

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128535.D
 Acq On : 28 May 2022 04:02
 Operator : CG\JU
 Sample : N2927-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS006-0006-01

Quant Time: May 28 04:23:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

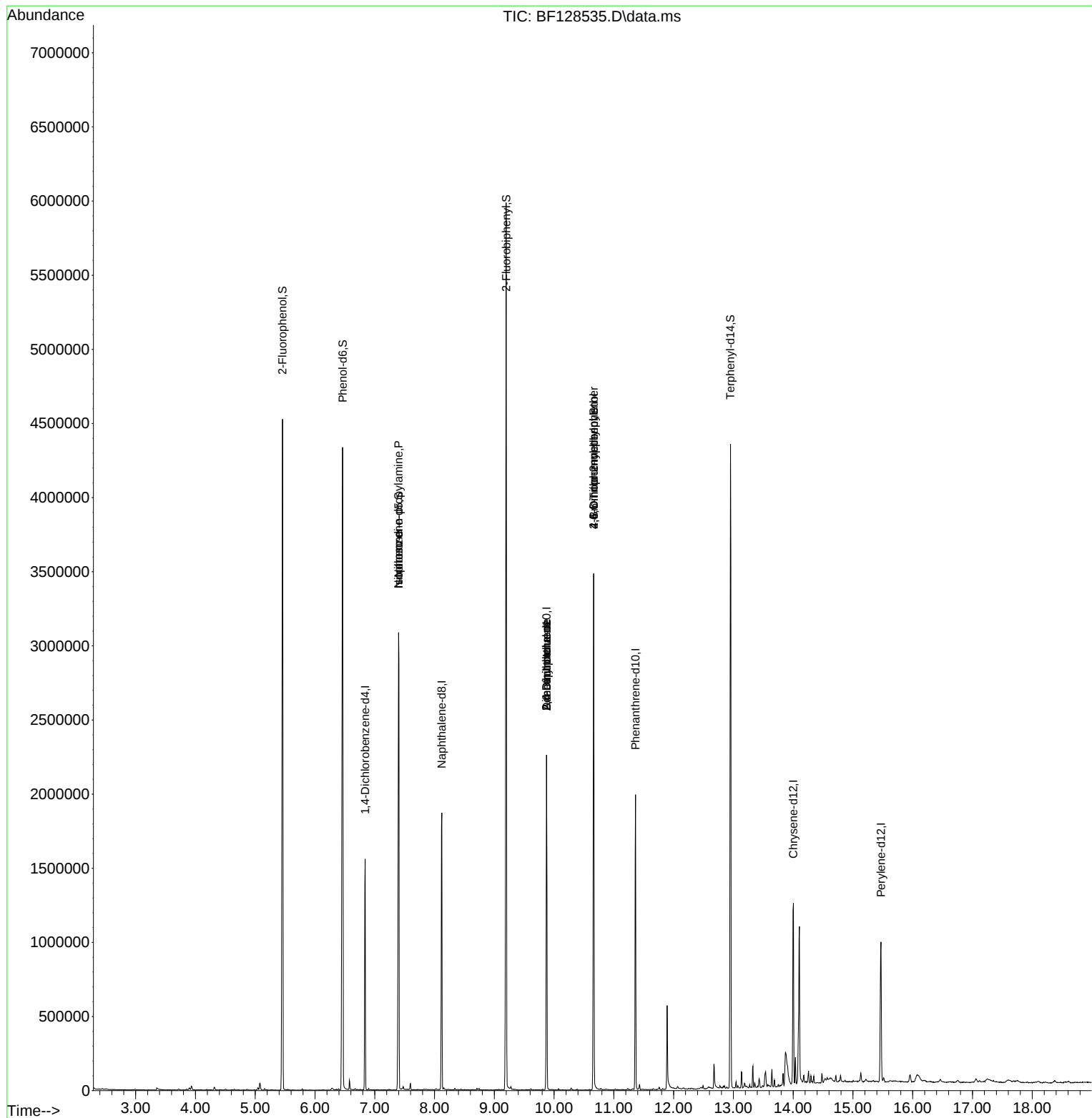
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	221762	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	834773	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	433299	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	696621	20.000	ng	0.00
76) Chrysene-d12	14.004	240	439774	20.000	ng	0.00
86) Perylene-d12	15.468	264	429042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1305482	97.510	ng	0.00
7) Phenol-d6	6.463	99	1680189	98.428	ng	0.00
23) Nitrobenzene-d5	7.398	82	1114318	77.006	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	400598	97.132	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1881411	70.543	ng	0.00
79) Terphenyl-d14	12.951	244	1550444	68.112	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.398	77	410	Below Cal	#	39
19) n-Nitroso-di-n-propyla...	7.398	70	151494	14.474	ng	# 79
25) Isophorone	7.398	82	1107959	41.506	ng	# 65
50) Dimethylphthalate	9.875	163	76541	2.723	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	57554	11.173	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	57554	9.339	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1081	5.799	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	25953	3.606	ng	# 1

