

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130355.D
 Acq On : 20 Sep 2022 21:08
 Operator : CG\JU
 Sample : N4712-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-091922

Quant Time: Sep 21 05:20:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

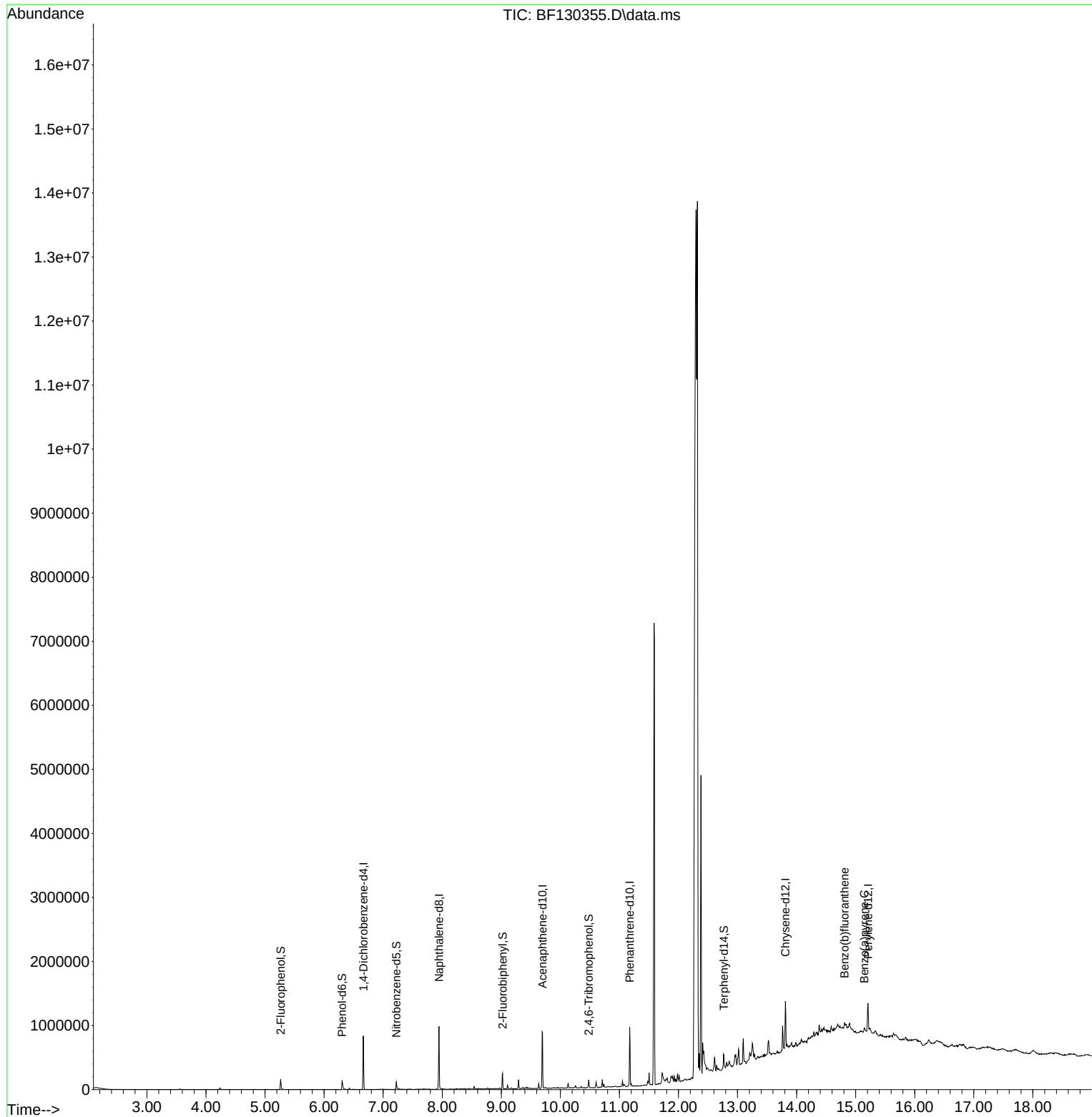
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	104797	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	367958	20.000	ng	0.00
39) Acenaphthene-d10	9.698	164	180838	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	308192	20.000	ng	0.00
76) Chrysene-d12	13.810	240	233849	20.000	ng	0.00
86) Perylene-d12	15.210	264	186898	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	47919	7.931	ng	0.00
7) Phenol-d6	6.304	99	56873	7.523	ng	0.00
23) Nitrobenzene-d5	7.222	82	32450	4.505	ng	-0.01
42) 2,4,6-Tribromophenol	10.481	330	12402	7.157	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	67768	5.457	ng	0.00
79) Terphenyl-d14	12.769	244	76353	5.409	ng	0.01
Target Compounds						
88) Benzo(b)fluoranthene	14.810	252	37922	3.109	ng	Qvalue # 70
90) Benzo(a)pyrene	15.145	252	26426	2.734	ng	# 55

