

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128512.D
 Acq On : 27 May 2022 16:12
 Operator : CG\JU
 Sample : N2922-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS001-1218-01

Quant Time: May 27 23:18:41 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)

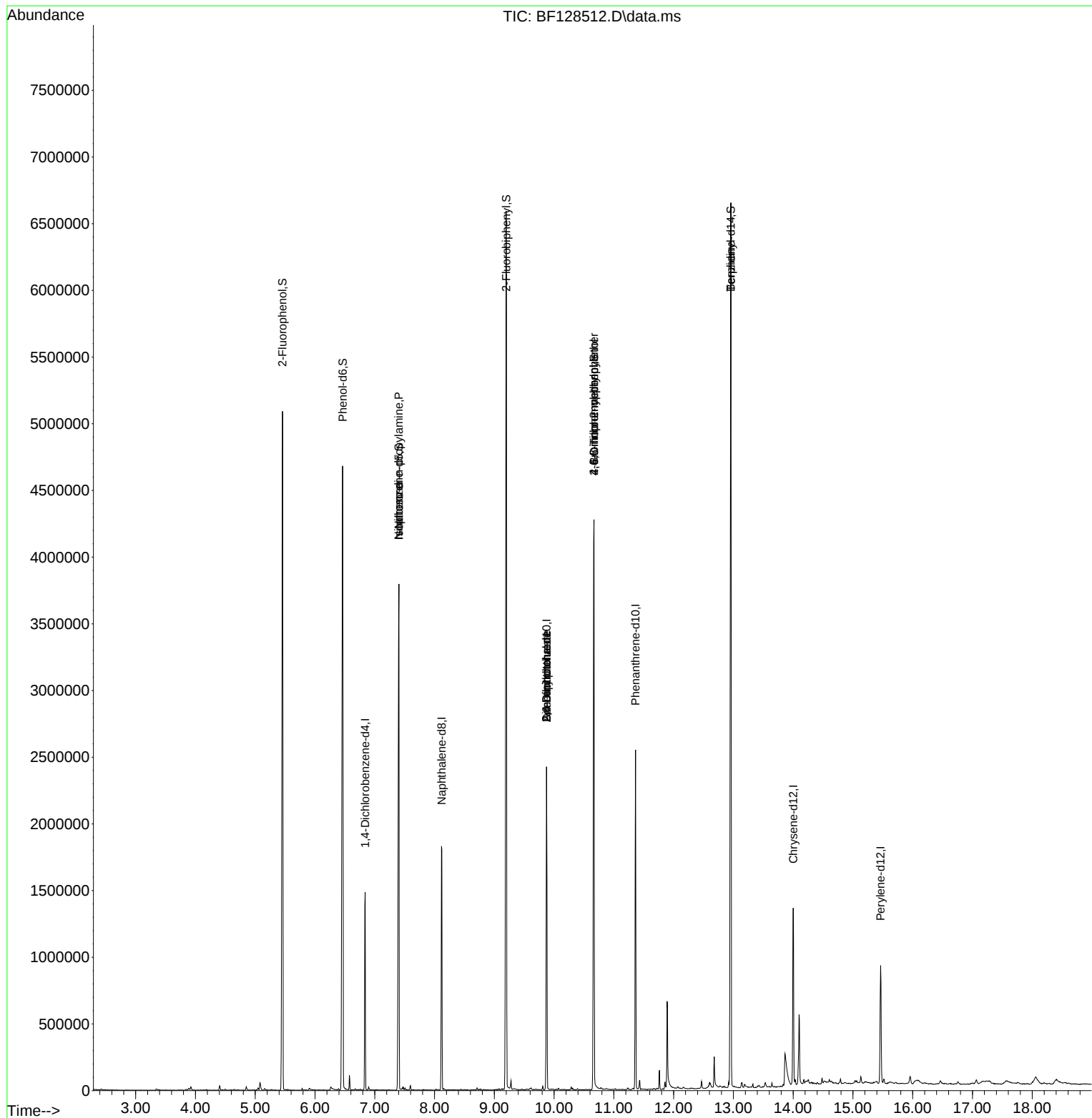
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	212274	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	844169	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	482699	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	881268	20.000	ng	0.00
76) Chrysene-d12	14.004	240	482119	20.000	ng	0.00
86) Perylene-d12	15.462	264	392261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1533225	119.640	ng	0.00
7) Phenol-d6	6.463	99	1980702	121.218	ng	0.00
23) Nitrobenzene-d5	7.404	82	1319424	90.166	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	572213	124.544	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2428122	81.725	ng	0.00
79) Terphenyl-d14	12.957	244	2472478	99.078	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.386	77	159	Below Cal		90
19) n-Nitroso-di-n-propyla...	7.404	70	180422	18.009 ng	#	78
25) Isophorone	7.404	82	1313807	48.669 ng	#	65
50) Dimethylphthalate	9.874	163	85252	2.723 ng	#	1
51) 2,6-Dinitrotoluene	9.874	165	61341	10.690 ng	#	25
57) 2,4-Dinitrotoluene	9.874	165	61341	8.935 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.669	198	1421	5.811 ng	#	1
67) 4-Bromophenyl-phenylether	10.669	248	37918	4.164 ng	#	1
77) Benzidine	12.957	184	34432	3.096 ng	#	91

