

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128715.D
 Acq On : 07 Jun 2022 14:50
 Operator : CG\JU
 Sample : N3209-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-4-GR

Quant Time: Jun 08 14:56:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

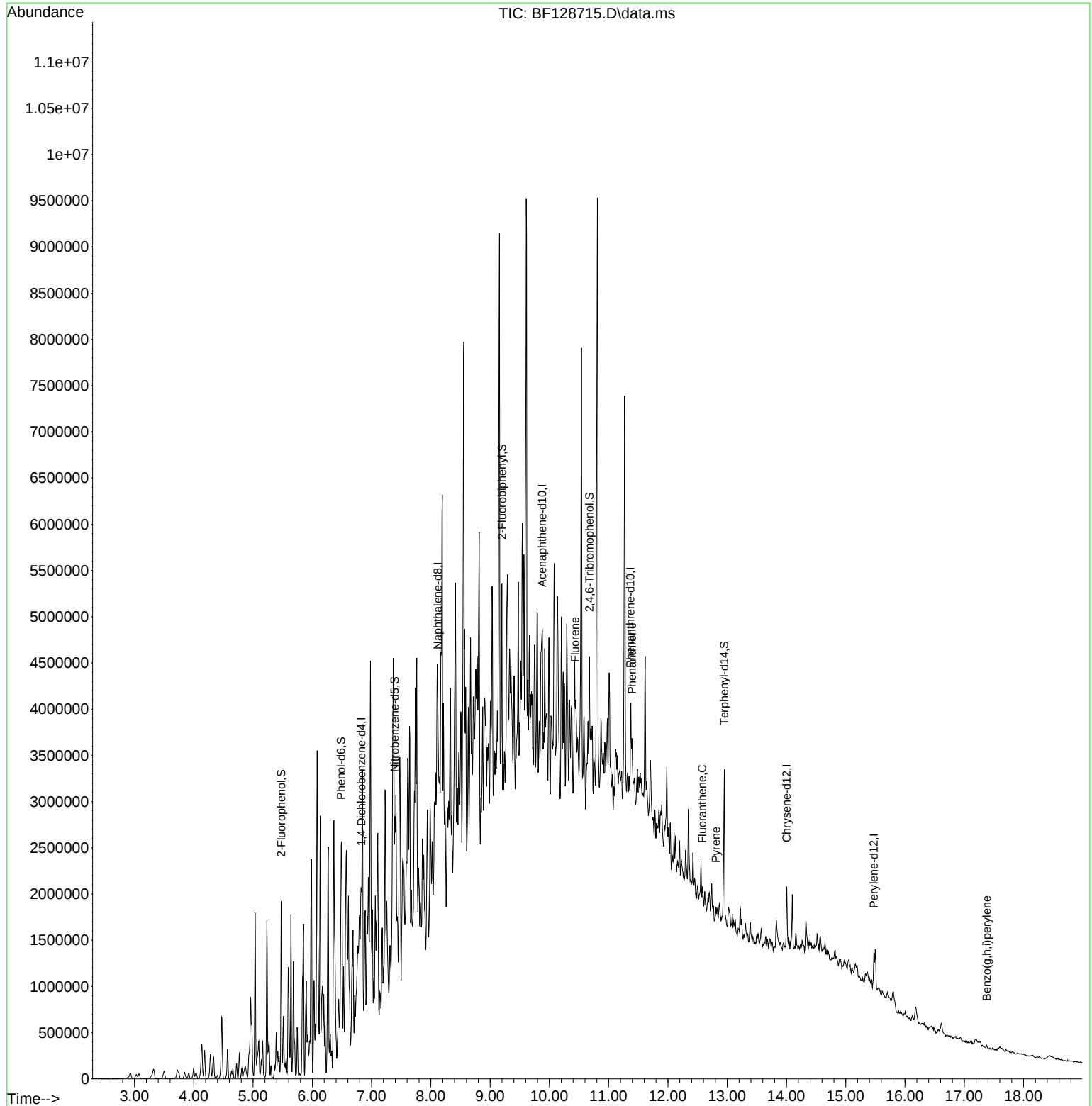
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	77224	20.000	ng	0.02
21) Naphthalene-d8	8.116	136	244800	20.000	ng	# 0.02
39) Acenaphthene-d10	9.880	164	123125	20.000	ng	0.02
64) Phenanthrene-d10	11.369	188	206514	20.000	ng	# 0.03
76) Chrysene-d12	14.004	240	161206	20.000	ng	0.02
86) Perylene-d12	15.474	264	177281	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	449860	92.789	ng	0.02
7) Phenol-d6	6.487	99	545011	92.092	ng	0.00
23) Nitrobenzene-d5	7.392	82	407409	77.485	ng	0.01
42) 2,4,6-Tribromophenol	10.675	330	119202	81.938	ng	0.02
45) 2-Fluorobiphenyl	9.198	172	554508	63.087	ng	0.02
79) Terphenyl-d14	12.951	244	480975	51.844	ng	0.02
Target Compounds						
						Qvalue
58) Fluorene	10.433	166	68945	8.802	ng	# 84
71) Phenanthrene	11.392	178	155654	15.027	ng	# 88
75) Fluoranthene	12.580	202	35500	3.279	ng	88
78) Pyrene	12.810	202	44395	3.702	ng	# 93
92) Benzo(g,h,i)perylene	17.380	276	18399	2.095	ng	# 89

