

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128528.D
 Acq On : 28 May 2022 00:31
 Operator : CG\JU
 Sample : N2927-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS007-0006-01

Quant Time: May 28 03:14:01 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)

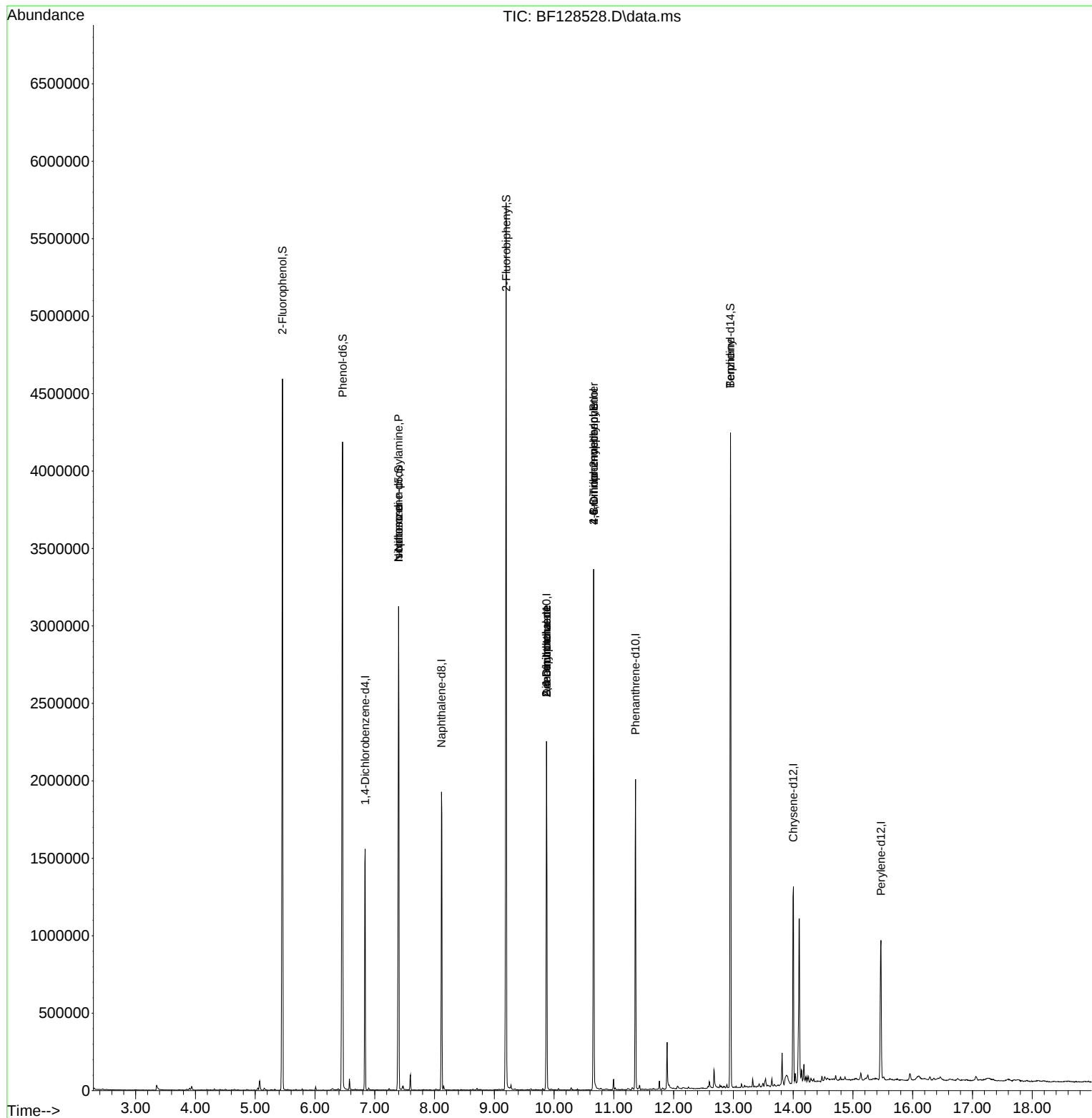
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	228870	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	844971	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	437088	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	729595	20.000	ng	0.00
76) Chrysene-d12	14.004	240	440400	20.000	ng	0.00
86) Perylene-d12	15.468	264	416198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1218442	88.183	ng	0.00
7) Phenol-d6	6.463	99	1568570	89.035	ng	0.00
23) Nitrobenzene-d5	7.398	82	1032706	70.505	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	376603	90.522	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1777978	66.087	ng	0.00
79) Terphenyl-d14	12.951	244	1490637	65.392	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	869	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.398	70	141869	13.134	ng	# 79
25) Isophorone	7.398	82	1030057	38.122	ng	# 65
50) Dimethylphthalate	9.875	163	75916	2.678	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	56503	10.874	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	56503	9.089	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1124	5.797	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	24613	3.265	ng	# 1
77) Benzidine	12.951	184	20375	2.006	ng	# 91

