

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139181.D
 Acq On : 27 Aug 2024 12:16
 Operator : RC/JU
 Sample : P3717-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Aug 27 13:06:51 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	6.892	152	84114	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	310880	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	172931	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	286738	20.000	ng	0.00
76) Chrysene-d12	14.045	240	153057	20.000	ng	0.00
86) Perylene-d12	15.515	264	174253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	354493	70.818	ng	0.00
7) Phenol-d6	6.510	99	475762	69.253	ng	-0.01
23) Nitrobenzene-d5	7.445	82	301933	53.806	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	108849	73.493	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	544040	48.869	ng	0.00
79) Terphenyl-d14	12.992	244	512429	52.239	ng	0.00

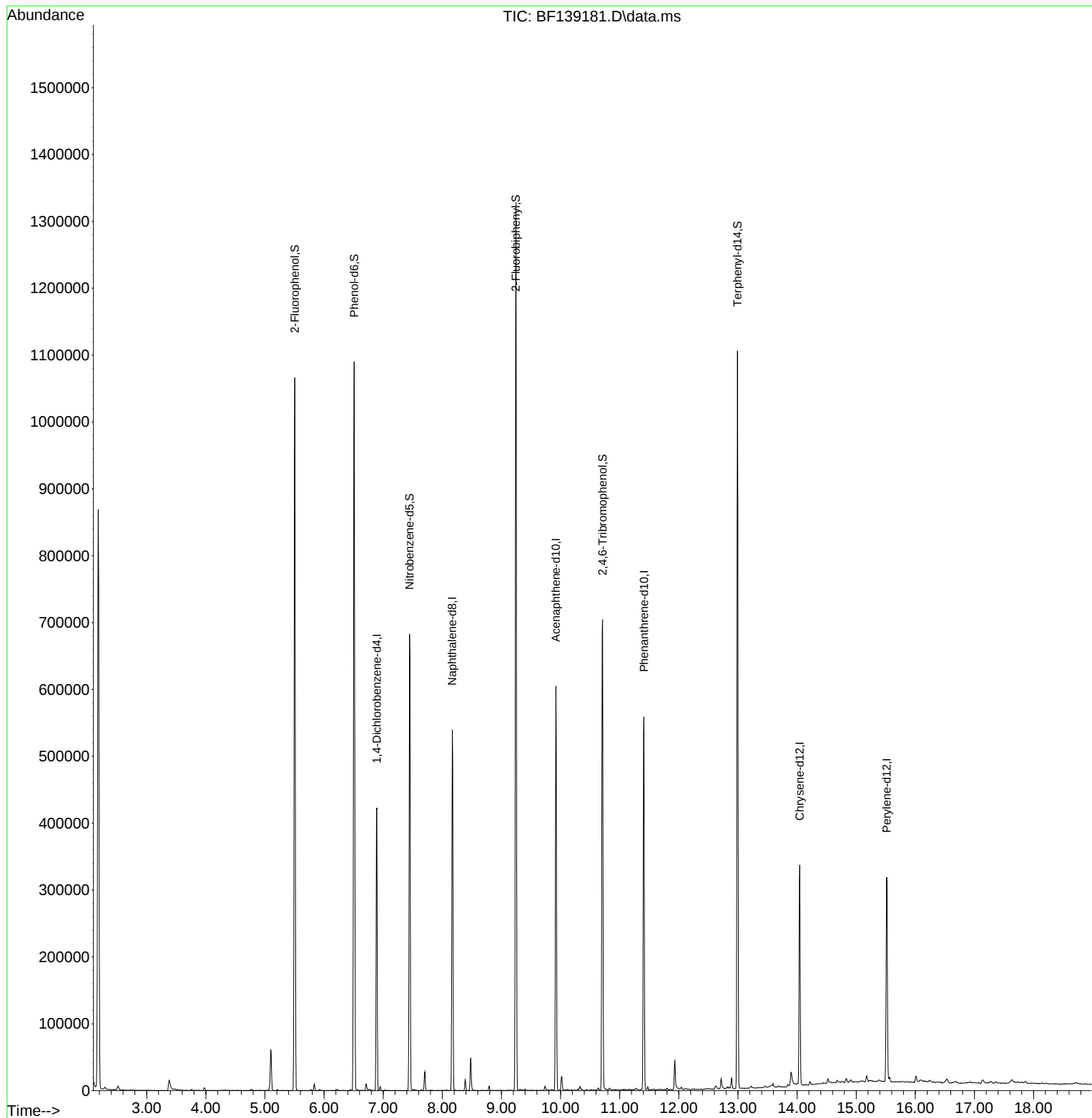
Target Compounds	Qvalue

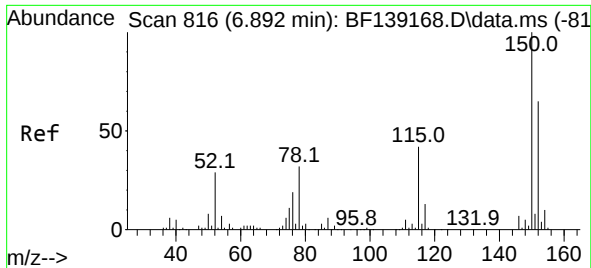
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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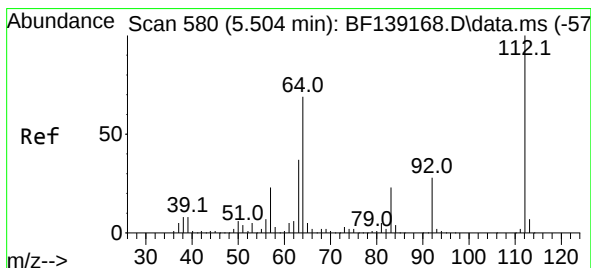
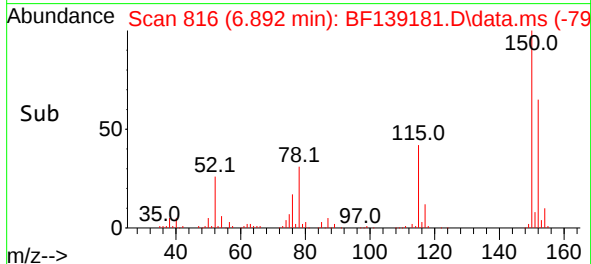
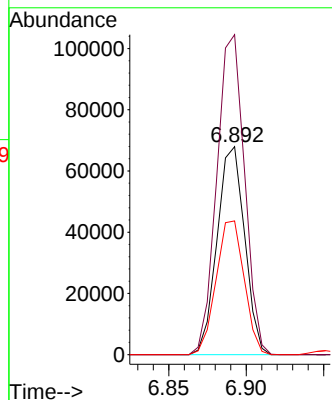
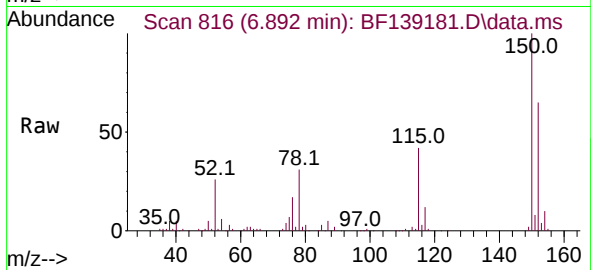




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF139181.D
 Acq: 27 Aug 2024 12:16

