

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128548.D
 Acq On : 28 May 2022 15:05
 Operator : CG\JU
 Sample : N2931-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P016-SS001-0612-01

Quant Time: May 28 22:42:39 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)

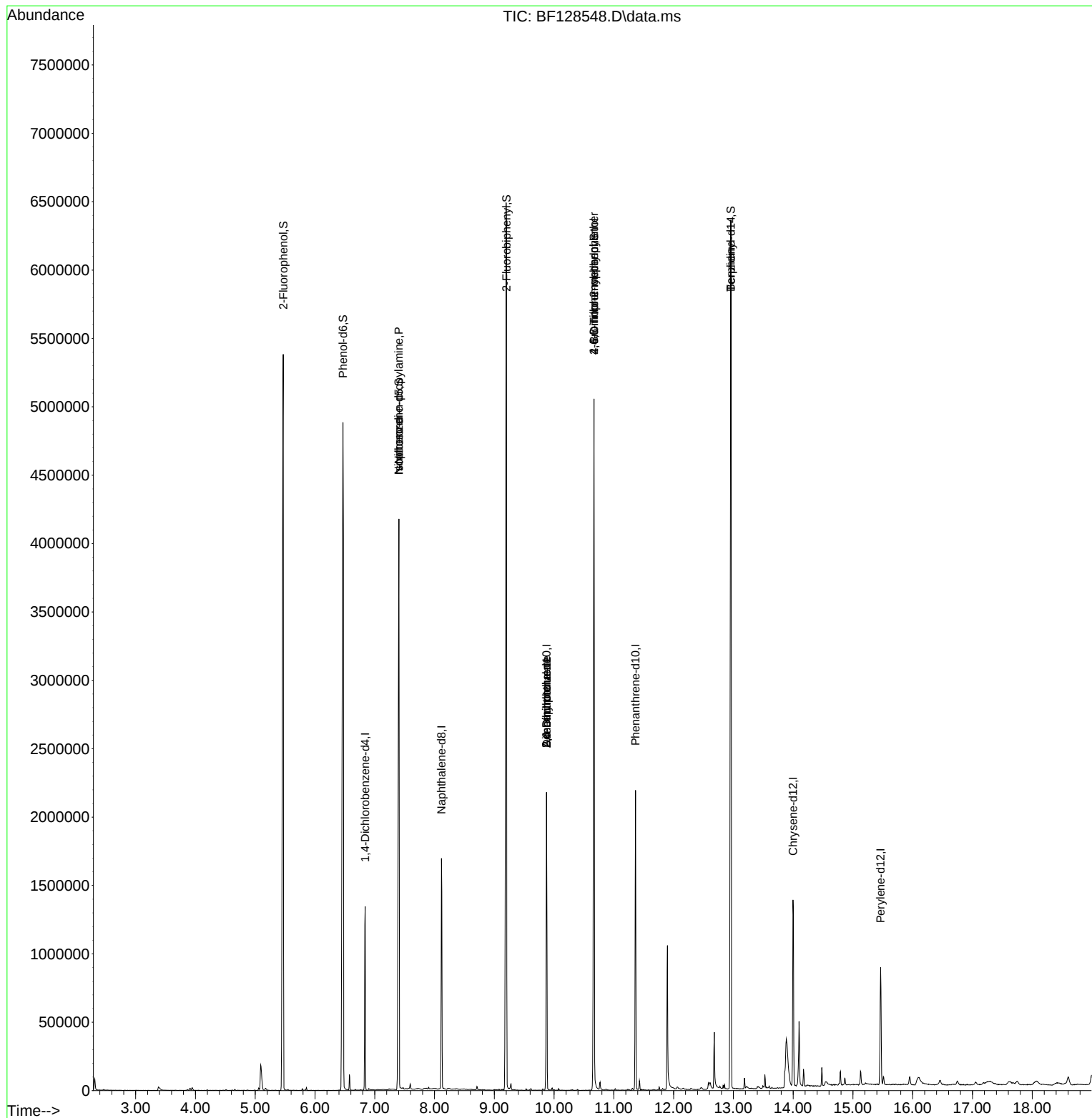
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	191182	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	756702	20.000	ng	-0.01
39) Acenaphthene-d10	9.874	164	424256	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	755127	20.000	ng	0.00
76) Chrysene-d12	13.998	240	480481	20.000	ng	-0.01
86) Perylene-d12	15.462	264	380188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1788582	154.963	ng	0.02
7) Phenol-d6	6.469	99	2342720	159.191	ng	0.00
23) Nitrobenzene-d5	7.404	82	1598965	121.899	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	686311	169.955	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2600802	99.595	ng	0.00
79) Terphenyl-d14	12.957	244	2569696	103.325	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.386	77	402	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.404	70	221959	24.599	ng	# 78
25) Isophorone	7.404	82	1594976	65.914	ng	# 65
50) Dimethylphthalate	9.874	163	73728	2.679	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	53837	10.674	ng	# 25
57) 2,4-Dinitrotoluene	9.874	165	53837	8.922	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	1692	5.931	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	44322	5.681	ng	# 1
77) Benzidine	12.957	184	36848	3.325	ng	# 92