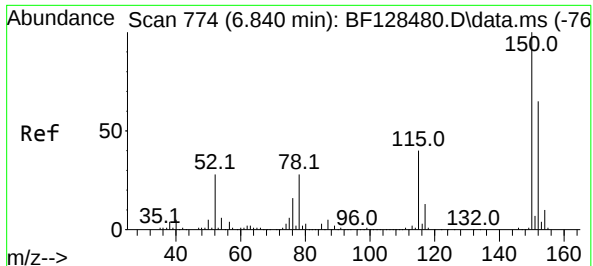
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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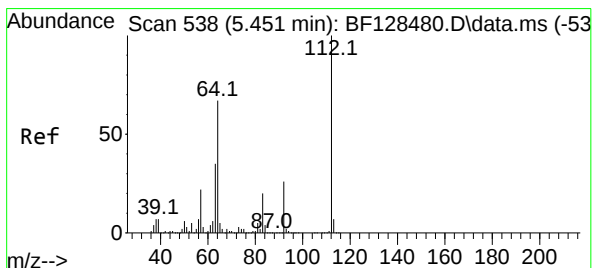
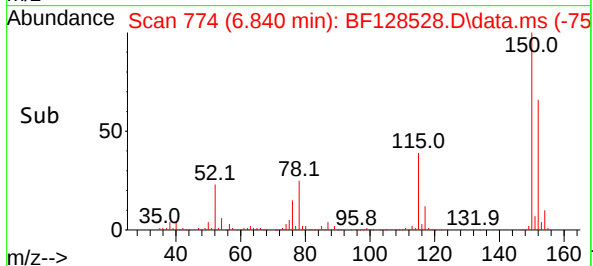
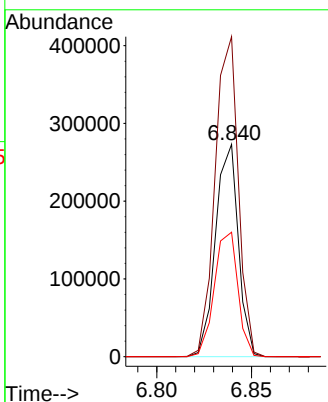
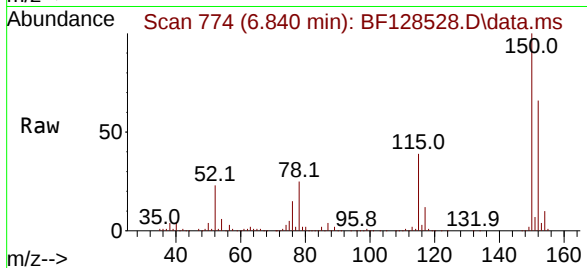




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

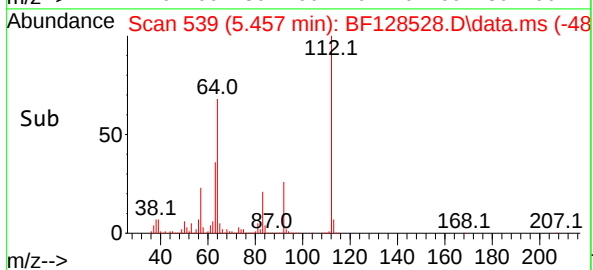
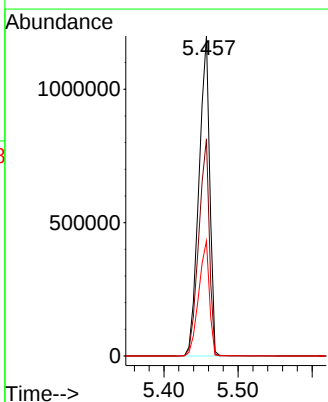
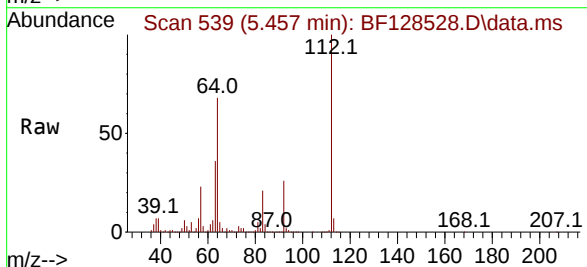
Instrument :
BNA_F
ClientSampleId :
P010-SS007-0006-01

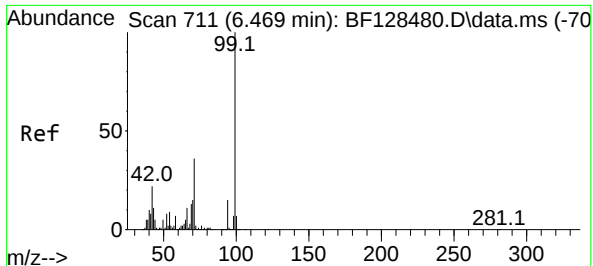
Tgt Ion:152 Resp: 228870
Ion Ratio Lower Upper
152 100
150 150.8 123.7 185.5
115 58.6 49.9 74.9



#5
2-Fluorophenol
Concen: 88.183 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

Tgt Ion:112 Resp: 1218442
Ion Ratio Lower Upper
112 100
64 67.9 53.3 79.9
63 36.0 28.0 42.0

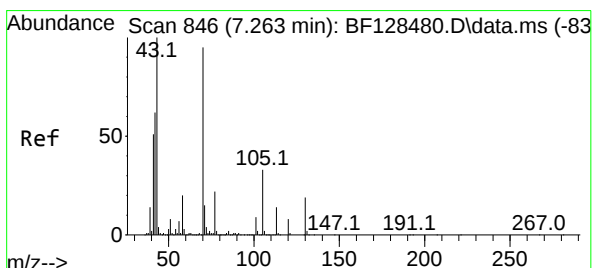
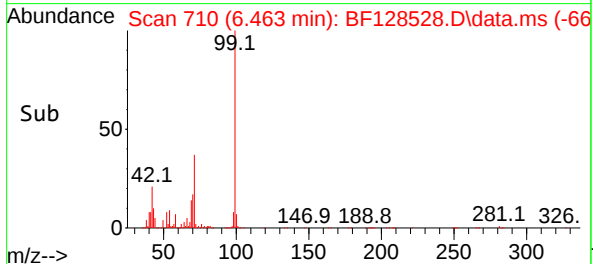
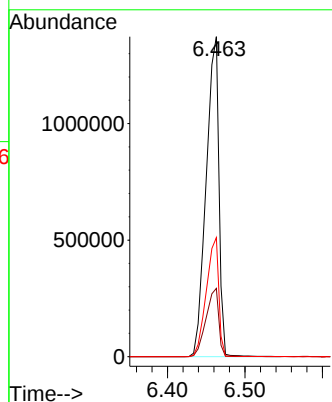
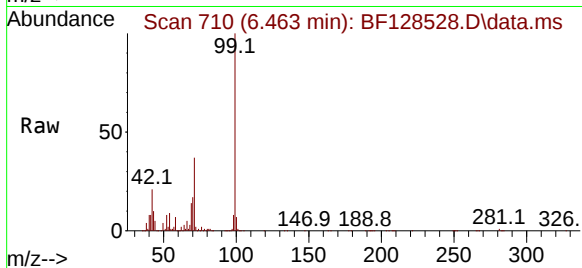




