

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128877.D
 Acq On : 20 Jun 2022 15:26
 Operator : CG\JU
 Sample : N3373-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-13S

Quant Time: Jun 21 01:15:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 00:40:09 2022
 Response via : Initial Calibration

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

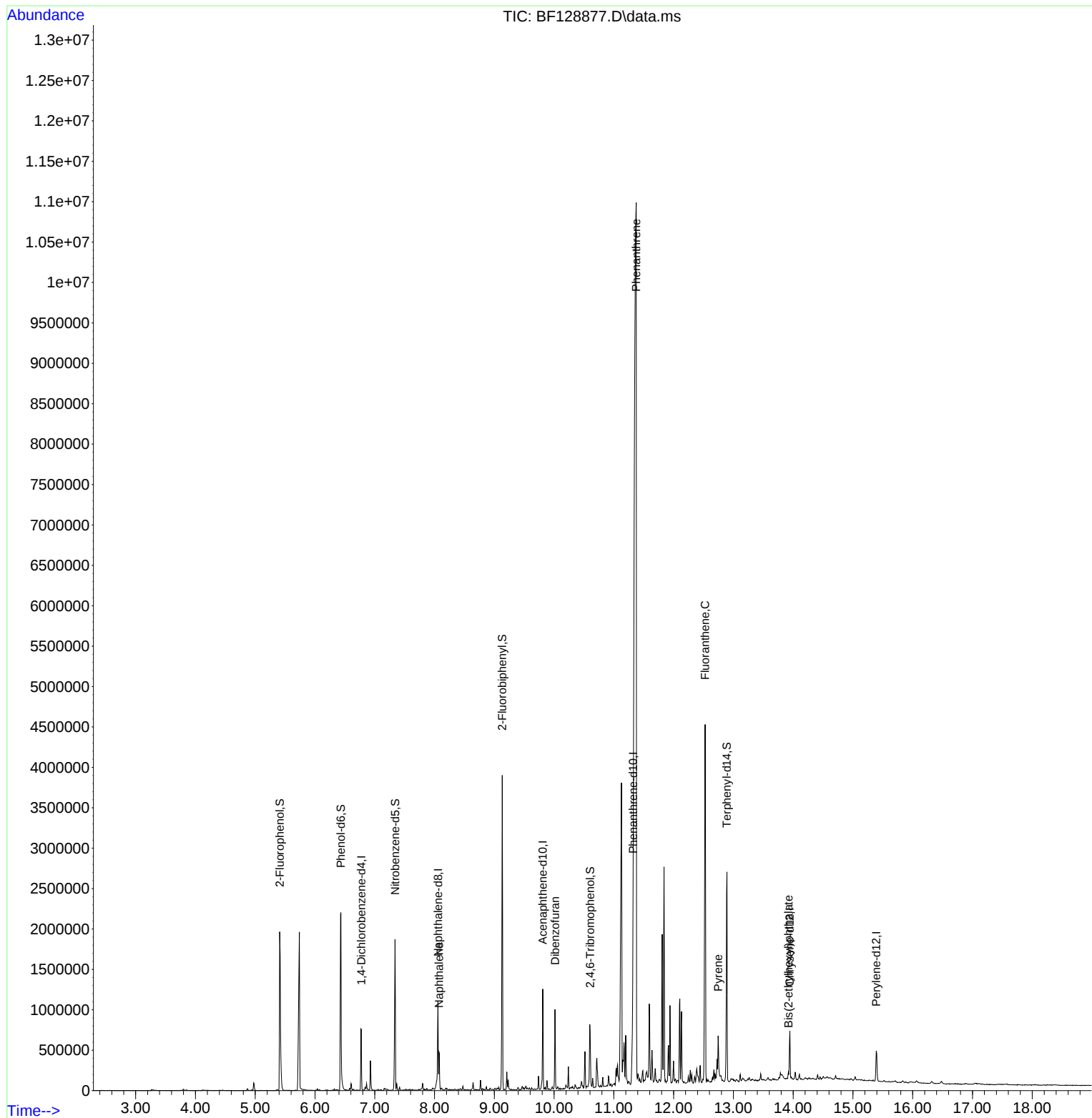
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	106238	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	418286	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	233938	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	382991	20.000	ng	0.02
76) Chrysene-d12	13.945	240	197826	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	166355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	538414	80.725	ng	0.00
7) Phenol-d6	6.434	99	744379	91.429	ng	0.00
23) Nitrobenzene-d5	7.339	82	568336	63.260	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	37226	13.468	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1091670	65.368	ng	0.00
79) Terphenyl-d14	12.892	244	889884	78.164	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.075	128	181156	8.439	ng	100
55) Dibenzofuran	10.016	168	313951	16.360	ng	94
71) Phenanthrene	11.374	178	10554007	549.401	ng	# 93
75) Fluoranthene	12.527	202	2093639	104.264	ng	99
78) Pyrene	12.745	202	219820	14.935	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	20500	2.551	ng	# 99