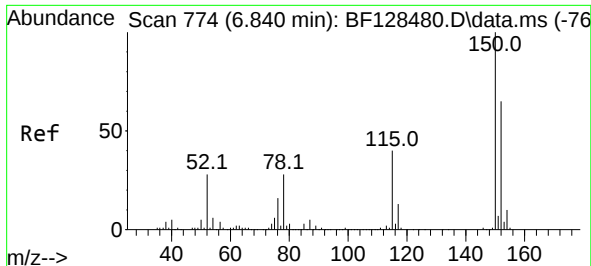
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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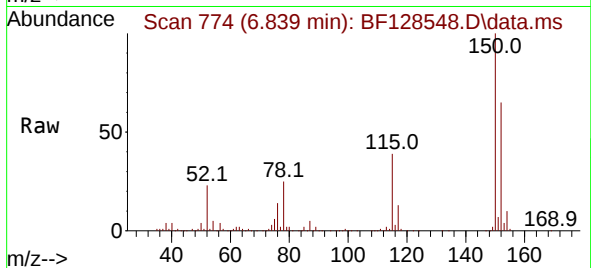
Quant Time: May 28 22:42:39 2022
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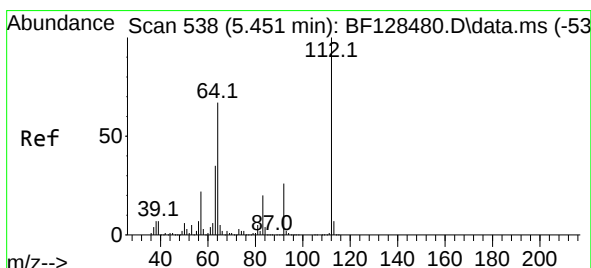
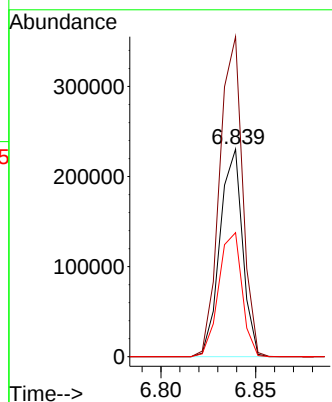
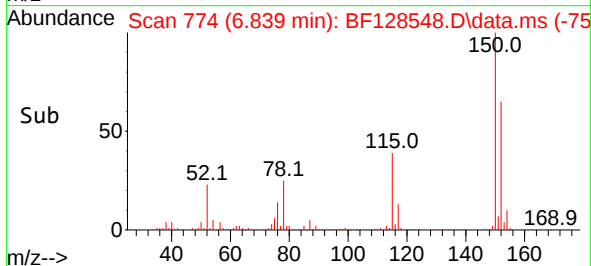


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128548.D
Acq: 28 May 2022 15:05

Instrument :
BNA_F
ClientSampleId :
P016-SS001-0612-01

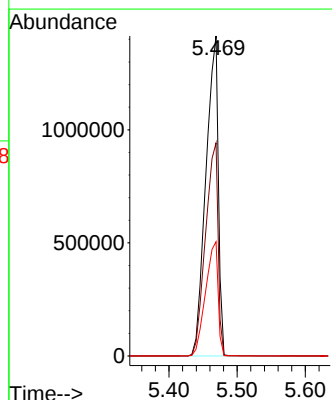
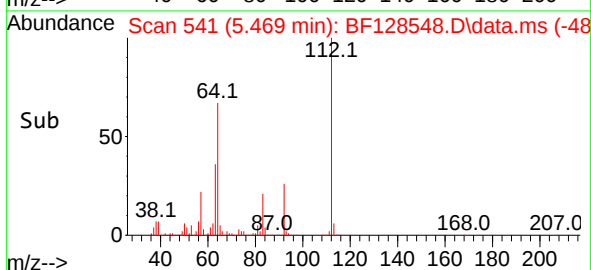
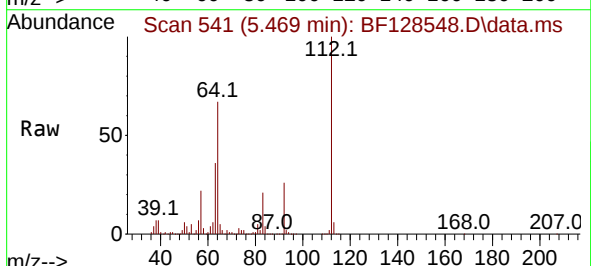


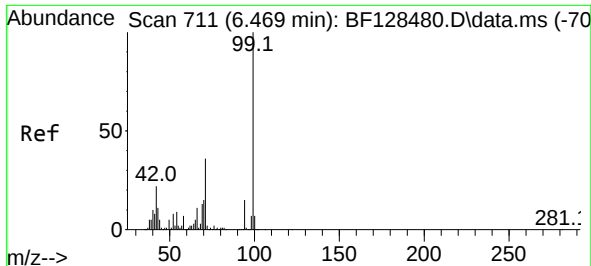
Tgt Ion:152 Resp: 191182
Ion Ratio Lower Upper
152 100
150 154.2 123.7 185.5
115 59.8 49.9 74.9



#5
2-Fluorophenol
Concen: 154.963 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF128548.D
Acq: 28 May 2022 15:05

Tgt Ion:112 Resp: 1788582
Ion Ratio Lower Upper
112 100
64 66.6 53.3 79.9
63 35.7 28.0 42.0

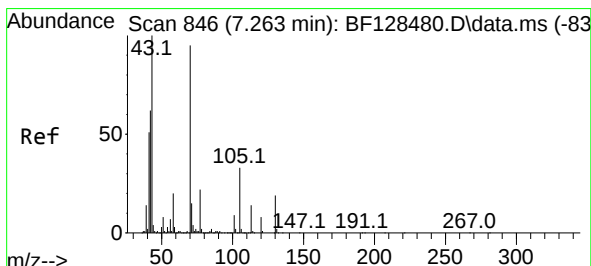
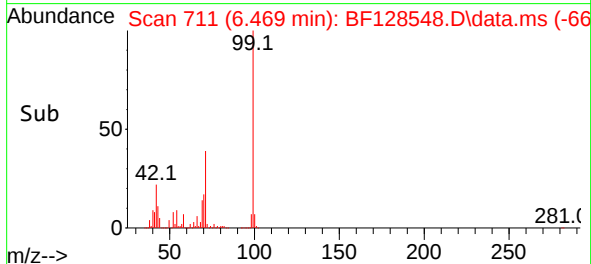
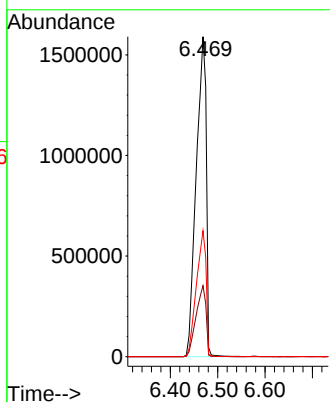
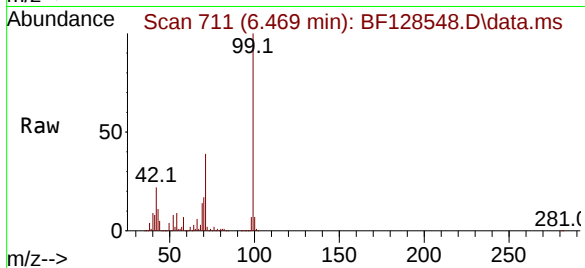




