

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128544.D
 Acq On : 28 May 2022 13:03
 Operator : CG\JU
 Sample : N2931-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-2430-01

Quant Time: May 28 22:41:59 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)

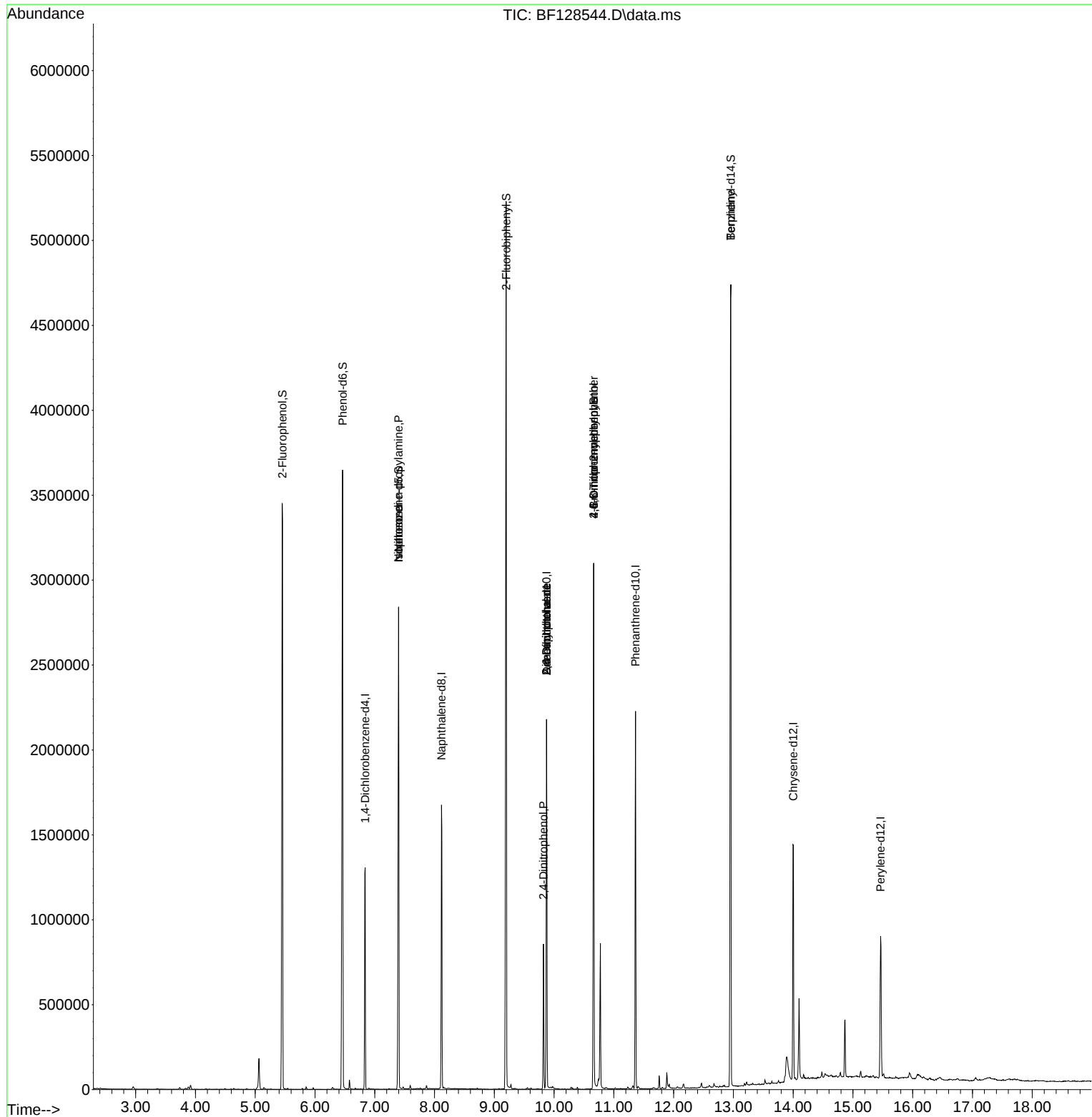
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	192185	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	756404	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	422534	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	775481	20.000	ng	0.00
76) Chrysene-d12	14.004	240	506243	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	402005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1001581	86.324	ng	0.00
7) Phenol-d6	6.463	99	1328224	89.784	ng	0.00
23) Nitrobenzene-d5	7.398	82	923246	70.413	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	353343	87.857	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1698813	65.319	ng	0.00
79) Terphenyl-d14	12.957	244	1799463	68.672	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	139	Below Cal	#	38
19) n-Nitroso-di-n-propyla...	7.398	70	126572	13.954	ng	# 78
25) Isophorone	7.398	82	921366	38.092	ng	# 65
50) Dimethylphthalate	9.875	163	73929	2.697	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	54357	10.821	ng	# 25
54) 2,4-Dinitrophenol	9.822	184	162	6.877	ng	# 1
57) 2,4-Dinitrotoluene	9.875	165	54357	9.045	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	957	5.738	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	22846	2.851	ng	# 1
77) Benzidine	12.957	184	25368	2.173	ng	# 91

