

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128582.D
 Acq On : 29 May 2022 20:30
 Operator : CG\JU
 Sample : N2951-25
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P036-SS002-0006-01

Quant Time: May 30 00:52:49 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)

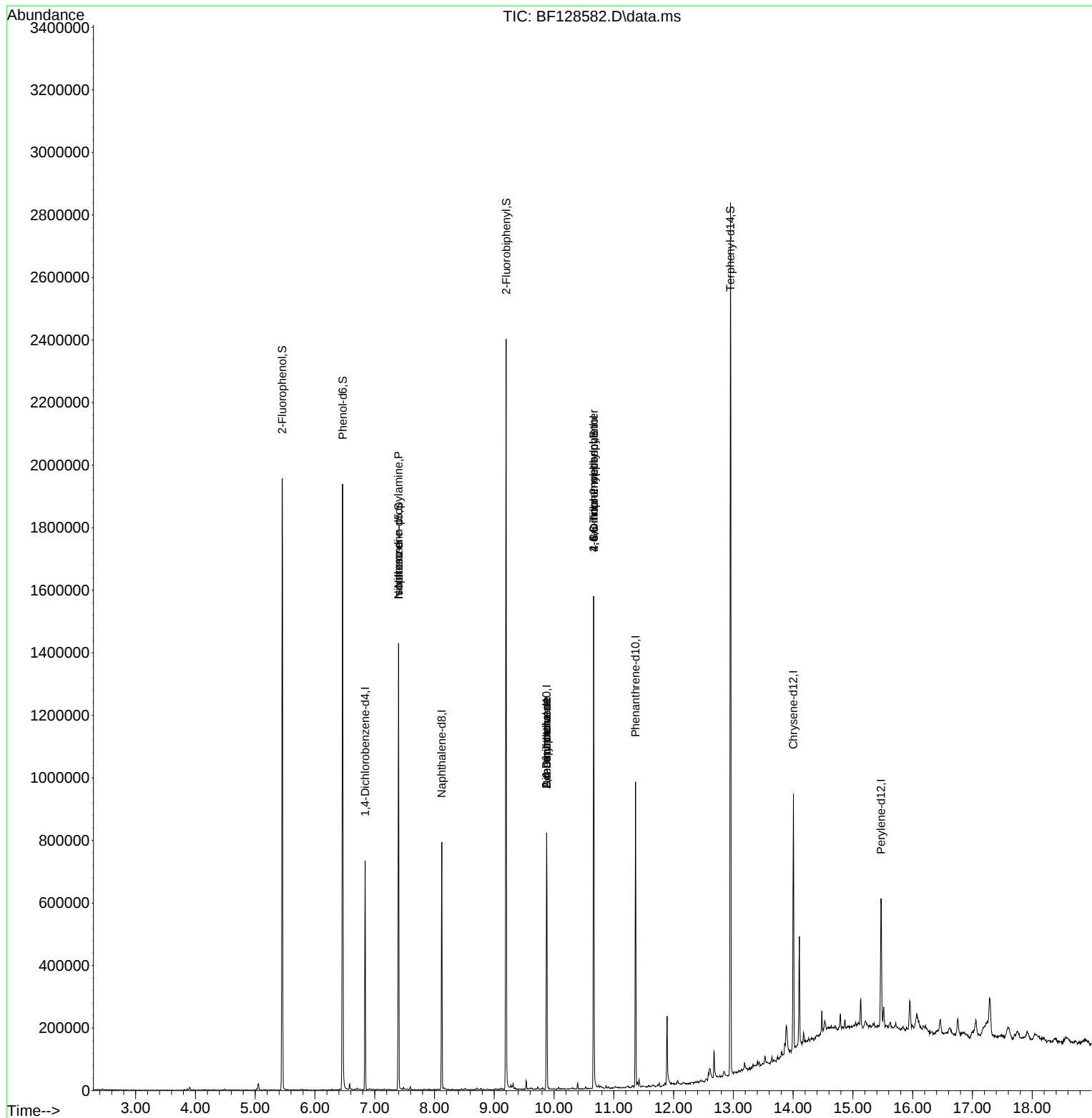
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	92602	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	300643	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	162830	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	325228	20.000	ng	0.00
76) Chrysene-d12	14.004	240	268467	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	195613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	480678	85.981	ng	0.00
7) Phenol-d6	6.463	99	556904	78.128	ng	0.00
23) Nitrobenzene-d5	7.398	82	374747	71.907	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	163502	105.494	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	696793	69.523	ng	0.00
79) Terphenyl-d14	12.951	244	915061	65.850	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	78	Below Cal	#	80
19) n-Nitroso-di-n-propyla...	7.398	70	52080	11.916	ng	# 78
25) Isophorone	7.398	82	372594	38.756	ng	# 65
50) Dimethylphthalate	9.875	163	26640	2.522	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	20667	10.677	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	20667	8.924	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.663	198	481	5.785	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	10772	3.206	ng	# 1