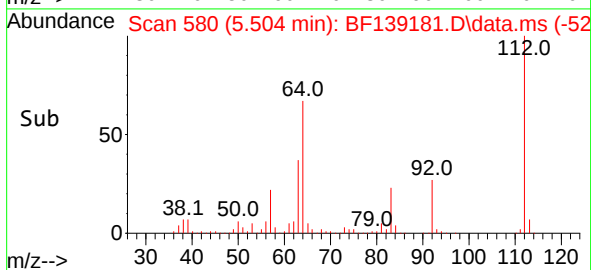
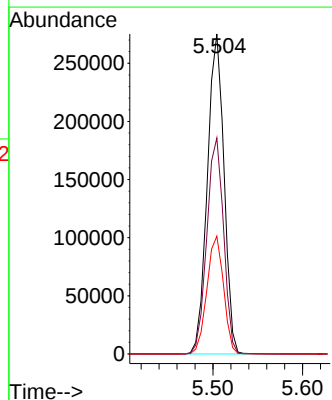
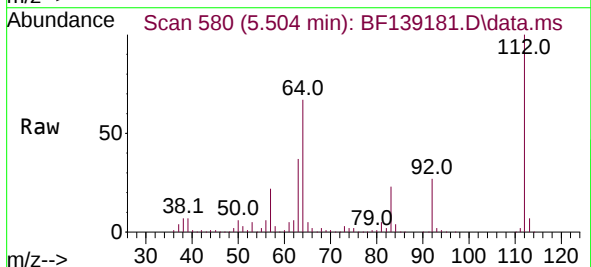
Instrument :
 BNA_F
 ClientSampleId :
 TP-5

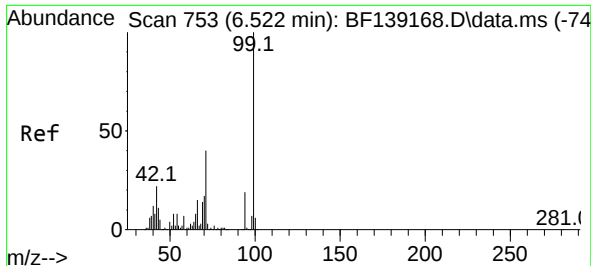
Tgt Ion:152 Resp: 84114
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.7 185.5
 115 64.3 51.8 77.8



#5
 2-Fluorophenol
 Concen: 70.818 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.000 min
 Lab File: BF139181.D
 Acq: 27 Aug 2024 12:16

Tgt Ion:112 Resp: 354493
 Ion Ratio Lower Upper
 112 100
 64 67.5 55.5 83.3
 63 36.8 29.8 44.6

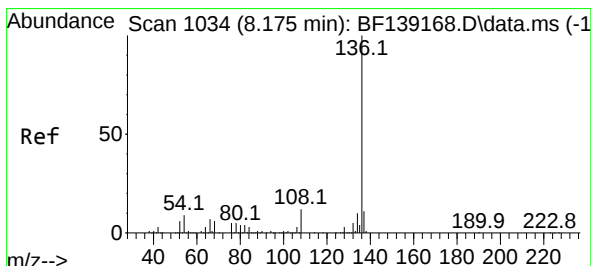
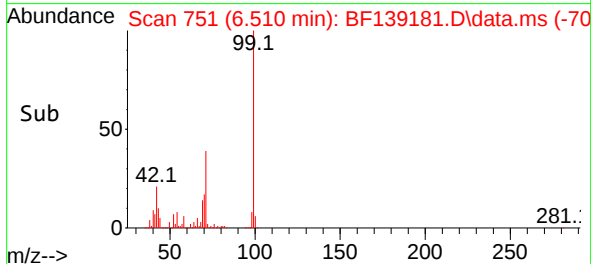
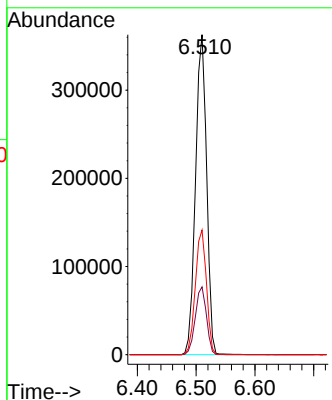
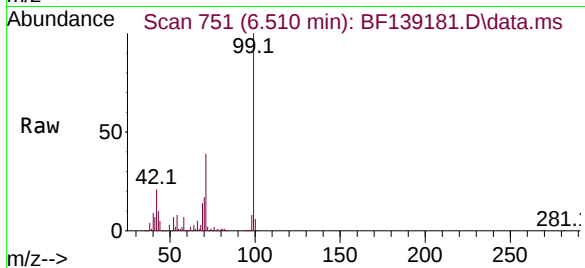




