

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128578.D
 Acq On : 29 May 2022 18:31
 Operator : CG\JU
 Sample : N2951-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P035-SS001-2430-01

Quant Time: May 30 00:52:12 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)

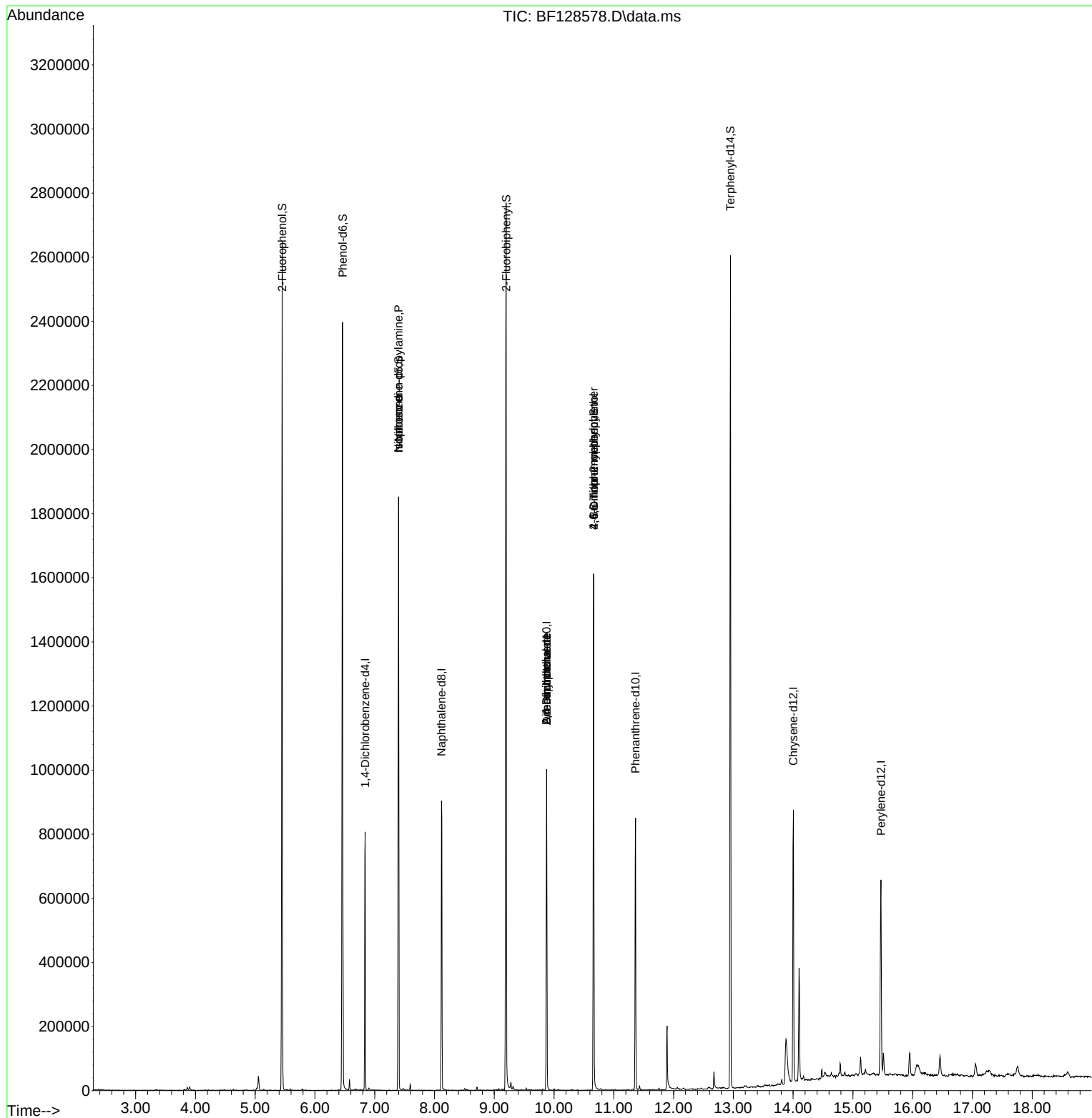
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	110046	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	380234	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	180908	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	304817	20.000	ng	0.00
76) Chrysene-d12	14.004	240	291976	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	274160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	622925	93.762	ng	0.00
7) Phenol-d6	6.463	99	744372	87.874	ng	0.00
23) Nitrobenzene-d5	7.398	82	502116	76.180	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	174626	101.412	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	848650	76.213	ng	0.00
79) Terphenyl-d14	12.951	244	828402	54.814	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	278	Below Cal	#	75
19) n-Nitroso-di-n-propyla...	7.398	70	70070	13.491	ng	# 78
25) Isophorone	7.398	82	502110	41.295	ng	# 65
50) Dimethylphthalate	9.875	163	31466	2.681	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	23172	10.774	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	23172	9.006	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	460	5.791	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	11300	3.588	ng	# 1

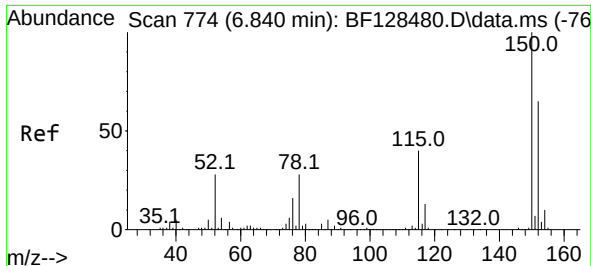
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
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P035-SS001-2430-01

