

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128631.D
 Acq On : 01 Jun 2022 19:24
 Operator : CG\JU
 Sample : N2990-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P028-SS001-0006-01

Quant Time: Jun 02 09:37:24 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)

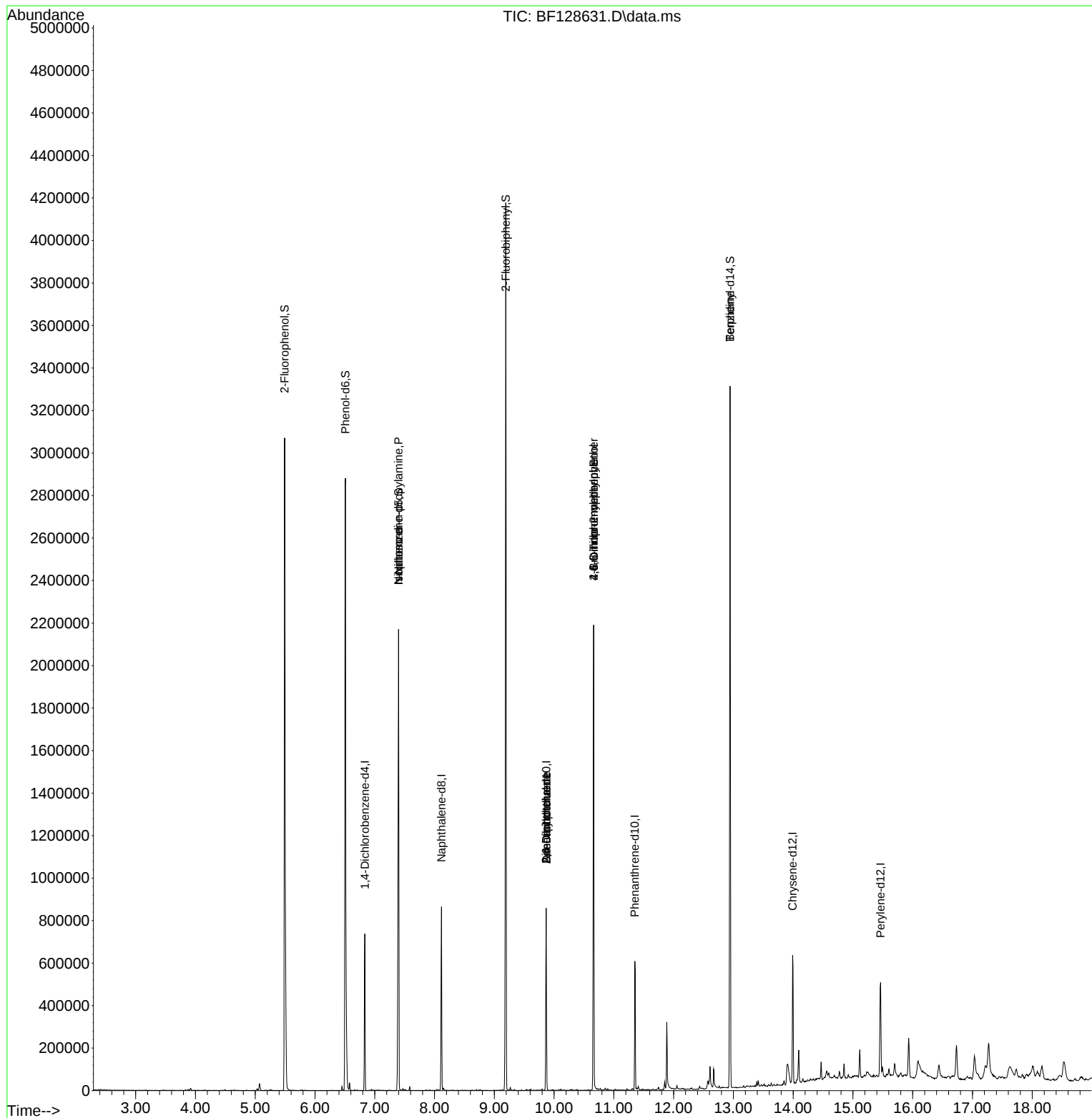
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	93289	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	331275	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	156706	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	221336	20.000	ng	-0.02
76) Chrysene-d12	13.992	240	208929	20.000	ng	#-0.02
86) Perylene-d12	15.462	264	210169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	787078	139.751	ng	0.04
7) Phenol-d6	6.510	99	986285	137.347	ng	0.04
23) Nitrobenzene-d5	7.398	82	692498	120.591	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	227803	152.726	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1213609	125.821	ng	-0.01
79) Terphenyl-d14	12.945	244	1062675	98.265	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.381	77	234	Below Cal	#	35
19) n-Nitroso-di-n-propyla...	7.398	70	99178	22.525	ng	# 79
25) Isophorone	7.398	82	690639	65.195	ng	# 65
50) Dimethylphthalate	9.869	163	27764	2.731	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	20216	10.852	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	20216	9.070	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	608	6.028	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	14910	6.520	ng	# 1
77) Benzidine	12.945	184	15836	3.286	ng	# 95