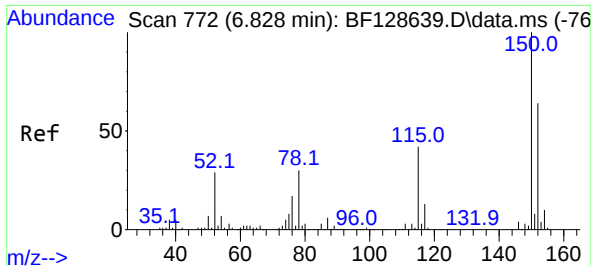
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
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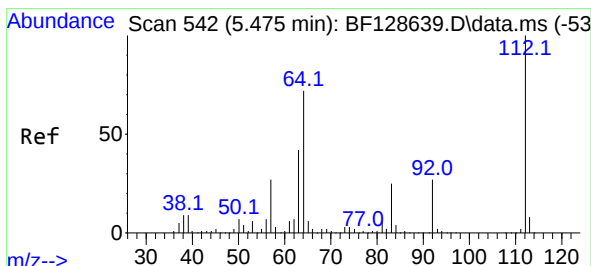
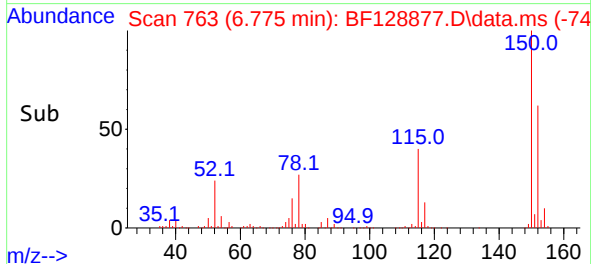
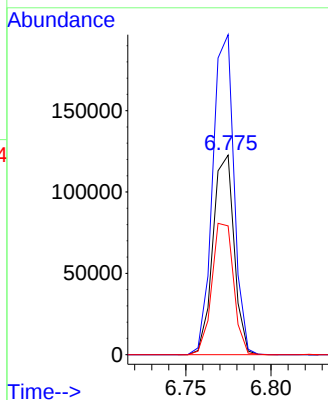
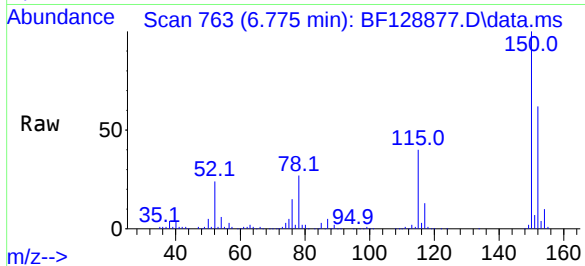




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

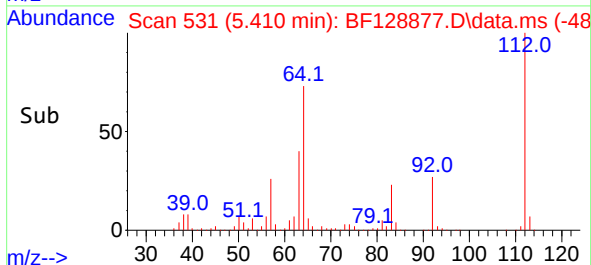
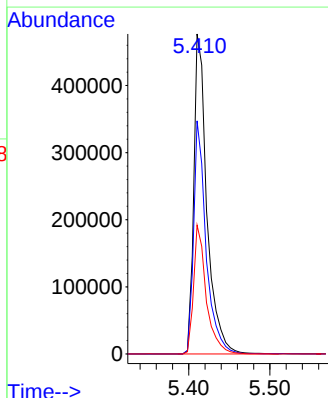
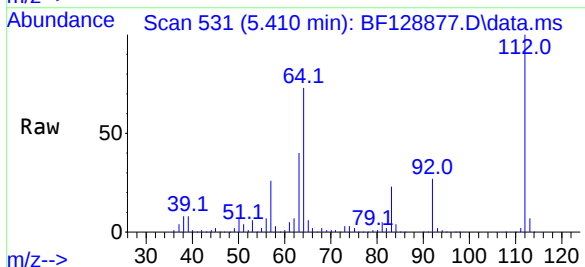
Instrument :
BNA_F
ClientSampleId :
SC-13S

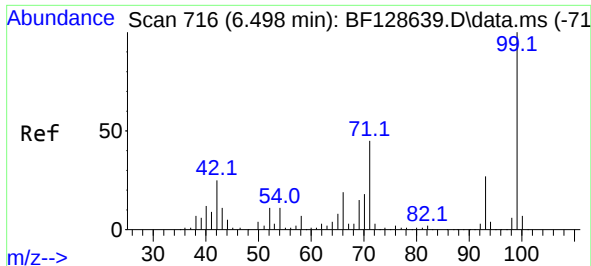
Tgt Ion:152 Resp: 106238
Ion Ratio Lower Upper
152 100
150 160.4 123.7 185.5
115 64.6 49.9 74.9



#5
2-Fluorophenol
Concen: 80.725 ng
RT: 5.410 min Scan# 531
Delta R.T. -0.000 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

Tgt Ion:112 Resp: 538414
Ion Ratio Lower Upper
112 100
64 72.8 53.3 79.9
63 40.3 28.0 42.0

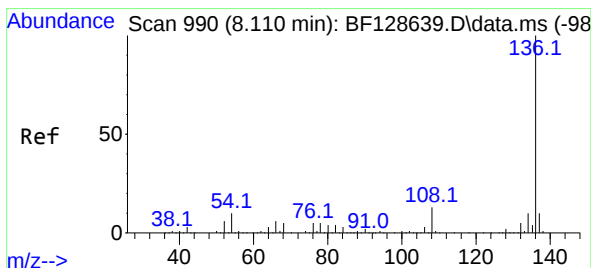
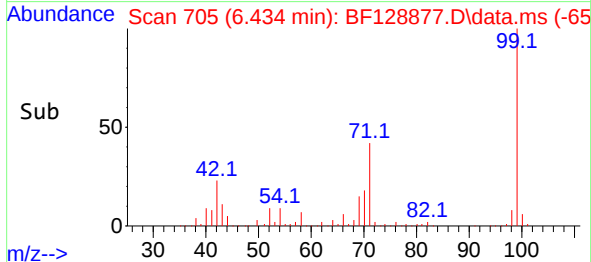
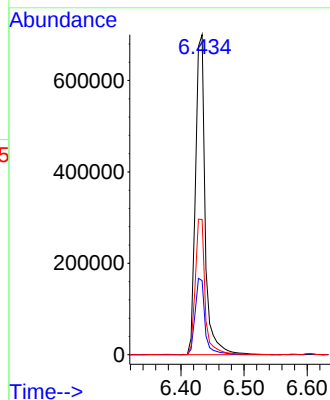
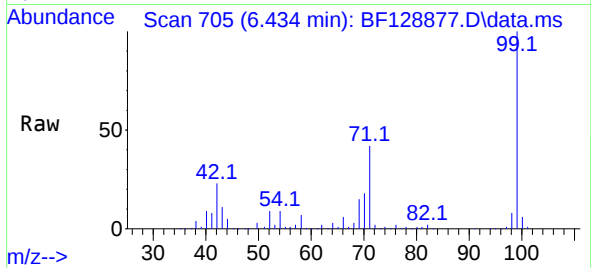




