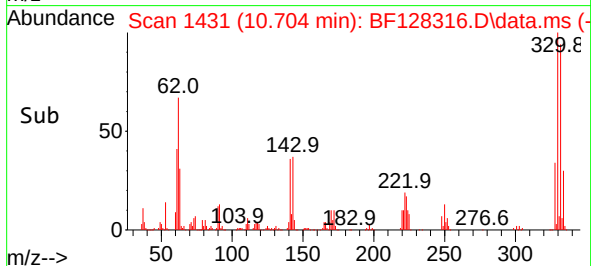
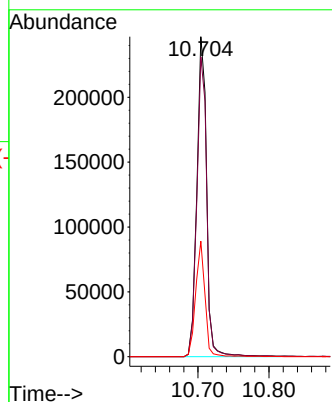
Tgt Ion:330 Resp: 236086

Ion Ratio Lower Upper

330 100

332 95.0 79.0 118.4

141 34.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 84.749 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.012 min

Lab File: BF128316.D

Acq: 18 May 2022 17:27

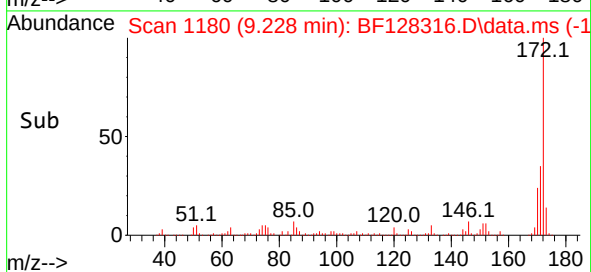
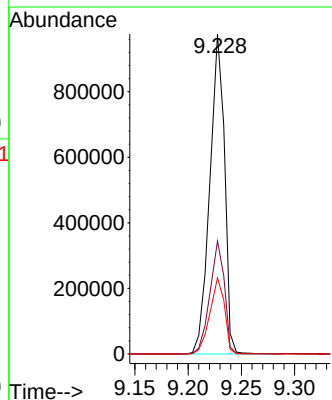
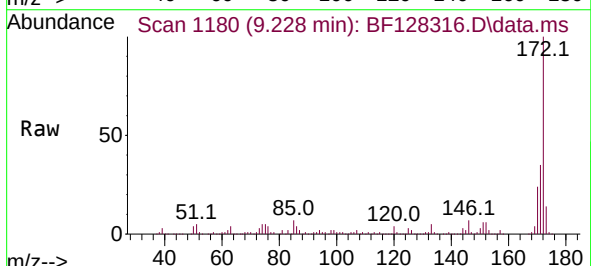
Tgt Ion:172 Resp: 939820

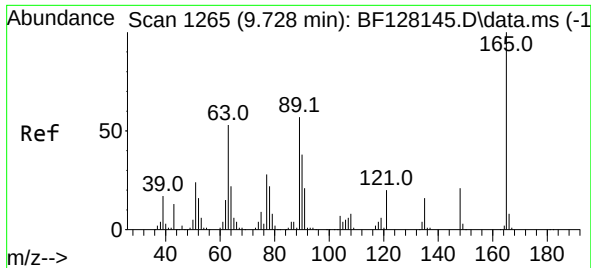
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.064 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.200 min

Lab File: BF128316.D

Acq: 18 May 2022 17:27

Instrument :

BNA_F

ClientSampleId :

