

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128856.D
 Acq On : 17 Jun 2022 16:09
 Operator : CG\JU
 Sample : N3373-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-1W

Quant Time: Jun 18 05:06:42 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 14 14:53:53 2022
 Response via : Initial Calibration

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

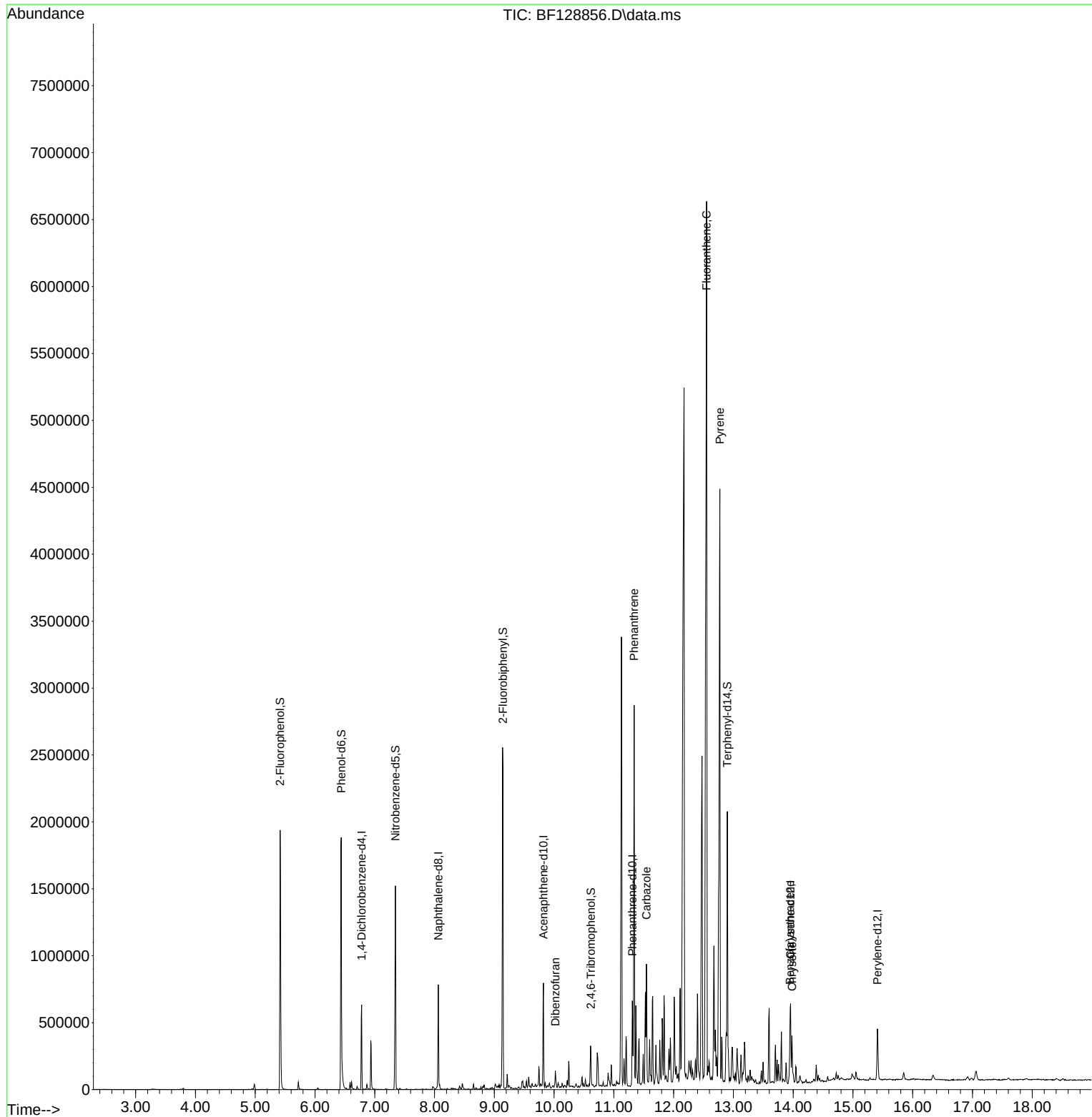
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	84463	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	290617	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	148696	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	235645	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	170502	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	167450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	463659	87.438	ng	0.00
7) Phenol-d6	6.440	99	649141	100.287	ng	0.00
23) Nitrobenzene-d5	7.345	82	459135	73.556	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	32536	18.519	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	798265	75.201	ng	0.00
79) Terphenyl-d14	12.898	244	618326	63.015	ng	0.00
Target Compounds						
						Qvalue
55) Dibenzofuran	10.022	168	37443	3.070	ng	93
71) Phenanthrene	11.339	178	994640	84.153	ng	98
73) Carbazole	11.545	167	318944	29.353	ng	99
75) Fluoranthene	12.551	202	3634819	294.201	ng	98
78) Pyrene	12.774	202	1981839	156.231	ng	99
81) Benzo(a)anthracene	13.945	228	122399	11.517	ng	97
83) Chrysene	13.980	228	122646	12.104	ng	99

