

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128501.D
 Acq On : 27 May 2022 10:40
 Operator : CG\JU
 Sample : N2927-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS003-1824-01

Quant Time: May 27 23:17:30 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)

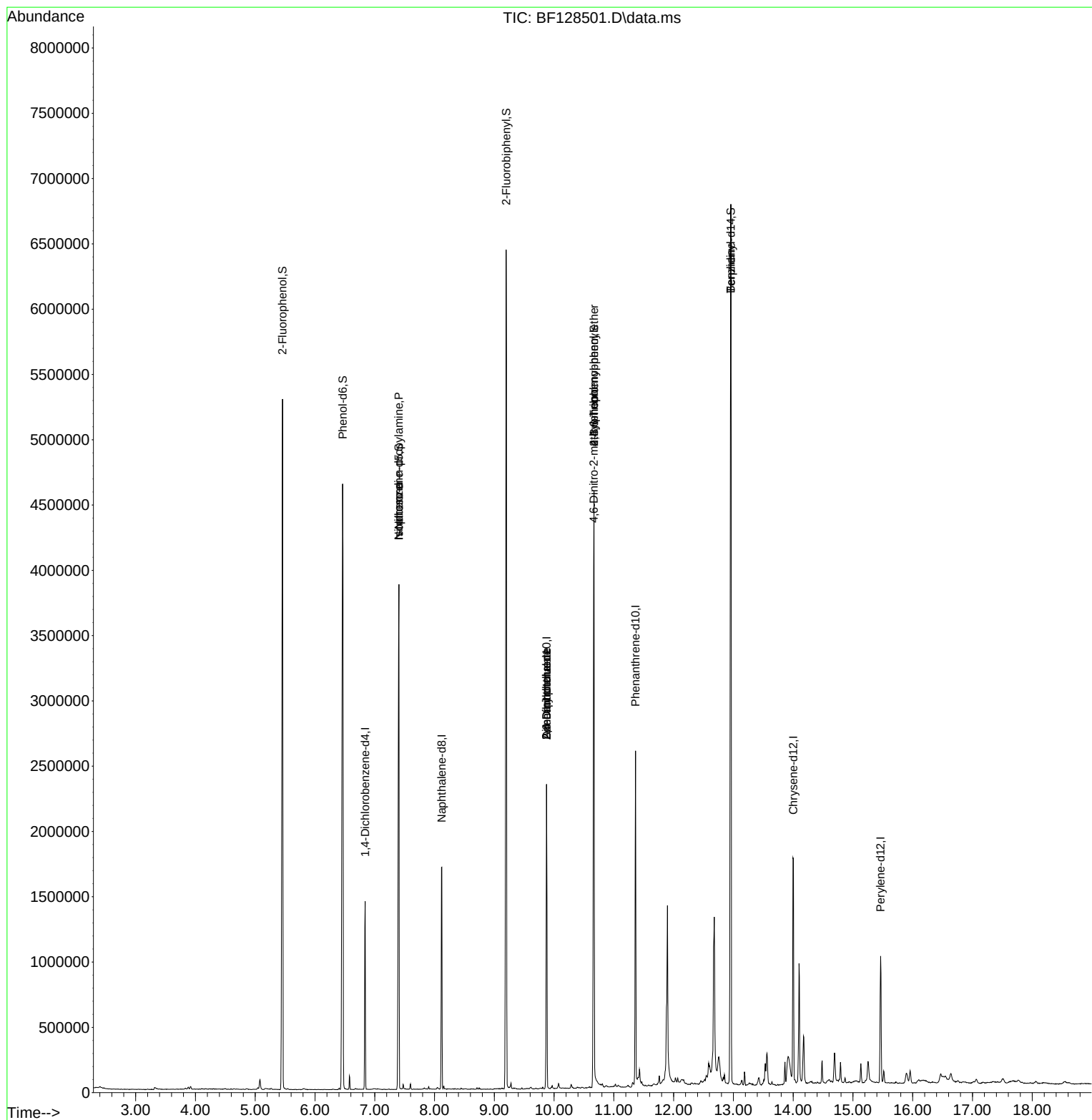
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	200588	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	795045	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	464361	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	898616	20.000	ng	0.00
76) Chrysene-d12	14.004	240	634407	20.000	ng	0.00
86) Perylene-d12	15.462	264	434315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1573388	129.926	ng	0.00
7) Phenol-d6	6.463	99	2057070	133.226	ng	0.00
23) Nitrobenzene-d5	7.404	82	1367515	99.226	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	629931	142.521	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2349220	82.191	ng	0.00
79) Terphenyl-d14	12.957	244	2716628	82.729	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	275	Below Cal	#	27
19) n-Nitroso-di-n-propyla...	7.404	70	187039	19.757	ng	# 78
25) Isophorone	7.404	82	1361078	53.536	ng	# 65
50) Dimethylphthalate	9.875	163	81146	2.694	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	60439	10.948	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	60439	9.151	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1473	5.816	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	40399	4.351	ng	# 1
77) Benzidine	12.957	184	38807	2.652	ng	# 91

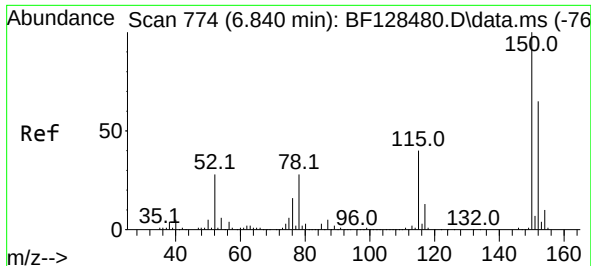
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128501.D
Acq On : 27 May 2022 10:40
Operator : CG\JU
Sample : N2927-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P010-SS003-1824-01

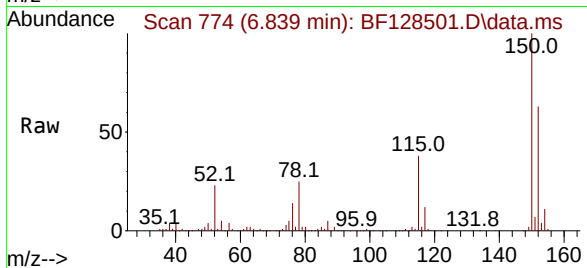
Quant Time: May 27 23:17:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration



