

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128568.D
 Acq On : 29 May 2022 13:35
 Operator : CG\JU
 Sample : N2951-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-1824-01

Quant Time: May 30 00:50:41 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)

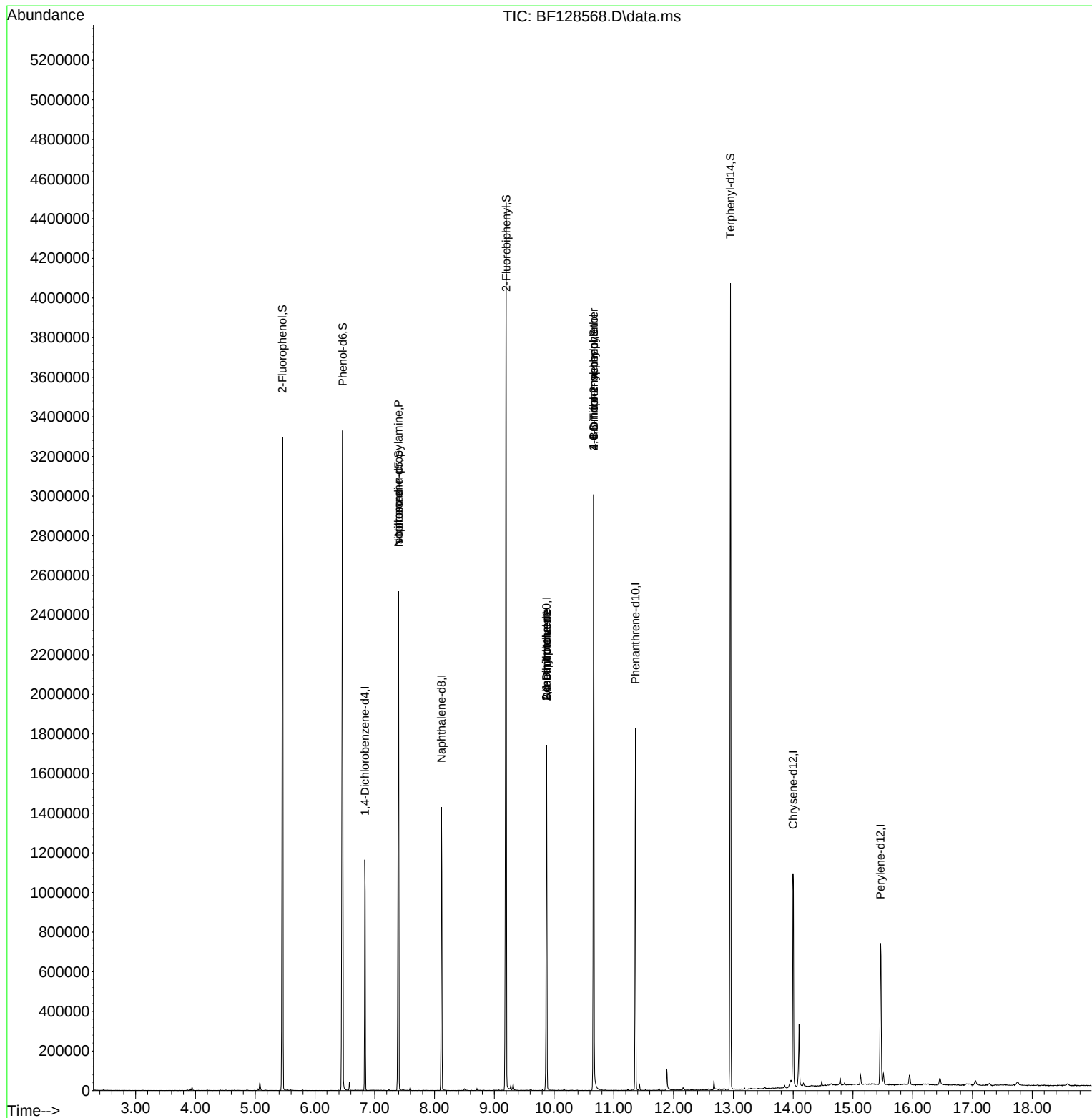
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	158186	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	628783	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	352387	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	629324	20.000	ng	0.00
76) Chrysene-d12	13.998	240	379554	20.000	ng	-0.01
86) Perylene-d12	15.462	264	328233	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	910590	95.350	ng	0.00
7) Phenol-d6	6.463	99	1158387	95.133	ng	0.00
23) Nitrobenzene-d5	7.398	82	801760	73.558	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	351589	104.823	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1490419	68.714	ng	0.00
79) Terphenyl-d14	12.951	244	1381406	70.315	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.392	77	219	Below Cal	#	46
19) n-Nitroso-di-n-propyla...	7.398	70	110563	14.809	ng	# 78
25) Isophorone	7.398	82	799528	39.763	ng	# 65
50) Dimethylphthalate	9.875	163	61230	2.679	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	44814	10.697	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	44814	8.942	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.663	198	848	5.760	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	22810	3.508	ng	# 1

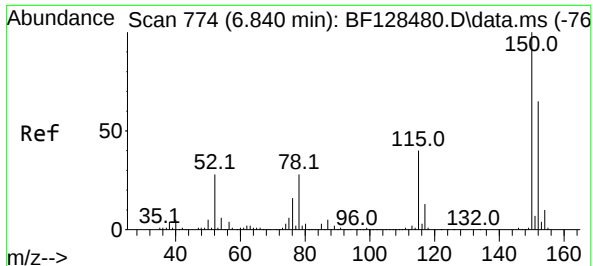
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
Data File : BF128568.D
Acq On : 29 May 2022 13:35
Operator : CG\JU
Sample : N2951-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P036-SS001-1824-01

