

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130448.D
 Acq On : 28 Sep 2022 15:04
 Operator : CG\JU
 Sample : N4815-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-2

Quant Time: Sep 29 02:14:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	102719	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	399684	20.000	ng	# 0.00
39) Acenaphthene-d10	9.675	164	201415	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	317075	20.000	ng	0.00
76) Chrysene-d12	13.786	240	174571	20.000	ng	0.00
86) Perylene-d12	15.174	264	202569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	610079	103.015	ng	0.00
7) Phenol-d6	6.286	99	761945	102.825	ng	0.00
23) Nitrobenzene-d5	7.210	82	487568	62.322	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	145318	75.297	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	951956	68.825	ng	0.00
79) Terphenyl-d14	12.745	244	776810	73.711	ng	0.00

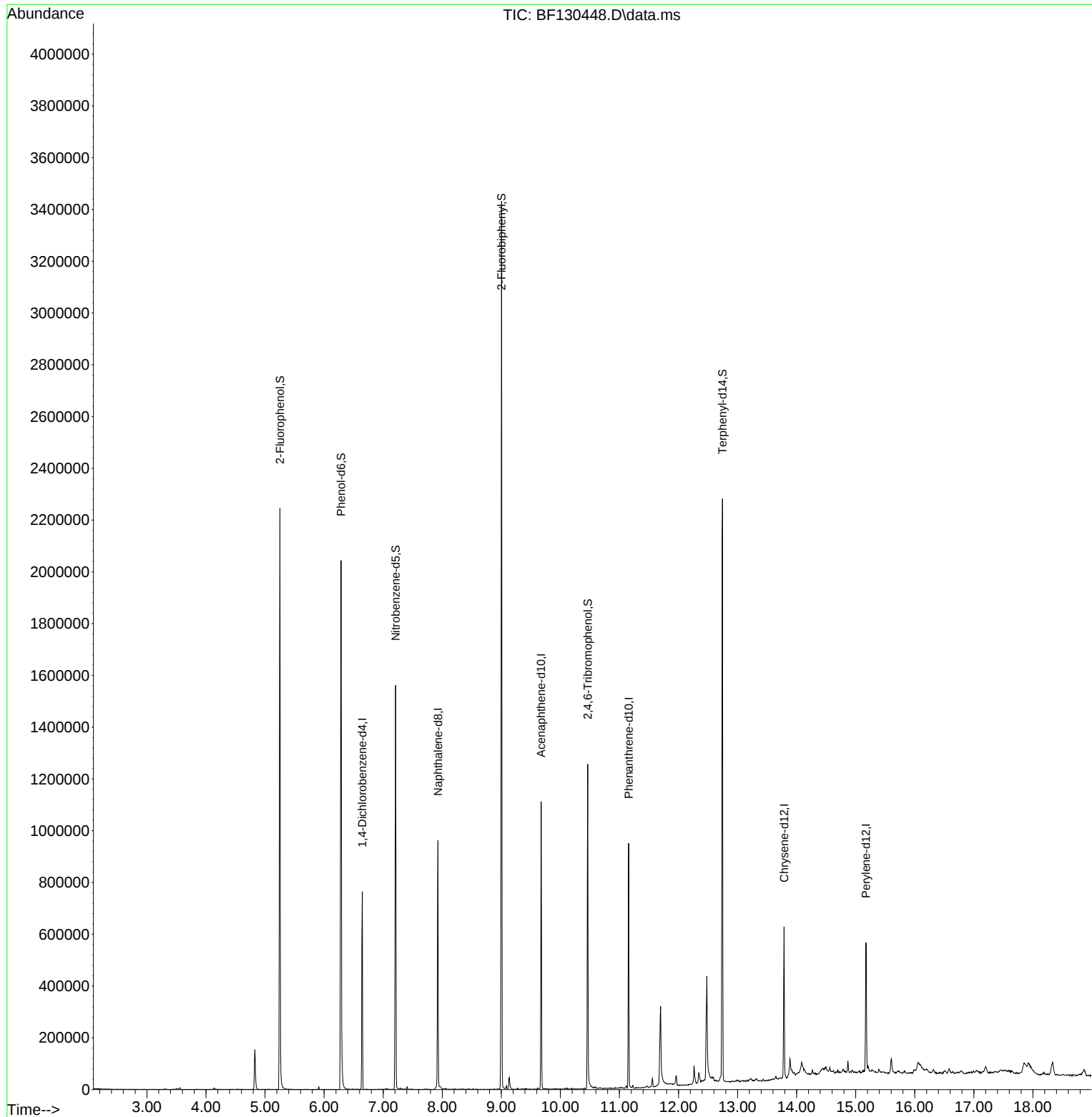
Target Compounds	Qvalue

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

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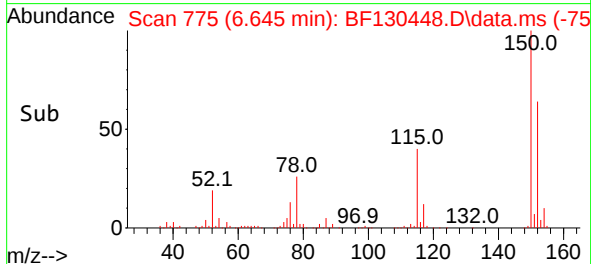
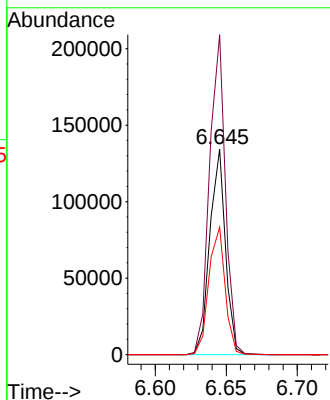
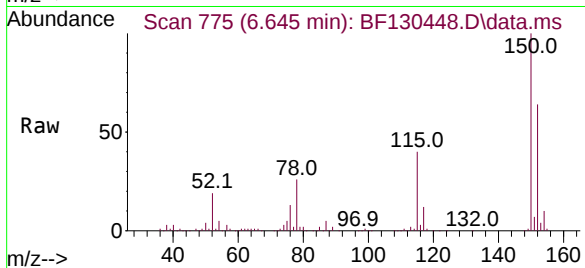




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130448.D
 Acq: 28 Sep 2022 15:04

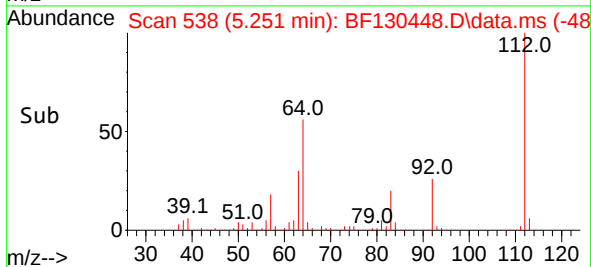
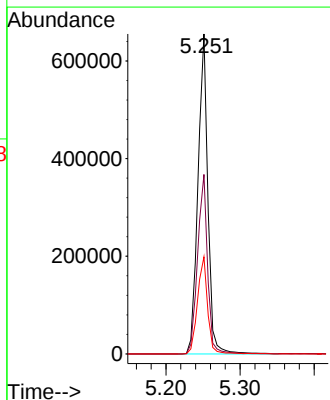
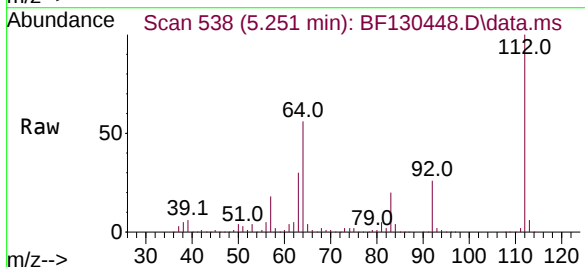
Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-2

Tgt Ion:152 Resp: 102719
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.8 184.2
 115 62.1 53.8 80.8



#5
 2-Fluorophenol
 Concen: 103.015 ng
 RT: 5.251 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130448.D
 Acq: 28 Sep 2022 15:04