TP2-0516

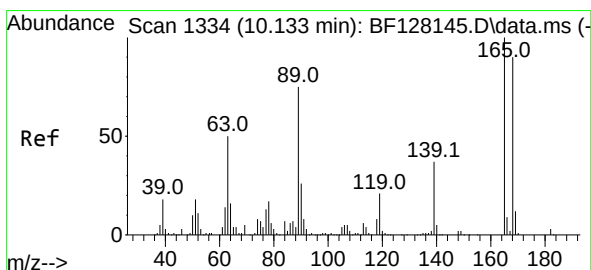
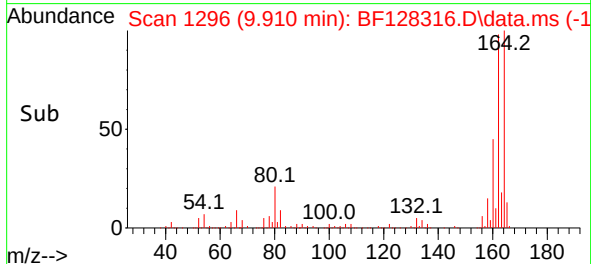
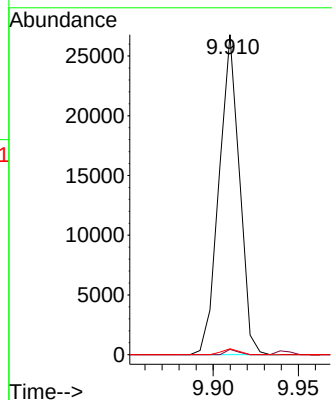
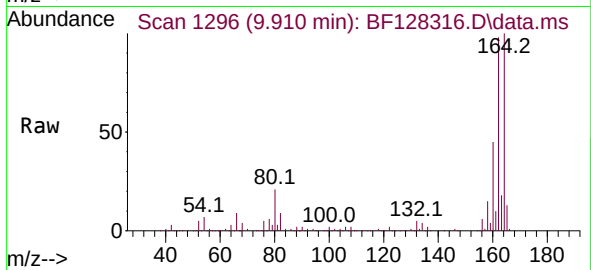
Tgt Ion:165 Resp: 22263

Ion Ratio Lower Upper

165 100

63 1.6 49.5 74.3#

89 1.8 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.778 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.212 min

Lab File: BF128316.D

Acq: 18 May 2022 17:27

Tgt Ion:165 Resp: 22263

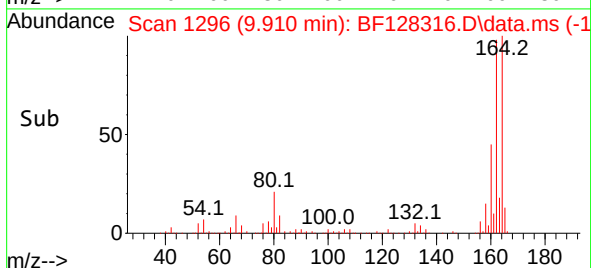
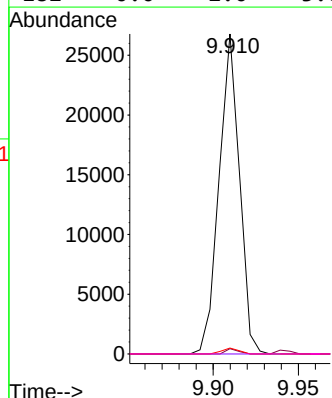
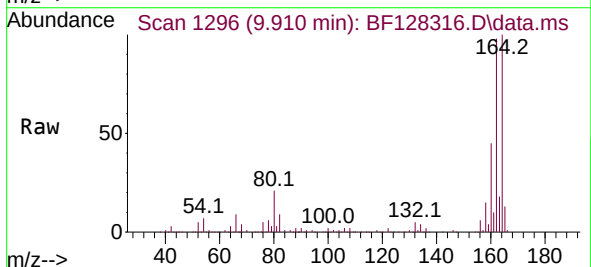
Ion Ratio Lower Upper