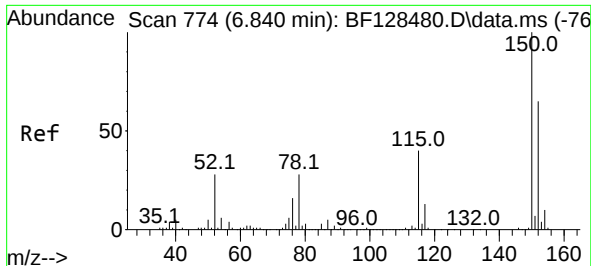
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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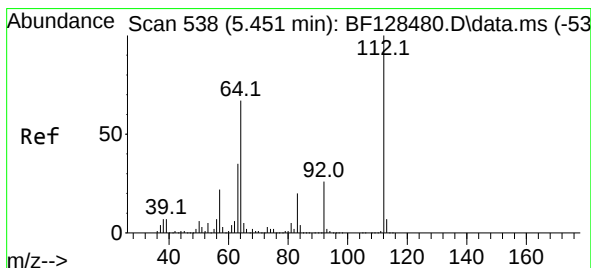
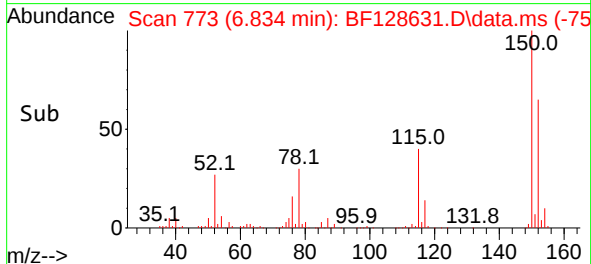
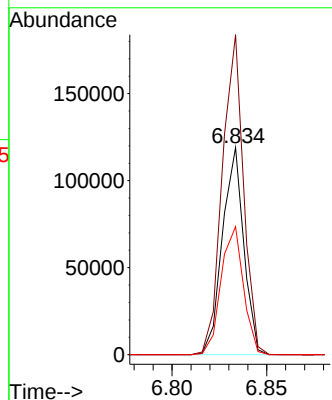
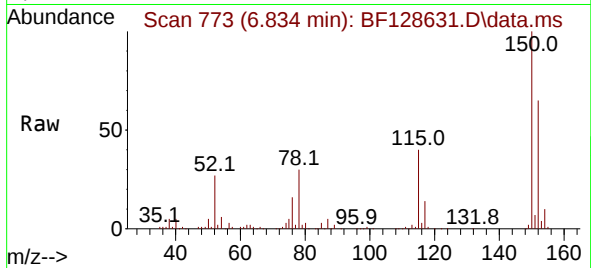




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

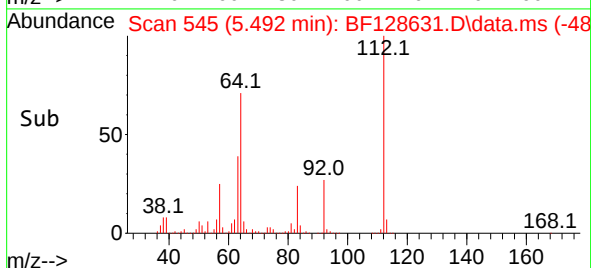
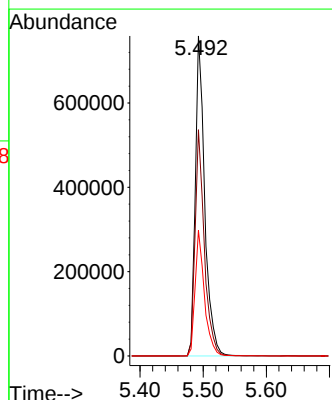
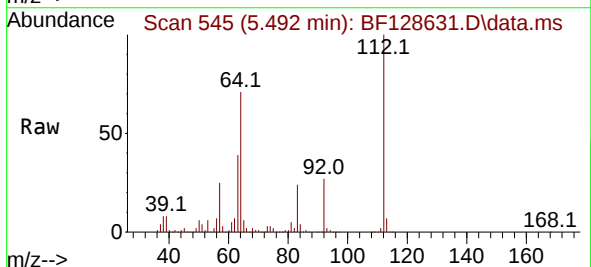
Instrument :
BNA_F
ClientSampleId :
P028-SS001-0006-01

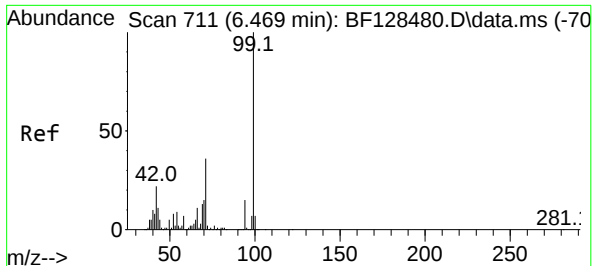
Tgt Ion:152 Resp: 93289
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 61.8 49.9 74.9



#5
2-Fluorophenol
Concen: 139.751 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.041 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

Tgt Ion:112 Resp: 787078
Ion Ratio Lower Upper
112 100
64 70.7 53.3 79.9
63 39.3 28.0 42.0

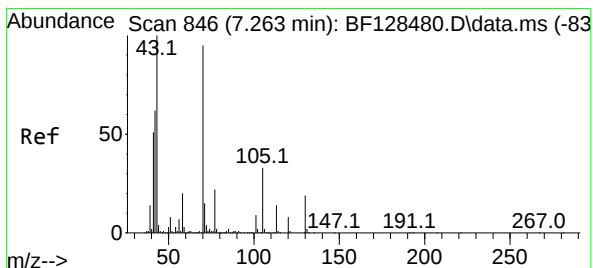
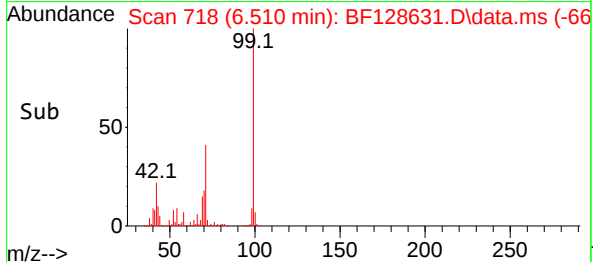
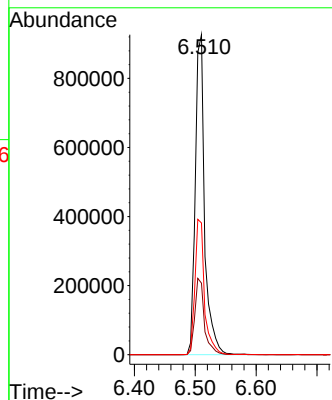
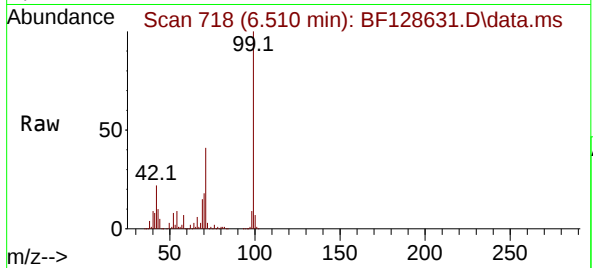