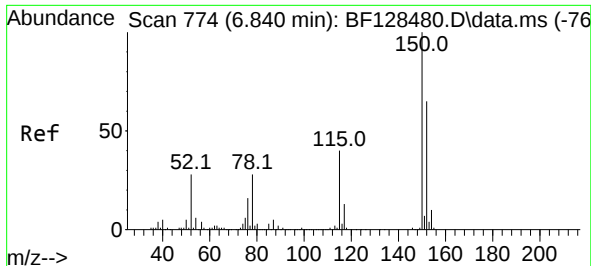
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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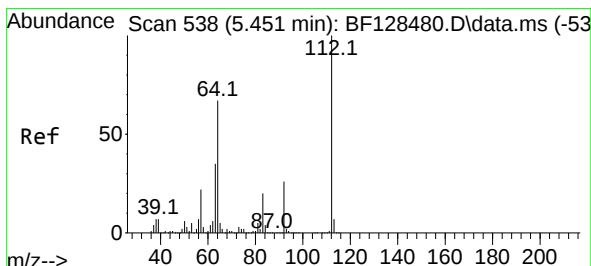
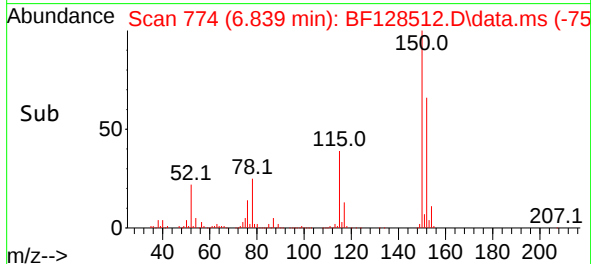
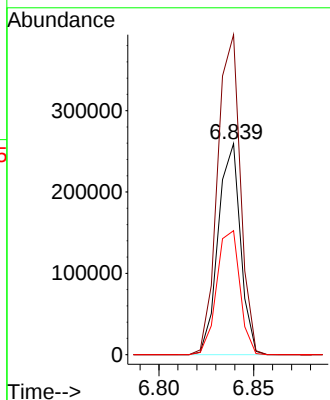
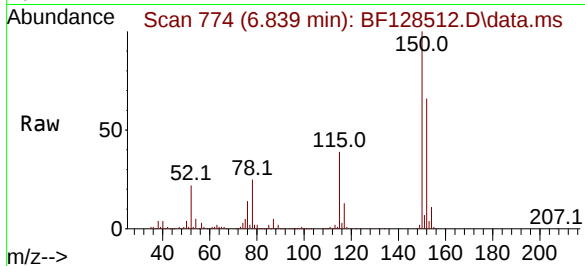




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

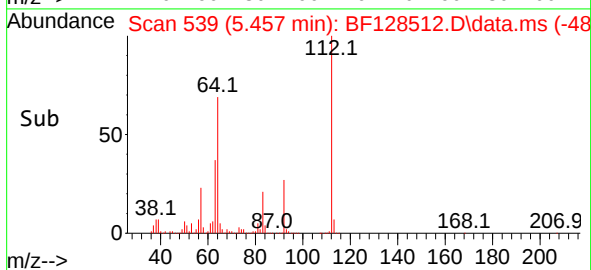
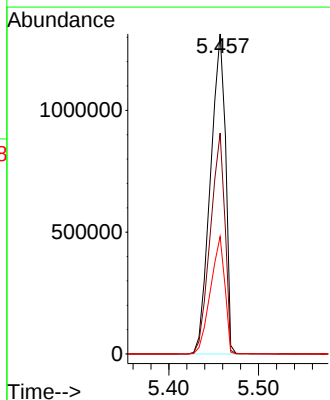
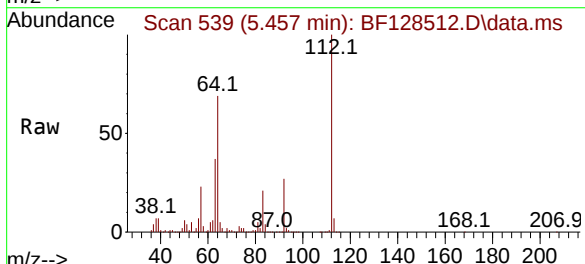
Instrument :
BNA_F
ClientSampleId :
P024-SS001-1218-01

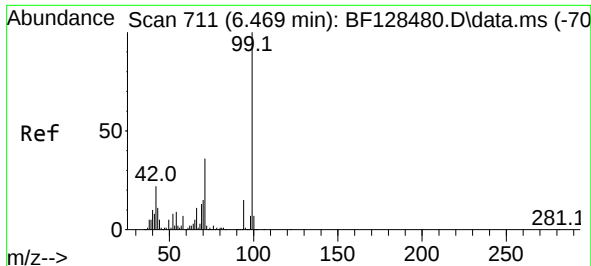
Tgt Ion:152 Resp: 212274
Ion Ratio Lower Upper
152 100
150 151.6 123.7 185.5
115 58.8 49.9 74.9



#5
2-Fluorophenol
Concen: 119.640 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

Tgt Ion:112 Resp: 1533225
Ion Ratio Lower Upper
112 100
64 69.0 53.3 79.9
63 36.7 28.0 42.0

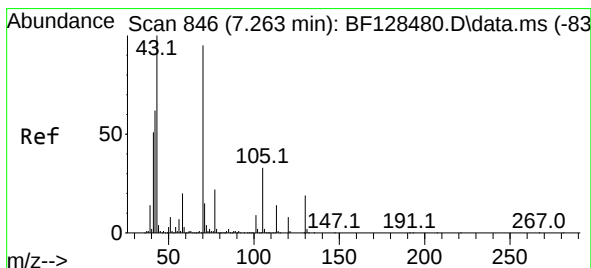
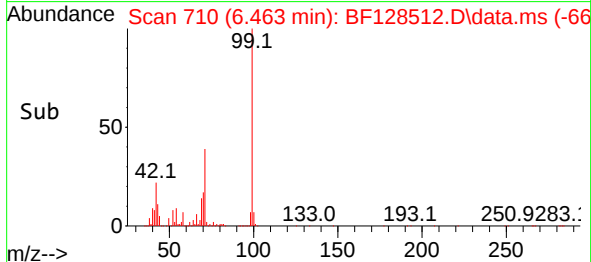
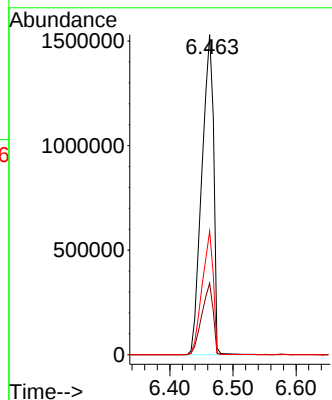
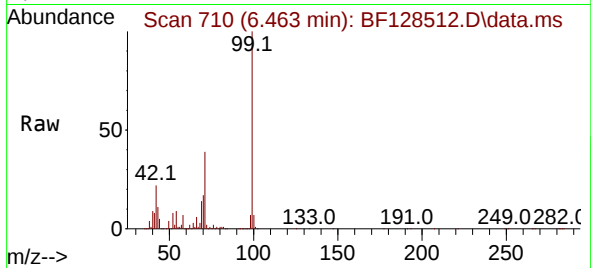