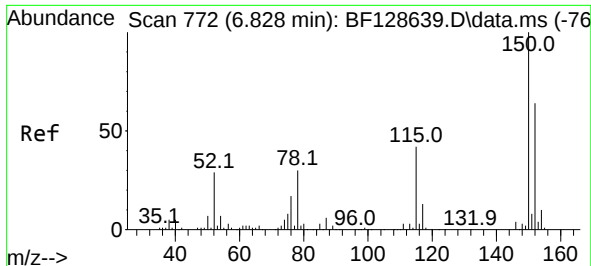
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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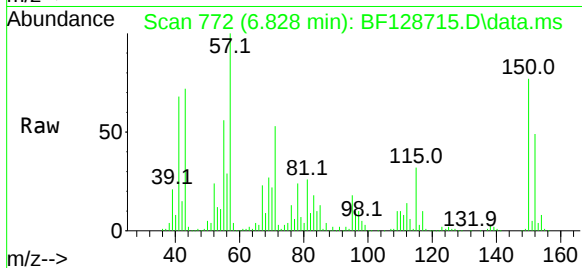
Quant Time: Jun 08 14:56:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
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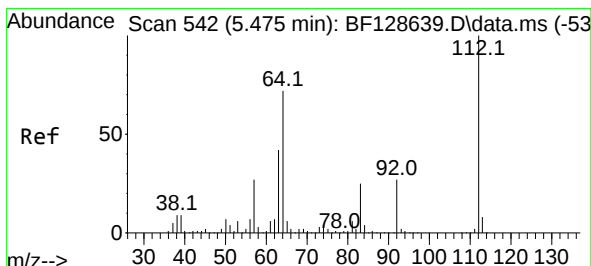
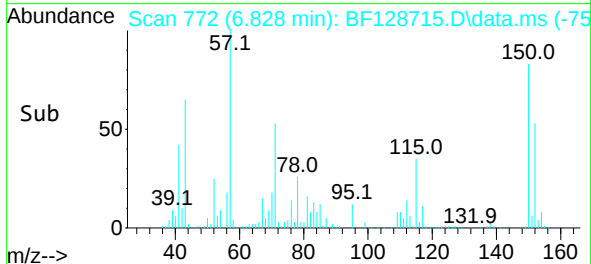
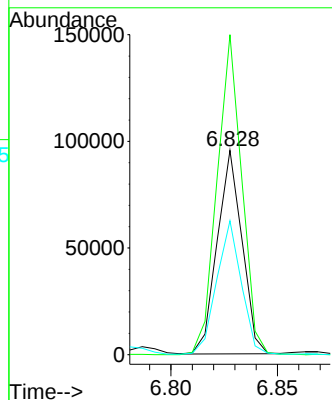


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF128715.D
Acq: 07 Jun 2022 14:50

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

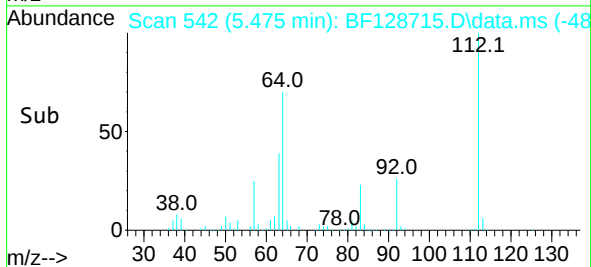
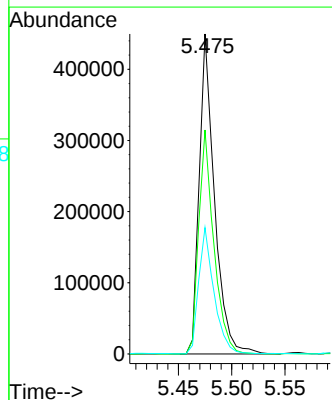
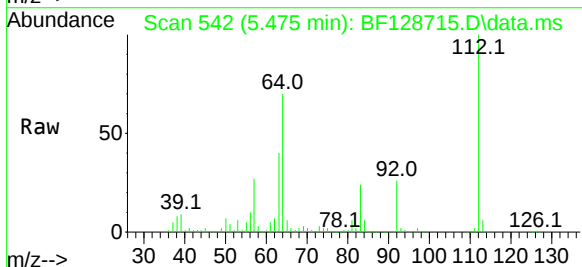


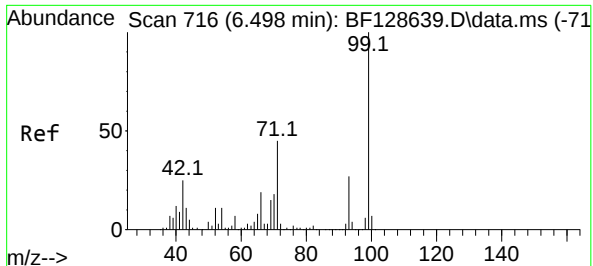
Tgt Ion:152 Resp: 77224
Ion Ratio Lower Upper
152 100
150 156.6 123.7 185.5
115 65.5 49.9 74.9



#5
2-Fluorophenol
Concen: 92.789 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.017 min
Lab File: BF128715.D
Acq: 07 Jun 2022 14:50

Tgt Ion:112 Resp: 449860
Ion Ratio Lower Upper
112 100
64 70.0 53.3 79.9
63 39.5 28.0 42.0