Tgt Ion:112 Resp: 610079
 Ion Ratio Lower Upper
 112 100
 64 56.1 51.4 77.0
 63 30.3 28.8 43.2





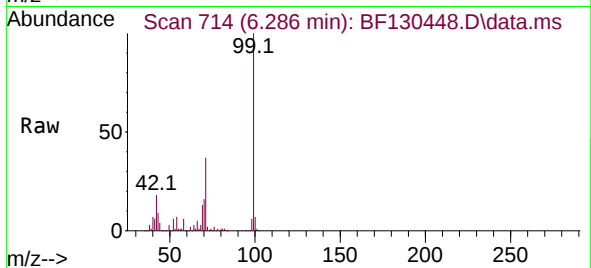
#7
Phenol-d6
Concen: 102.825 ng
RT: 6.286 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

Instrument :

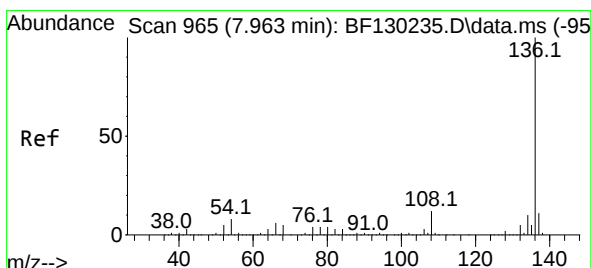
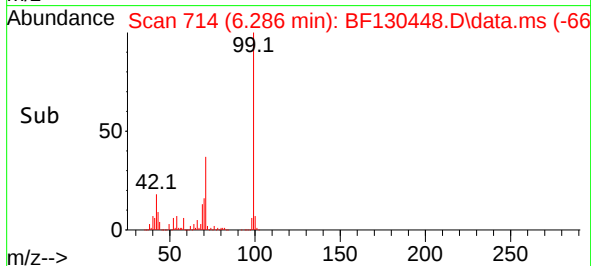
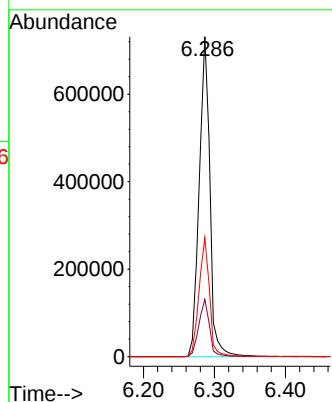
BNA_F

ClientSampleId :

SAND-FILTER-2

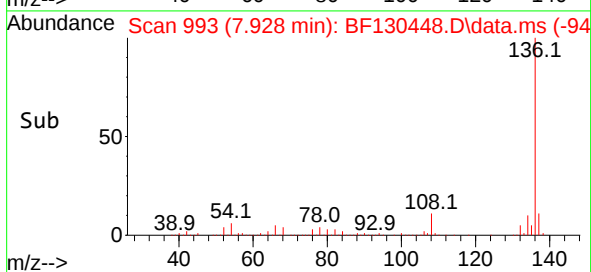
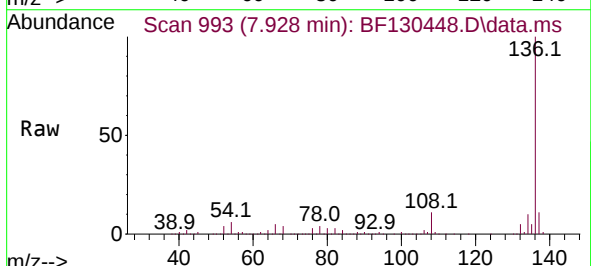
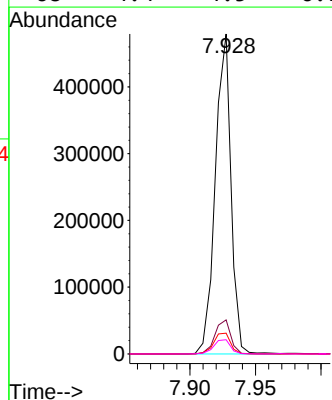


Tgt Ion: 99 Resp: 761945
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 37.2 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

