

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139188.D
 Acq On : 27 Aug 2024 15:48
 Operator : RC/JU
 Sample : P3732-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UI-5

Quant Time: Aug 27 16:39:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	78640	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	284201	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	157844	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	249990	20.000	ng	0.00
76) Chrysene-d12	14.045	240	176511	20.000	ng	0.00
86) Perylene-d12	15.516	264	158852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	559187	119.486	ng	0.00
7) Phenol-d6	6.516	99	725597	112.972	ng	0.00
23) Nitrobenzene-d5	7.451	82	460970	89.858	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	168209	124.428	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	763688	75.155	ng	0.00
79) Terphenyl-d14	12.992	244	716300	63.320	ng	0.00

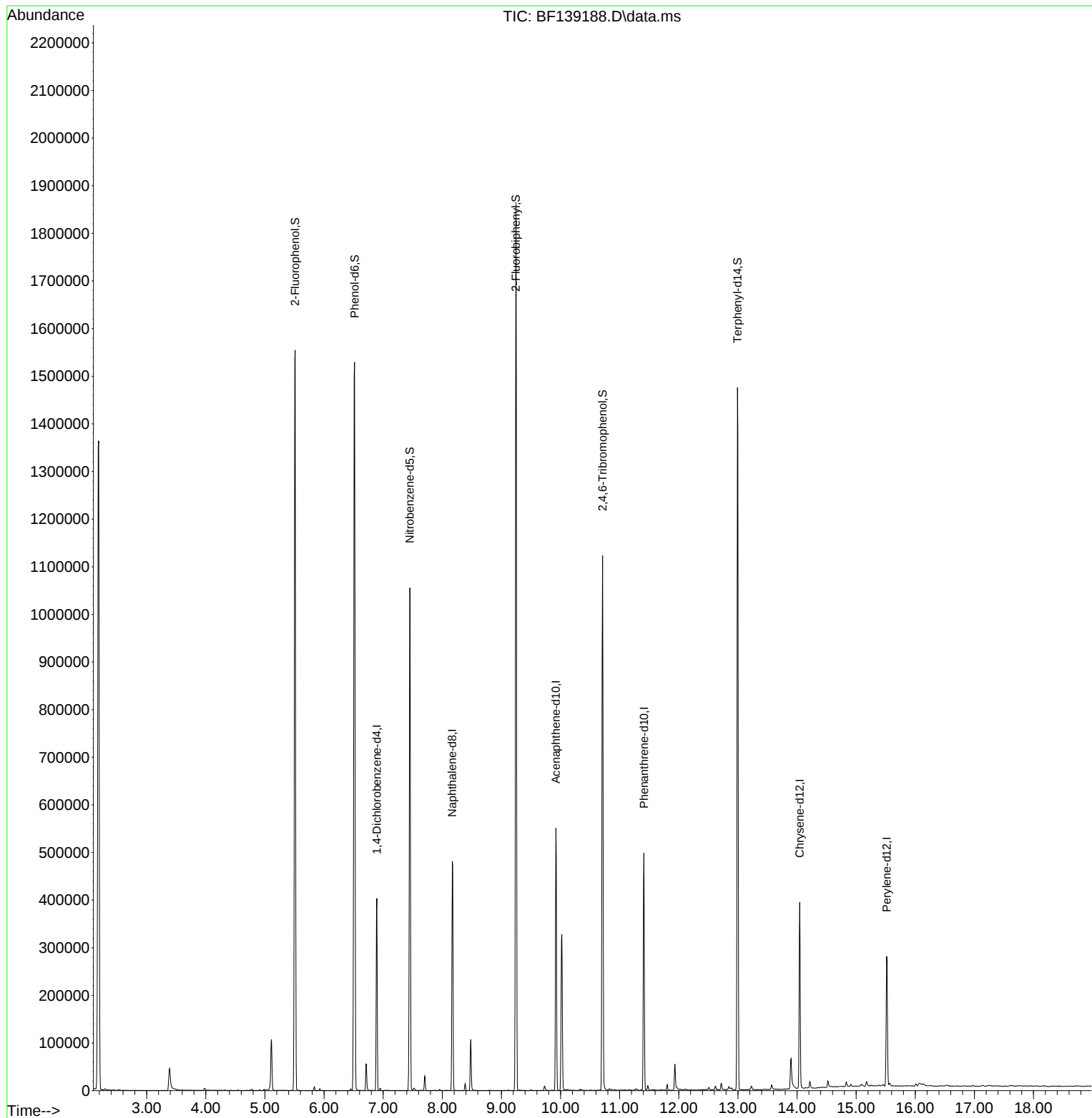
Target Compounds	Qvalue

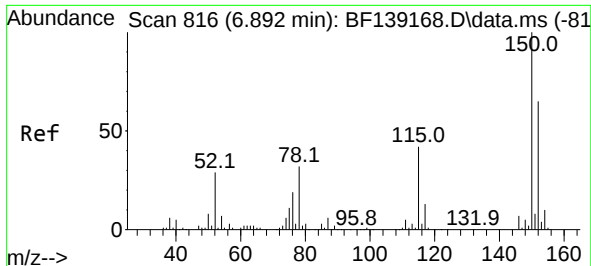
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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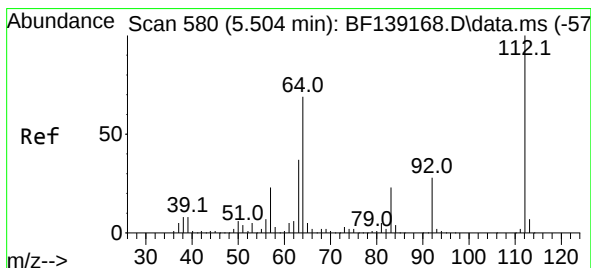
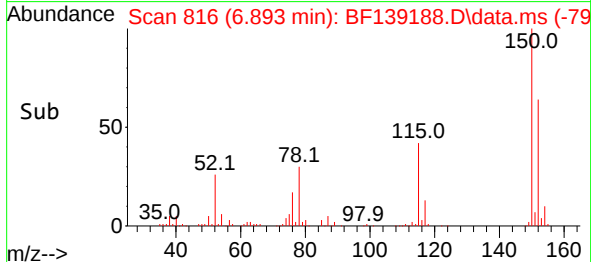
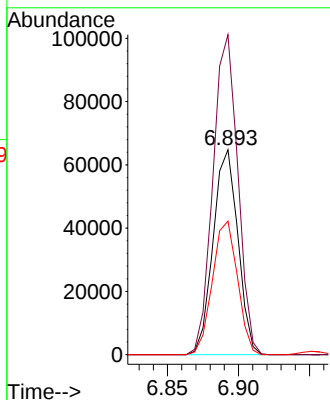
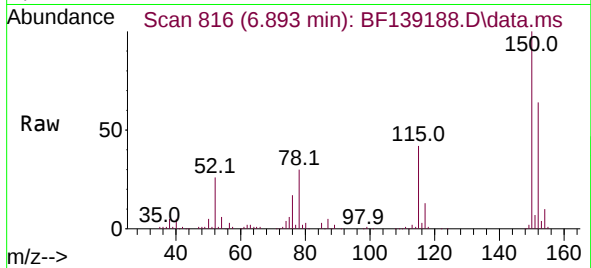




