

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128628.D
 Acq On : 01 Jun 2022 17:55
 Operator : CG\JU
 Sample : N2953-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P044-SS001-1218-01

Quant Time: Jun 02 09:37:02 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)

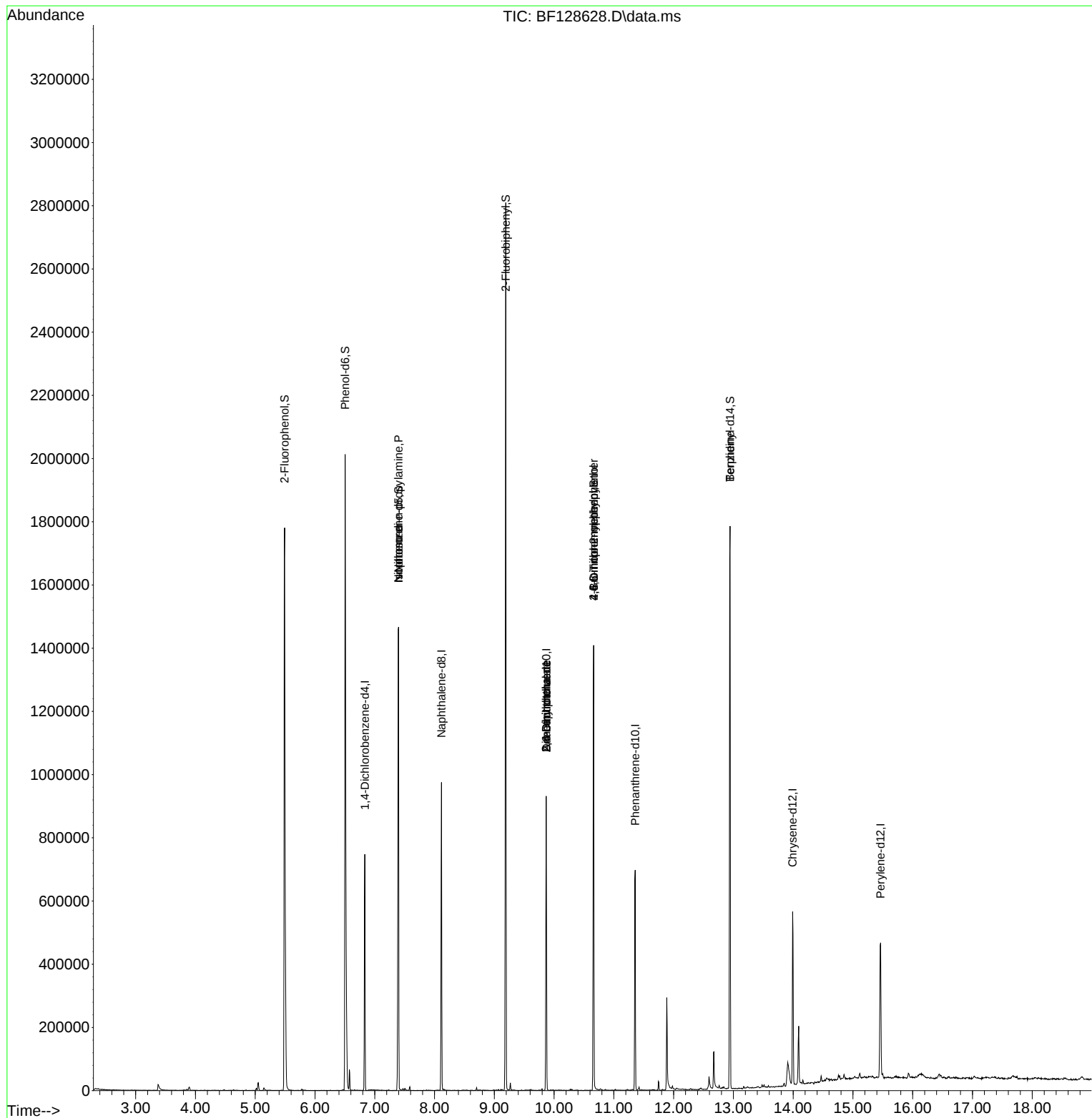
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	95640	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	368211	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	166533	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	261828	20.000	ng	#-0.01
76) Chrysene-d12	13.992	240	191976	20.000	ng	#-0.02
86) Perylene-d12	15.462	264	203339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	522963	90.573	ng	0.04
7) Phenol-d6	6.504	99	689847	93.704	ng	0.04
23) Nitrobenzene-d5	7.398	82	481083	75.372	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	158630	100.075	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	748380	73.010	ng	-0.01
79) Terphenyl-d14	12.945	244	607341	61.120	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	1195	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	67444	14.941	ng	# 75
25) Isophorone	7.398	82	479557	40.728	ng	# 65
50) Dimethylphthalate	9.869	163	30918	2.862	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	20709	10.460	ng	# 27
57) 2,4-Dinitrotoluene	9.869	165	20709	8.743	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.663	198	313	5.731	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	10690	3.952	ng	# 1
77) Benzidine	12.945	184	8981	2.028	ng	# 95