Quant Time: May 30 00:50:41 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

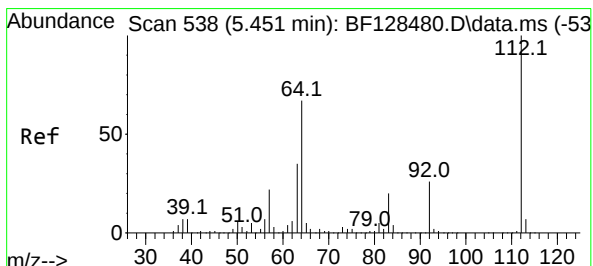
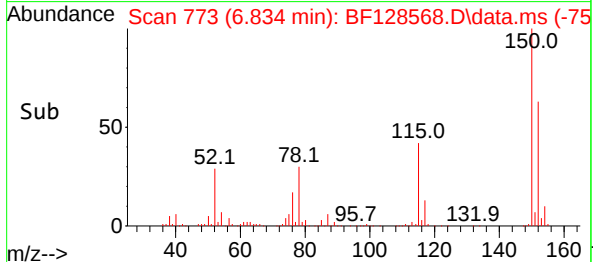
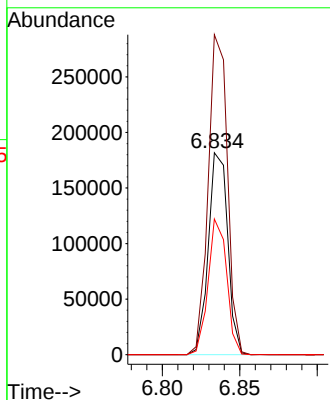
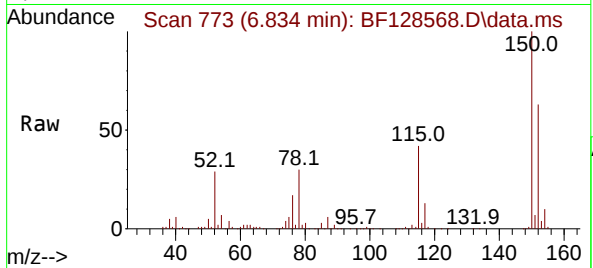




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128568.D
Acq: 29 May 2022 13:35

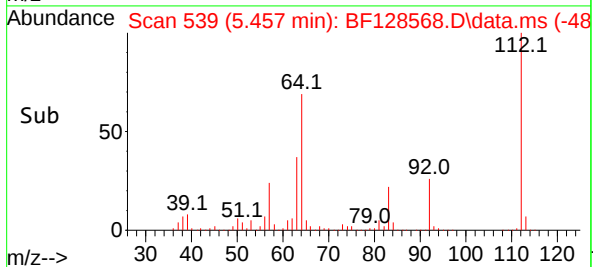
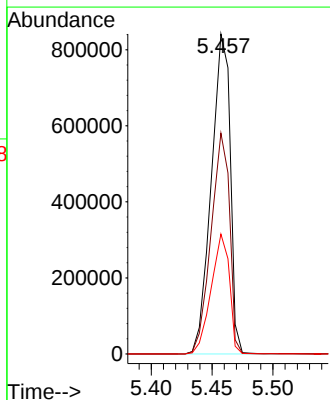
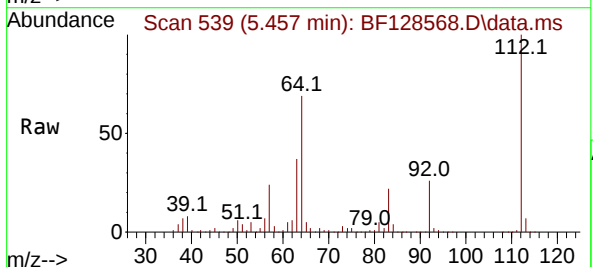
Instrument :
BNA_F
ClientSampleId :
P036-SS001-1824-01

Tgt Ion:152 Resp: 158186
Ion Ratio Lower Upper
152 100
150 158.5 123.7 185.5
115 67.1 49.9 74.9



#5
2-Fluorophenol
Concen: 95.350 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128568.D
Acq: 29 May 2022 13:35

Tgt Ion:112 Resp: 910590
Ion Ratio Lower Upper
112 100
64 69.0 53.3 79.9
63 37.4 28.0 42.0

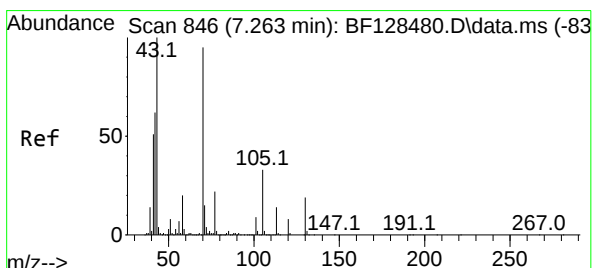
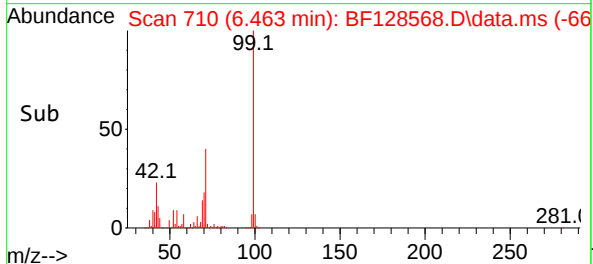
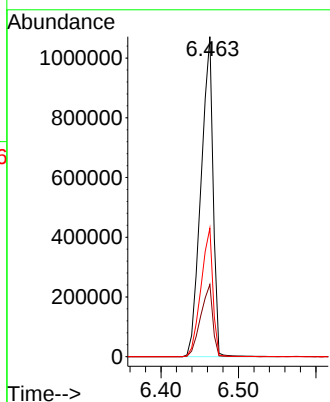
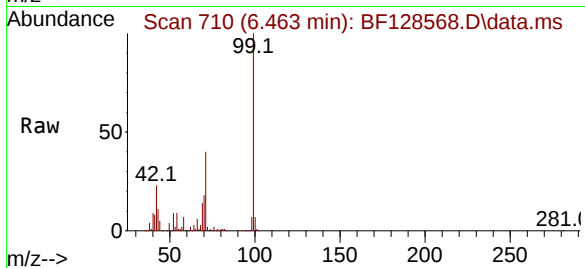




