

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128520.D
 Acq On : 27 May 2022 20:27
 Operator : CG\JU
 Sample : N2924-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS004-0006-01

Quant Time: May 27 23:19:42 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)

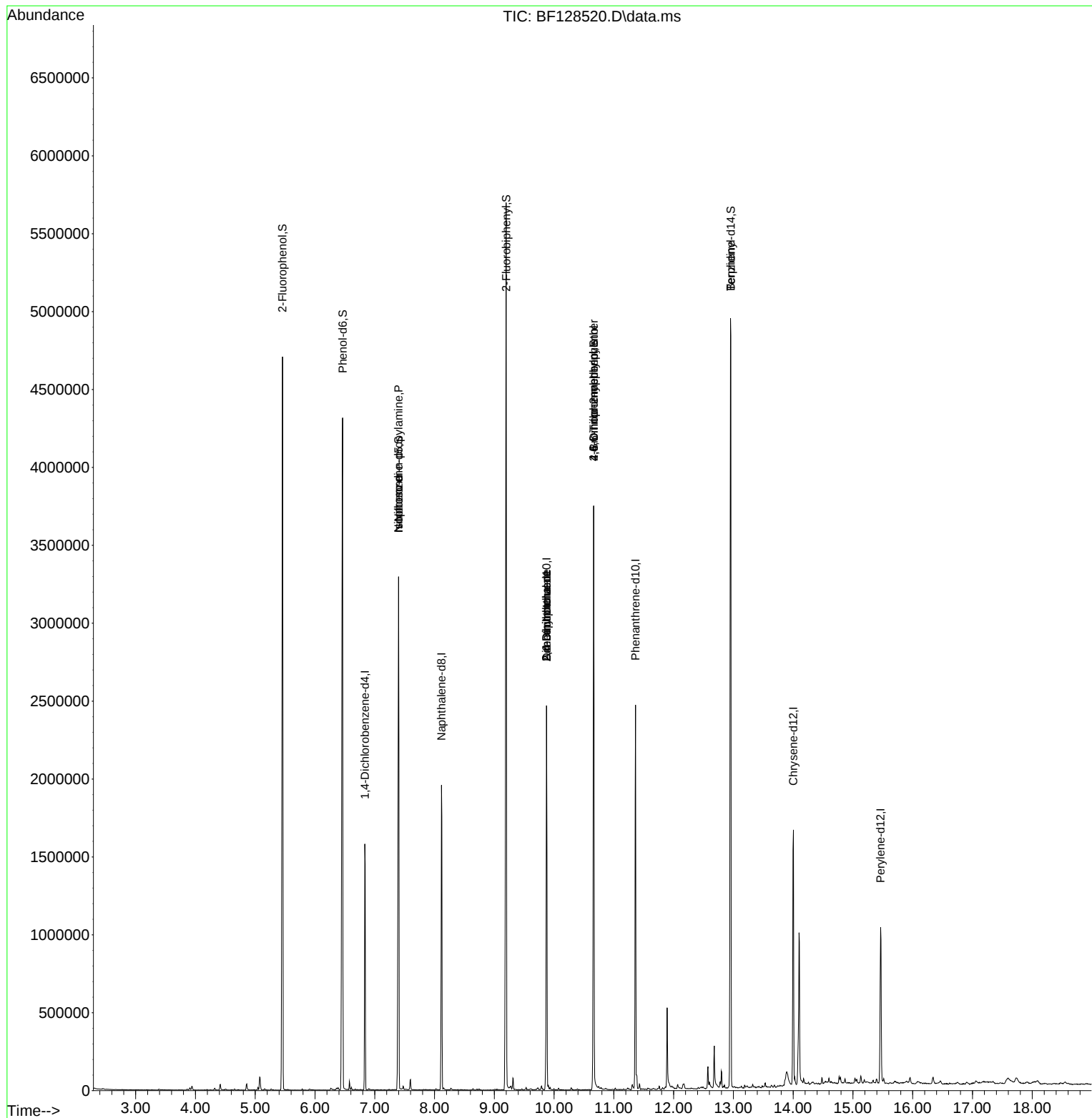
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	237050	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	909788	20.000	ng	-0.01
39) Acenaphthene-d10	9.874	164	496511	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	869799	20.000	ng	0.00
76) Chrysene-d12	14.004	240	570663	20.000	ng	0.00
86) Perylene-d12	15.462	264	462137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1339080	93.569	ng	0.00
7) Phenol-d6	6.463	99	1725044	94.538	ng	0.00
23) Nitrobenzene-d5	7.398	82	1173397	74.403	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	465278	98.452	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1994567	65.265	ng	0.00
79) Terphenyl-d14	12.957	244	1914702	64.822	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.386	77	1503	Below Cal		90
19) n-Nitroso-di-n-propyla...	7.398	70	159382	14.246 ng	#	79
25) Isophorone	7.398	82	1170345	40.228 ng	#	65
50) Dimethylphthalate	9.874	163	86202	2.677 ng	#	1
51) 2,6-Dinitrotoluene	9.874	165	63869	10.821 ng	#	25
57) 2,4-Dinitrotoluene	9.874	165	63869	9.044 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.663	198	1102	5.745 ng	#	1
67) 4-Bromophenyl-phenylether	10.663	248	30066	3.346 ng	#	1
77) Benzidine	12.957	184	26725	2.030 ng	#	94