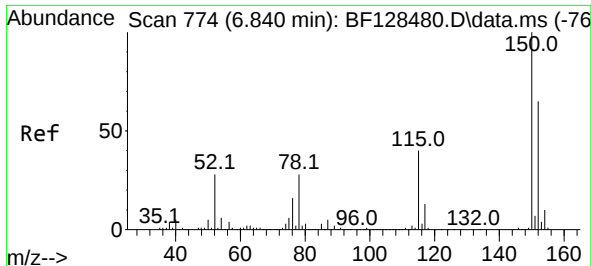
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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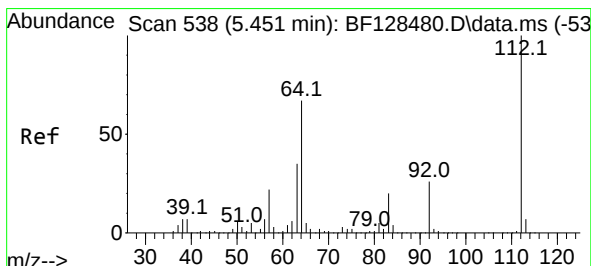
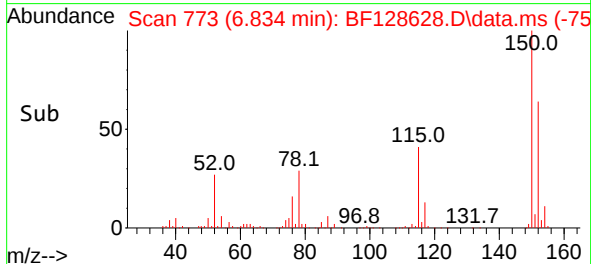
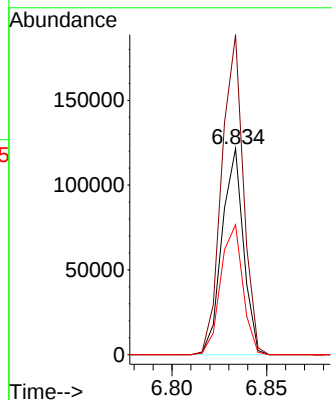
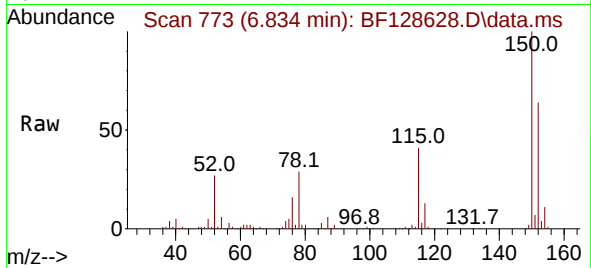




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

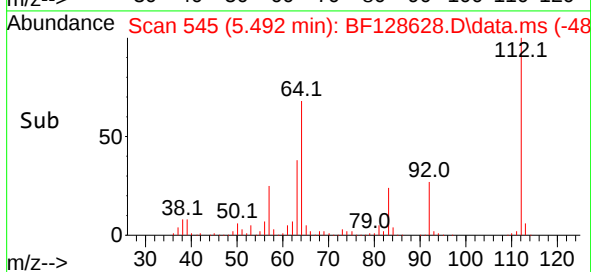
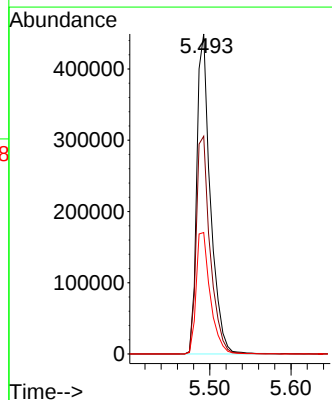
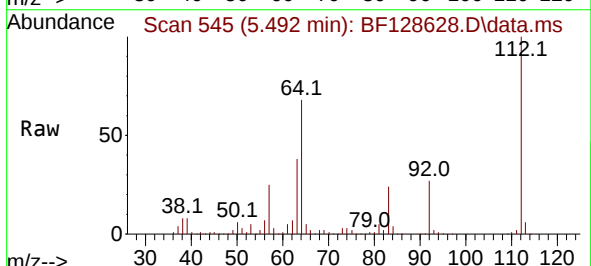
Instrument :
BNA_F
ClientSampleId :
P044-SS001-1218-01

Tgt Ion:152 Resp: 95640
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 90.573 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.041 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

Tgt Ion:112 Resp: 522963
Ion Ratio Lower Upper
112 100
64 68.1 53.3 79.9
63 38.0 28.0 42.0

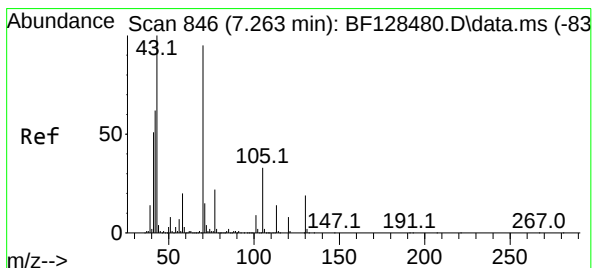
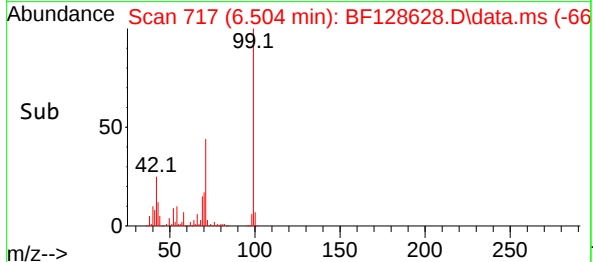
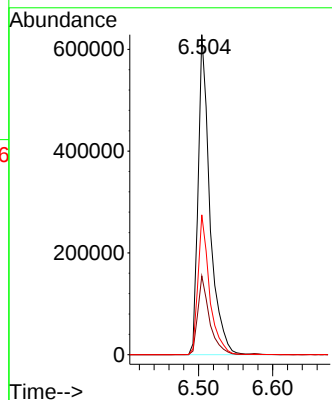
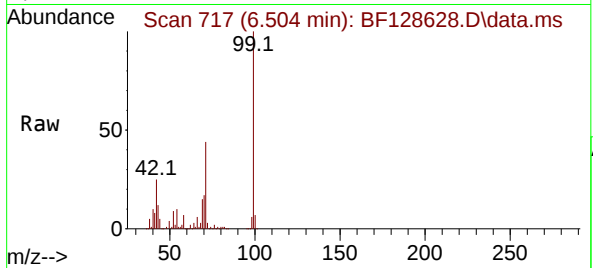