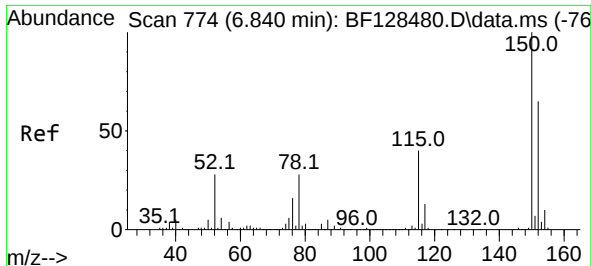
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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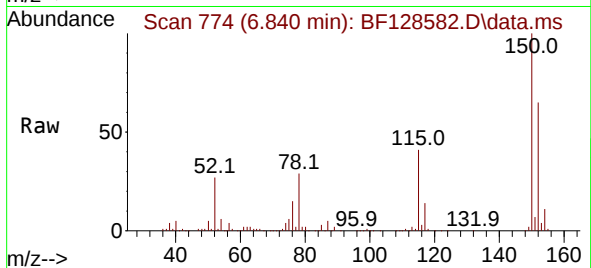
Quant Time: May 30 00:52:49 2022
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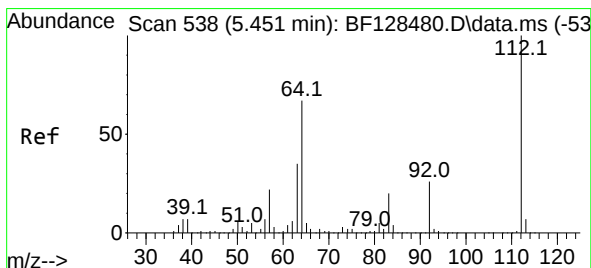
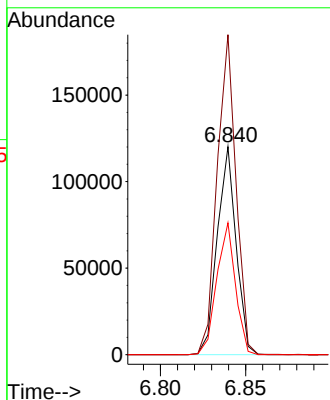
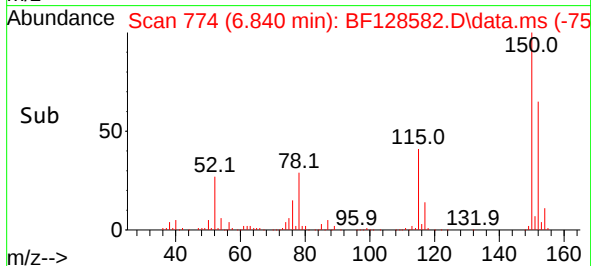


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128582.D
Acq: 29 May 2022 20:30

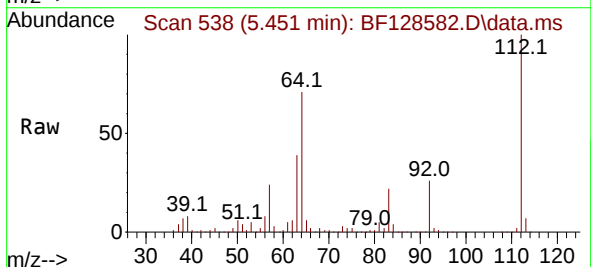
Instrument :
BNA_F
ClientSampleId :
P036-SS002-0006-01



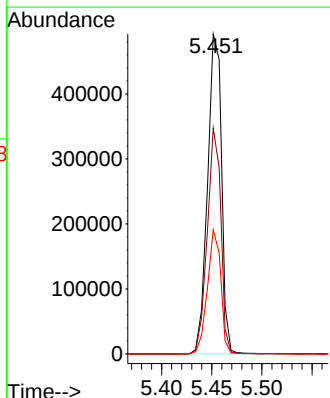
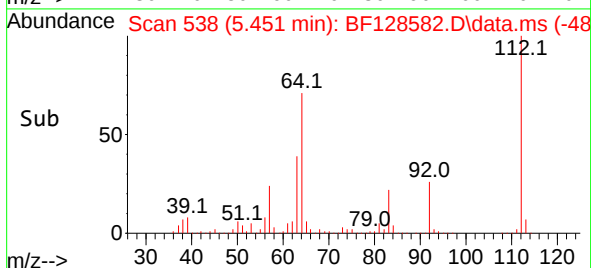
Tgt Ion:152 Resp: 92602
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 63.4 49.9 74.9

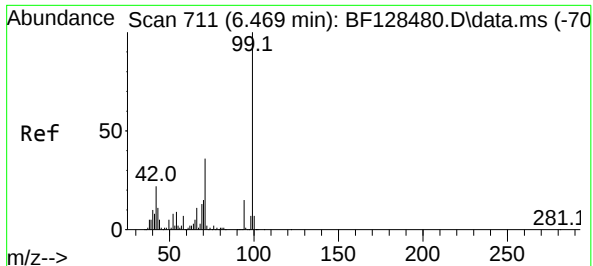


#5
2-Fluorophenol
Concen: 85.981 ng
RT: 5.451 min Scan# 538
Delta R.T. 0.000 min
Lab File: BF128582.D
Acq: 29 May 2022 20:30



Tgt Ion:112 Resp: 480678
Ion Ratio Lower Upper
112 100
64 70.6 53.3 79.9
63 38.8 28.0 42.0

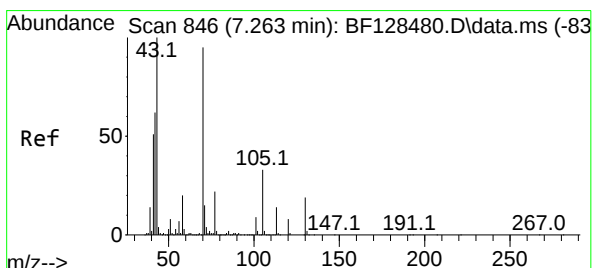
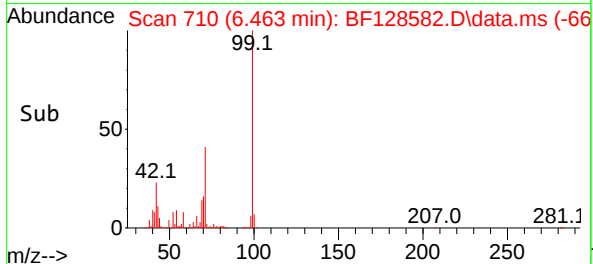
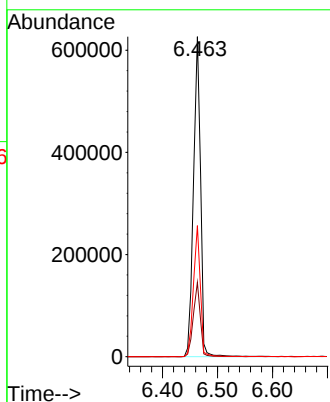
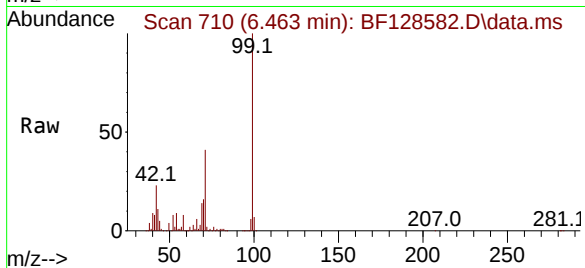