#7
Phenol-d6
Concen: 69.253 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

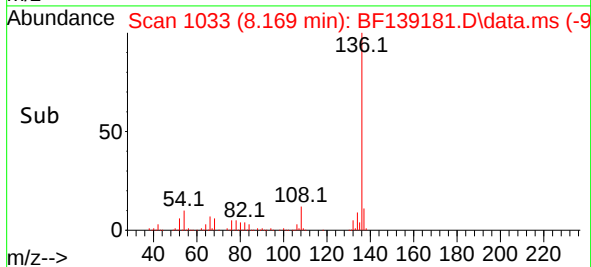
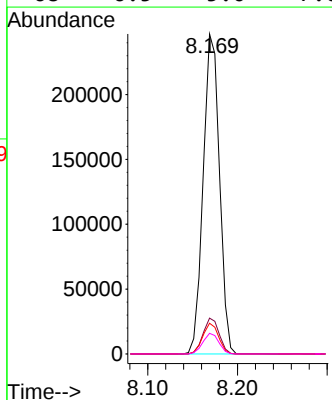
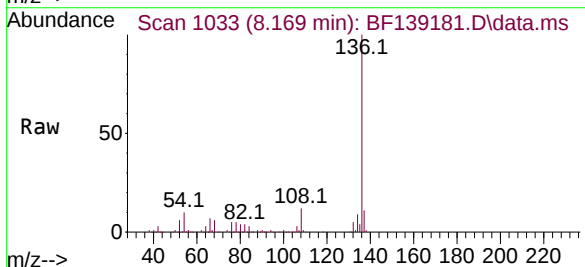
Instrument :
BNA_F
ClientSampleId :
TP-5

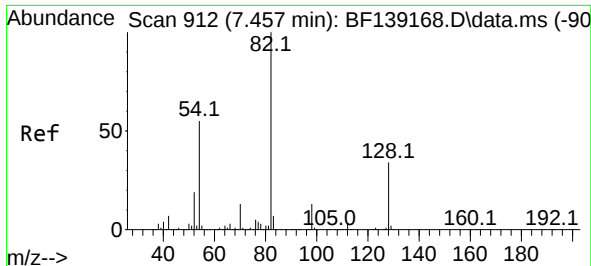
Tgt Ion: 99 Resp: 475762
Ion Ratio Lower Upper
99 100
42 21.2 17.9 26.9
71 38.9 31.7 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

Tgt Ion: 136 Resp: 310880
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.6 7.6 11.4
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 53.806 ng

RT: 7.445 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF139181.D

Acq: 27 Aug 2024 12:16

Instrument :

BNA_F

ClientSampleId :