#7
Phenol-d6
Concen: 91.429 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

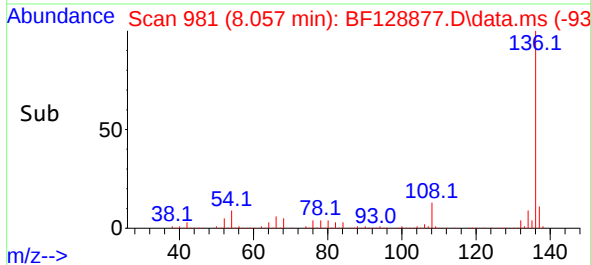
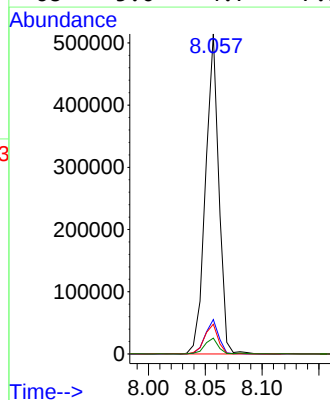
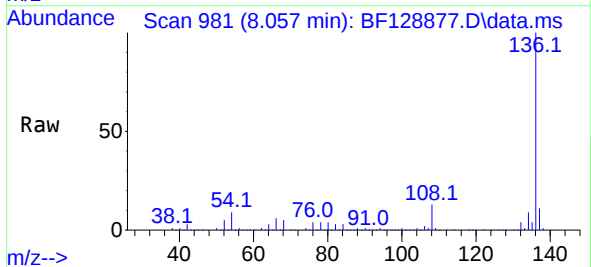
Instrument :
BNA_F
ClientSampleId :
SC-13S

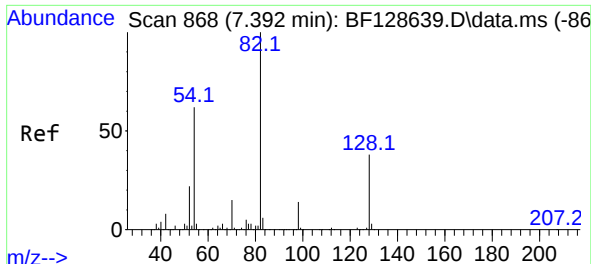
Tgt Ion: 99 Resp: 744379
Ion Ratio Lower Upper
99 100
42 23.1 17.3 25.9
71 42.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

Tgt Ion: 136 Resp: 418286
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.3 7.5 11.3
68 5.0 4.7 7.1

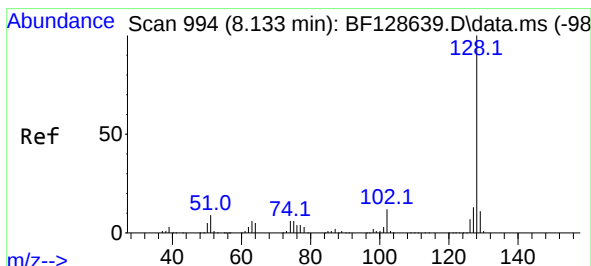
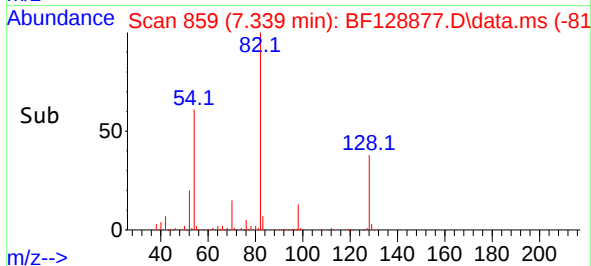
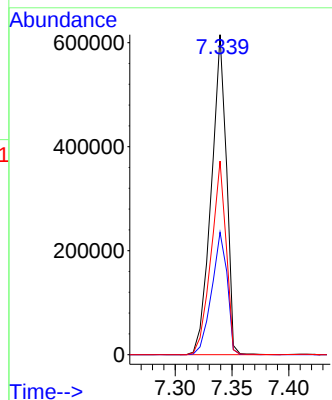
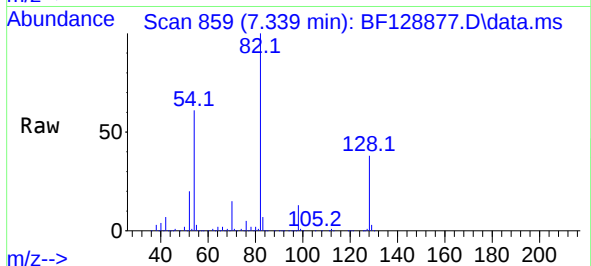