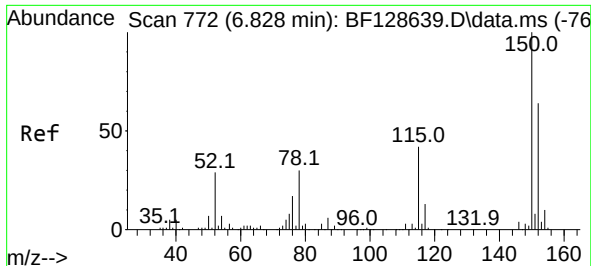
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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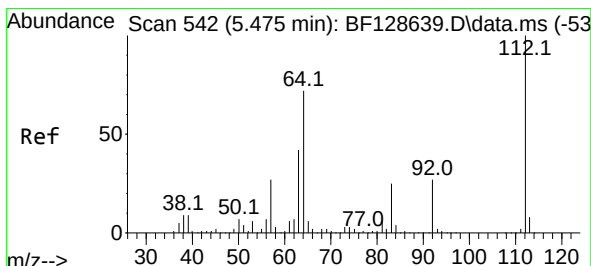
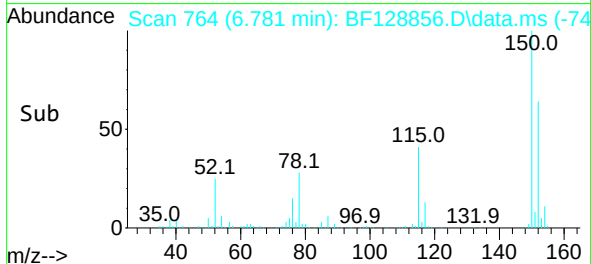
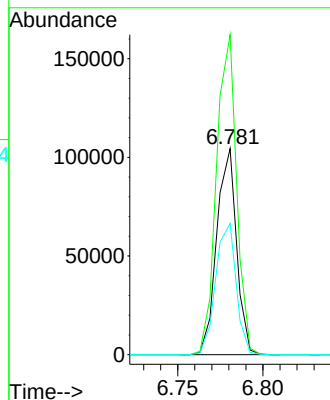
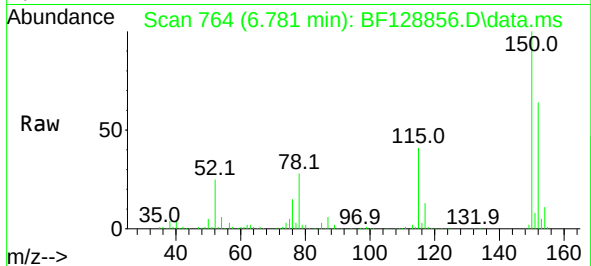




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

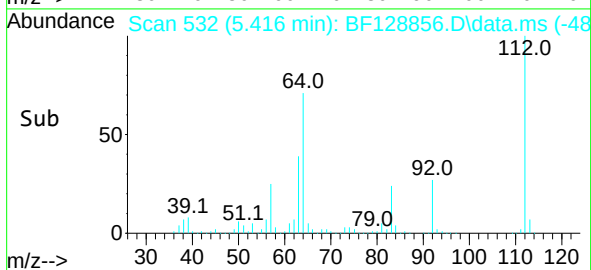
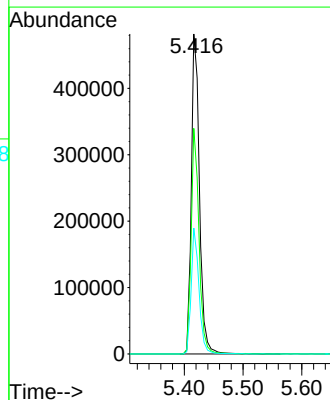
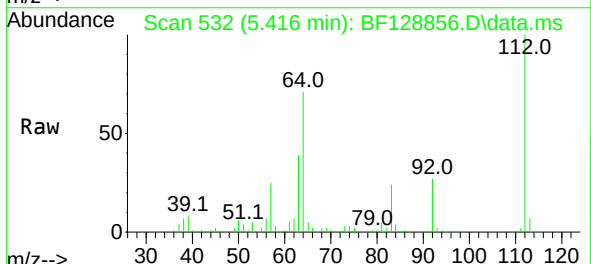
Instrument :
BNA_F
ClientSampleId :
SC-1W

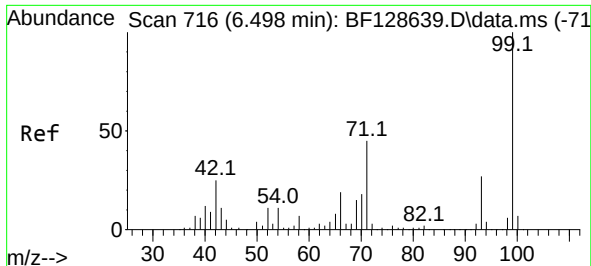
Tgt Ion:152 Resp: 84463
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 63.6 49.9 74.9



#5
2-Fluorophenol
Concen: 87.438 ng
RT: 5.416 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion:112 Resp: 463659
Ion Ratio Lower Upper
112 100
64 70.5 53.3 79.9
63 39.3 28.0 42.0

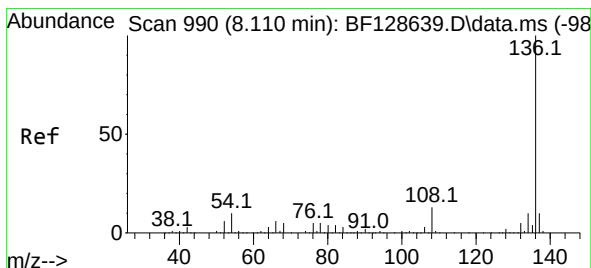
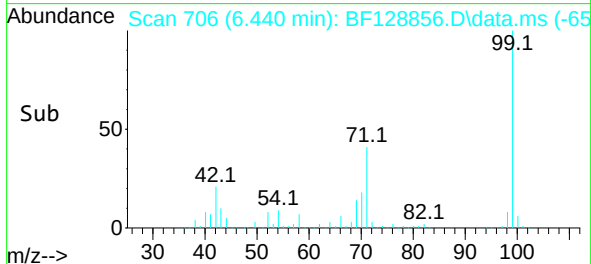
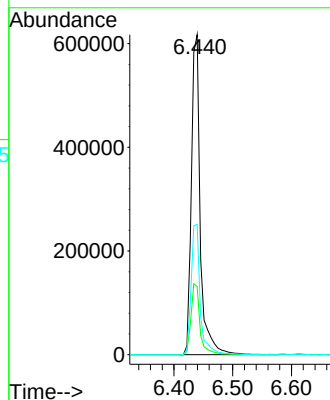
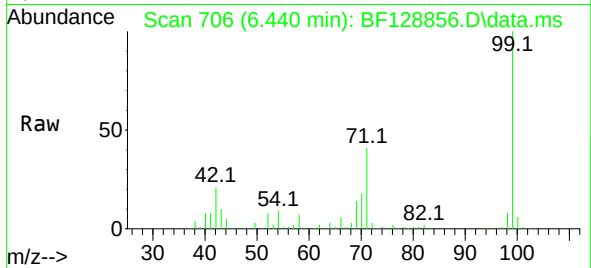