#7
Phenol-d6
Concen: 121.218 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

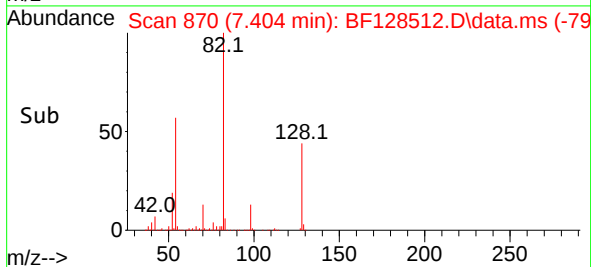
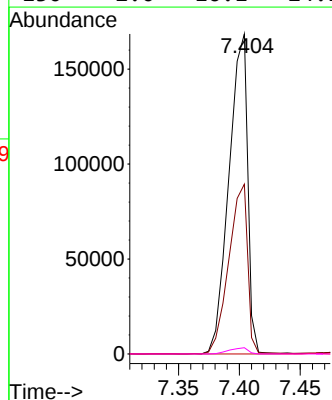
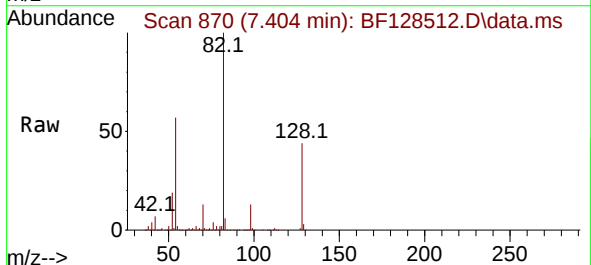
Instrument :
BNA_F
ClientSampleId :
P024-SS001-1218-01

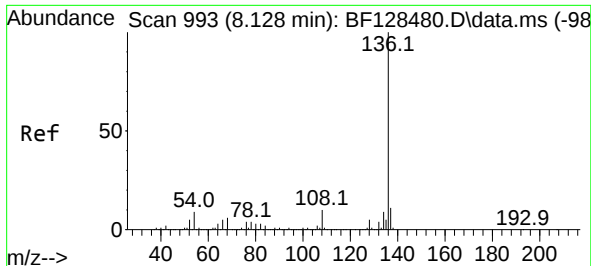
Tgt Ion: 99 Resp: 1980702
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 38.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.009 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

Tgt Ion: 70 Resp: 180422
Ion Ratio Lower Upper
70 100
42 53.0 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



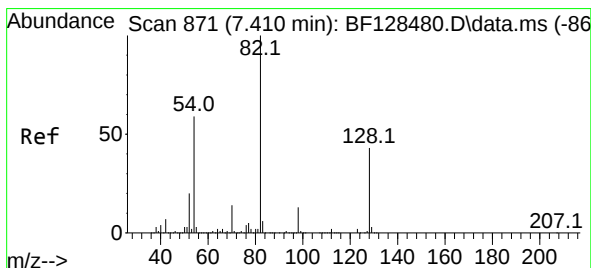
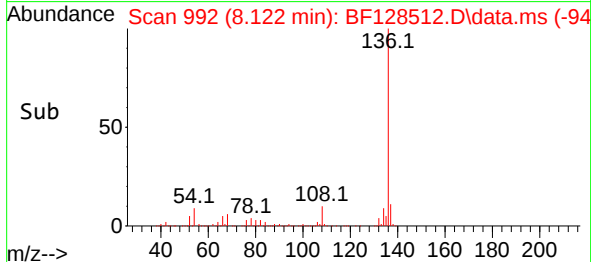
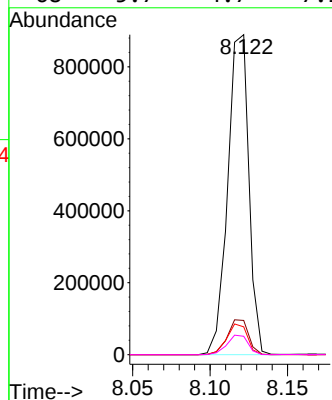
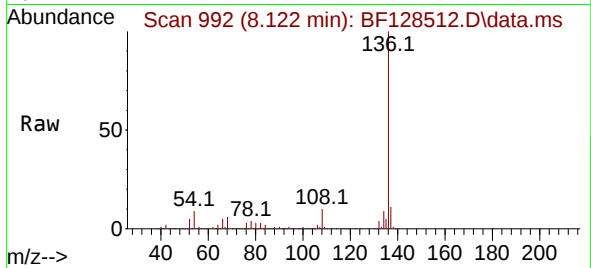


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

Instrument :
BNA_F
ClientSampleId :
P024-SS001-1218-01

Tgt Ion:136 Resp: 844169

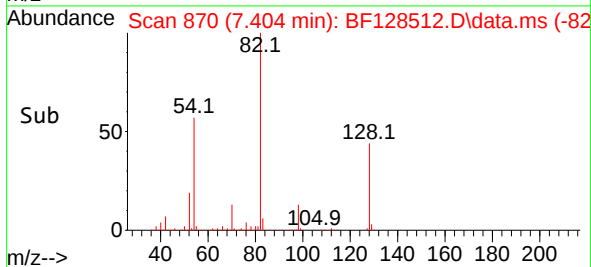
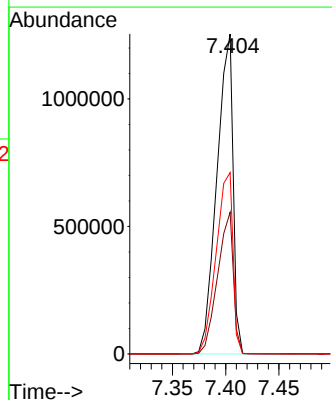
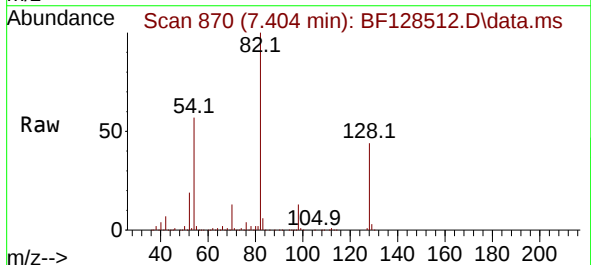
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.7	7.5	11.3
68	5.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 90.166 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