#7
Phenol-d6
Concen: 159.191 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128548.D
Acq: 28 May 2022 15:05

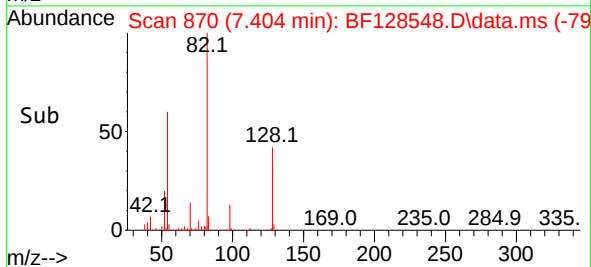
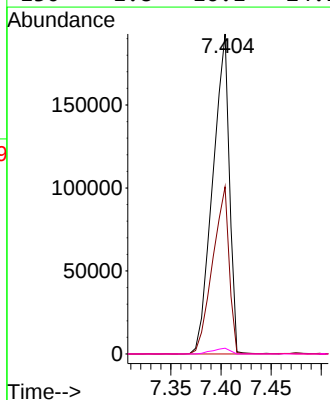
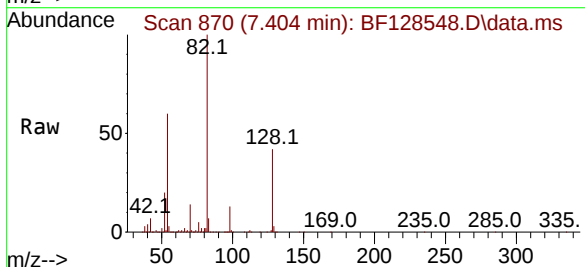
Instrument :
BNA_F
ClientSampleId :
P016-SS001-0612-01

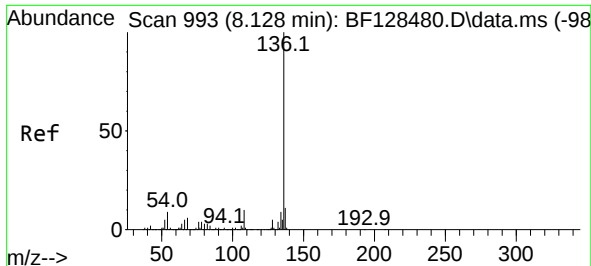
Tgt Ion: 99 Resp: 2342720
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 39.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 24.599 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128548.D
Acq: 28 May 2022 15:05

Tgt Ion: 70 Resp: 221959
Ion Ratio Lower Upper
70 100
42 52.3 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

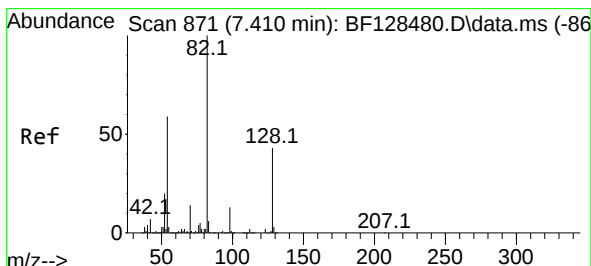
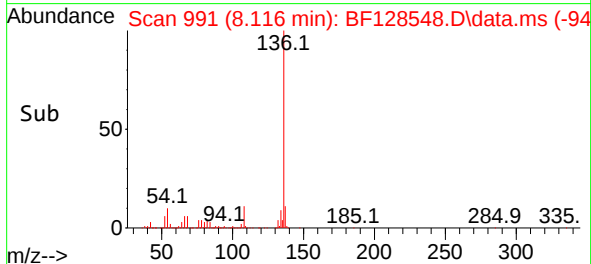
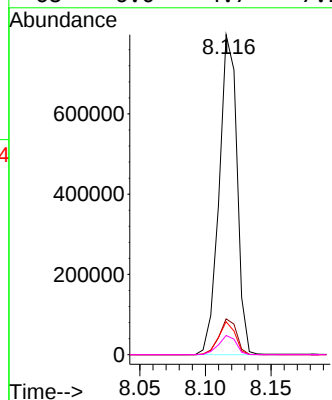
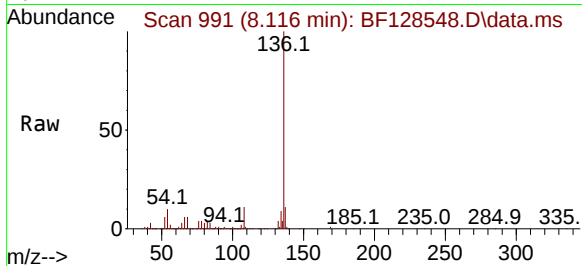




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128548.D
Acq: 28 May 2022 15:05

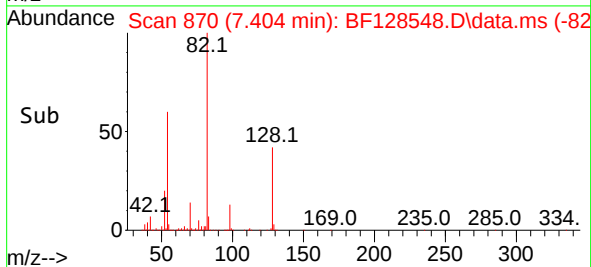
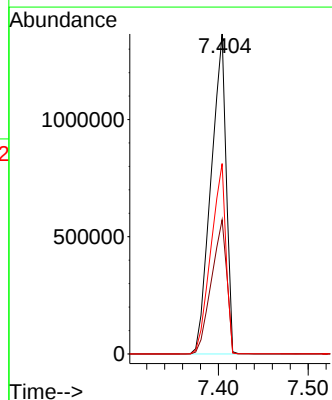
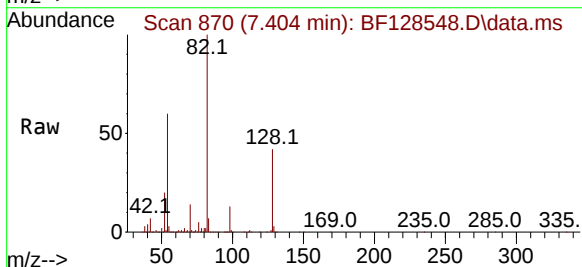
Instrument :
BNA_F
ClientSampleId :
P016-SS001-0612-01