#7
Phenol-d6
Concen: 93.704 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.035 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

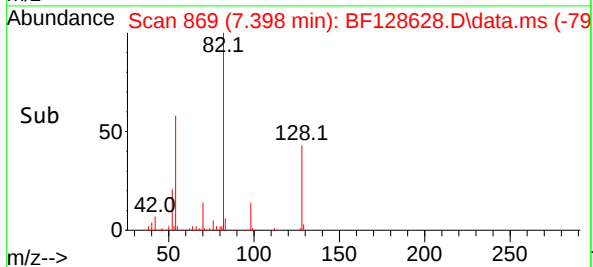
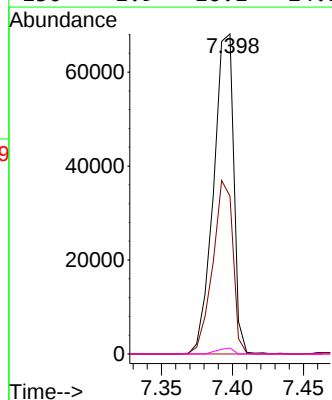
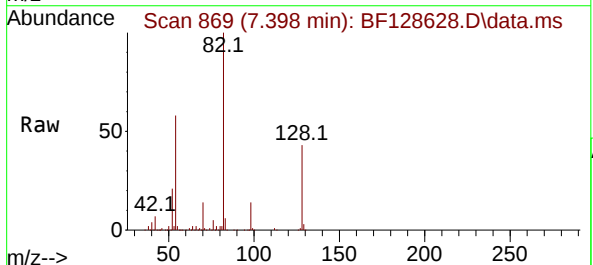
Instrument :
BNA_F
ClientSampleId :
P044-SS001-1218-01

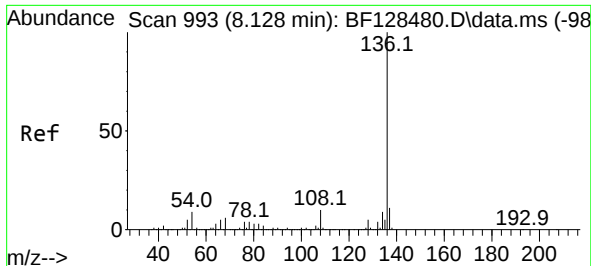
Tgt Ion: 99 Resp: 689847
Ion Ratio Lower Upper
99 100
42 24.6 17.3 25.9
71 43.7 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 14.941 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

Tgt Ion: 70 Resp: 67444
Ion Ratio Lower Upper
70 100
42 49.3 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

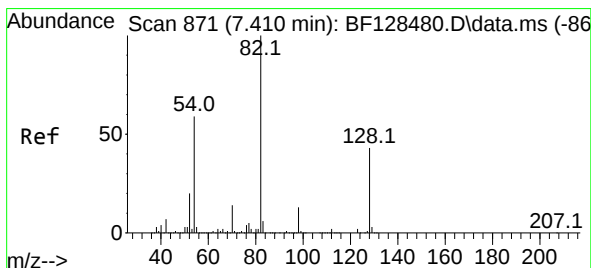
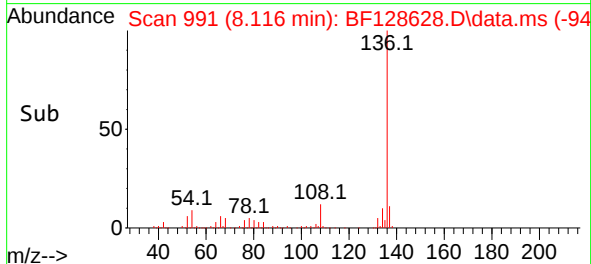
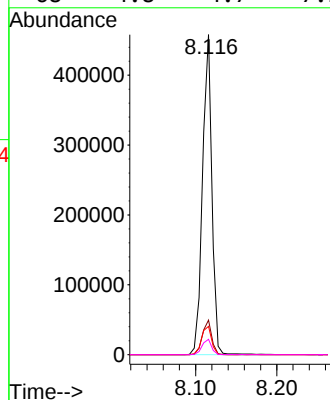
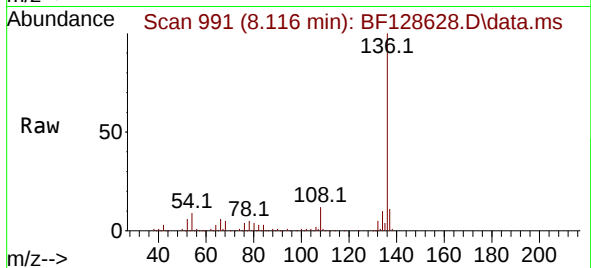




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

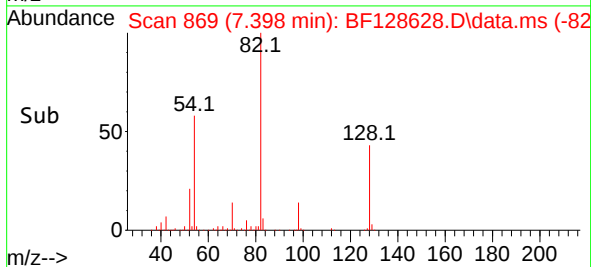
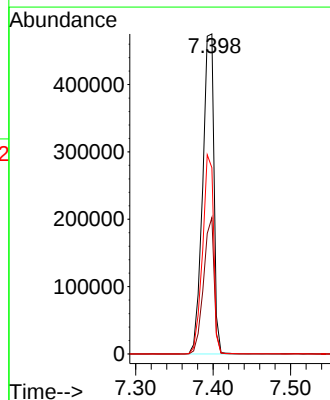
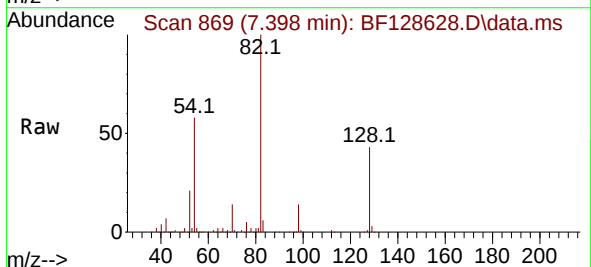
Instrument :
BNA_F
ClientSampleId :
P044-SS001-1218-01