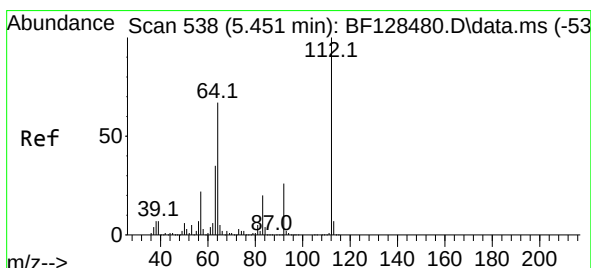
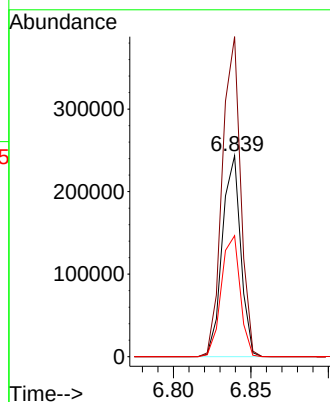
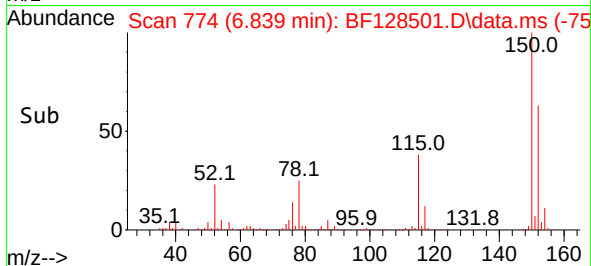


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

Instrument :
BNA_F
ClientSampleId :
P010-SS003-1824-01

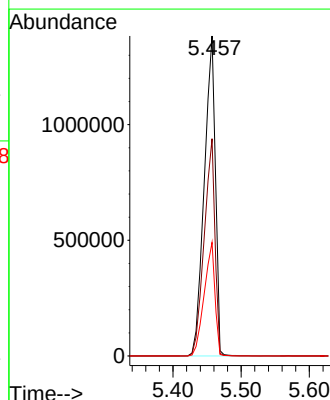
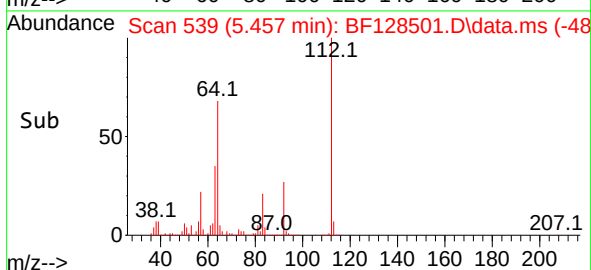
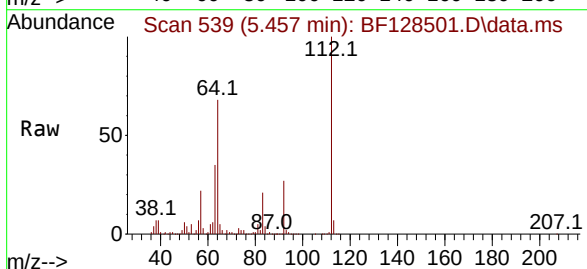


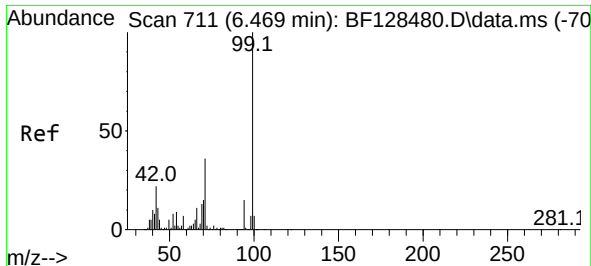
Tgt Ion:152 Resp: 200588
Ion Ratio Lower Upper
152 100
150 159.2 123.7 185.5
115 60.2 49.9 74.9



#5
2-Fluorophenol
Concen: 129.926 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

Tgt Ion:112 Resp: 1573388
Ion Ratio Lower Upper
112 100
64 67.9 53.3 79.9
63 35.5 28.0 42.0

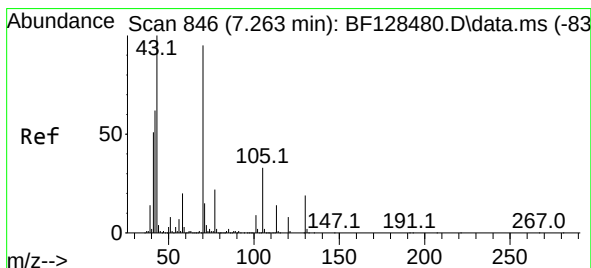
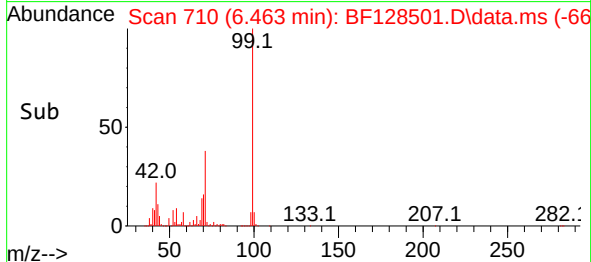
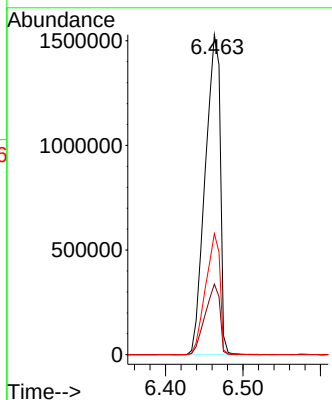
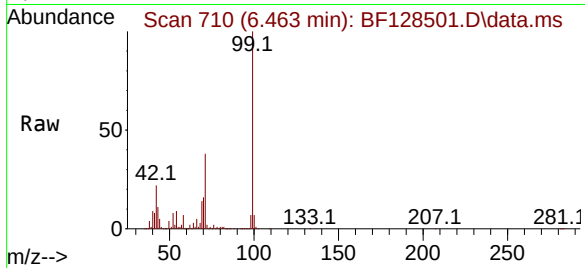