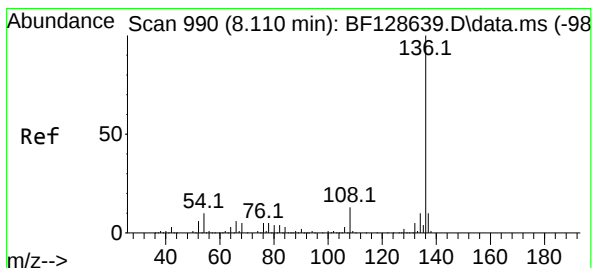
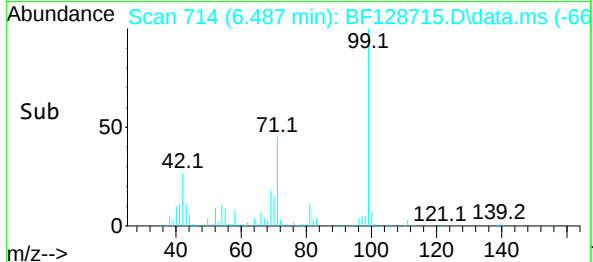
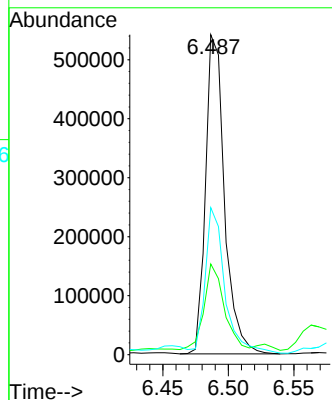
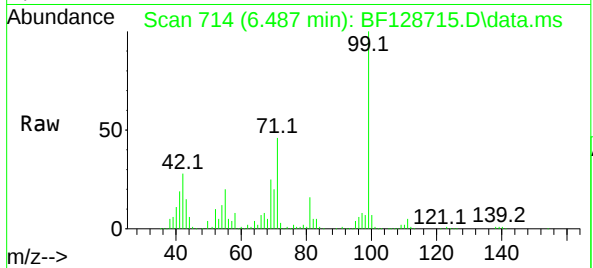




#7
Phenol-d6
Concen: 92.092 ng
RT: 6.487 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128715.D
Acq: 07 Jun 2022 14:50

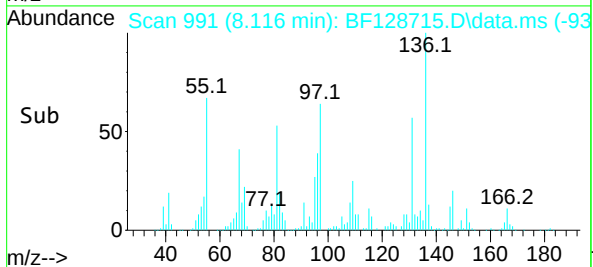
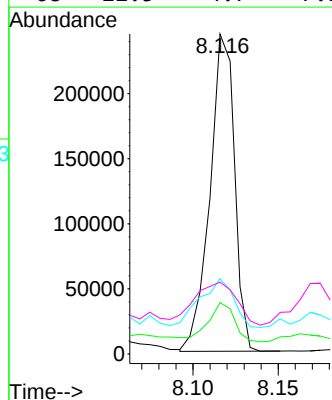
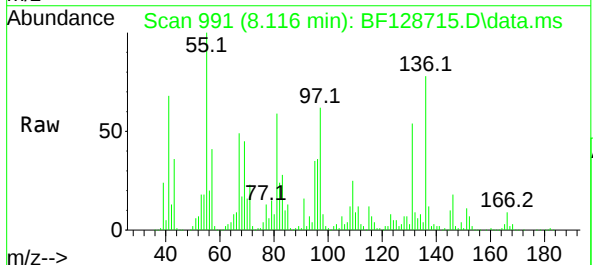
Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

Tgt Ion: 99 Resp: 545011
Ion Ratio Lower Upper
99 100
42 28.4 17.3 25.9#
71 46.0 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.017 min
Lab File: BF128715.D
Acq: 07 Jun 2022 14:50

Tgt Ion:136 Resp: 244800
Ion Ratio Lower Upper
136 100
137 16.1 8.8 13.2#
54 23.5 7.5 11.3#
68 22.5 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 77.485 ng

RT: 7.392 min Scan# 80

Delta R.T. 0.011 min

Lab File: BF128715.D

Acq: 07 Jun 2022 14:50

Instrument :

BNA_F

ClientSampleId :

WC-14B-4-GR

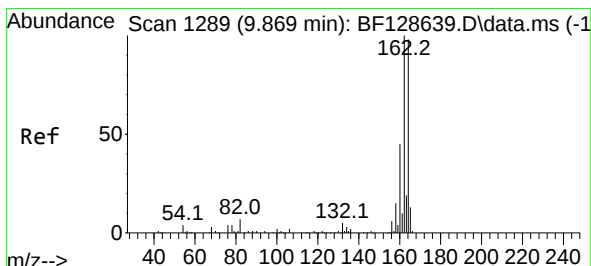
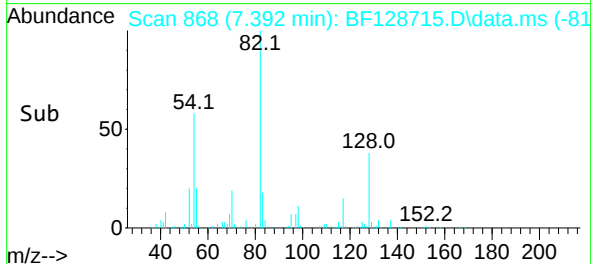
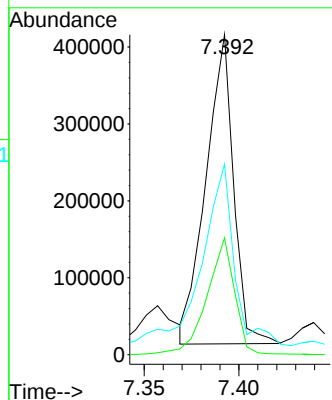
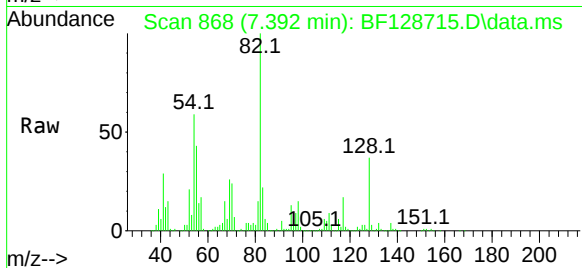
Tgt Ion: 82 Resp: 407409