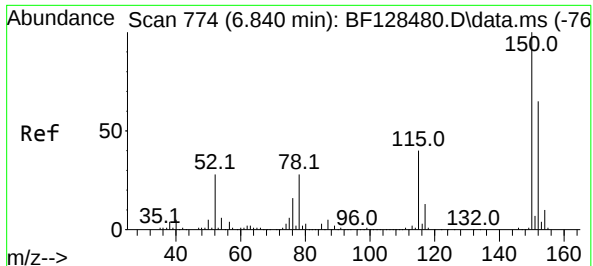
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
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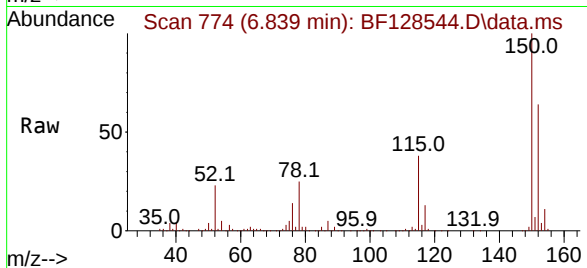
Quant Time: May 28 22:41:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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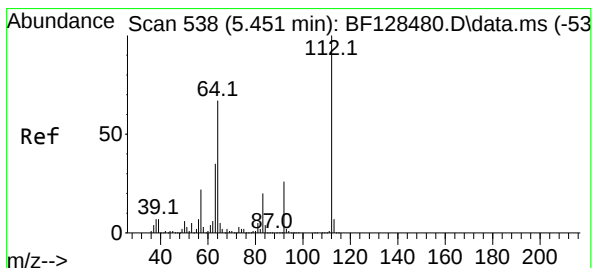
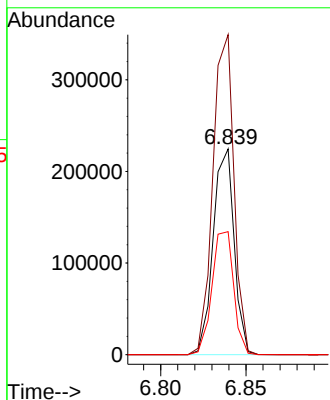
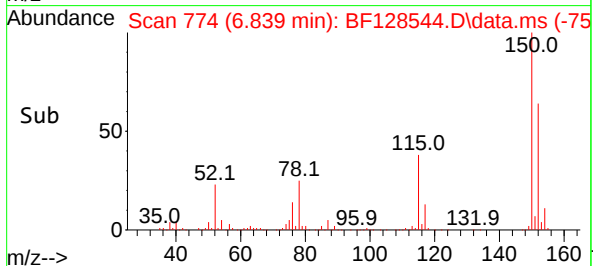


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01

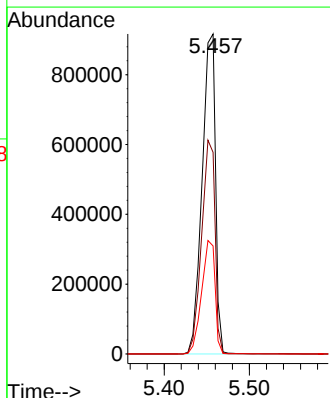
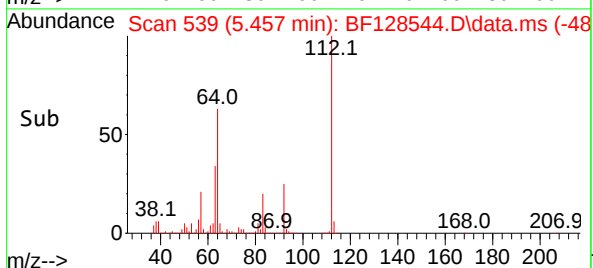
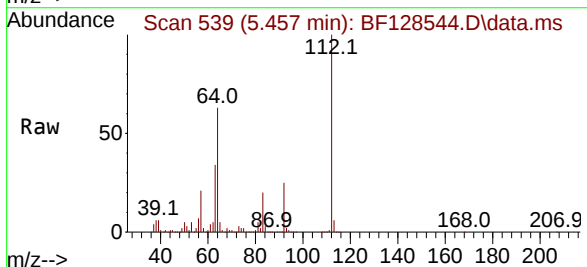


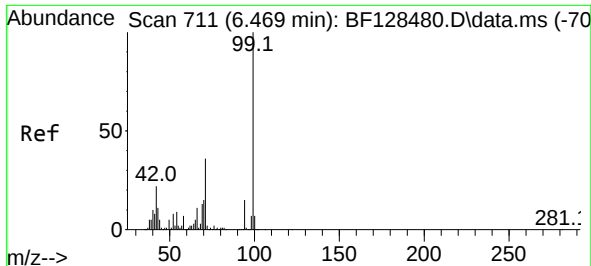
Tgt Ion:152 Resp: 192185
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 59.8 49.9 74.9



#5
2-Fluorophenol
Concen: 86.324 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

Tgt Ion:112 Resp: 1001581
Ion Ratio Lower Upper
112 100
64 63.0 53.3 79.9
63 33.8 28.0 42.0

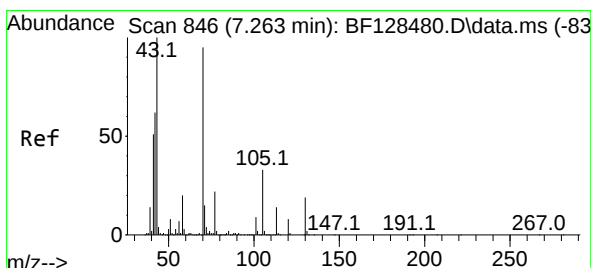
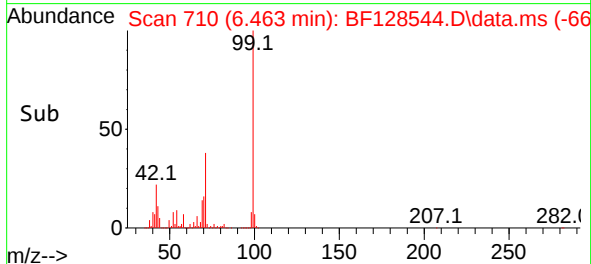
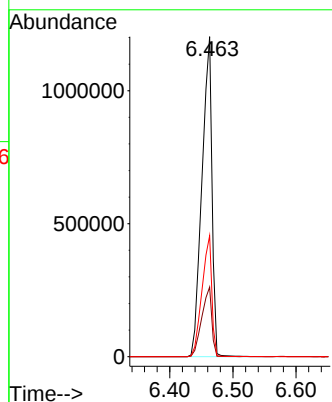
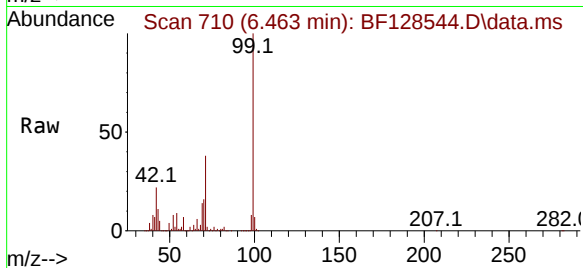




#7
Phenol-d6
Concen: 89.784 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