#7
Phenol-d6
Concen: 133.226 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

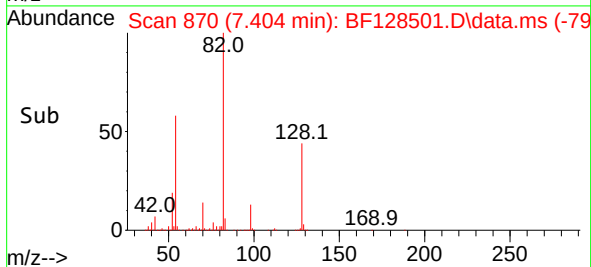
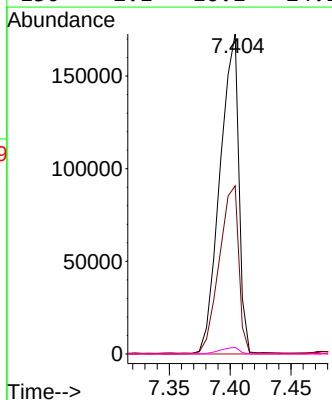
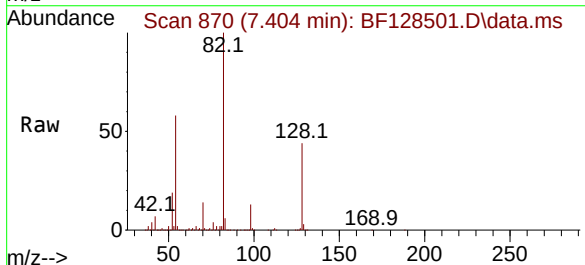
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1824-01

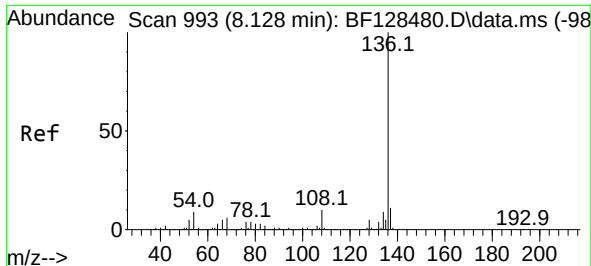
Tgt Ion: 99 Resp: 2057070
Ion Ratio Lower Upper
99 100
42 22.1 17.3 25.9
71 37.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.757 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

Tgt Ion: 70 Resp: 187039
Ion Ratio Lower Upper
70 100
42 52.5 52.3 78.5
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

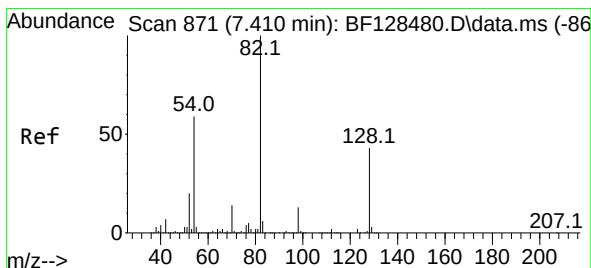
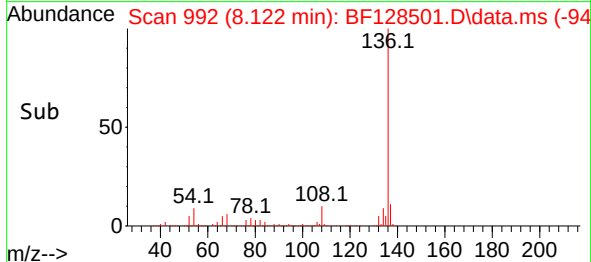
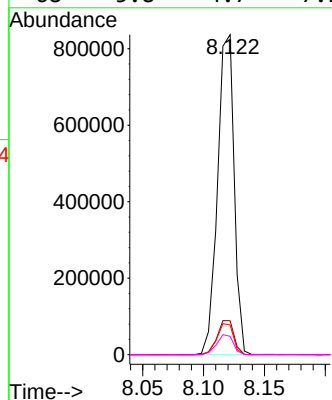
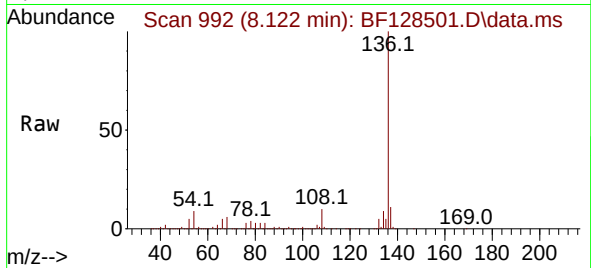




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

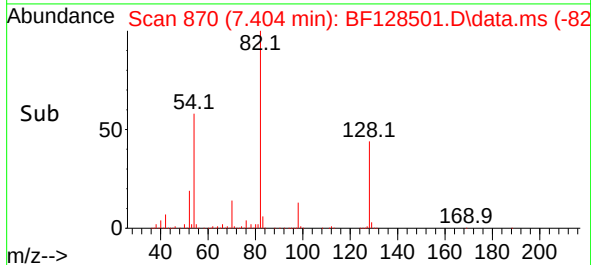
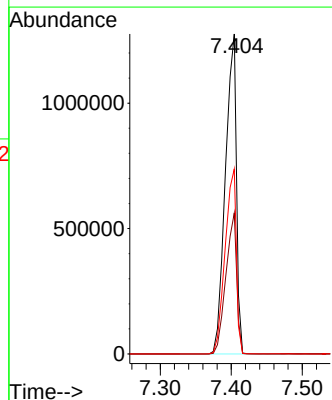
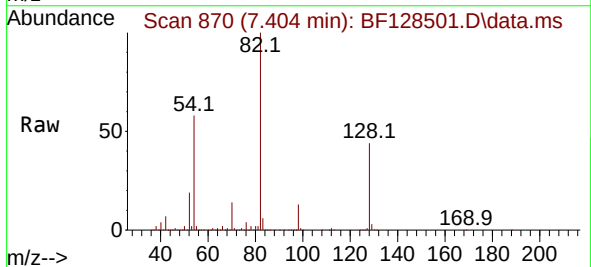
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1824-01