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

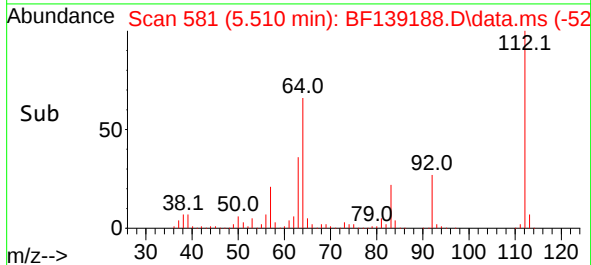
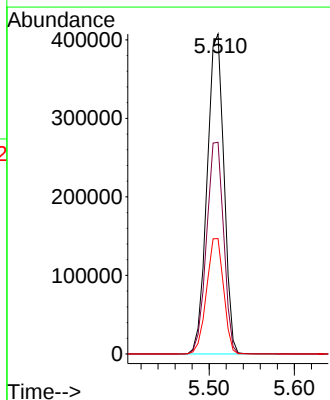
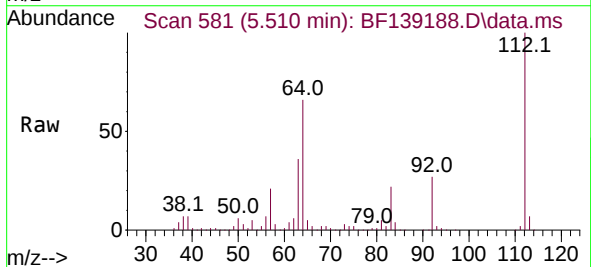
Instrument :
BNA_F
ClientSampleId :
UI-5

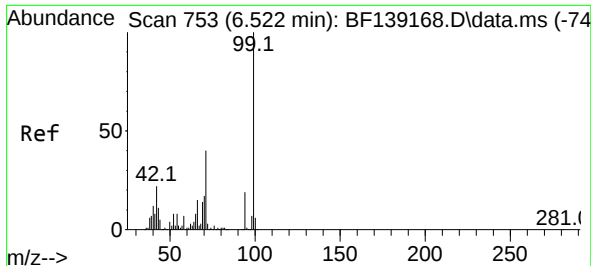
Tgt Ion:152 Resp: 78640
Ion Ratio Lower Upper
152 100
150 156.1 123.7 185.5
115 65.2 51.8 77.8



#5
2-Fluorophenol
Concen: 119.486 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

Tgt Ion:112 Resp: 559187
Ion Ratio Lower Upper
112 100
64 66.1 55.5 83.3
63 36.0 29.8 44.6

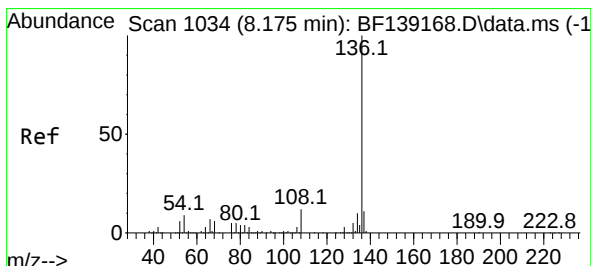
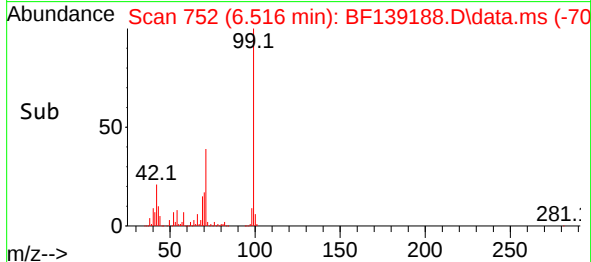
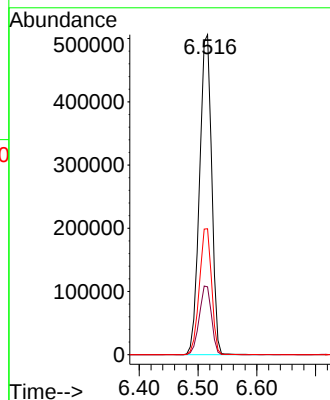
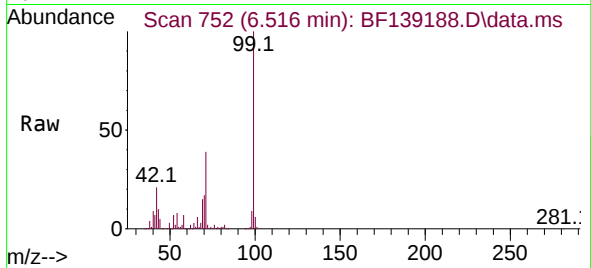