#7
Phenol-d6
Concen: 100.287 ng
RT: 6.440 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

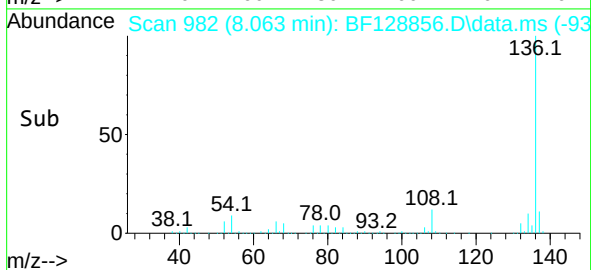
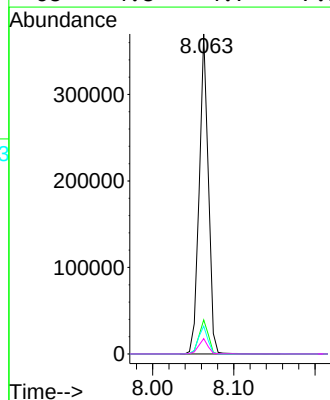
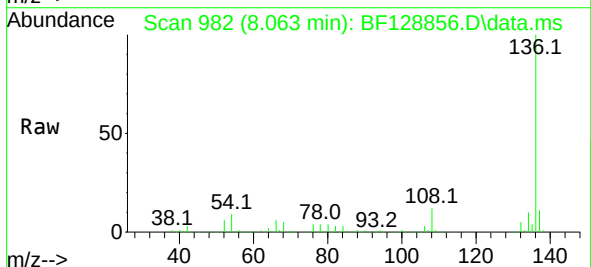
Instrument :
BNA_F
ClientSampleId :
SC-1W

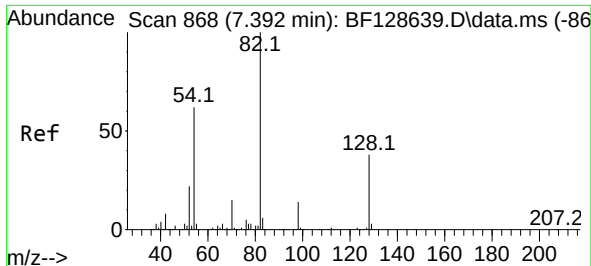
Tgt Ion: 99 Resp: 649141
Ion Ratio Lower Upper
99 100
42 21.3 17.3 25.9
71 40.7 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion: 136 Resp: 290617
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.7 7.5 11.3
68 4.8 4.7 7.1

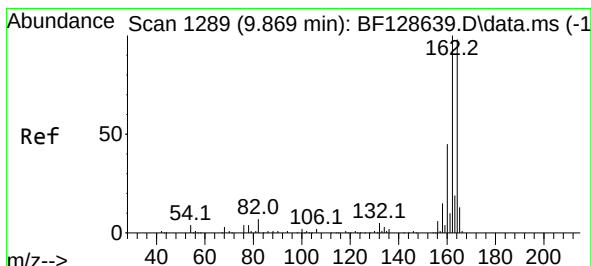
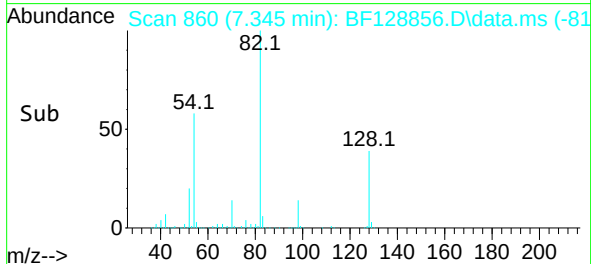
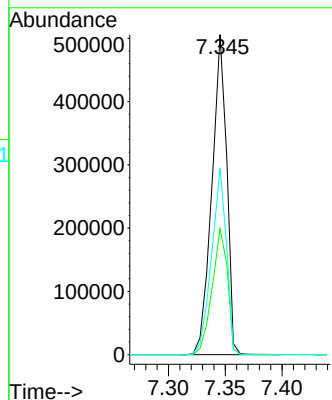
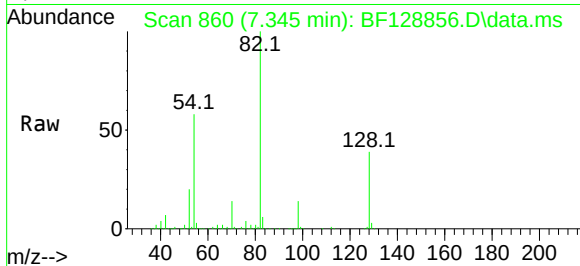




#23
Nitrobenzene-d5
Concen: 73.556 ng
RT: 7.345 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