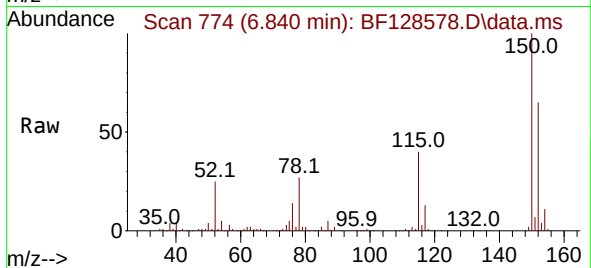
Quant Time: May 30 00:52:12 2022
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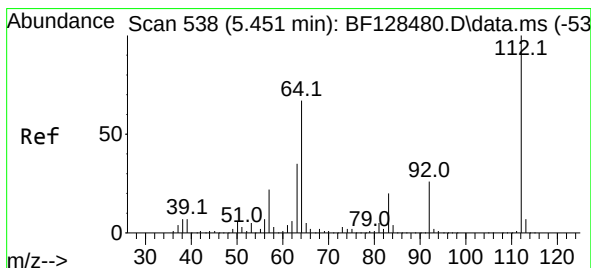
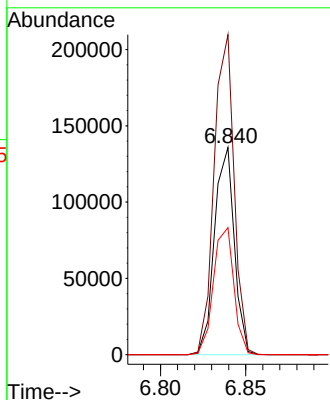
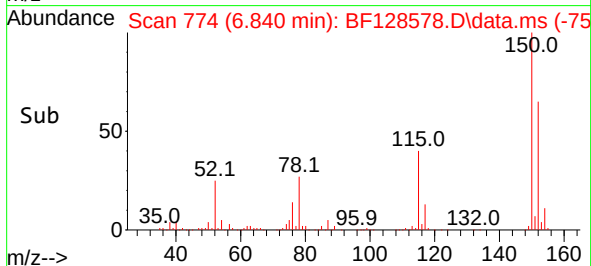


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

Instrument :
BNA_F
ClientSampleId :
P035-SS001-2430-01

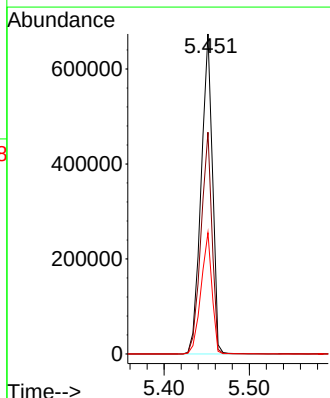
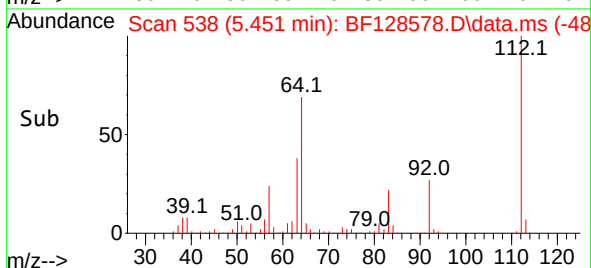
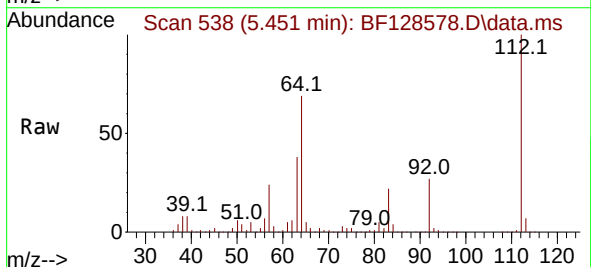


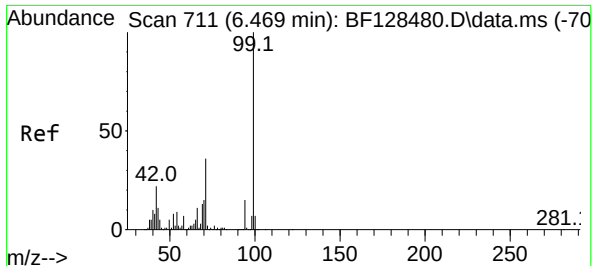
Tgt Ion:152 Resp: 110046
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 61.3 49.9 74.9



#5
2-Fluorophenol
Concen: 93.762 ng
RT: 5.451 min Scan# 538
Delta R.T. 0.000 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

Tgt Ion:112 Resp: 622925
Ion Ratio Lower Upper
112 100
64 69.3 53.3 79.9
63 37.9 28.0 42.0

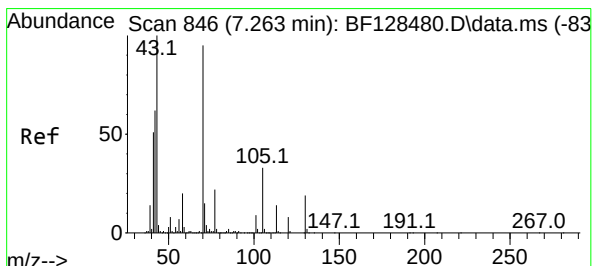
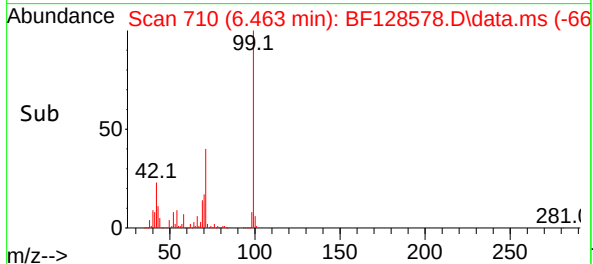
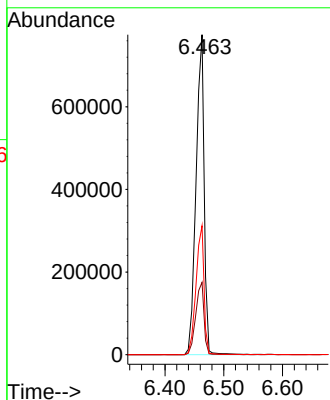
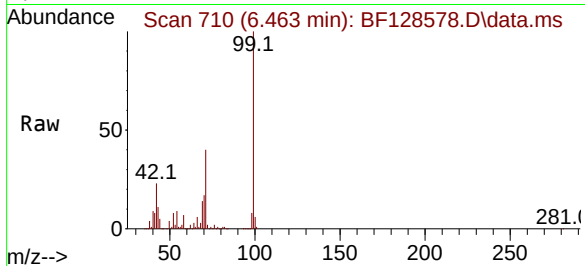