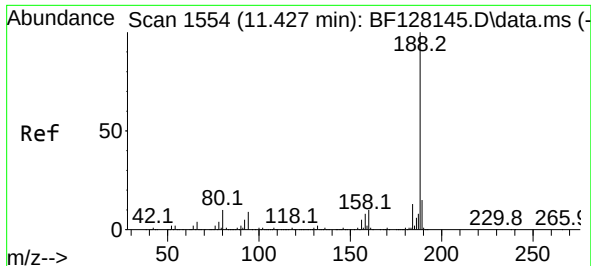
165 100

63 1.6 32.6 49.0#

89 1.8 55.2 82.8#

182 0.0 2.0 3.0#

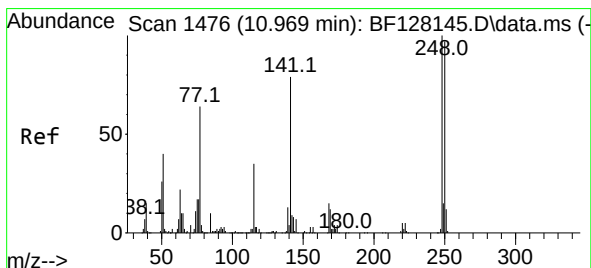
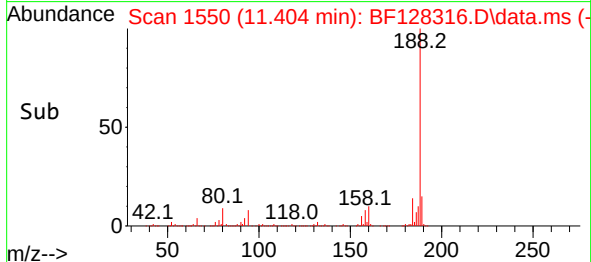
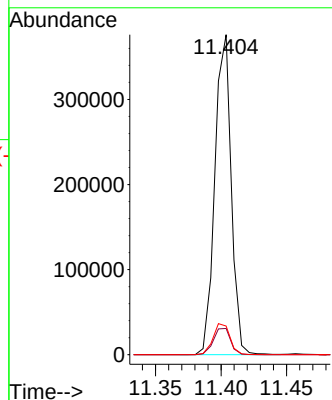
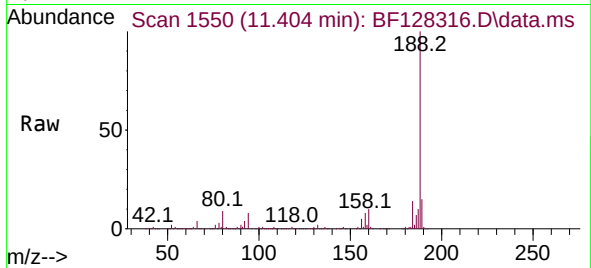




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128316.D
Acq: 18 May 2022 17:27

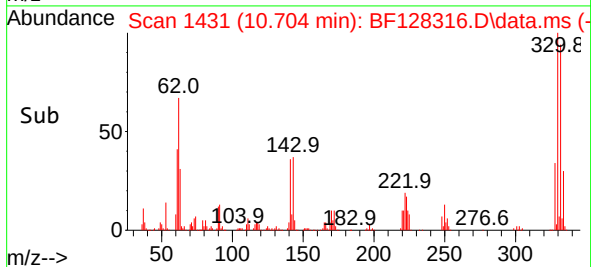
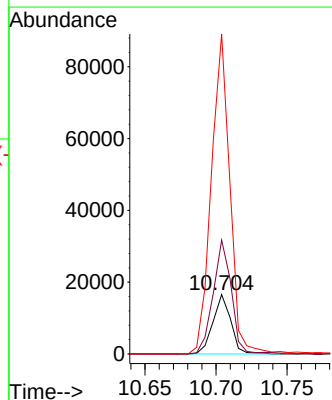
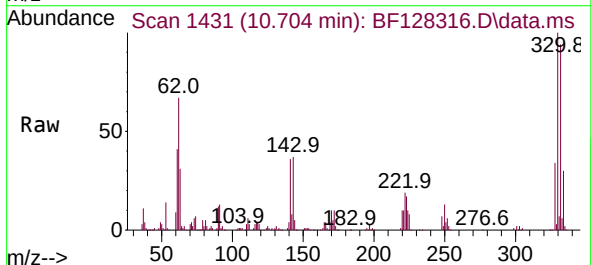
Instrument :
BNA_F
ClientSampleId :
TP2-0516