#23
Nitrobenzene-d5
Concen: 63.260 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

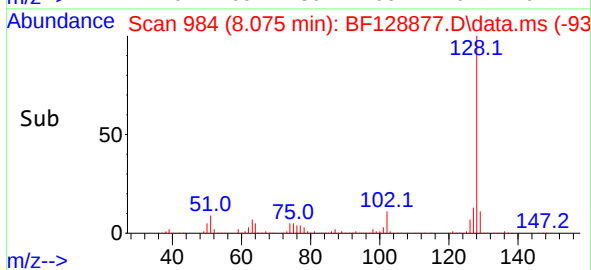
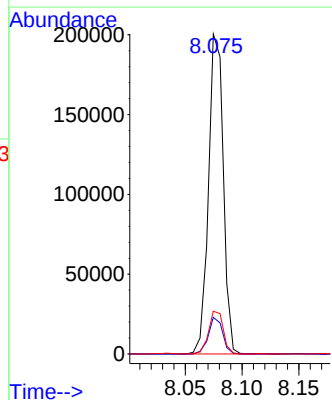
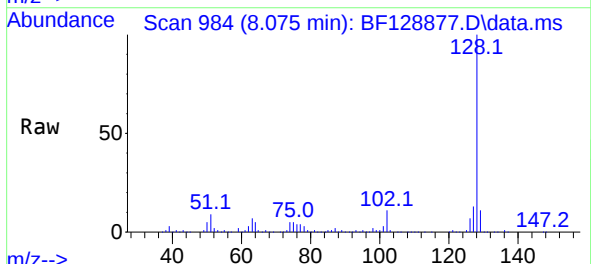
Instrument :
BNA_F
ClientSampleId :
SC-13S

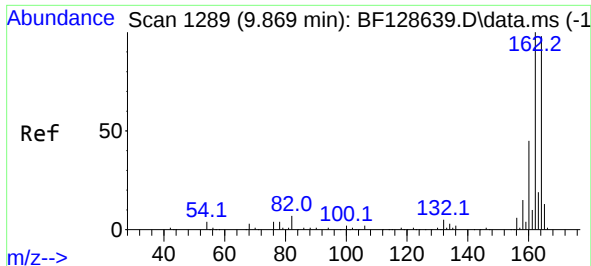
Tgt Ion: 82 Resp: 568336
Ion Ratio Lower Upper
82 100
128 38.3 34.0 51.0
54 60.5 46.9 70.3



#31
Naphthalene
Concen: 8.439 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.012 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

Tgt Ion: 128 Resp: 181156
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.3 10.5 15.7

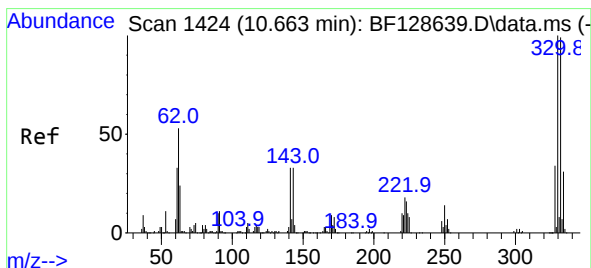
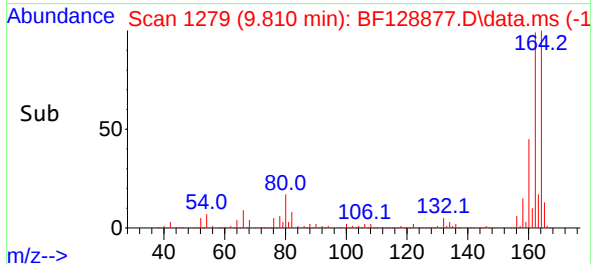
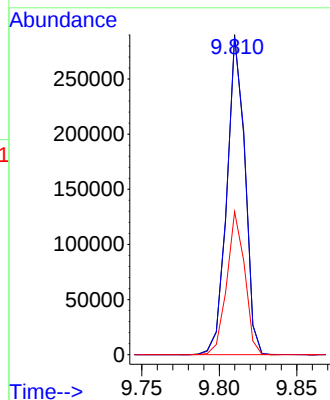
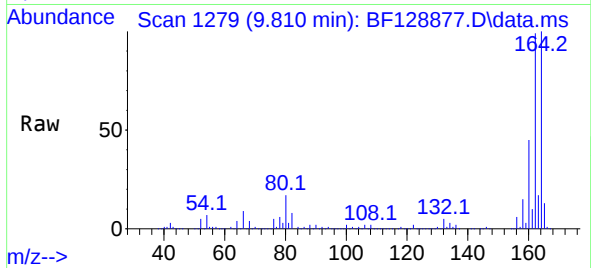




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

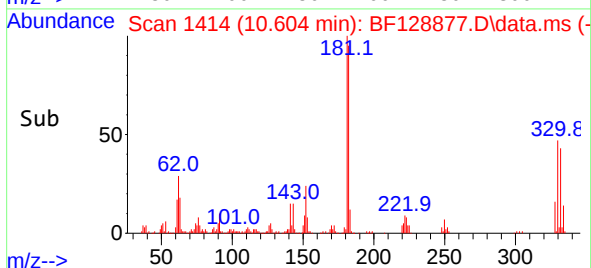
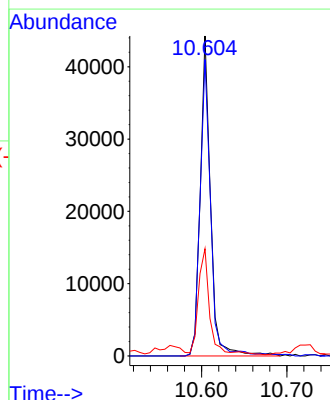
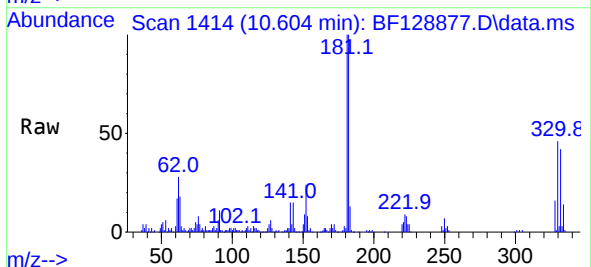
Instrument :
BNA_F
ClientSampleId :
SC-13S