Tgt Ion: 136 Resp: 399684
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.5 7.1 10.7#
68 4.4 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 62.322 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130448.D

Acq: 28 Sep 2022 15:04

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-2

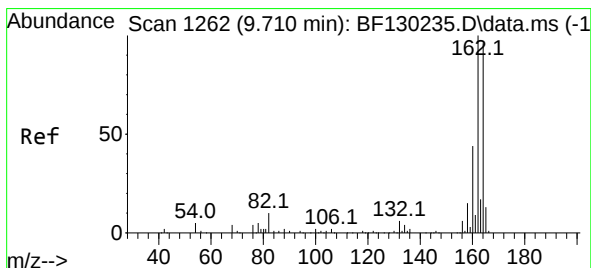
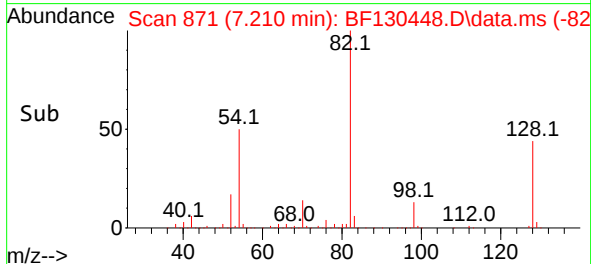
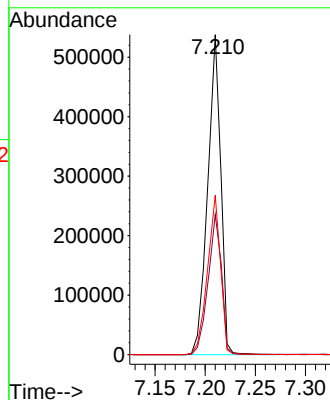
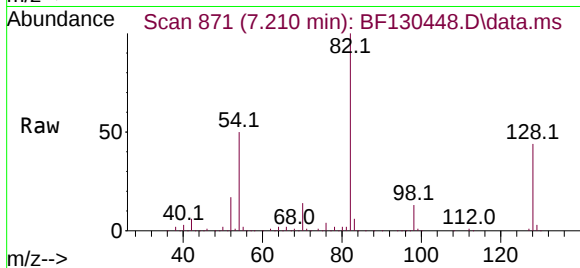
Tgt Ion: 82 Resp: 487568

Ion Ratio Lower Upper

82 100

128 43.8 32.6 49.0

54 49.8 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.675 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF130448.D

Acq: 28 Sep 2022 15:04

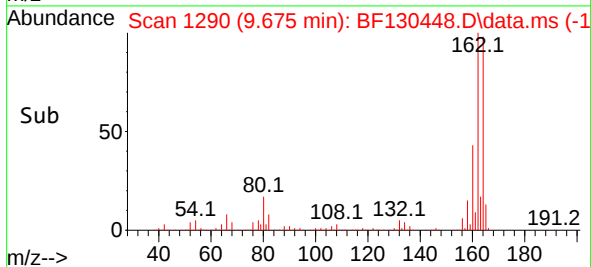
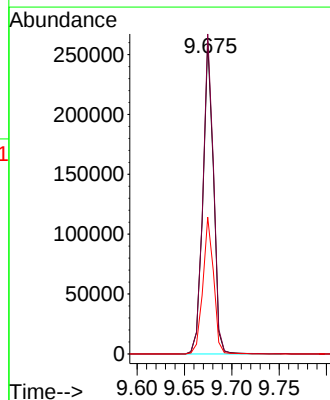
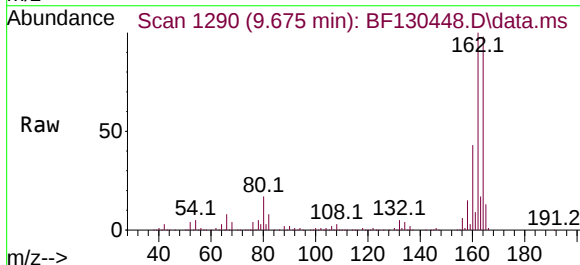
Tgt Ion:164 Resp: 201415