#7
Phenol-d6
Concen: 137.347 ng
RT: 6.510 min Scan# 711
Delta R.T. 0.041 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

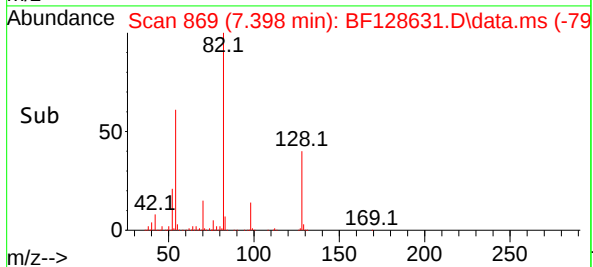
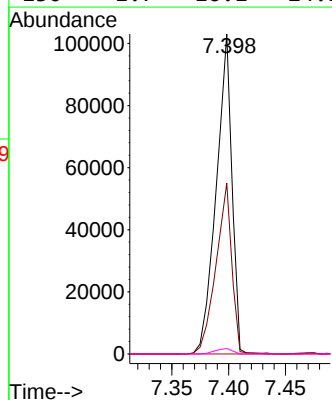
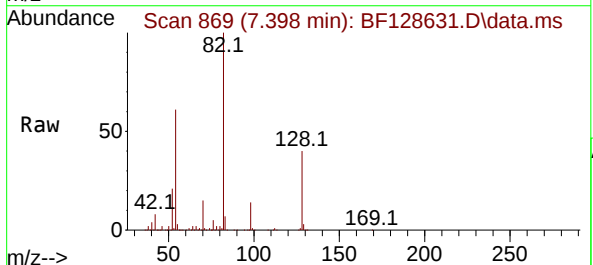
Instrument :
BNA_F
ClientSampleId :
P028-SS001-0006-01

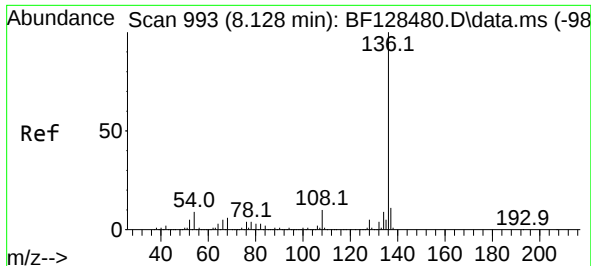
Tgt Ion: 99 Resp: 986285
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 41.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.525 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

Tgt Ion: 70 Resp: 99178
Ion Ratio Lower Upper
70 100
42 53.4 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

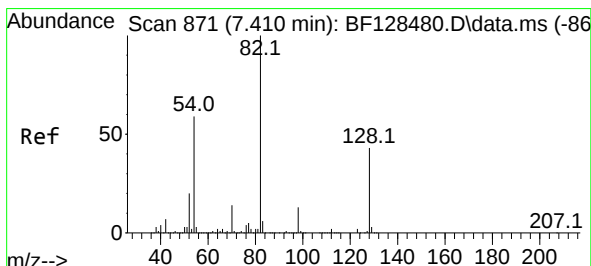
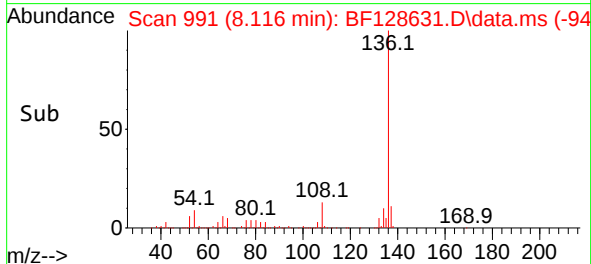
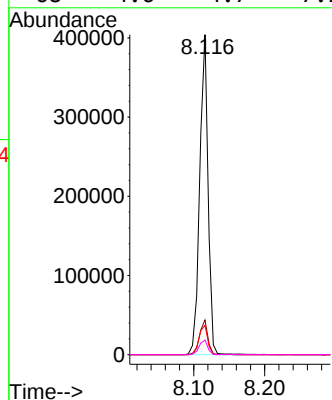
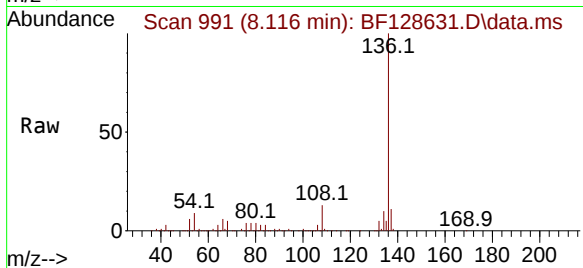




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

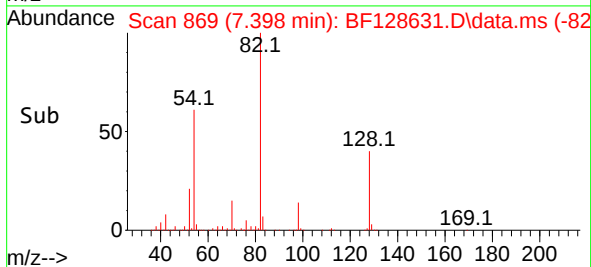
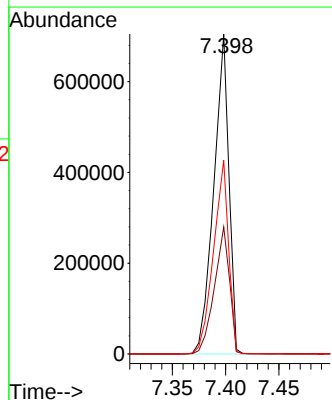
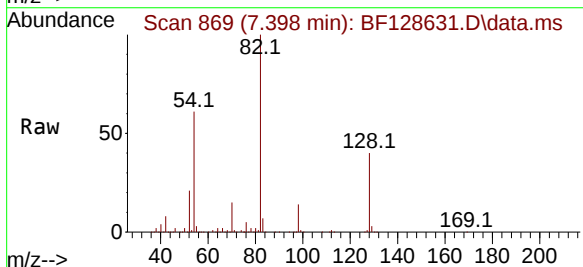
Instrument :
BNA_F
ClientSampleId :
P028-SS001-0006-01