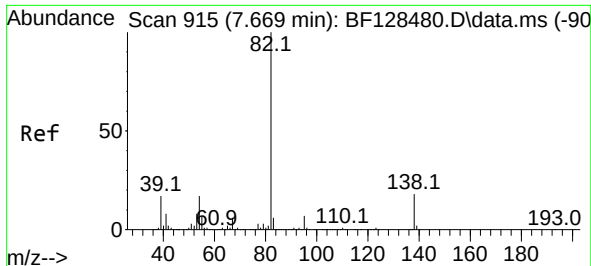
Tgt Ion:136 Resp: 795045
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.3 7.5 11.3
68 5.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 99.226 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

Tgt Ion: 82 Resp: 1367515
Ion Ratio Lower Upper
82 100
128 44.1 34.0 51.0
54 57.8 46.9 70.3

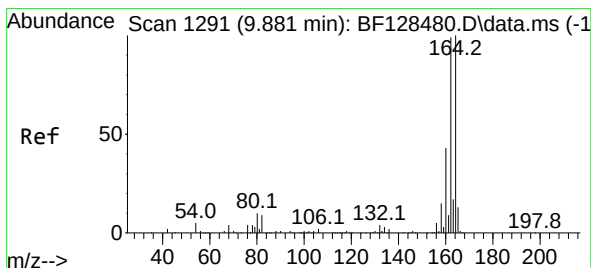
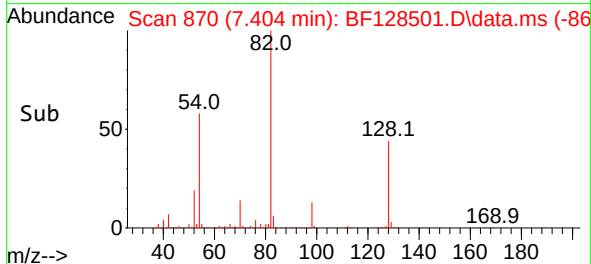
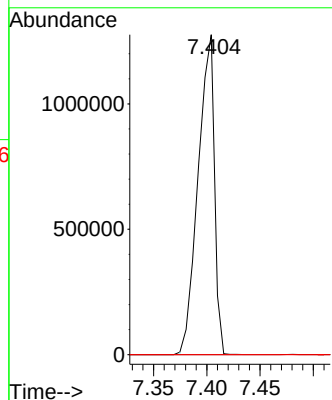
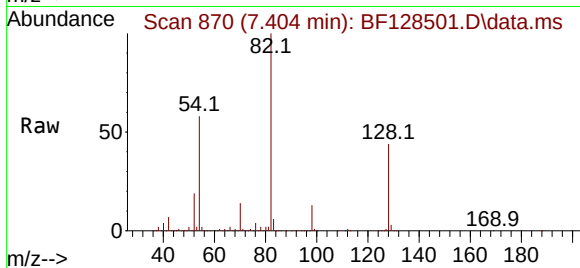




#25
Isophorone
Concen: 53.536 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

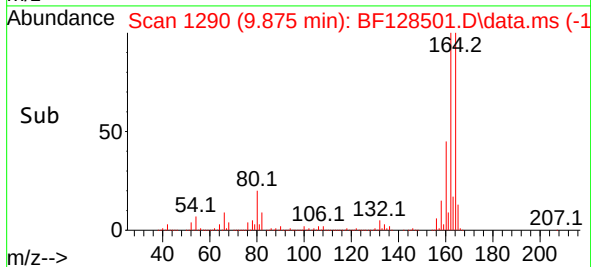
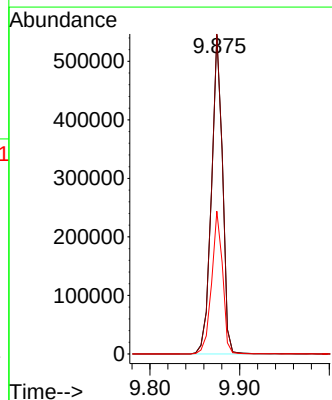
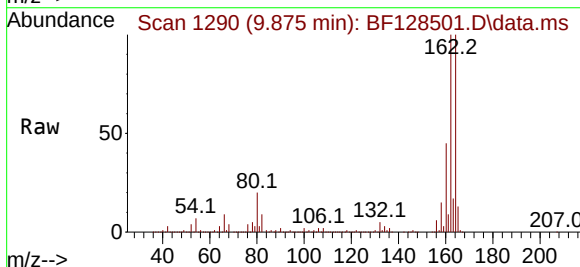
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1824-01

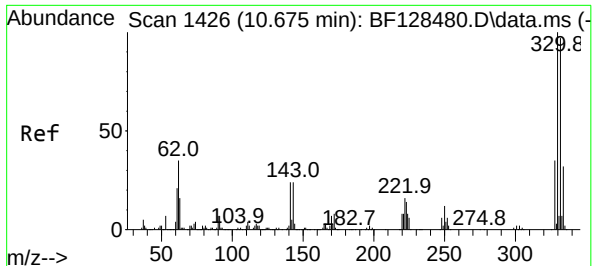
Tgt Ion: 82 Resp: 1361078
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

Tgt Ion:164 Resp: 464361
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 142.521 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF128501.D

Acq: 27 May 2022 10:40

Instrument :

BNA_F

ClientSampleId :