#7
Phenol-d6
Concen: 89.035 ng
RT: 6.463 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

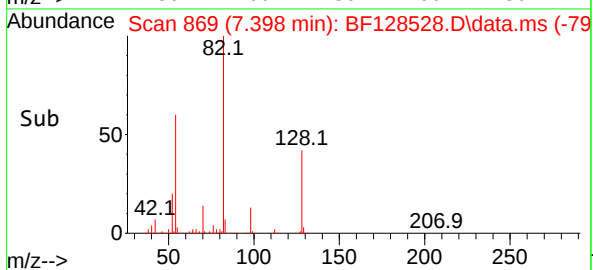
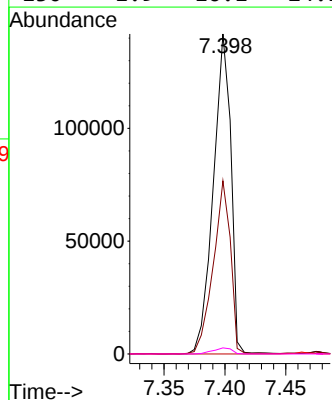
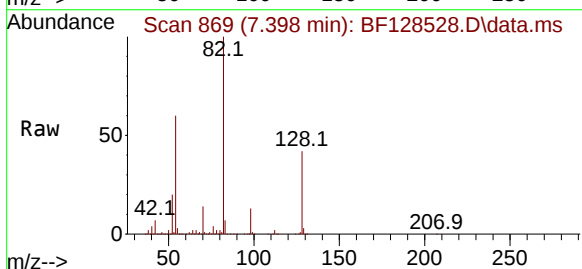
Instrument :
BNA_F
ClientSampleId :
P010-SS007-0006-01

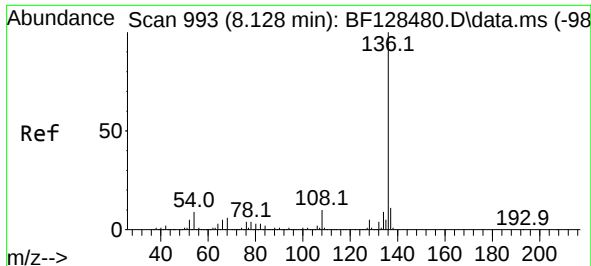
Tgt Ion: 99 Resp: 1568570
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 37.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.134 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

Tgt Ion: 70 Resp: 141869
Ion Ratio Lower Upper
70 100
42 54.1 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 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: BF128528.D

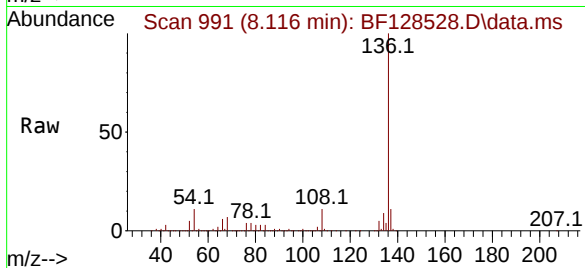
Acq: 28 May 2022 00:31

Instrument :

BNA_F

ClientSampleId :

P010-SS007-0006-01



Tgt Ion:136 Resp: 844971

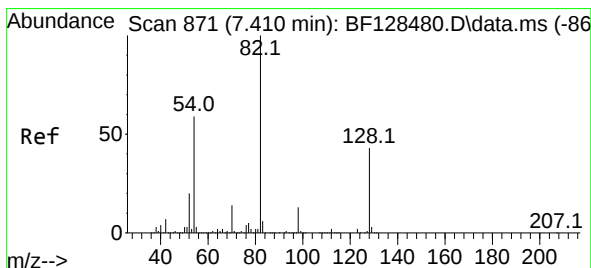
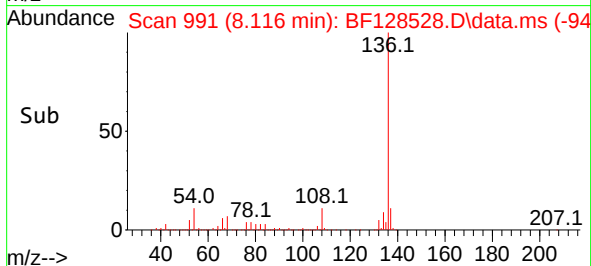
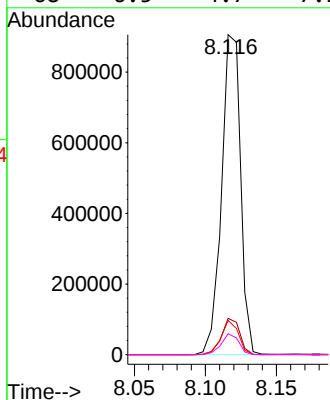
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 10.7 7.5 11.3

68 6.5 4.7 7.1



#23

Nitrobenzene-d5

Concen: 70.505 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128528.D

Acq: 28 May 2022 00:31

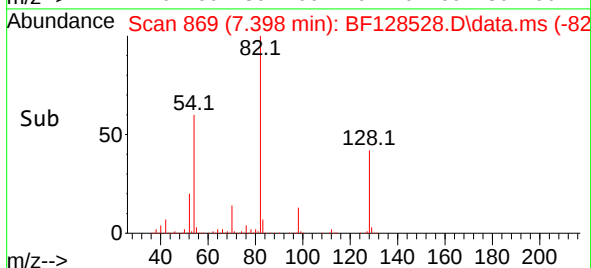
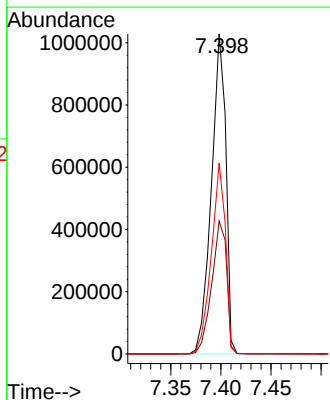
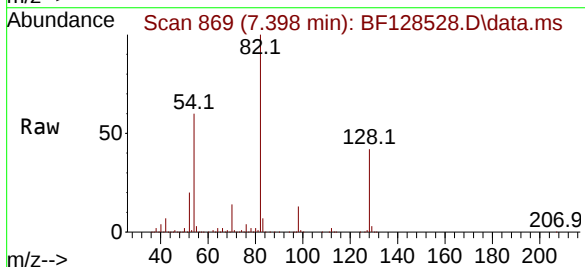
Tgt Ion: 82 Resp: 1032706