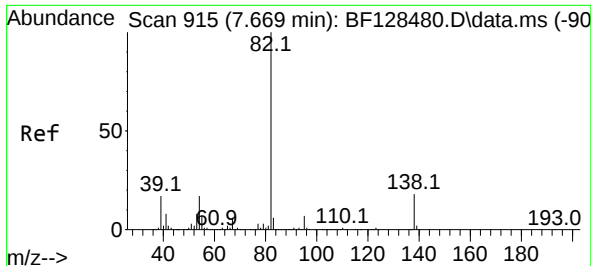
Tgt Ion:136 Resp: 331275
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.2 7.5 11.3
68 4.6 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 120.591 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

Tgt Ion: 82 Resp: 692498
Ion Ratio Lower Upper
82 100
128 39.7 34.0 51.0
54 60.5 46.9 70.3

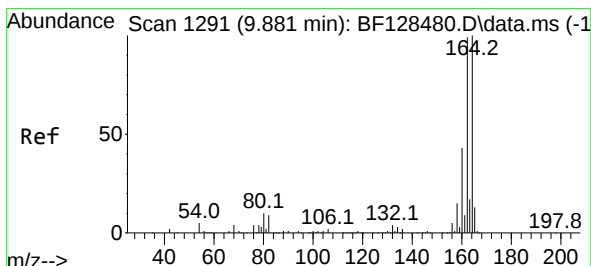
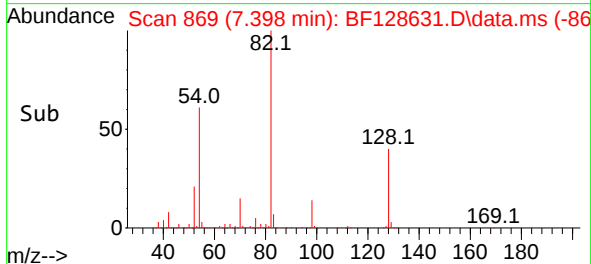
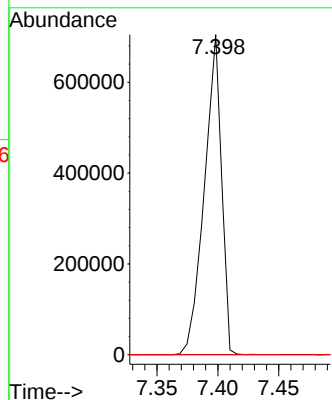
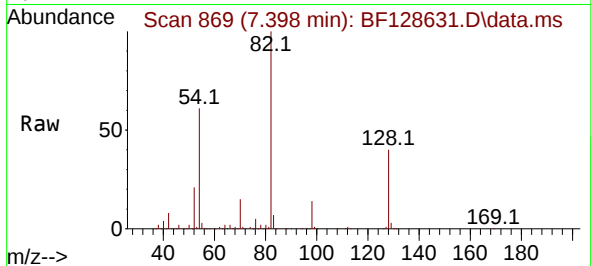




#25
Isophorone
Concen: 65.195 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

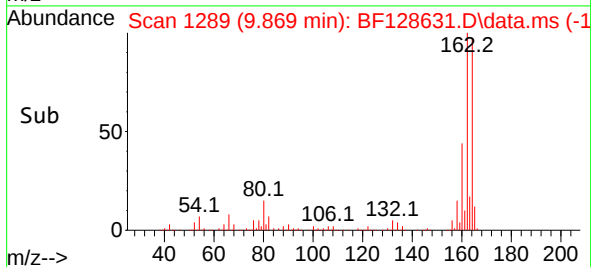
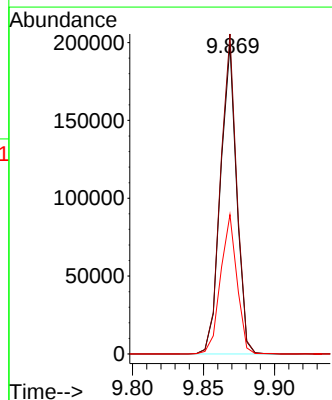
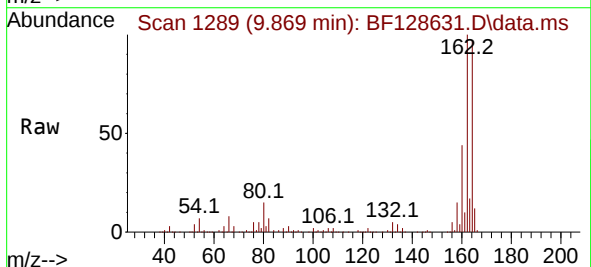
Instrument :
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ClientSampleId :
P028-SS001-0006-01

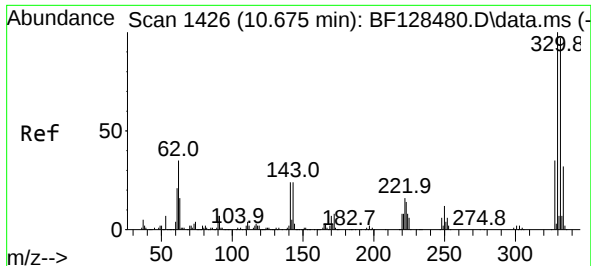
Tgt Ion: 82 Resp: 690639
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

Tgt Ion:164 Resp: 156706
Ion Ratio Lower Upper
164 100
162 103.4 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 152.726 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128631.D

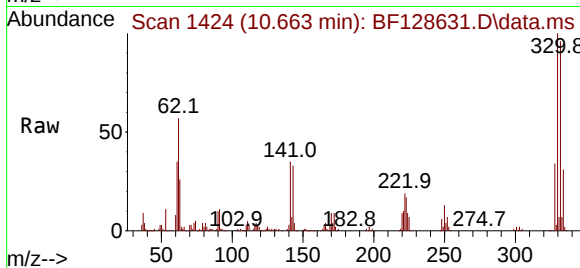
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Instrument :

BNA_F

ClientSampleId :