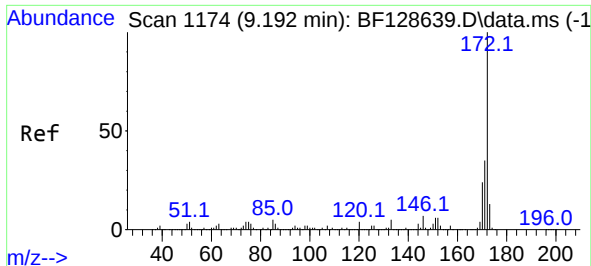
Tgt Ion:164 Resp: 233938
Ion Ratio Lower Upper
164 100
162 99.1 79.5 119.3
160 44.7 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 13.468 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

Tgt Ion:330 Resp: 37226
Ion Ratio Lower Upper
330 100
332 94.7 76.8 115.2
141 32.8 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 65.368 ng

RT: 9.133 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF128877.D

Acq: 20 Jun 2022 15:26

Instrument :

BNA_F

ClientSampleId :

SC-13S

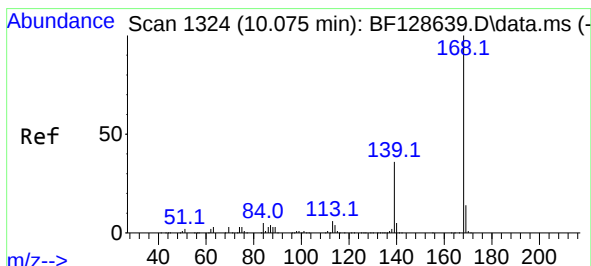
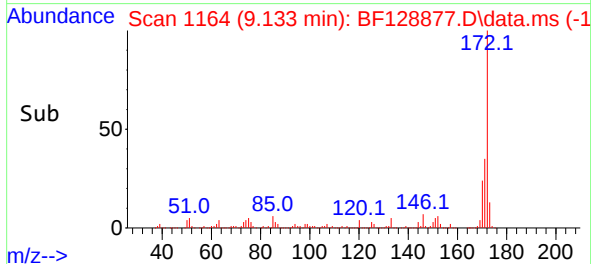
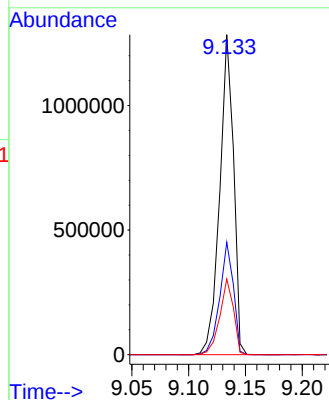
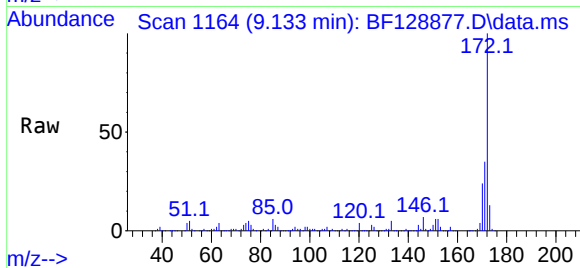
Tgt Ion:172 Resp: 1091670

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.7 19.8 29.8



#55

Dibenzofuran

Concen: 16.360 ng

RT: 10.016 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF128877.D

Acq: 20 Jun 2022 15:26

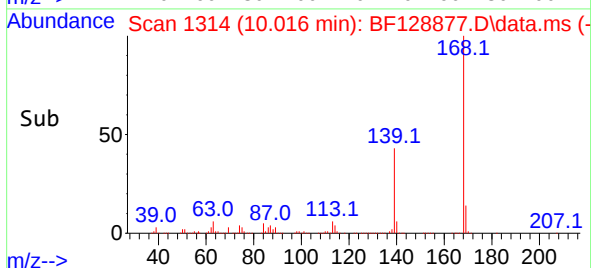
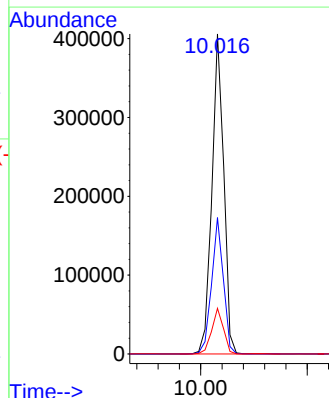
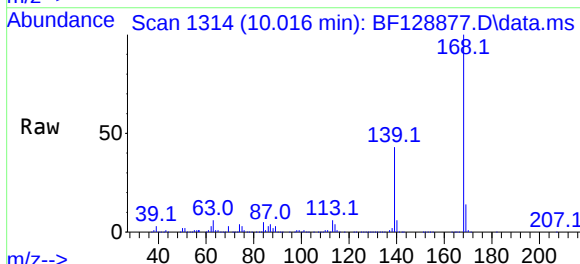
Tgt Ion:168 Resp: 313951