Tgt Ion: 82 Resp: 1319424

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.0	51.0
54	56.7	46.9	70.3

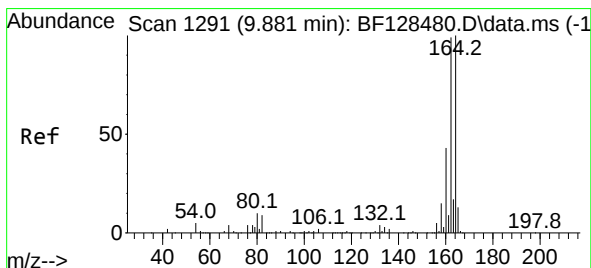
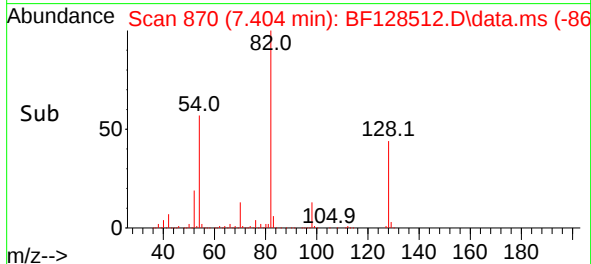
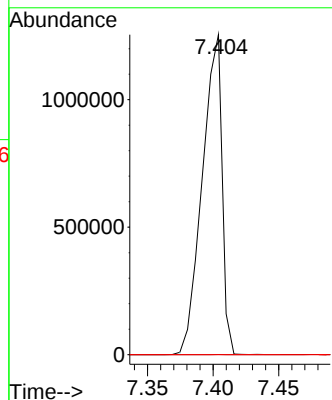
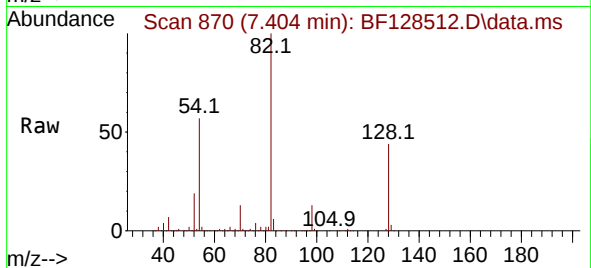




#25
Isophorone
Concen: 48.669 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

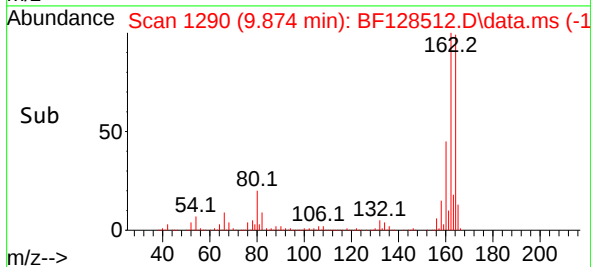
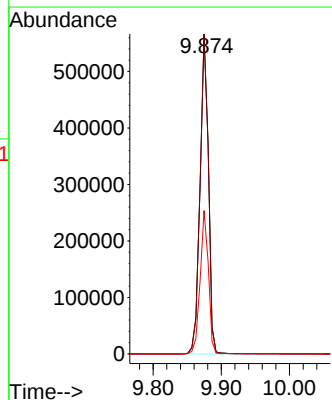
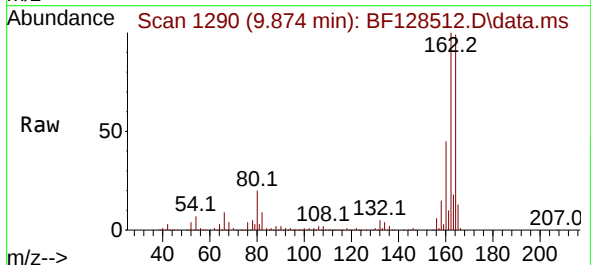
Instrument :
BNA_F
ClientSampleId :
P024-SS001-1218-01

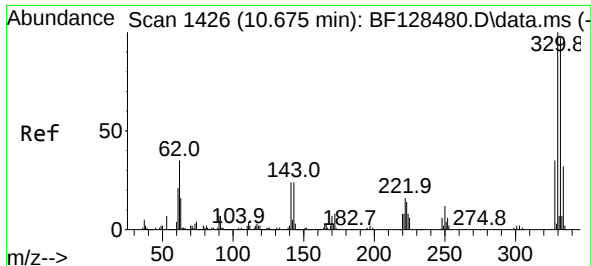
Tgt Ion: 82 Resp: 1313807
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1290
Delta R.T. -0.007 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

Tgt Ion:164 Resp: 482699
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 124.544 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128512.D

Acq: 27 May 2022 16:12

Instrument :

BNA_F

ClientSampleId :