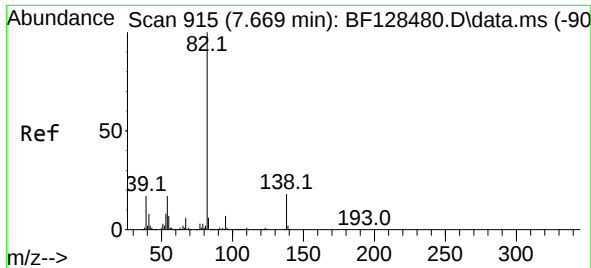
Tgt Ion:	136	Resp:	756702
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	10.3	7.5	11.3
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 121.899 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF128548.D
Acq: 28 May 2022 15:05

Tgt Ion:	82	Resp:	1598965
Ion Ratio	Lower	Upper	
82	100		
128	42.0	34.0	51.0
54	59.5	46.9	70.3

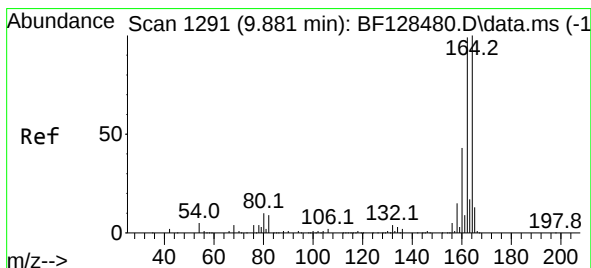
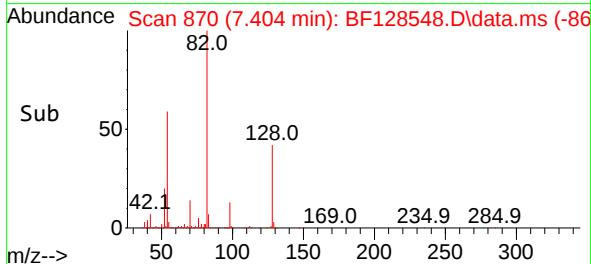
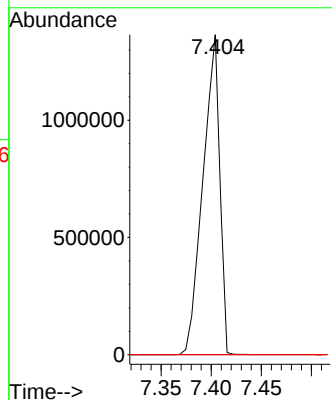
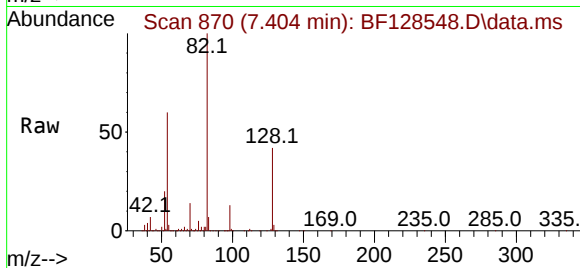




#25
Isophorone
Concen: 65.914 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128548.D
Acq: 28 May 2022 15:05

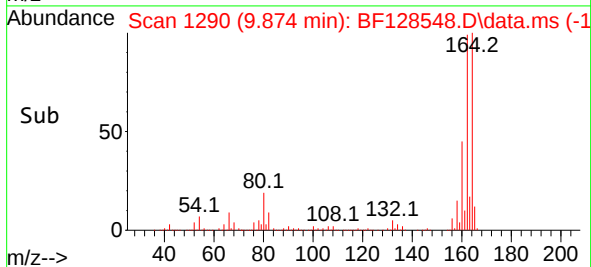
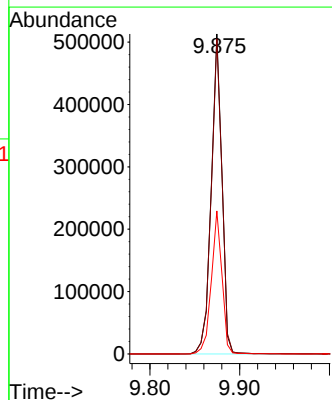
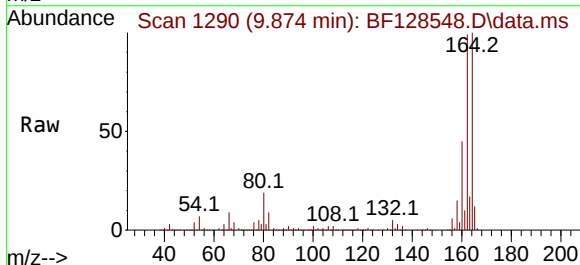
Instrument :
BNA_F
ClientSampleId :
P016-SS001-0612-01

Tgt Ion: 82 Resp: 1594976
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: BF128548.D
Acq: 28 May 2022 15:05

Tgt Ion:164 Resp: 424256
Ion Ratio Lower Upper
164 100
162 98.5 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 169.955 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128548.D

Acq: 28 May 2022 15:05

Instrument :

BNA_F

ClientSampleId :