#7
Phenol-d6
Concen: 95.133 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128568.D
Acq: 29 May 2022 13:35

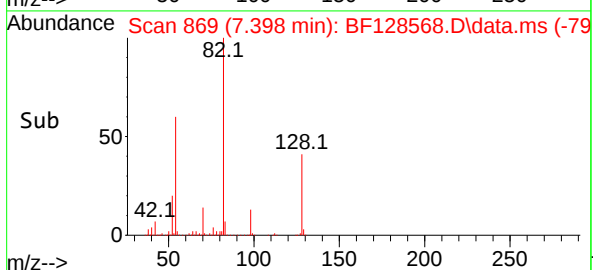
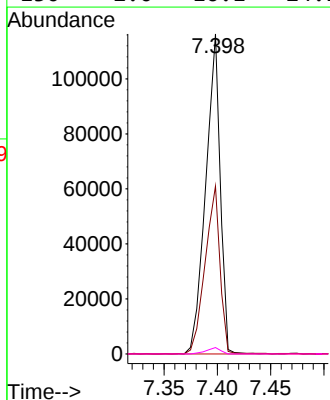
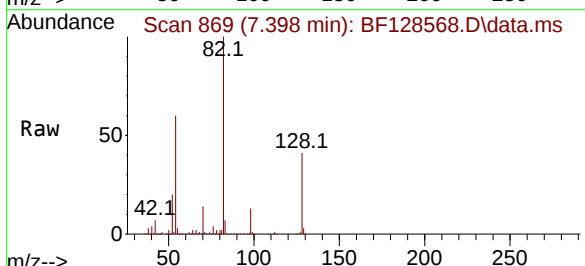
Instrument :
BNA_F
ClientSampleId :
P036-SS001-1824-01

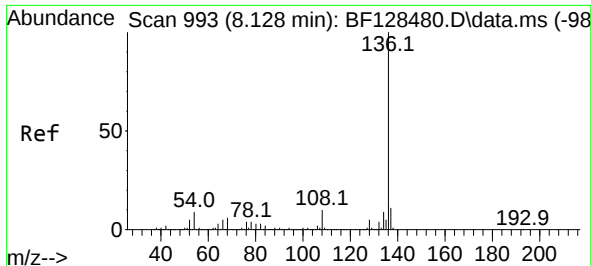
Tgt Ion: 99 Resp: 1158387
Ion Ratio Lower Upper
99 100
42 22.6 17.3 25.9
71 40.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.809 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128568.D
Acq: 29 May 2022 13:35

Tgt Ion: 70 Resp: 110563
Ion Ratio Lower Upper
70 100
42 52.5 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



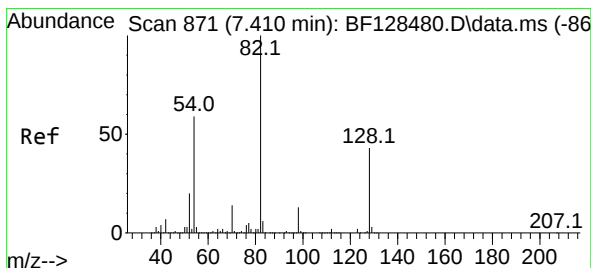
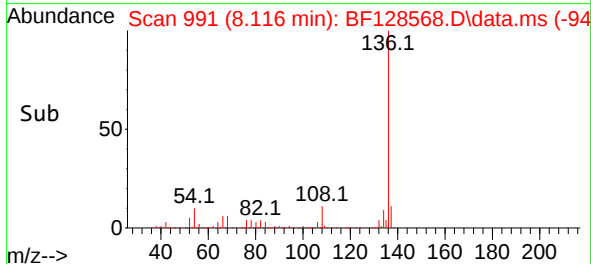
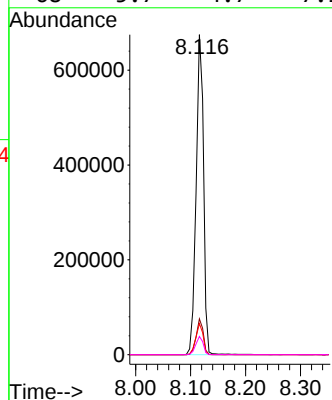
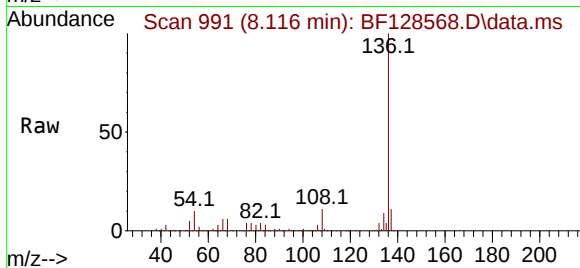