#7
Phenol-d6
Concen: 112.972 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

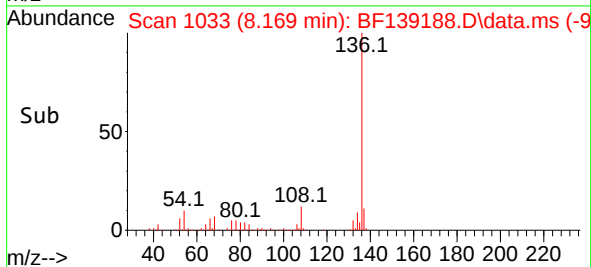
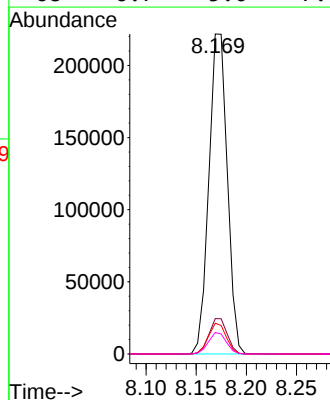
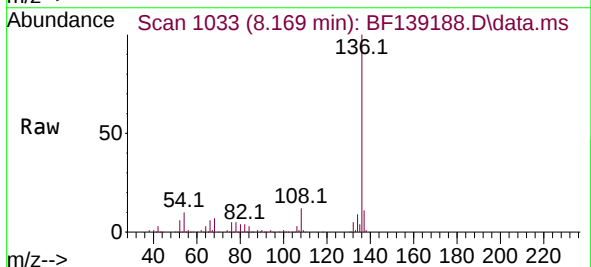
Instrument :
BNA_F
ClientSampleId :
UI-5

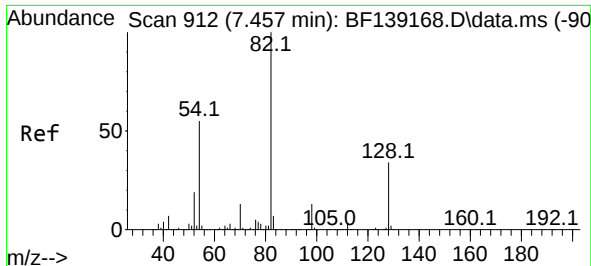
Tgt Ion: 99 Resp: 725597
Ion Ratio Lower Upper
99 100
42 21.2 17.9 26.9
71 39.4 31.7 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

Tgt Ion: 136 Resp: 284201
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.6 7.6 11.4
68 6.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 89.858 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139188.D

Acq: 27 Aug 2024 15:48

Instrument :

BNA_F

ClientSampleId :