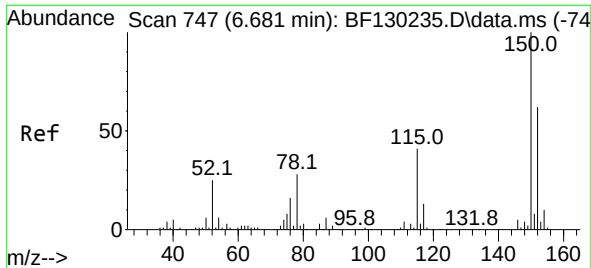
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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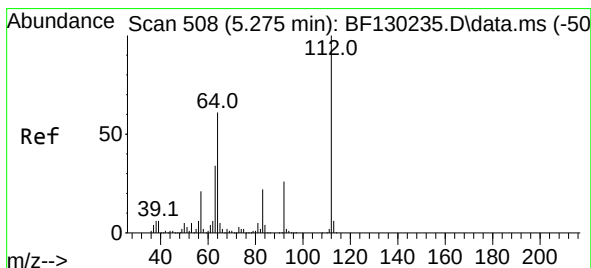
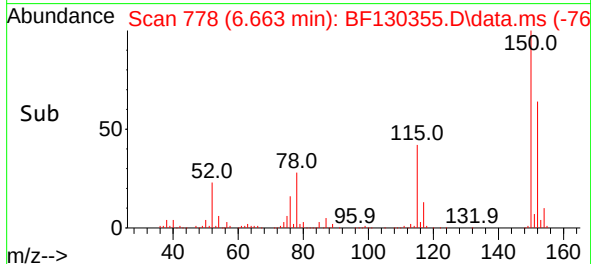
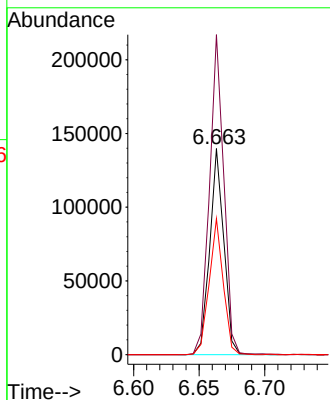
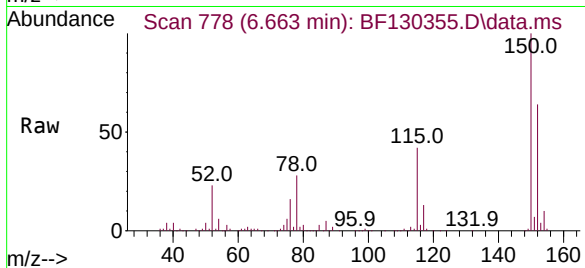




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.663 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130355.D
 Acq: 20 Sep 2022 21:08

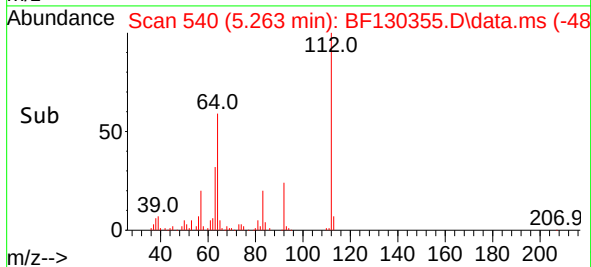
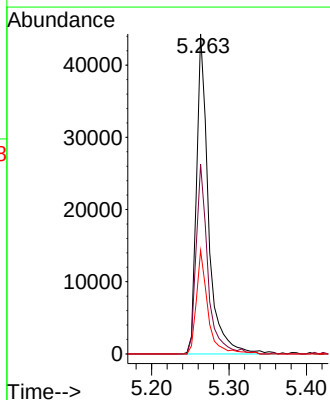
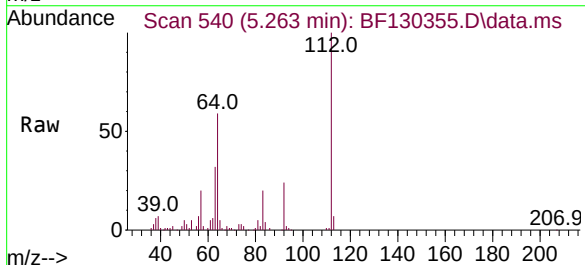
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-091922