TP-5

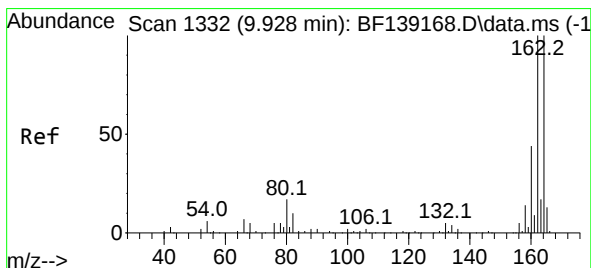
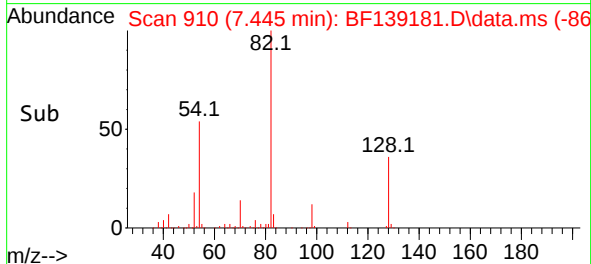
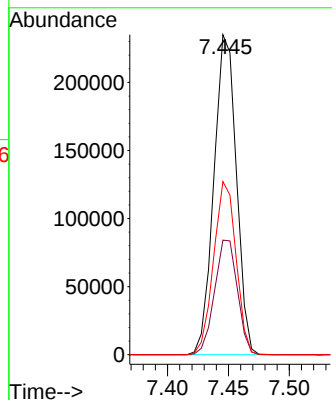
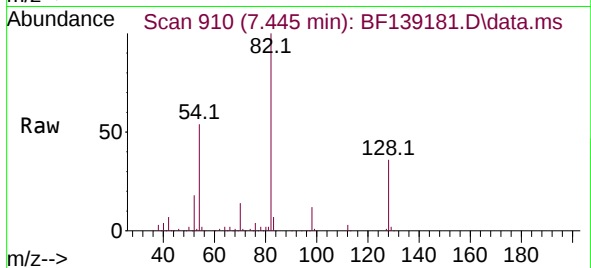
Tgt Ion: 82 Resp: 301933

Ion Ratio Lower Upper

82 100

128 35.8 27.1 40.7

54 54.1 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: BF139181.D

Acq: 27 Aug 2024 12:16

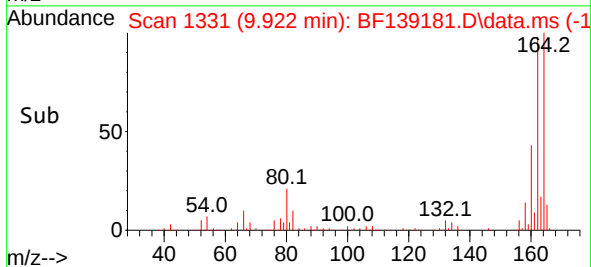
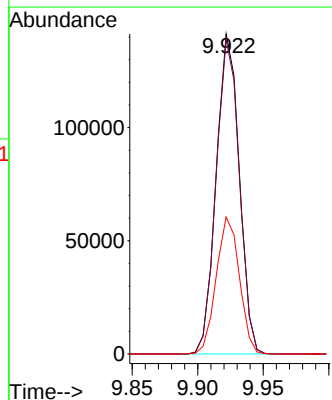
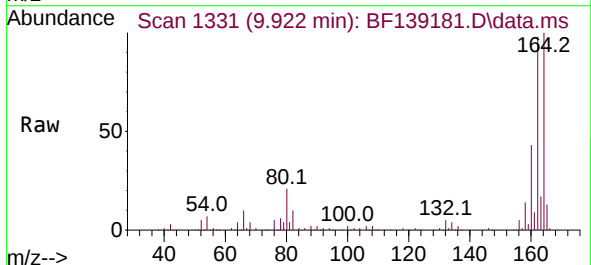
Tgt Ion:164 Resp: 172931

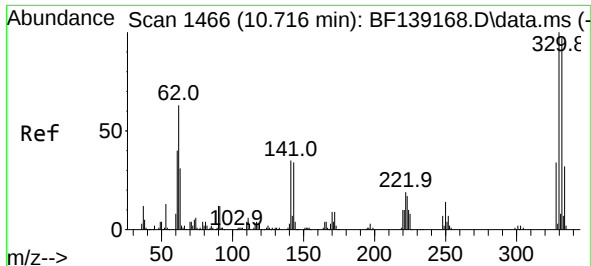
Ion Ratio Lower Upper

164 100

162 98.3 80.0 120.0

160 42.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 73.493 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139181.D