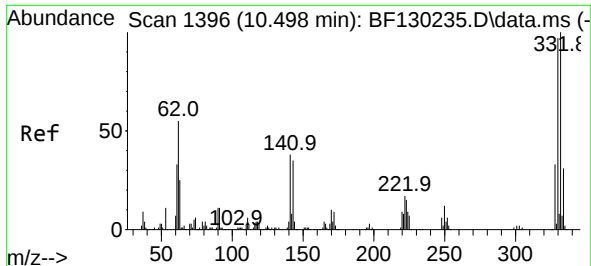
Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

160 43.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 75.297 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130448.D

Acq: 28 Sep 2022 15:04

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-2

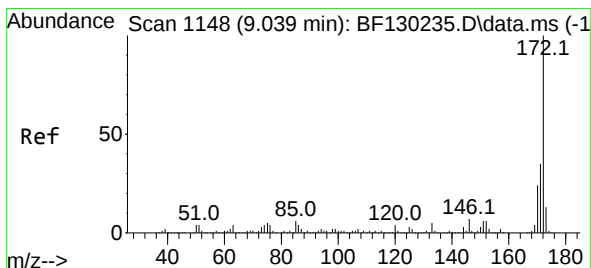
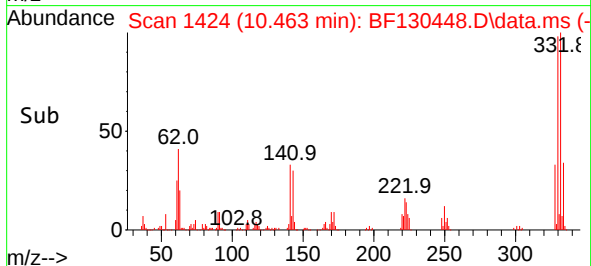
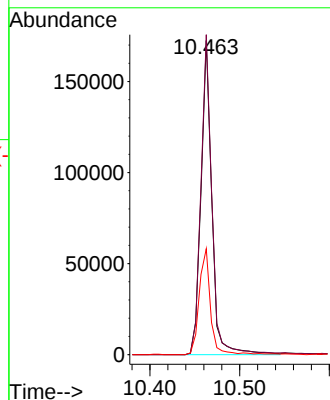
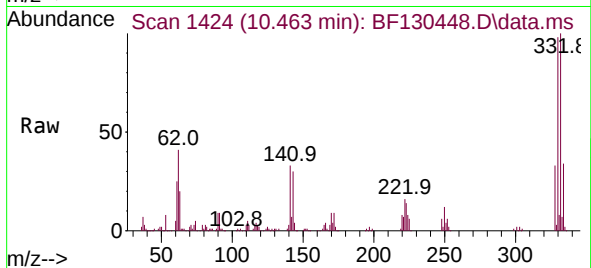
Tgt Ion:330 Resp: 145318

Ion Ratio Lower Upper

330 100

332 103.7 83.4 125.2

141 35.2 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 68.825 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130448.D

Acq: 28 Sep 2022 15:04

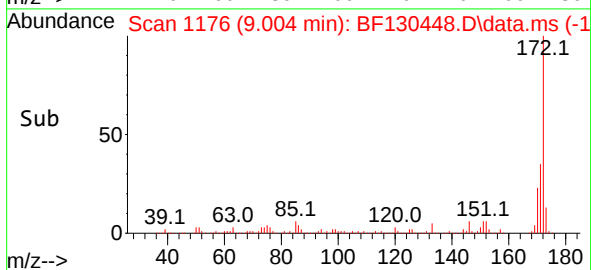
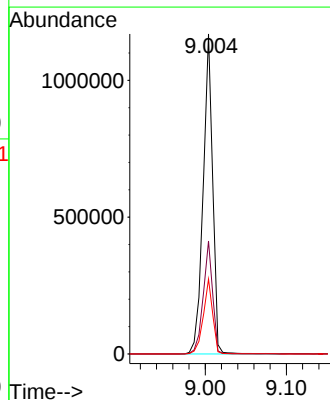
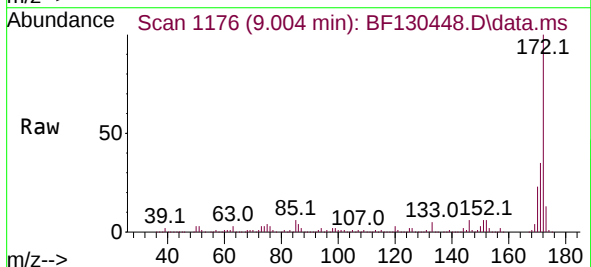
Tgt Ion:172 Resp: 951956