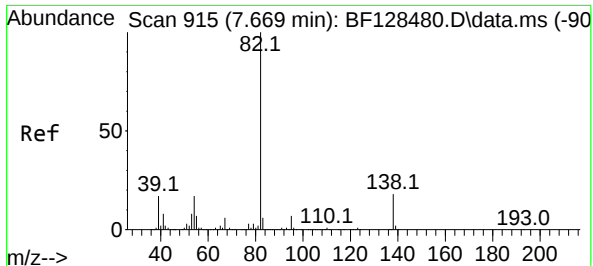
Ion Ratio Lower Upper

82 100

128 41.5 34.0 51.0

54 59.7 46.9 70.3

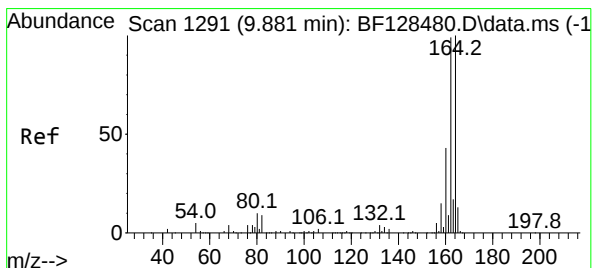
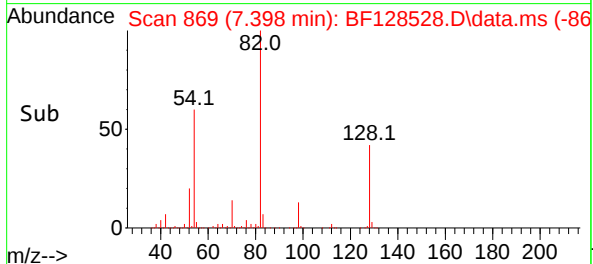
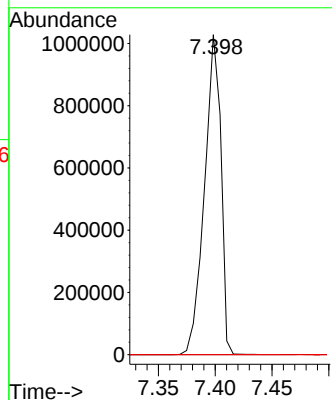
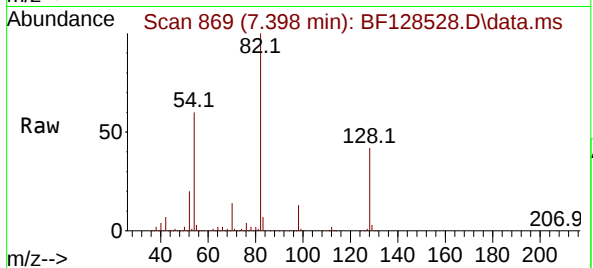




#25
Isophorone
Concen: 38.122 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

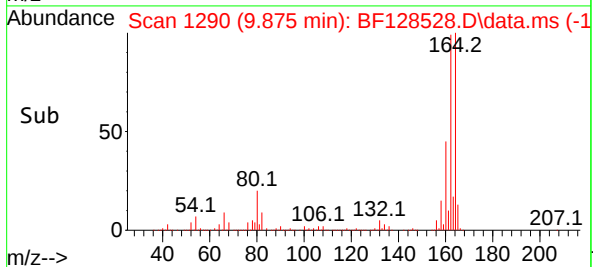
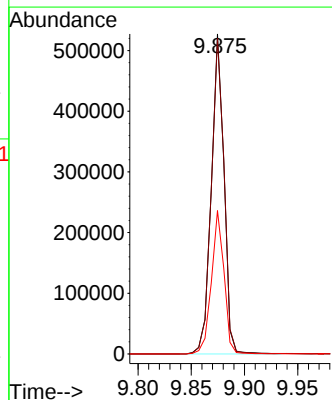
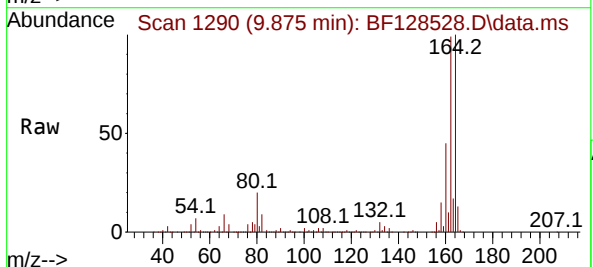
Instrument :
BNA_F
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P010-SS007-0006-01

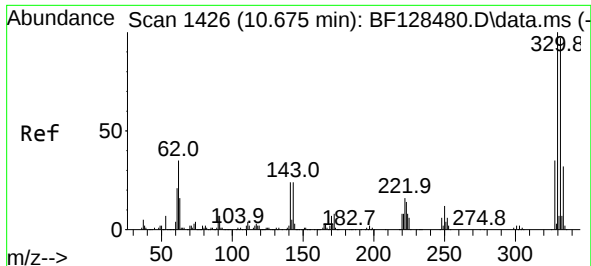
Tgt Ion: 82 Resp: 1030057
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

Tgt Ion:164 Resp: 437088
Ion Ratio Lower Upper
164 100
162 98.7 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 90.522 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128528.D

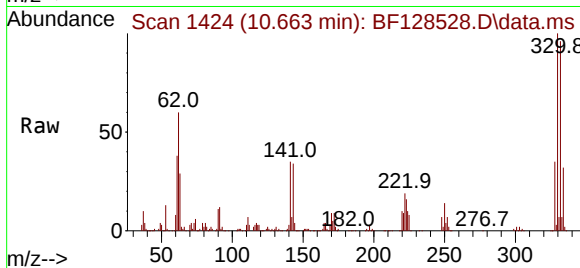
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Instrument :

BNA_F

ClientSampleId :