#7
Phenol-d6
Concen: 78.128 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128582.D
Acq: 29 May 2022 20:30

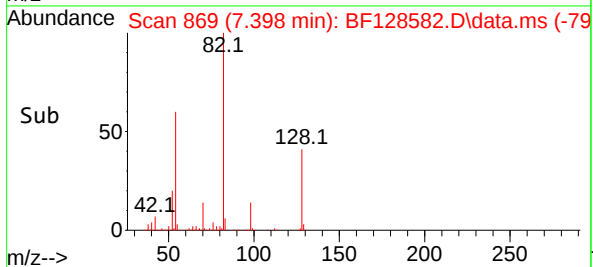
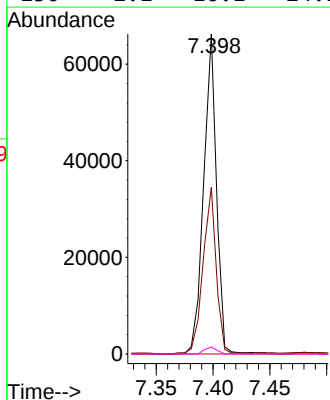
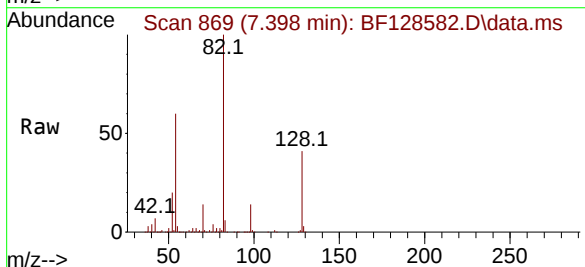
Instrument :
BNA_F
ClientSampleId :
P036-SS002-0006-01

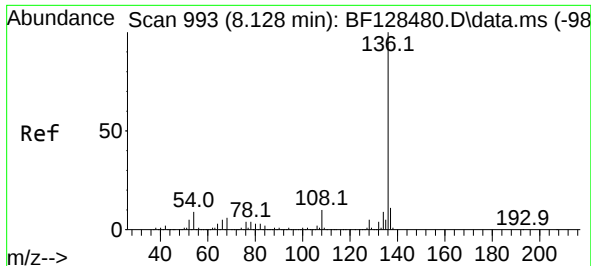
Tgt Ion: 99 Resp: 556904
Ion Ratio Lower Upper
99 100
42 23.2 17.3 25.9
71 40.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.916 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128582.D
Acq: 29 May 2022 20:30

Tgt Ion: 70 Resp: 52080
Ion Ratio Lower Upper
70 100
42 52.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 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: BF128582.D

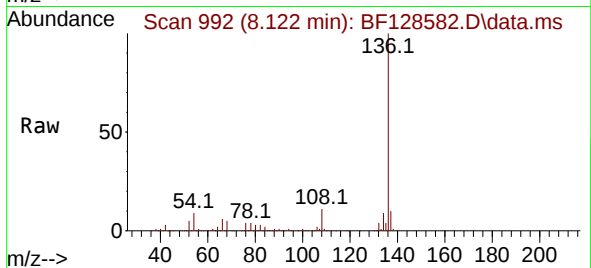
Acq: 29 May 2022 20:30

Instrument :

BNA_F

ClientSampleId :

P036-SS002-0006-01



Tgt Ion:136 Resp: 300643

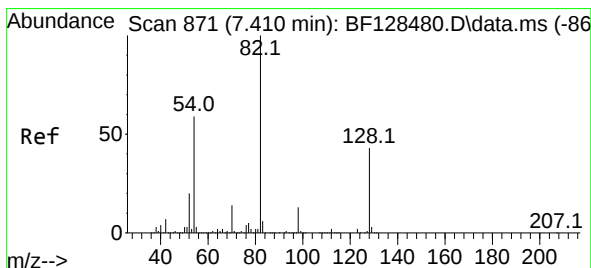
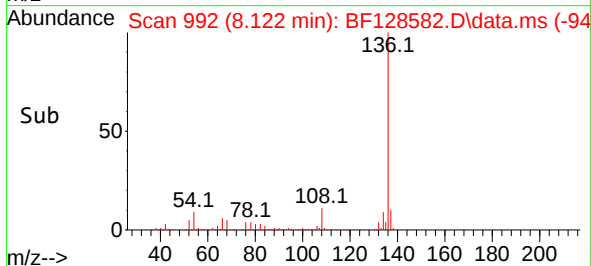
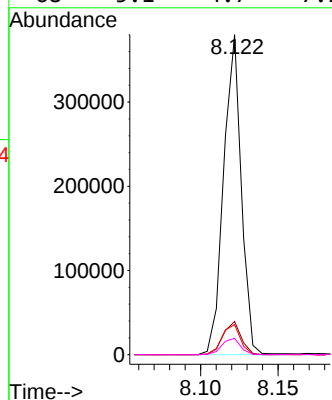
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 9.4 7.5 11.3

