

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128449.D
 Acq On : 24 May 2022 22:08
 Operator : CG\JU
 Sample : N2896-14 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P039-SS001-1218-01

Quant Time: May 25 03:56:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 03:52:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

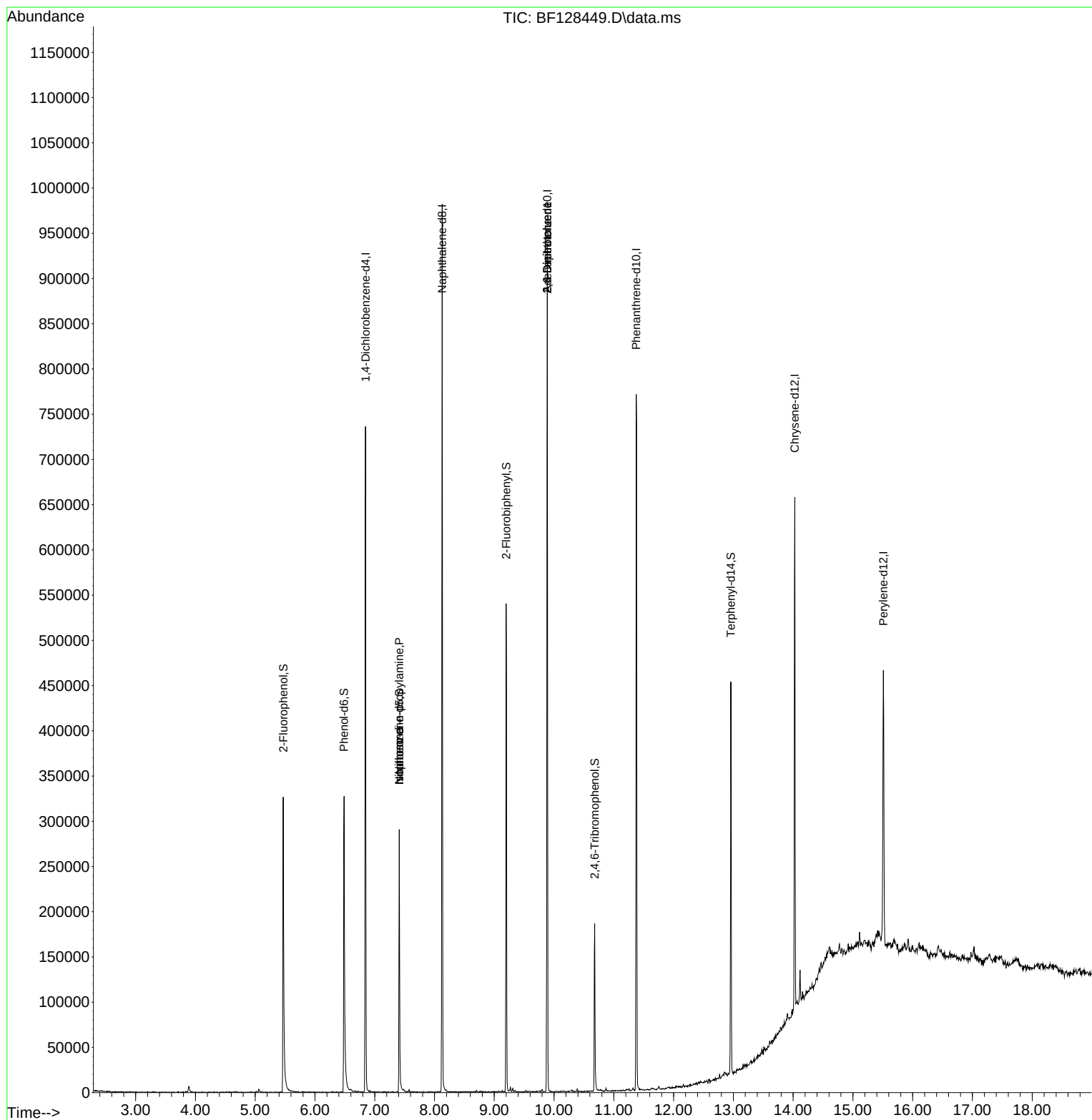
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	101942	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	372631	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	184268	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	296105	20.000	ng	0.00
76) Chrysene-d12	14.027	240	196545	20.000	ng	0.00
86) Perylene-d12	15.510	264	145487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	106393	16.609	ng	0.00
7) Phenol-d6	6.487	99	135140	16.021	ng	0.00
23) Nitrobenzene-d5	7.410	82	89723	10.788	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	22690	11.940	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	154531	13.714	ng	0.00
79) Terphenyl-d14	12.957	244	134174	13.178	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	213	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.410	70	10883	2.157 ng	#	83
25) Isophorone	7.410	82	89722	7.040 ng	#	68
51) 2,6-Dinitrotoluene	9.886	165	24043	9.366 ng	#	21
57) 2,4-Dinitrotoluene	9.886	165	24043	7.434 ng	#	26