UI-5

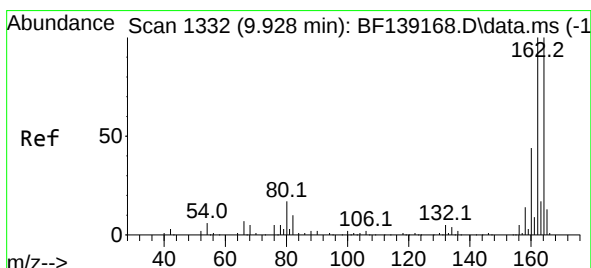
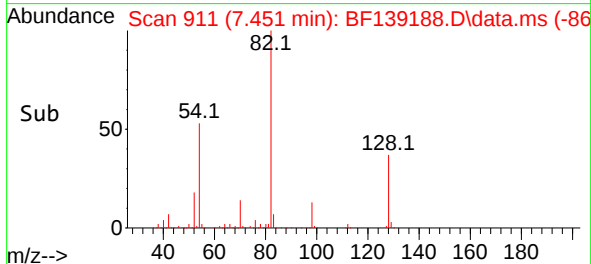
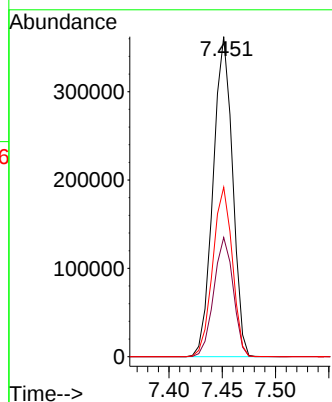
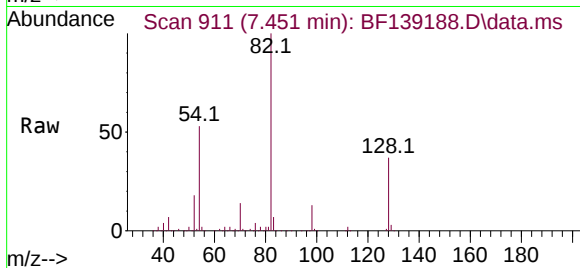
Tgt Ion: 82 Resp: 460970

Ion Ratio Lower Upper

82 100

128 37.3 27.1 40.7

54 53.0 44.2 66.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139188.D

Acq: 27 Aug 2024 15:48

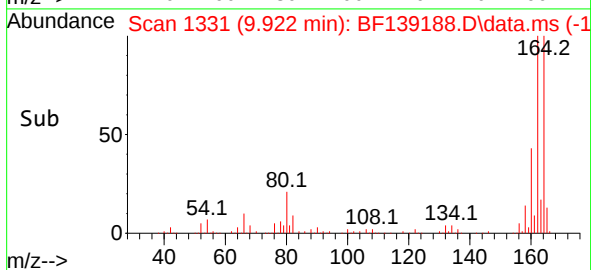
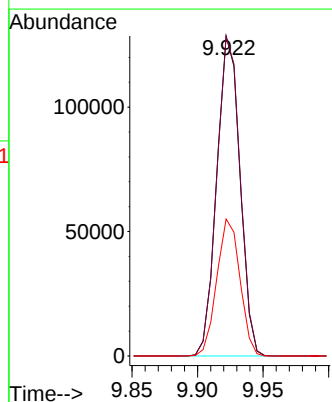
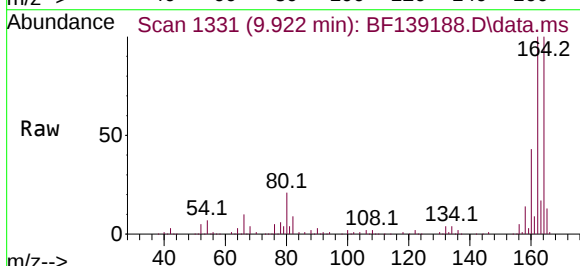
Tgt Ion: 164 Resp: 157844

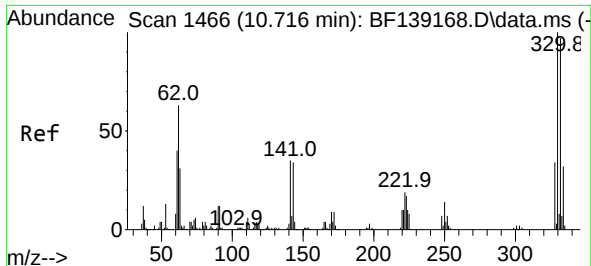
Ion Ratio Lower Upper

164 100

162 99.9 80.0 120.0

160 42.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 124.428 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139188.D