#7
Phenol-d6
Concen: 87.874 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

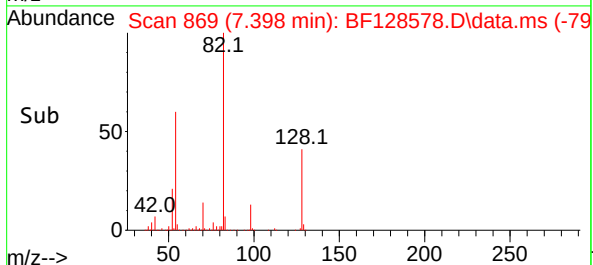
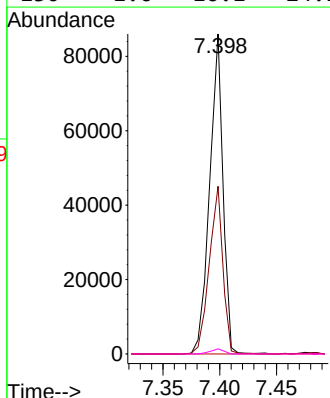
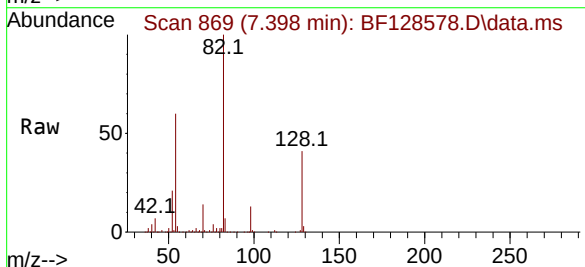
Instrument :
BNA_F
ClientSampleId :
P035-SS001-2430-01

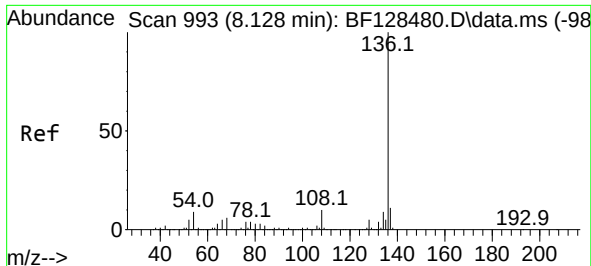
Tgt Ion: 99 Resp: 744372
Ion Ratio Lower Upper
99 100
42 22.6 17.3 25.9
71 40.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.491 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

Tgt Ion: 70 Resp: 70070
Ion Ratio Lower Upper
70 100
42 52.4 52.3 78.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#

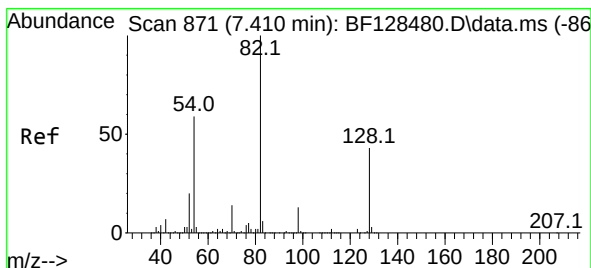
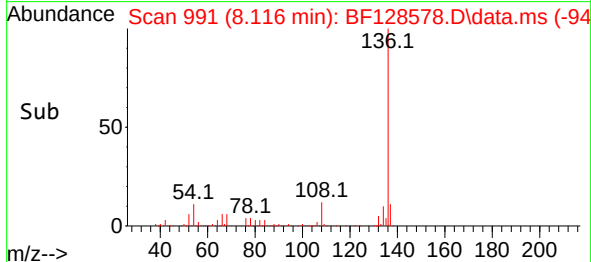
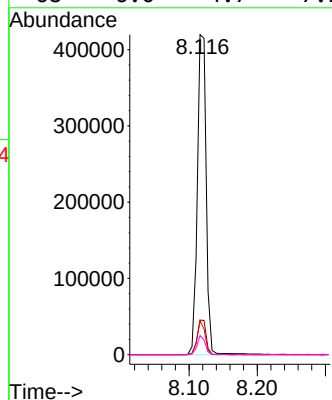
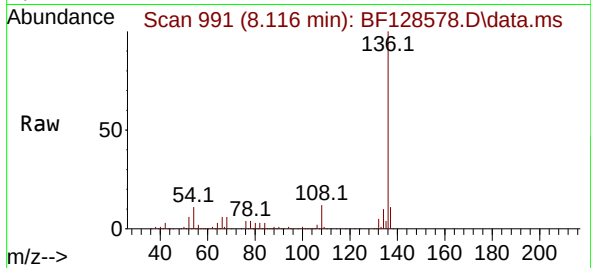




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

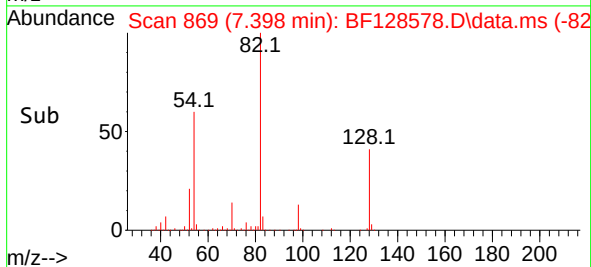
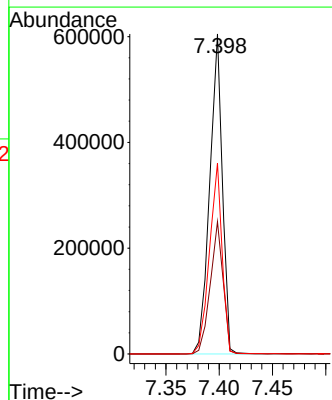
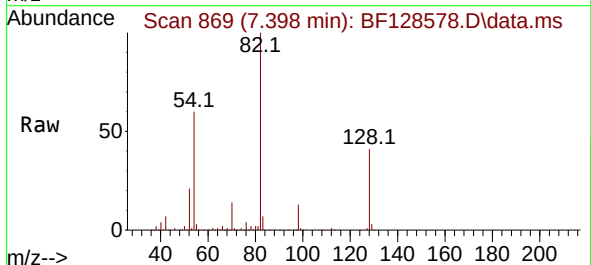
Instrument :
BNA_F
ClientSampleId :
P035-SS001-2430-01