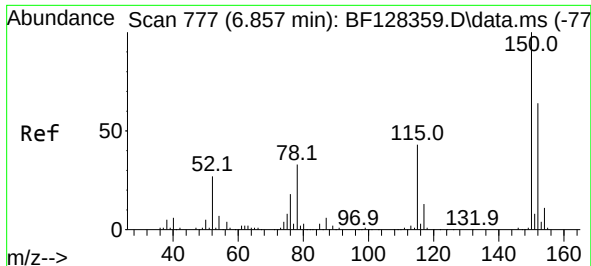
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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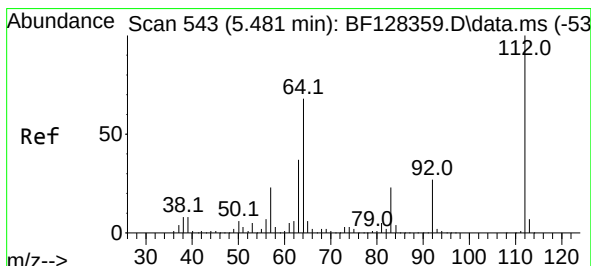
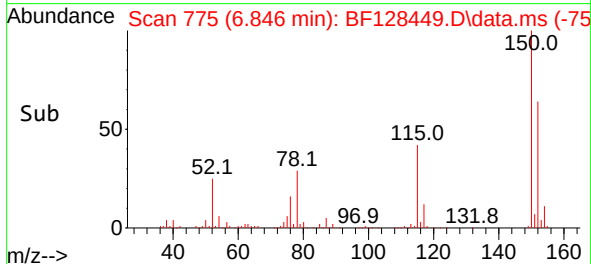
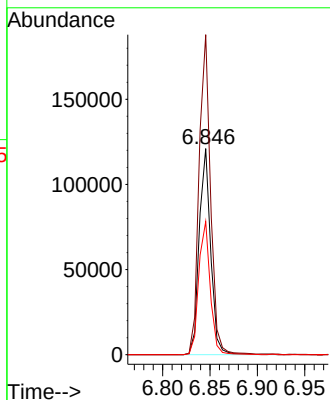
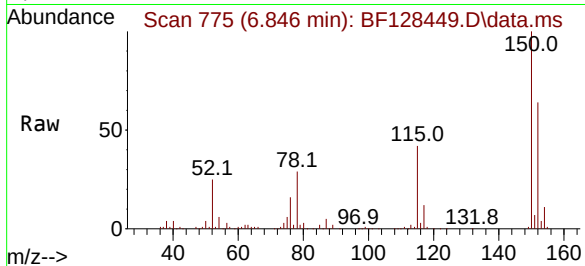




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF128449.D
Acq: 24 May 2022 22:08

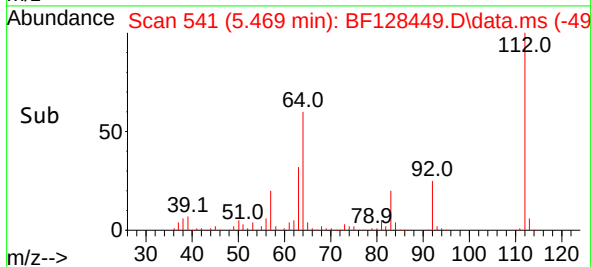
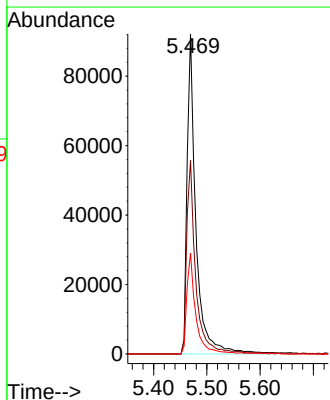
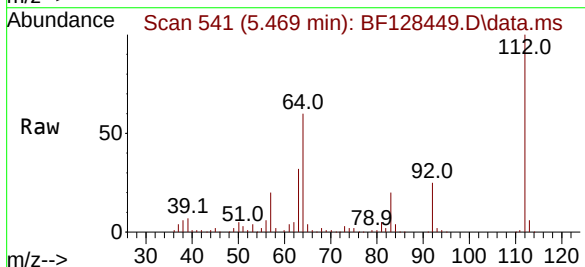
Instrument :
BNA_F
ClientSampleId :
P039-SS001-1218-01

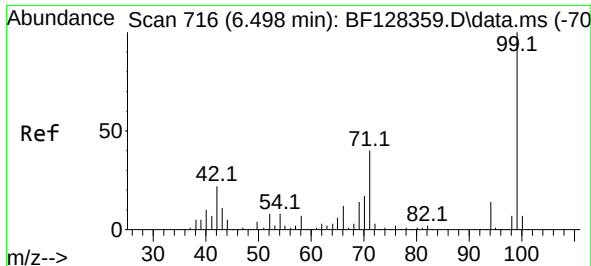
Tgt Ion:152 Resp: 101942
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 64.6 48.8 73.2



#5
2-Fluorophenol
Concen: 16.609 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.000 min
Lab File: BF128449.D
Acq: 24 May 2022 22:08

Tgt Ion:112 Resp: 106393
Ion Ratio Lower Upper
112 100
64 60.4 49.5 74.3
63 31.6 26.3 39.5