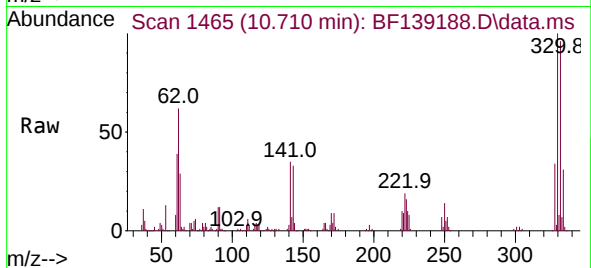
Acq: 27 Aug 2024 15:48

Instrument :

BNA_F

ClientSampleId :

UI-5



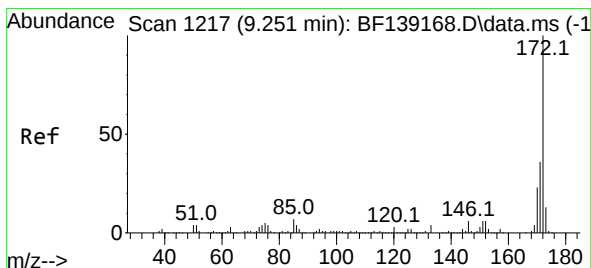
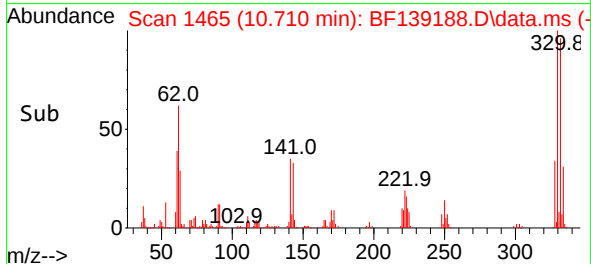
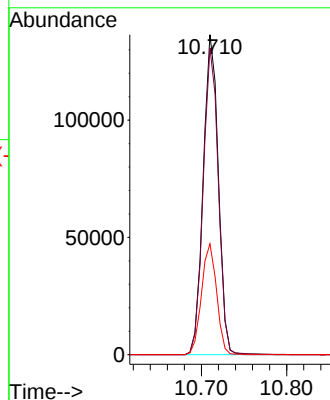
Tgt Ion:330 Resp: 168209

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 34.4 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 75.155 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139188.D

Acq: 27 Aug 2024 15:48

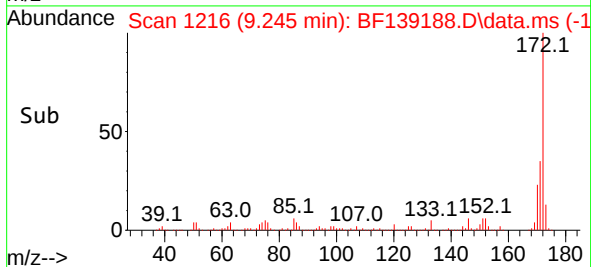
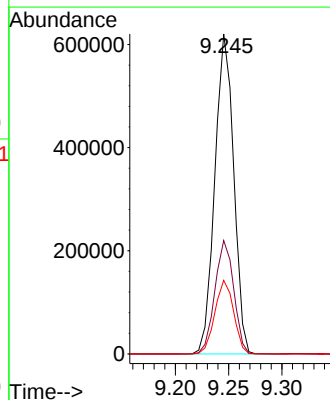
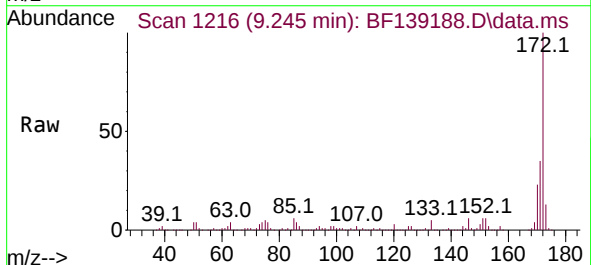
Tgt Ion:172 Resp: 763688