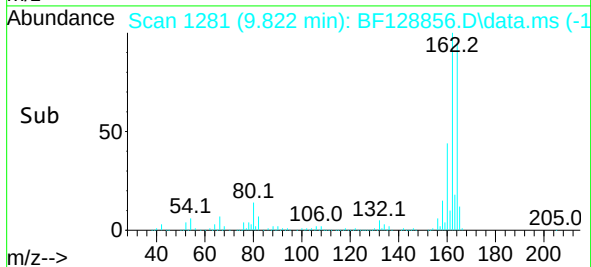
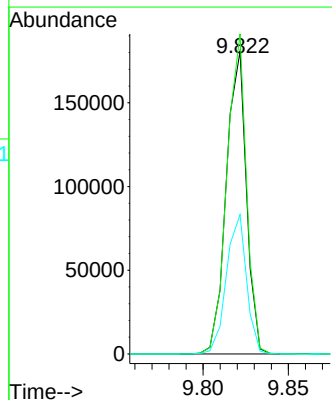
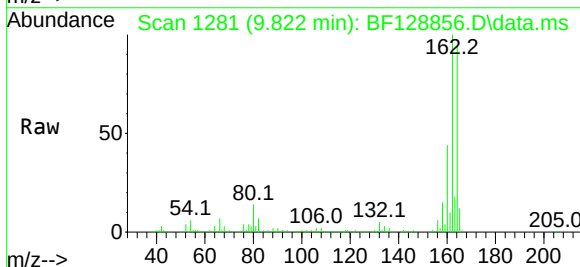
Instrument :
BNA_F
ClientSampleId :
SC-1W

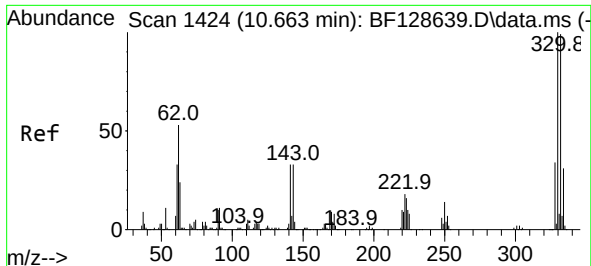
Tgt Ion: 82 Resp: 459135
Ion Ratio Lower Upper
82 100
128 39.4 34.0 51.0
54 58.2 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion: 164 Resp: 148696
Ion Ratio Lower Upper
164 100
162 105.7 79.5 119.3
160 46.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 18.519 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128856.D

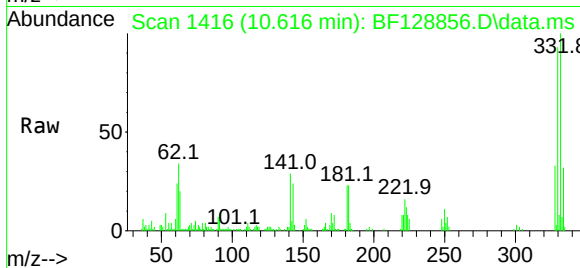
Acq: 17 Jun 2022 16:09

Instrument :

BNA_F

ClientSampleId :

SC-1W



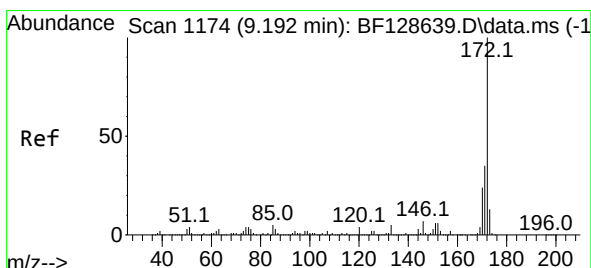
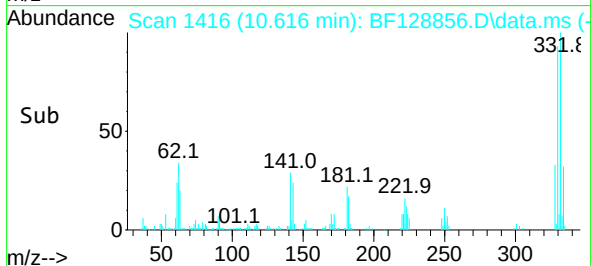
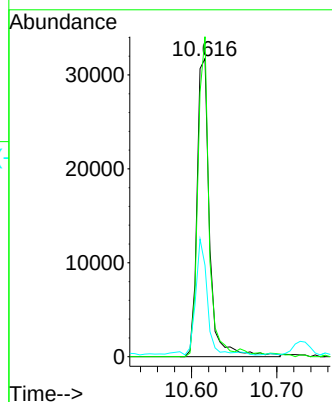
Tgt Ion:330 Resp: 32536

Ion Ratio Lower Upper

330 100

332 94.0 76.8 115.2

141 34.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 75.201 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128856.D

Acq: 17 Jun 2022 16:09

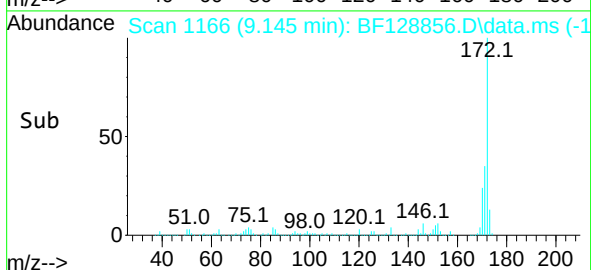
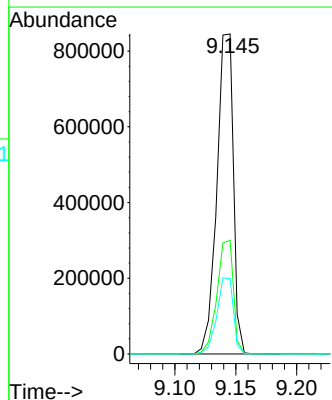
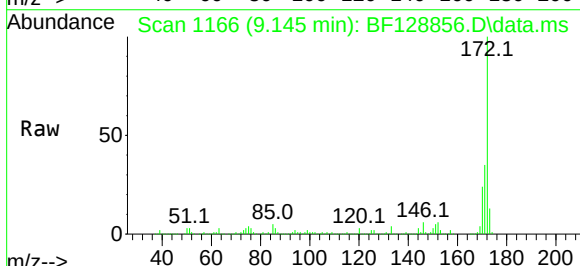
Tgt Ion:172 Resp: 798265