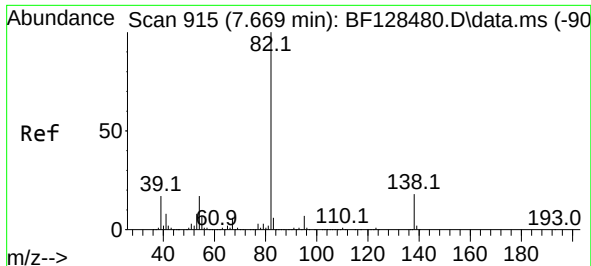
Tgt Ion:136 Resp: 380234
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.5 7.5 11.3
68 6.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 76.180 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

Tgt Ion: 82 Resp: 502116
Ion Ratio Lower Upper
82 100
128 41.4 34.0 51.0
54 59.7 46.9 70.3

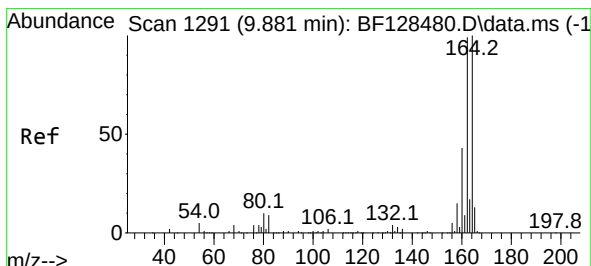
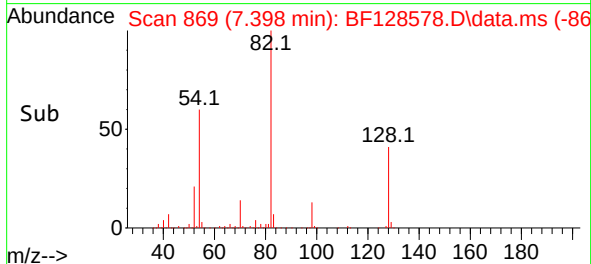
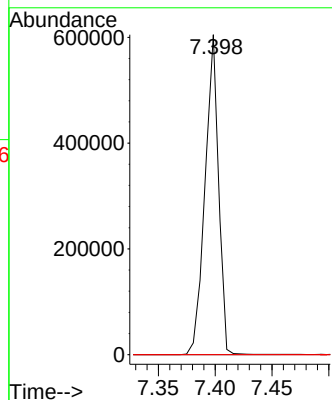
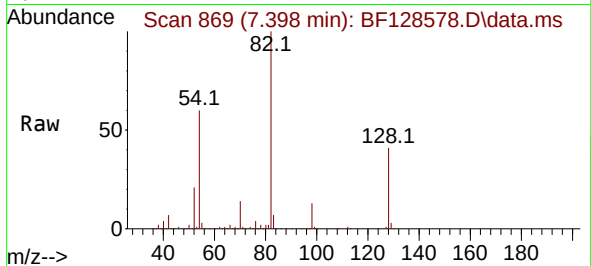




#25
Isophorone
Concen: 41.295 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

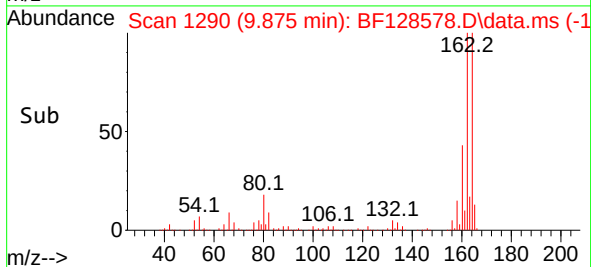
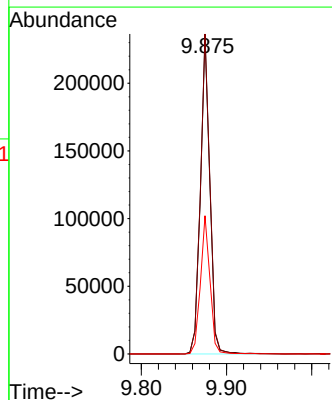
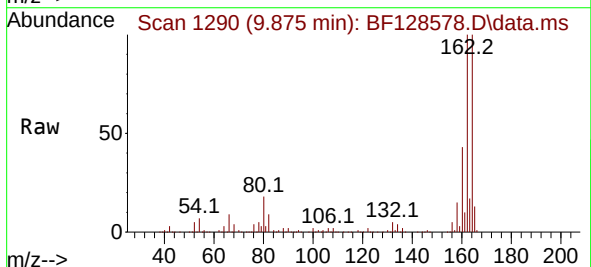
Instrument :
BNA_F
ClientSampleId :
P035-SS001-2430-01

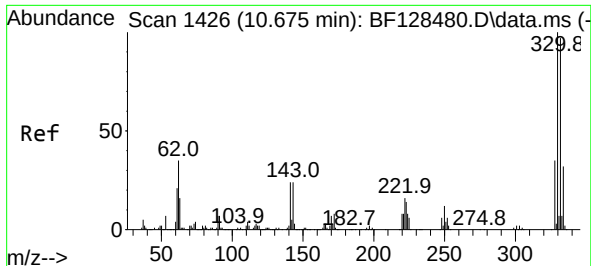
Tgt Ion: 82 Resp: 502110
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