P024-SS001-1218-01

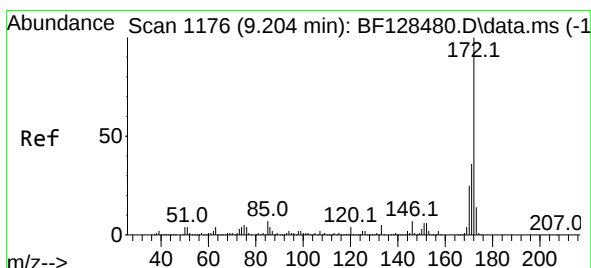
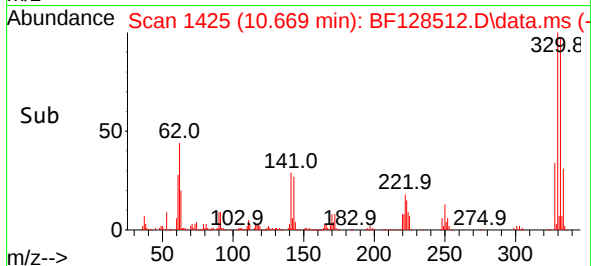
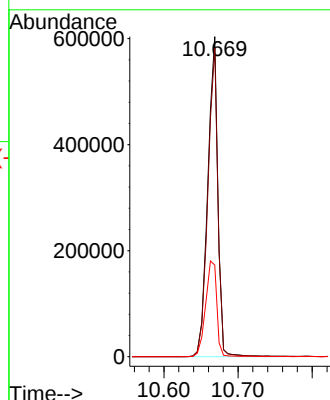
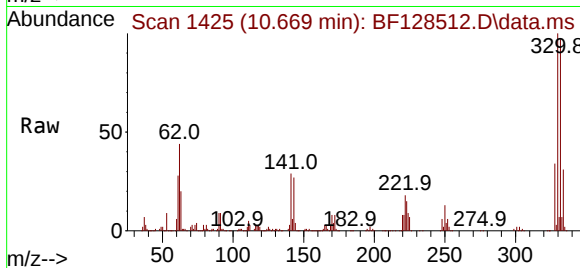
Tgt Ion:330 Resp: 572213

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 33.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.725 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128512.D

Acq: 27 May 2022 16:12

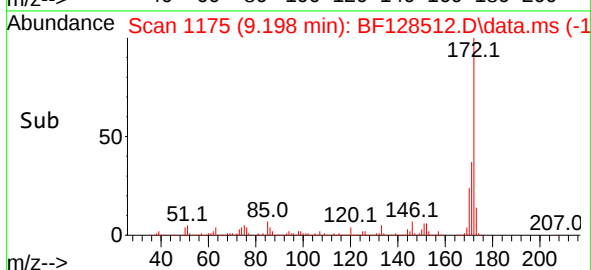
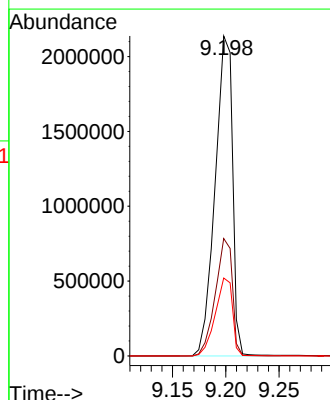
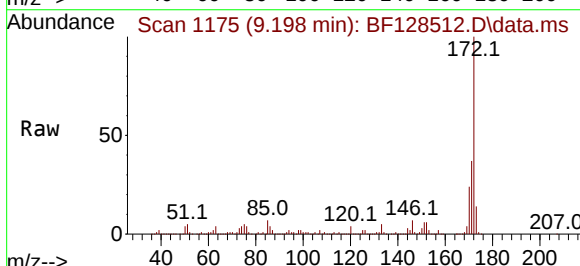
Tgt Ion:172 Resp: 2428122

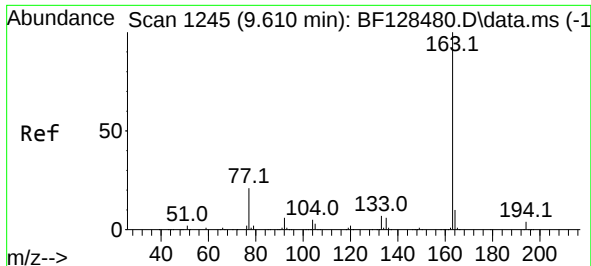
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.3 19.8 29.8

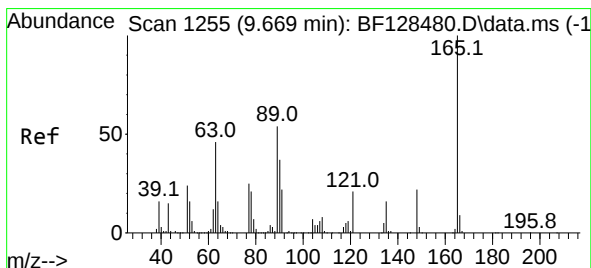
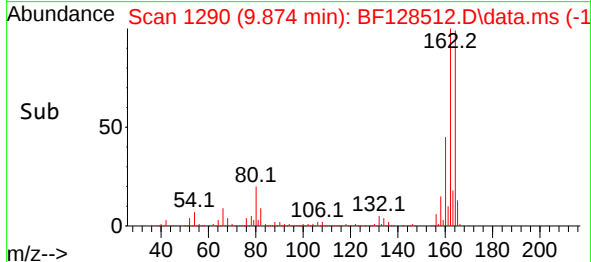
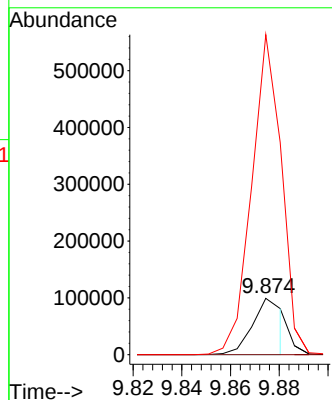
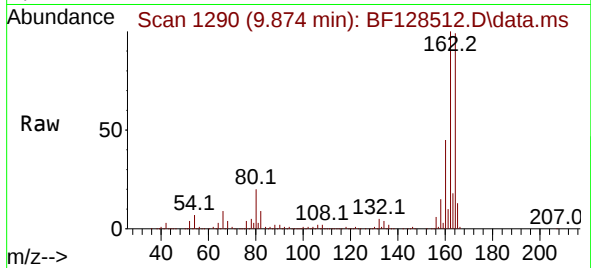




#50
Dimethylphthalate
Concen: 2.723 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.264 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