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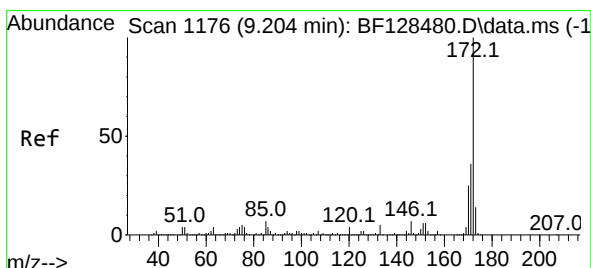
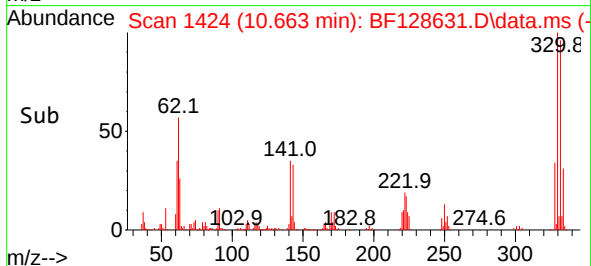
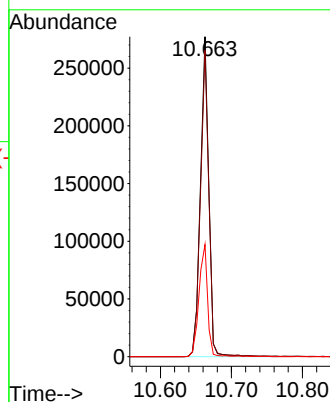
Tgt Ion:330 Resp: 227803

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 36.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 125.821 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128631.D

Acq: 01 Jun 2022 19:24

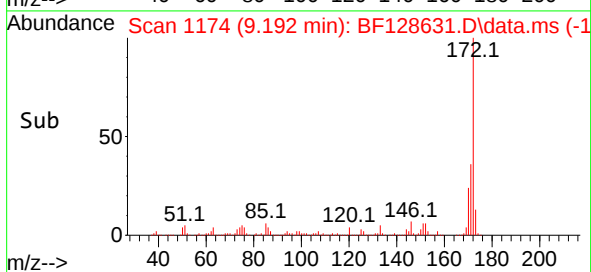
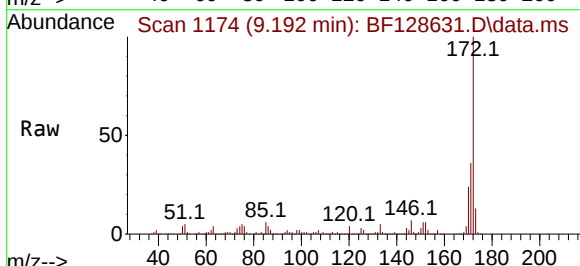
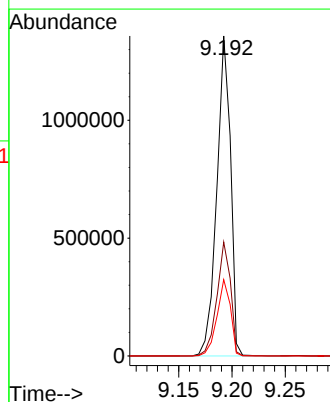
Tgt Ion:172 Resp: 1213609

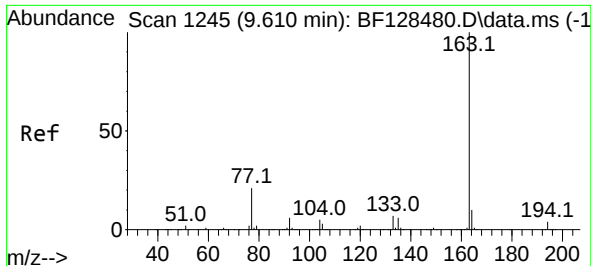
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.8 19.8 29.8

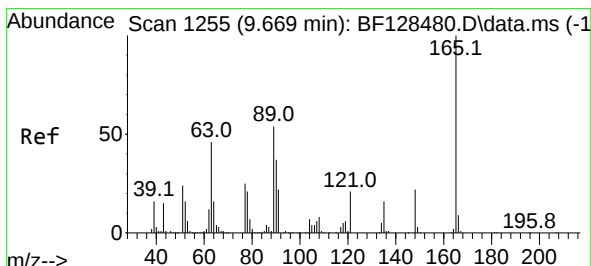
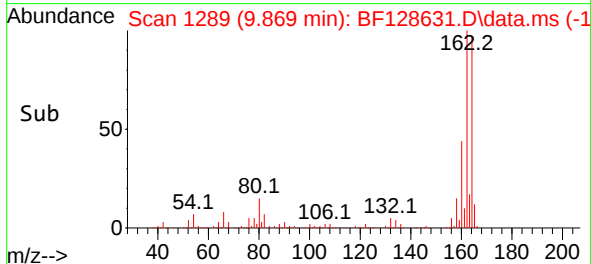
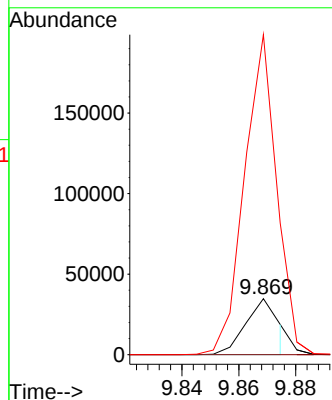
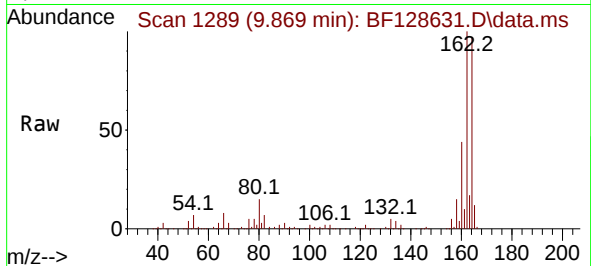




#50
Dimethylphthalate
Concen: 2.731 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.259 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