P010-SS003-1824-01

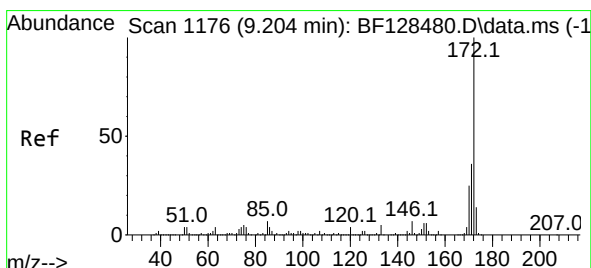
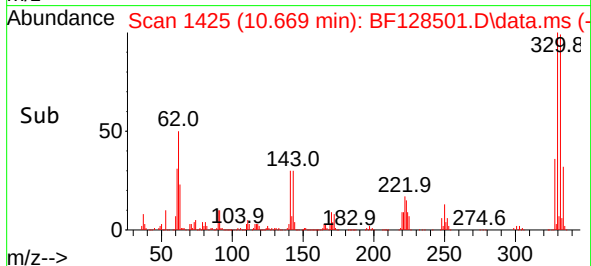
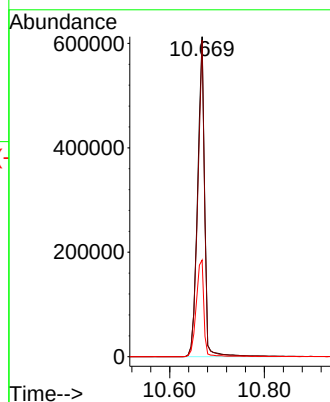
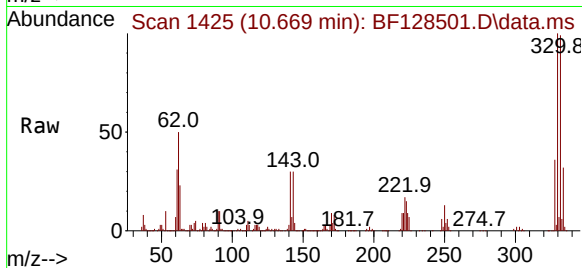
Tgt Ion:330 Resp: 629931

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

141 33.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.191 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128501.D

Acq: 27 May 2022 10:40

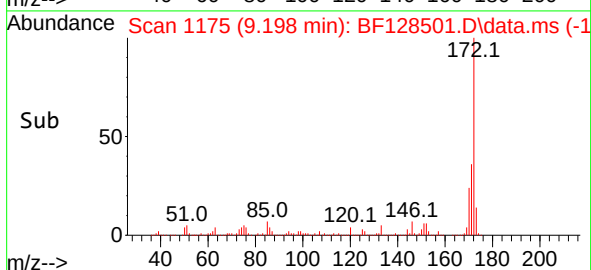
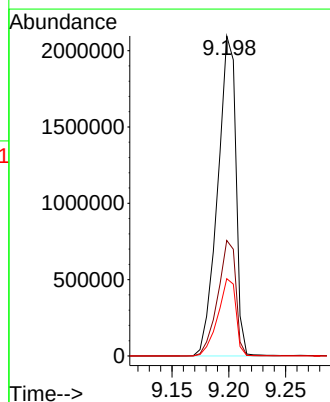
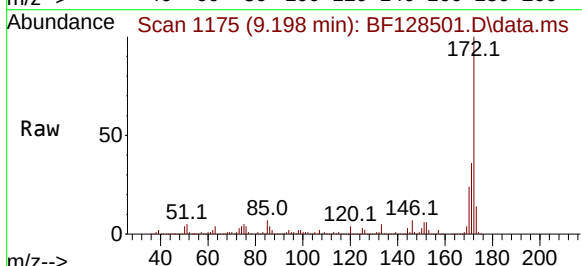
Tgt Ion:172 Resp: 2349220

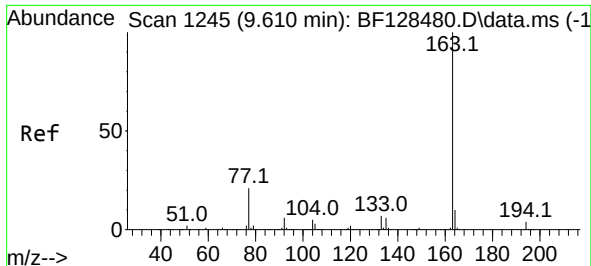
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.2 19.8 29.8

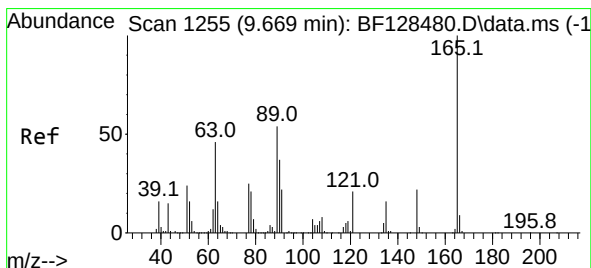
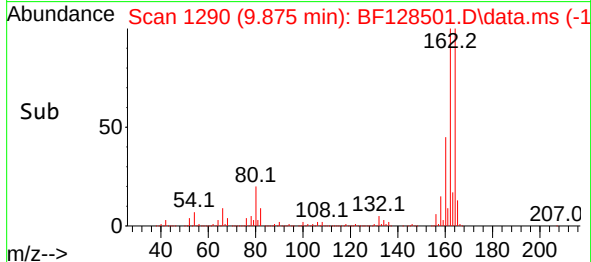
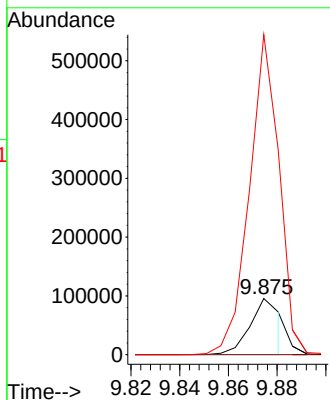
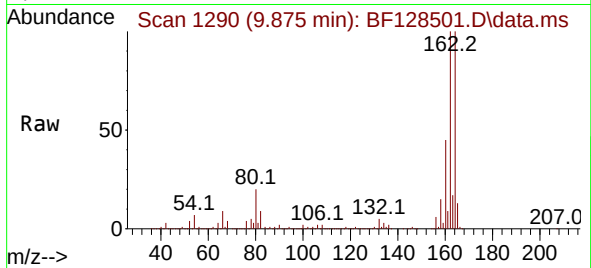