P016-SS001-0612-01

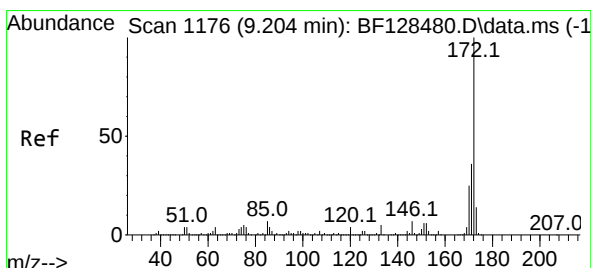
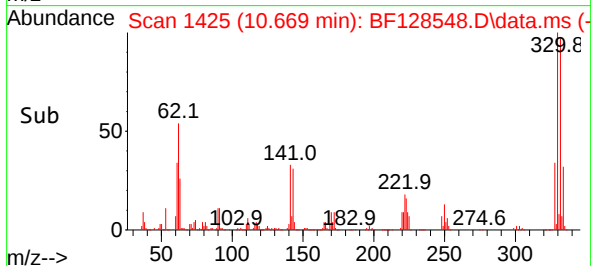
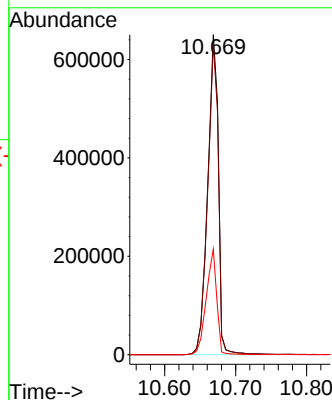
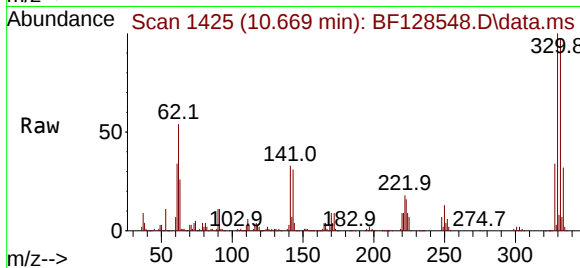
Tgt Ion:330 Resp: 686311

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 32.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 99.595 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128548.D

Acq: 28 May 2022 15:05

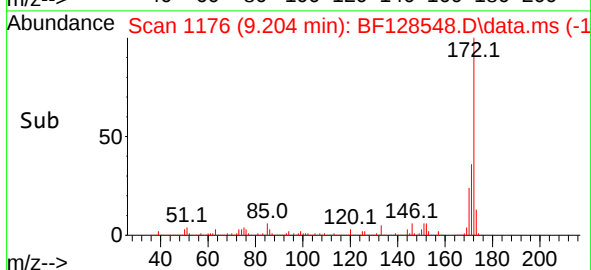
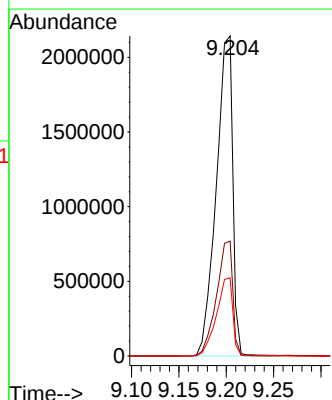
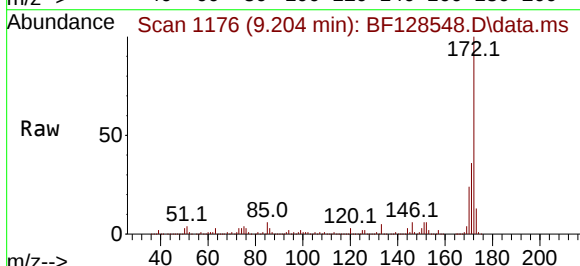
Tgt Ion:172 Resp: 2600802

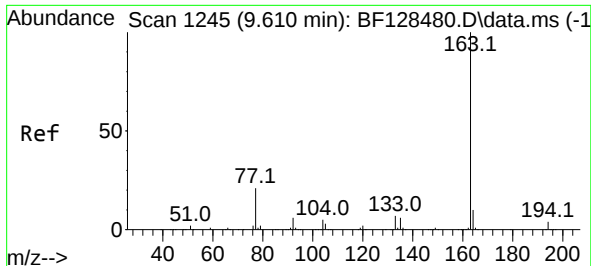
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.5 19.8 29.8

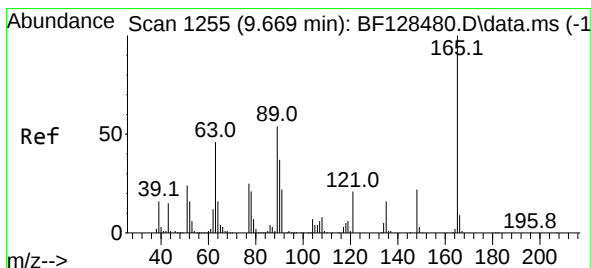
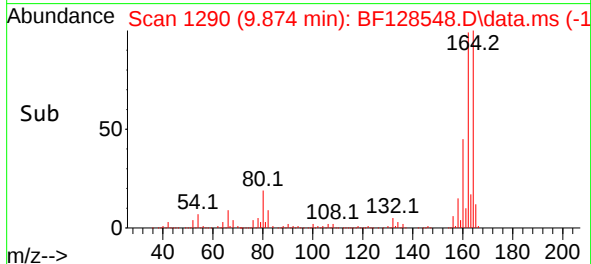
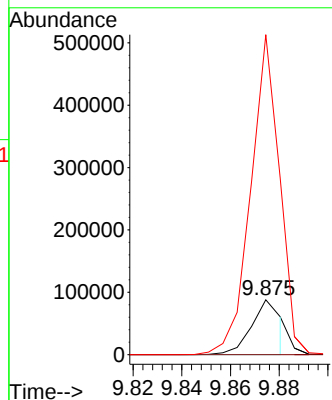
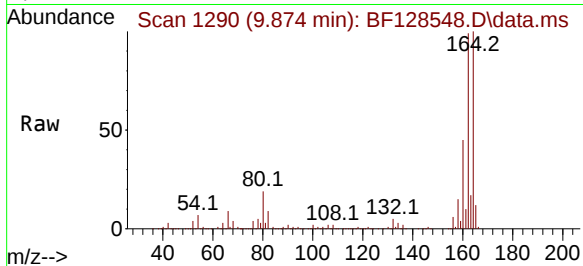