68 5.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 71.907 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128582.D

Acq: 29 May 2022 20:30

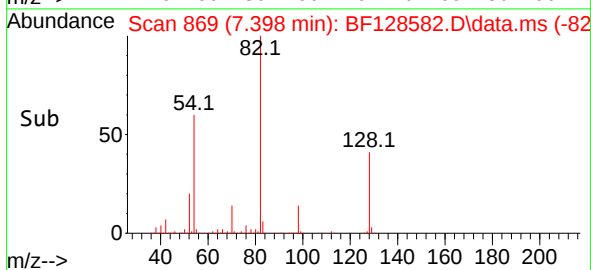
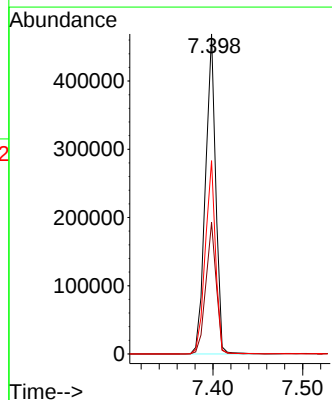
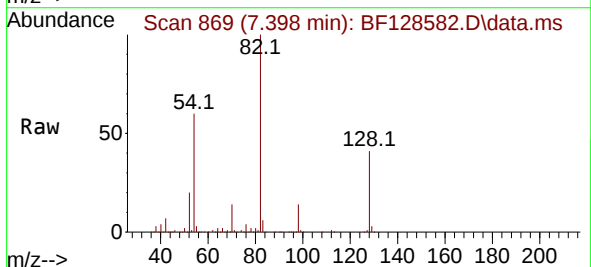
Tgt Ion: 82 Resp: 374747

Ion Ratio Lower Upper

82 100

128 41.1 34.0 51.0

54 60.4 46.9 70.3

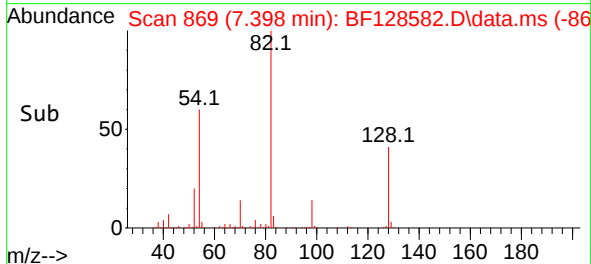
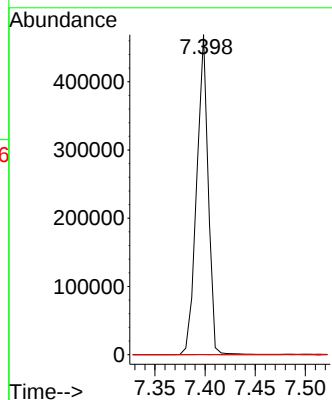
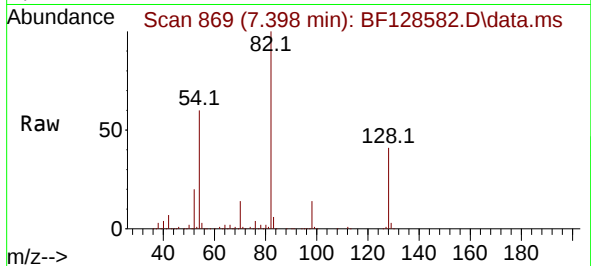




#25
Isophorone
Concen: 38.756 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128582.D
Acq: 29 May 2022 20:30

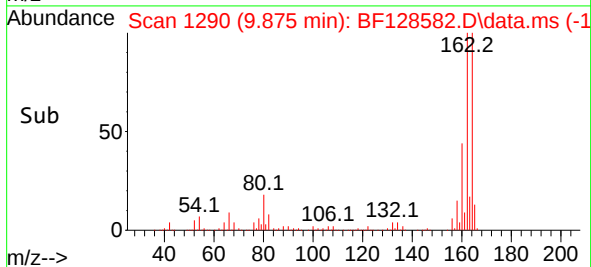
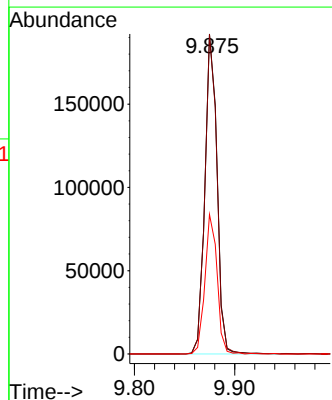
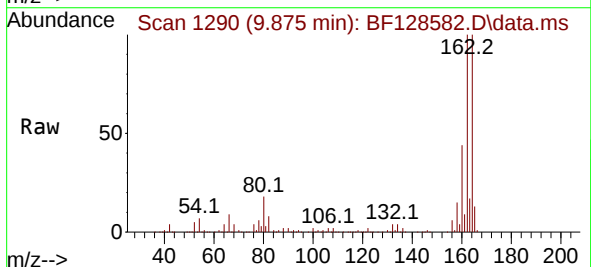
Instrument :
BNA_F
ClientSampleId :
P036-SS002-0006-01

Tgt Ion: 82 Resp: 372594
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: BF128582.D
Acq: 29 May 2022 20:30

Tgt Ion: 164 Resp: 162830
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 105.494 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128582.D

Acq: 29 May 2022 20:30

Instrument :

BNA_F

ClientSampleId :