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128568.D
Acq: 29 May 2022 13:35

Instrument :
BNA_F
ClientSampleId :
P036-SS001-1824-01

Tgt Ion:136 Resp: 628783

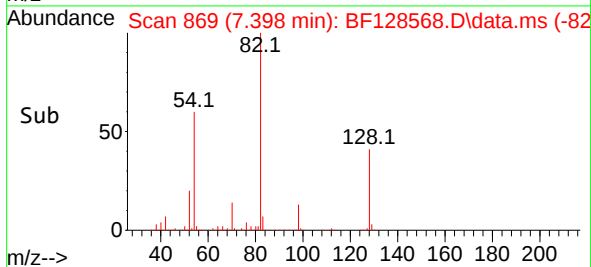
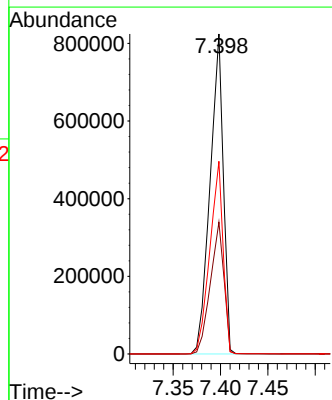
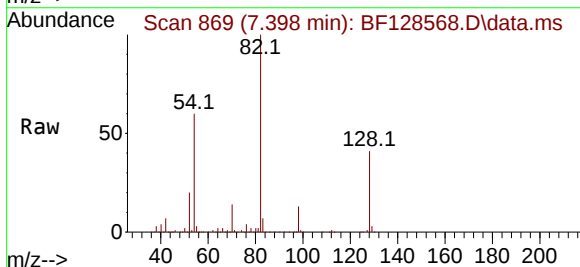
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.7	7.5	11.3
68	5.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 73.558 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128568.D
Acq: 29 May 2022 13:35

Tgt Ion: 82 Resp: 801760

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.0	51.0
54	60.2	46.9	70.3

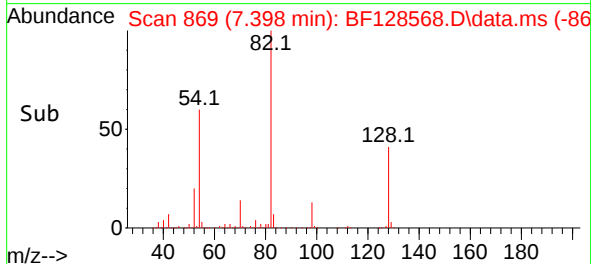
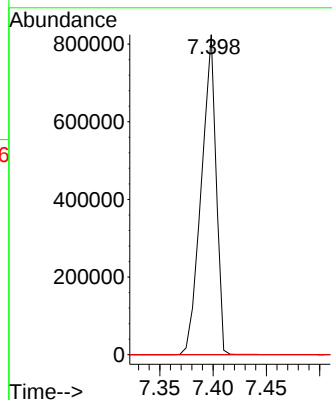
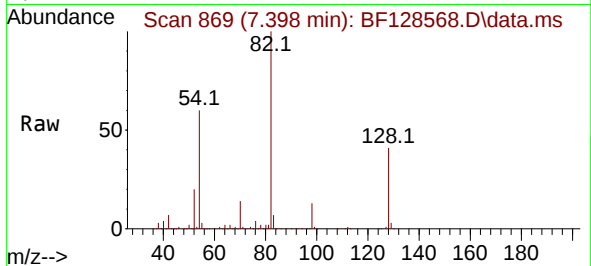




#25
Isophorone
Concen: 39.763 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128568.D
Acq: 29 May 2022 13:35

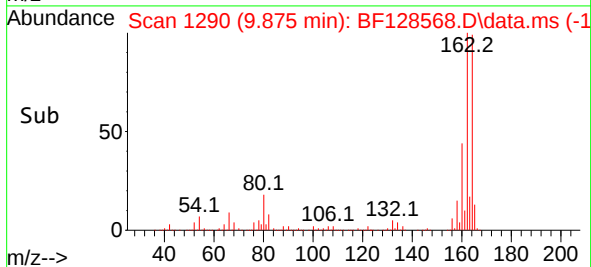
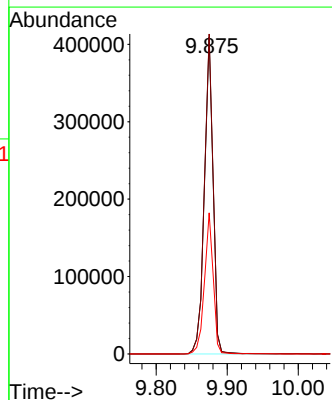
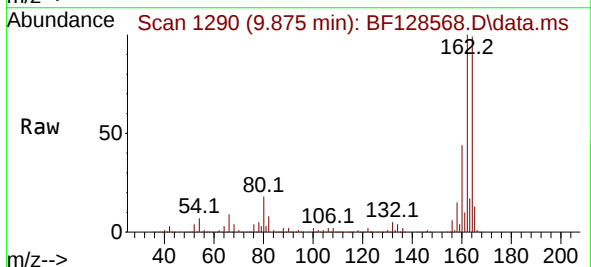
Instrument :
BNA_F
ClientSampleId :
P036-SS001-1824-01

Tgt Ion: 82 Resp: 799528
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: BF128568.D
Acq: 29 May 2022 13:35

Tgt Ion: 164 Resp: 352387
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 104.823 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128568.D