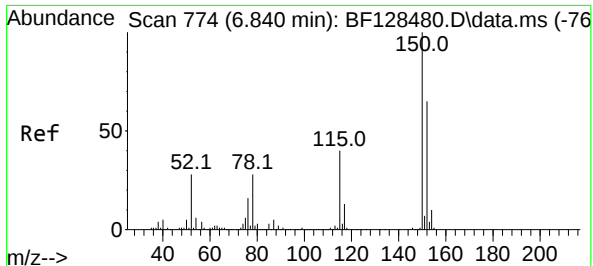
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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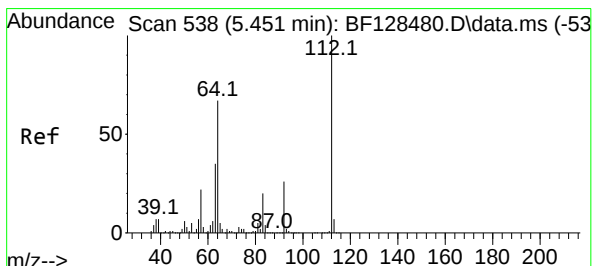
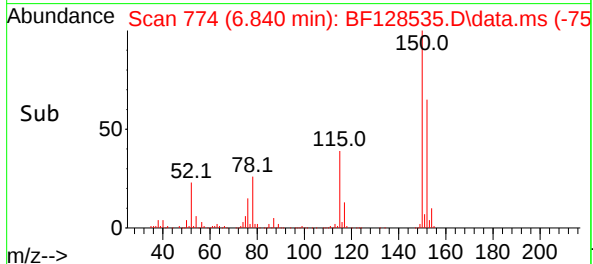
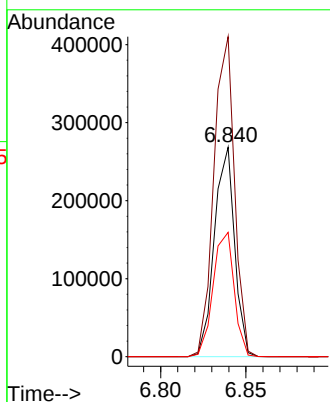
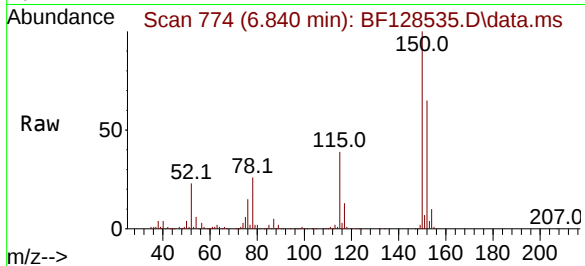




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

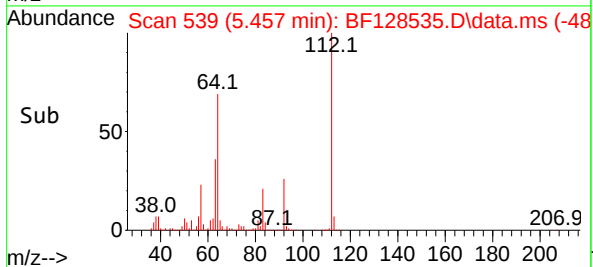
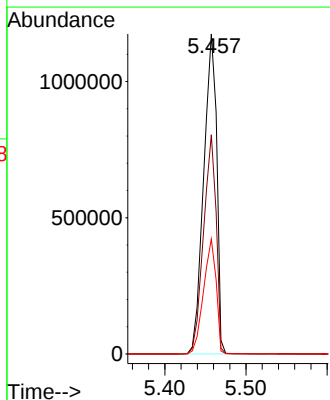
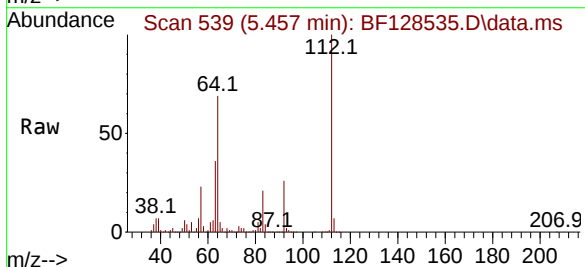
Instrument :
BNA_F
ClientSampleId :
P010-SS006-0006-01

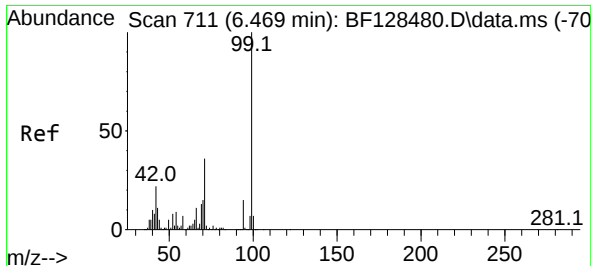
Tgt Ion:152 Resp: 221762
Ion Ratio Lower Upper
152 100
150 152.8 123.7 185.5
115 59.4 49.9 74.9



#5
2-Fluorophenol
Concen: 97.510 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

Tgt Ion:112 Resp: 1305482
Ion Ratio Lower Upper
112 100
64 68.5 53.3 79.9
63 35.9 28.0 42.0

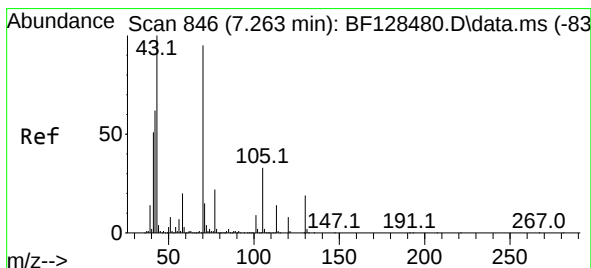
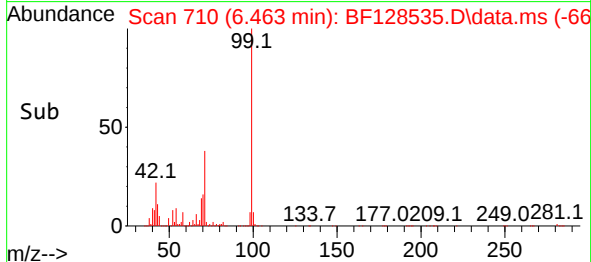
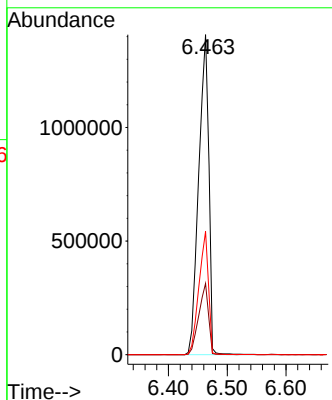
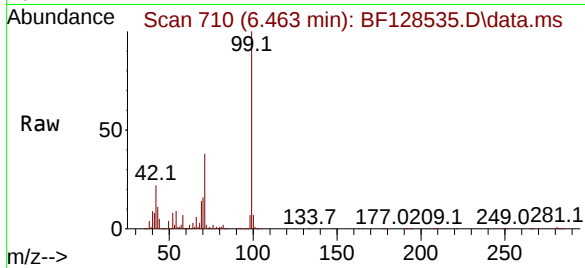