P010-SS007-0006-01



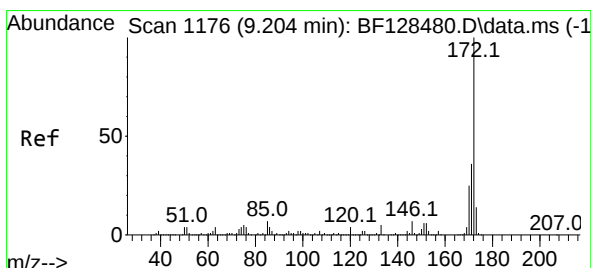
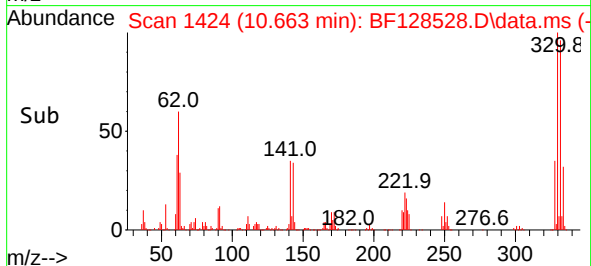
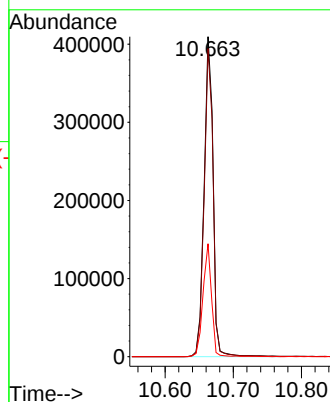
Tgt Ion:330 Resp: 376603

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 33.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 66.087 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128528.D

Acq: 28 May 2022 00:31

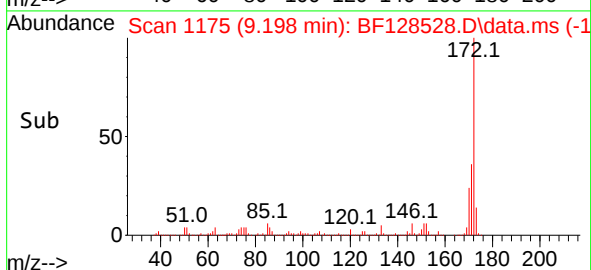
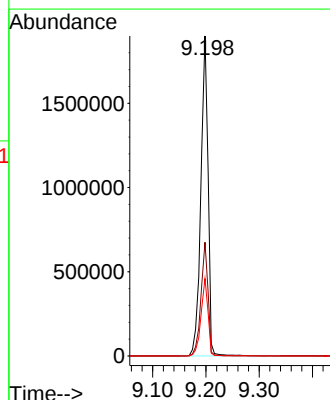
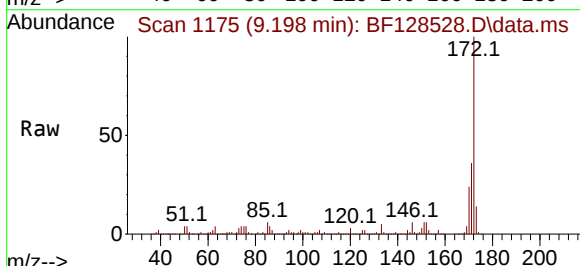
Tgt Ion:172 Resp: 1777978

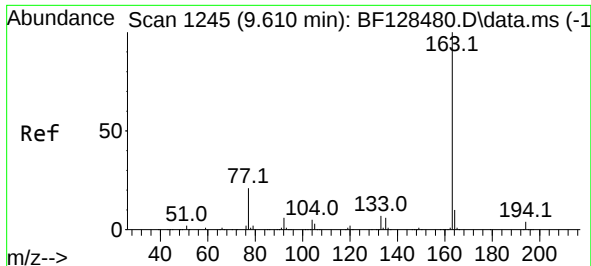
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.2 19.8 29.8

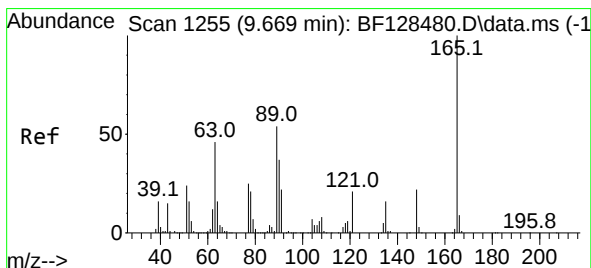
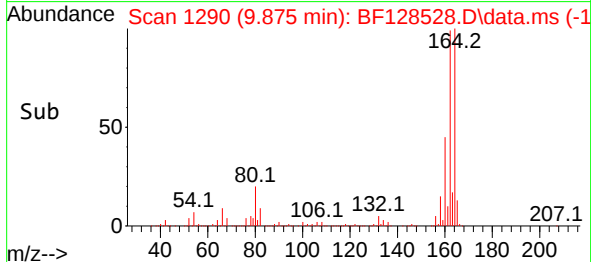
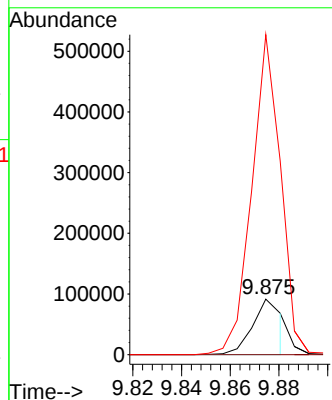
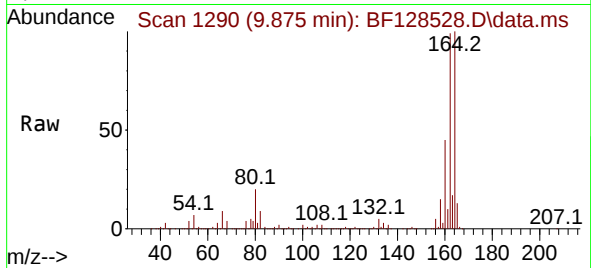




#50
Dimethylphthalate
Concen: 2.678 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