Acq: 29 May 2022 13:35

Instrument :

BNA_F

ClientSampleId :

P036-SS001-1824-01

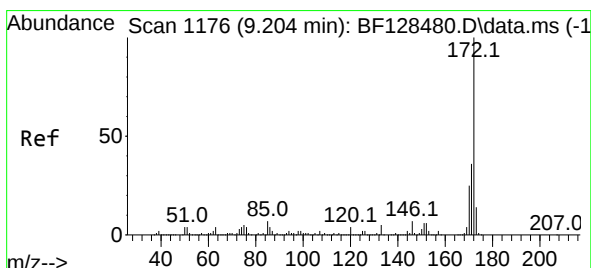
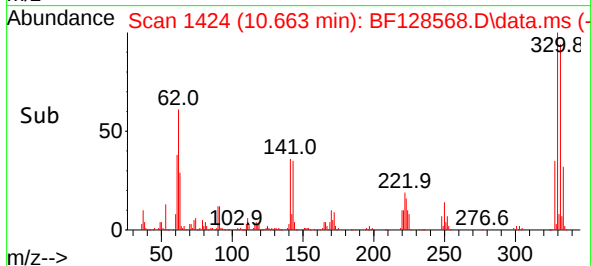
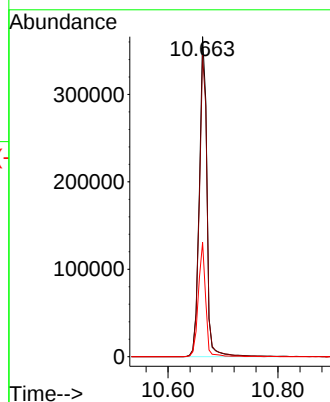
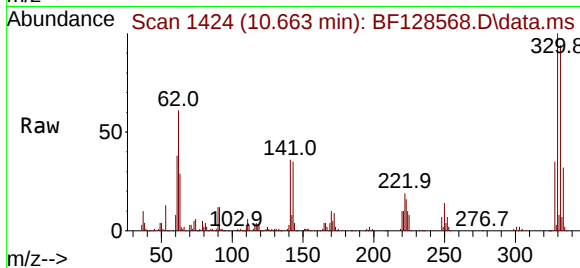
Tgt Ion:330 Resp: 351589

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 34.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 68.714 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128568.D

Acq: 29 May 2022 13:35

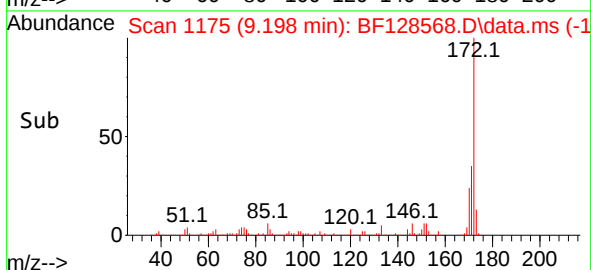
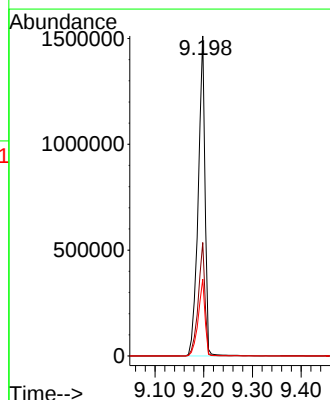
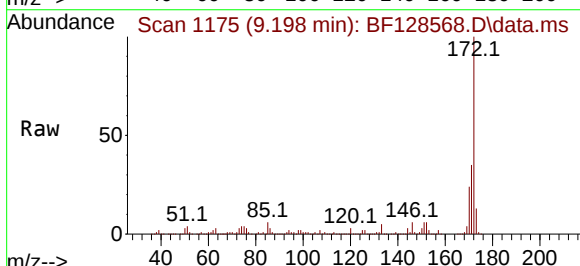
Tgt Ion:172 Resp: 1490419

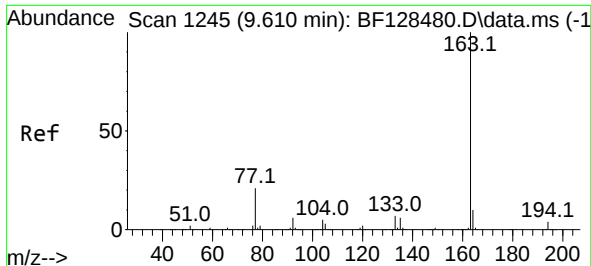
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.0 19.8 29.8