Acq: 27 Aug 2024 12:16

Instrument :

BNA_F

ClientSampleId :

TP-5

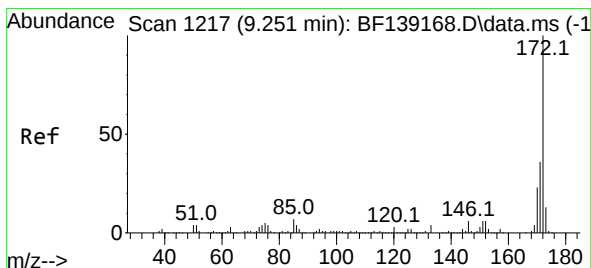
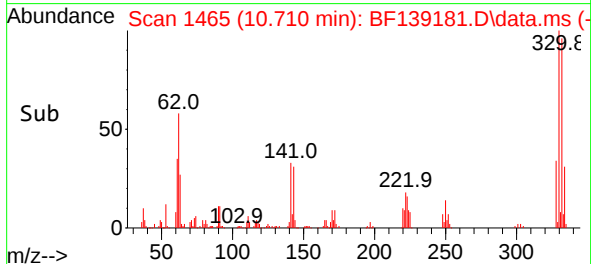
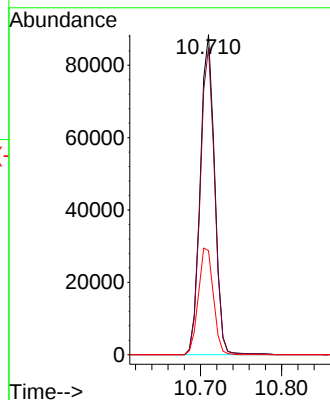
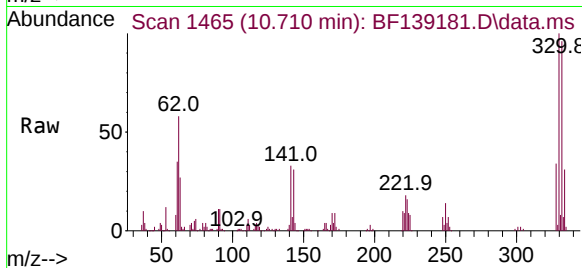
Tgt Ion:330 Resp: 108849

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 34.7 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 48.869 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139181.D

Acq: 27 Aug 2024 12:16

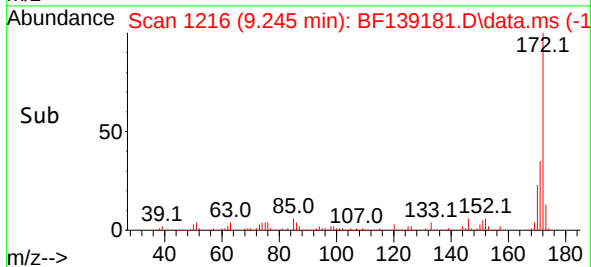
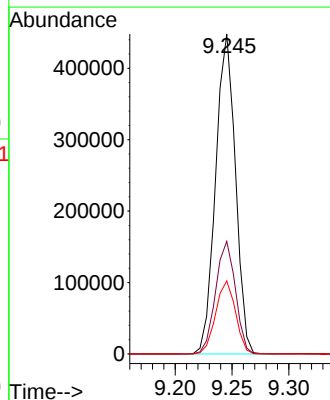
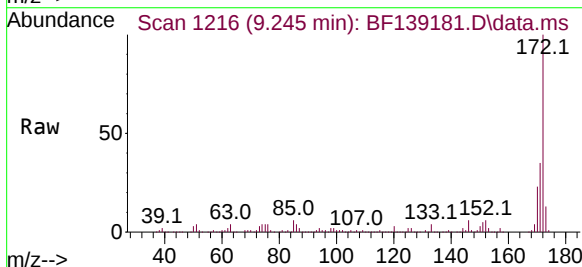
Tgt Ion:172 Resp: 544040