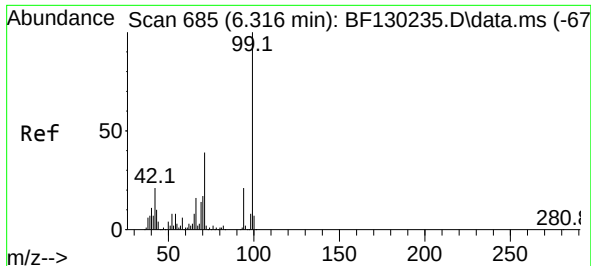
Tgt Ion:152 Resp: 104797
 Ion Ratio Lower Upper
 152 100
 150 155.3 122.8 184.2
 115 66.0 53.8 80.8



#5
 2-Fluorophenol
 Concen: 7.931 ng
 RT: 5.263 min Scan# 540
 Delta R.T. 0.006 min
 Lab File: BF130355.D
 Acq: 20 Sep 2022 21:08

Tgt Ion:112 Resp: 47919
 Ion Ratio Lower Upper
 112 100
 64 59.3 51.4 77.0
 63 32.4 28.8 43.2

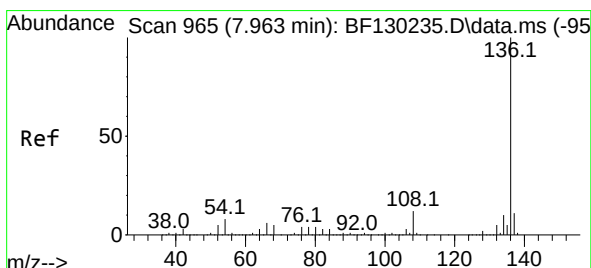
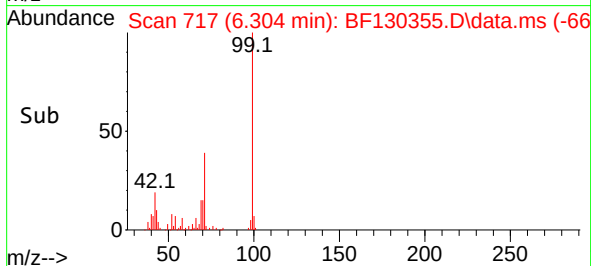
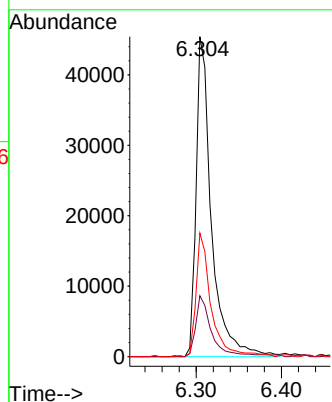
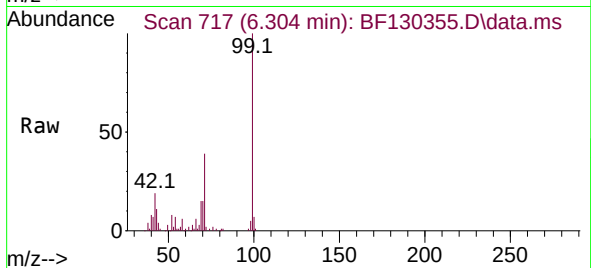




#7
Phenol-d6
Concen: 7.523 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

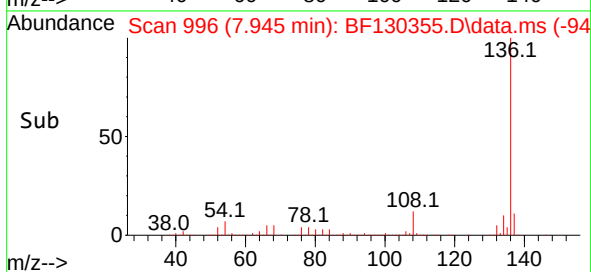
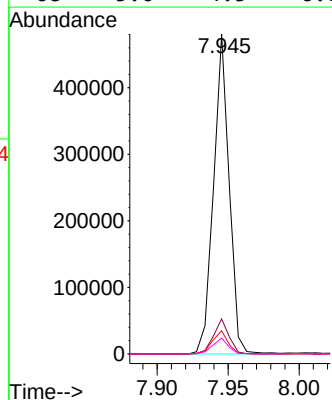
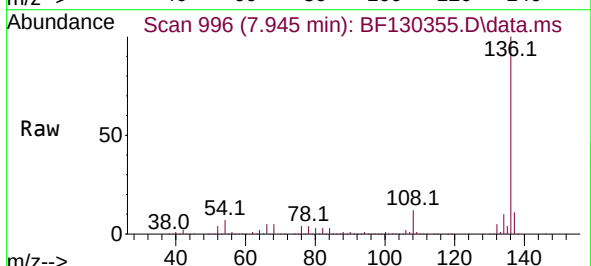
Instrument :
BNA_F
ClientSampleId :
HR-01-091922