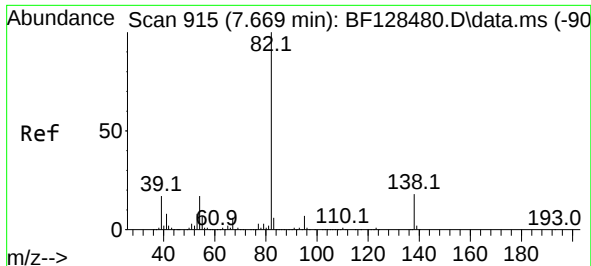
Tgt Ion:	136	Resp:	368211
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.9	7.5	11.3
68	4.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 75.372 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

Tgt Ion:	82	Resp:	481083
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	58.2	46.9	70.3

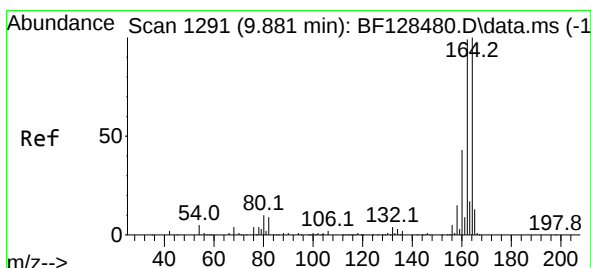
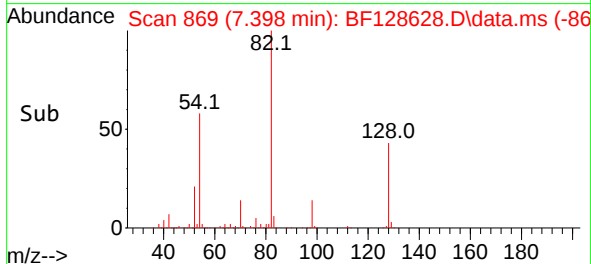
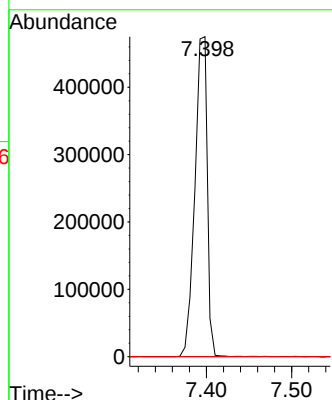
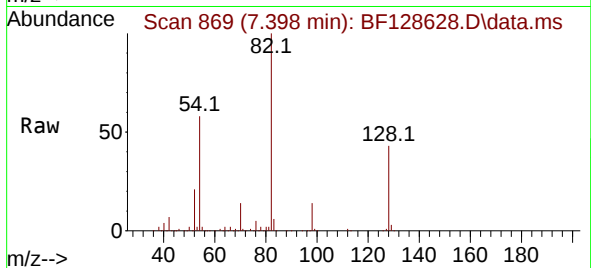




#25
Isophorone
Concen: 40.728 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

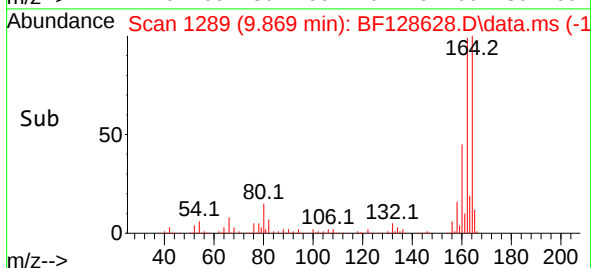
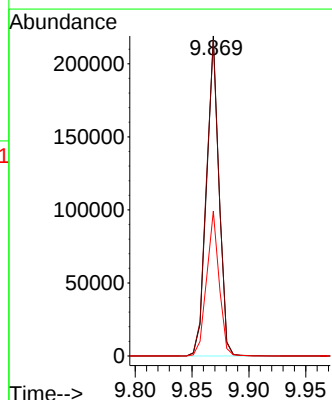
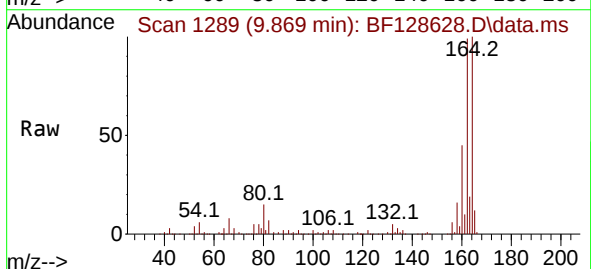
Instrument :
BNA_F
ClientSampleId :
P044-SS001-1218-01

Tgt Ion: 82 Resp: 479557
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: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

Tgt Ion: 164 Resp: 166533
Ion Ratio Lower Upper
164 100
162 98.7 79.5 119.3
160 45.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 100.075 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128628.D

Acq: 01 Jun 2022 17:55

Instrument :

BNA_F

ClientSampleId :