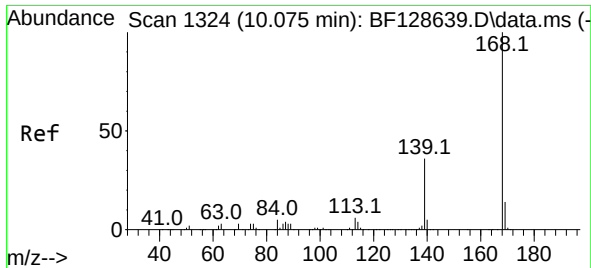
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.6 19.8 29.8

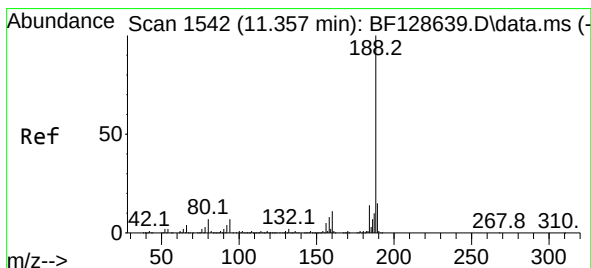
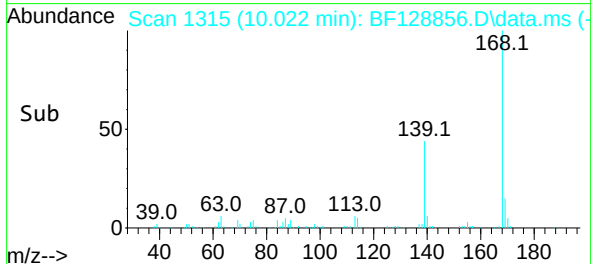
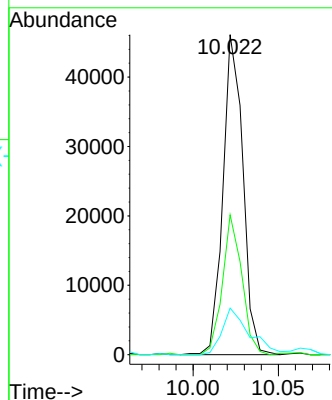
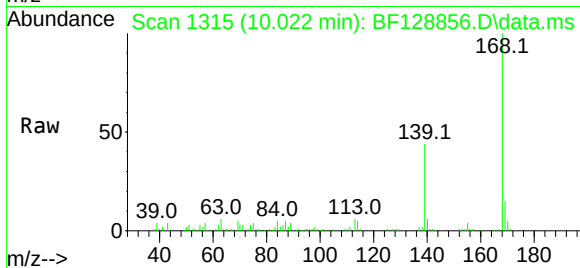




#55
Dibenzenofuran
Concen: 3.070 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

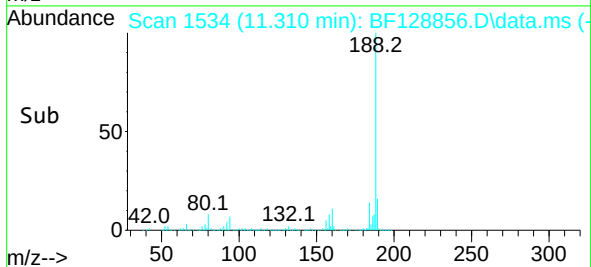
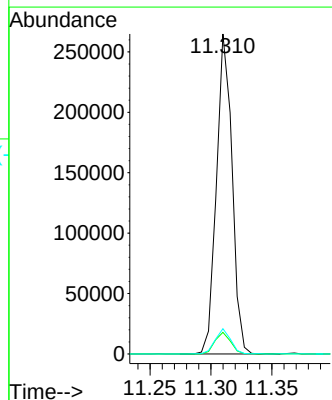
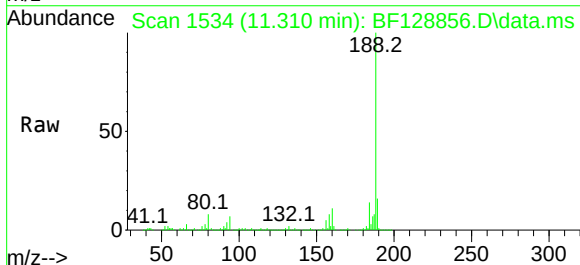
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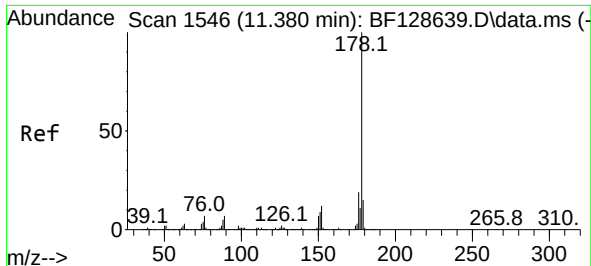
Tgt Ion:168 Resp: 37443
Ion Ratio Lower Upper
168 100
139 43.7 30.6 46.0
169 14.5 11.0 16.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion:188 Resp: 235645
Ion Ratio Lower Upper
188 100
94 6.7 7.0 10.6#
80 7.9 7.6 11.4