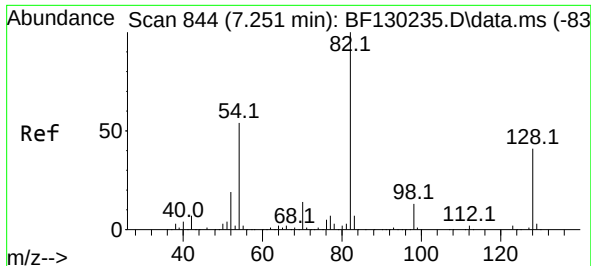
Tgt Ion: 99 Resp: 56873
Ion Ratio Lower Upper
99 100
42 19.0 17.0 25.6
71 38.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

Tgt Ion: 136 Resp: 367958
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.2 7.1 10.7
68 5.0 4.5 6.7

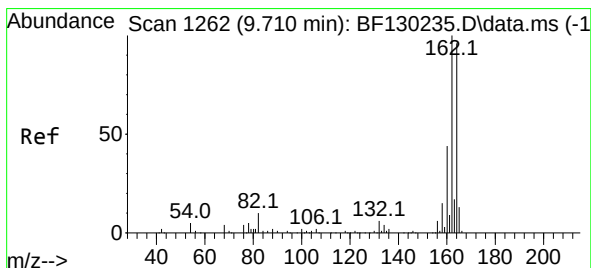
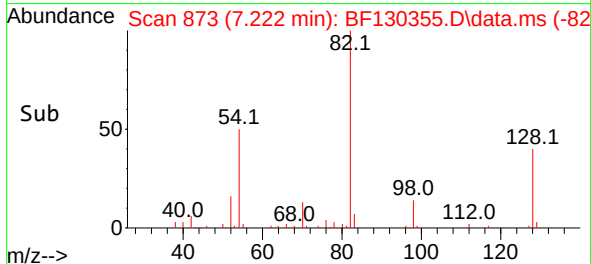
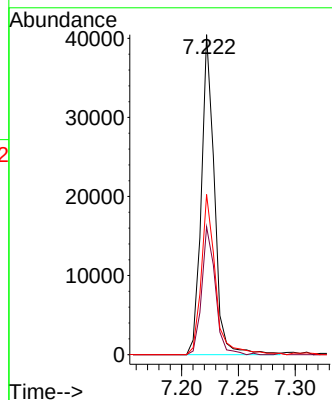
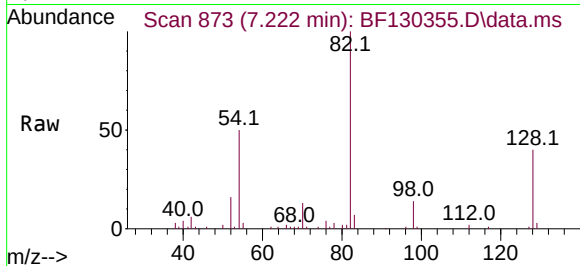




#23
 Nitrobenzene-d5
 Concen: 4.505 ng
 RT: 7.222 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF130355.D
 Acq: 20 Sep 2022 21:08

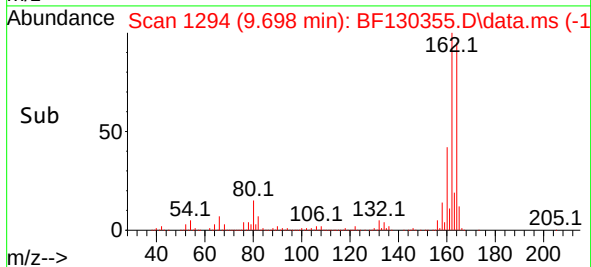
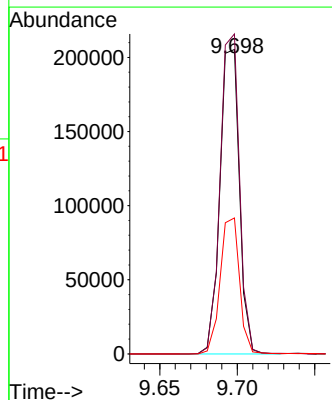
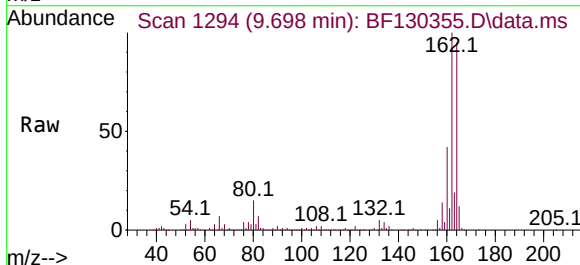
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-091922