Tgt Ion:164 Resp: 180908
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 43.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 101.412 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128578.D

Acq: 29 May 2022 18:31

Instrument :

BNA_F

ClientSampleId :

P035-SS001-2430-01

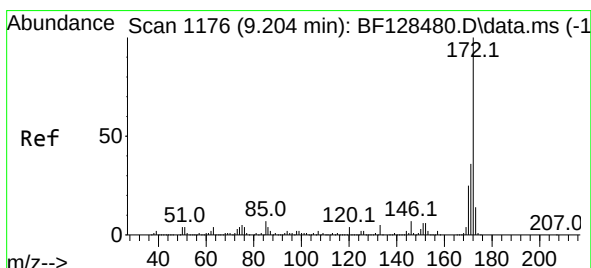
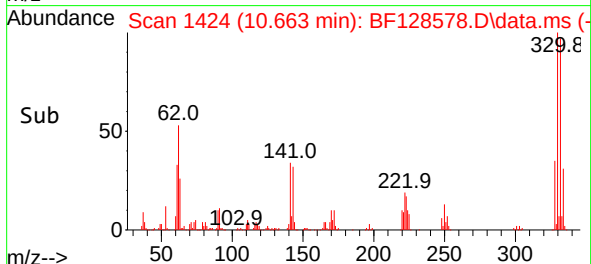
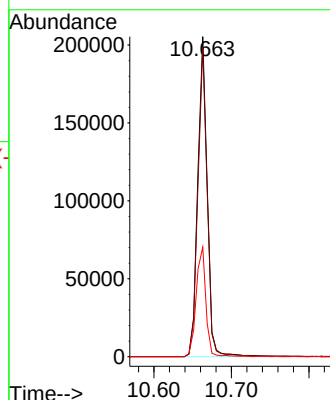
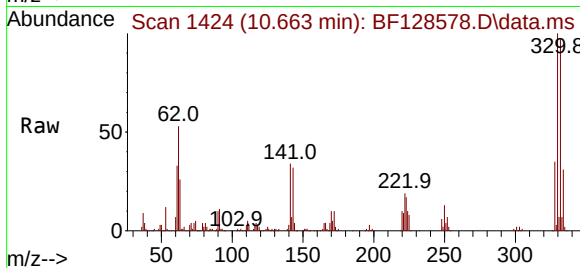
Tgt Ion:330 Resp: 174626

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 76.213 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128578.D

Acq: 29 May 2022 18:31

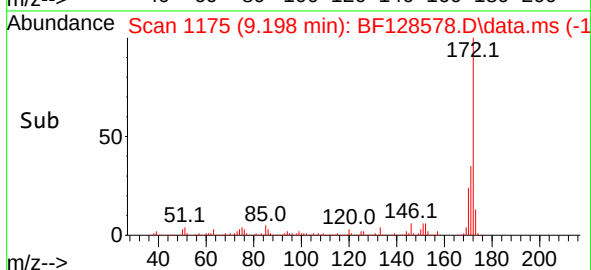
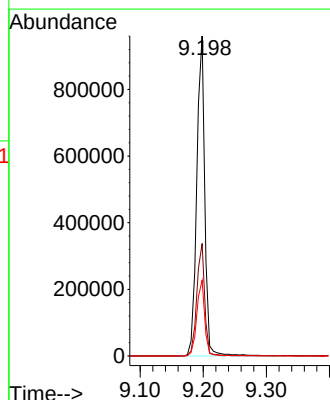
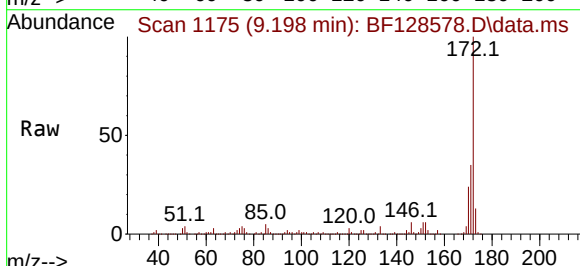
Tgt Ion:172 Resp: 848650

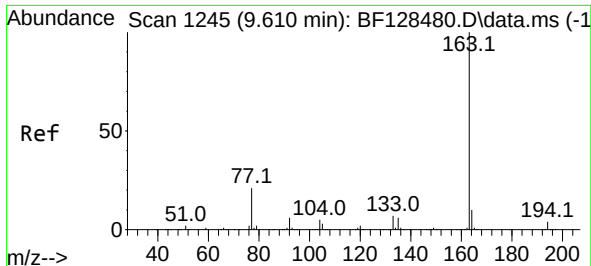
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.6 19.8 29.8

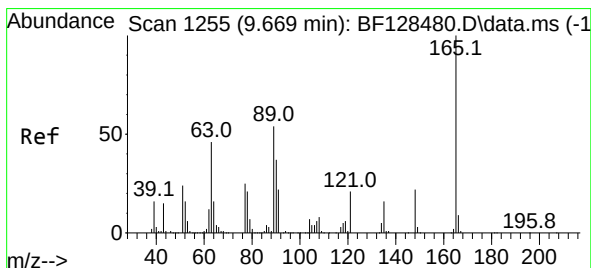
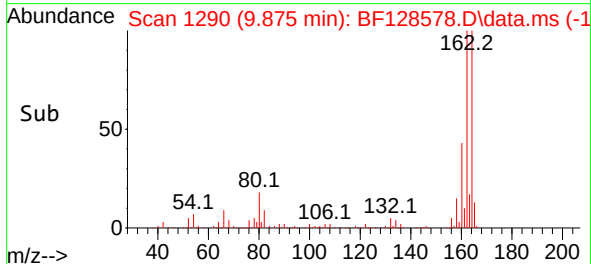
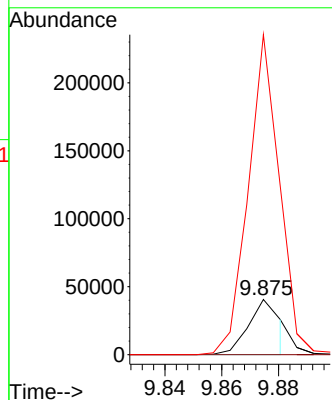
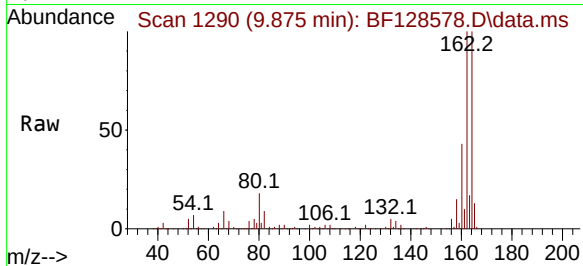