#50
Dimethylphthalate
Concen: 2.679 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.264 min
Lab File: BF128548.D
Acq: 28 May 2022 15:05

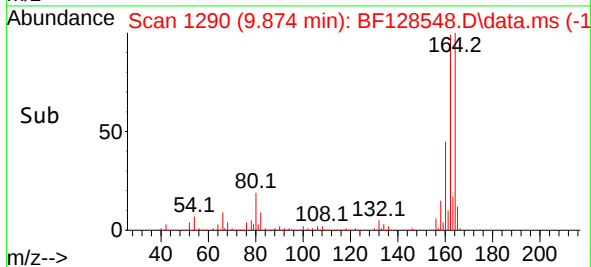
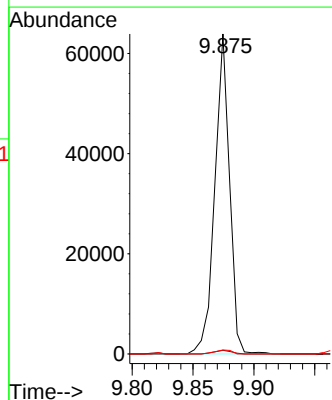
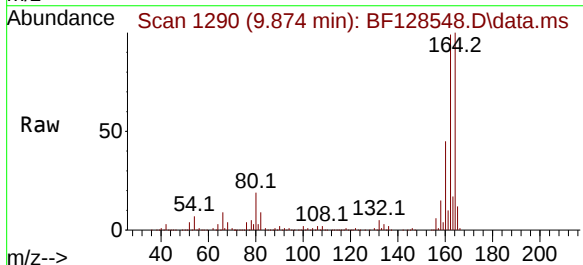
Instrument :
BNA_F
ClientSampleId :
P016-SS001-0612-01

Tgt Ion:163 Resp: 73728
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 583.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.674 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128548.D
Acq: 28 May 2022 15:05

Tgt Ion:165 Resp: 53837
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.3 43.6 65.4#

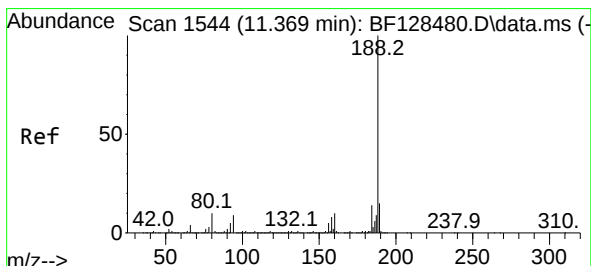
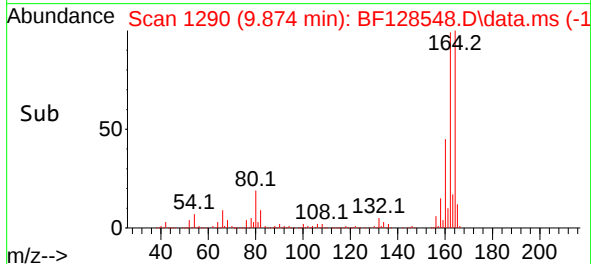
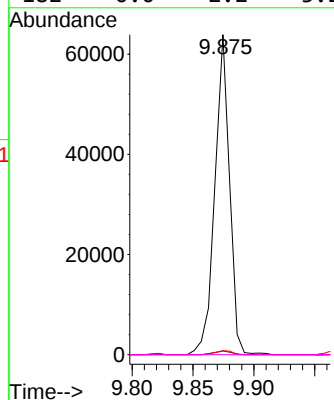
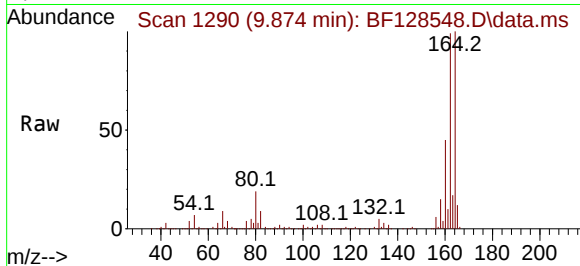




#57
2,4-Dinitrotoluene
Concen: 8.922 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128548.D
Acq: 28 May 2022 15:05

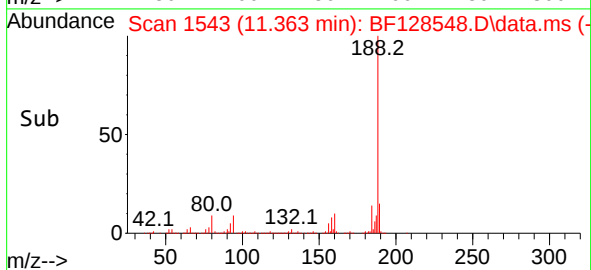
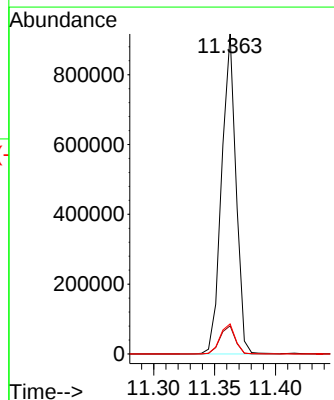
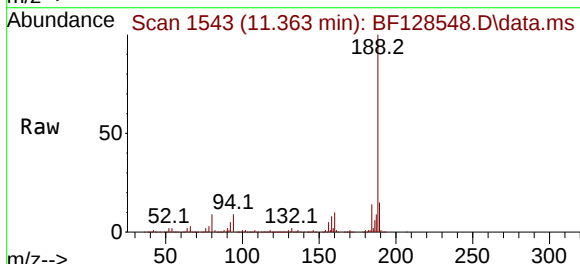
Instrument :
BNA_F
ClientSampleId :
P016-SS001-0612-01

Tgt Ion:165 Resp: 53837
Ion Ratio Lower Upper
165 100
63 1.1 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: BF128548.D
Acq: 28 May 2022 15:05