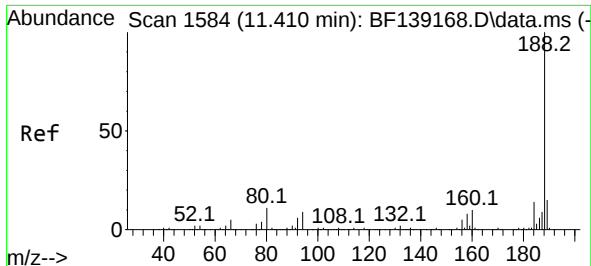
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.0 18.8 28.2

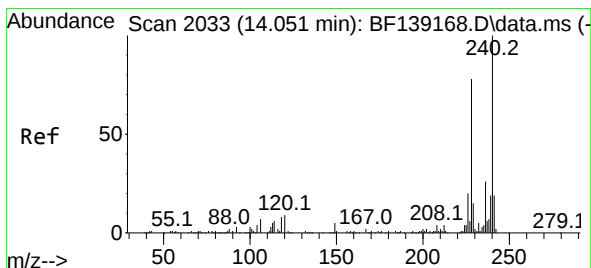
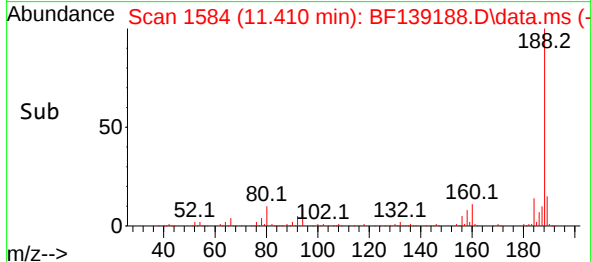
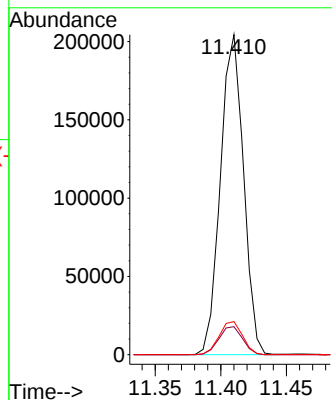
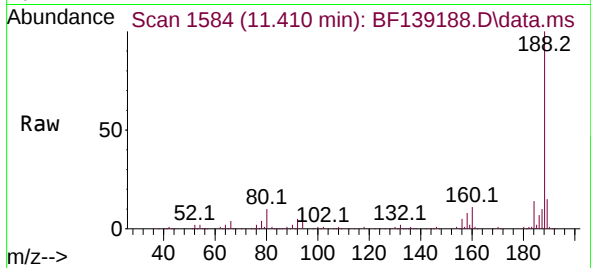




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

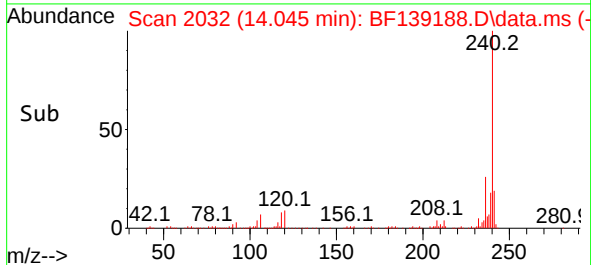
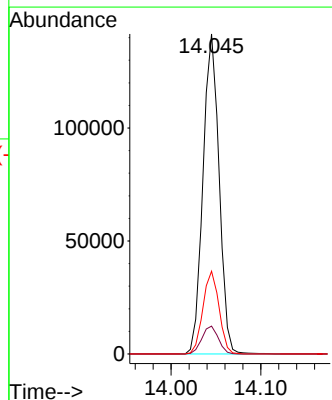
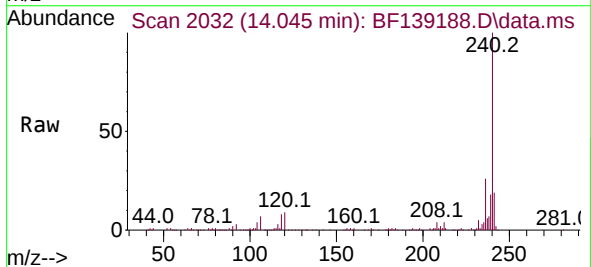
Instrument :
BNA_F
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UI-5