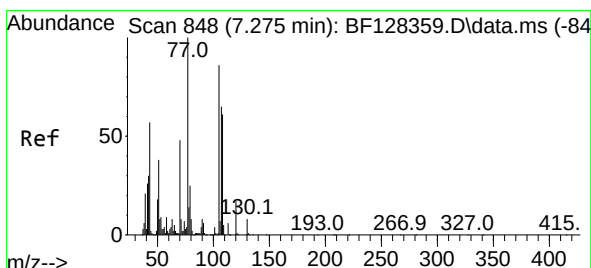
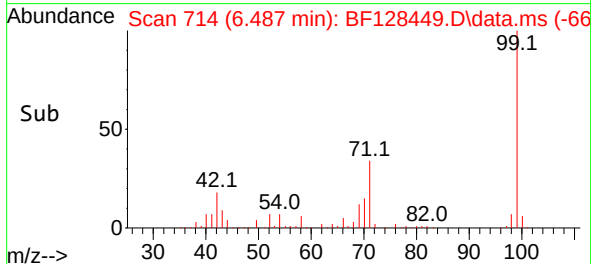
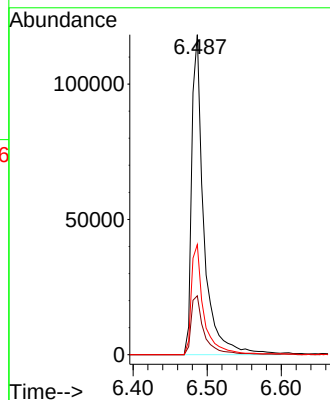
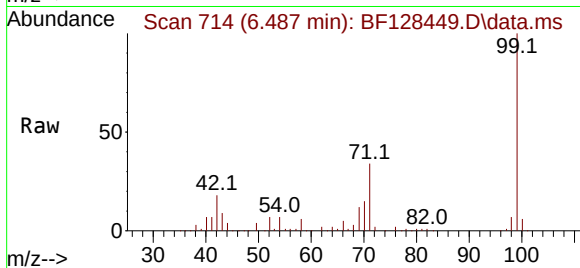




#7
Phenol-d6
Concen: 16.021 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128449.D
Acq: 24 May 2022 22:08

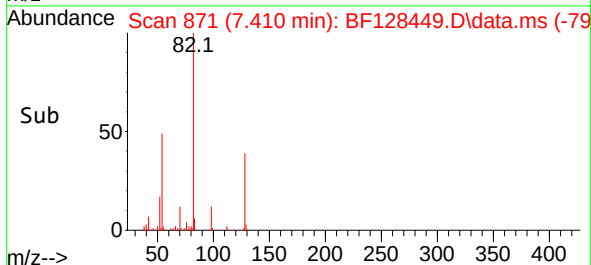
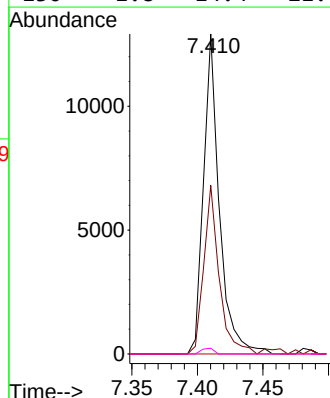
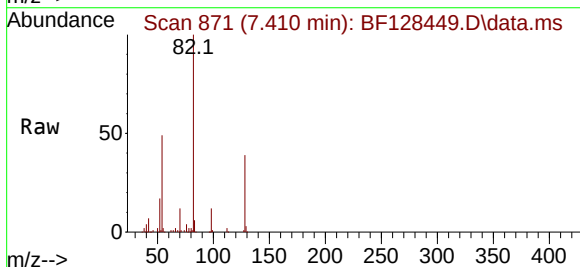
Instrument :
BNA_F
ClientSampleId :
P039-SS001-1218-01

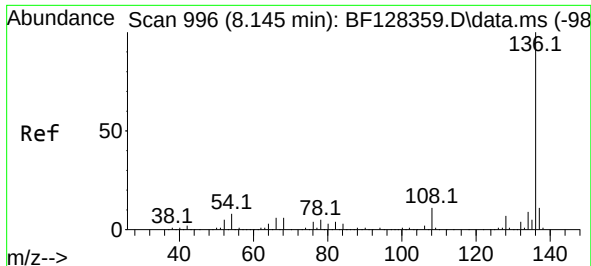
Tgt Ion: 99 Resp: 135140
Ion Ratio Lower Upper
99 100
42 18.4 16.6 24.8
71 34.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 2.157 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128449.D
Acq: 24 May 2022 22:08

Tgt Ion: 70 Resp: 10883
Ion Ratio Lower Upper
70 100
42 52.7 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF128449.D

Acq: 24 May 2022 22:08

Instrument :

BNA_F

ClientSampleId :