Ion Ratio Lower Upper

82 100

128 36.5 34.0 51.0

54 59.5 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.023 min

Lab File: BF128715.D

Acq: 07 Jun 2022 14:50

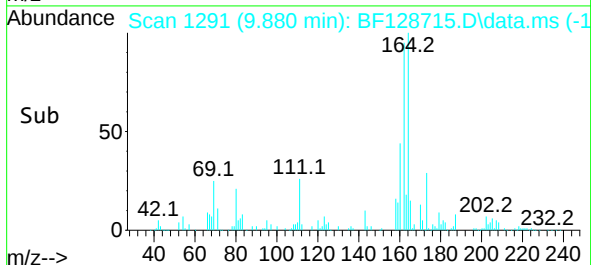
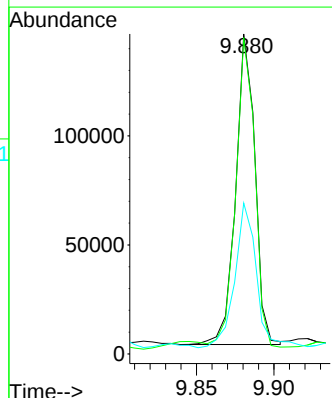
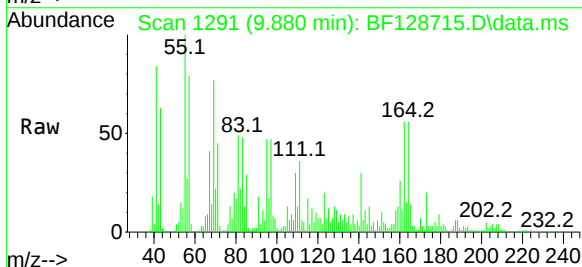
Tgt Ion:164 Resp: 123125

Ion Ratio Lower Upper

164 100

162 98.9 79.5 119.3

160 47.1 34.2 51.4

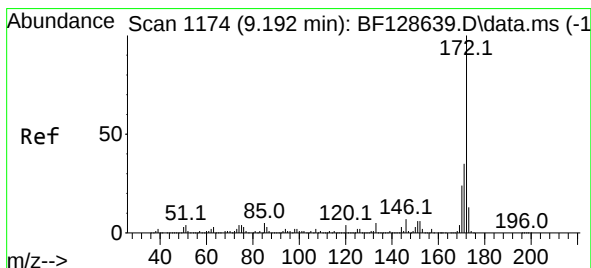
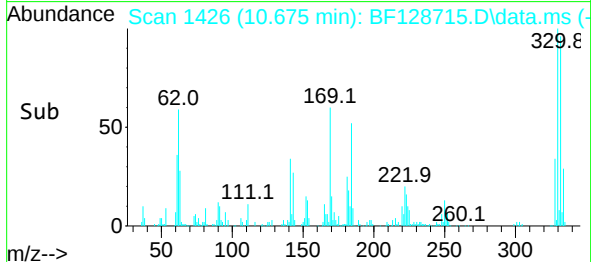
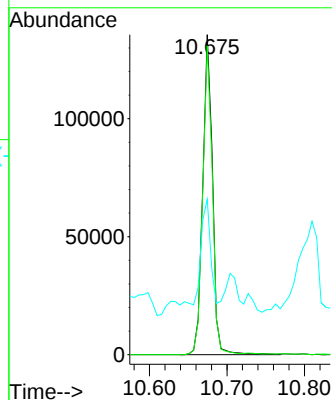
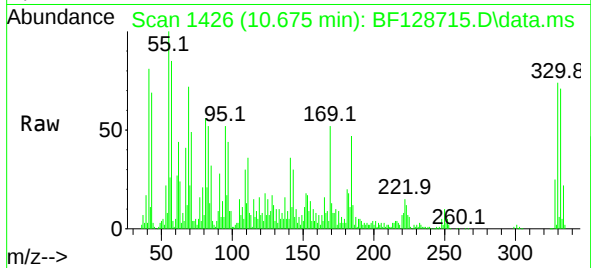




#42
2,4,6-Tribromophenol
Concen: 81.938 ng
RT: 10.675 min Scan# 1424
Delta R.T. 0.023 min
Lab File: BF128715.D
Acq: 07 Jun 2022 14:50