P044-SS001-1218-01

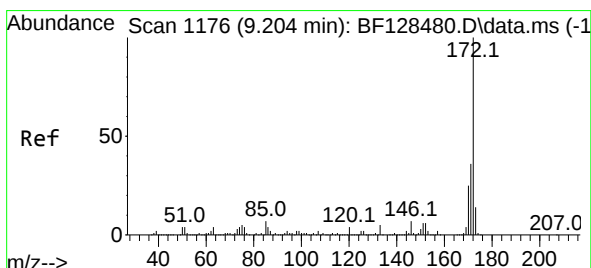
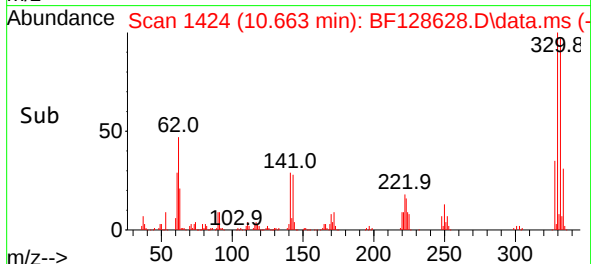
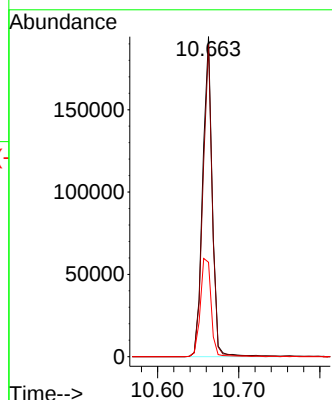
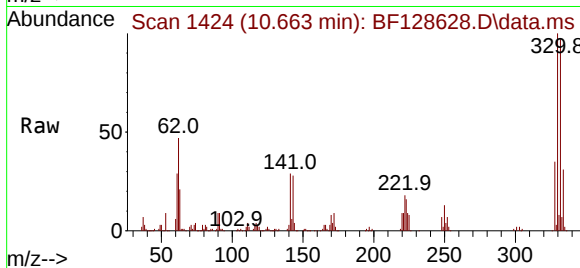
Tgt Ion:330 Resp: 158630

Ion Ratio Lower Upper

330 100

332 95.3 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 73.010 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128628.D

Acq: 01 Jun 2022 17:55

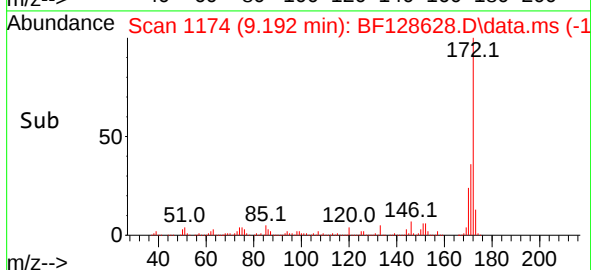
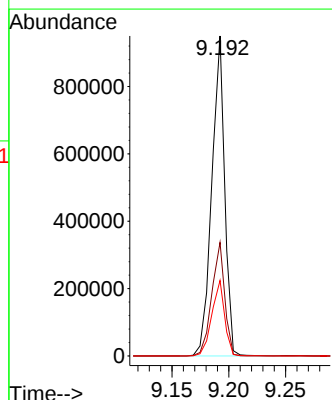
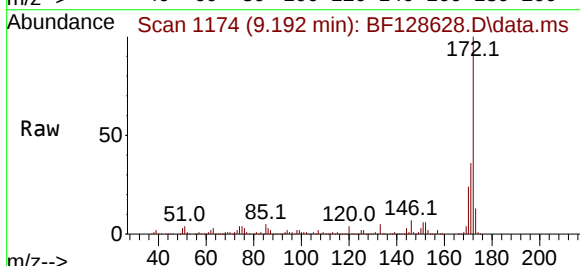
Tgt Ion:172 Resp: 748380

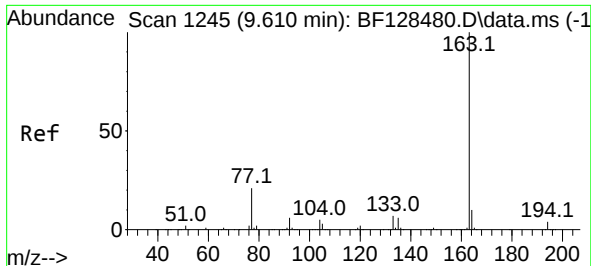
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.6 19.8 29.8

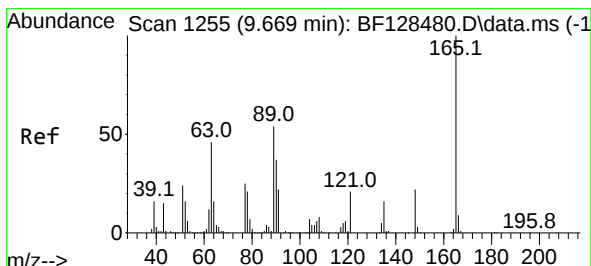
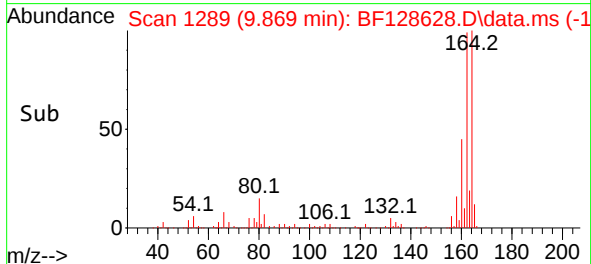
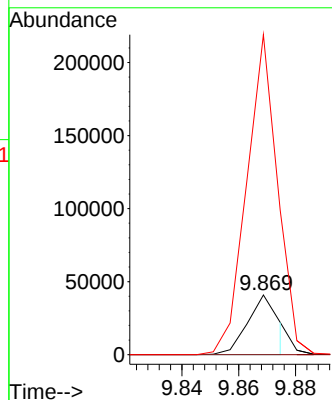
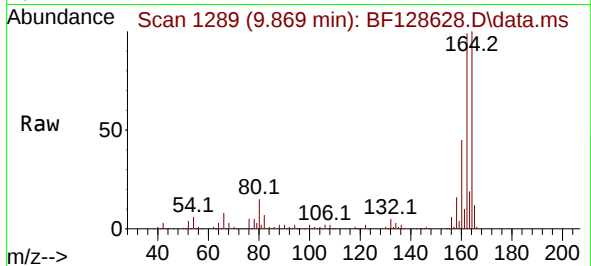