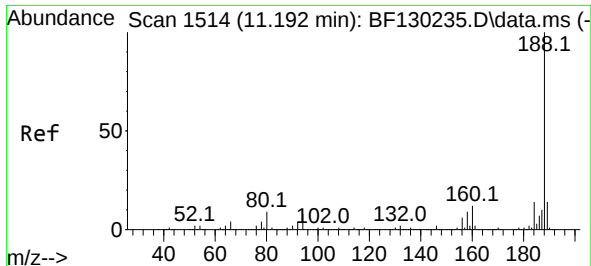
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 18.7 28.1

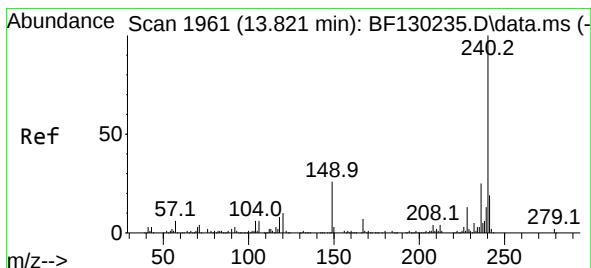
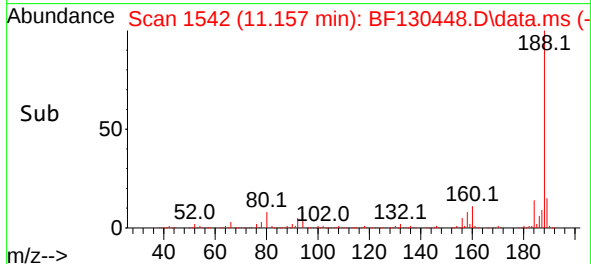
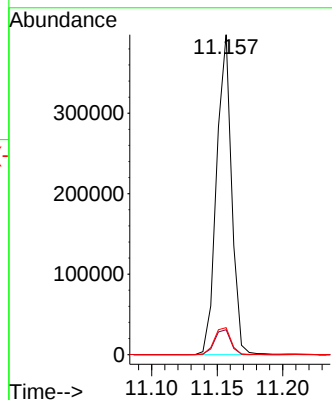
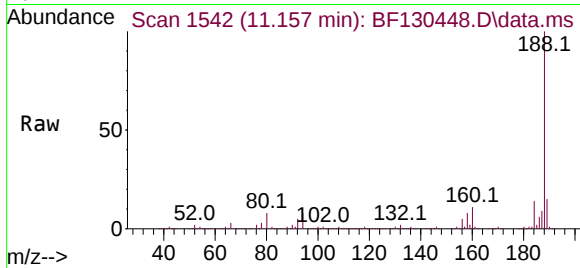