#50
Dimethylphthalate
Concen: 2.694 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

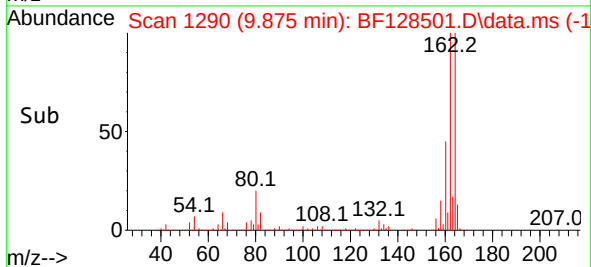
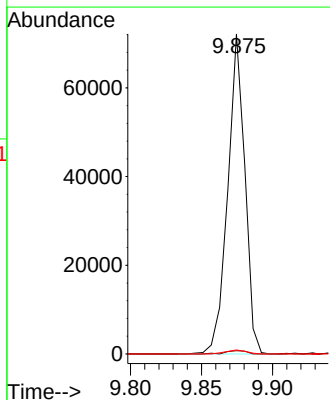
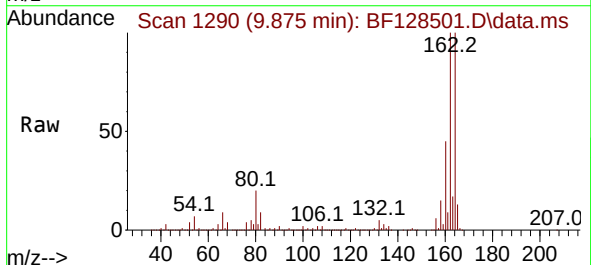
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1824-01

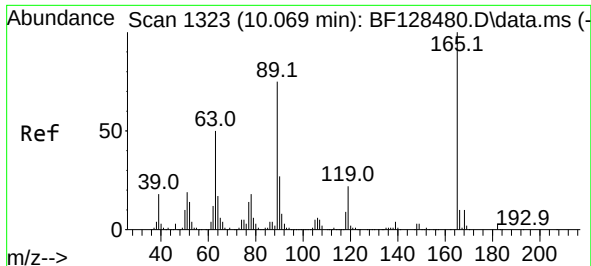
Tgt Ion:163 Resp: 81146
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 569.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.948 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

Tgt Ion:165 Resp: 60439
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.3 43.6 65.4#

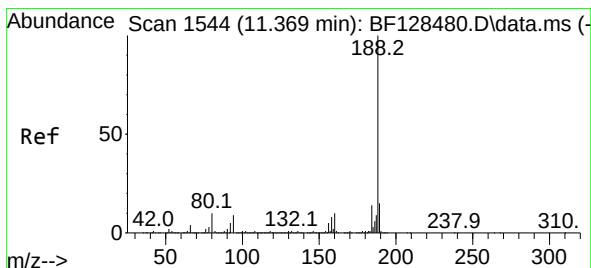
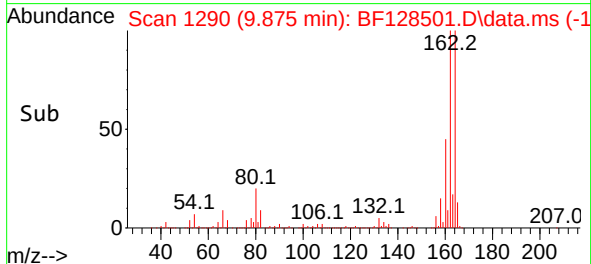
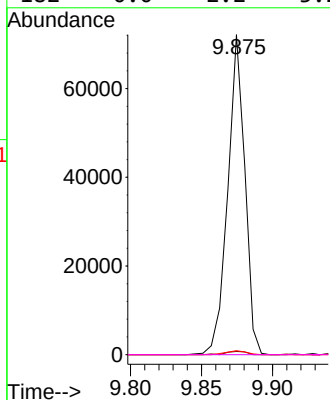
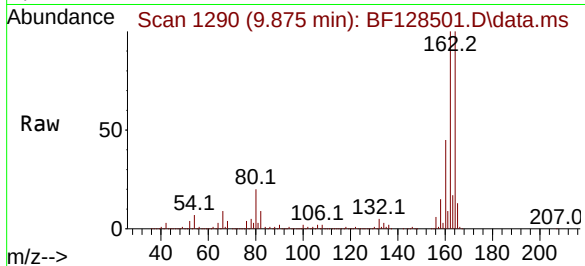




#57
2,4-Dinitrotoluene
Concen: 9.151 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

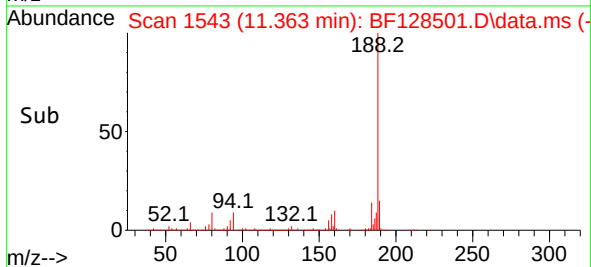
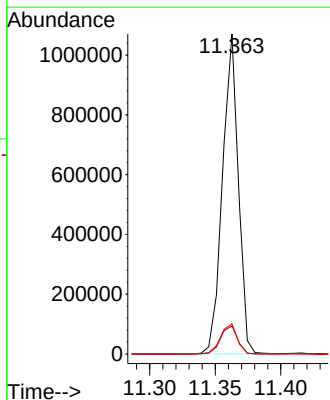
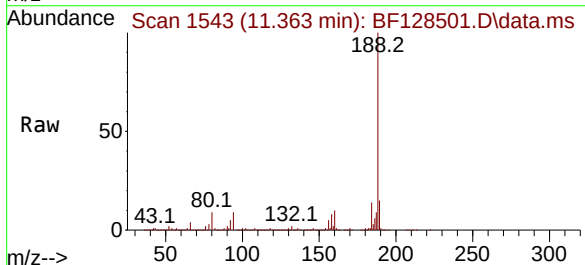
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1824-01