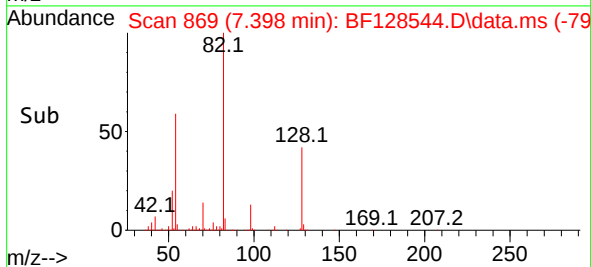
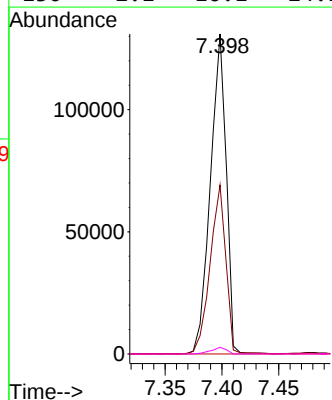
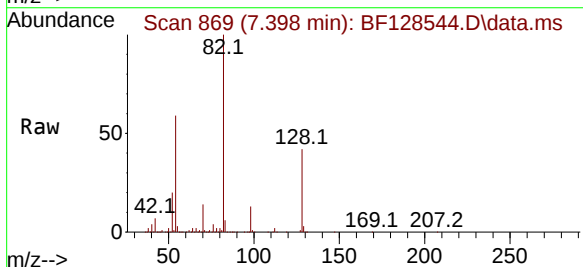
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01

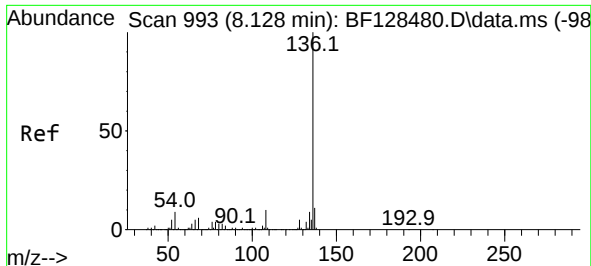
Tgt Ion: 99 Resp: 1328224
Ion Ratio Lower Upper
99 100
42 21.8 17.3 25.9
71 37.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.954 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

Tgt Ion: 70 Resp: 126572
Ion Ratio Lower Upper
70 100
42 52.8 52.3 78.5
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

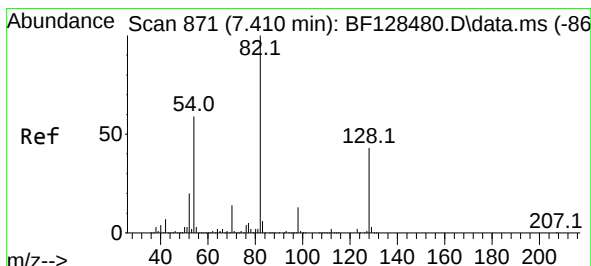
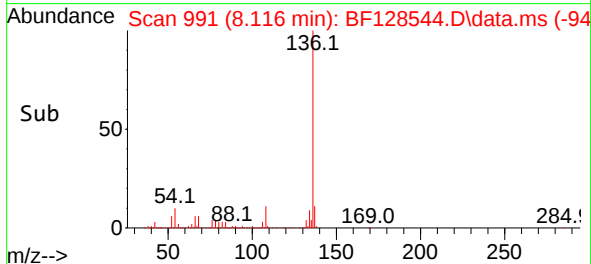
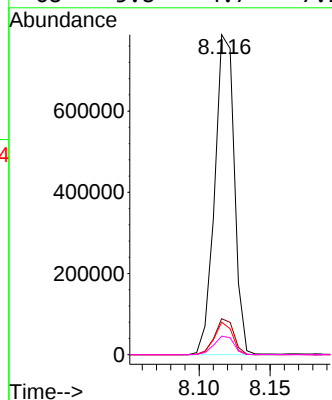
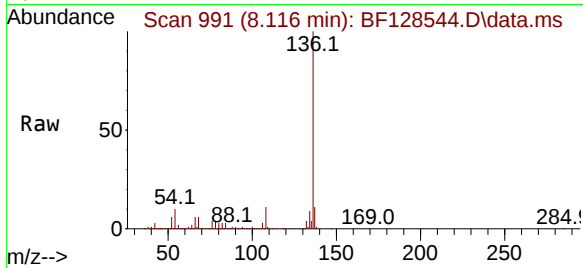




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

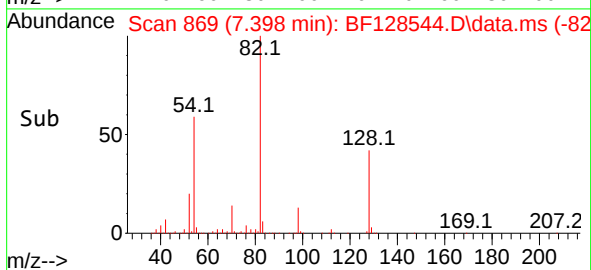
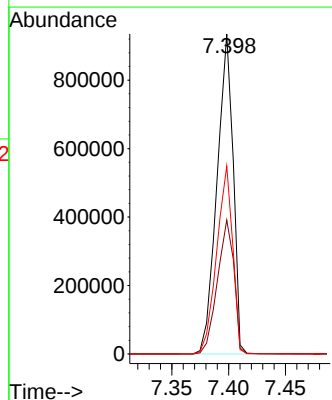
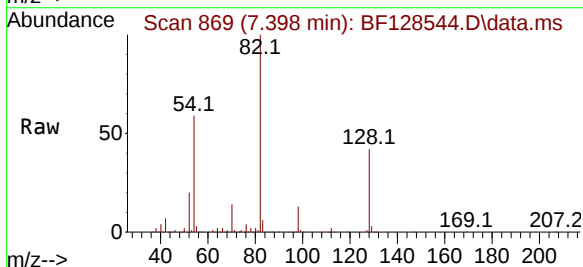
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01

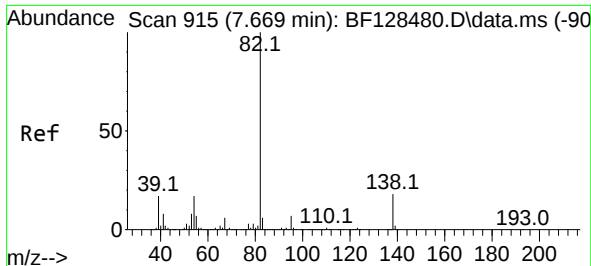
Tgt Ion:	136	Resp:	756404
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	10.2	7.5	11.3
68	5.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 70.413 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