#50
Dimethylphthalate
Concen: 2.862 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.259 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

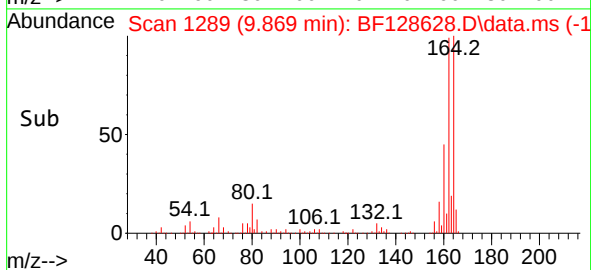
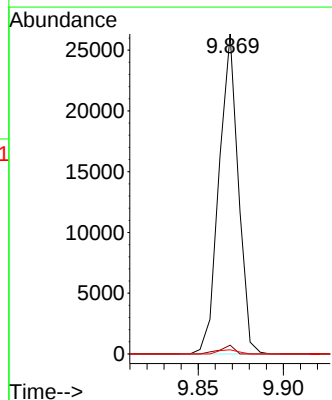
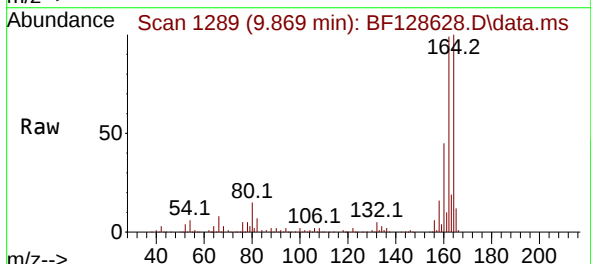
Instrument :
BNA_F
ClientSampleId :
P044-SS001-1218-01

Tgt Ion:163 Resp: 30918
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 535.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.460 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

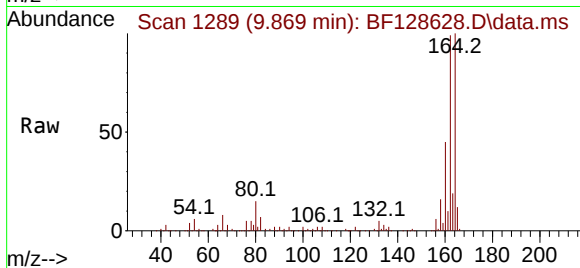
Tgt Ion:165 Resp: 20709
Ion Ratio Lower Upper
165 100
63 2.7 44.9 67.3#
89 1.3 43.6 65.4#



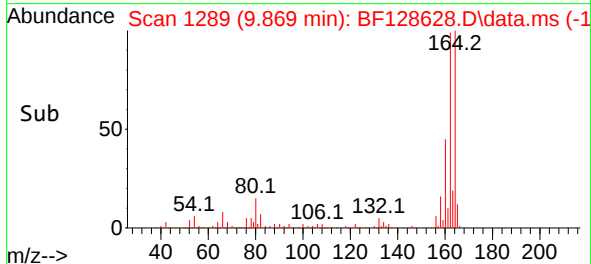
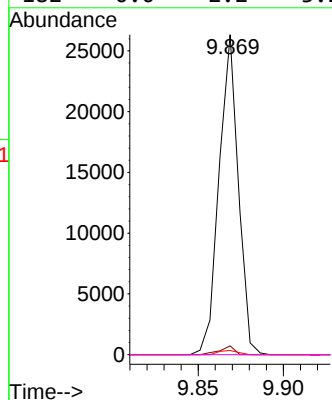


#57
2,4-Dinitrotoluene
Concen: 8.743 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

Instrument :
BNA_F
ClientSampleId :
P044-SS001-1218-01

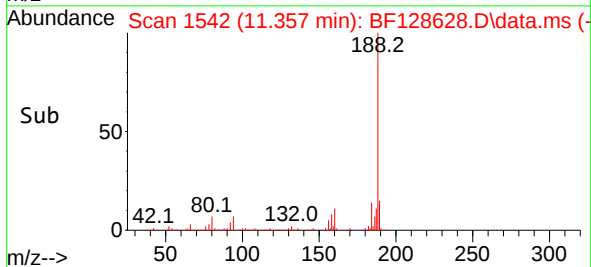
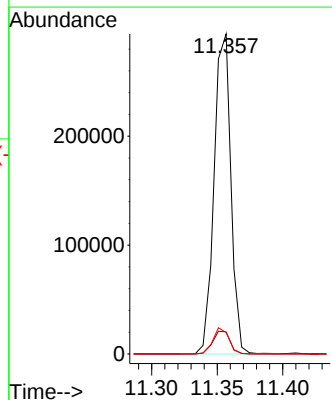
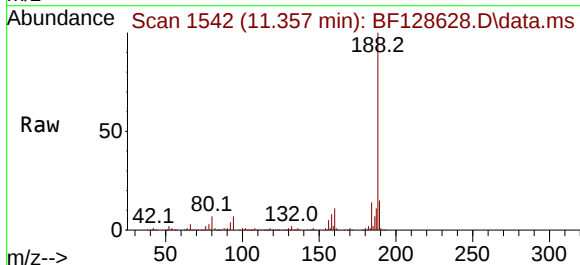


Tgt Ion:	165	Resp:	20709
Ion	Ratio	Lower	Upper
165	100		
63	2.7	39.8	59.6#
89	1.3	60.2	90.2#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

Tgt Ion:	188	Resp:	261828
Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.0	10.6#
80	6.7	7.6	11.4#