P039-SS001-1218-01

Tgt Ion:136 Resp: 372631

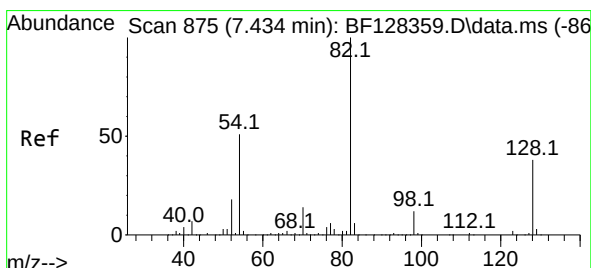
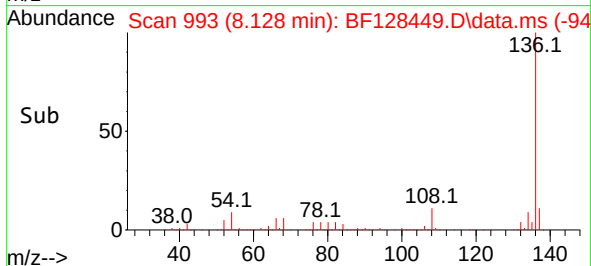
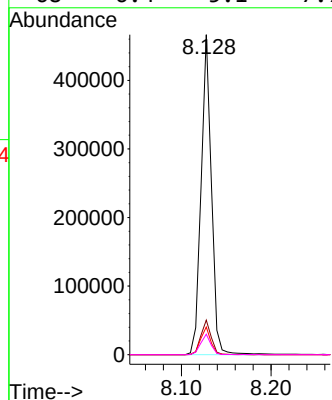
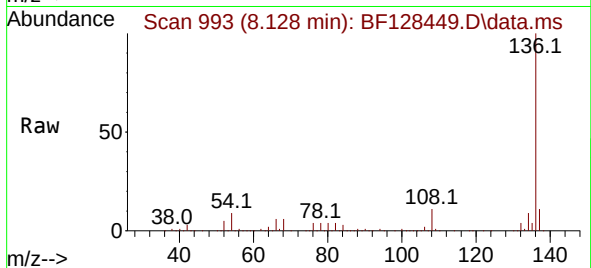
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.7 6.8 10.2

68 6.4 5.1 7.7



#23

Nitrobenzene-d5

Concen: 10.788 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.012 min

Lab File: BF128449.D

Acq: 24 May 2022 22:08

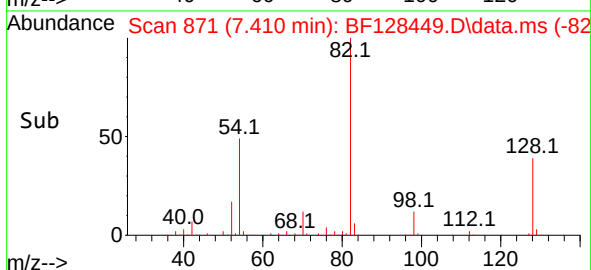
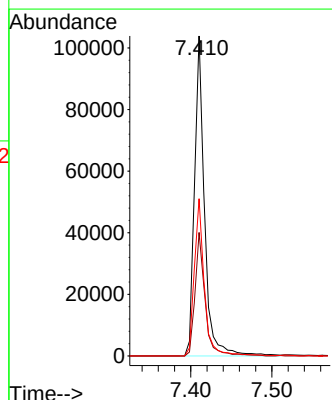
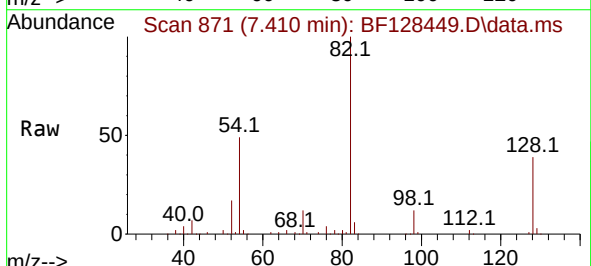
Tgt Ion: 82 Resp: 89723