P036-SS002-0006-01

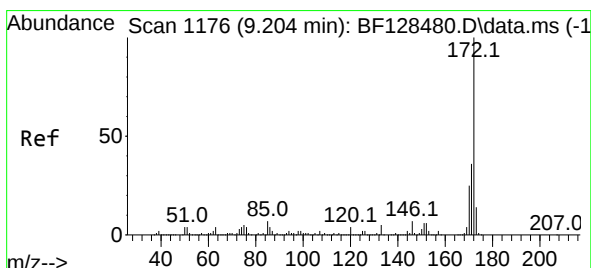
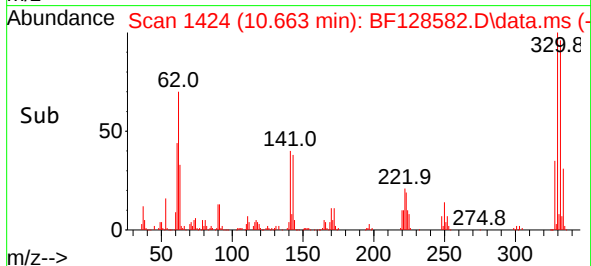
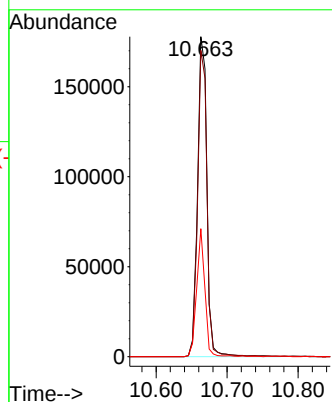
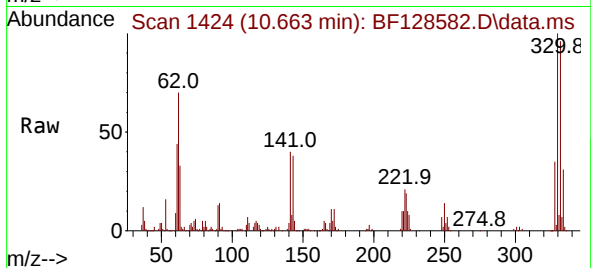
Tgt Ion:330 Resp: 163502

Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 69.523 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128582.D

Acq: 29 May 2022 20:30

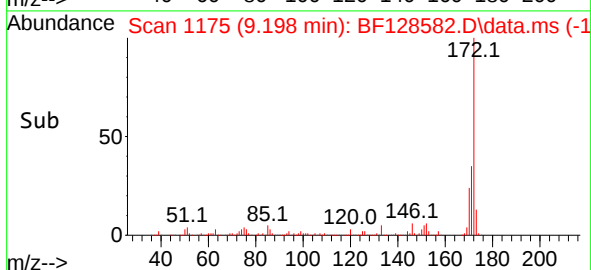
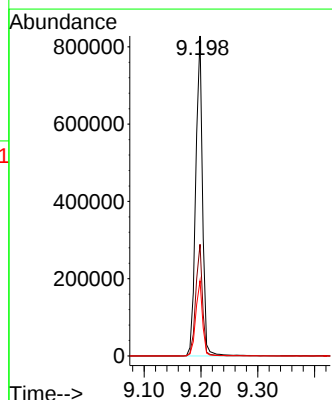
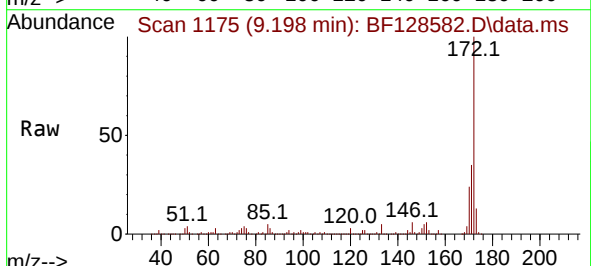
Tgt Ion:172 Resp: 696793

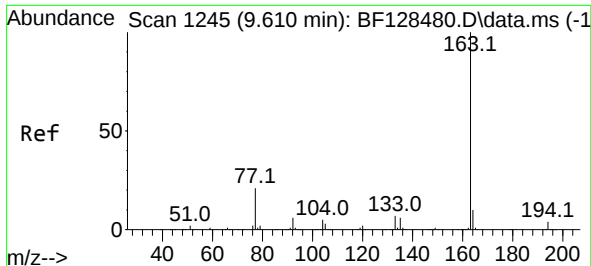
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.5 19.8 29.8

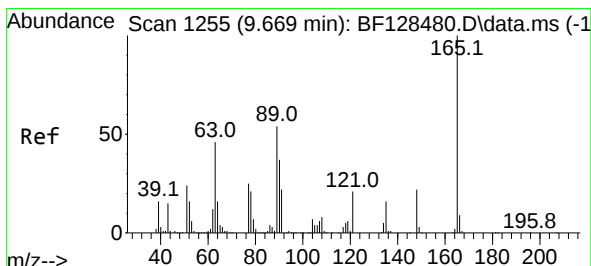
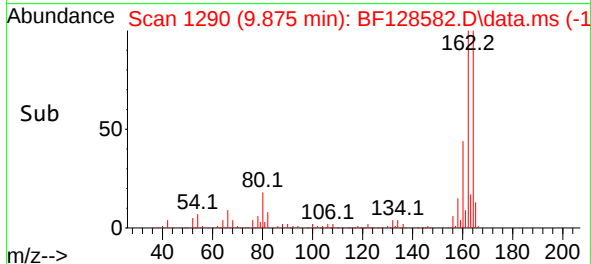
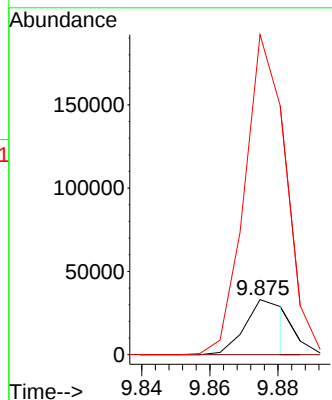
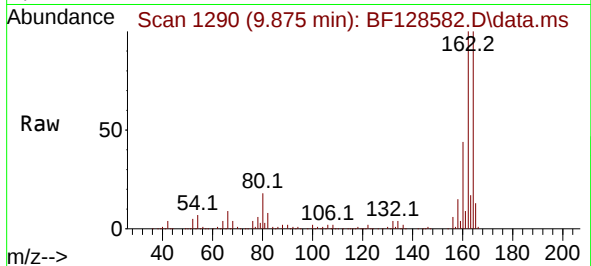