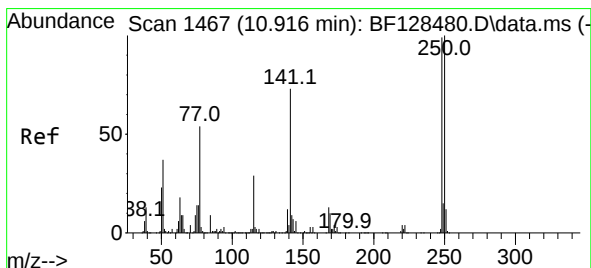
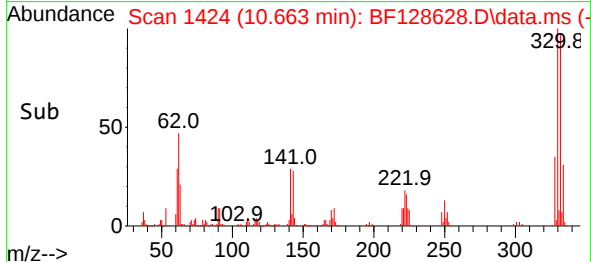
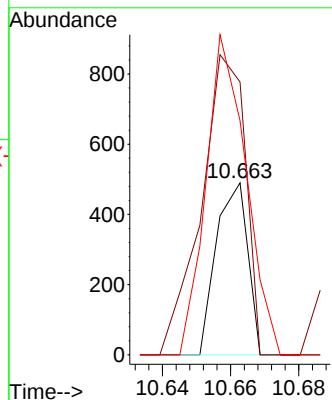
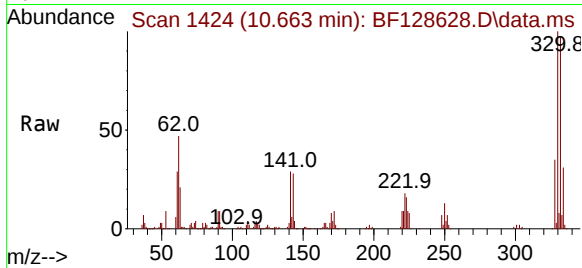




#65
4,6-Dinitro-2-methylphenol
Concen: 5.731 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

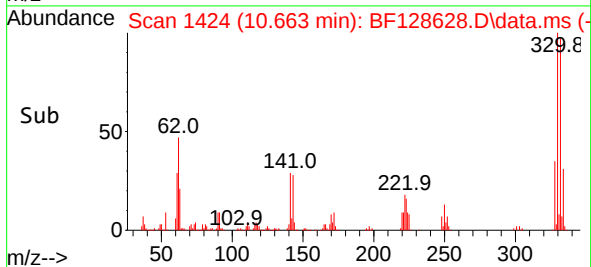
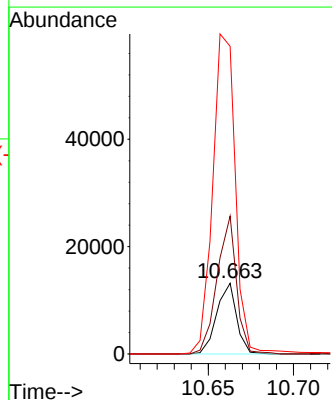
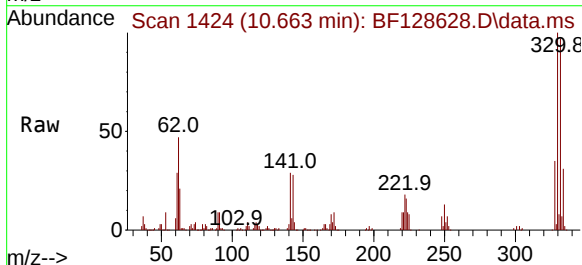
Instrument :
BNA_F
ClientSampleId :
P044-SS001-1218-01

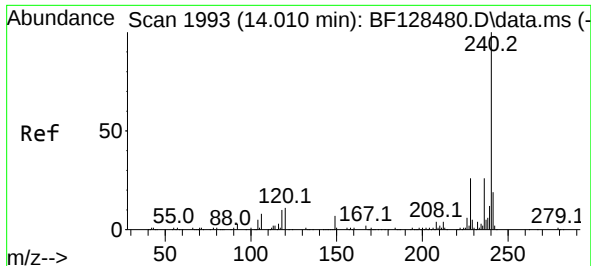
Tgt Ion:198 Resp: 313
Ion Ratio Lower Upper
198 100
51 158.6 37.6 77.6#
105 136.1 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.952 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

Tgt Ion:248 Resp: 10690
Ion Ratio Lower Upper
248 100
250 195.2 80.6 120.8#
141 435.4 58.9 88.3#

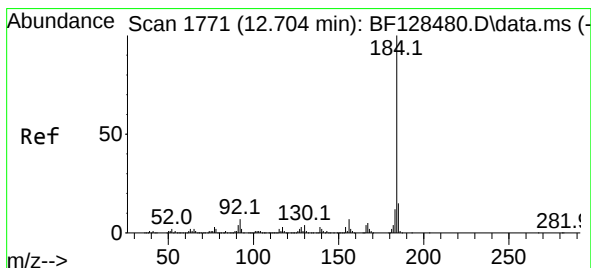
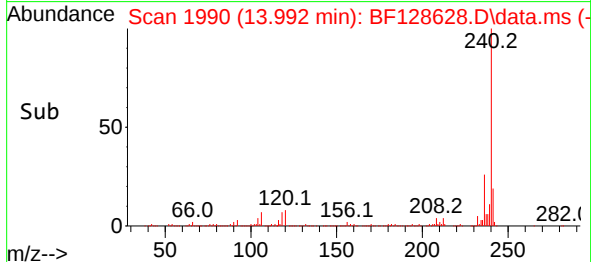
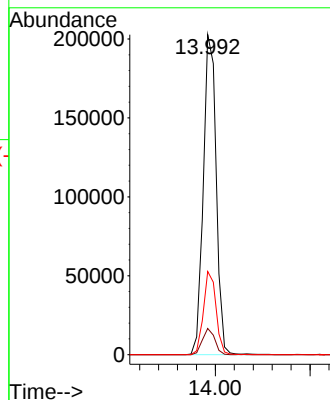
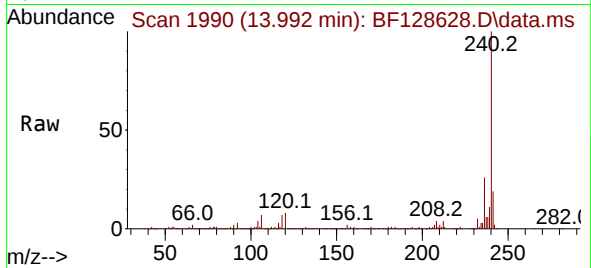