#7
Phenol-d6
Concen: 98.428 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

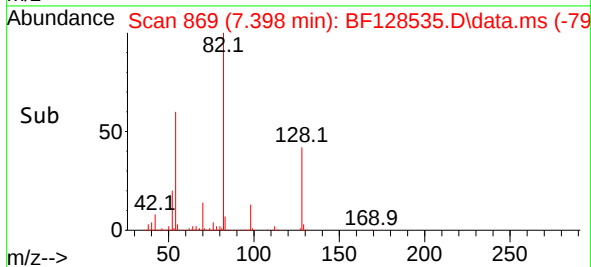
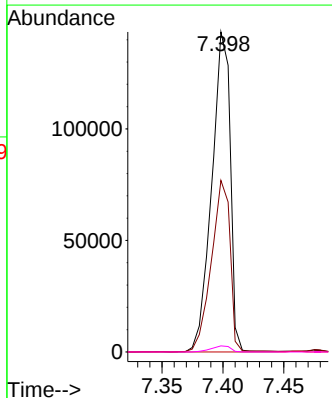
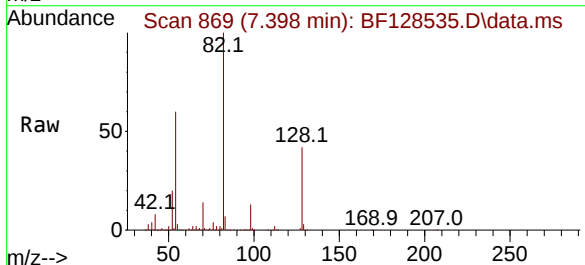
Instrument :
BNA_F
ClientSampleId :
P010-SS006-0006-01

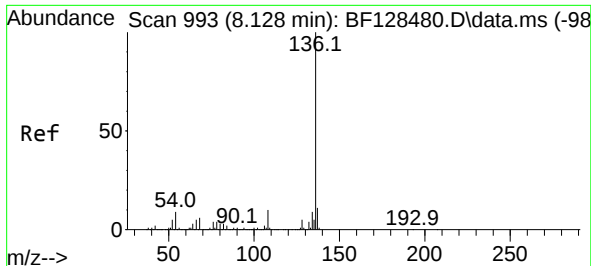
Tgt Ion: 99 Resp: 1680189
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 38.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.474 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

Tgt Ion: 70 Resp: 151494
Ion Ratio Lower Upper
70 100
42 53.6 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128535.D

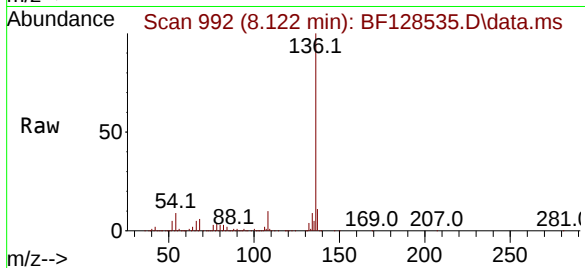
Acq: 28 May 2022 04:02

Instrument :

BNA_F

ClientSampleId :

P010-SS006-0006-01



Tgt Ion:136 Resp: 834773

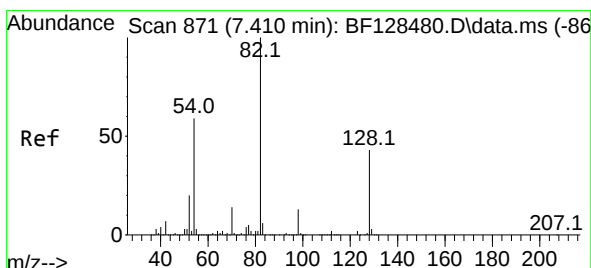
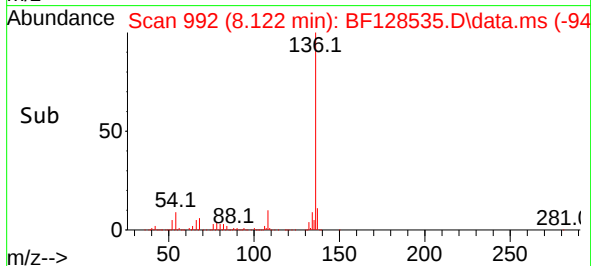
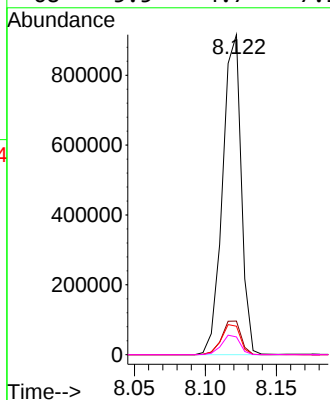
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.9 7.5 11.3