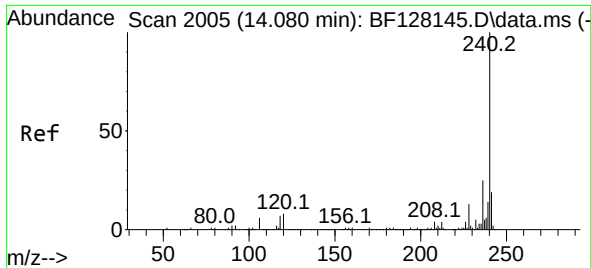
Tgt Ion:188 Resp: 325890
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.120 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.253 min
Lab File: BF128316.D
Acq: 18 May 2022 17:27

Tgt Ion:248 Resp: 14445
Ion Ratio Lower Upper
248 100
250 191.7 77.7 116.5#
141 538.8 65.6 98.4#

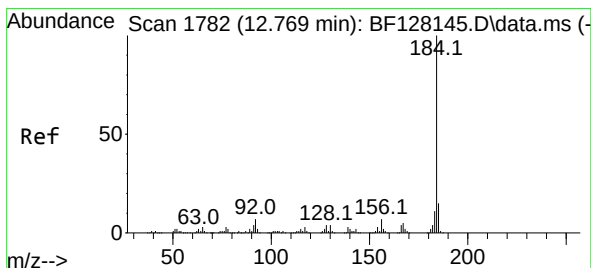
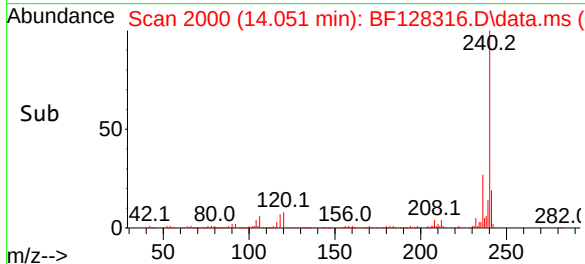
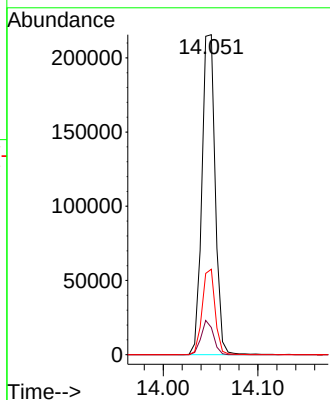
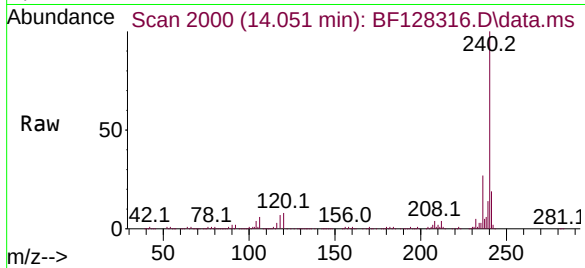




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128316.D
Acq: 18 May 2022 17:27

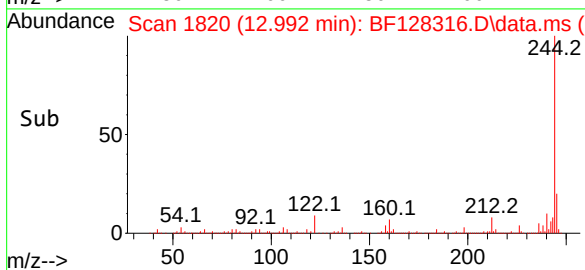
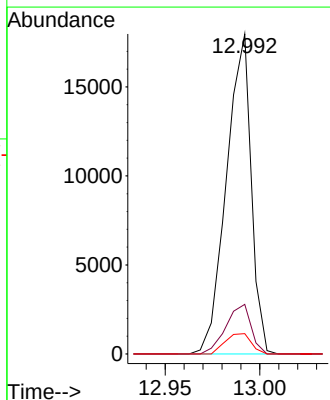
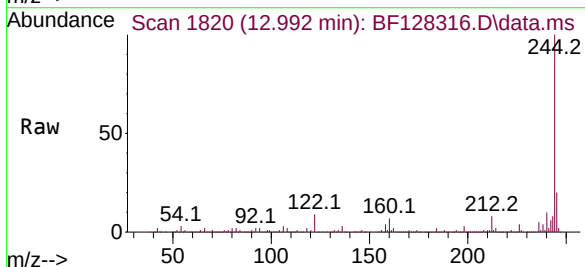
Instrument :
BNA_F
ClientSampleId :
TP2-0516