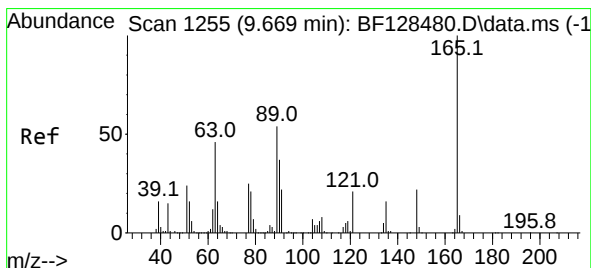
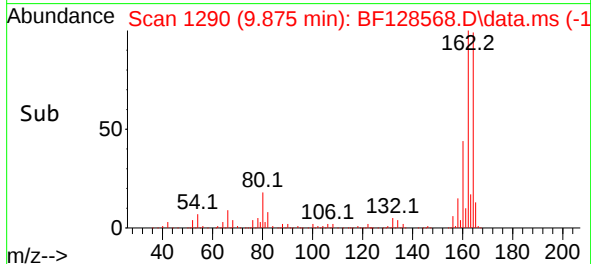
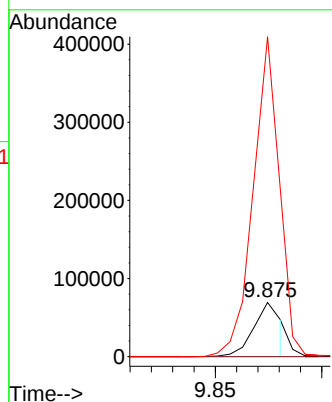
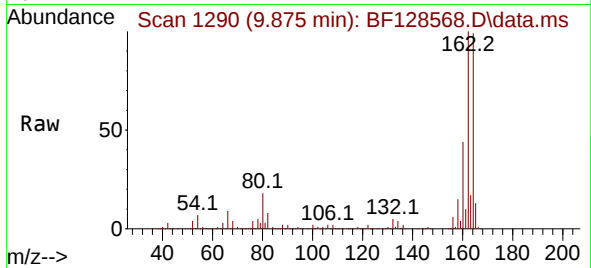




#50
Dimethylphthalate
Concen: 2.679 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128568.D
Acq: 29 May 2022 13:35

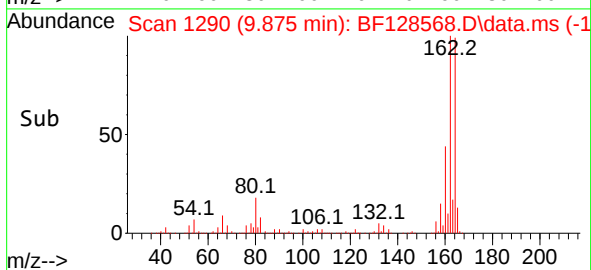
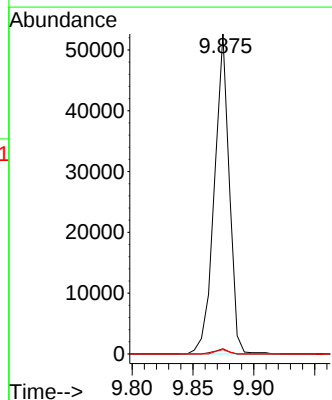
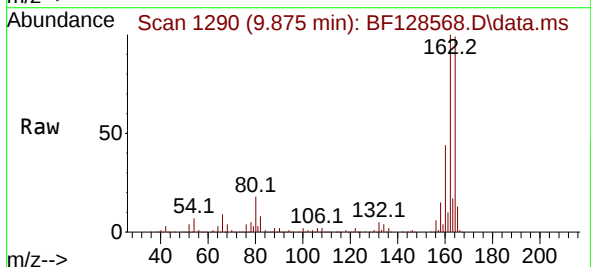
Instrument :
BNA_F
ClientSampleId :
P036-SS001-1824-01

Tgt Ion:163 Resp: 61230
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 589.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.697 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128568.D
Acq: 29 May 2022 13:35

Tgt Ion:165 Resp: 44814
Ion Ratio Lower Upper
165 100
63 1.7 44.9 67.3#
89 1.4 43.6 65.4#

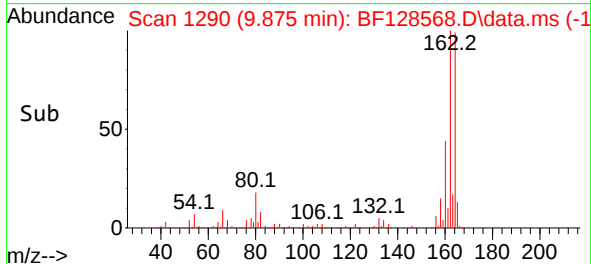
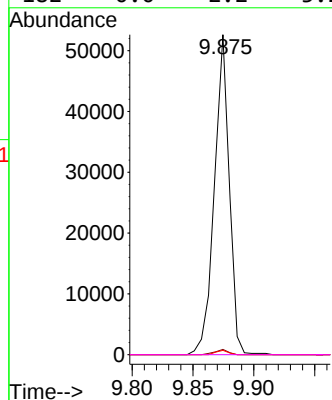
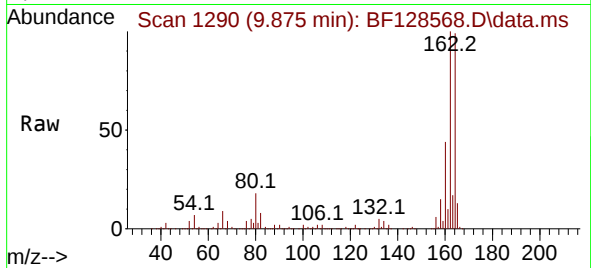




#57
2,4-Dinitrotoluene
Concen: 8.942 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128568.D
Acq: 29 May 2022 13:35