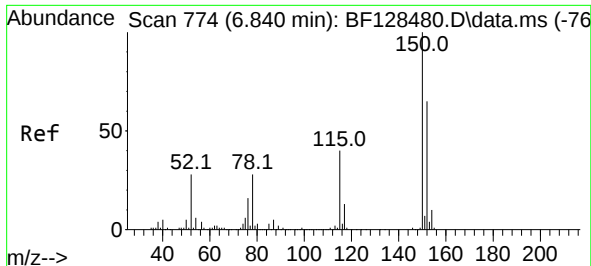
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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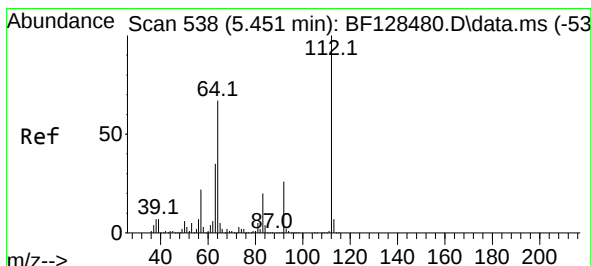
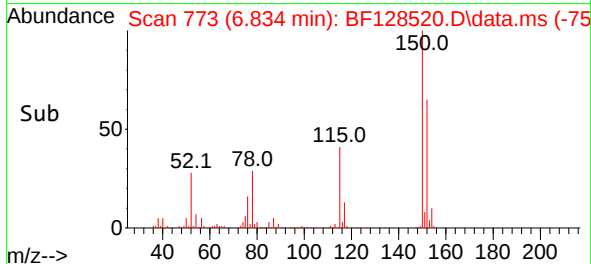
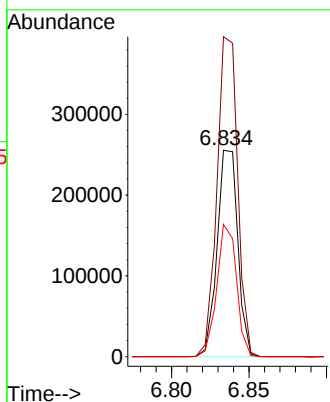
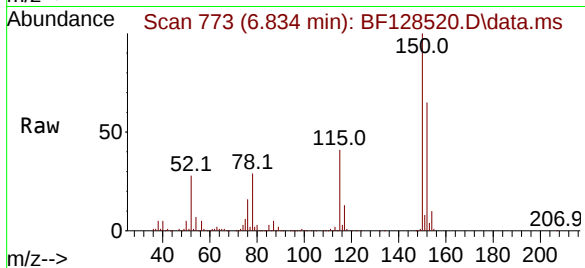




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

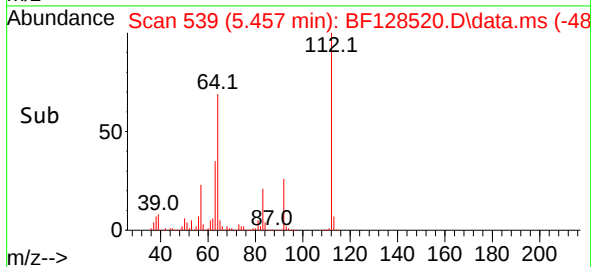
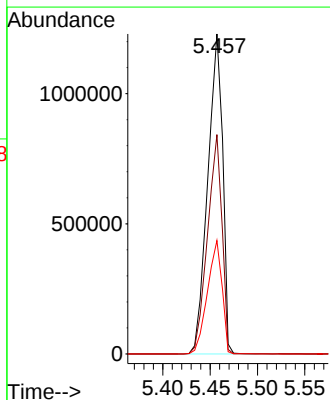
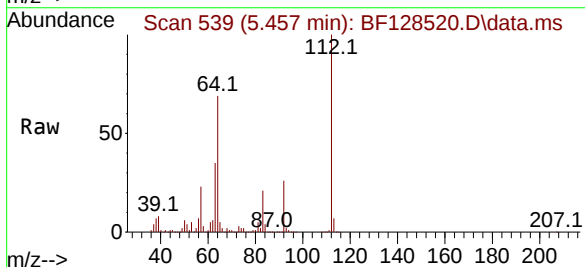
Instrument :
BNA_F
ClientSampleId :
P010-SS004-0006-01

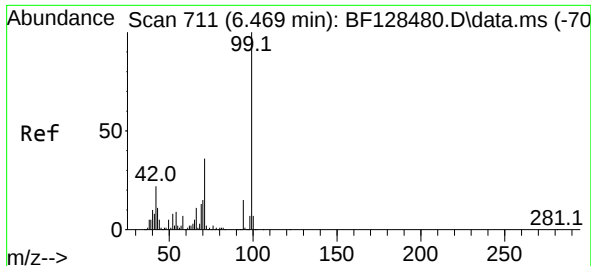
Tgt Ion:152 Resp: 237050
Ion Ratio Lower Upper
152 100
150 155.0 123.7 185.5
115 64.1 49.9 74.9



#5
2-Fluorophenol
Concen: 93.569 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

Tgt Ion:112 Resp: 1339080
Ion Ratio Lower Upper
112 100
64 68.5 53.3 79.9
63 35.5 28.0 42.0

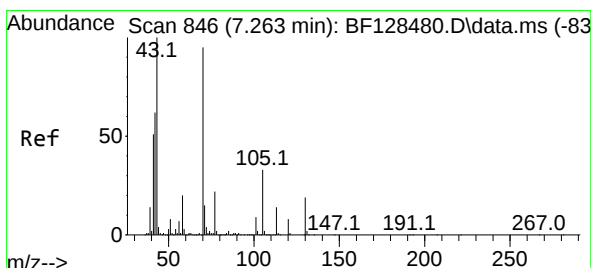
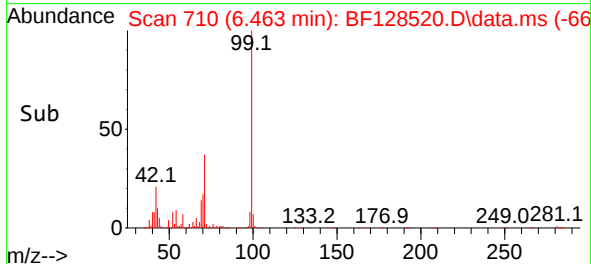
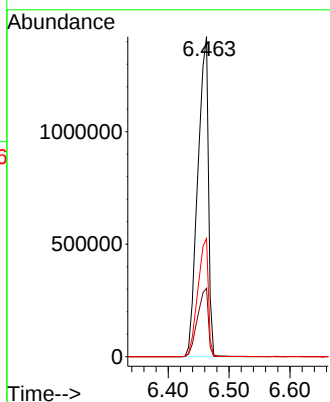
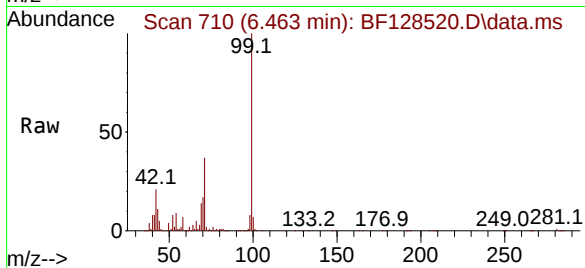