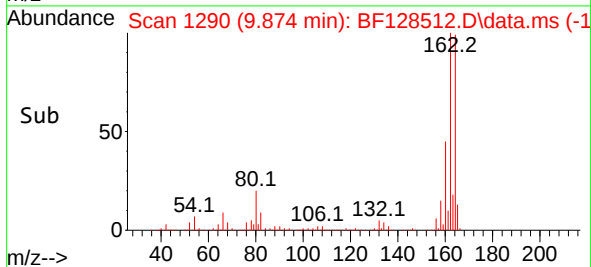
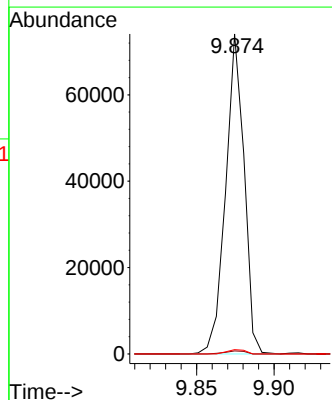
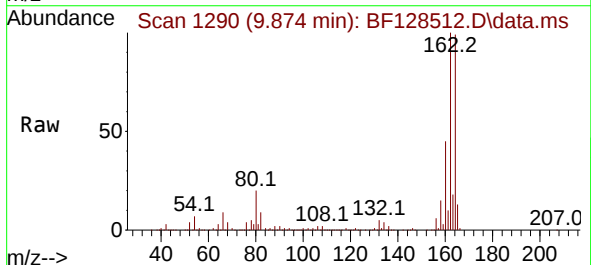
Instrument :
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P024-SS001-1218-01

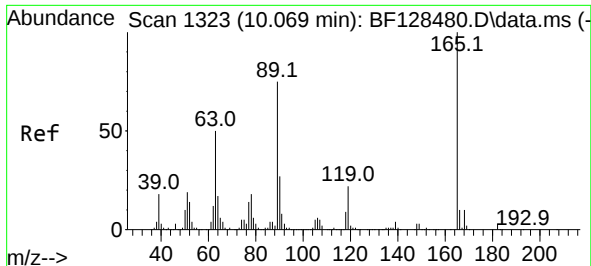
Tgt Ion:163 Resp: 85252
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 567.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.690 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

Tgt Ion:165 Resp: 61341
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.3 43.6 65.4#

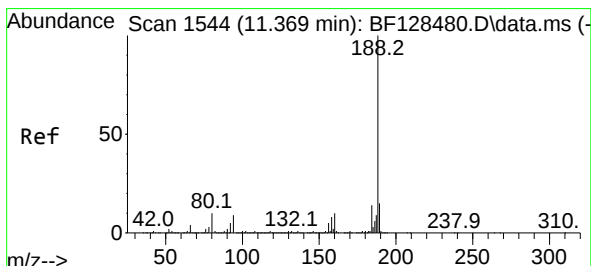
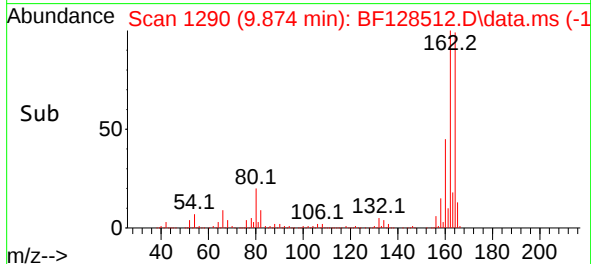
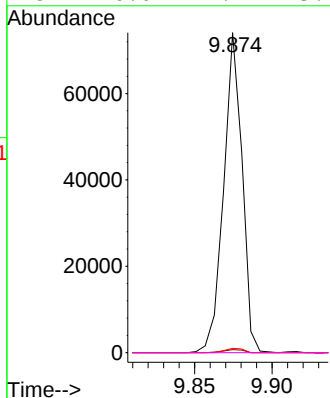
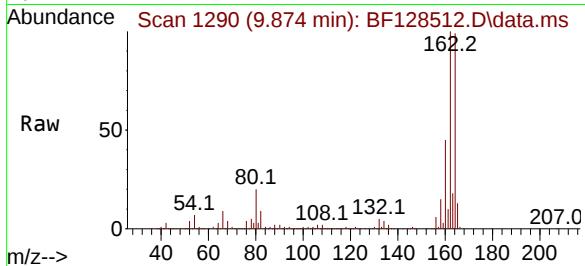




#57
2,4-Dinitrotoluene
Concen: 8.935 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

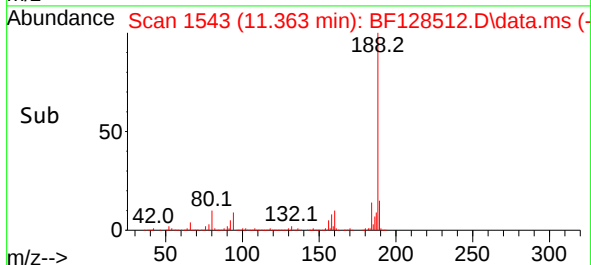
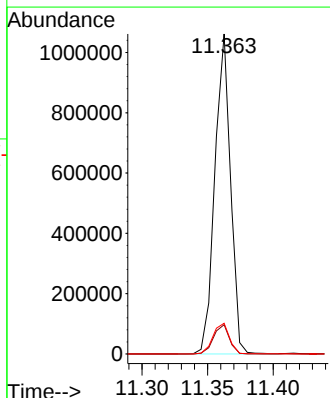
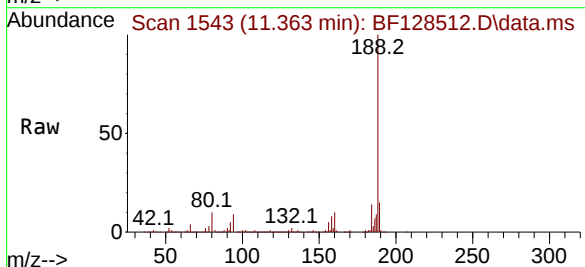
Instrument :
BNA_F
ClientSampleId :
P024-SS001-1218-01