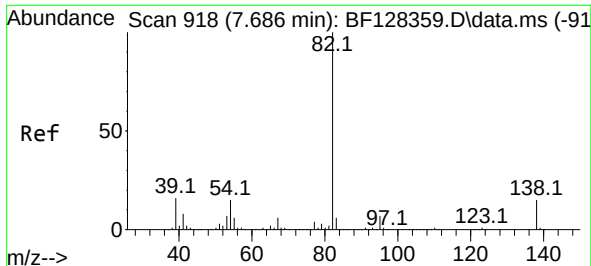
Ion Ratio Lower Upper

82 100

128 38.6 30.0 45.0

54 49.2 41.3 61.9

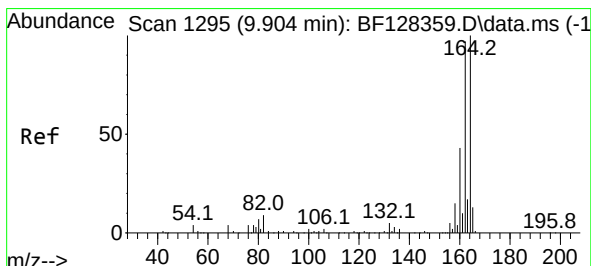
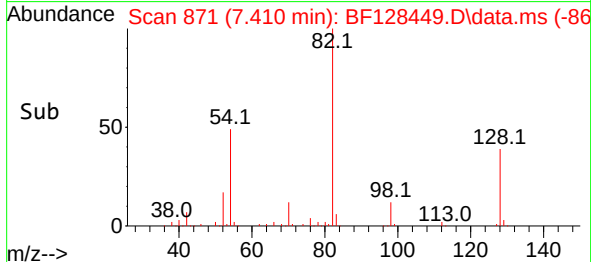
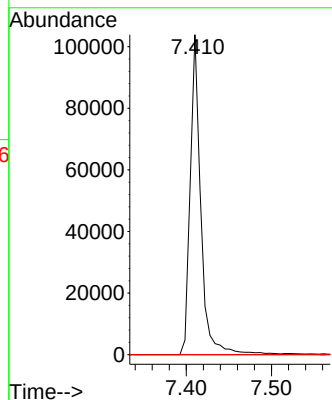
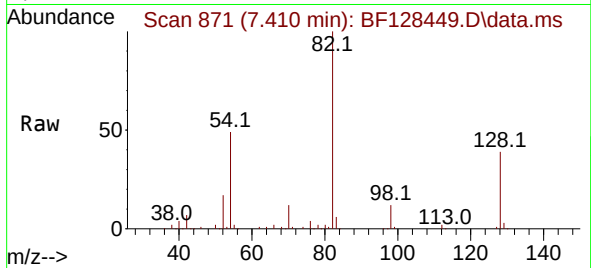




#25
Isophorone
Concen: 7.040 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128449.D
Acq: 24 May 2022 22:08

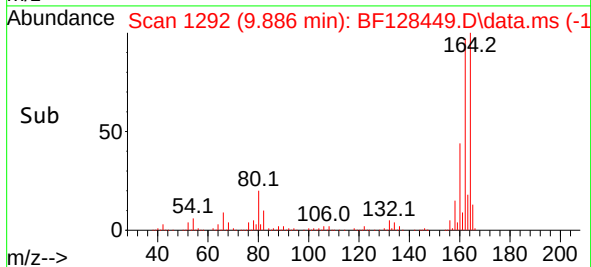
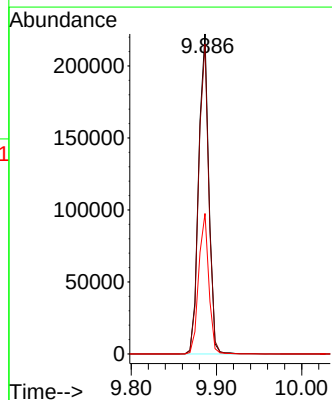
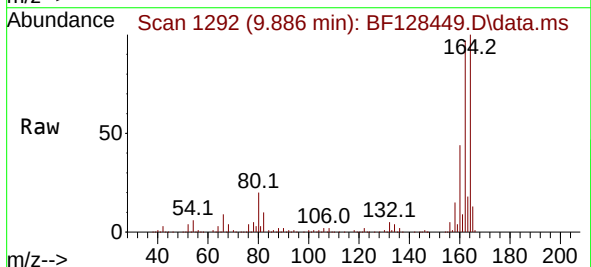
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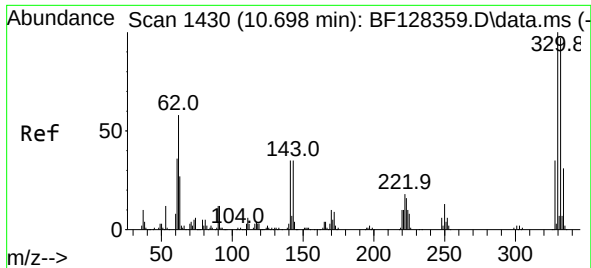
Tgt Ion: 82 Resp: 89722
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF128449.D
Acq: 24 May 2022 22:08

Tgt Ion:164 Resp: 184268
Ion Ratio Lower Upper
164 100
162 96.8 76.0 114.0
160 43.9 34.8 52.2

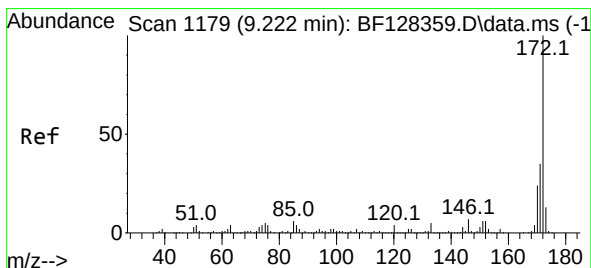
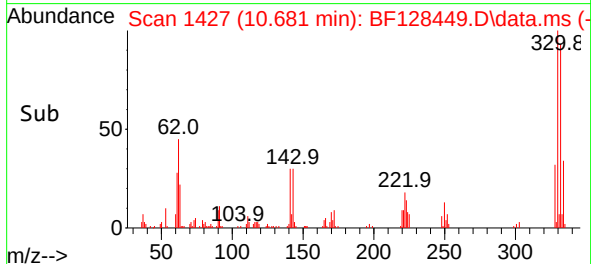
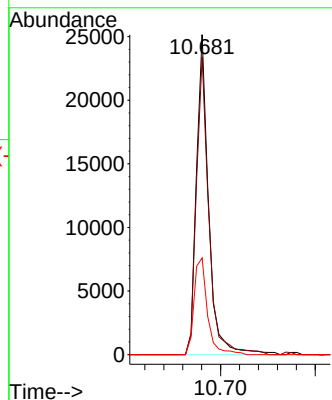
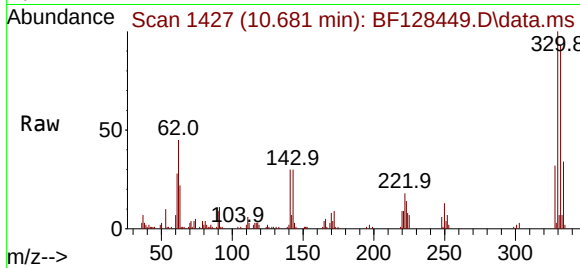