#7
Phenol-d6
Concen: 94.538 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

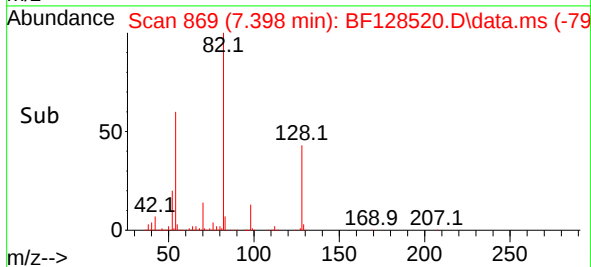
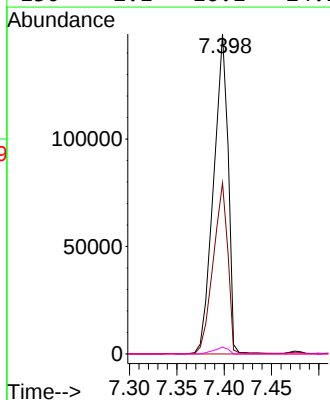
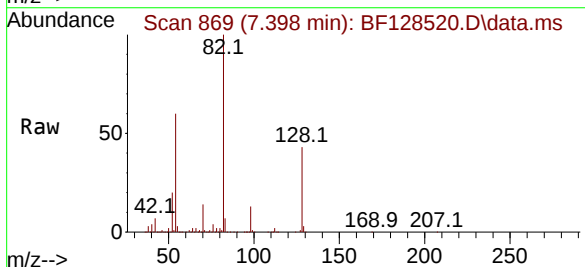
Instrument :
BNA_F
ClientSampleId :
P010-SS004-0006-01

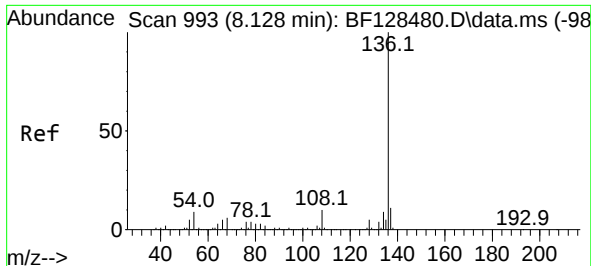
Tgt Ion: 99 Resp: 1725044
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 36.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.246 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

Tgt Ion: 70 Resp: 159382
Ion Ratio Lower Upper
70 100
42 53.5 52.3 78.5
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



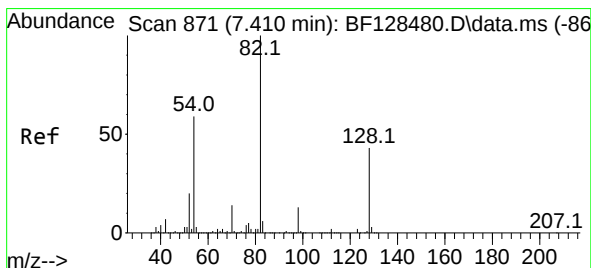
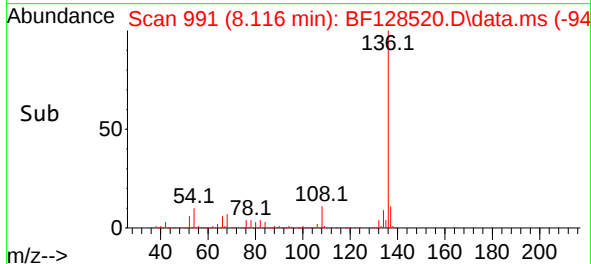
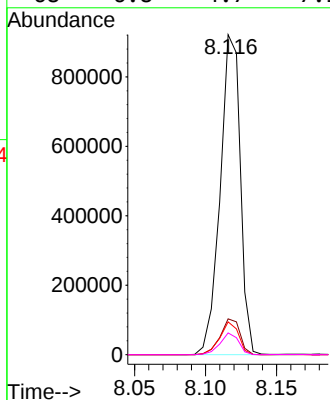
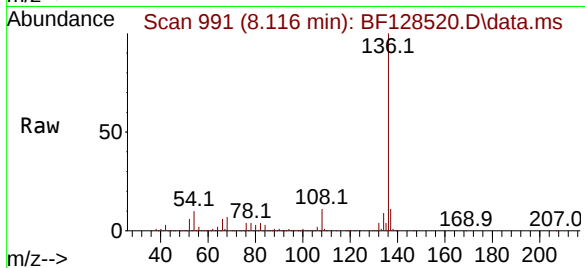


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

Instrument :
BNA_F
ClientSampleId :
P010-SS004-0006-01

Tgt Ion:136 Resp: 909788

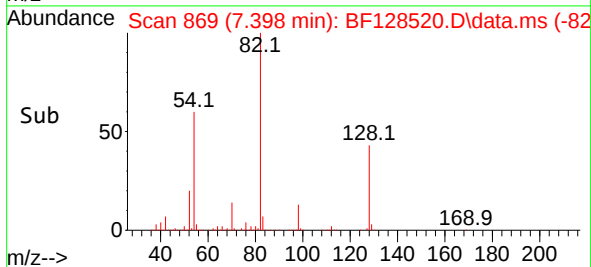
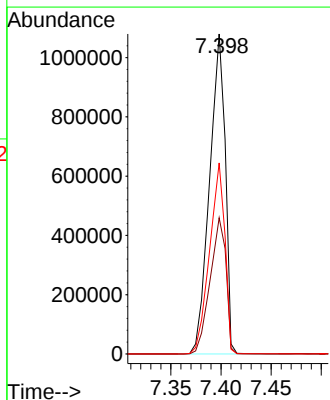
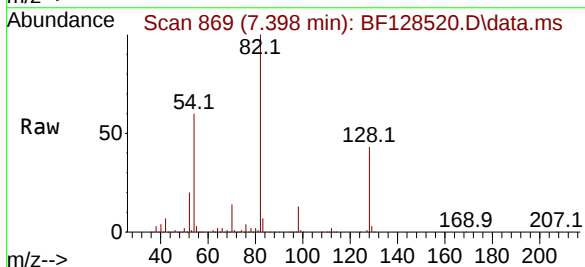
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.2	7.5	11.3
68	6.8	4.7	7.1