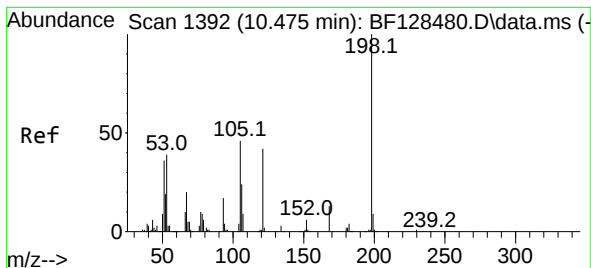
Tgt Ion:165 Resp: 61341
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

Tgt Ion:188 Resp: 881268
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.6 7.6 11.4

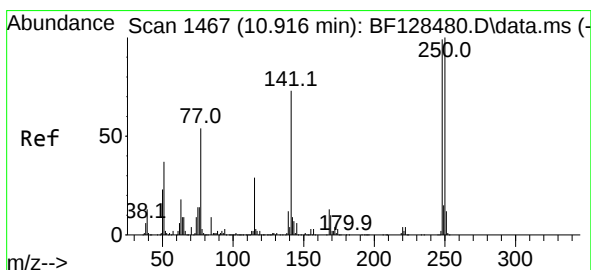
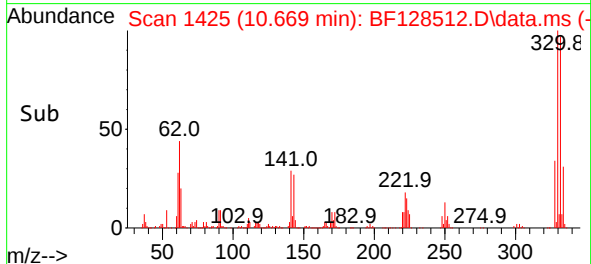
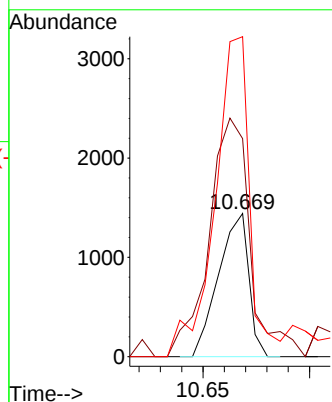
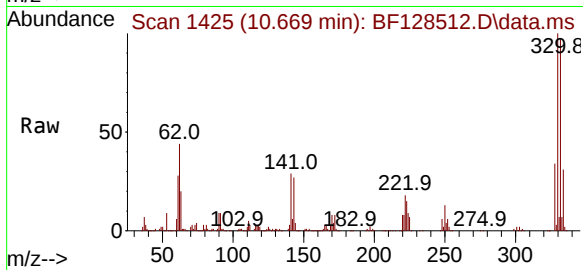




#65
4,6-Dinitro-2-methylphenol
Concen: 5.811 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

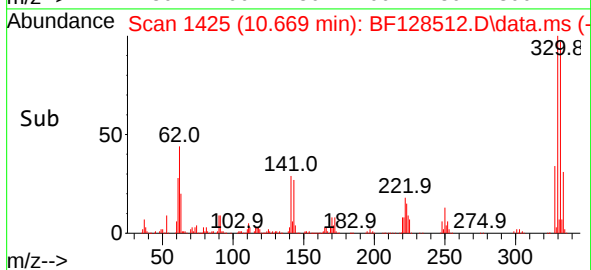
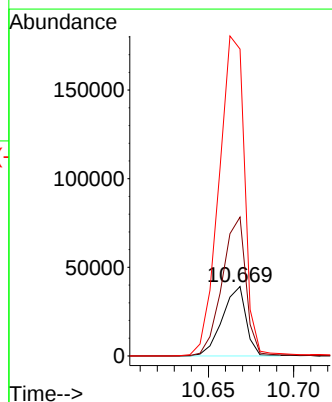
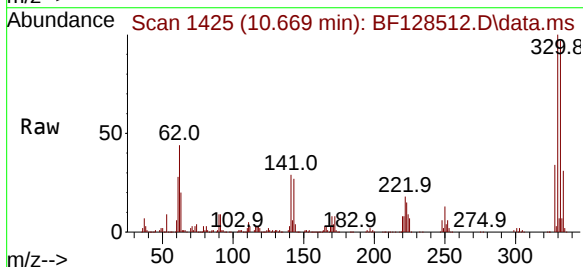
Instrument :
BNA_F
ClientSampleId :
P024-SS001-1218-01

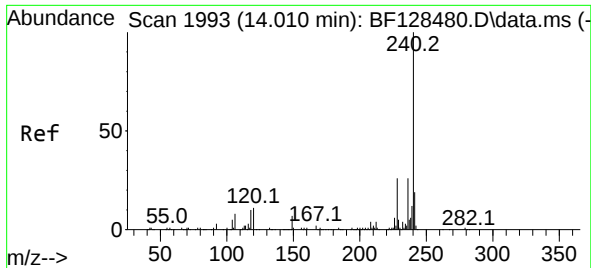
Tgt Ion:198 Resp: 1421
Ion Ratio Lower Upper
198 100
51 152.3 37.6 77.6#
105 223.5 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.164 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

Tgt Ion:248 Resp: 37918
Ion Ratio Lower Upper
248 100
250 199.9 80.6 120.8#
141 441.4 58.9 88.3#