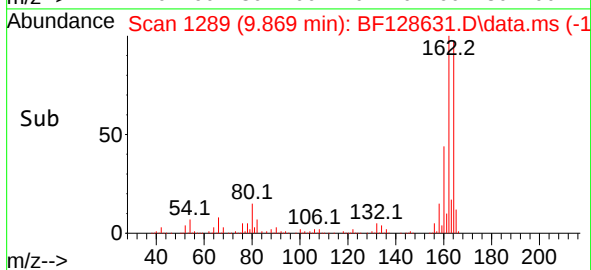
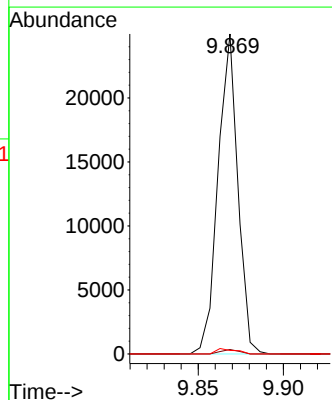
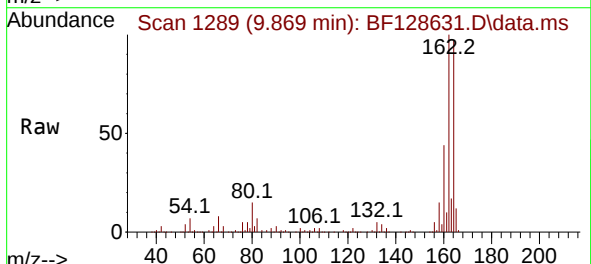
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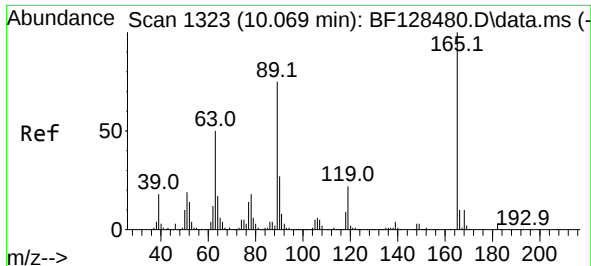
Tgt Ion:163 Resp: 27764
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 571.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.852 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

Tgt Ion:165 Resp: 20216
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.1 43.6 65.4#

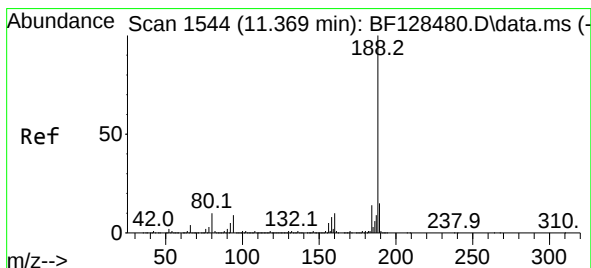
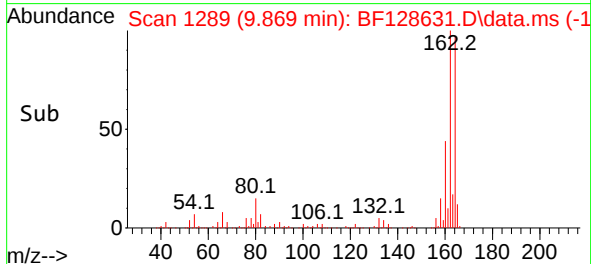
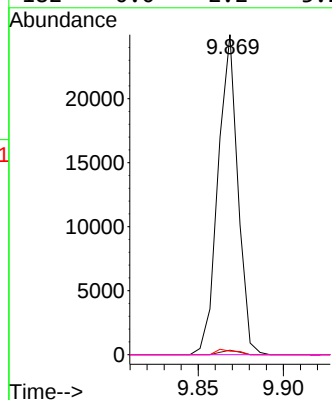
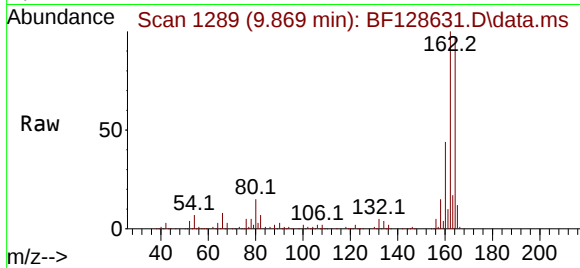




#57
2,4-Dinitrotoluene
Concen: 9.070 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

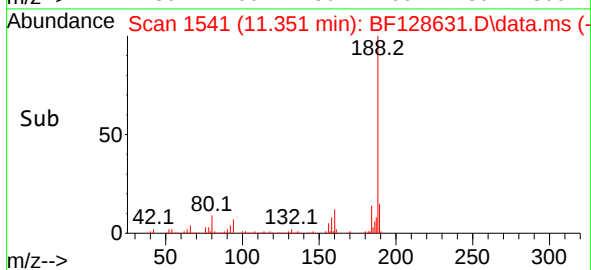
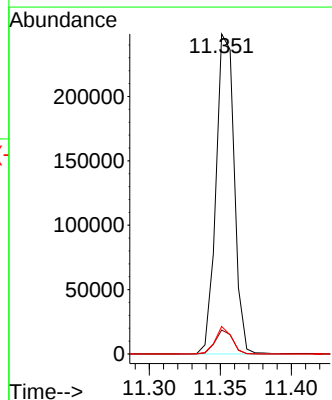
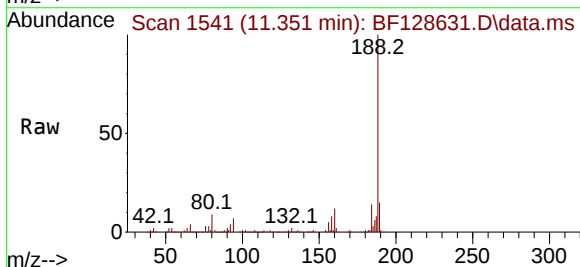
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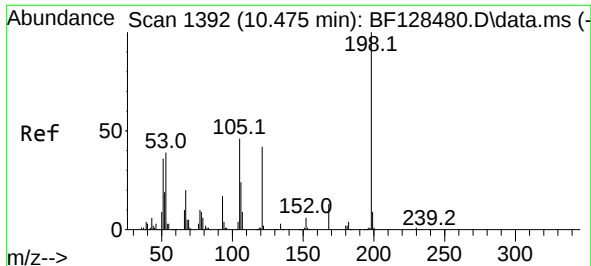
Tgt Ion:165 Resp: 20216
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.018 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