#42
 2,4,6-Tribromophenol
 Concen: 11.940 ng
 RT: 10.681 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: BF128449.D
 Acq: 24 May 2022 22:08

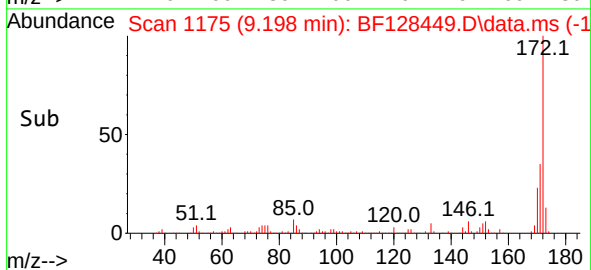
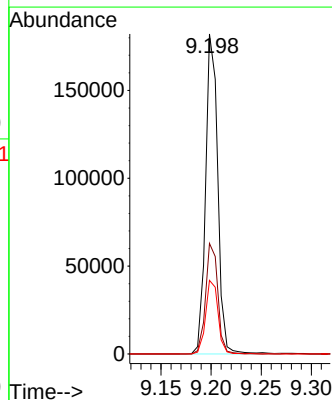
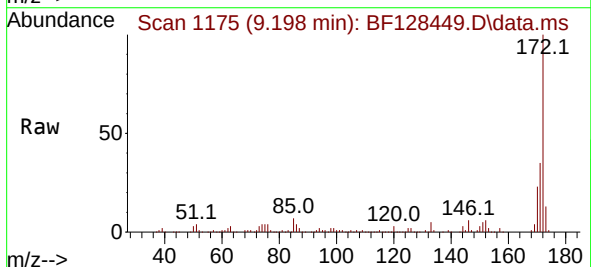
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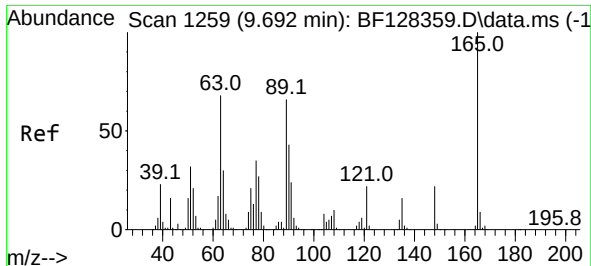
Tgt Ion: 330 Resp: 22690
 Ion Ratio Lower Upper
 330 100
 332 94.6 79.0 118.4
 141 33.1 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 13.714 ng
 RT: 9.198 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BF128449.D
 Acq: 24 May 2022 22:08

Tgt Ion: 172 Resp: 154531
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.6 42.8
 170 23.0 19.1 28.7

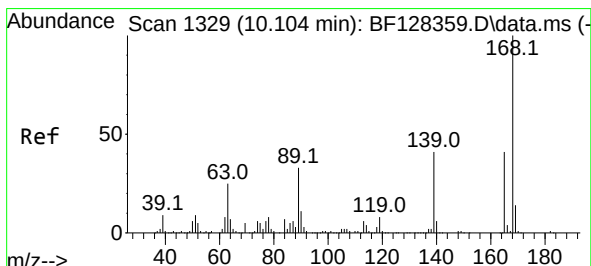
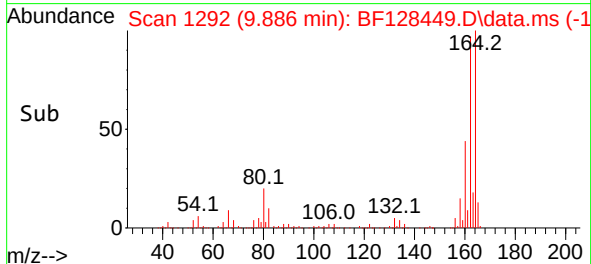
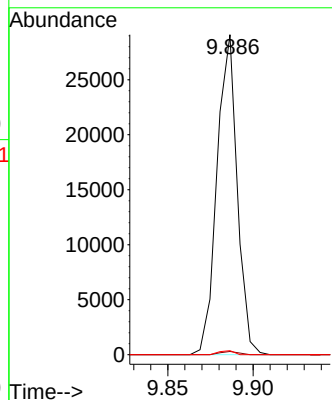
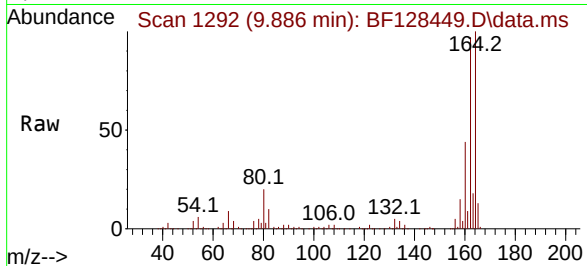