68 5.5 4.7 7.1



#23

Nitrobenzene-d5

Concen: 77.006 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128535.D

Acq: 28 May 2022 04:02

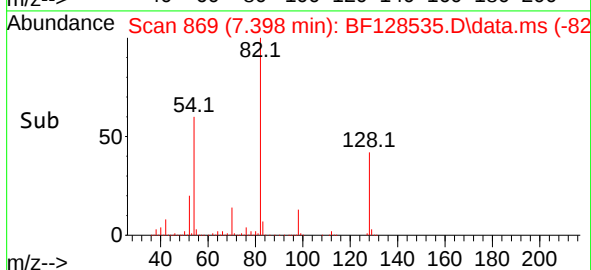
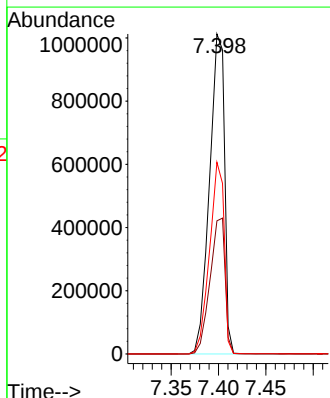
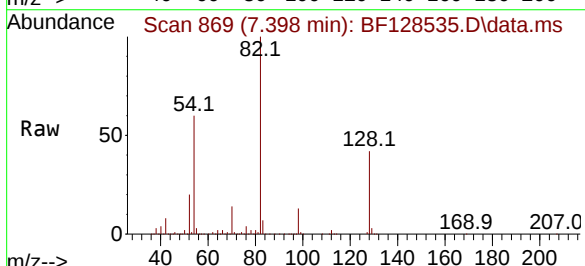
Tgt Ion: 82 Resp: 1114318

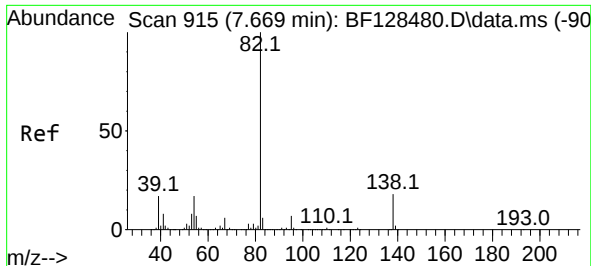
Ion Ratio Lower Upper

82 100

128 41.6 34.0 51.0

54 59.9 46.9 70.3

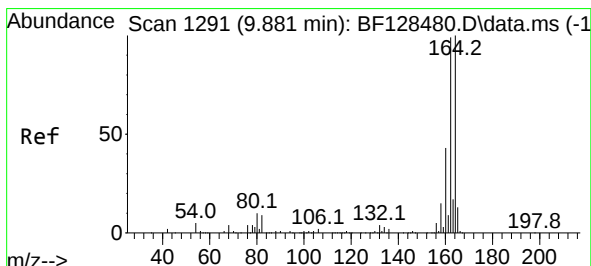
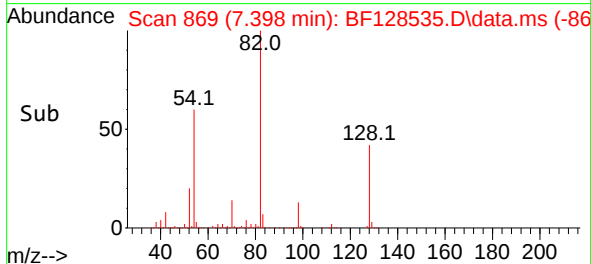
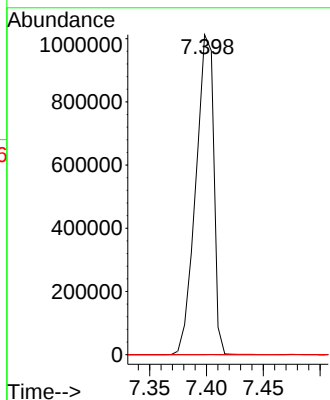
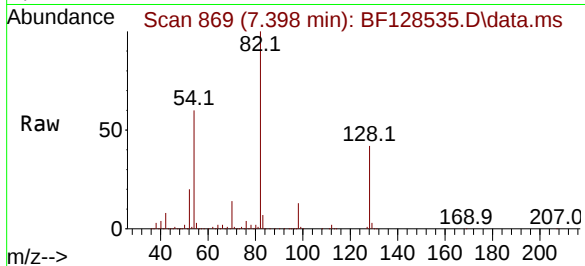




#25
Isophorone
Concen: 41.506 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

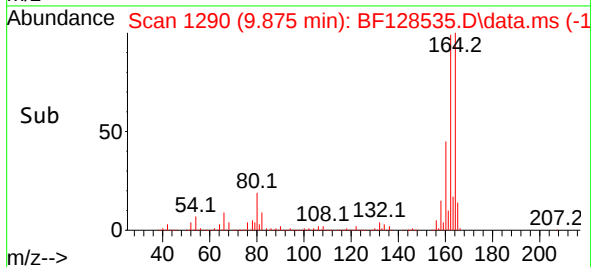
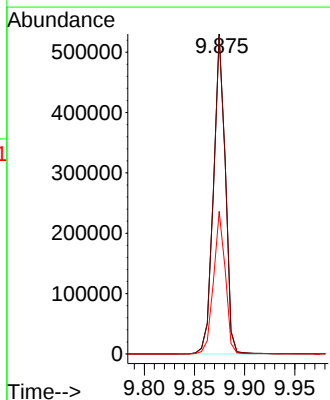
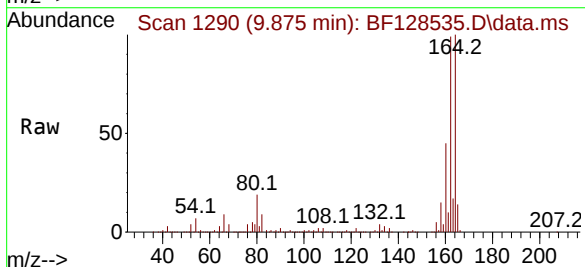
Instrument :
BNA_F
ClientSampleId :
P010-SS006-0006-01