Tgt Ion:	82	Resp:	923246
Ion Ratio	Lower	Upper	
82	100		
128	41.9	34.0	51.0
54	58.7	46.9	70.3

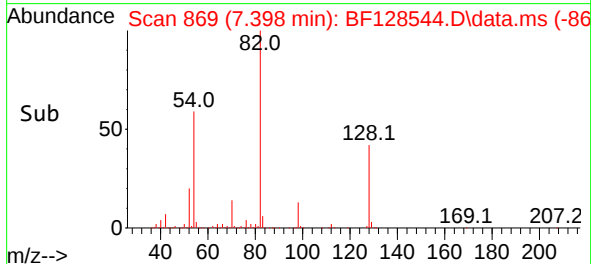
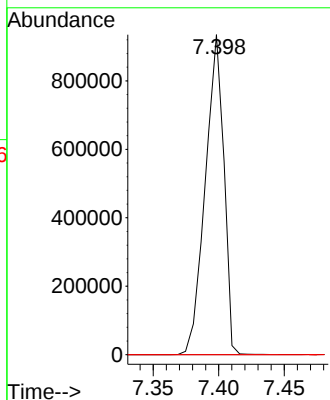
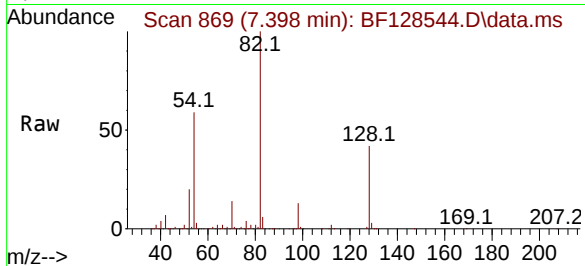




#25
Isophorone
Concen: 38.092 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

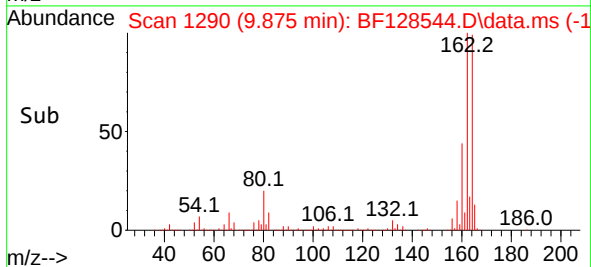
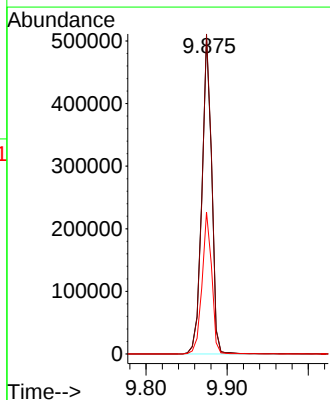
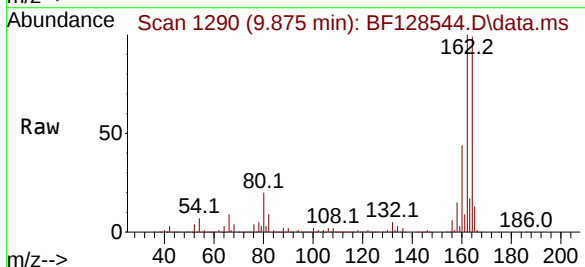
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01

Tgt Ion: 82 Resp: 921366
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: BF128544.D
Acq: 28 May 2022 13:03

Tgt Ion:164 Resp: 422534
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 44.9 34.2 51.4

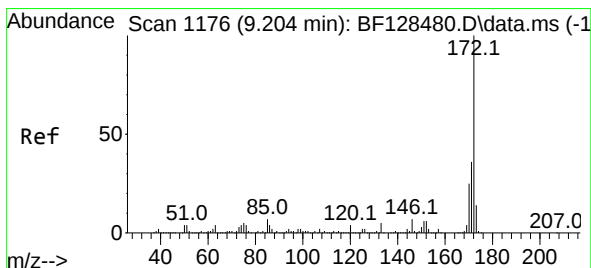
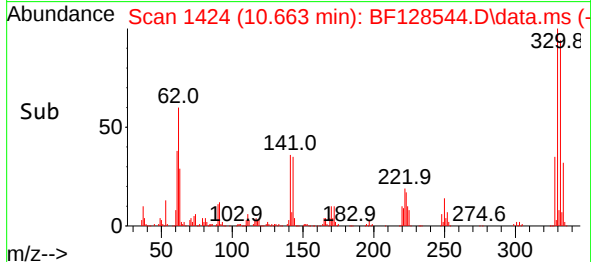
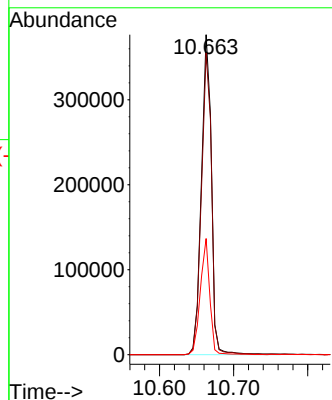
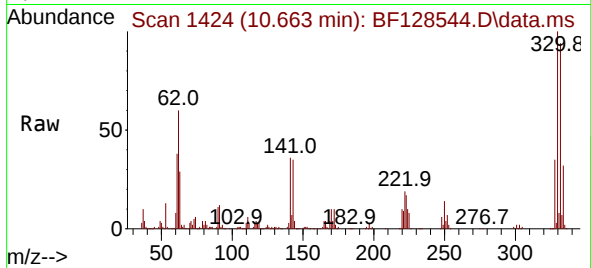




#42
2,4,6-Tribromophenol
Concen: 87.857 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