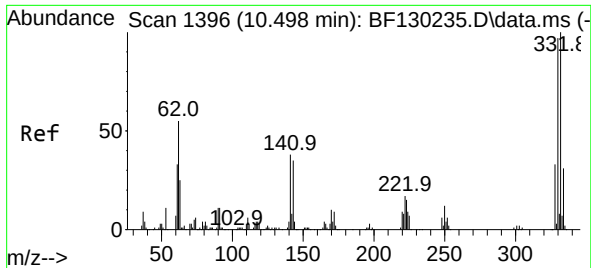
Tgt Ion: 82 Resp: 32450
 Ion Ratio Lower Upper
 82 100
 128 39.9 32.6 49.0
 54 50.0 43.8 65.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.698 min Scan# 1294
 Delta R.T. 0.006 min
 Lab File: BF130355.D
 Acq: 20 Sep 2022 21:08

Tgt Ion:164 Resp: 180838
 Ion Ratio Lower Upper
 164 100
 162 105.1 81.4 122.0
 160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 7.157 ng

RT: 10.481 min Scan# 1427

Delta R.T. 0.000 min

Lab File: BF130355.D

Acq: 20 Sep 2022 21:08

Instrument :

BNA_F

ClientSampleId :

HR-01-091922

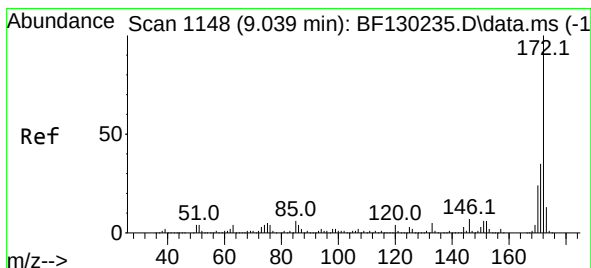
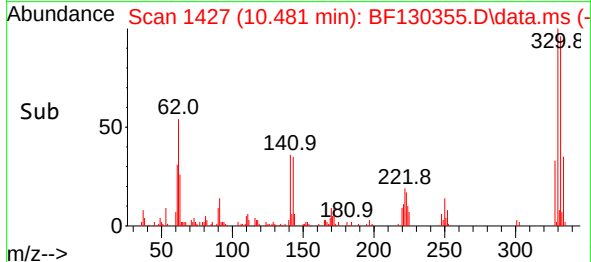
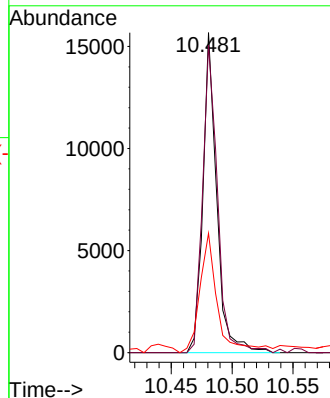
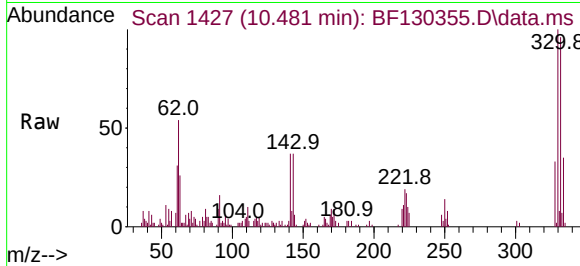
Tgt Ion:330 Resp: 12402

Ion Ratio Lower Upper

330 100

332 104.0 83.4 125.2

141 48.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 5.457 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF130355.D