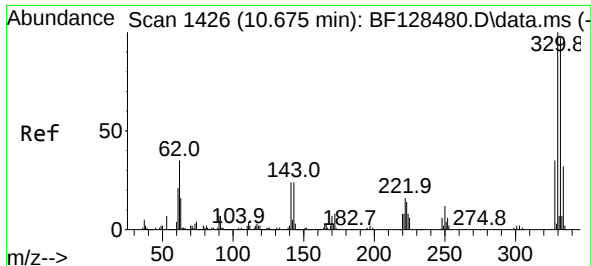
Tgt Ion: 82 Resp: 1107959
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

Tgt Ion:164 Resp: 433299
Ion Ratio Lower Upper
164 100
162 99.3 79.5 119.3
160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 97.132 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128535.D

Acq: 28 May 2022 04:02

Instrument :

BNA_F

ClientSampleId :

P010-SS006-0006-01

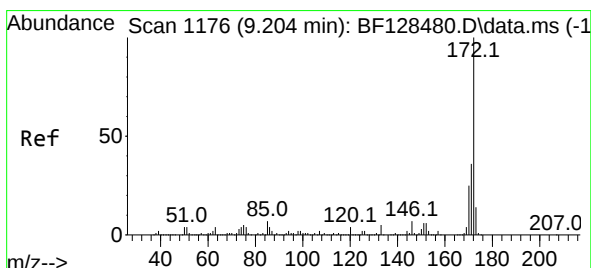
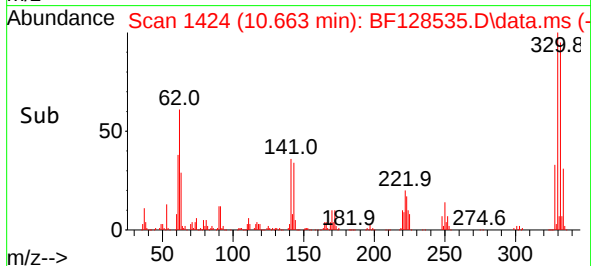
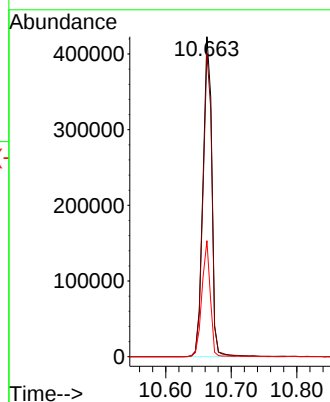
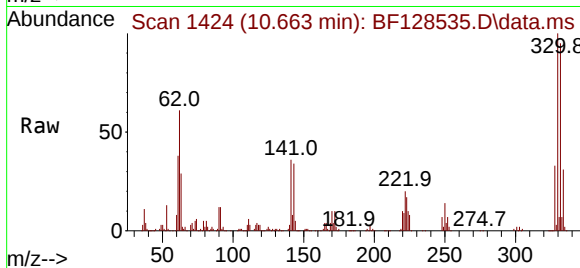
Tgt Ion:330 Resp: 400598

Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

141 34.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 70.543 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128535.D

Acq: 28 May 2022 04:02

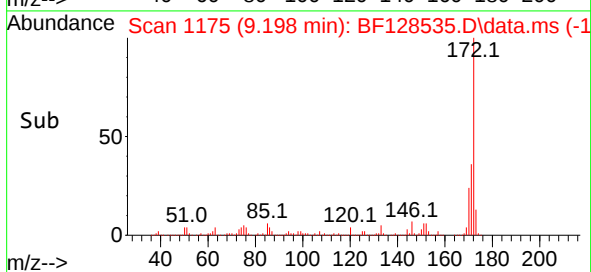
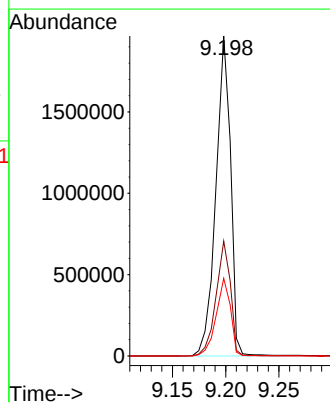
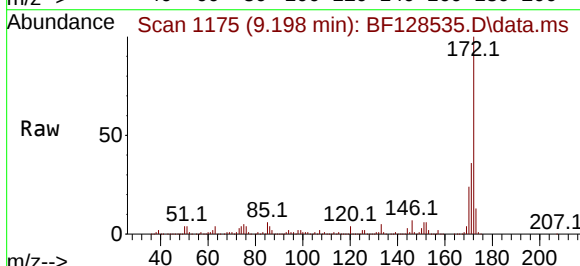
Tgt Ion:172 Resp: 1881411

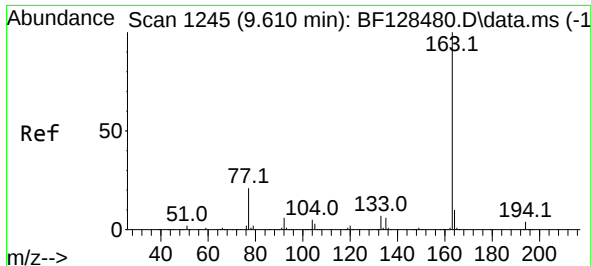
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.3 19.8 29.8