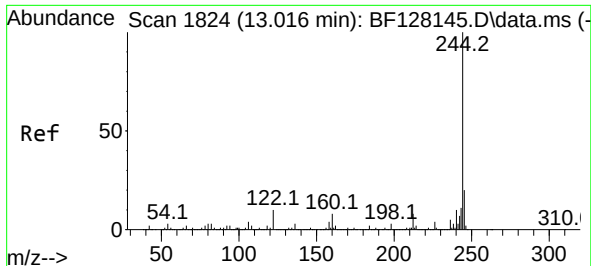
Tgt Ion:240 Resp: 209458
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 26.7 20.3 30.5



#77
Benzidine
Concen: 3.590 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.241 min
Lab File: BF128316.D
Acq: 18 May 2022 17:27

Tgt Ion:184 Resp: 16285
Ion Ratio Lower Upper
184 100
185 15.5 12.1 18.1
183 6.4 9.0 13.4

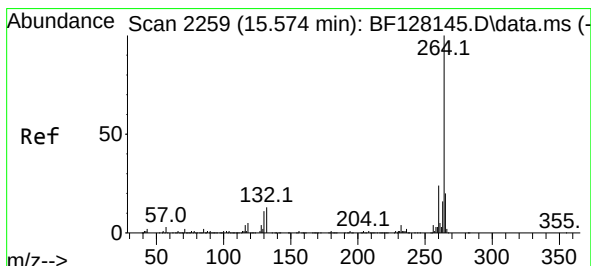
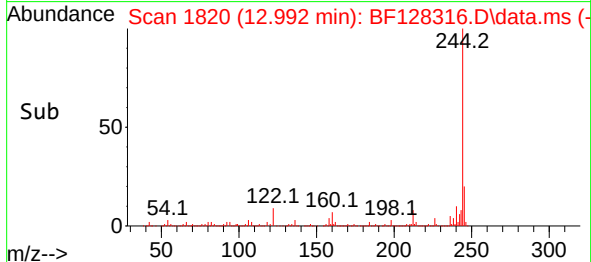
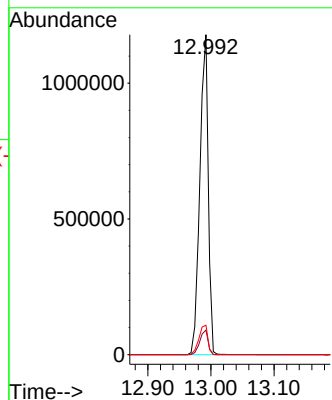
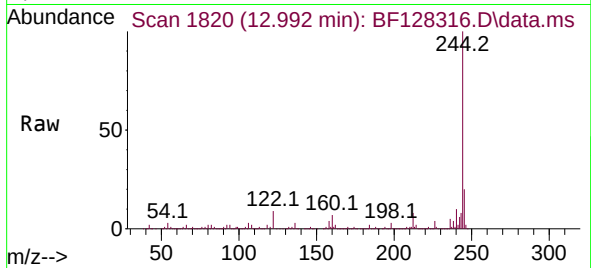




#79
 Terphenyl-d14
 Concen: 96.887 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128316.D
 Acq: 18 May 2022 17:27

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0516

Tgt Ion:244 Resp: 1081518
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. -0.018 min
 Lab File: BF128316.D
 Acq: 18 May 2022 17:27

Tgt Ion:264 Resp: 167576
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.7 17.5 26.3