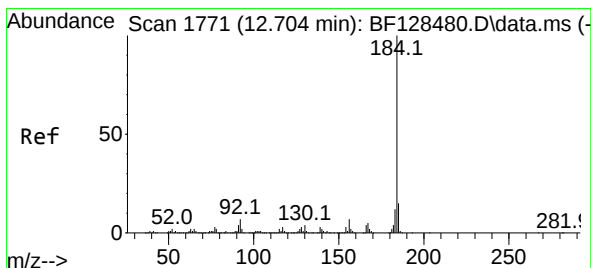
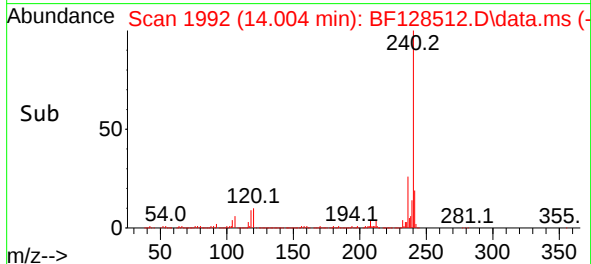
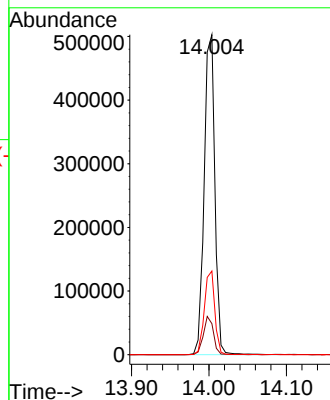
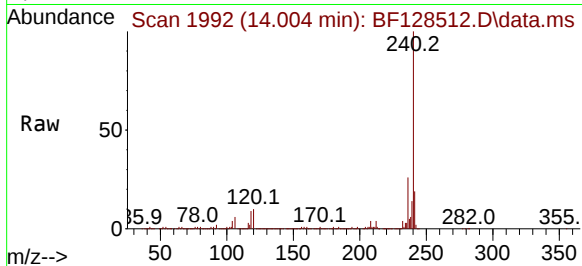




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

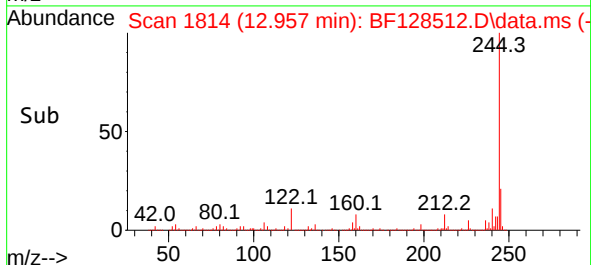
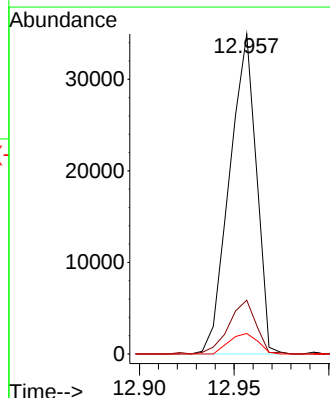
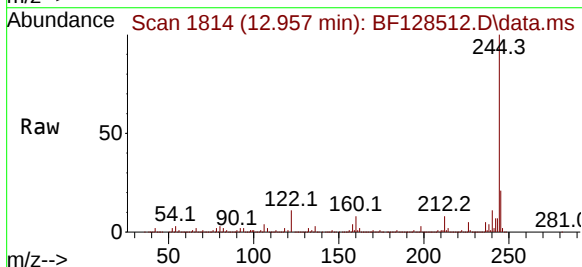
Instrument :
BNA_F
ClientSampleId :
P024-SS001-1218-01

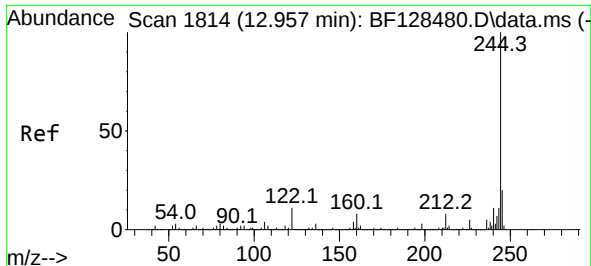
Tgt Ion:240 Resp: 482119
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 26.2 20.8 31.2



#77
Benzidine
Concen: 3.096 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128512.D
Acq: 27 May 2022 16:12

Tgt Ion:184 Resp: 34432
Ion Ratio Lower Upper
184 100
185 16.8 11.9 17.9
183 6.4 9.3 13.9#

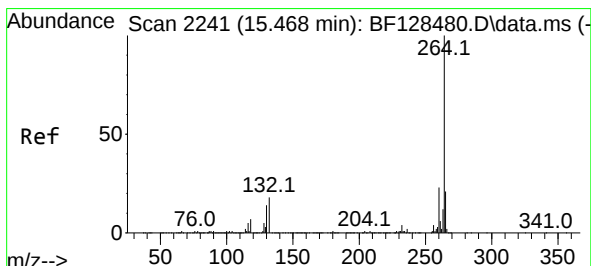
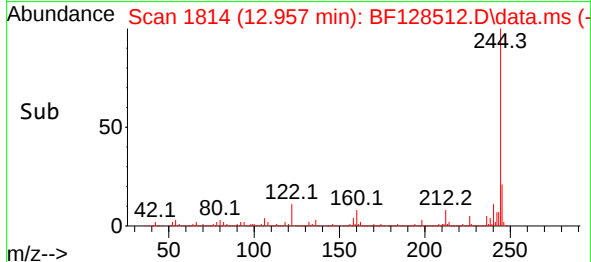
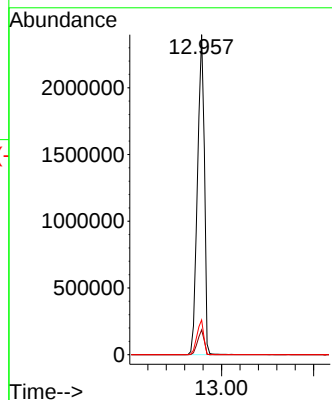
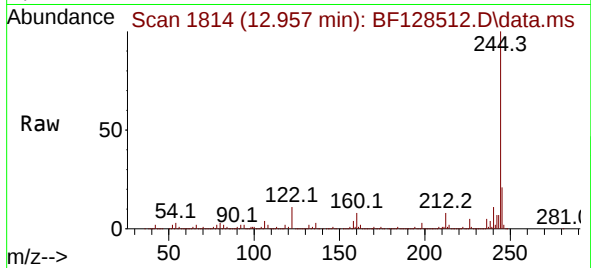




#79
 Terphenyl-d14
 Concen: 99.078 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128512.D
 Acq: 27 May 2022 16:12

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS001-1218-01

Tgt Ion:244 Resp: 2472478
 Ion Ratio Lower Upper
 244 100
 212 7.8 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: BF128512.D
 Acq: 27 May 2022 16:12

Tgt Ion:264 Resp: 392261
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.1 17.2 25.8