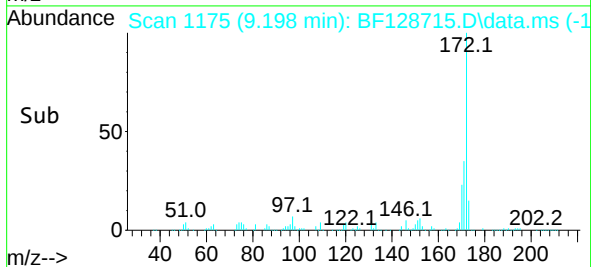
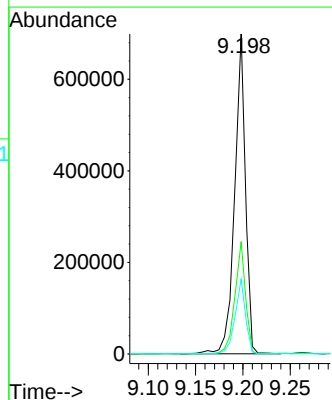
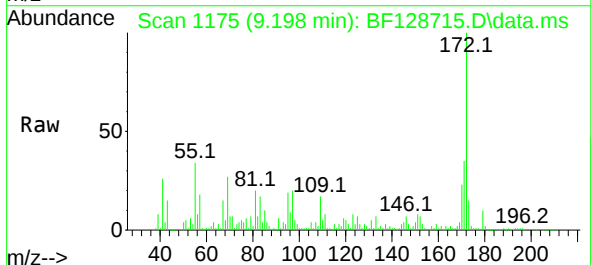
Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

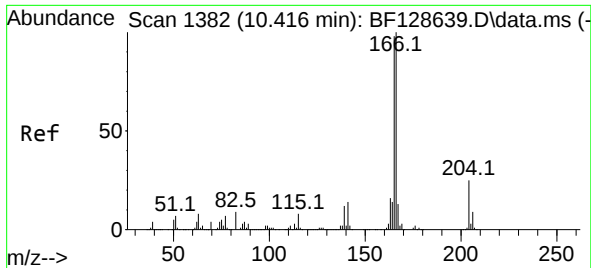
Tgt Ion:330 Resp: 119202
Ion Ratio Lower Upper
330 100
332 95.1 76.8 115.2
141 29.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 63.087 ng
RT: 9.198 min Scan# 1175
Delta R.T. 0.023 min
Lab File: BF128715.D
Acq: 07 Jun 2022 14:50

Tgt Ion:172 Resp: 554508
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.4 19.8 29.8

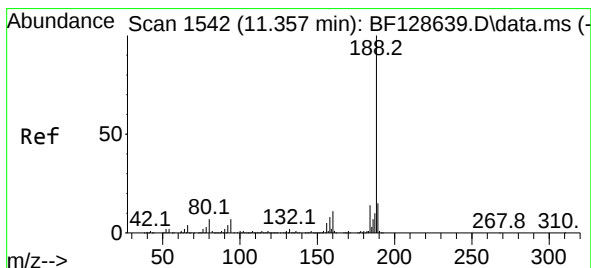
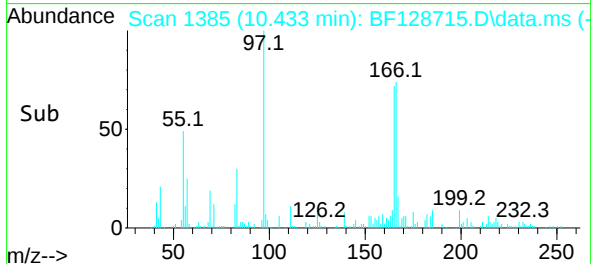
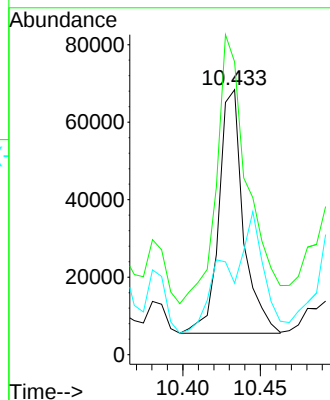
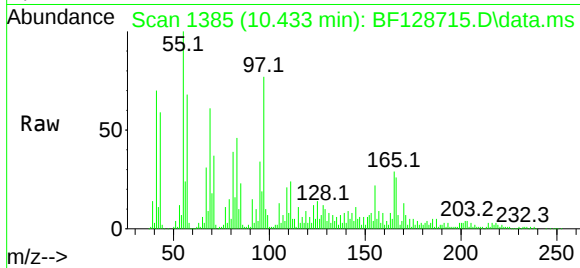




#58
Fluorene
Concen: 8.802 ng
RT: 10.433 min Scan# 1385
Delta R.T. 0.029 min
Lab File: BF128715.D
Acq: 07 Jun 2022 14:50

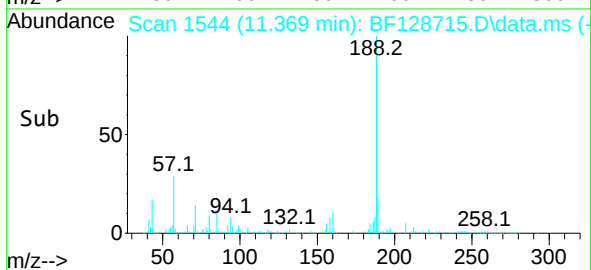
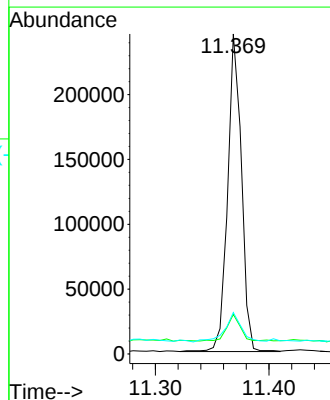
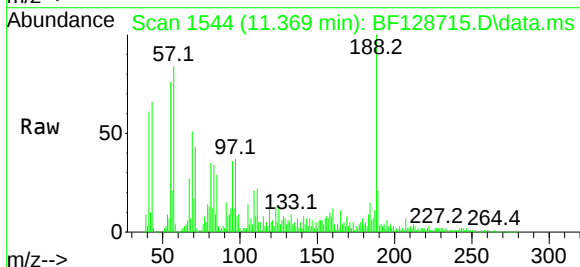
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ClientSampleId :
WC-14B-4-GR