#50
Dimethylphthalate
Concen: 2.522 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF128582.D
Acq: 29 May 2022 20:30

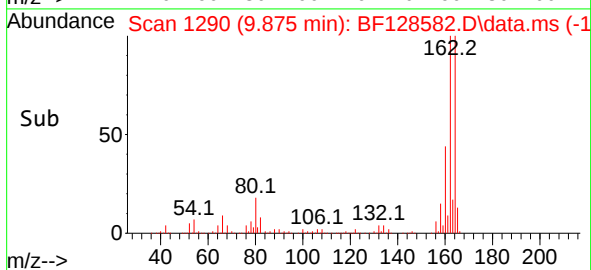
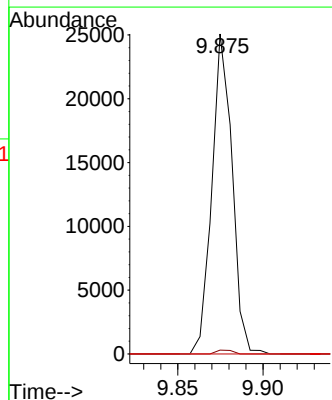
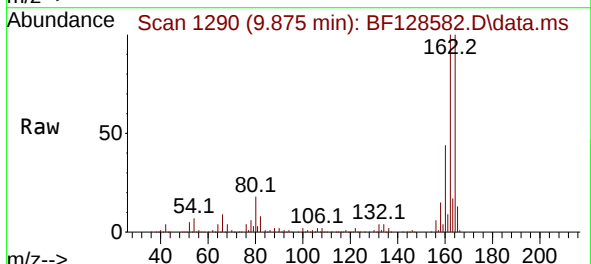
Instrument :
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P036-SS002-0006-01

Tgt Ion:163 Resp: 26640
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 580.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.677 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128582.D
Acq: 29 May 2022 20:30

Tgt Ion:165 Resp: 20667
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 0.0 43.6 65.4#

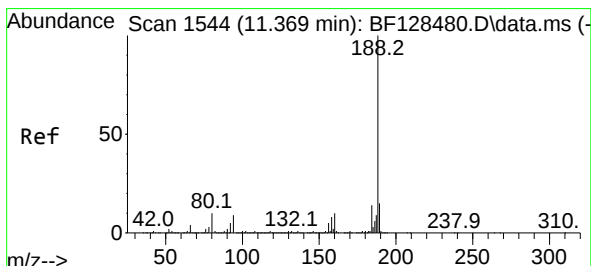
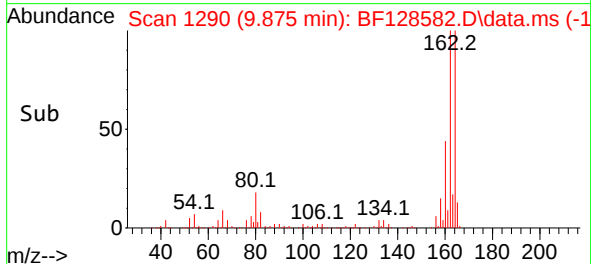
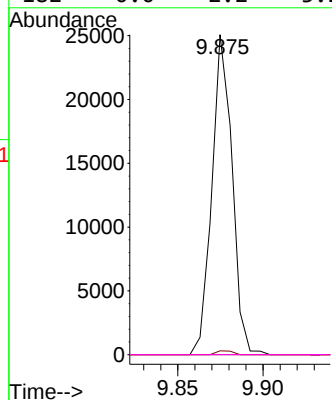
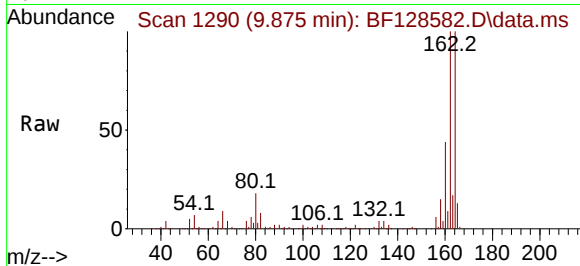




#57
2,4-Dinitrotoluene
Concen: 8.924 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128582.D
Acq: 29 May 2022 20:30