Acq: 20 Sep 2022 21:08

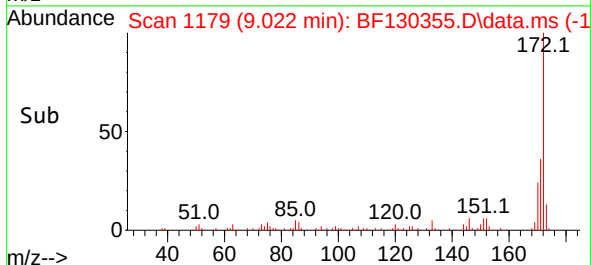
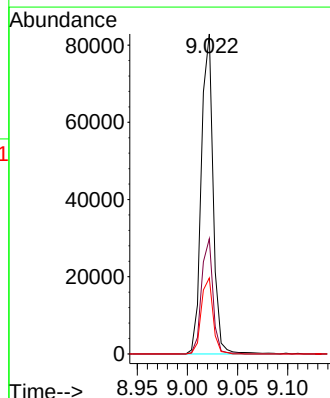
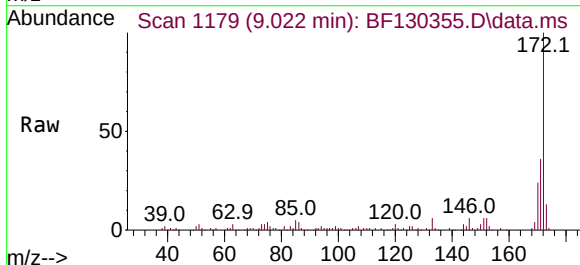
Tgt Ion:172 Resp: 67768

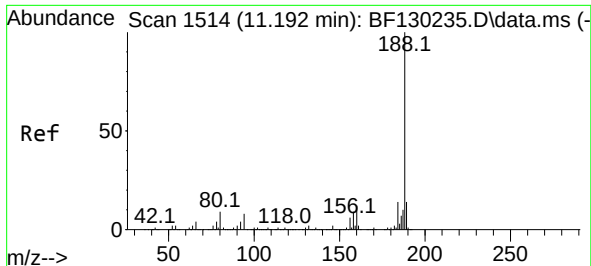
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.7 18.7 28.1

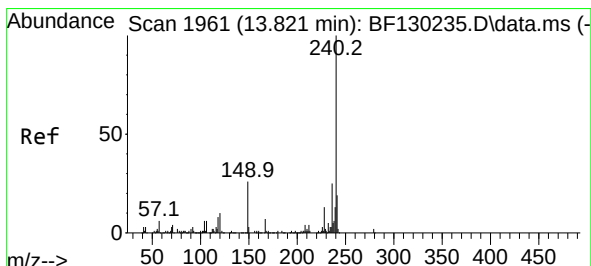
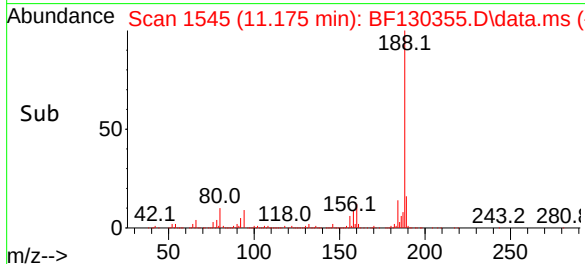
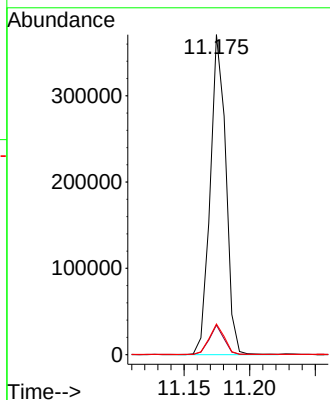
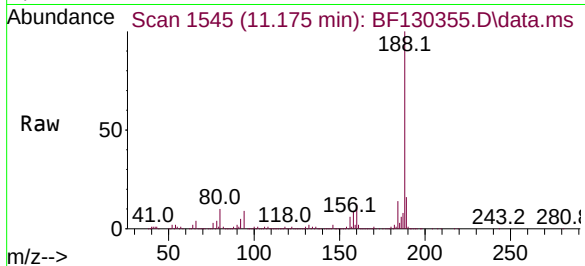