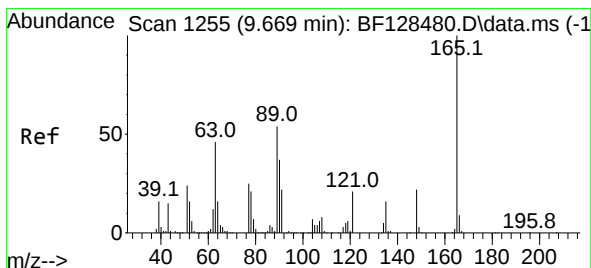
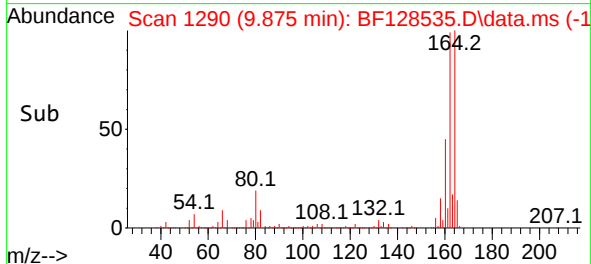
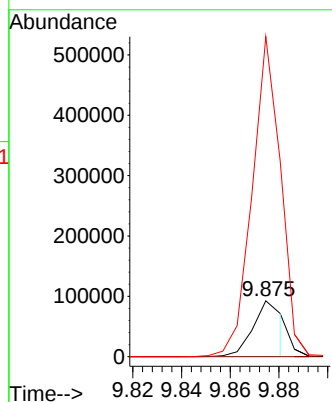
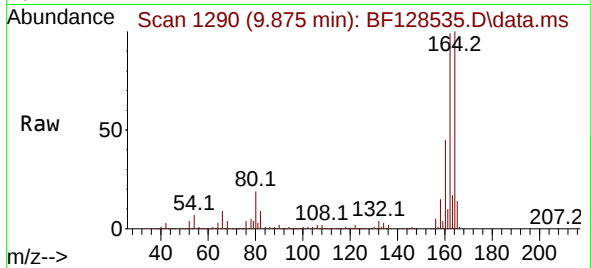




#50
Dimethylphthalate
Concen: 2.723 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

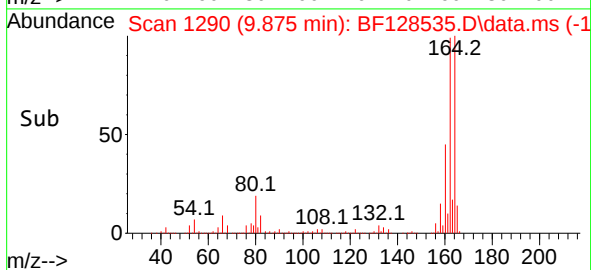
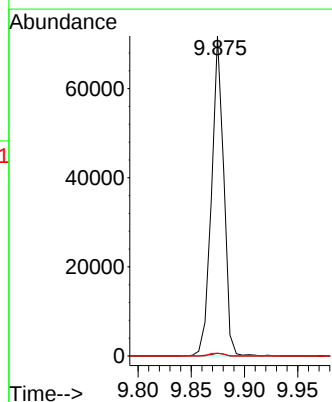
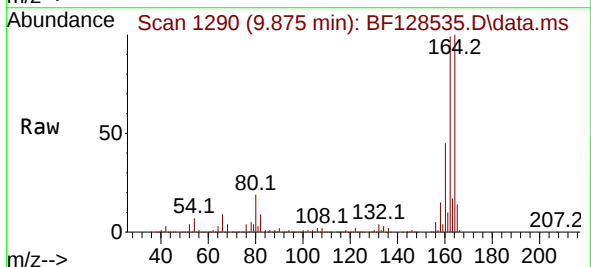
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P010-SS006-0006-01

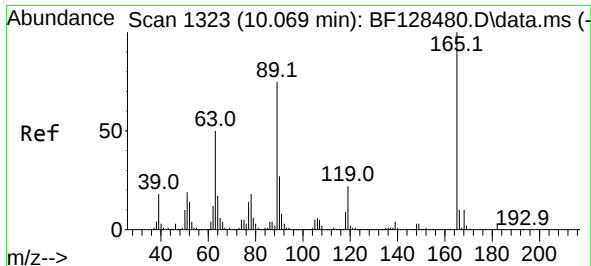
Tgt Ion:163 Resp: 76541
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 572.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 11.173 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

Tgt Ion:165 Resp: 57554
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 0.9 43.6 65.4#

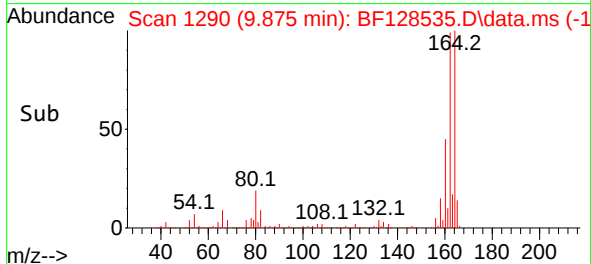
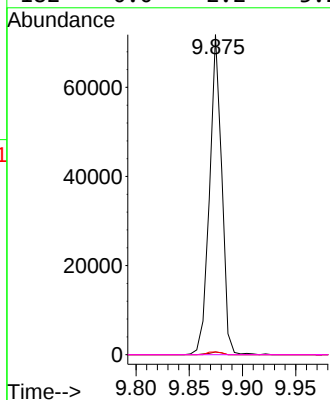
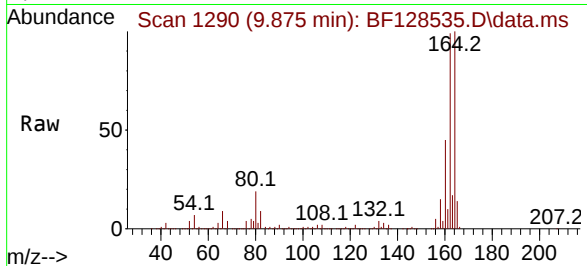




#57
2,4-Dinitrotoluene
Concen: 9.339 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