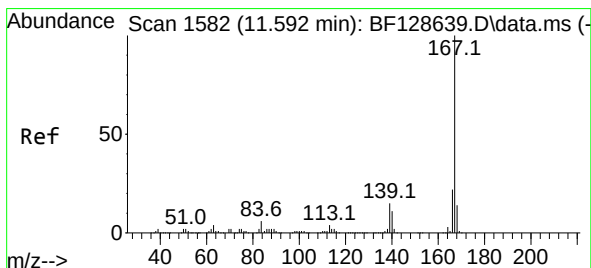
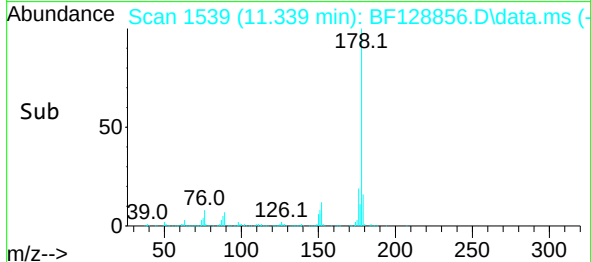
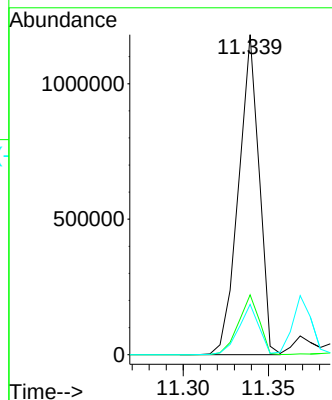
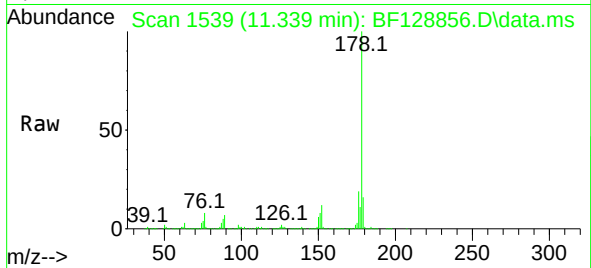




#71
Phenanthrene
Concen: 84.153 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

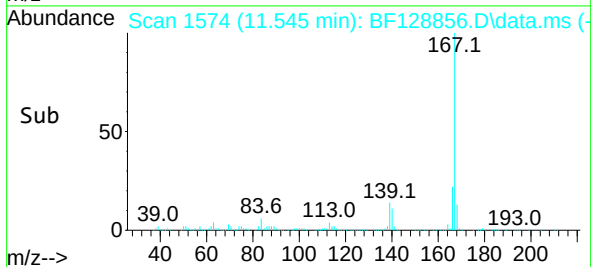
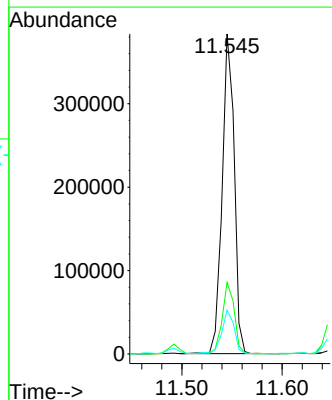
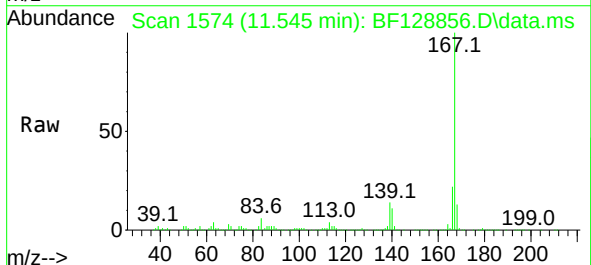
Instrument :
BNA_F
ClientSampleId :
SC-1W

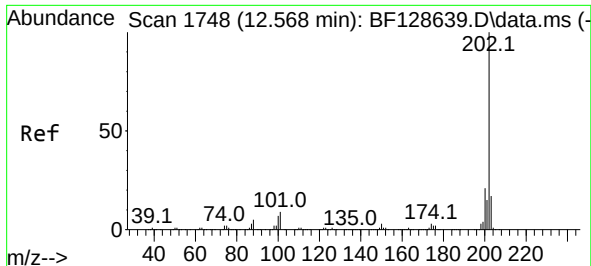
Tgt Ion:178 Resp: 994640
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.7 12.6 19.0



#73
Carbazole
Concen: 29.353 ng
RT: 11.545 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion:167 Resp: 318944
Ion Ratio Lower Upper
167 100
166 22.3 17.7 26.5
139 13.6 11.2 16.8

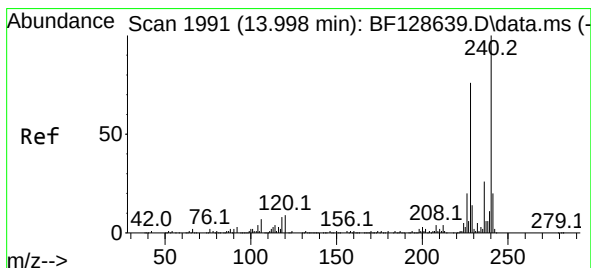
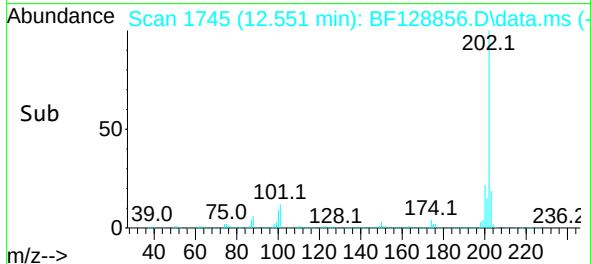
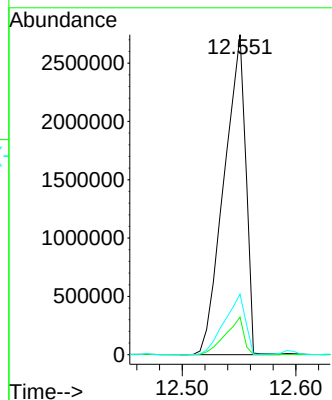
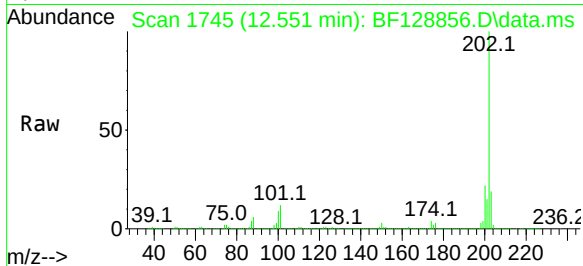