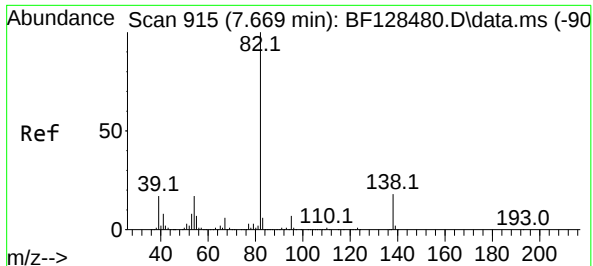


#23
Nitrobenzene-d5
Concen: 74.403 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

Tgt Ion: 82 Resp: 1173397

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	59.7	46.9	70.3

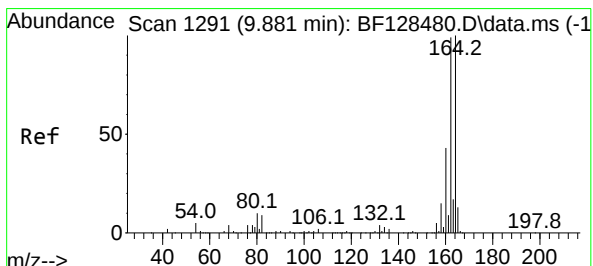
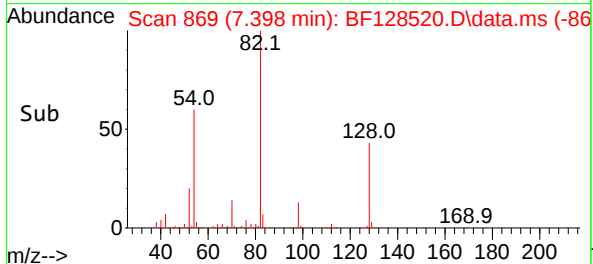
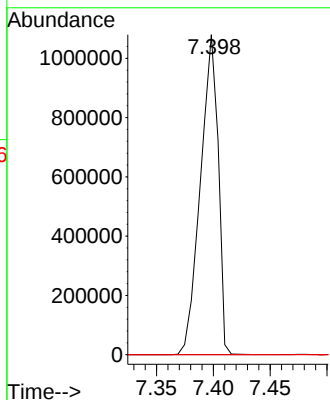
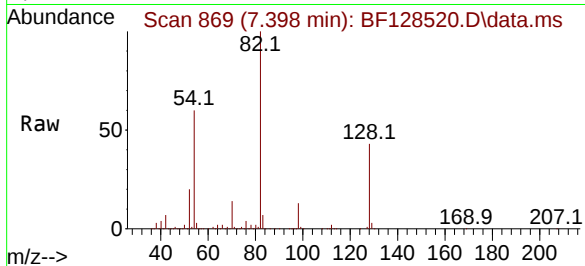




#25
Isophorone
Concen: 40.228 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

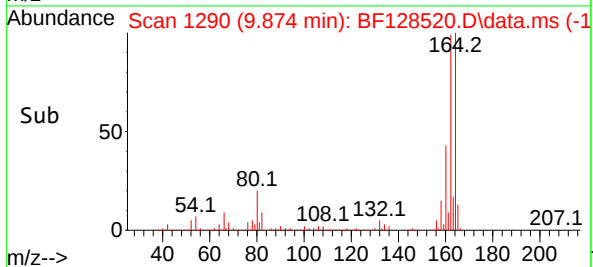
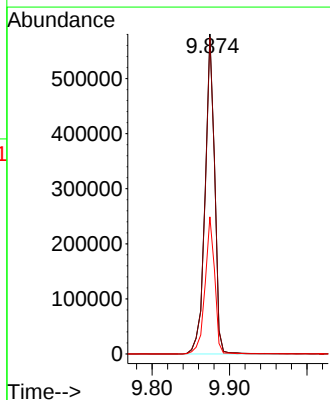
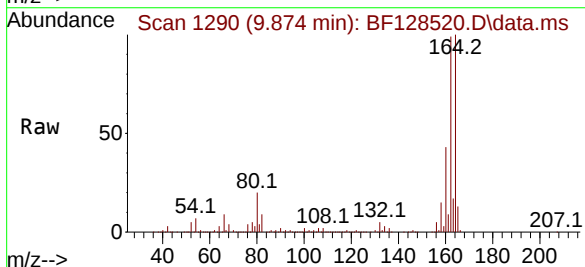
Instrument :
BNA_F
ClientSampleId :
P010-SS004-0006-01

Tgt Ion: 82 Resp: 1170345
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: BF128520.D
Acq: 27 May 2022 20:27

Tgt Ion:164 Resp: 496511
Ion Ratio Lower Upper
164 100
162 99.0 79.5 119.3
160 42.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.452 ng

RT: 10.663 min Scan# 1426

Delta R.T. -0.012 min

Lab File: BF128520.D

Acq: 27 May 2022 20:27

Instrument :

BNA_F

ClientSampleId :