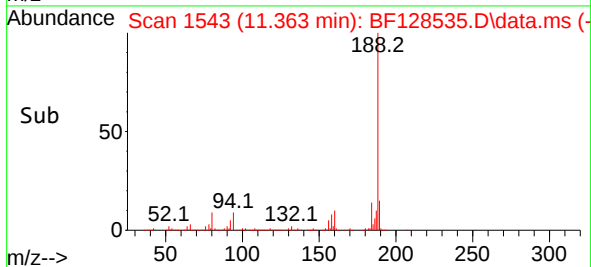
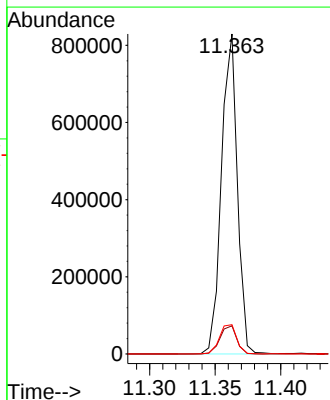
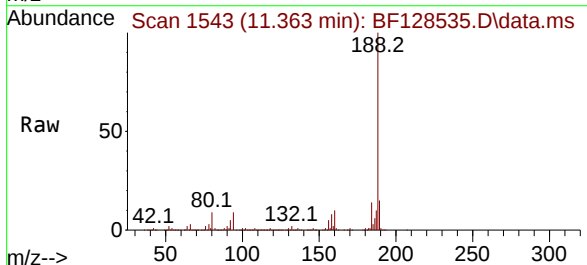
Instrument :
BNA_F
ClientSampleId :
P010-SS006-0006-01

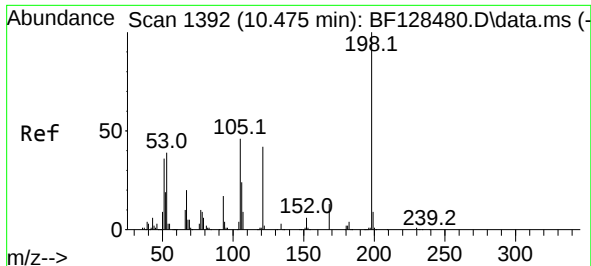
Tgt Ion:165 Resp: 57554
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 0.9 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

Tgt Ion:188 Resp: 696621
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.1 7.6 11.4

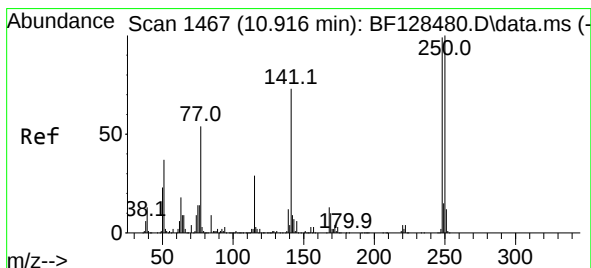
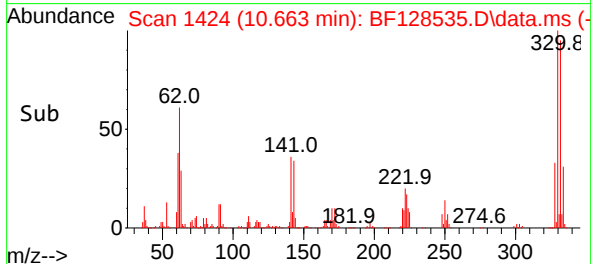
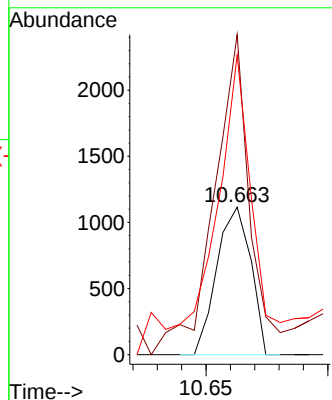
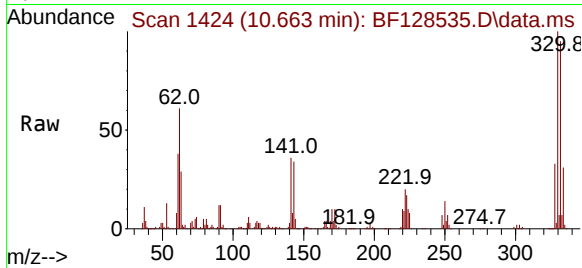




#65
4,6-Dinitro-2-methylphenol
Concen: 5.799 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

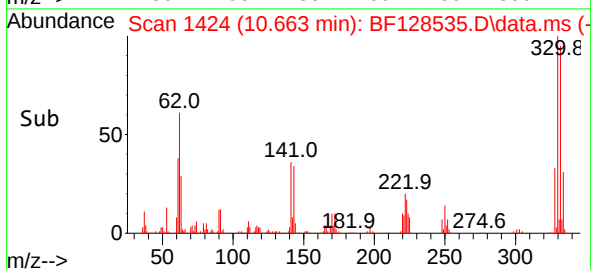
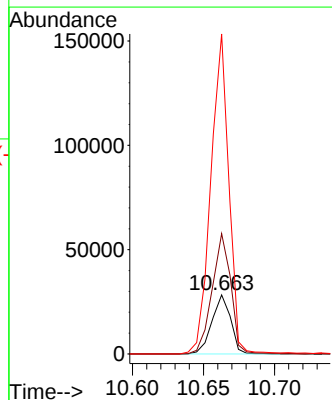
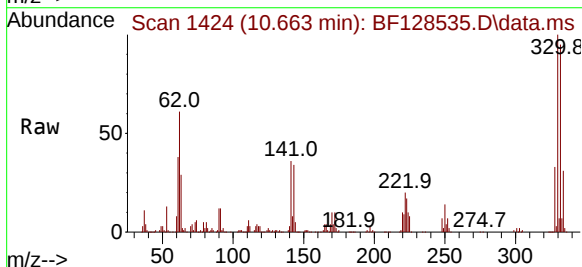
Instrument :
BNA_F
ClientSampleId :
P010-SS006-0006-01