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

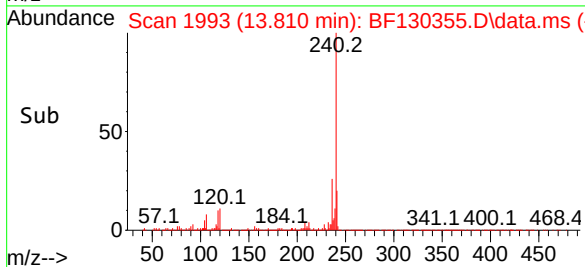
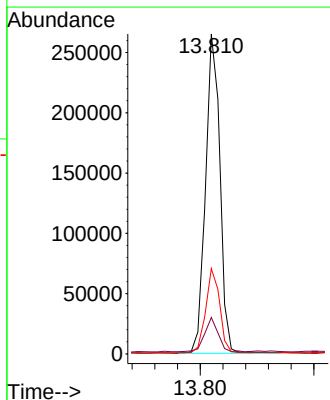
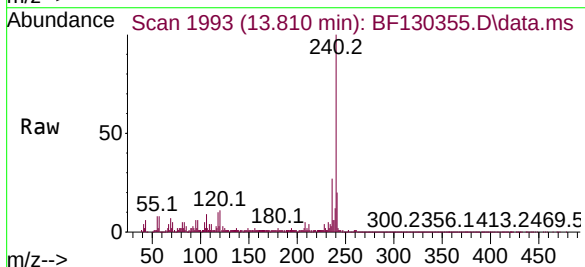
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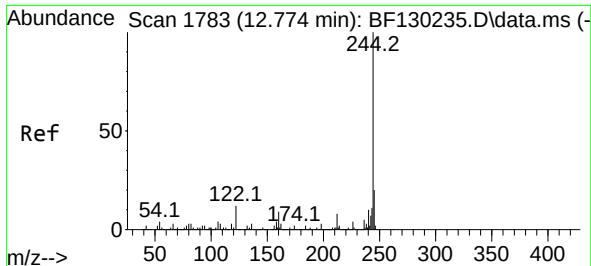
Tgt Ion:188 Resp: 308192
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BF130355.D
Acq: 20 Sep 2022 21:08

Tgt Ion:240 Resp: 233849
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 26.7 20.9 31.3

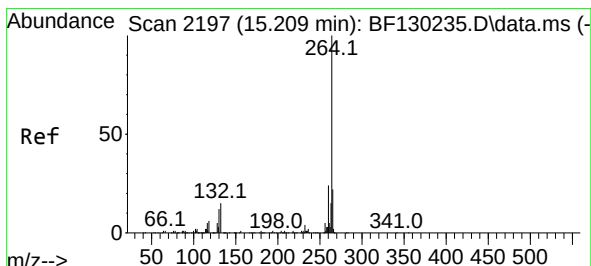
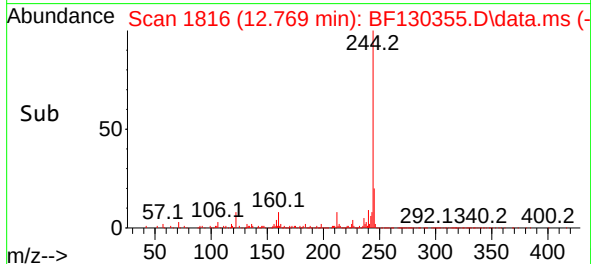
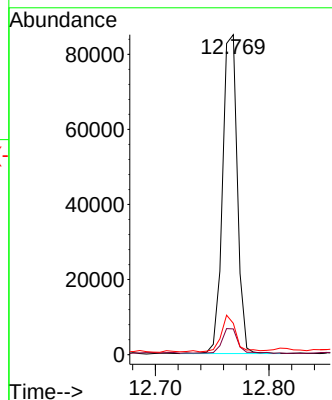
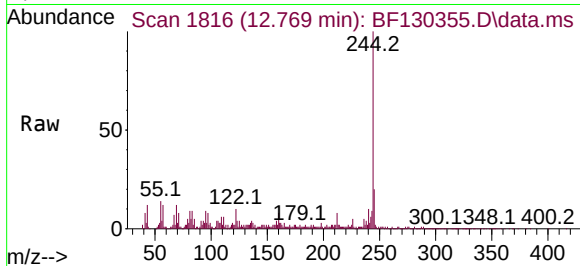




#79
 Terphenyl-d14
 Concen: 5.409 ng
 RT: 12.769 min Scan# 1816
 Delta R.T. 0.012 min
 Lab File: BF130355.D
 Acq: 20 Sep 2022 21:08