#51
2,6-Dinitrotoluene
Concen: 9.366 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128449.D
Acq: 24 May 2022 22:08

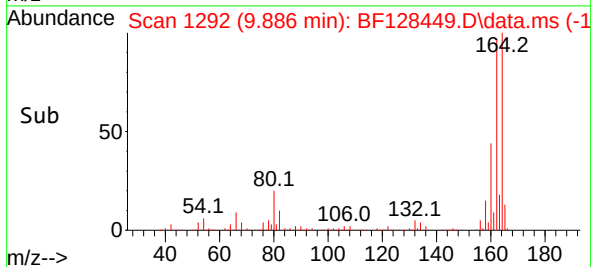
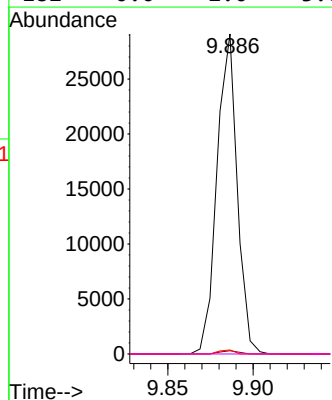
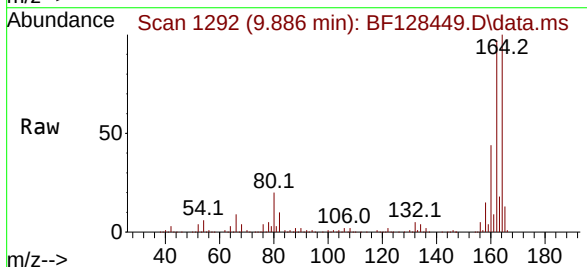
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P039-SS001-1218-01

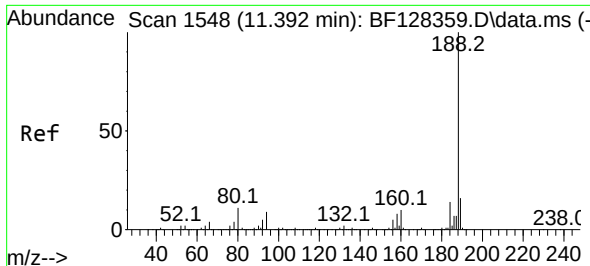
Tgt Ion:165 Resp: 24043
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.434 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.206 min
Lab File: BF128449.D
Acq: 24 May 2022 22:08

Tgt Ion:165 Resp: 24043
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#

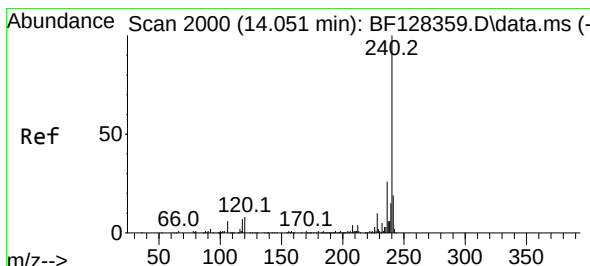
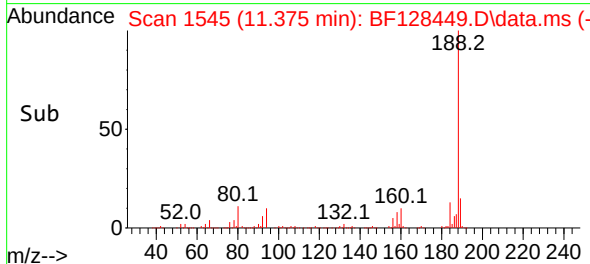
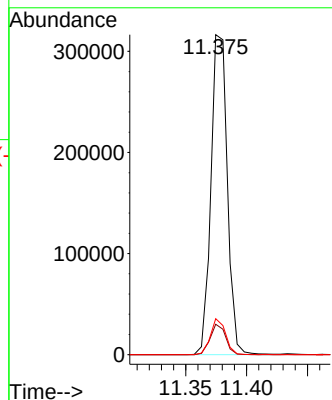
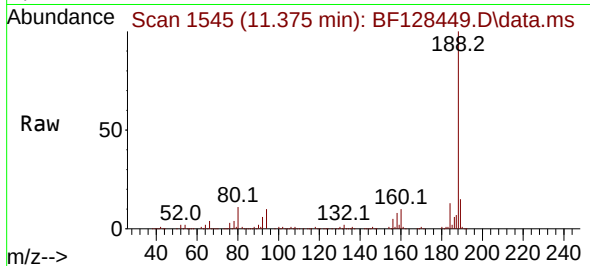