Tgt Ion:188 Resp: 755127
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: 5.931 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.194 min

Lab File: BF128548.D

Acq: 28 May 2022 15:05

Instrument :

BNA_F

ClientSampleId :

P016-SS001-0612-01

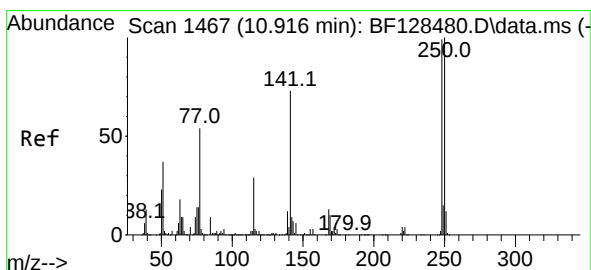
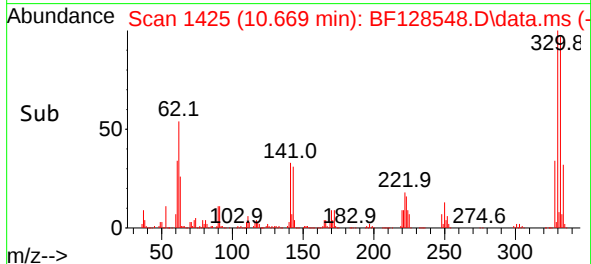
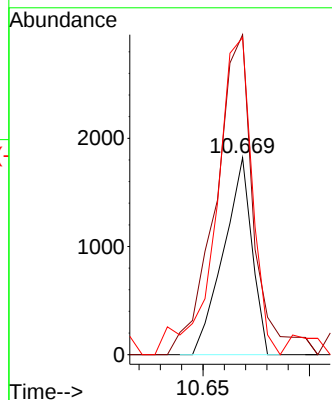
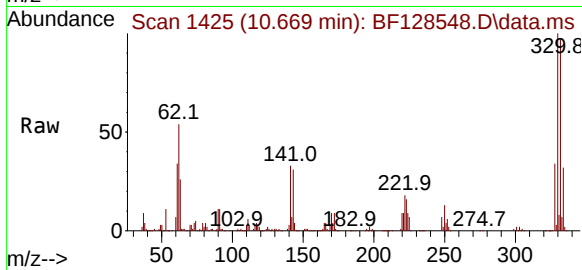
Tgt Ion:198 Resp: 1692

Ion Ratio Lower Upper

198 100

51 162.4 37.6 77.6#

105 161.0 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 5.681 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.247 min

Lab File: BF128548.D

Acq: 28 May 2022 15:05

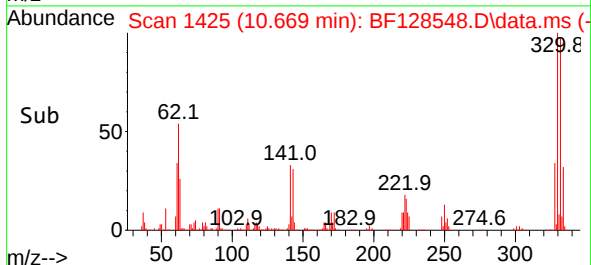
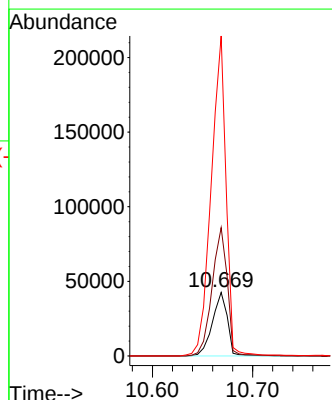
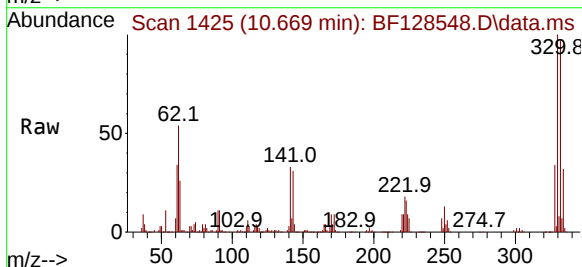
Tgt Ion:248 Resp: 44322

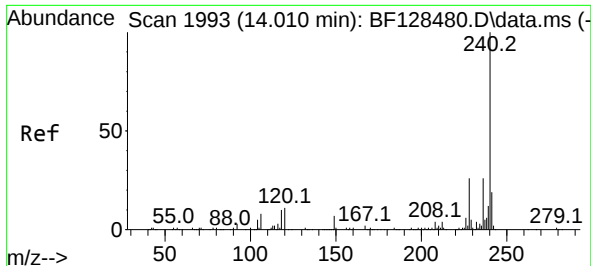
Ion Ratio Lower Upper

248 100

250 201.7 80.6 120.8#

141 503.2 58.9 88.3#

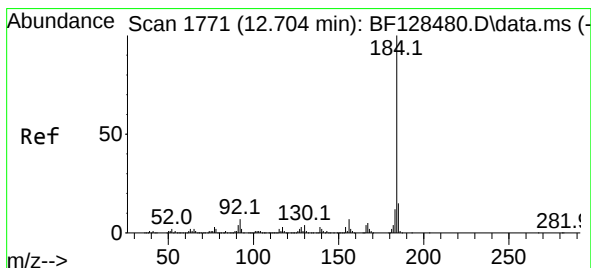
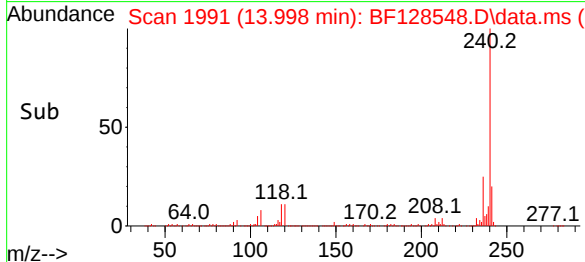
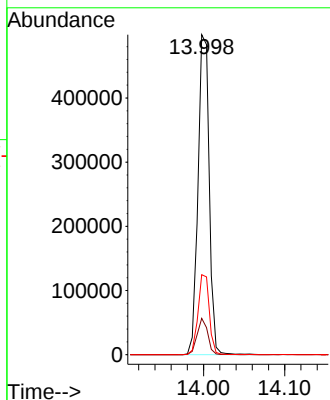
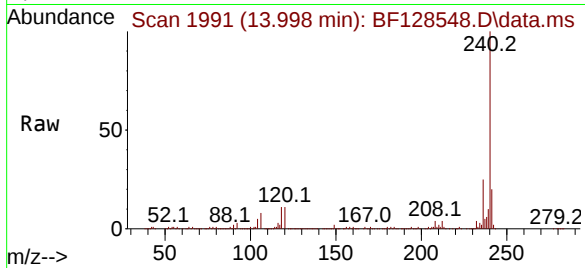