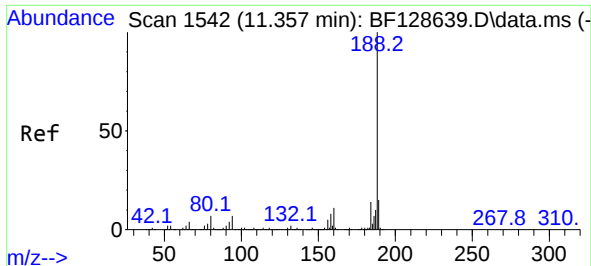
Ion Ratio Lower Upper

168 100

139 42.6 30.6 46.0

169 14.3 11.0 16.6

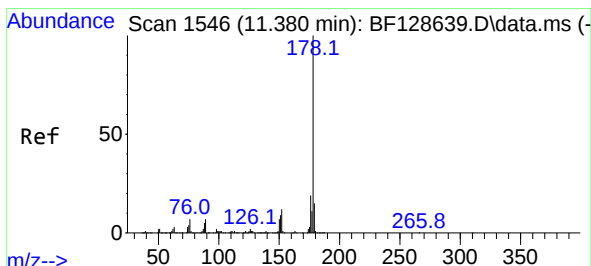
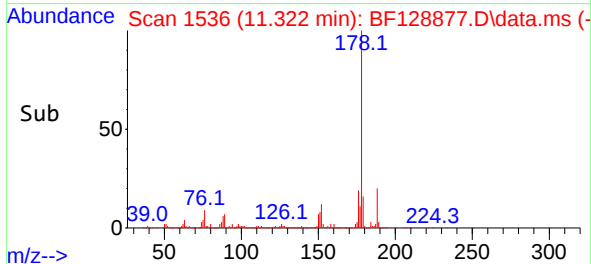
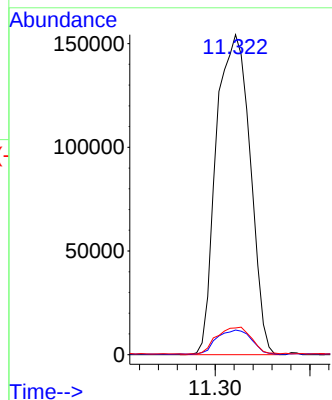
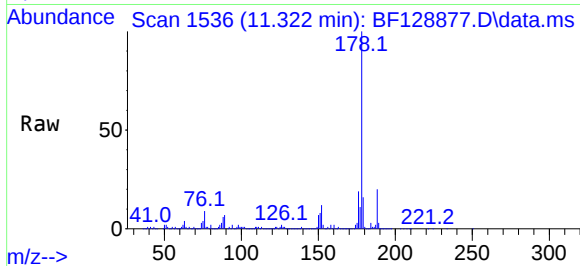




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

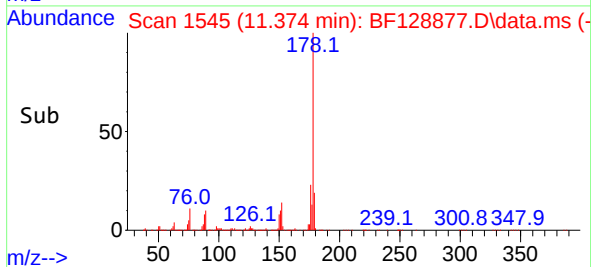
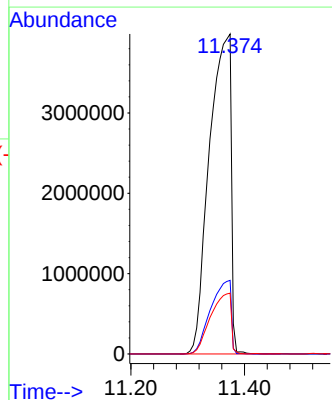
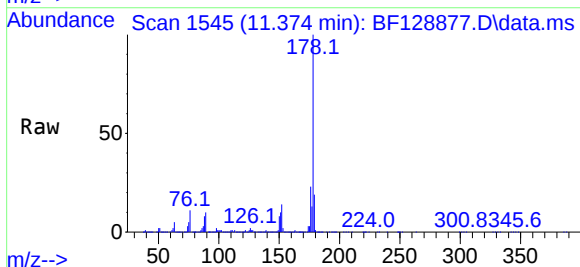
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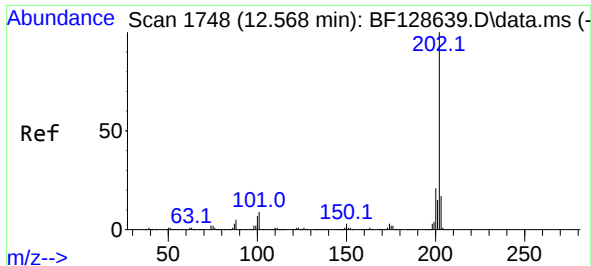
Tgt Ion:188 Resp: 382991
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.3 7.6 11.4



#71
Phenanthrene
Concen: 549.401 ng
RT: 11.374 min Scan# 1545
Delta R.T. 0.041 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

Tgt Ion:178 Resp:10554007
Ion Ratio Lower Upper
178 100
176 23.0 16.0 24.0
179 19.0 12.6 19.0#