Tgt Ion:188 Resp: 221336
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.6 7.6 11.4

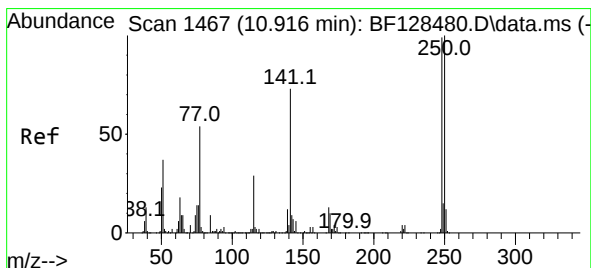
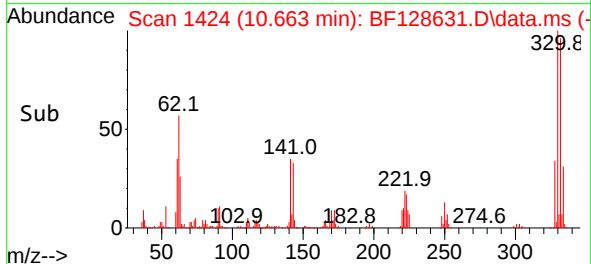
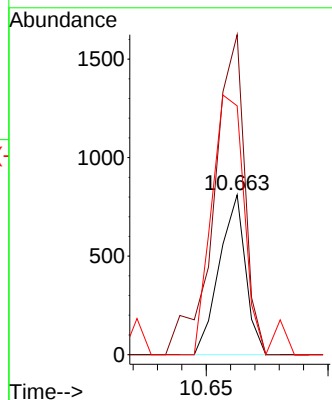
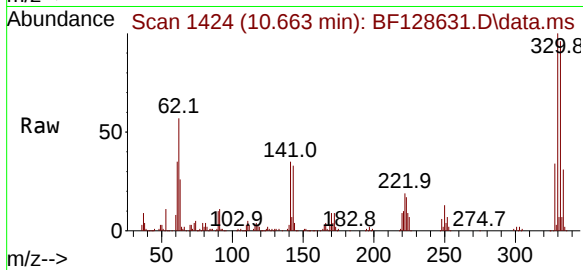




#65
4,6-Dinitro-2-methylphenol
Concen: 6.028 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

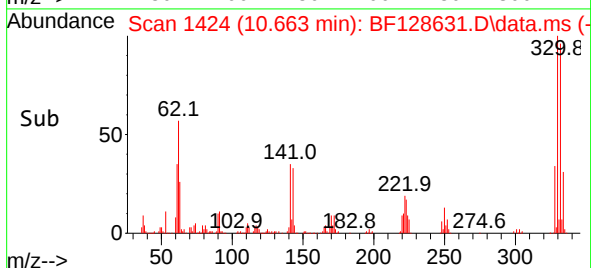
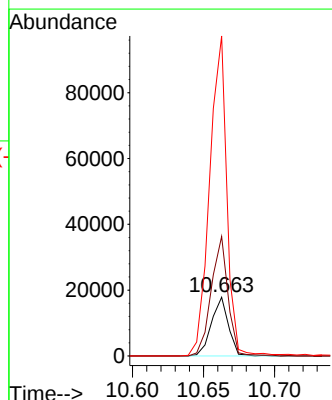
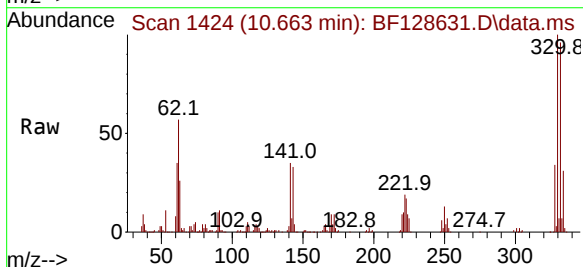
Instrument :
BNA_F
ClientSampleId :
P028-SS001-0006-01

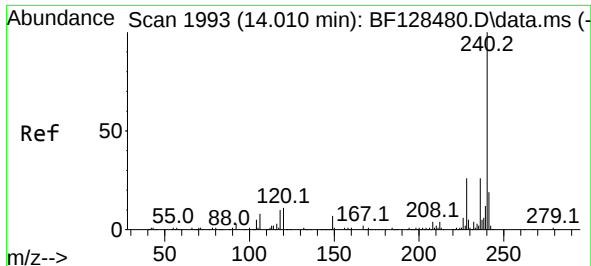
Tgt Ion:198 Resp: 608
Ion Ratio Lower Upper
198 100
51 200.2 37.6 77.6#
105 155.7 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 6.520 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

Tgt Ion:248 Resp: 14910
Ion Ratio Lower Upper
248 100
250 203.4 80.6 120.8#
141 544.6 58.9 88.3#

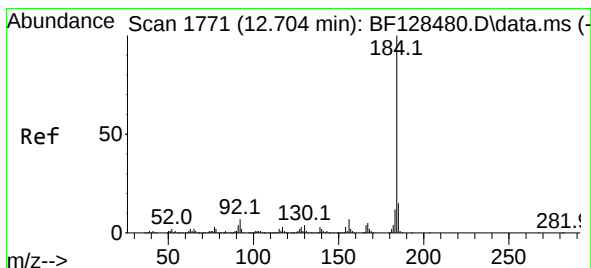
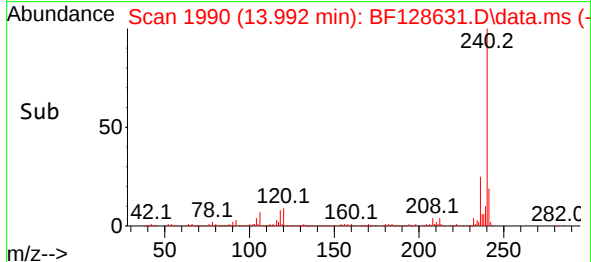
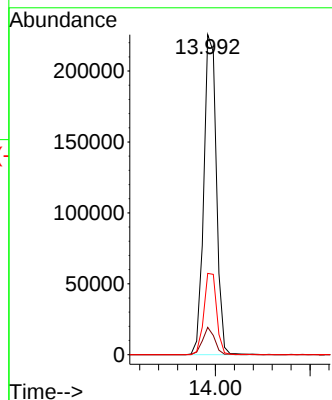
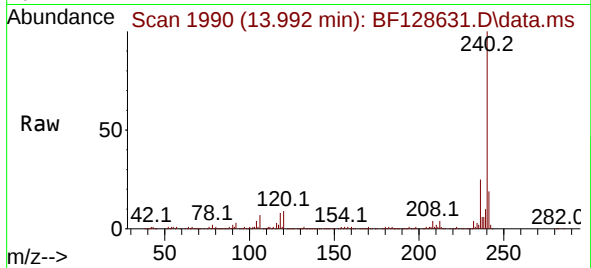