#50
Dimethylphthalate
Concen: 2.681 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

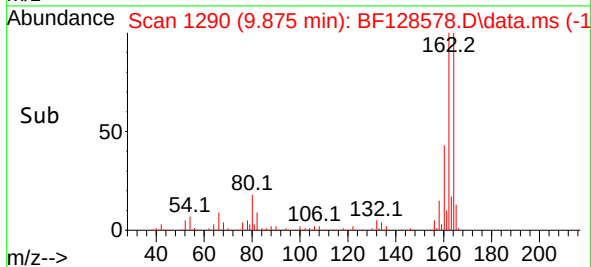
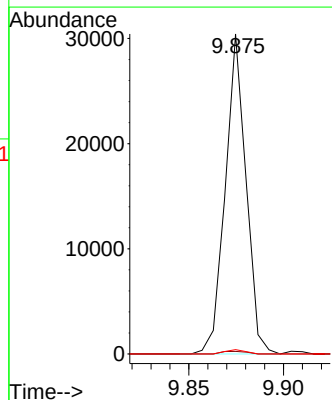
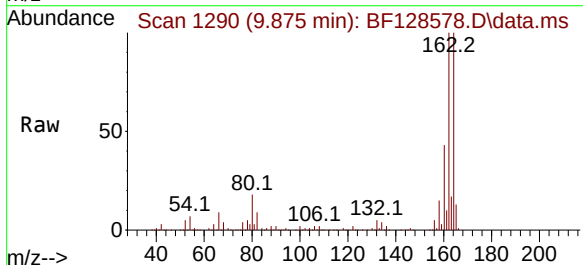
Instrument :
BNA_F
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P035-SS001-2430-01

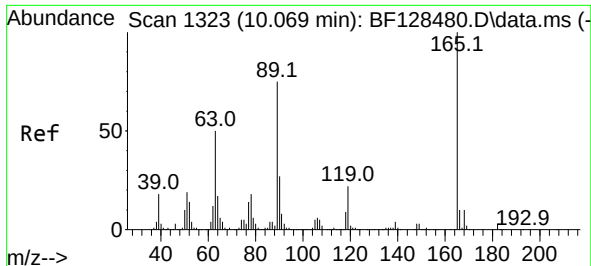
Tgt Ion:163 Resp: 31466
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 579.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.774 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

Tgt Ion:165 Resp: 23172
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 1.3 43.6 65.4#

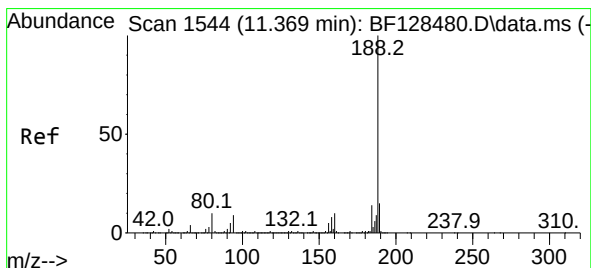
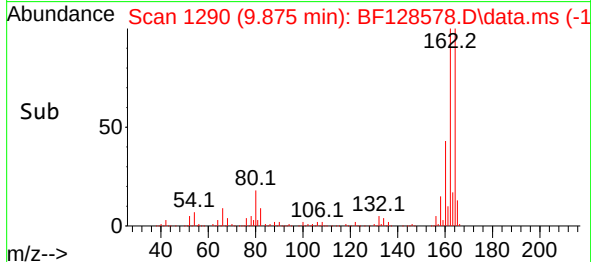
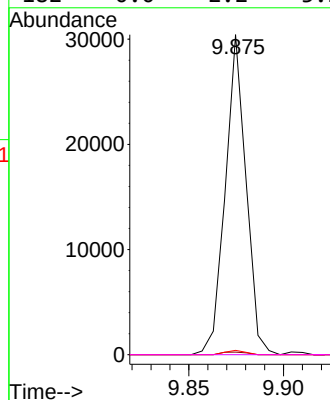
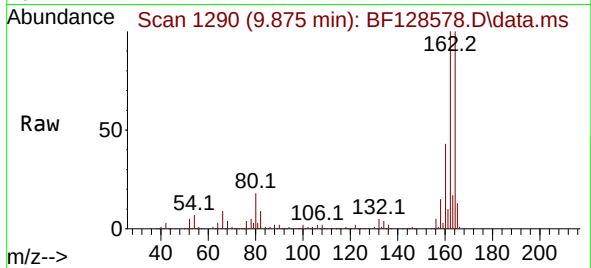




#57
2,4-Dinitrotoluene
Concen: 9.006 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