P010-SS004-0006-01

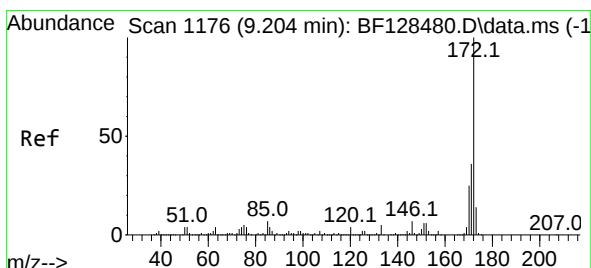
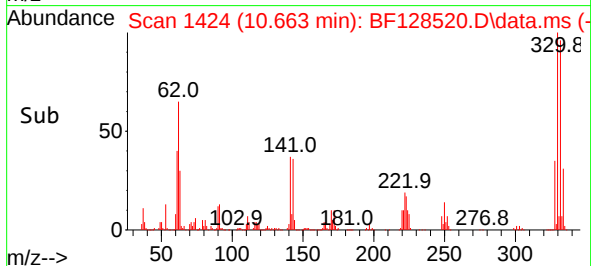
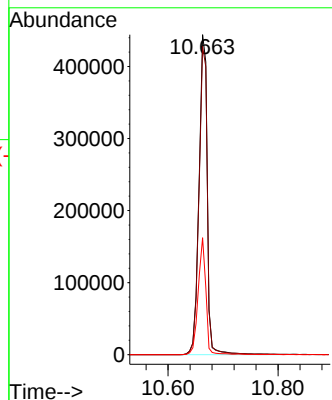
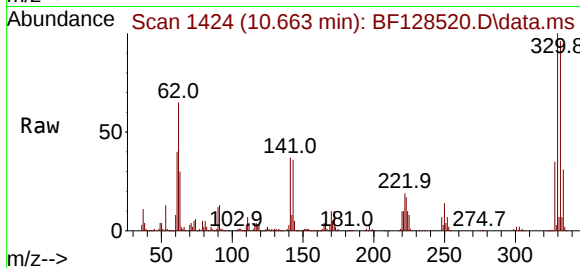
Tgt Ion:330 Resp: 465278

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 34.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 65.265 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128520.D

Acq: 27 May 2022 20:27

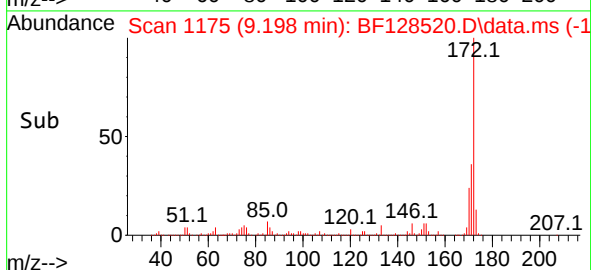
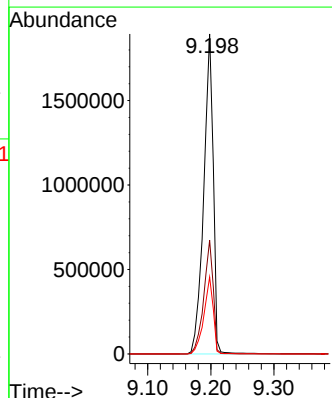
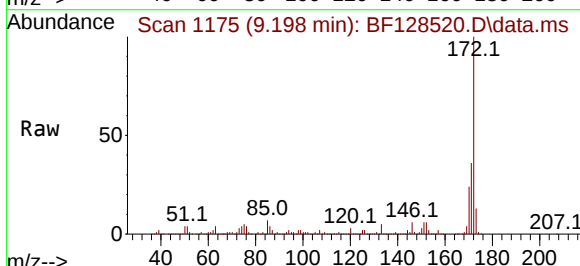
Tgt Ion:172 Resp: 1994567

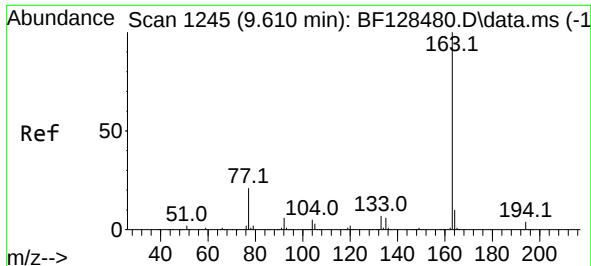
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.1 19.8 29.8

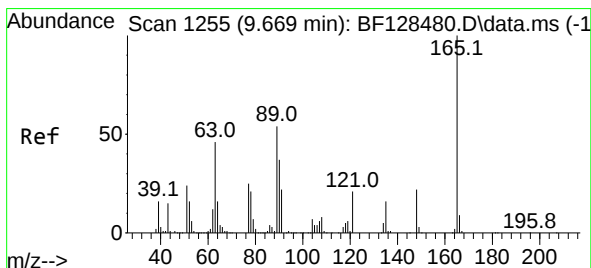
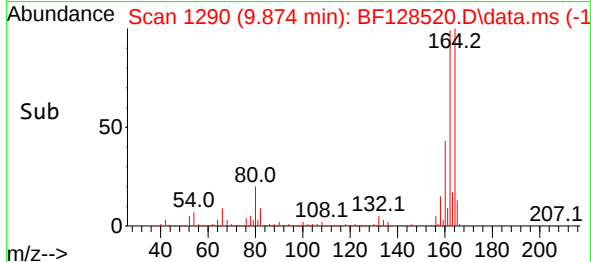
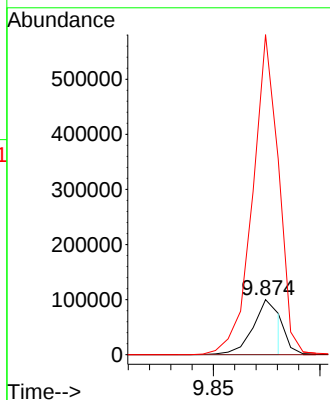
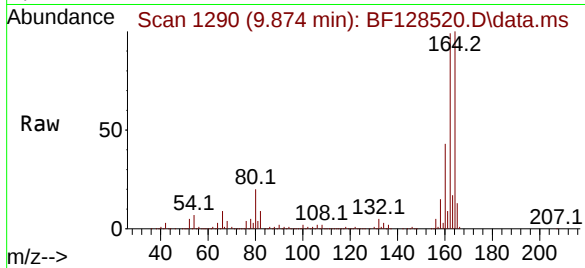