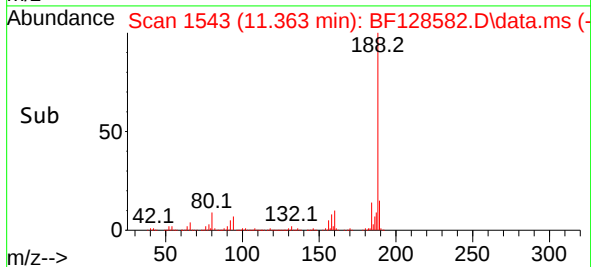
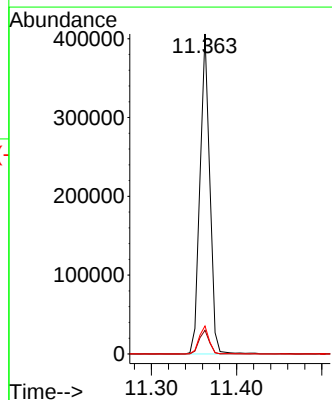
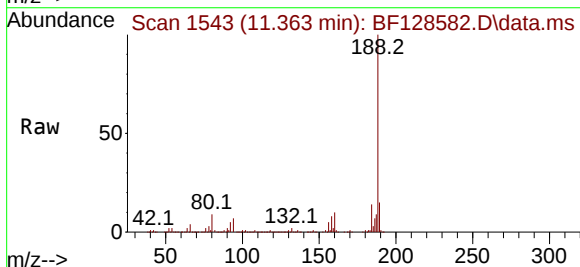
Instrument :
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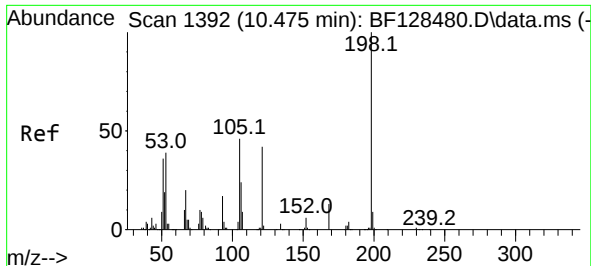
Tgt Ion:	165	Resp:	20667
Ion Ratio	Lower	Upper	
165	100		
63	1.2	39.8	59.6#
89	0.0	60.2	90.2#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128582.D
Acq: 29 May 2022 20:30

Tgt Ion:	188	Resp:	325228
Ion Ratio	Lower	Upper	
188	100		
94	7.4	7.0	10.6
80	8.7	7.6	11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.785 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128582.D

Acq: 29 May 2022 20:30

Instrument :

BNA_F

ClientSampleId :

P036-SS002-0006-01

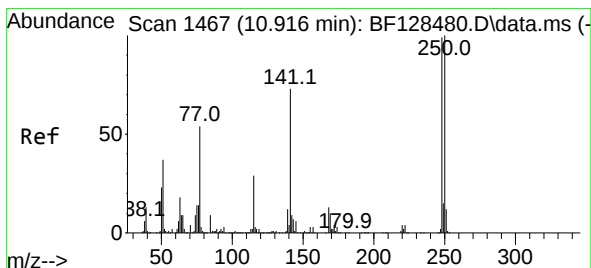
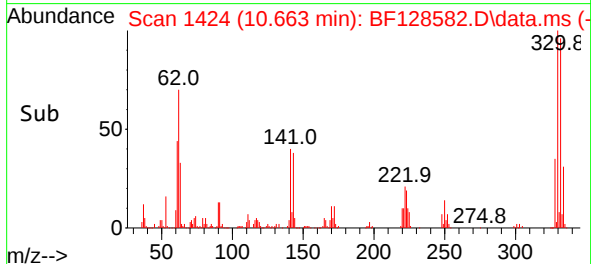
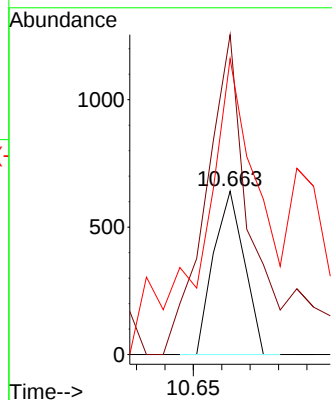
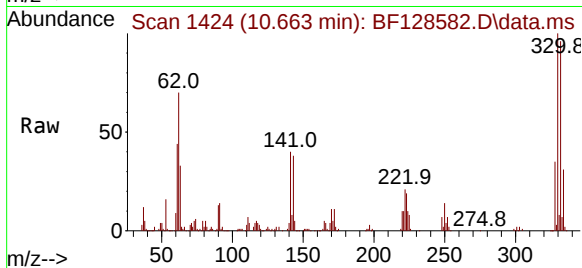
Tgt Ion:198 Resp: 481

Ion Ratio Lower Upper

198 100

51 195.8 37.6 77.6#

105 181.1 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 3.206 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128582.D

Acq: 29 May 2022 20:30

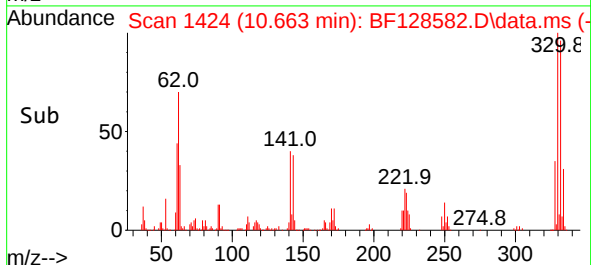
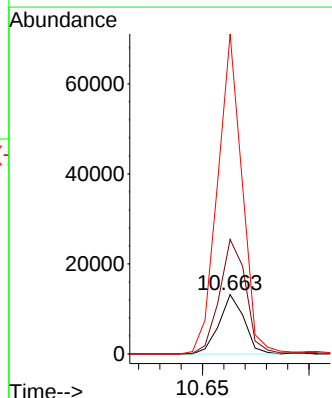
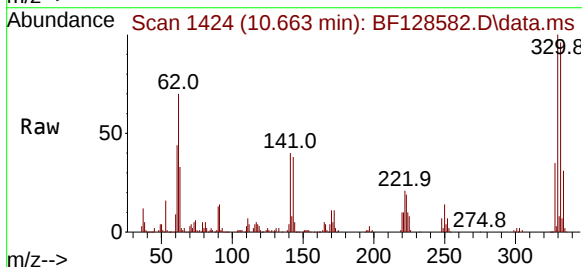
Tgt Ion:248 Resp: 10772