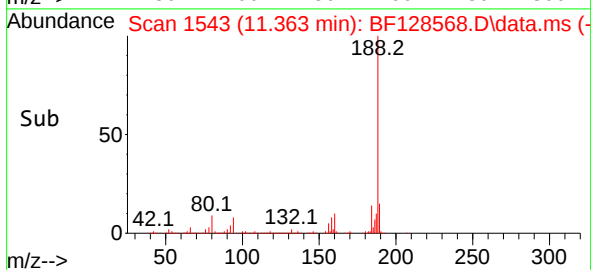
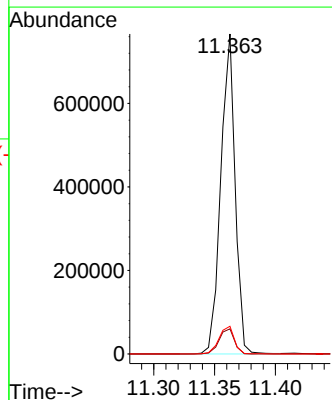
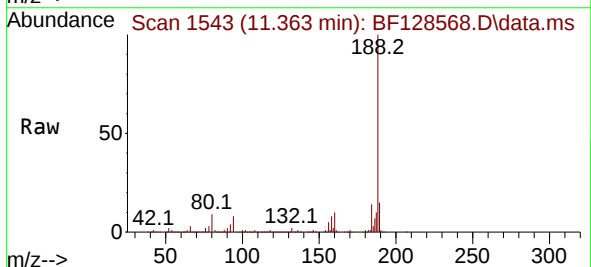
Instrument :
BNA_F
ClientSampleId :
P036-SS001-1824-01

Tgt Ion:165 Resp: 44814
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.4 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: BF128568.D
Acq: 29 May 2022 13:35

Tgt Ion:188 Resp: 629324
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.7 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.760 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128568.D

Acq: 29 May 2022 13:35

Instrument :

BNA_F

ClientSampleId :

P036-SS001-1824-01

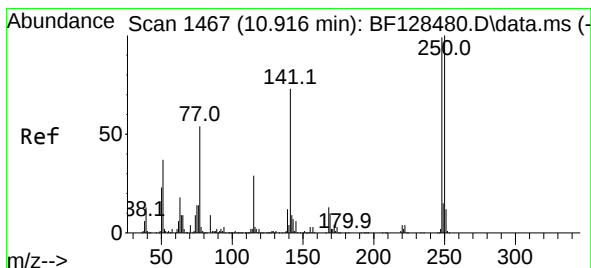
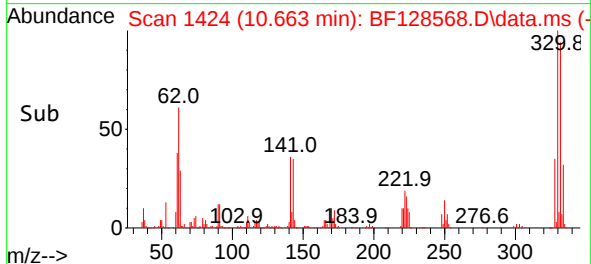
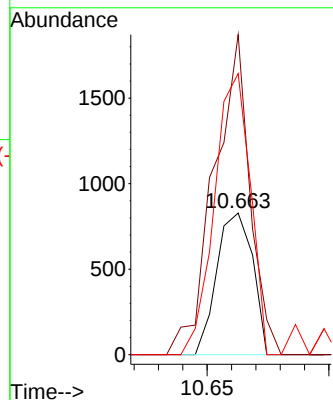
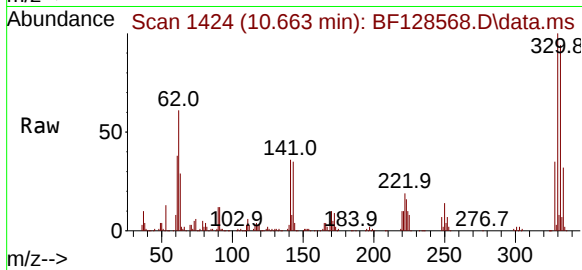
Tgt Ion:198 Resp: 848

Ion Ratio Lower Upper

198 100

51 226.0 37.6 77.6#

105 198.6 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 3.508 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128568.D

Acq: 29 May 2022 13:35

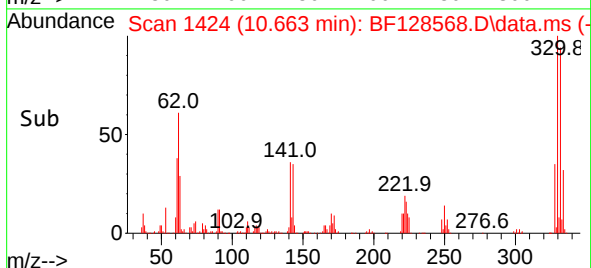
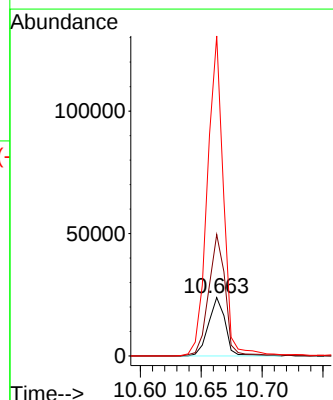
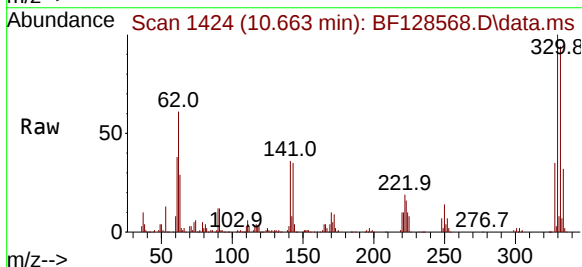
Tgt Ion:248 Resp: 22810