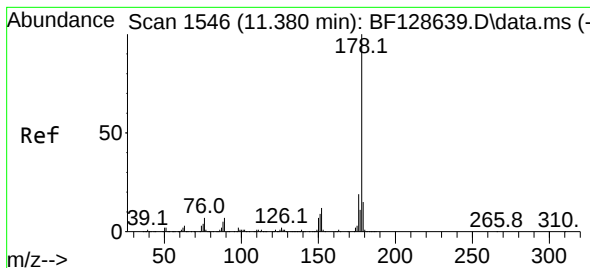
Tgt Ion:166 Resp: 68945
Ion Ratio Lower Upper
166 100
165 110.5 78.1 117.1
167 27.0 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. 0.029 min
Lab File: BF128715.D
Acq: 07 Jun 2022 14:50

Tgt Ion:188 Resp: 206514
Ion Ratio Lower Upper
188 100
94 12.3 7.0 10.6#
80 13.0 7.6 11.4#





#71

Phenanthrene

Concen: 15.027 ng

RT: 11.392 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF128715.D

Acq: 07 Jun 2022 14:50

Instrument :

BNA_F

ClientSampleId :

WC-14B-4-GR

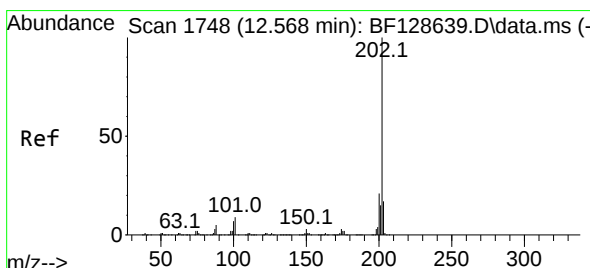
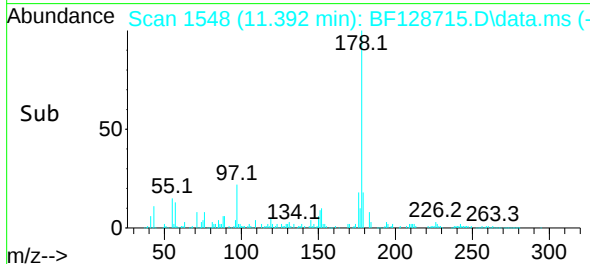
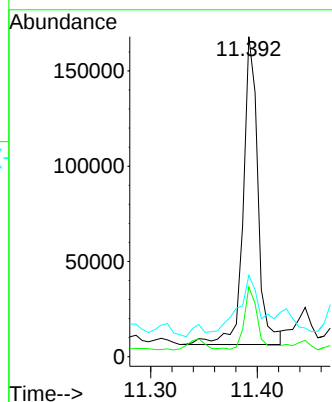
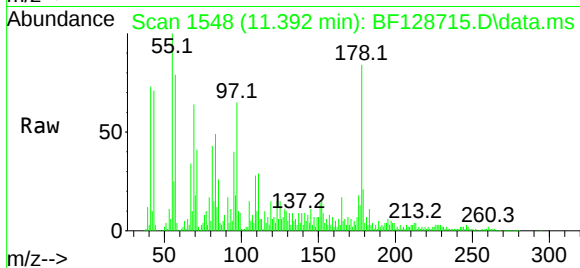
Tgt Ion:178 Resp: 155654

Ion Ratio Lower Upper

178 100

176 21.8 16.0 24.0

179 25.4 12.6 19.0#



#75

Fluoranthene

Concen: 3.279 ng

RT: 12.580 min Scan# 1750

Delta R.T. 0.023 min

Lab File: BF128715.D

Acq: 07 Jun 2022 14:50

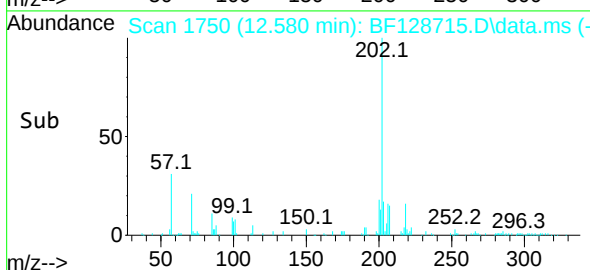
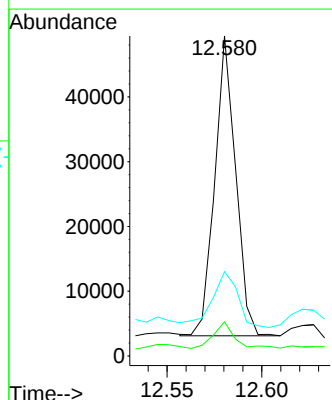
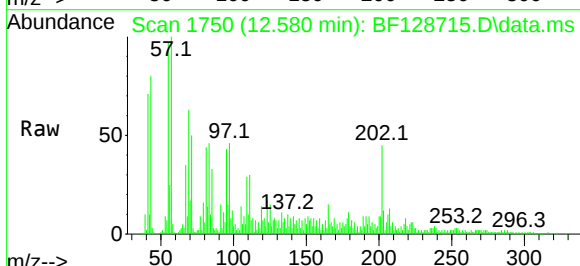
Tgt Ion:202 Resp: 35500