#50
Dimethylphthalate
Concen: 2.677 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.264 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

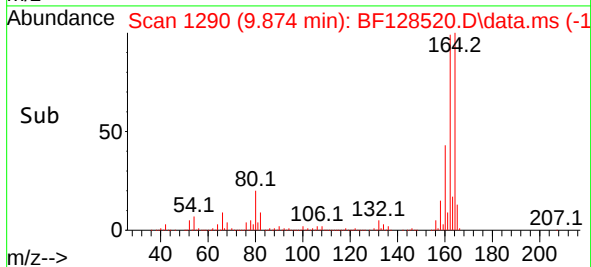
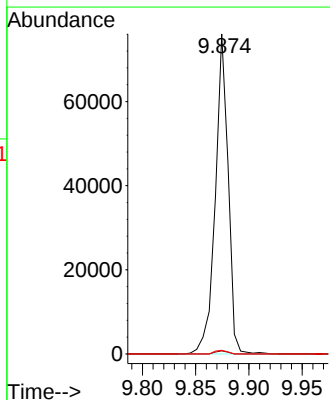
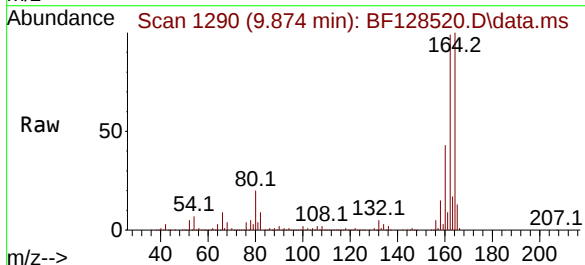
Instrument :
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P010-SS004-0006-01

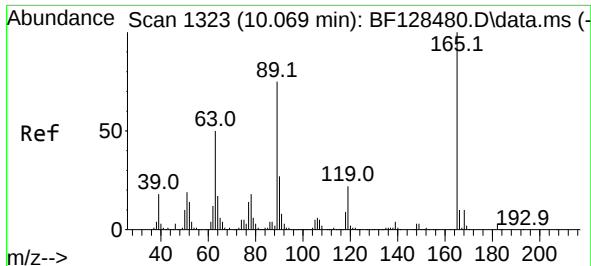
Tgt Ion:163 Resp: 86202
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 581.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.821 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

Tgt Ion:165 Resp: 63869
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.1 43.6 65.4#

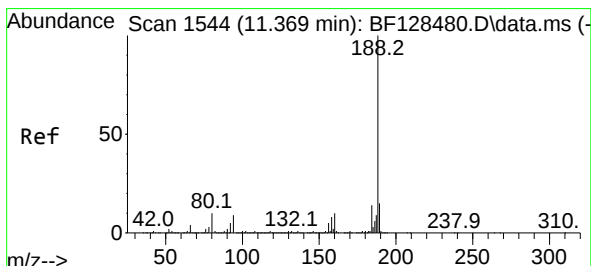
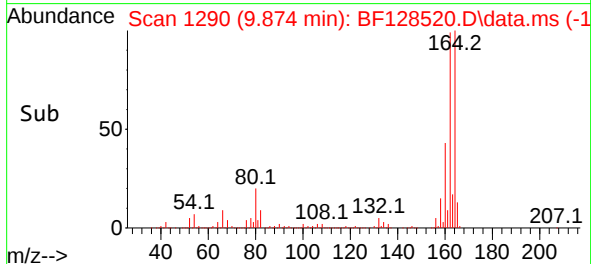
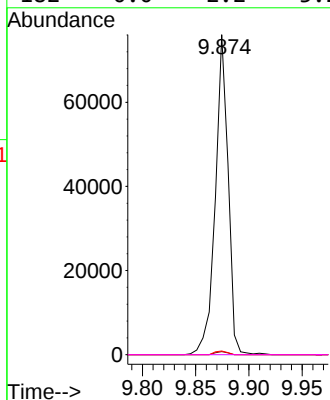
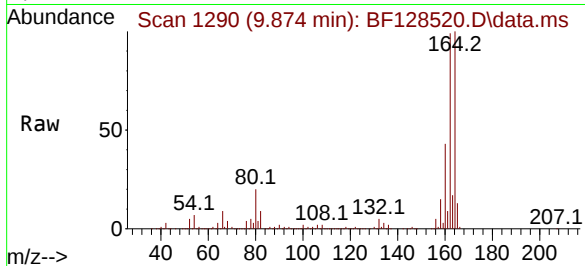




#57
2,4-Dinitrotoluene
Concen: 9.044 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

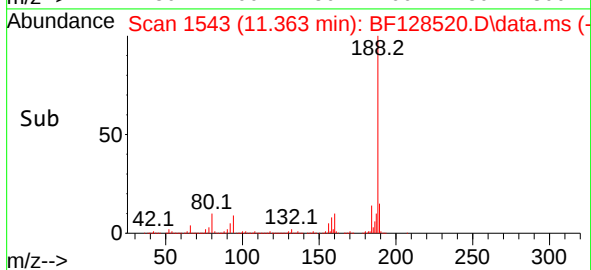
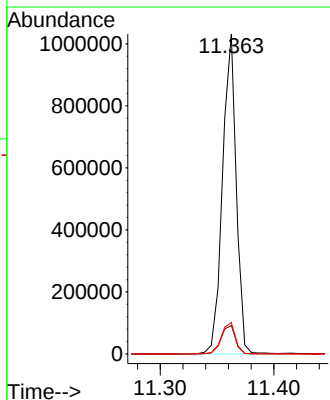
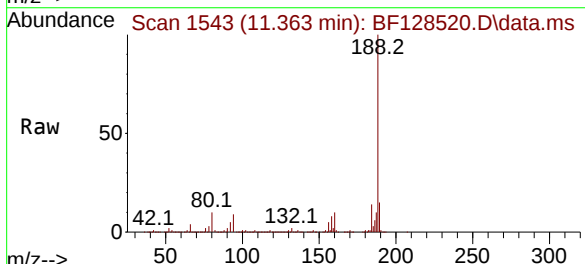
Instrument :
BNA_F
ClientSampleId :
P010-SS004-0006-01