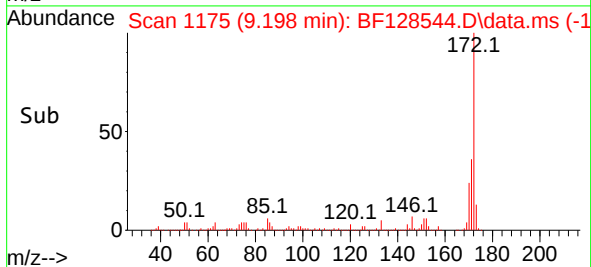
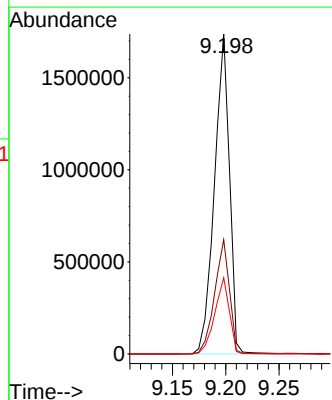
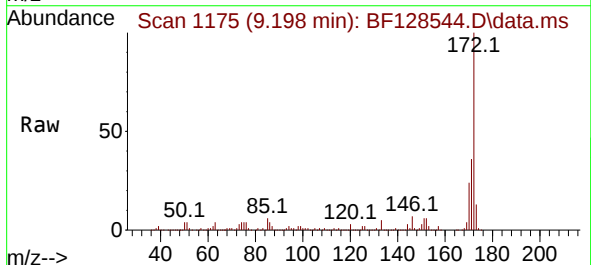
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ClientSampleId :
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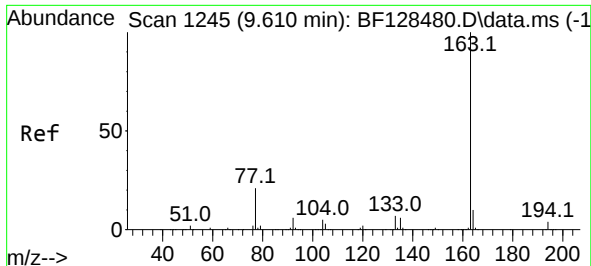
Tgt Ion:330 Resp: 353343
Ion Ratio Lower Upper
330 100
332 95.2 76.8 115.2
141 34.3 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 65.319 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

Tgt Ion:172 Resp: 1698813
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.8 19.8 29.8

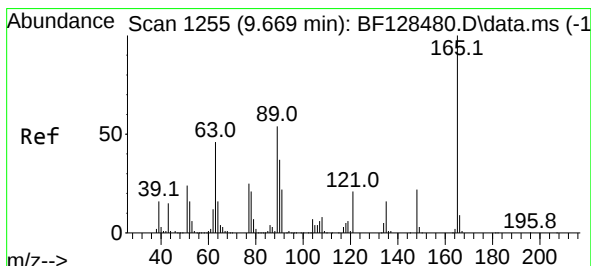
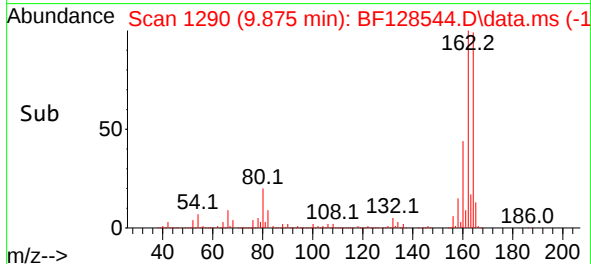
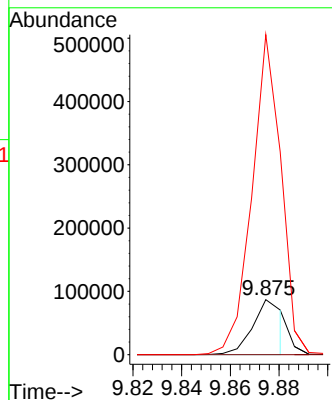
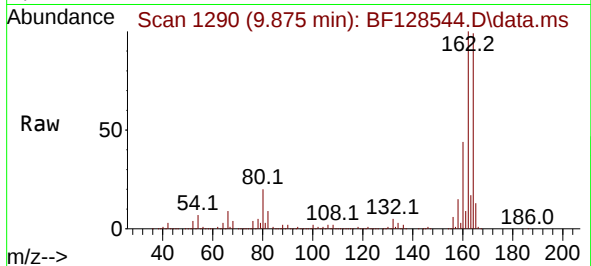




#50
Dimethylphthalate
Concen: 2.697 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

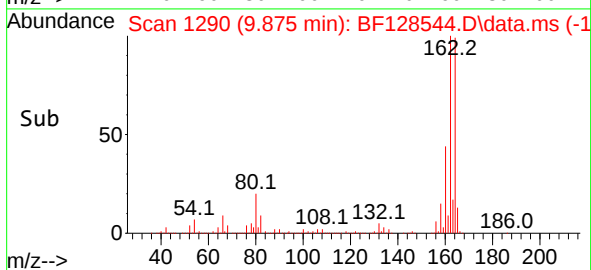
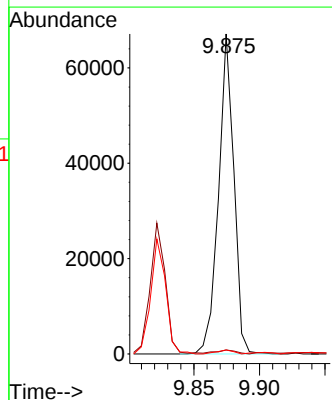
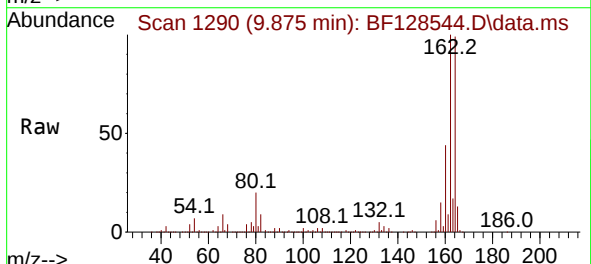
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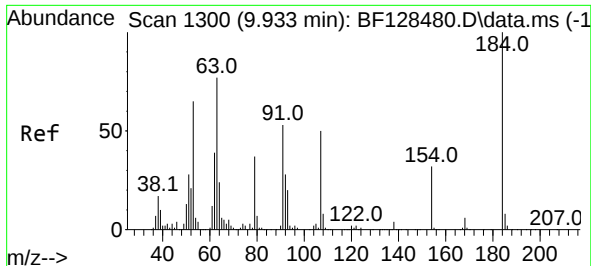
Tgt Ion:163 Resp: 73929
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 581.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.821 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

Tgt Ion:165 Resp: 54357
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.2 43.6 65.4#