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1812
Delta R.T. -0.018 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

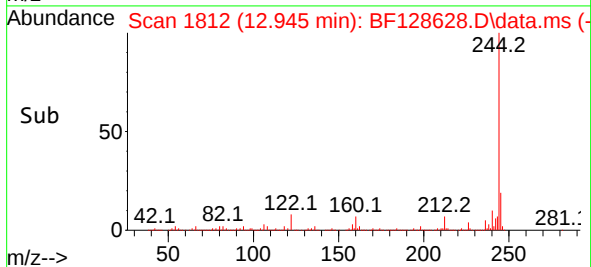
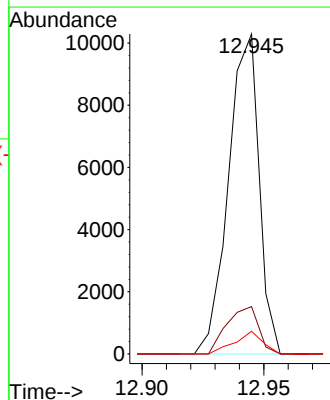
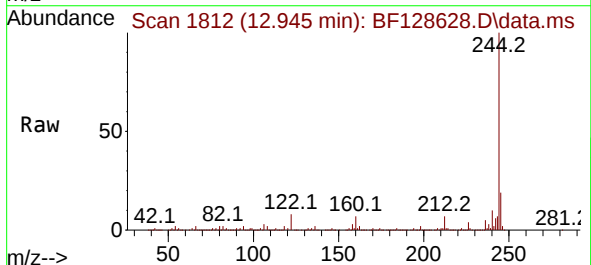
Instrument :
BNA_F
ClientSampleId :
P044-SS001-1218-01

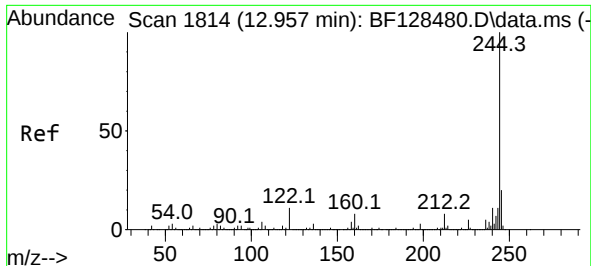
Tgt Ion:240 Resp: 191976
Ion Ratio Lower Upper
240 100
120 8.2 8.9 13.3#
236 26.0 20.8 31.2



#77
Benzidine
Concen: 2.028 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.241 min
Lab File: BF128628.D
Acq: 01 Jun 2022 17:55

Tgt Ion:184 Resp: 8981
Ion Ratio Lower Upper
184 100
185 14.8 11.9 17.9
183 7.1 9.3 13.9#

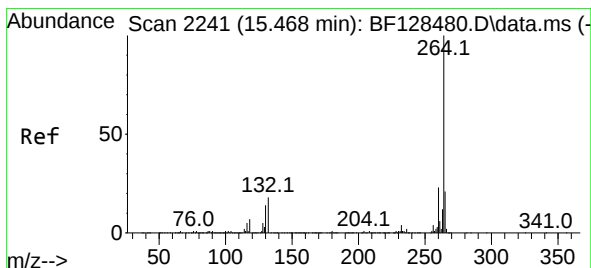
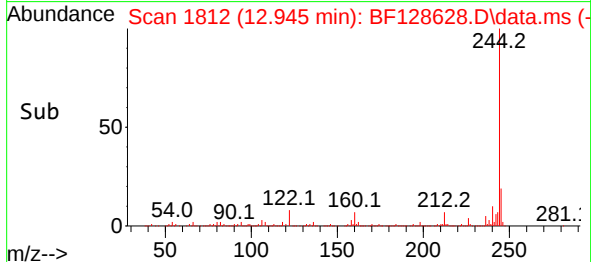
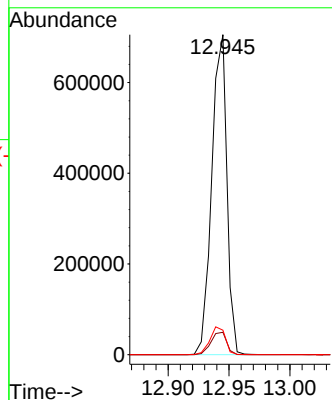
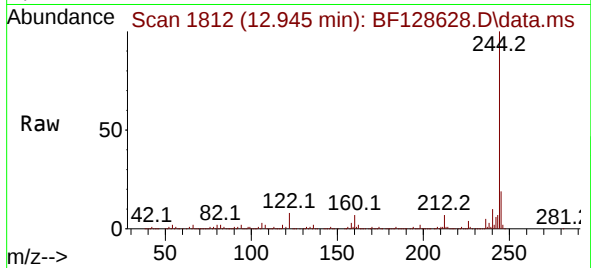




#79
 Terphenyl-d14
 Concen: 61.120 ng
 RT: 12.945 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF128628.D
 Acq: 01 Jun 2022 17:55

Instrument :
 BNA_F
 ClientSampleId :
 P044-SS001-1218-01

Tgt Ion:244 Resp: 607341
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 7.6 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: BF128628.D
 Acq: 01 Jun 2022 17:55

Tgt Ion:264 Resp: 203339
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.6 17.2 25.8