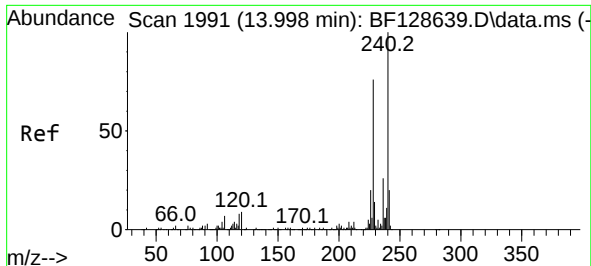
Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.4

203 26.4 0.0 38.0

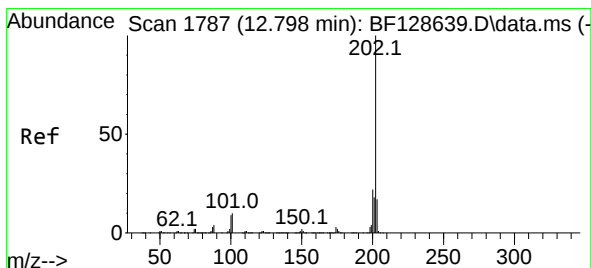
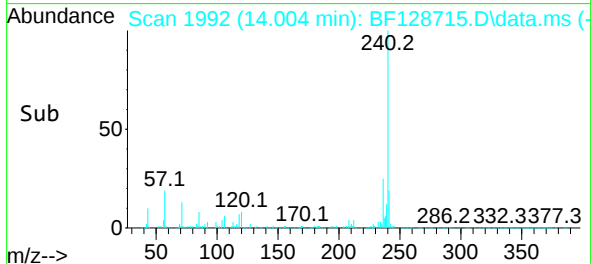
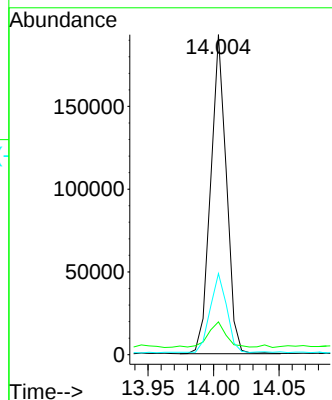
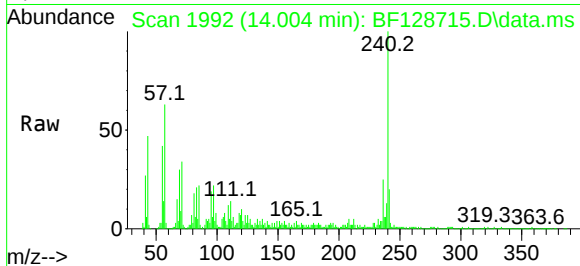




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.017 min
Lab File: BF128715.D
Acq: 07 Jun 2022 14:50

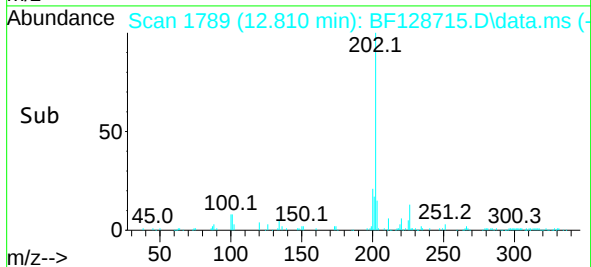
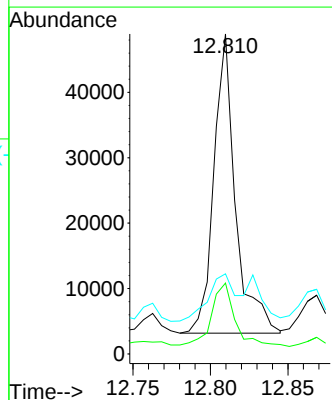
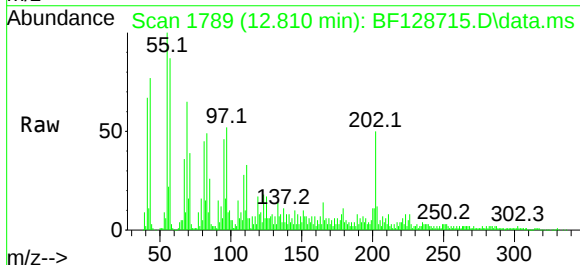
Instrument :
BNA_F
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WC-14B-4-GR

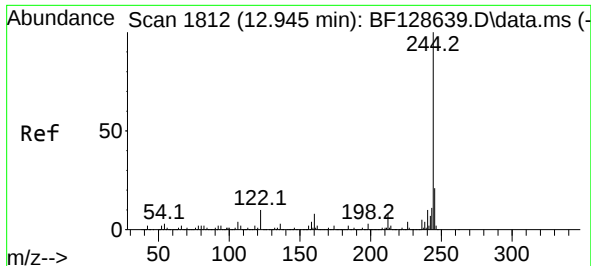
Tgt Ion:240 Resp: 161206
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.4 20.8 31.2



#78
Pyrene
Concen: 3.702 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.023 min
Lab File: BF128715.D
Acq: 07 Jun 2022 14:50

Tgt Ion:202 Resp: 44395
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 25.0 14.6 21.8#