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF128548.D
Acq: 28 May 2022 15:05

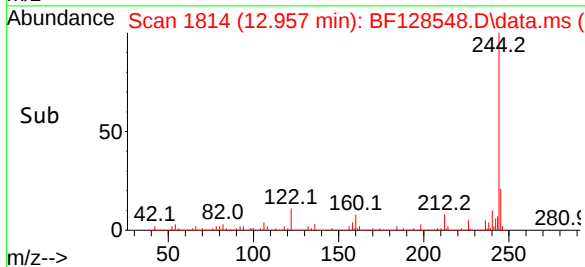
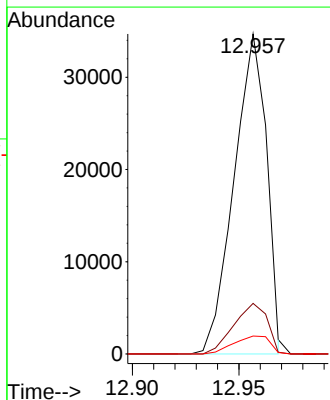
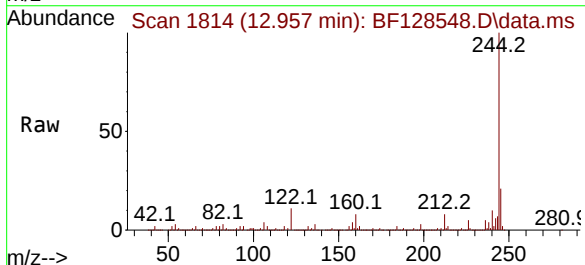
Instrument :
BNA_F
ClientSampleId :
P016-SS001-0612-01

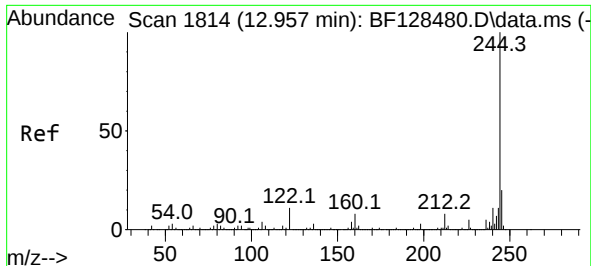
Tgt Ion:240 Resp: 480481
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.0 20.8 31.2



#77
Benzidine
Concen: 3.325 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128548.D
Acq: 28 May 2022 15:05

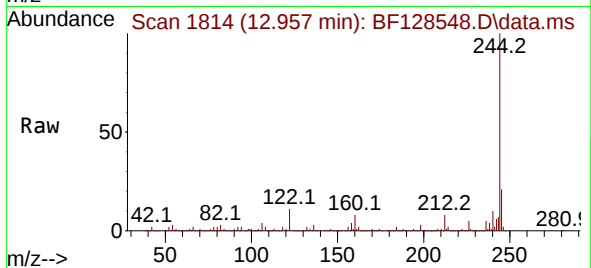
Tgt Ion:184 Resp: 36848
Ion Ratio Lower Upper
184 100
185 15.8 11.9 17.9
183 5.6 9.3 13.9#



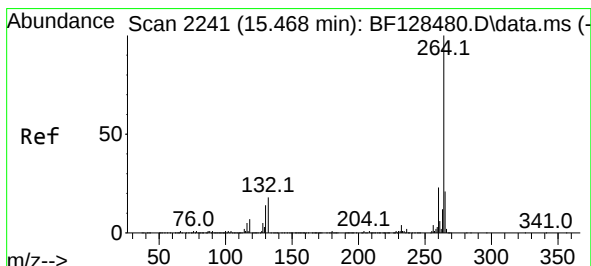
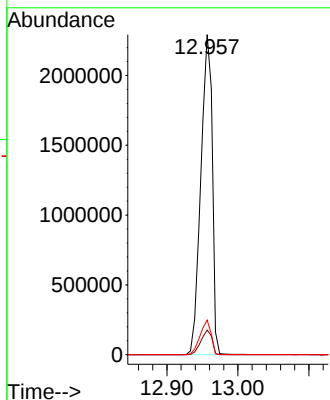
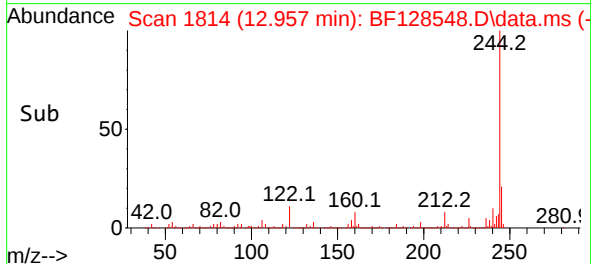


#79
 Terphenyl-d14
 Concen: 103.325 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128548.D
 Acq: 28 May 2022 15:05

Instrument :
 BNA_F
 ClientSampleId :
 P016-SS001-0612-01



Tgt Ion:244 Resp: 2569696
 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# 2240
 Delta R.T. -0.006 min
 Lab File: BF128548.D
 Acq: 28 May 2022 15:05

Tgt Ion:264 Resp: 380188
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.4 27.6
 265 21.6 17.2 25.8