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

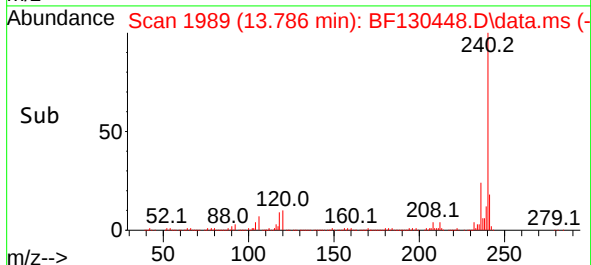
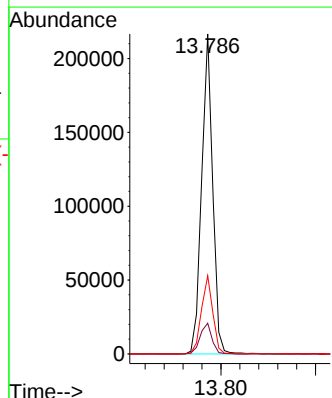
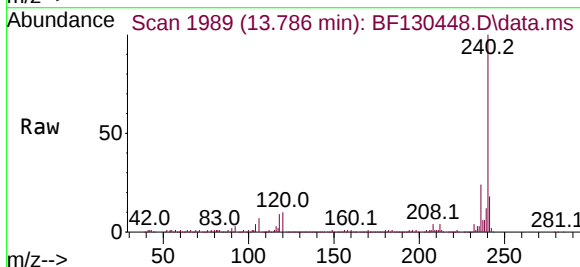
Instrument :
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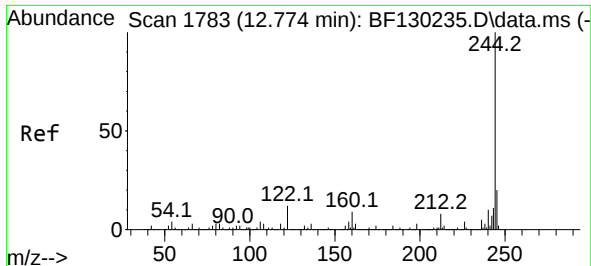
Tgt Ion:188 Resp: 317075
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130448.D
Acq: 28 Sep 2022 15:04

Tgt Ion:240 Resp: 174571
Ion Ratio Lower Upper
240 100
120 9.6 8.7 13.1
236 24.4 20.9 31.3

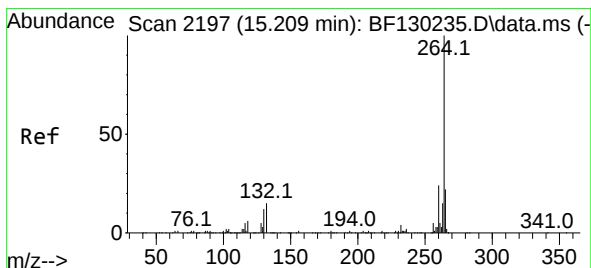
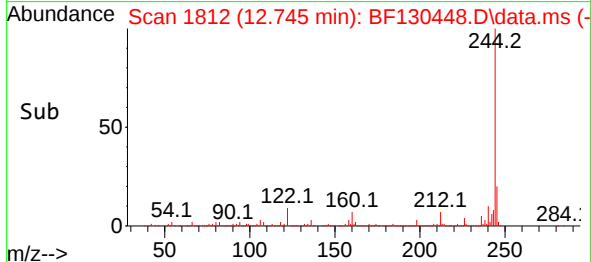
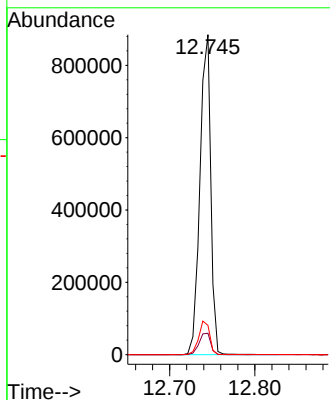
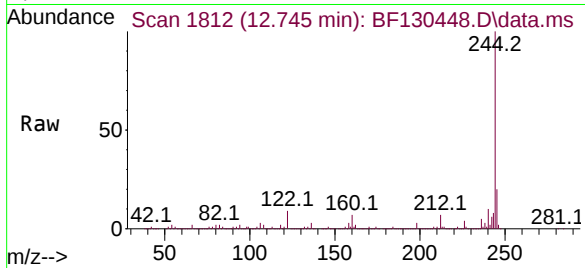




#79
 Terphenyl-d14
 Concen: 73.711 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. -0.000 min
 Lab File: BF130448.D
 Acq: 28 Sep 2022 15:04

Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-2

Tgt Ion:244 Resp: 776810
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 9.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.174 min Scan# 2225
 Delta R.T. -0.000 min
 Lab File: BF130448.D
 Acq: 28 Sep 2022 15:04

Tgt Ion:264 Resp: 202569
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 20.1 17.0 25.4