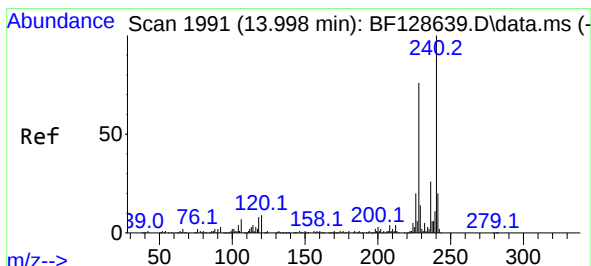
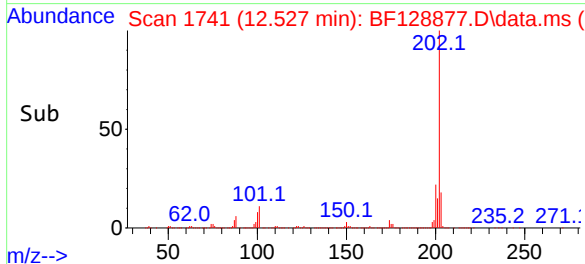
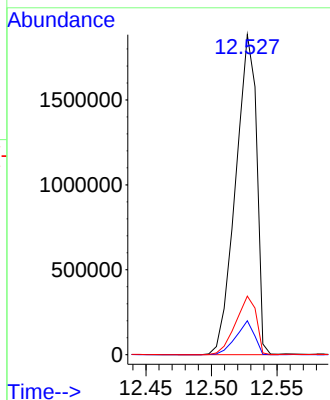
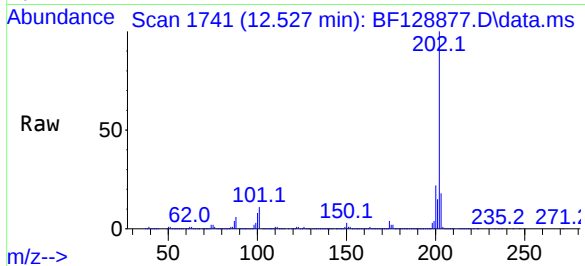




#75
Fluoranthene
Concen: 104.264 ng
RT: 12.527 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

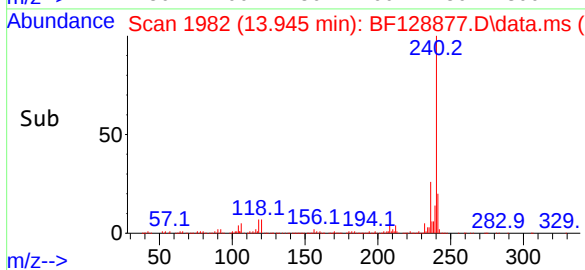
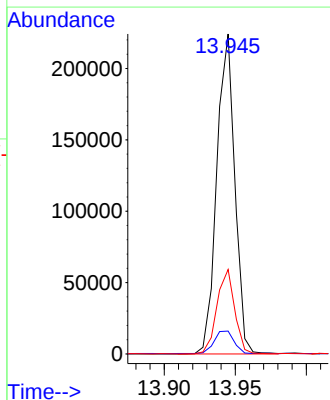
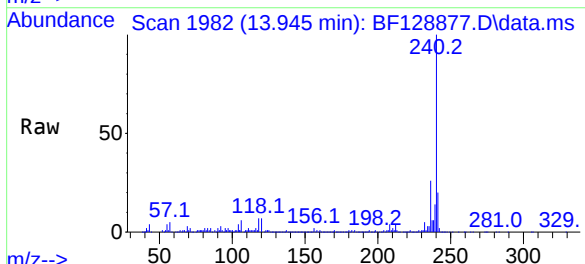
Instrument :
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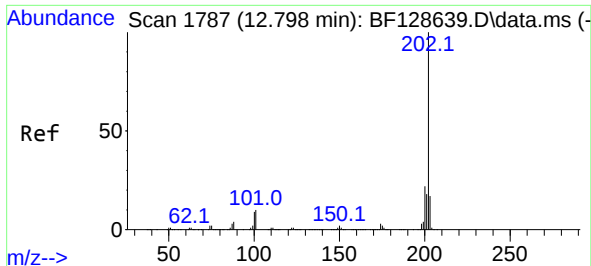
Tgt Ion:202 Resp: 2093639
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 18.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

Tgt Ion:240 Resp: 197826
Ion Ratio Lower Upper
240 100
120 7.1 8.9 13.3#
236 26.4 20.8 31.2

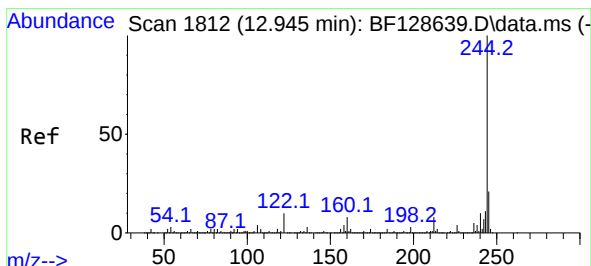
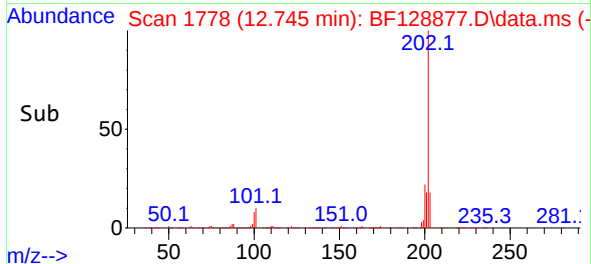
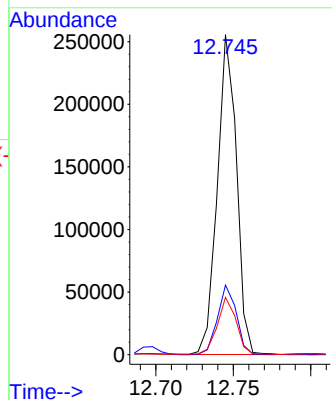
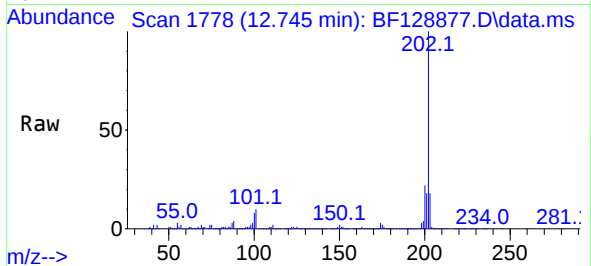