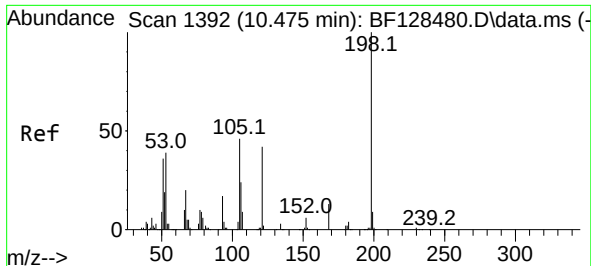
Tgt Ion:165 Resp: 60439
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

Tgt Ion:188 Resp: 898616
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.4 7.6 11.4

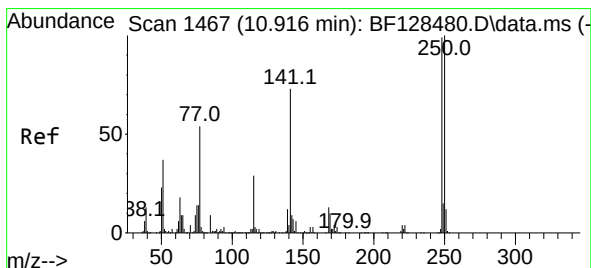
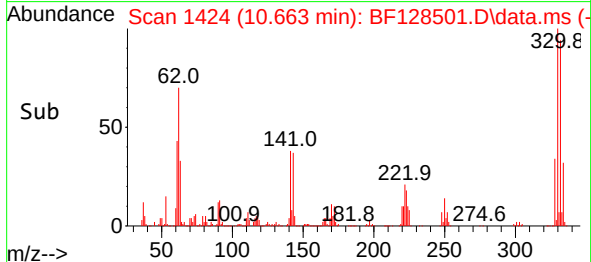
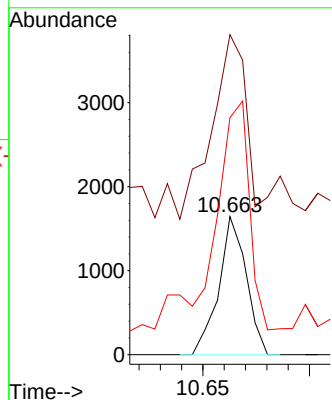
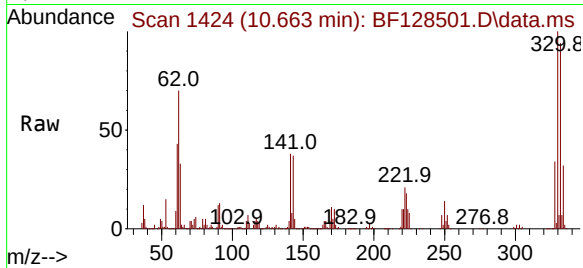




#65
4,6-Dinitro-2-methylphenol
Concen: 5.816 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

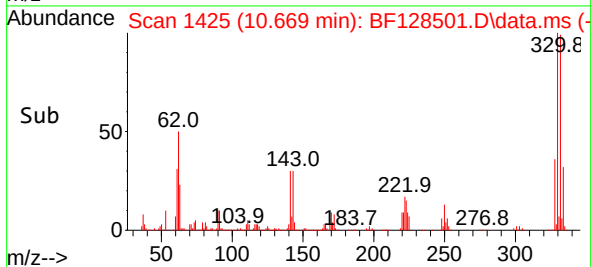
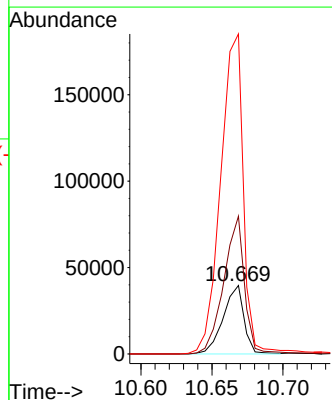
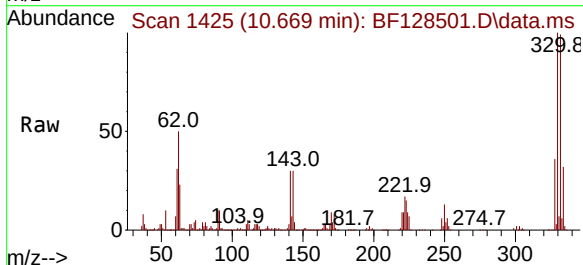
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1824-01

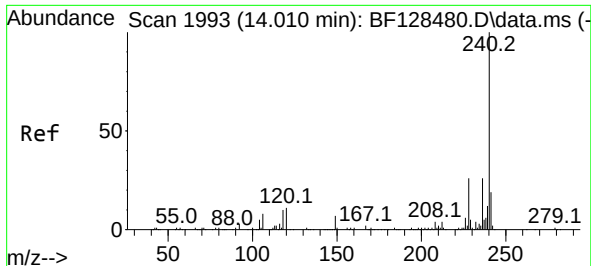
Tgt Ion:198 Resp: 1473
Ion Ratio Lower Upper
198 100
51 231.8 37.6 77.6#
105 171.7 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.351 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

Tgt Ion:248 Resp: 40399
Ion Ratio Lower Upper
248 100
250 200.8 80.6 120.8#
141 466.7 58.9 88.3#