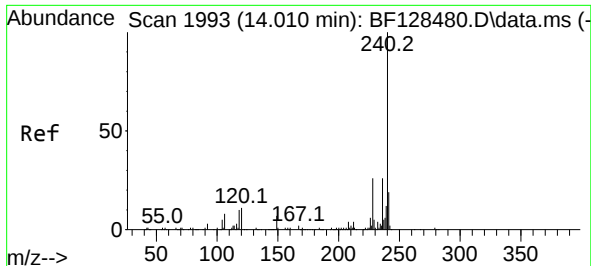
Ion Ratio Lower Upper

248 100

250 192.9 80.6 120.8#

141 539.2 58.9 88.3#

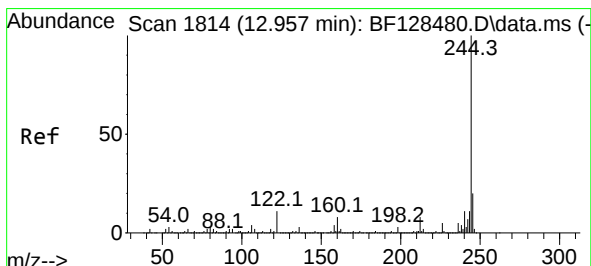
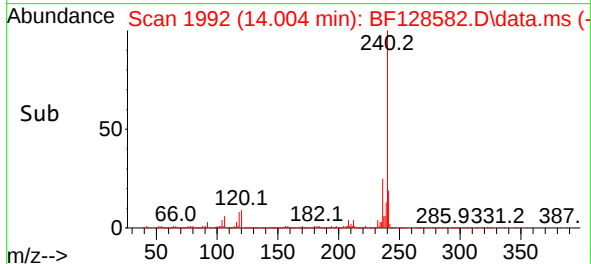
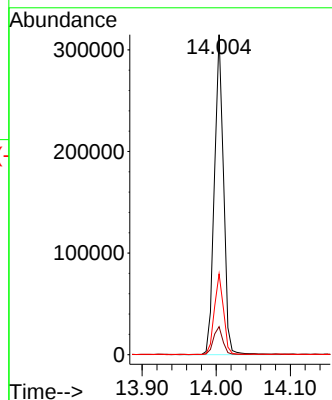
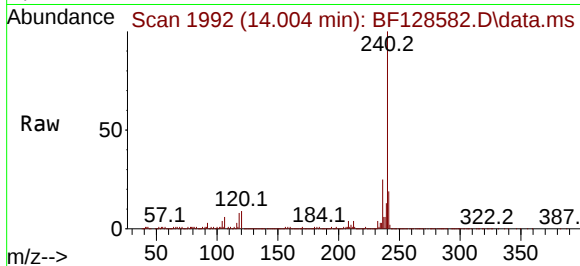




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF128582.D
Acq: 29 May 2022 20:30

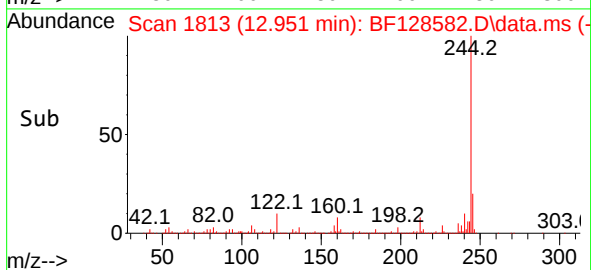
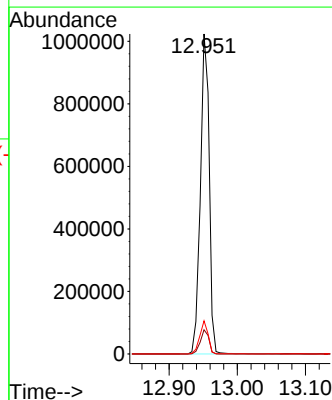
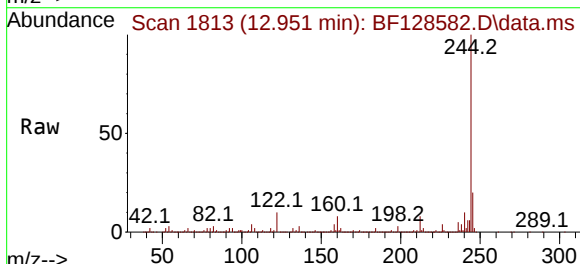
Instrument :
BNA_F
ClientSampleId :
P036-SS002-0006-01

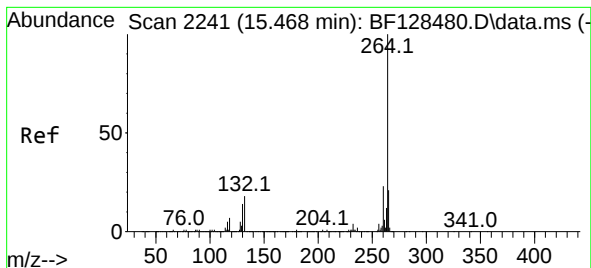
Tgt Ion:240 Resp: 268467
Ion Ratio Lower Upper
240 100
120 8.8 8.9 13.3#
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 65.850 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128582.D
Acq: 29 May 2022 20:30

Tgt Ion:244 Resp: 915061
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 10.4 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: BF128582.D

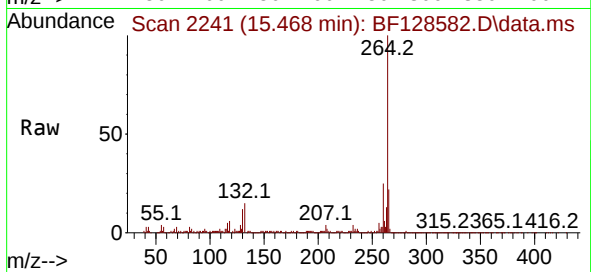
Acq: 29 May 2022 20:30

Instrument :

BNA_F

ClientSampleId :

P036-SS002-0006-01



Tgt Ion:264 Resp: 195613

Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

265 21.7 17.2 25.8