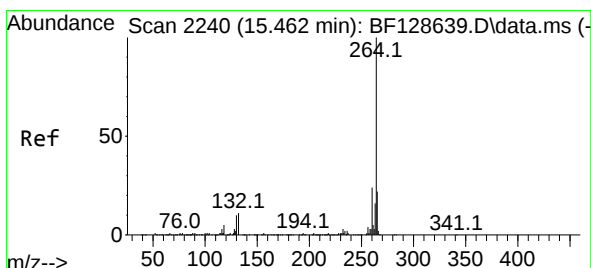
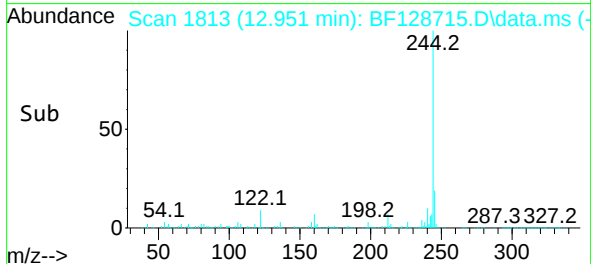
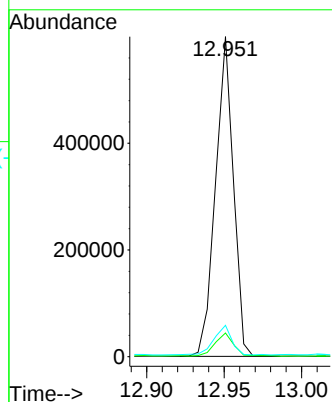
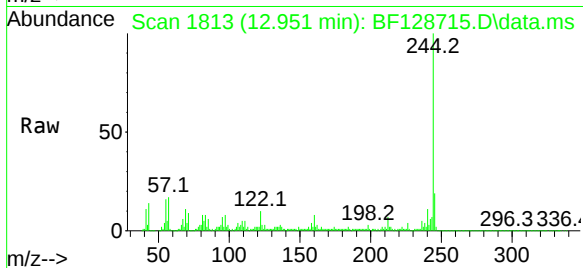




#79
 Terphenyl-d14
 Concen: 51.844 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.017 min
 Lab File: BF128715.D
 Acq: 07 Jun 2022 14:50

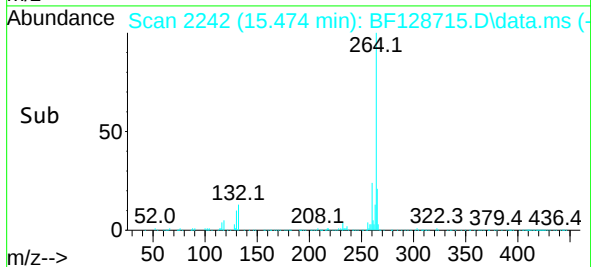
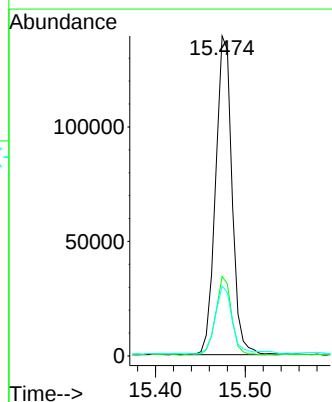
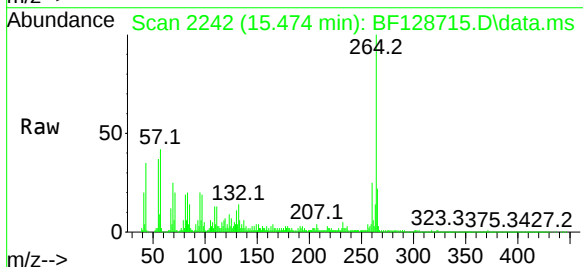
Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-4-GR

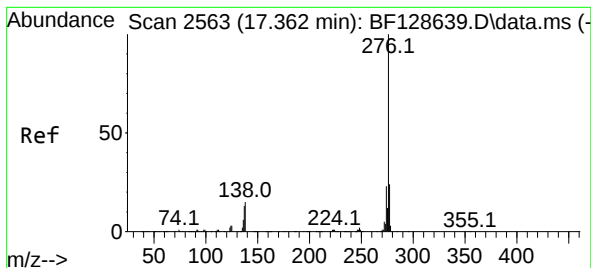
Tgt Ion:244 Resp: 480975
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 9.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2242
 Delta R.T. 0.029 min
 Lab File: BF128715.D
 Acq: 07 Jun 2022 14:50

Tgt Ion:264 Resp: 177281
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.4 27.6
 265 21.9 17.2 25.8





#92

Benzo(g,h,i)perylene

Concen: 2.095 ng

RT: 17.380 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF128715.D

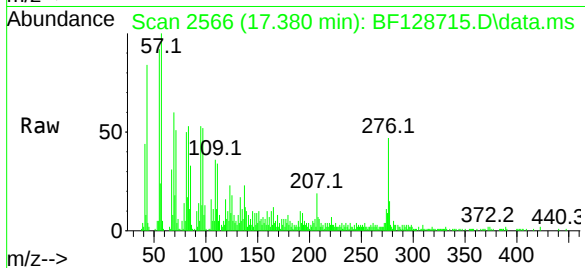
Acq: 07 Jun 2022 14:50

Instrument :

BNA_F

ClientSampleId :

WC-14B-4-GR



Tgt Ion:276 Resp: 18399

Ion Ratio Lower Upper

276 100

277 32.0 19.1 28.7#

138 25.2 18.0 27.0