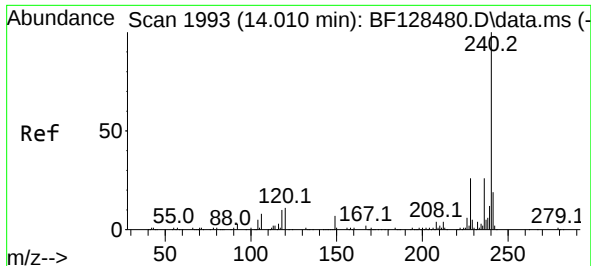
Ion Ratio Lower Upper

248 100

250 207.9 80.6 120.8#

141 547.8 58.9 88.3#

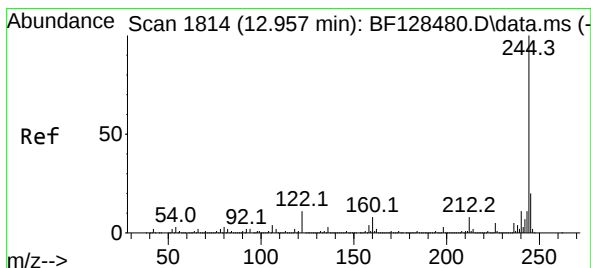
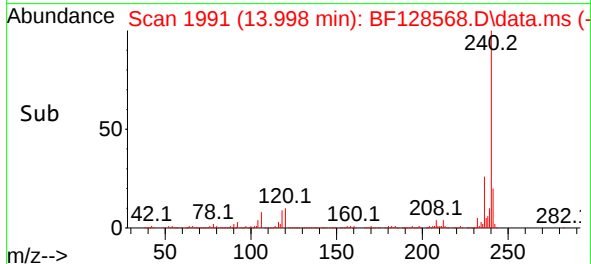
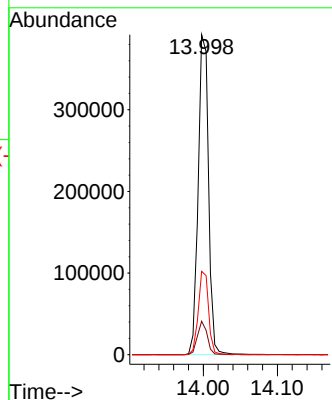
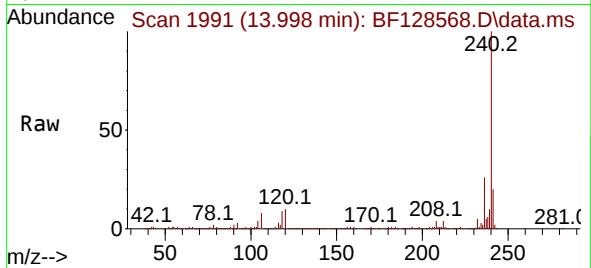




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128568.D
Acq: 29 May 2022 13:35

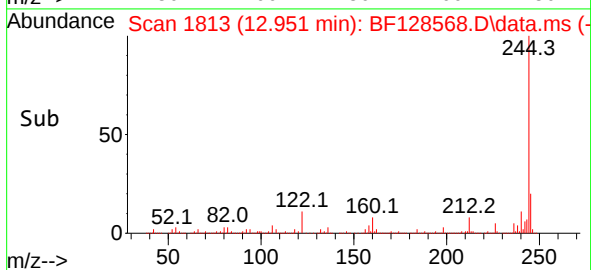
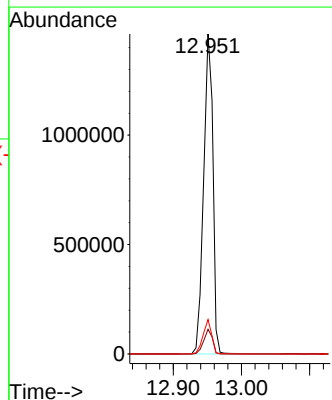
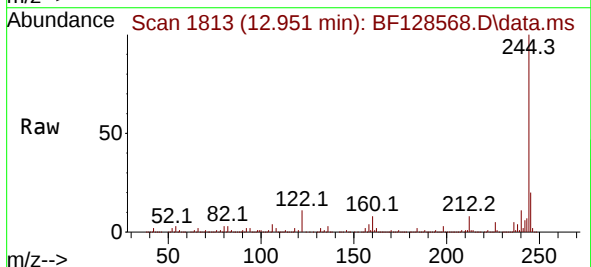
Instrument :
BNA_F
ClientSampleId :
P036-SS001-1824-01

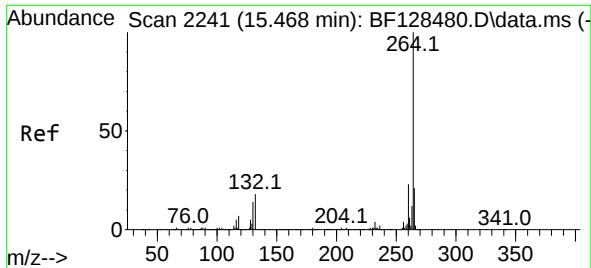
Tgt Ion:240 Resp: 379554
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 70.315 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128568.D
Acq: 29 May 2022 13:35

Tgt Ion:244 Resp: 1381406
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 10.8 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128568.D

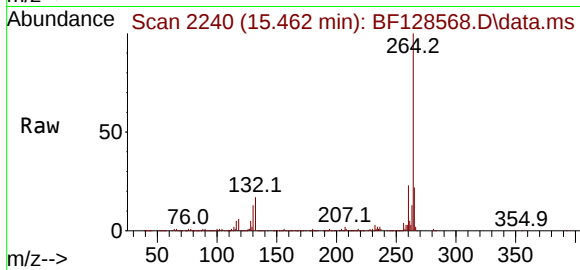
Acq: 29 May 2022 13:35

Instrument :

BNA_F

ClientSampleId :

P036-SS001-1824-01



Tgt Ion:264 Resp: 328233

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.9 17.2 25.8