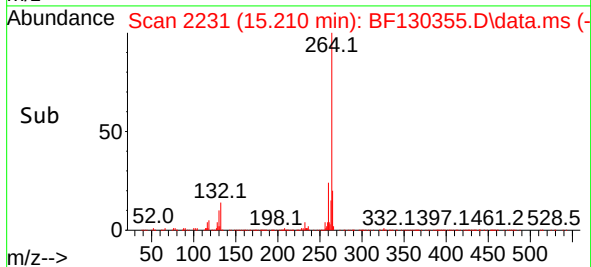
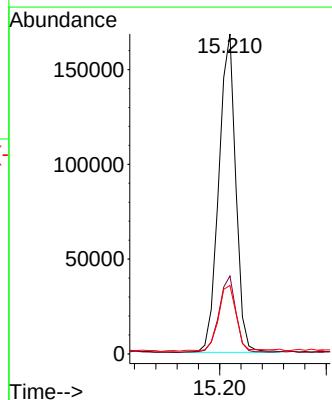
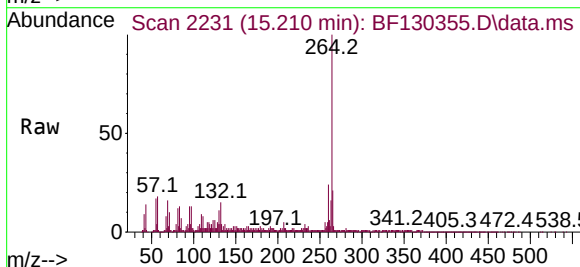
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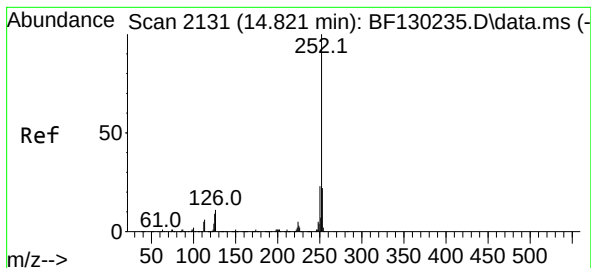
Tgt Ion:244 Resp: 76353
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 9.8 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.210 min Scan# 2231
 Delta R.T. 0.024 min
 Lab File: BF130355.D
 Acq: 20 Sep 2022 21:08

Tgt Ion:264 Resp: 186898
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.4 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 3.109 ng

RT: 14.810 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF130355.D

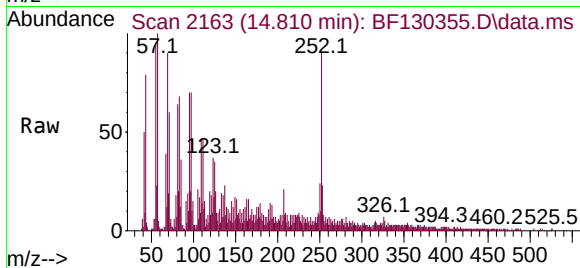
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Instrument :

BNA_F

ClientSampleId :

HR-01-091922



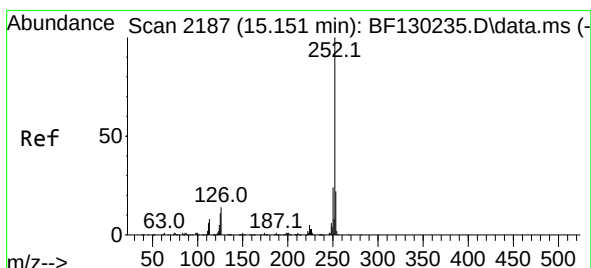
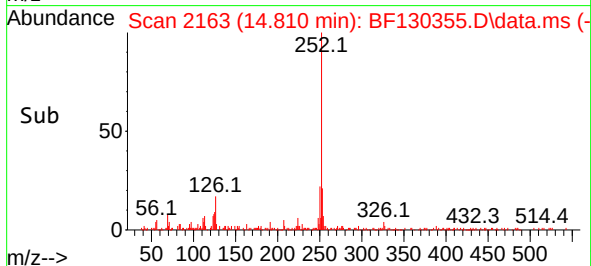
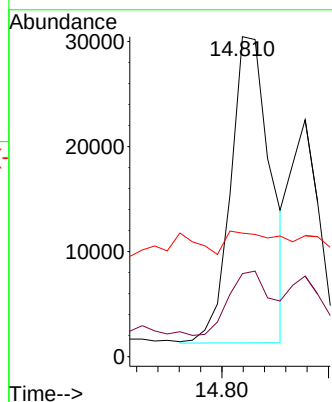
Tgt Ion:252 Resp: 37922

Ion Ratio Lower Upper

252 100

253 25.9 17.7 26.5

125 38.6 8.1 12.1#



#90

Benzo(a)pyrene

Concen: 2.734 ng

RT: 15.145 min Scan# 2220

Delta R.T. 0.012 min

Lab File: BF130355.D

Acq: 20 Sep 2022 21:08

Tgt Ion:252 Resp: 26426

Ion Ratio Lower Upper

252 100

253 29.6 17.8 26.6#

125 50.3 9.0 13.6#