#78
 Pyrene
 Concen: 14.935 ng
 RT: 12.745 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF128877.D
 Acq: 20 Jun 2022 15:26

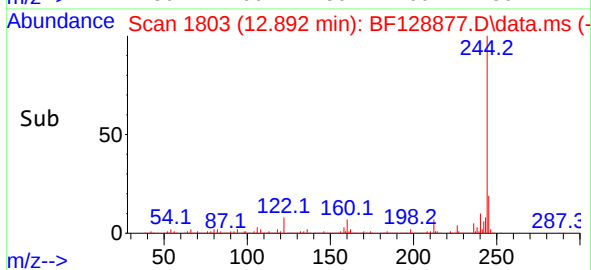
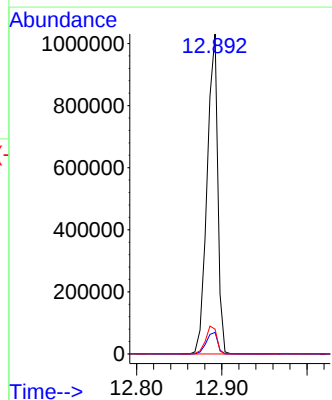
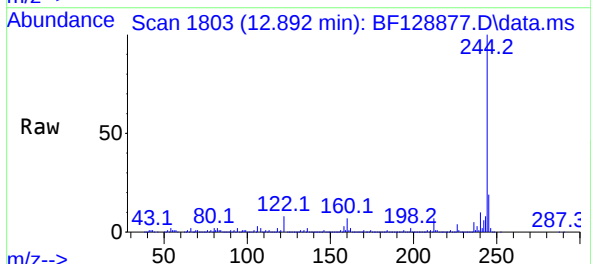
Instrument :
 BNA_F
 ClientSampleId :
 SC-13S

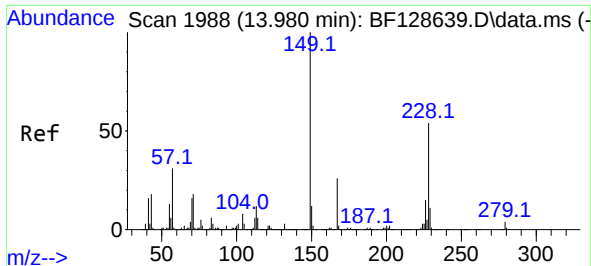
Tgt Ion:202 Resp: 219820
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.7 26.5
 203 17.9 14.6 21.8



#79
 Terphenyl-d14
 Concen: 78.164 ng
 RT: 12.892 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: BF128877.D
 Acq: 20 Jun 2022 15:26

Tgt Ion:244 Resp: 889884
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 7.7 8.8 13.2#

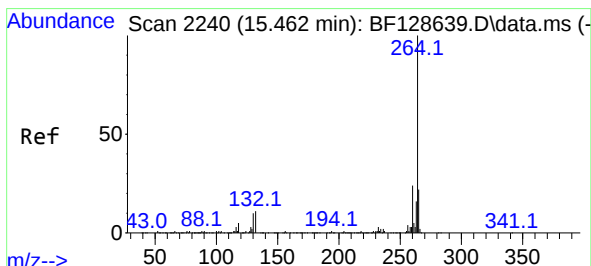
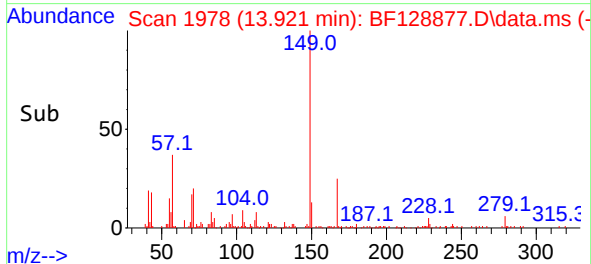
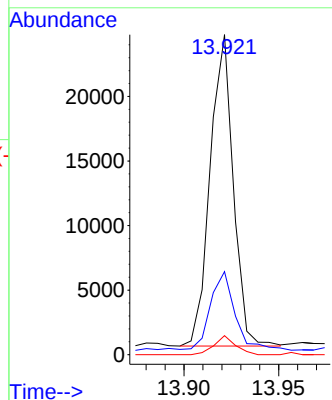
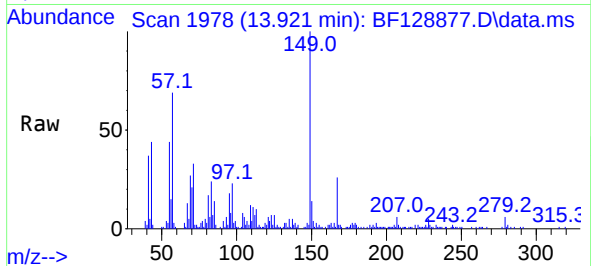




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.551 ng
RT: 13.921 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

Instrument :
BNA_F
ClientSampleId :
SC-13S

Tgt Ion:149 Resp: 20500
Ion Ratio Lower Upper
149 100
167 26.0 21.0 31.4
279 6.0 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BF128877.D
Acq: 20 Jun 2022 15:26

Tgt Ion:264 Resp: 166355
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.2 17.2 25.8