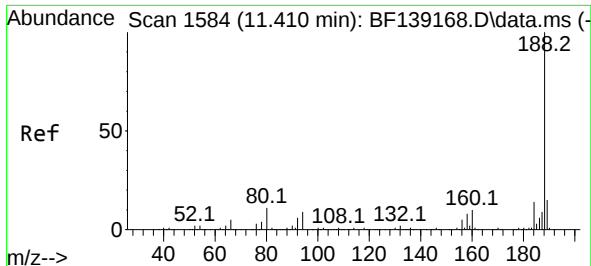
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 22.9 18.8 28.2

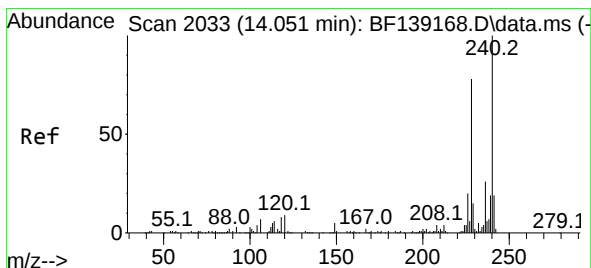
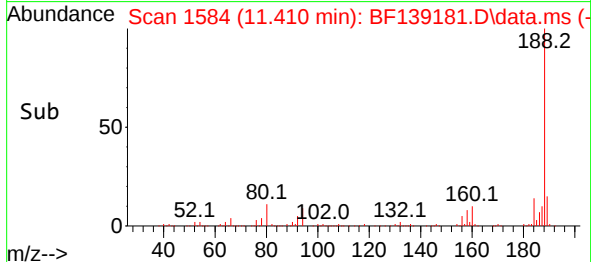
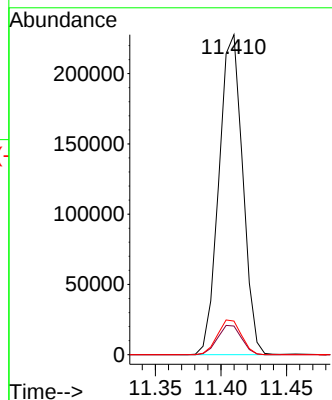
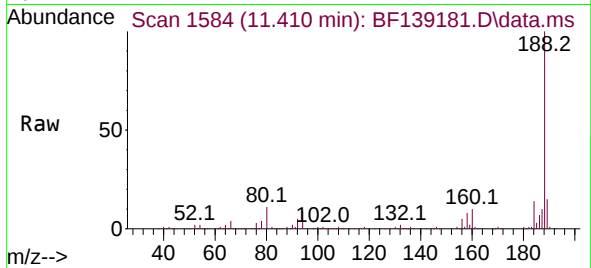