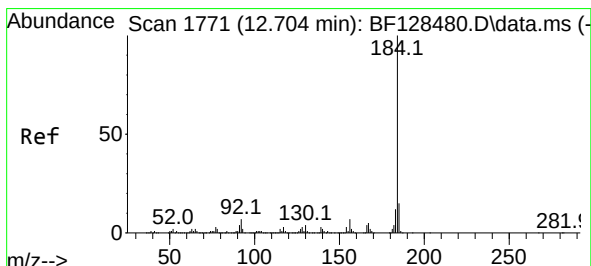
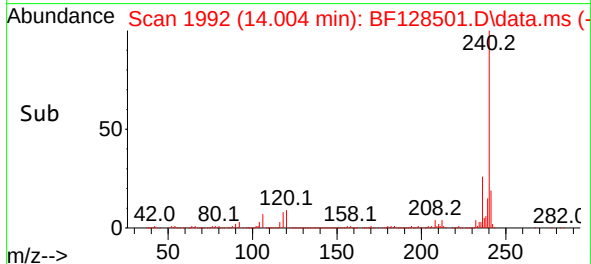
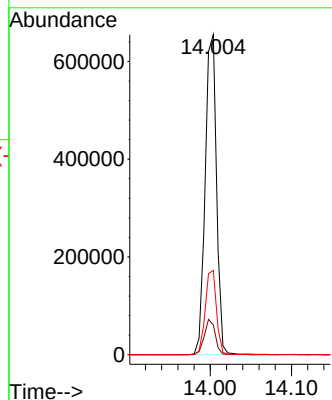
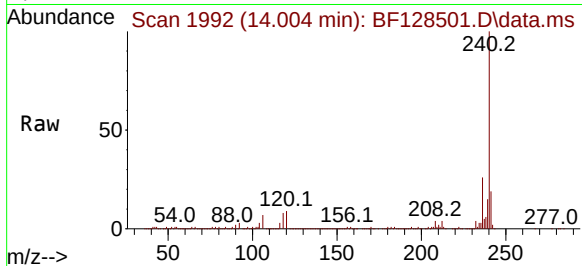




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

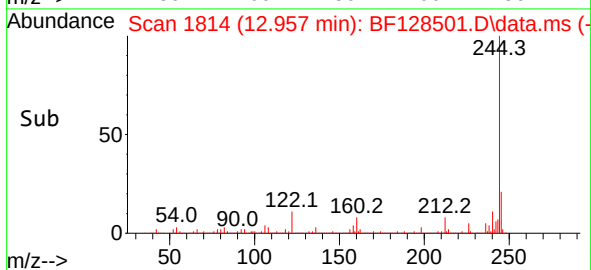
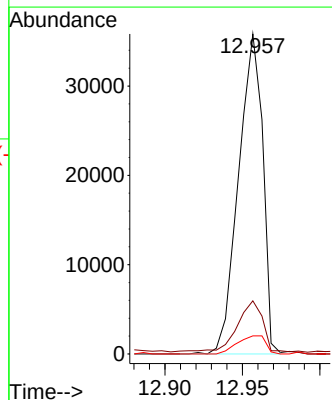
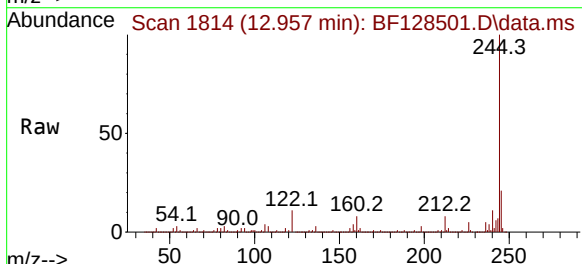
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1824-01

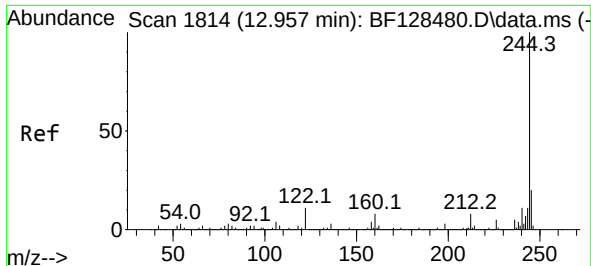
Tgt Ion:240 Resp: 634407
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 26.3 20.8 31.2



#77
Benzidine
Concen: 2.652 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128501.D
Acq: 27 May 2022 10:40

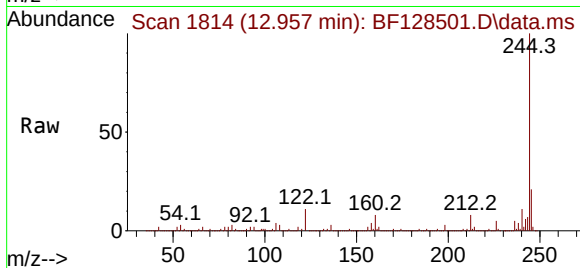
Tgt Ion:184 Resp: 38807
Ion Ratio Lower Upper
184 100
185 16.6 11.9 17.9
183 5.6 9.3 13.9





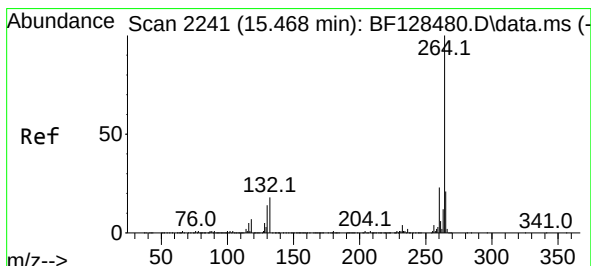
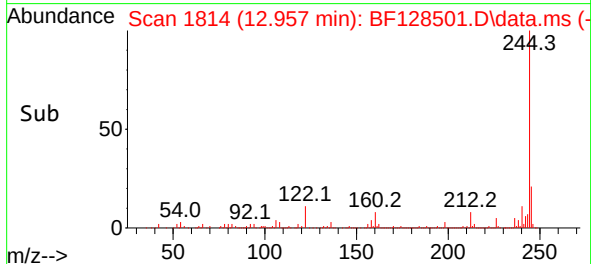
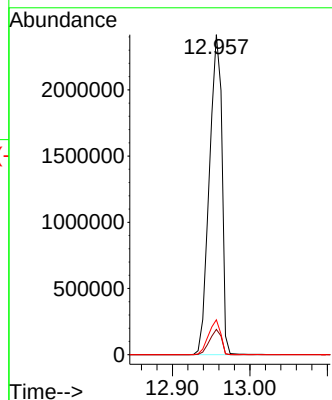
#79
 Terphenyl-d14
 Concen: 82.729 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128501.D
 Acq: 27 May 2022 10:40

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS003-1824-01



Tgt Ion:244 Resp: 2716628

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	10.9	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128501.D
 Acq: 27 May 2022 10:40

Tgt Ion:264 Resp: 434315

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	22.0	17.2	25.8