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1812
Delta R.T. -0.018 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

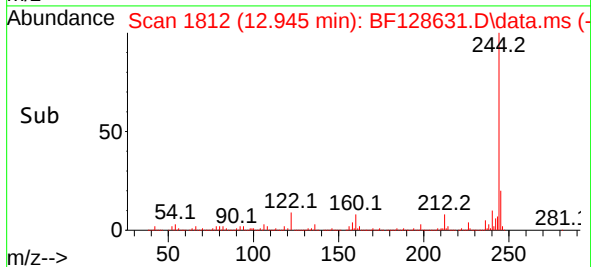
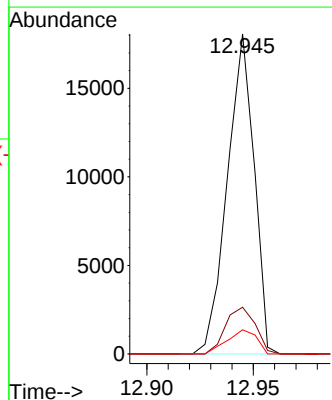
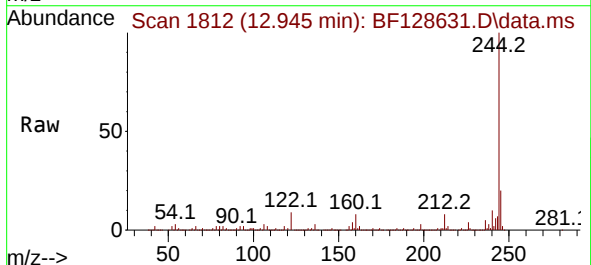
Instrument :
BNA_F
ClientSampleId :
P028-SS001-0006-01

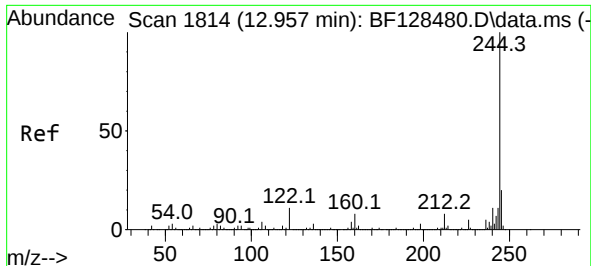
Tgt Ion:240 Resp: 208929
Ion Ratio Lower Upper
240 100
120 8.5 8.9 13.3#
236 25.4 20.8 31.2



#77
Benzidine
Concen: 3.286 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.241 min
Lab File: BF128631.D
Acq: 01 Jun 2022 19:24

Tgt Ion:184 Resp: 15836
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 7.6 9.3 13.9#

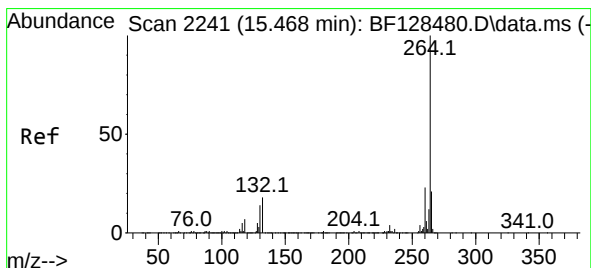
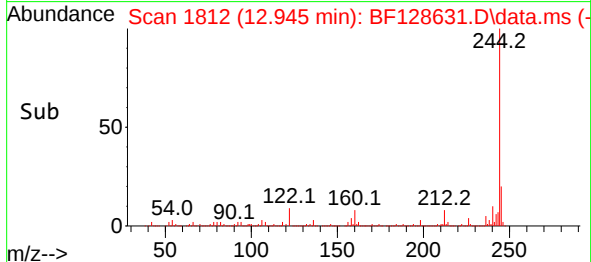
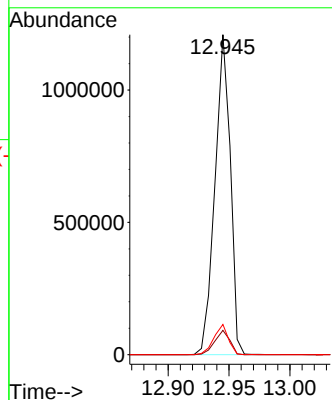
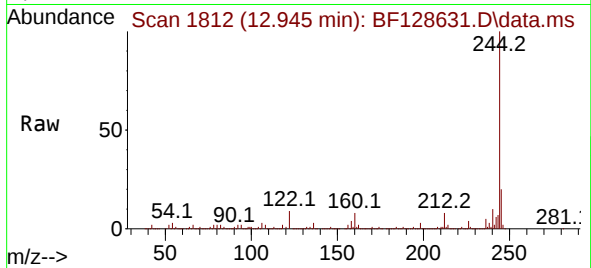




#79
 Terphenyl-d14
 Concen: 98.265 ng
 RT: 12.945 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF128631.D
 Acq: 01 Jun 2022 19:24

Instrument :
 BNA_F
 ClientSampleId :
 P028-SS001-0006-01

Tgt Ion:244 Resp: 1062675
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.5 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: BF128631.D
 Acq: 01 Jun 2022 19:24

Tgt Ion:264 Resp: 210169
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 22.0 17.2 25.8