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128449.D
Acq: 24 May 2022 22:08

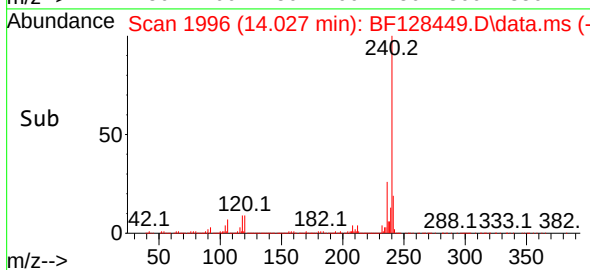
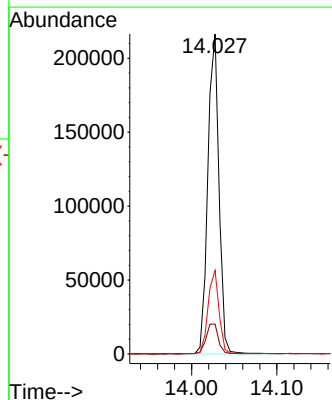
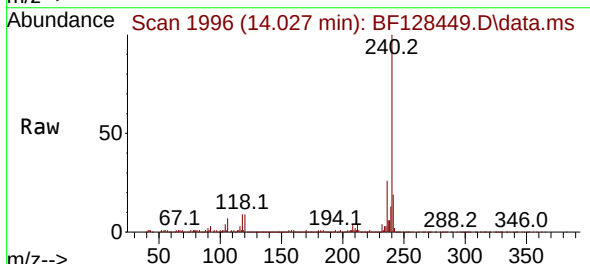
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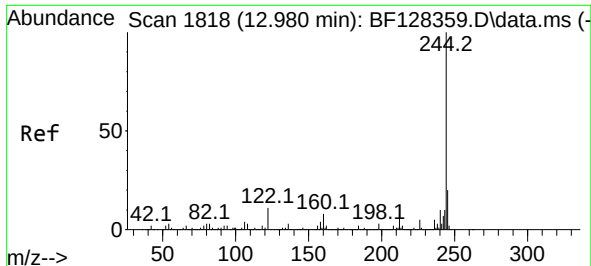
Tgt Ion:188 Resp: 296105
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 11.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128449.D
Acq: 24 May 2022 22:08

Tgt Ion:240 Resp: 196545
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 26.1 20.3 30.5

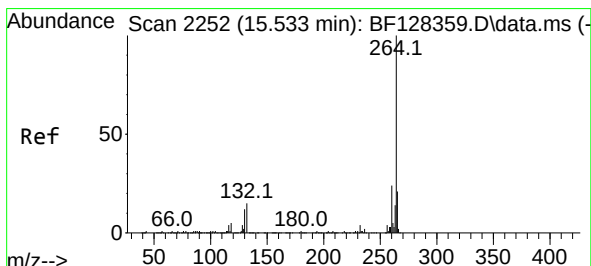
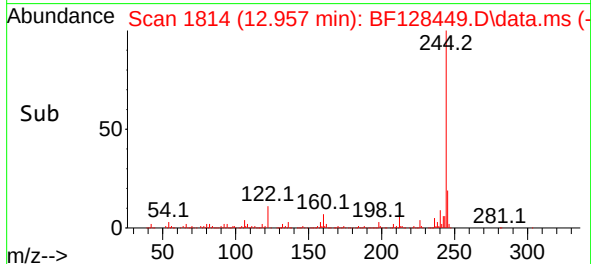
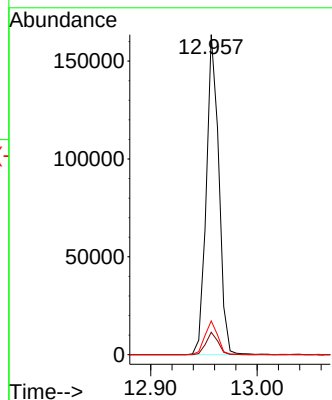
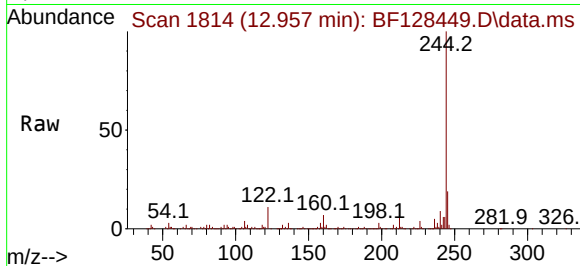




#79
 Terphenyl-d14
 Concen: 13.178 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128449.D
 Acq: 24 May 2022 22:08

Instrument :
 BNA_F
 ClientSampleId :
 P039-SS001-1218-01

Tgt Ion:244 Resp: 134174
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: BF128449.D
 Acq: 24 May 2022 22:08

Tgt Ion:264 Resp: 145487
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 20.5 17.5 26.3