Tgt Ion:165 Resp: 63869
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.1 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: BF128520.D
Acq: 27 May 2022 20:27

Tgt Ion:188 Resp: 869799
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.8 7.6 11.4

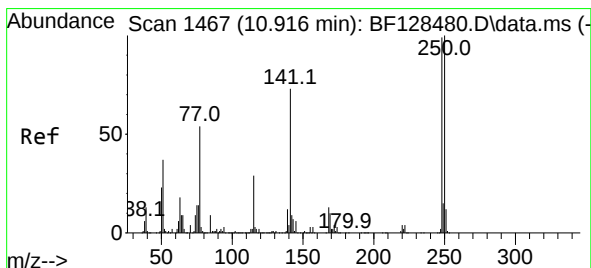
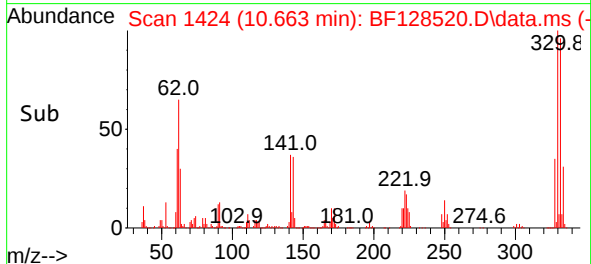
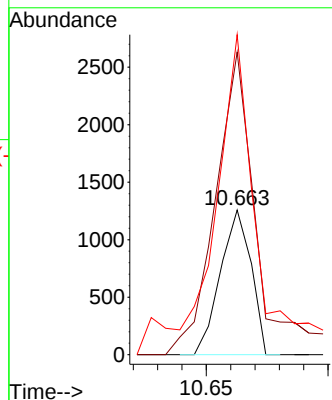
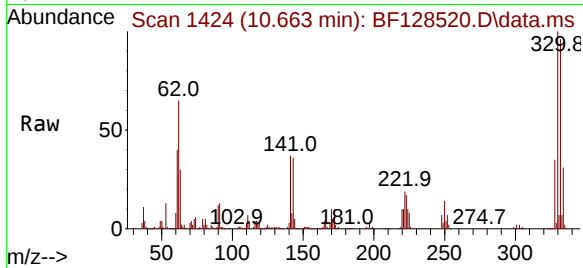




#65
4,6-Dinitro-2-methylphenol
Concen: 5.745 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

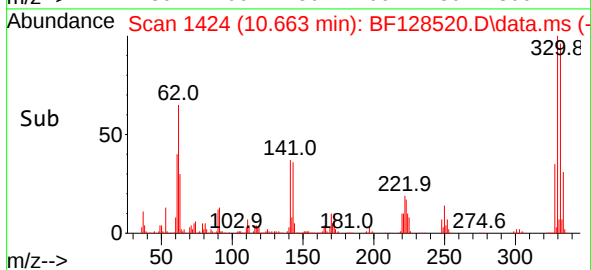
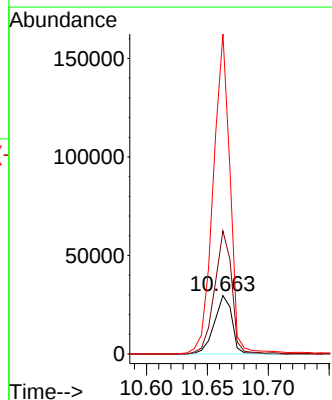
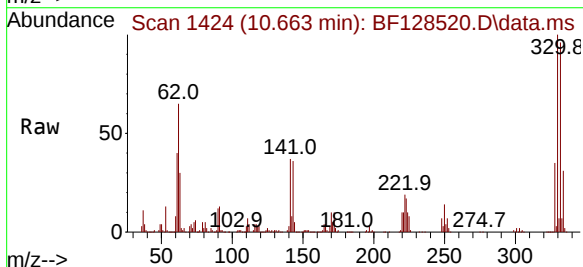
Instrument :
BNA_F
ClientSampleId :
P010-SS004-0006-01

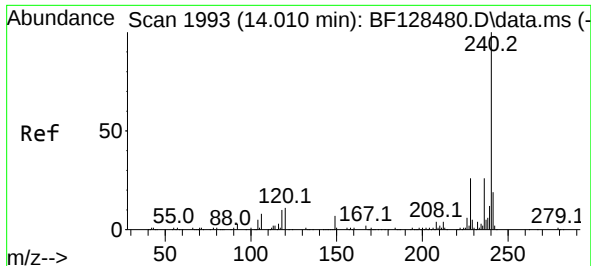
Tgt Ion:198 Resp: 1102
Ion Ratio Lower Upper
198 100
51 209.1 37.6 77.6#
105 221.2 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.346 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

Tgt Ion:248 Resp: 30066
Ion Ratio Lower Upper
248 100
250 210.7 80.6 120.8#
141 547.9 58.9 88.3#