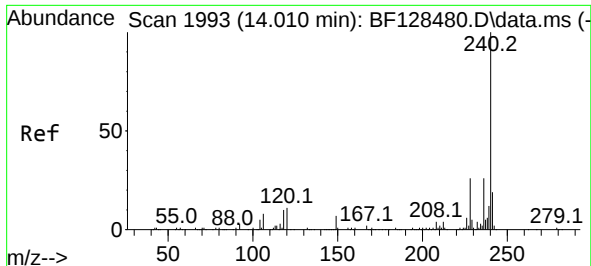
Tgt Ion:198 Resp: 1081
Ion Ratio Lower Upper
198 100
51 216.8 37.6 77.6#
105 203.0 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.606 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

Tgt Ion:248 Resp: 25953
Ion Ratio Lower Upper
248 100
250 204.1 80.6 120.8#
141 542.6 58.9 88.3#

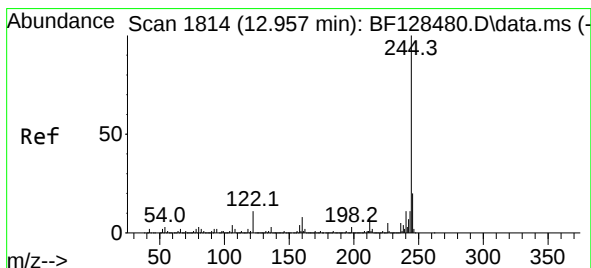
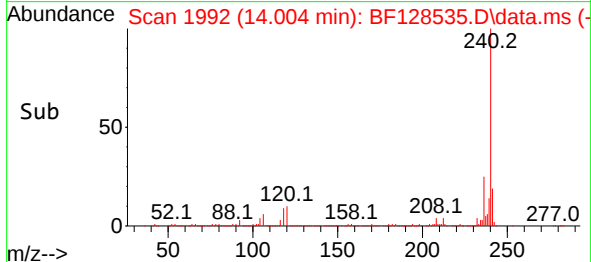
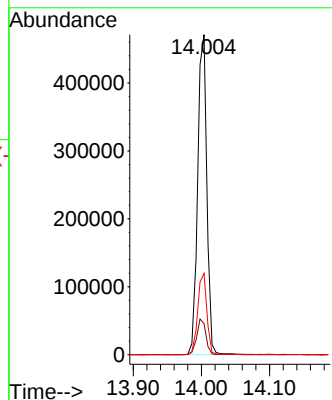
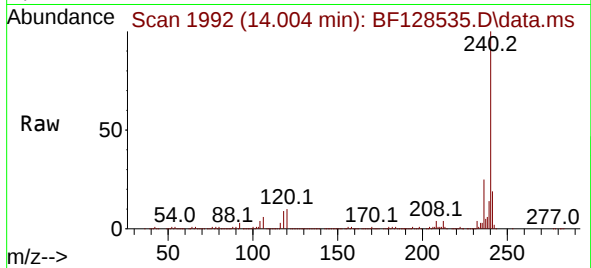




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

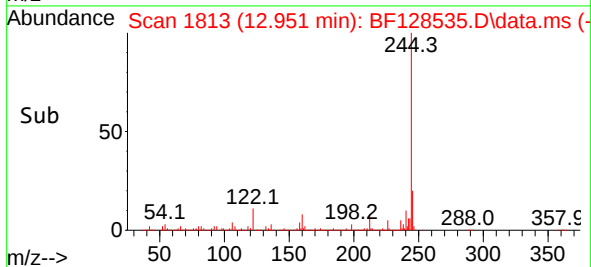
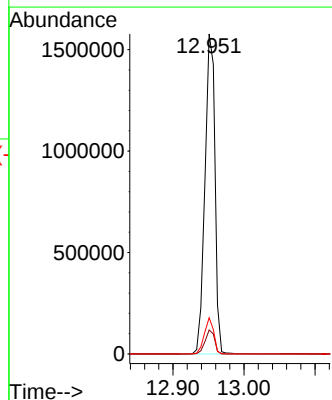
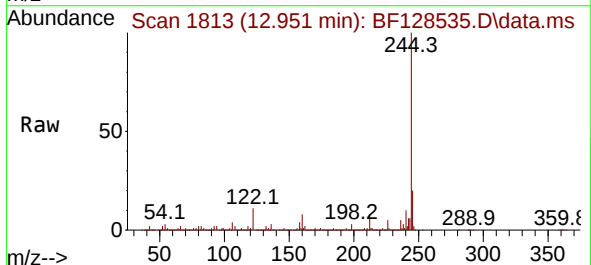
Instrument :
BNA_F
ClientSampleId :
P010-SS006-0006-01

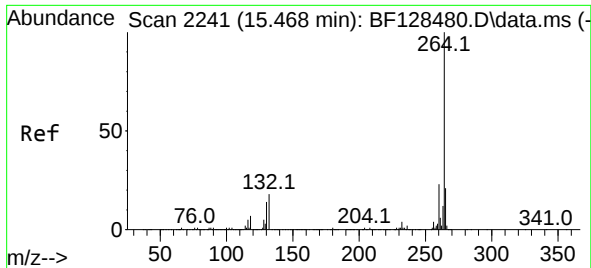
Tgt Ion:240 Resp: 439774
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 25.4 20.8 31.2



#79
Terphenyl-d14
Concen: 68.112 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

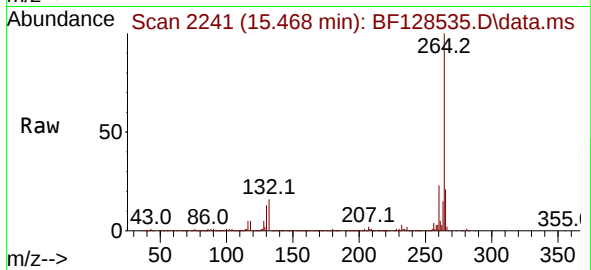
Tgt Ion:244 Resp: 1550444
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 11.3 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128535.D
Acq: 28 May 2022 04:02

Instrument :
BNA_F
ClientSampleId :
P010-SS006-0006-01



Tgt Ion:264 Resp: 429042

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.4	17.2	25.8