#75
Fluoranthene
Concen: 294.201 ng
RT: 12.551 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

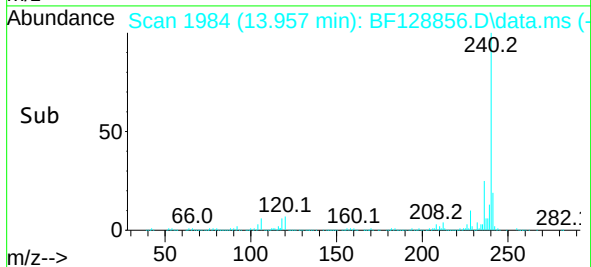
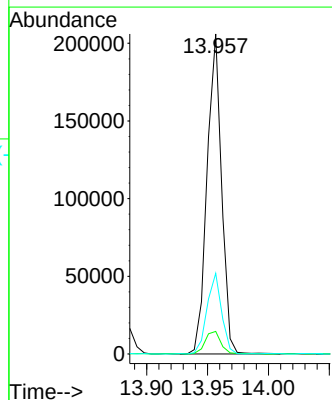
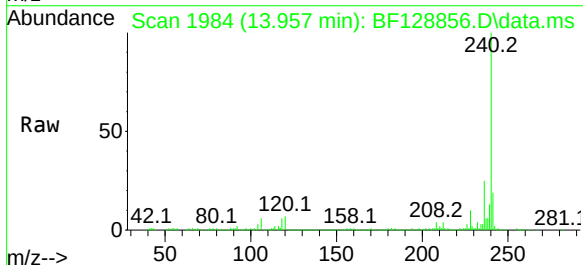
Instrument :
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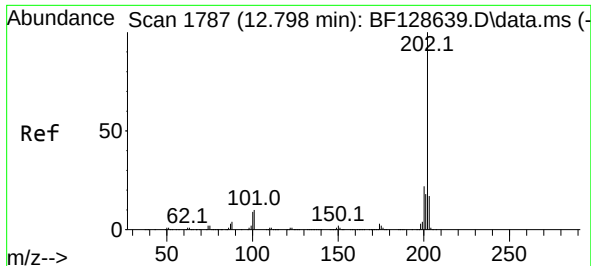
Tgt Ion:202 Resp: 3634819
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.4
203 18.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion:240 Resp: 170502
Ion Ratio Lower Upper
240 100
120 7.0 8.9 13.3#
236 25.2 20.8 31.2

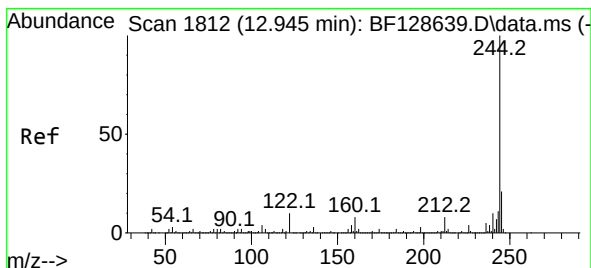
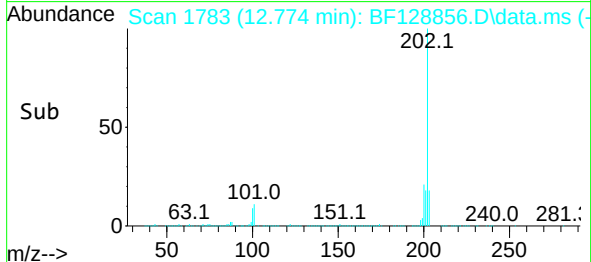
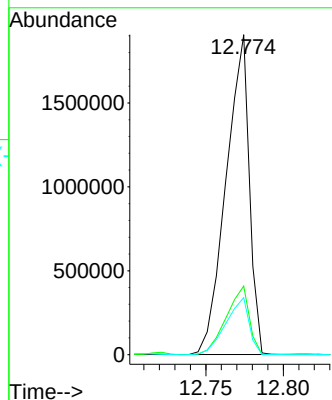
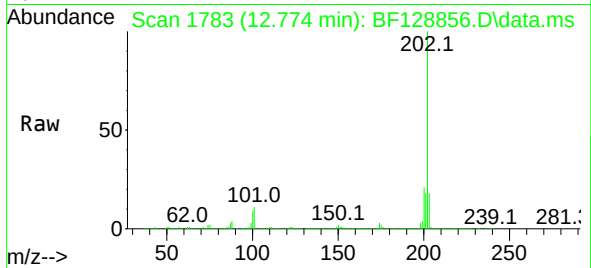




#78
Pyrene
Concen: 156.231 ng
RT: 12.774 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

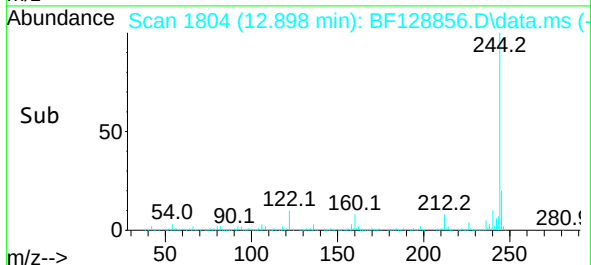
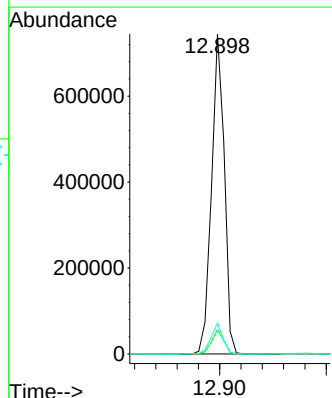
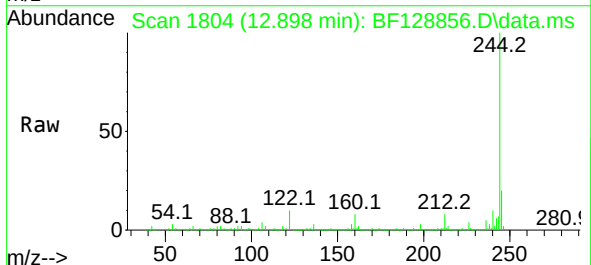
Instrument :
BNA_F
ClientSampleId :
SC-1W