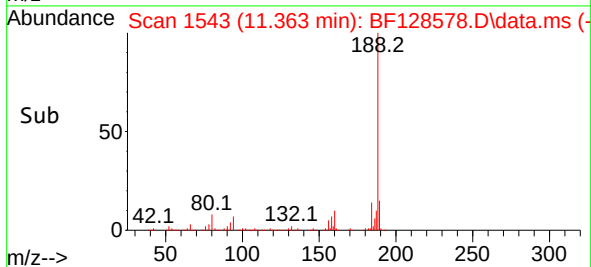
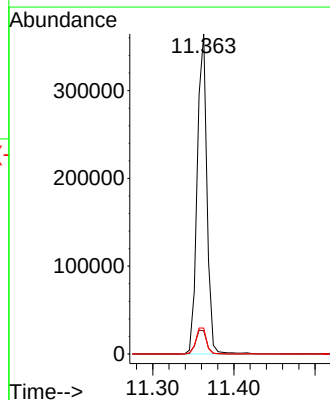
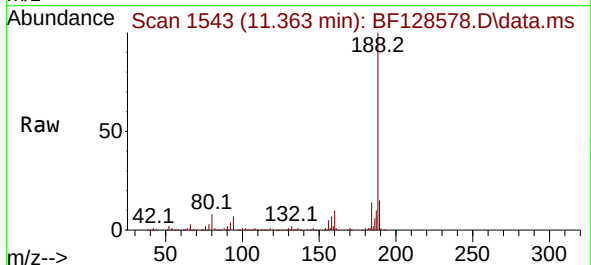
Instrument :
BNA_F
ClientSampleId :
P035-SS001-2430-01

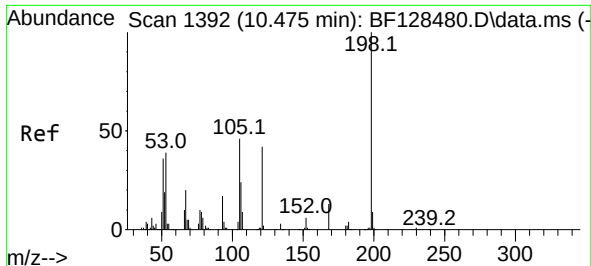
Tgt Ion:165 Resp: 23172
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

Tgt Ion:188 Resp: 304817
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.1 7.6 11.4

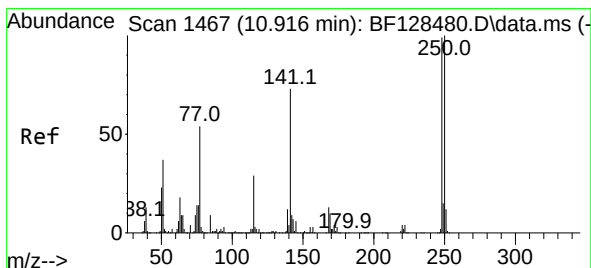
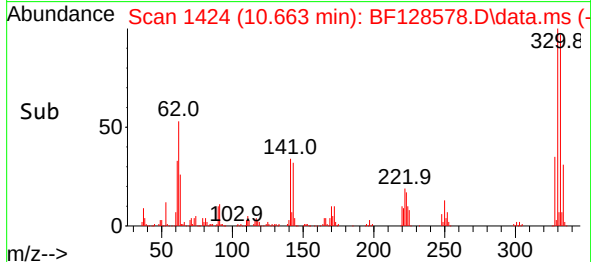
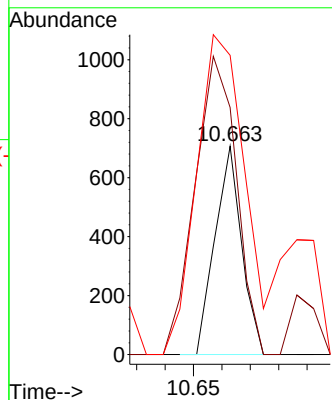
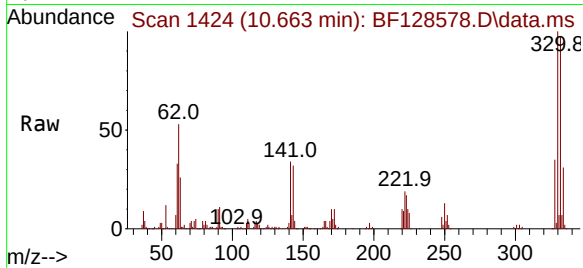




#65
4,6-Dinitro-2-methylphenol
Concen: 5.791 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

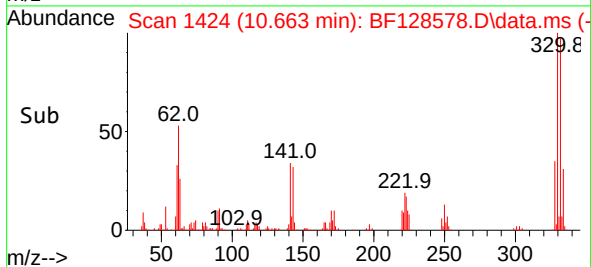
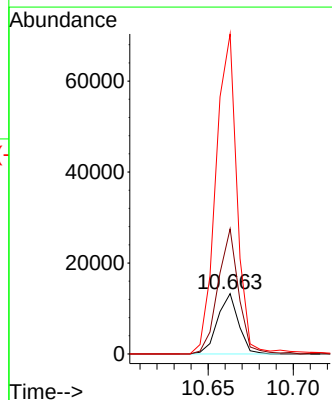
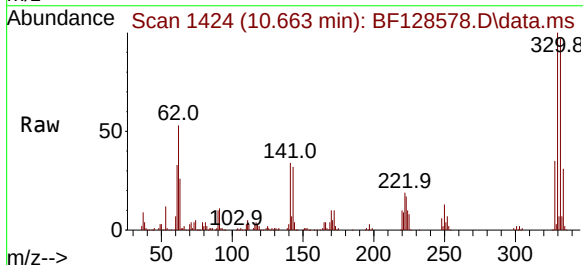
Instrument :
BNA_F
ClientSampleId :
P035-SS001-2430-01

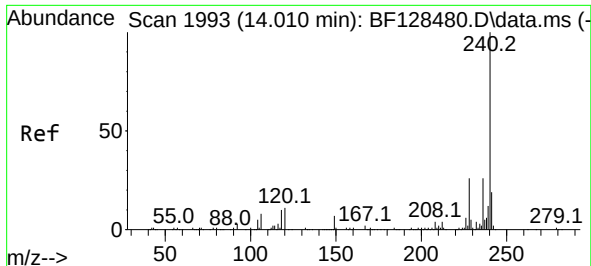
Tgt Ion:198 Resp: 460
Ion Ratio Lower Upper
198 100
51 118.5 37.6 77.6#
105 143.6 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.588 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