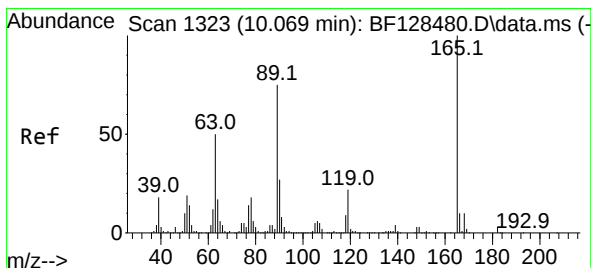
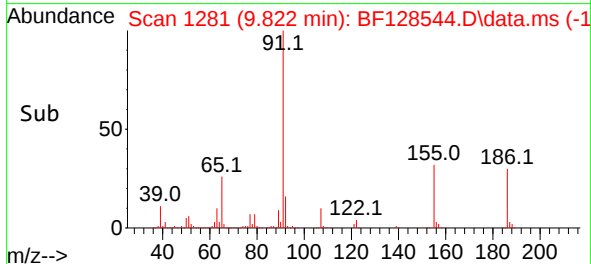
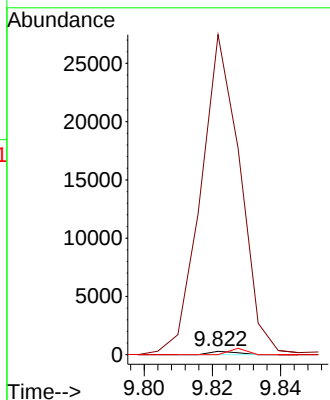
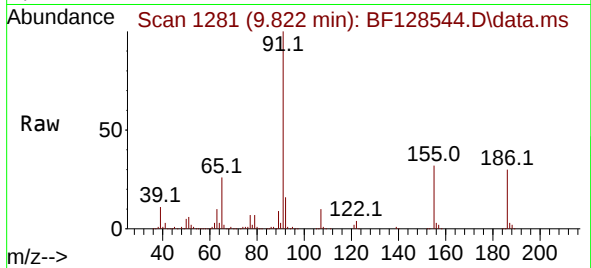




#54
2,4-Dinitrophenol
Concen: 6.877 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.111 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

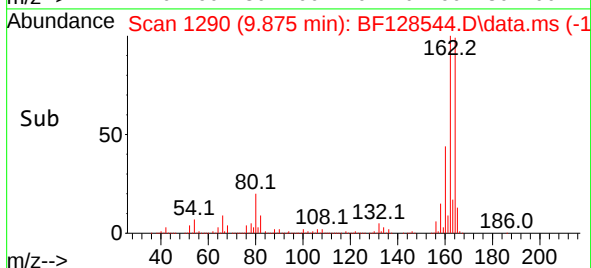
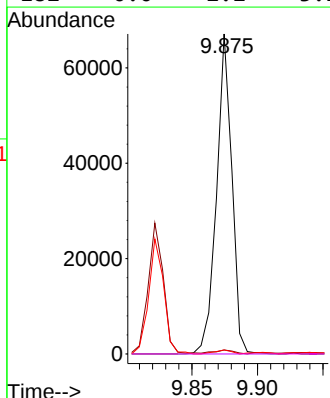
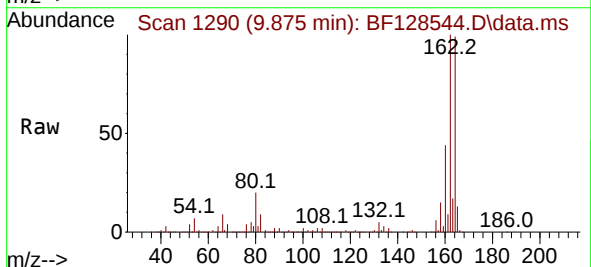
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01

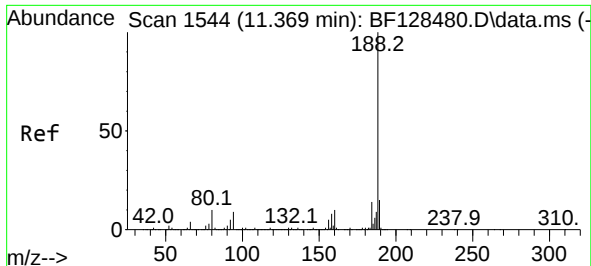
Tgt Ion:184 Resp: 162
Ion Ratio Lower Upper
184 100
63 9405.5 64.5 96.7#
154 0.0 50.6 75.8#



#57
2,4-Dinitrotoluene
Concen: 9.045 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.194 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

Tgt Ion:165 Resp: 54357
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

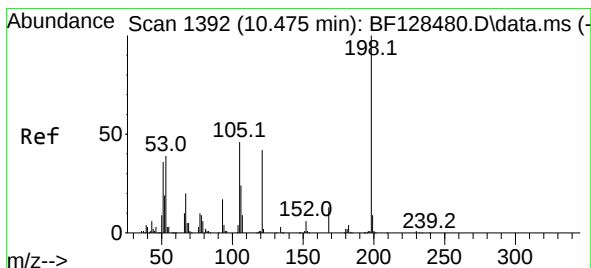
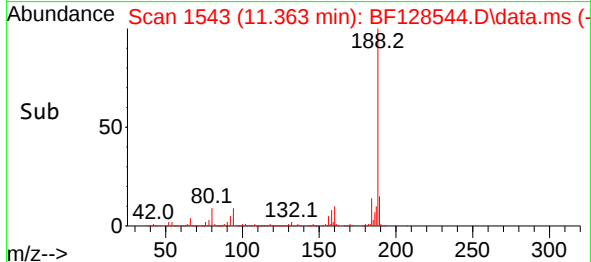
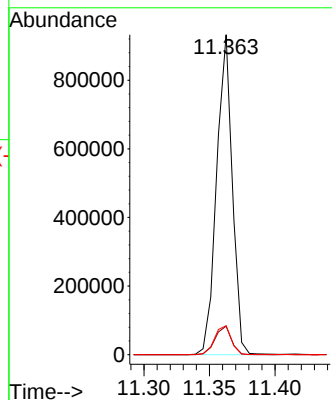
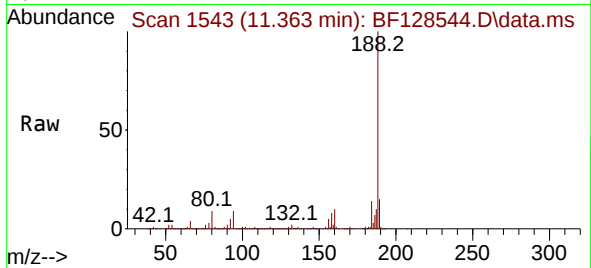