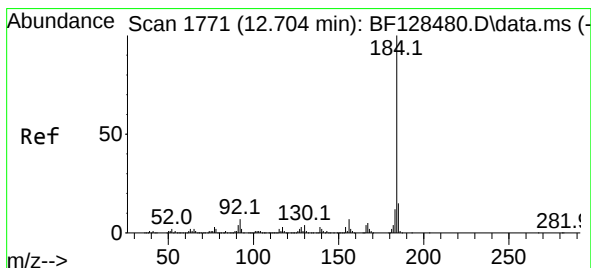
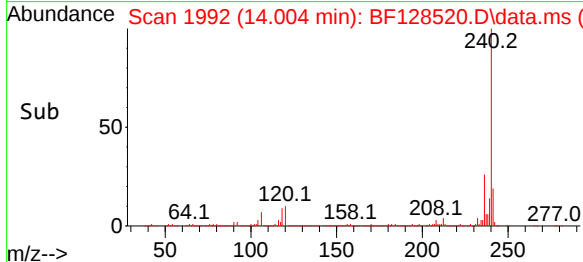
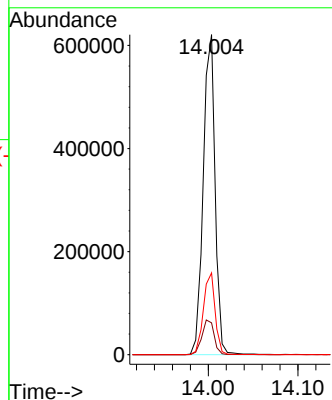
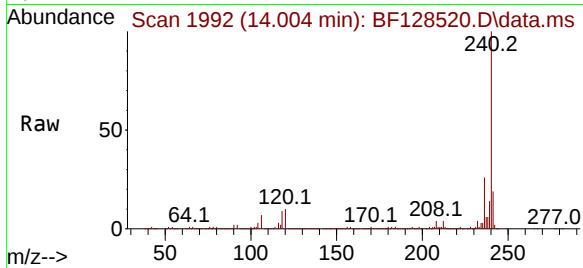




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

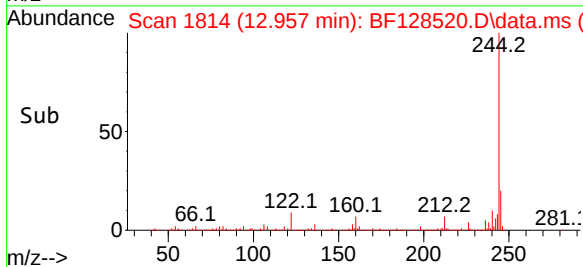
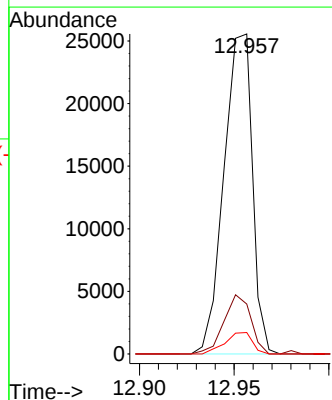
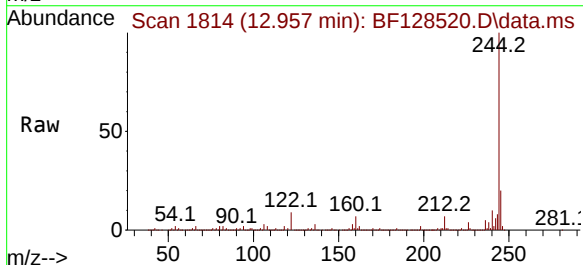
Instrument :
BNA_F
ClientSampleId :
P010-SS004-0006-01

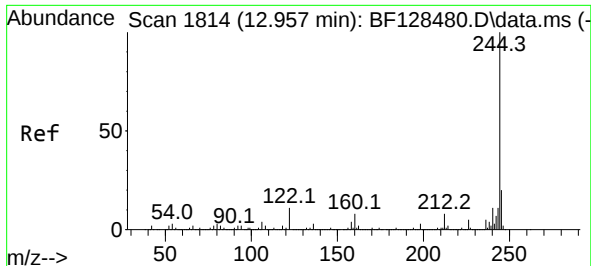
Tgt Ion:240 Resp: 570663
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.5 20.8 31.2



#77
Benzidine
Concen: 2.030 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128520.D
Acq: 27 May 2022 20:27

Tgt Ion:184 Resp: 26725
Ion Ratio Lower Upper
184 100
185 15.6 11.9 17.9
183 6.7 9.3 13.9#

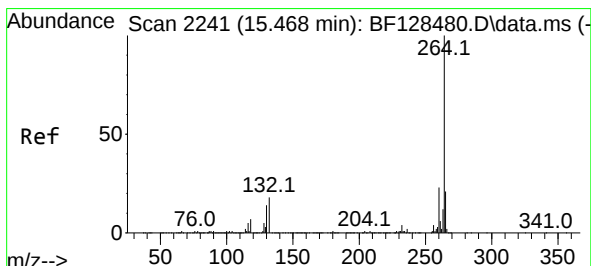
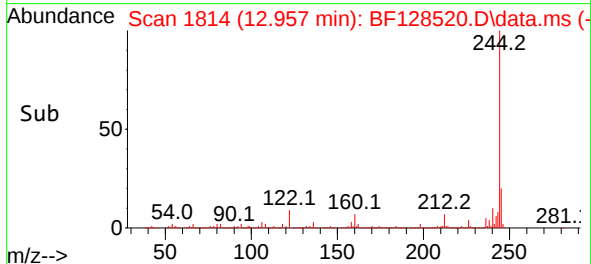
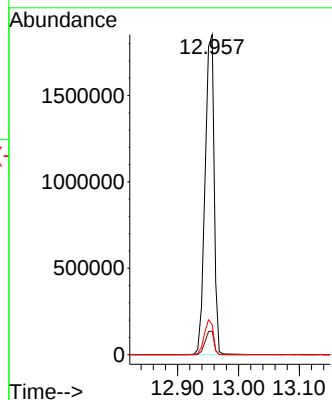
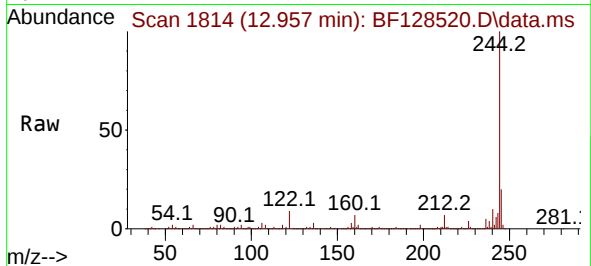




#79
 Terphenyl-d14
 Concen: 64.822 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128520.D
 Acq: 27 May 2022 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS004-0006-01

Tgt Ion:244 Resp: 1914702
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 9.4 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: BF128520.D
 Acq: 27 May 2022 20:27

Tgt Ion:264 Resp: 462137
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 20.7 17.2 25.8