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

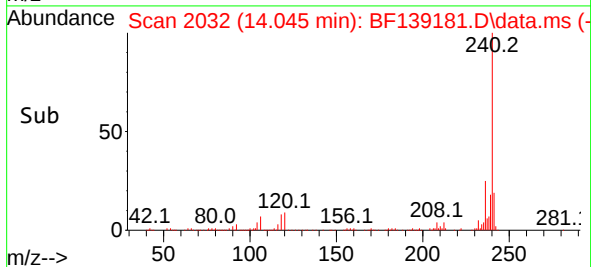
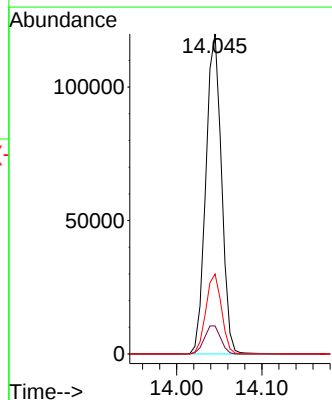
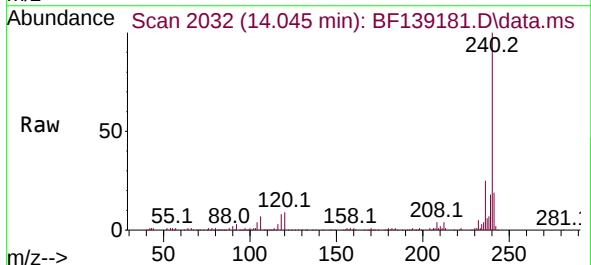
Instrument :
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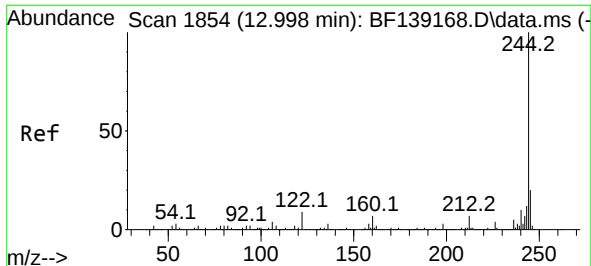
Tgt Ion:188 Resp: 286738
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

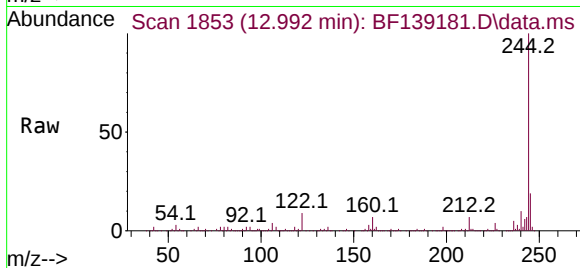
Tgt Ion:240 Resp: 153057
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 25.0 20.9 31.3



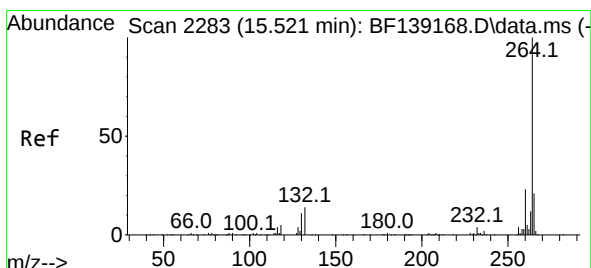
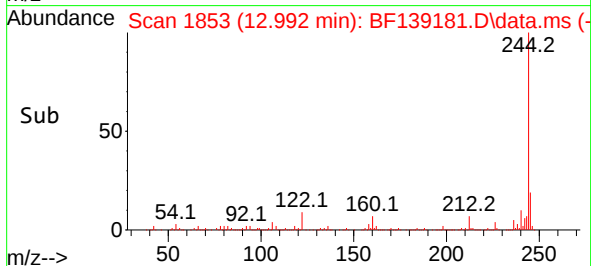
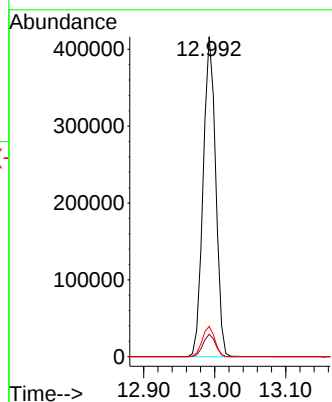


#79
Terphenyl-d14
Concen: 52.239 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

Instrument :
BNA_F
ClientSampleId :
TP-5



Tgt Ion:244 Resp: 512429
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.4 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF139181.D
Acq: 27 Aug 2024 12:16

Tgt Ion:264 Resp: 174253
Ion Ratio Lower Upper
264 100
260 23.6 18.3 27.5
265 21.3 17.0 25.6