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

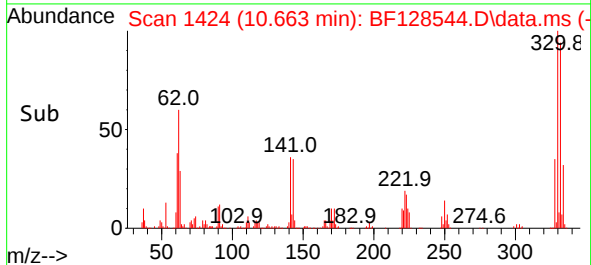
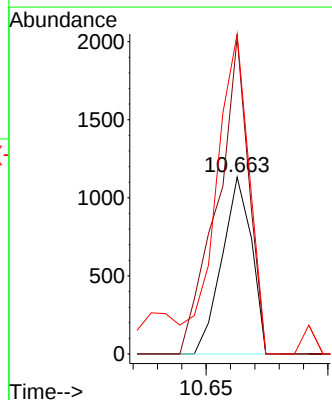
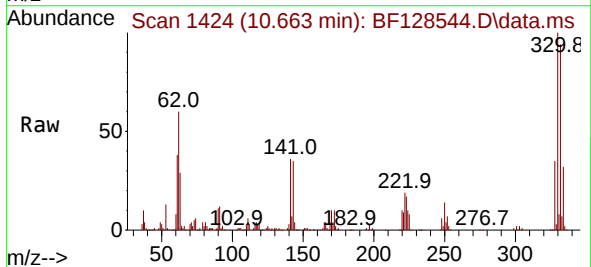
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01

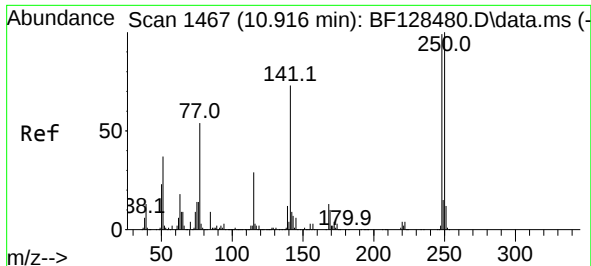
Tgt Ion:188 Resp: 775481
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.1 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.738 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

Tgt Ion:198 Resp: 957
Ion Ratio Lower Upper
198 100
51 179.3 37.6 77.6#
105 181.0 27.0 67.0#

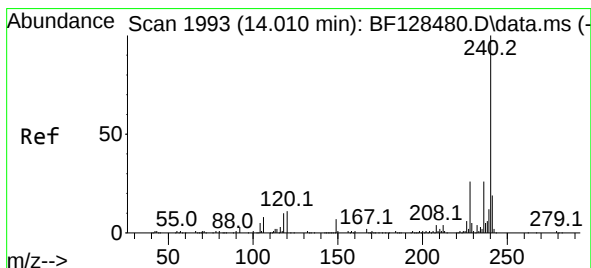
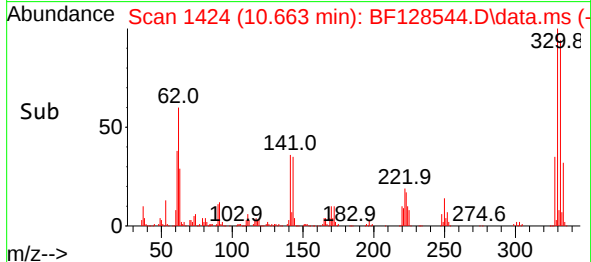
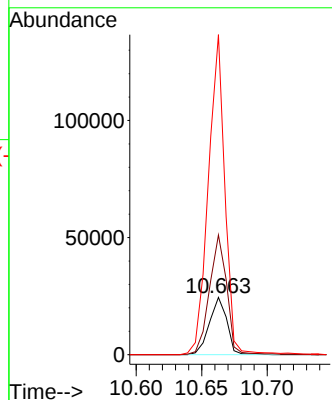
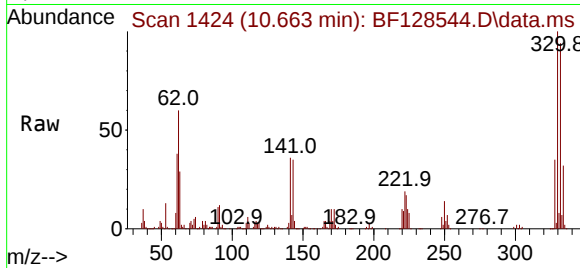




#67
4-Bromophenyl-phenylether
Concen: 2.851 ng
RT: 10.663 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

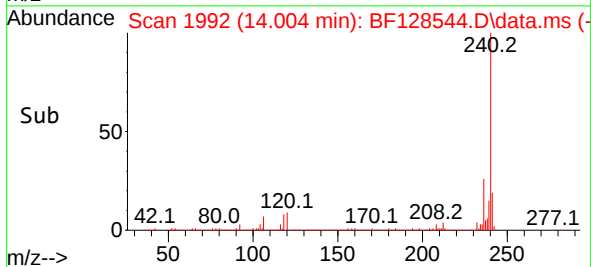
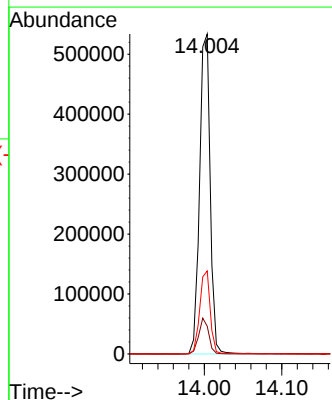
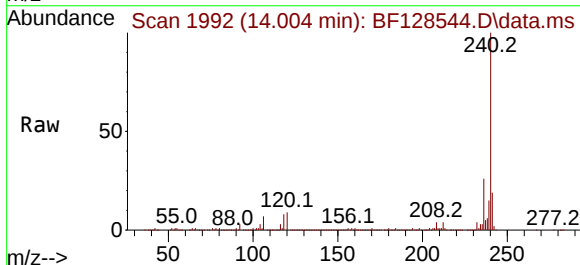
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01