Tgt Ion:248 Resp: 11300
Ion Ratio Lower Upper
248 100
250 207.3 80.6 120.8#
141 530.2 58.9 88.3#

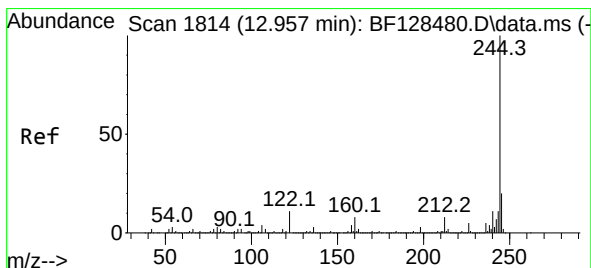
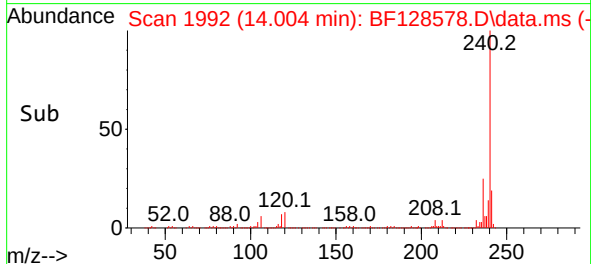
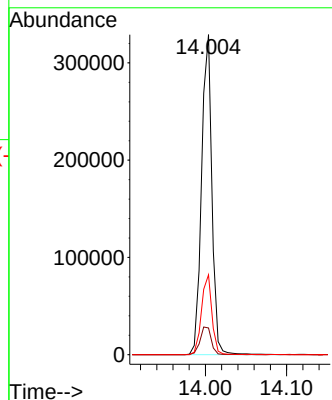
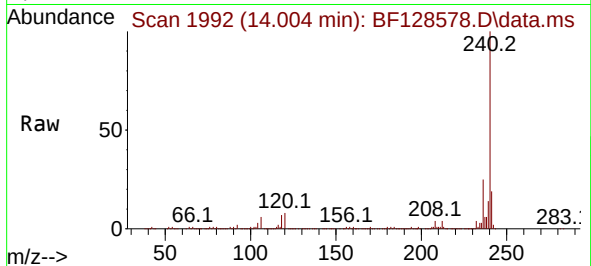




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

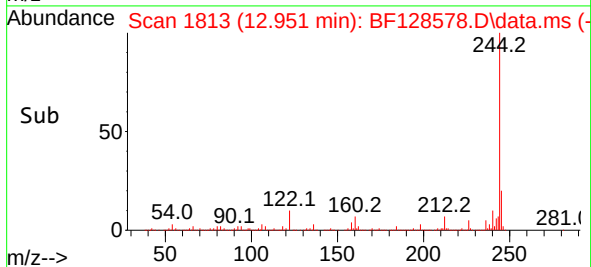
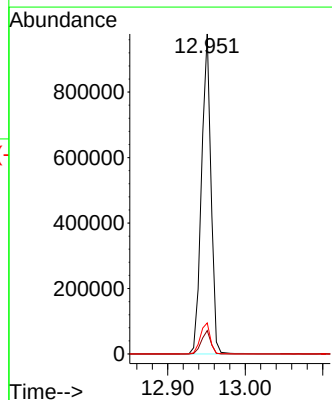
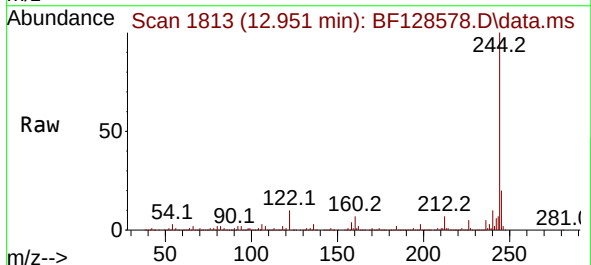
Instrument :
BNA_F
ClientSampleId :
P035-SS001-2430-01

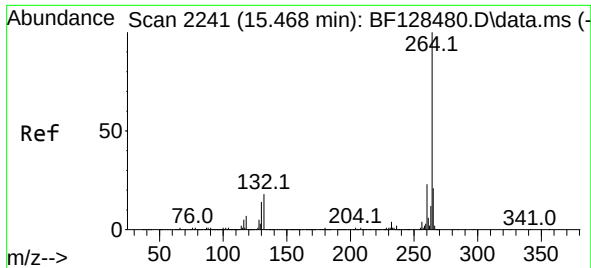
Tgt Ion:240 Resp: 291976
Ion Ratio Lower Upper
240 100
120 8.3 8.9 13.3#
236 24.9 20.8 31.2



#79
Terphenyl-d14
Concen: 54.814 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128578.D
Acq: 29 May 2022 18:31

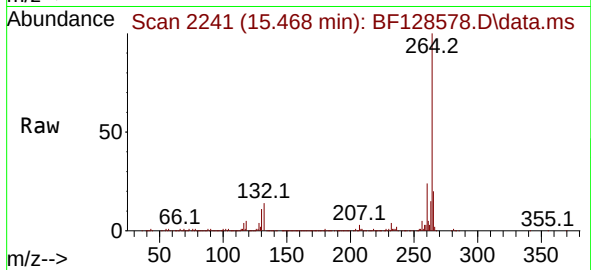
Tgt Ion:244 Resp: 828402
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 9.7 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF128578.D
 Acq: 29 May 2022 18:31

Instrument :
 BNA_F
 ClientSampleId :
 P035-SS001-2430-01



Tgt Ion:264 Resp: 274160
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 19.8 17.2 25.8