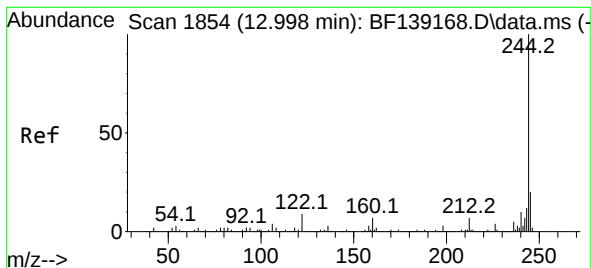
Tgt Ion:188 Resp: 249990
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 10.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139188.D
Acq: 27 Aug 2024 15:48

Tgt Ion:240 Resp: 176511
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 63.320 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139188.D

Acq: 27 Aug 2024 15:48

Instrument :

BNA_F

ClientSampleId :

UI-5

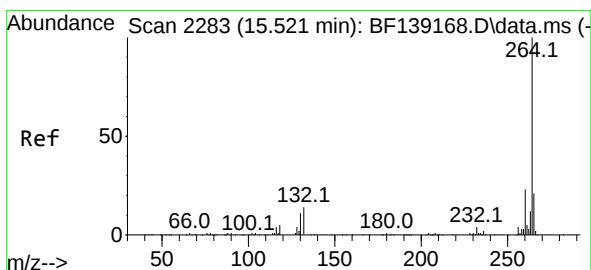
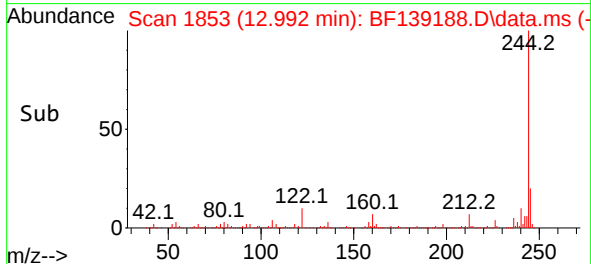
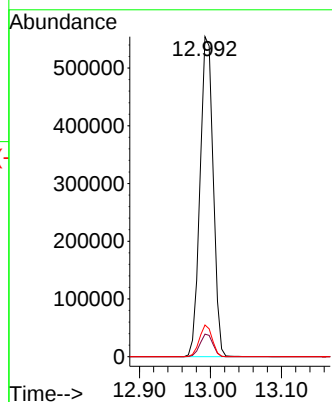
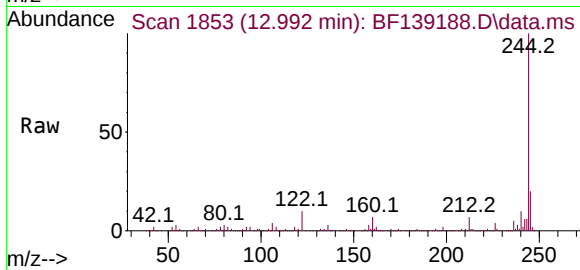
Tgt Ion:244 Resp: 716300

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.9 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.516 min Scan# 2282

Delta R.T. -0.005 min

Lab File: BF139188.D

Acq: 27 Aug 2024 15:48

Tgt Ion:264 Resp: 158852

Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 21.7 17.0 25.6