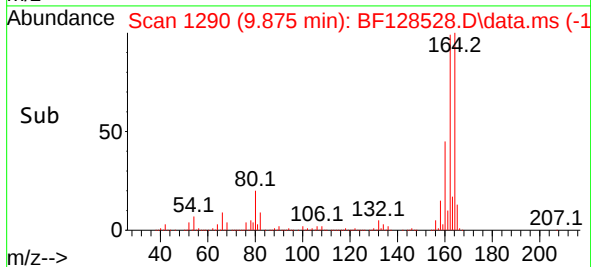
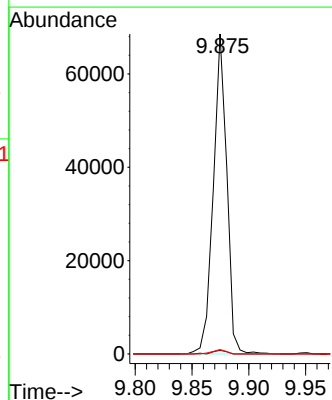
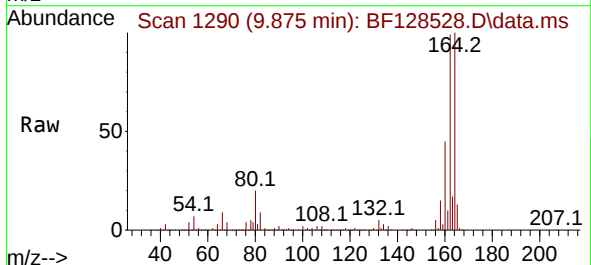
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P010-SS007-0006-01

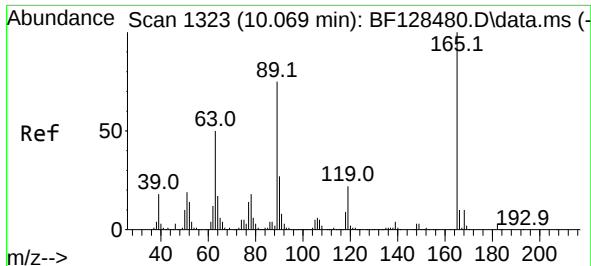
Tgt Ion:163 Resp: 75916
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 576.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.874 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

Tgt Ion:165 Resp: 56503
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.4 43.6 65.4#

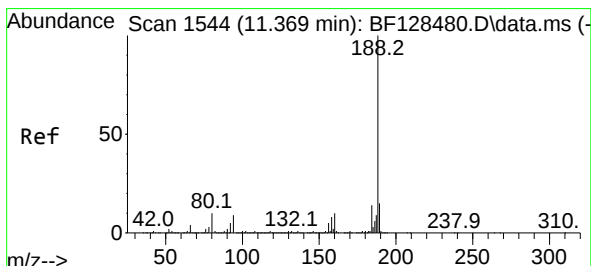
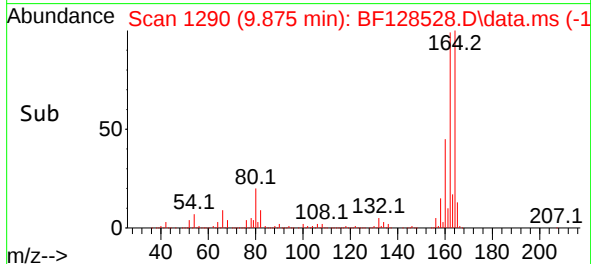
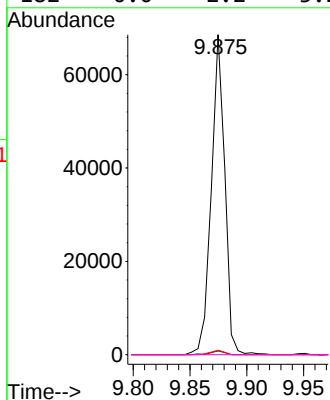
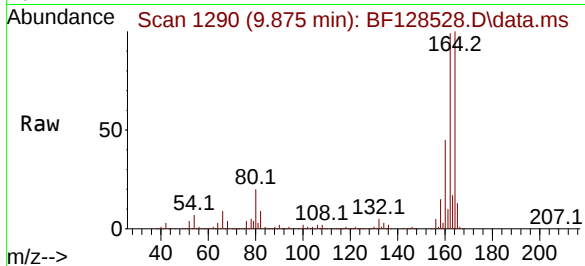




#57
2,4-Dinitrotoluene
Concen: 9.089 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

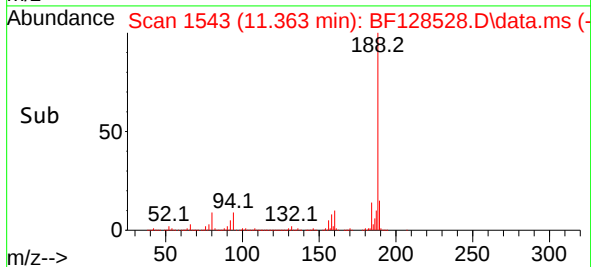
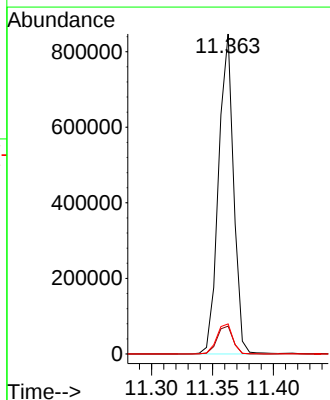
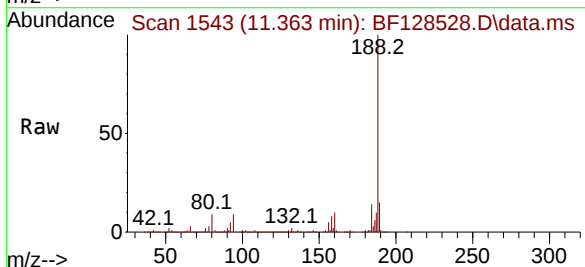
Instrument :
BNA_F
ClientSampleId :
P010-SS007-0006-01