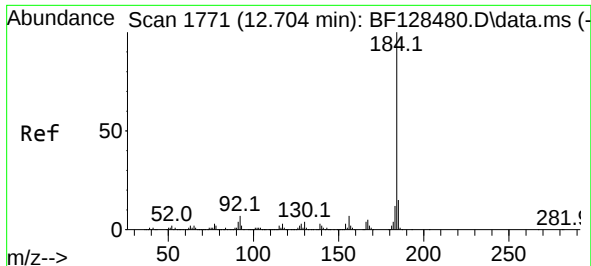
Tgt Ion:248 Resp: 22846
Ion Ratio Lower Upper
248 100
250 208.9 80.6 120.8#
141 558.7 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

Tgt Ion:240 Resp: 506243
Ion Ratio Lower Upper
240 100
120 8.7 8.9 13.3#
236 25.9 20.8 31.2

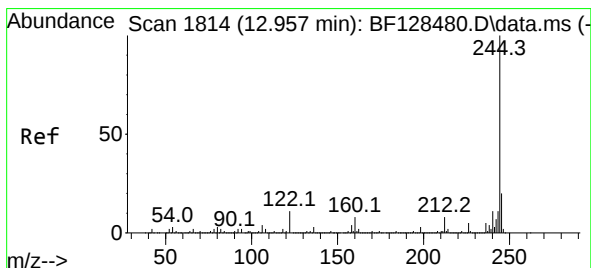
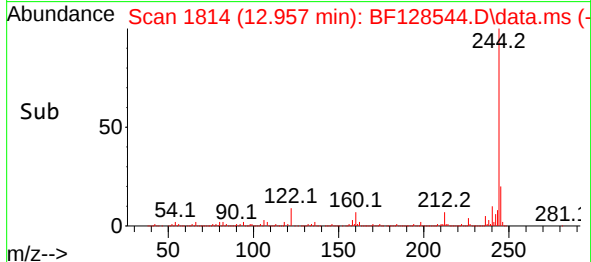
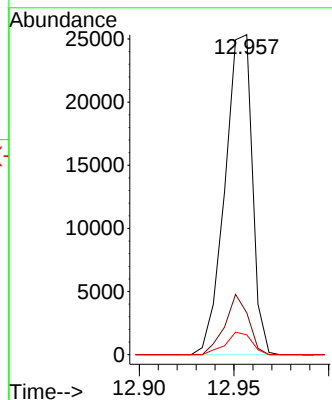
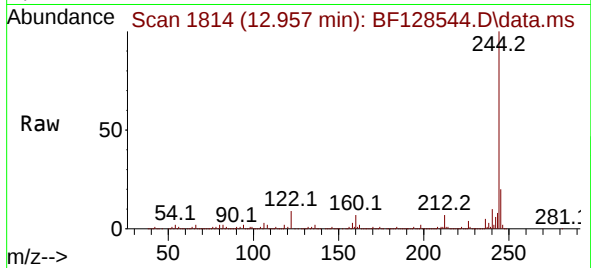




#77
Benzidine
Concen: 2.173 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

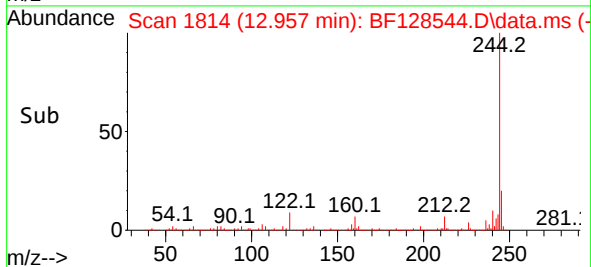
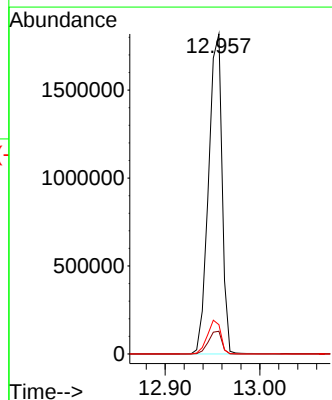
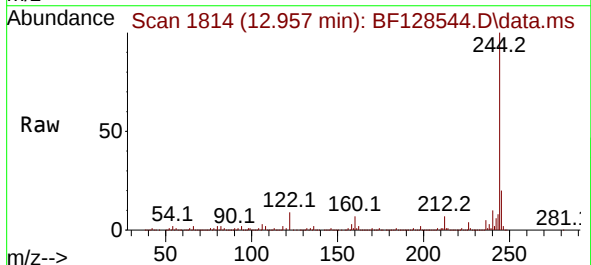
Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01

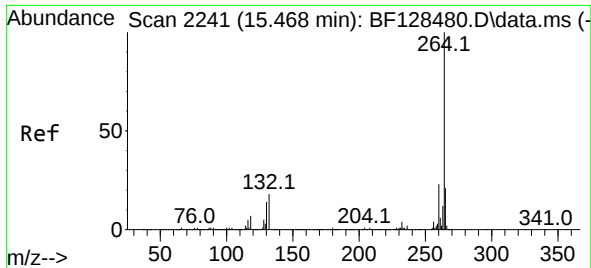
Tgt Ion:184 Resp: 25368
Ion Ratio Lower Upper
184 100
185 13.1 11.9 17.9
183 6.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 68.672 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF128544.D
Acq: 28 May 2022 13:03

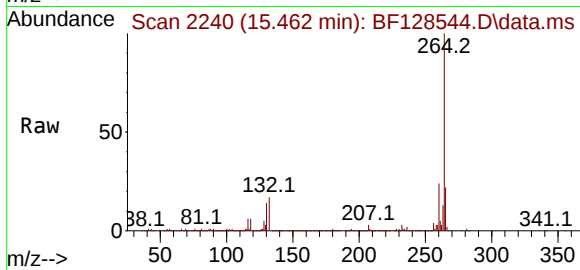
Tgt Ion:244 Resp: 1799463
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 9.1 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128544.D
 Acq: 28 May 2022 13:03

Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-2430-01



Tgt Ion:264 Resp: 402005
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.4 27.6
 265 21.6 17.2 25.8