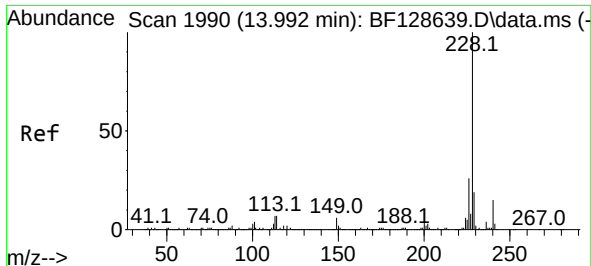
Tgt Ion:202 Resp: 1981839
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 17.8 14.6 21.8



#79
Terphenyl-d14
Concen: 63.015 ng
RT: 12.898 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion:244 Resp: 618326
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 9.6 8.8 13.2

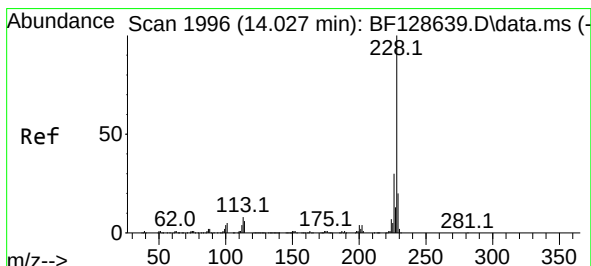
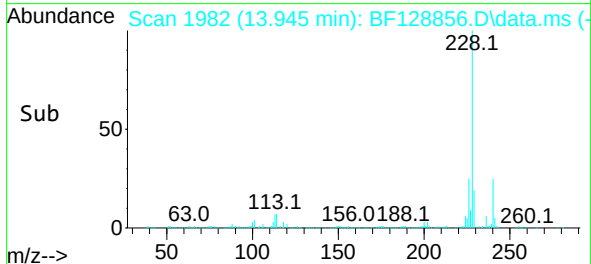
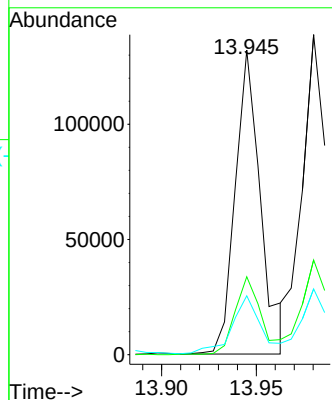
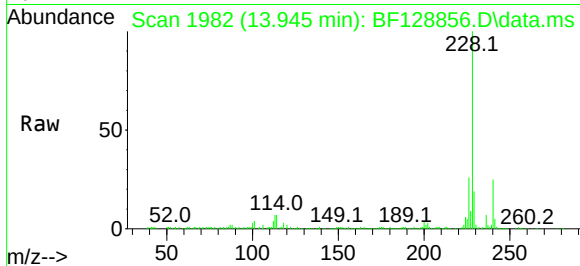




#81
Benzo(a)anthracene
Concen: 11.517 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

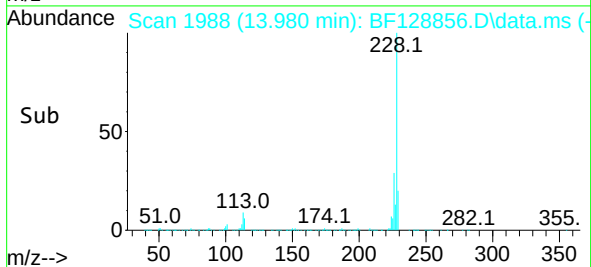
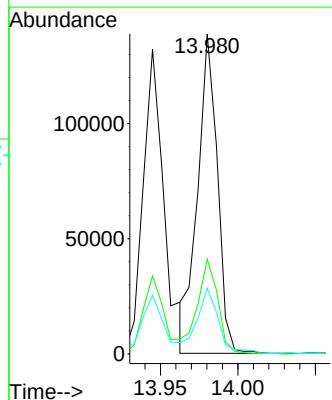
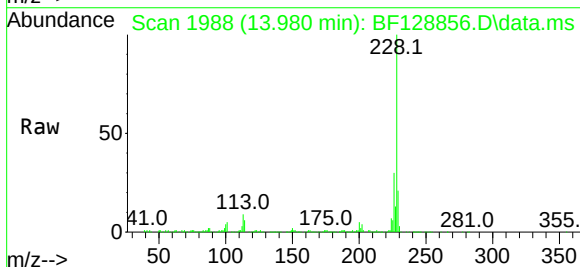
Instrument :
BNA_F
ClientSampleId :
SC-1W

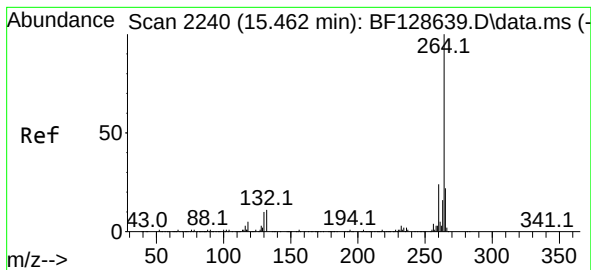
Tgt Ion:228 Resp: 122399
Ion Ratio Lower Upper
228 100
226 25.6 22.1 33.1
229 19.3 15.8 23.8



#83
Chrysene
Concen: 12.104 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF128856.D
Acq: 17 Jun 2022 16:09

Tgt Ion:228 Resp: 122646
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 20.6 15.9 23.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128856.D
 Acq: 17 Jun 2022 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SC-1W

Tgt Ion:264 Resp: 167450
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.9 17.2 25.8