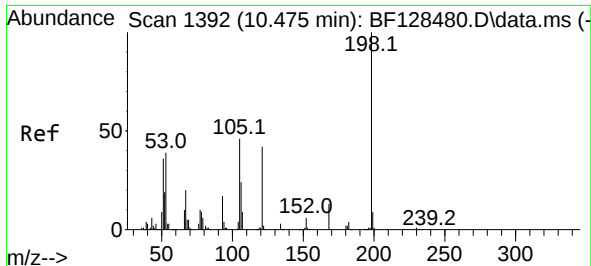
Tgt Ion:165 Resp: 56503
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

Tgt Ion:188 Resp: 729595
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.4 7.6 11.4

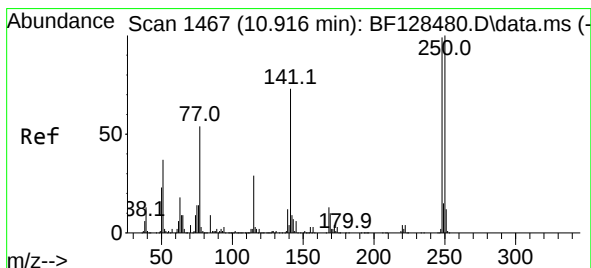
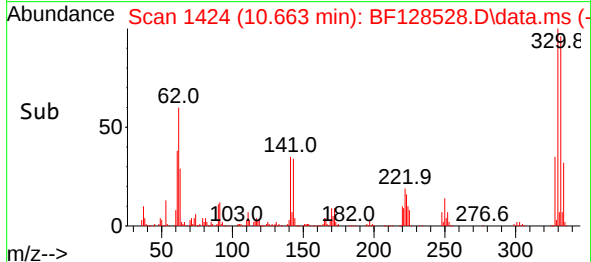
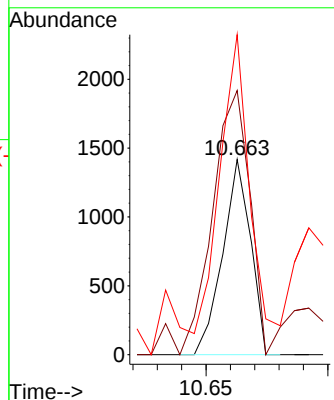
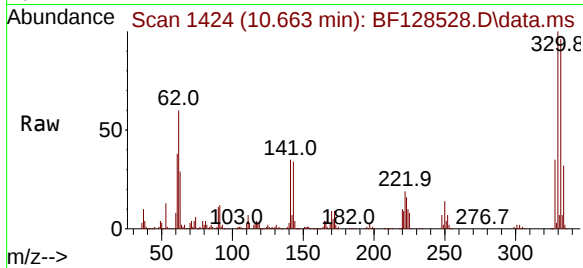




#65
4,6-Dinitro-2-methylphenol
Concen: 5.797 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

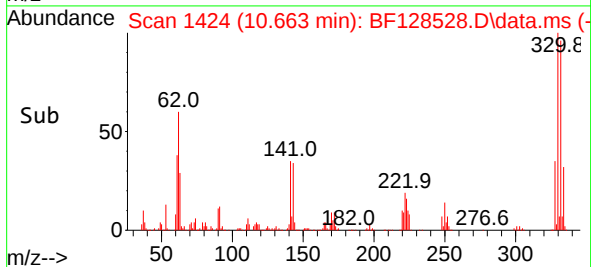
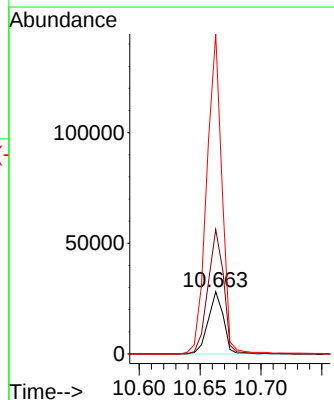
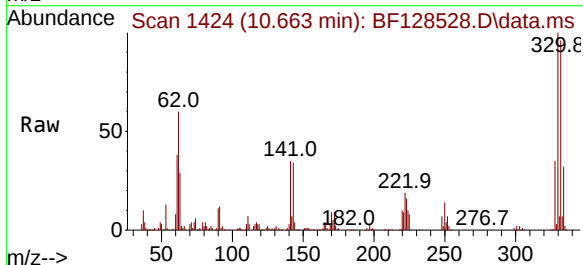
Instrument :
BNA_F
ClientSampleId :
P010-SS007-0006-01

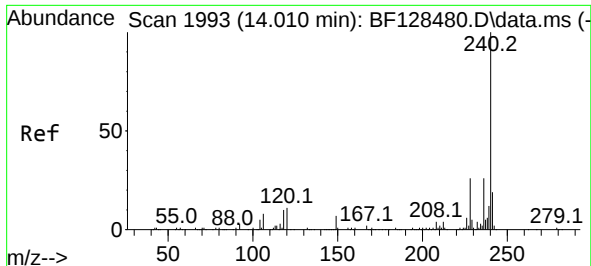
Tgt Ion:198 Resp: 1124
Ion Ratio Lower Upper
198 100
51 135.3 37.6 77.6#
105 163.9 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.265 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

Tgt Ion:248 Resp: 24613
Ion Ratio Lower Upper
248 100
250 199.9 80.6 120.8#
141 513.8 58.9 88.3#

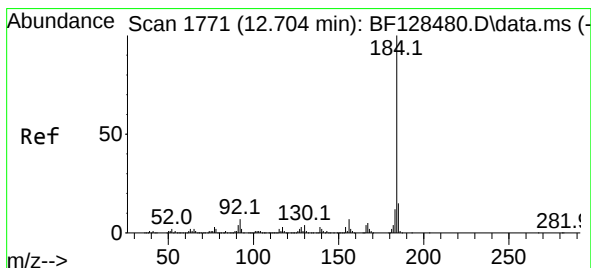
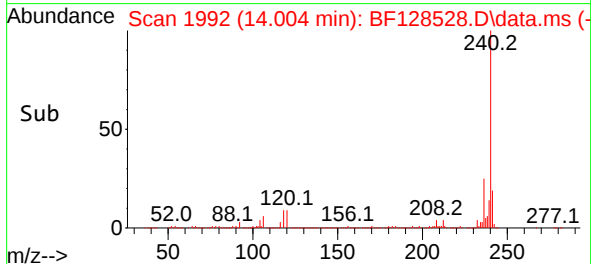
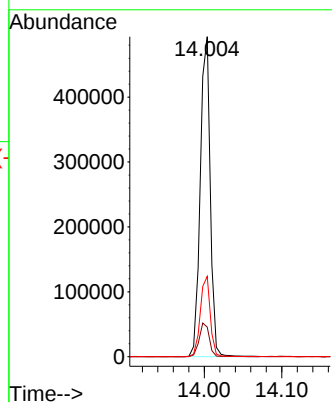
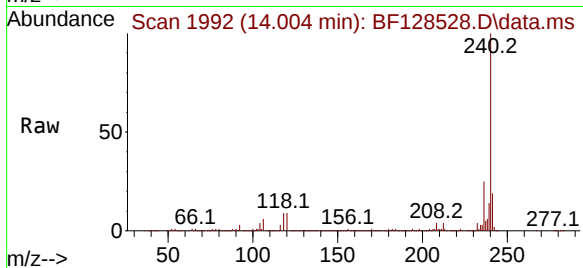




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

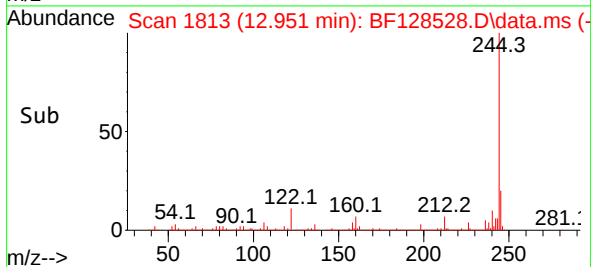
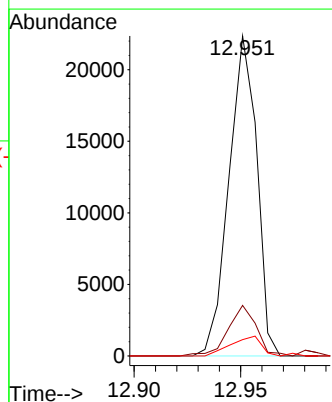
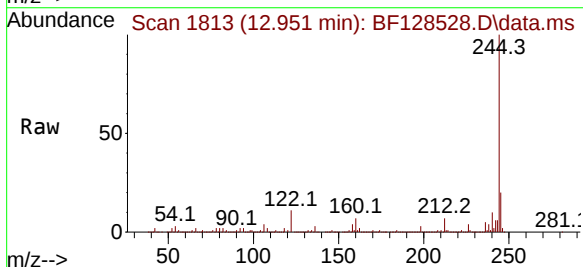
Instrument :
BNA_F
ClientSampleId :
P010-SS007-0006-01

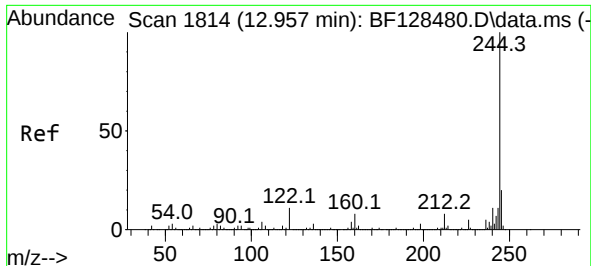
Tgt Ion:240 Resp: 440400
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 25.1 20.8 31.2



#77
Benidine
Concen: 2.006 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128528.D
Acq: 28 May 2022 00:31

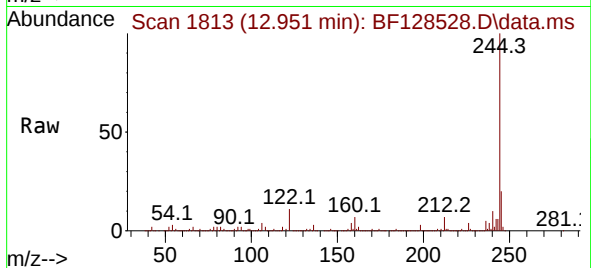
Tgt Ion:184 Resp: 20375
Ion Ratio Lower Upper
184 100
185 15.8 11.9 17.9
183 5.1 9.3 13.9#



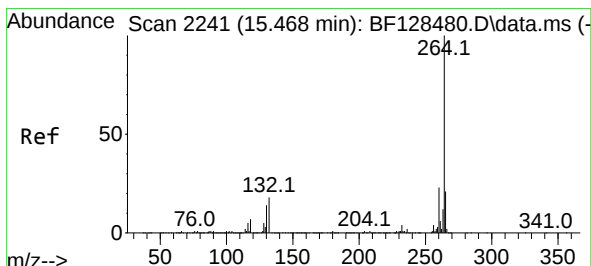
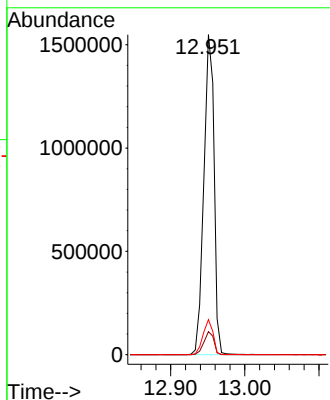
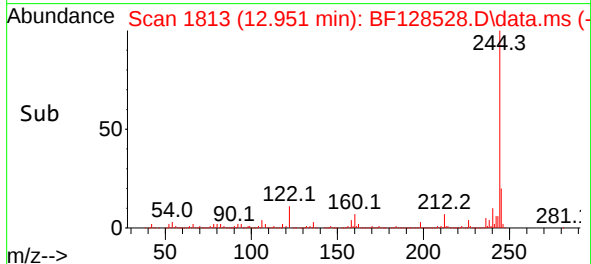


#79
 Terphenyl-d14
 Concen: 65.392 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF128528.D
 Acq: 28 May 2022 00:31

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS007-0006-01



Tgt Ion:244 Resp: 1490637
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF128528.D
 Acq: 28 May 2022 00:31

Tgt Ion:264 Resp: 416198
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.2 17.2 25.8

