

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF139991.D
Acq On : 24 Oct 2024 10:23
Operator : RC/JU
Sample : PB164312BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164312BL

Quant Time: Oct 24 11:02:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	147139	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	571542	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	324595	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	586249	20.000	ng	0.00
76) Chrysene-d12	14.051	240	355232	20.000	ng	0.00
86) Perylene-d12	15.527	264	286763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1228240	130.679	ng	0.02
7) Phenol-d6	6.510	99	1528051	125.527	ng	0.00
23) Nitrobenzene-d5	7.451	82	994841	96.472	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	478528	157.610	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1832630	93.310	ng	0.00
79) Terphenyl-d14	12.998	244	2024925	92.885	ng	0.00

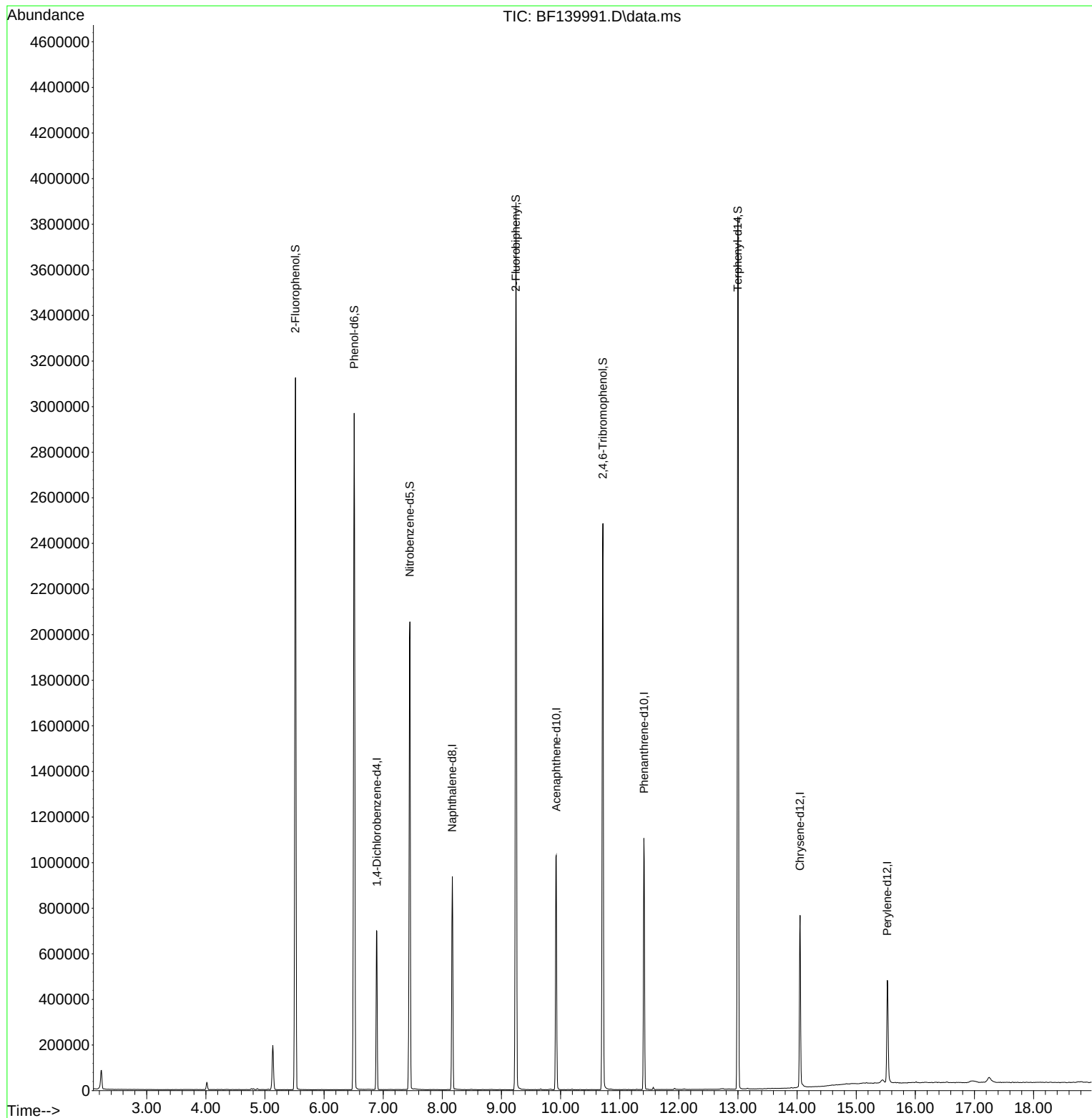
Target Compounds	Qvalue

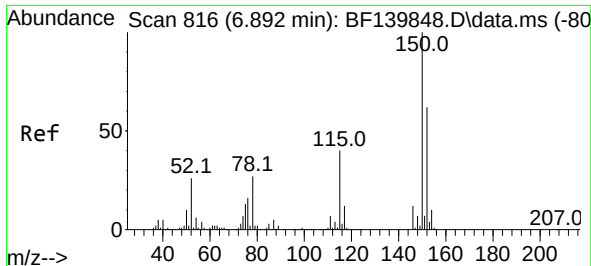
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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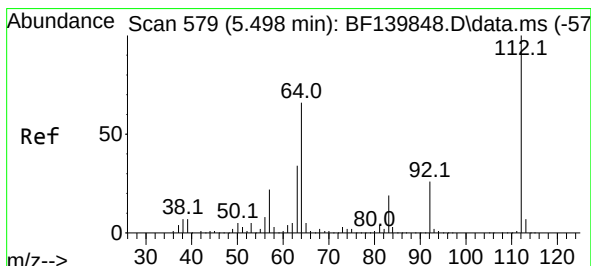
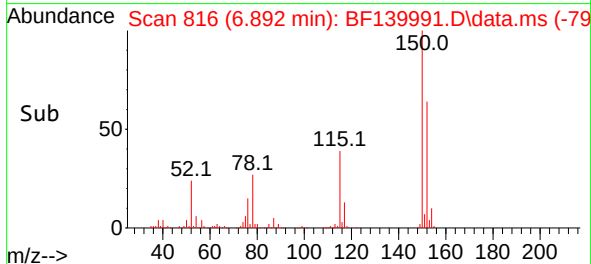
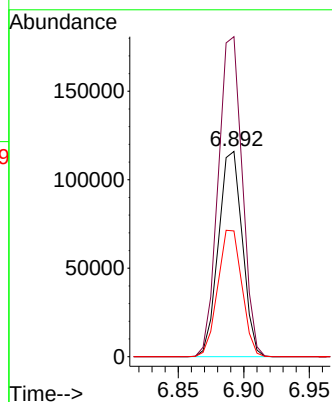
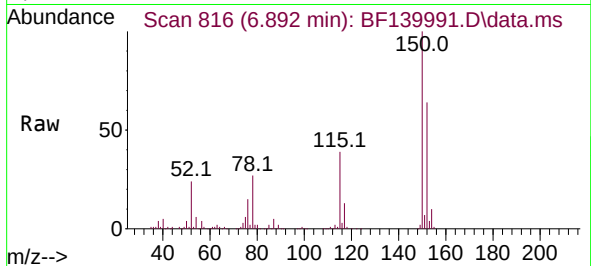




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

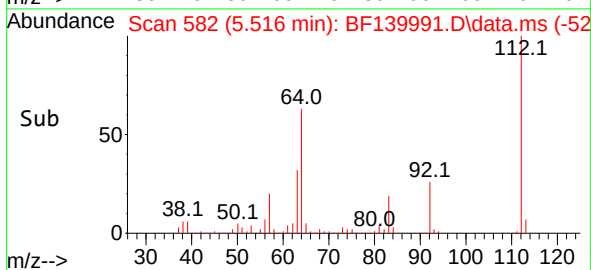
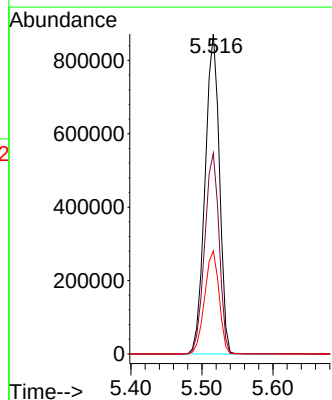
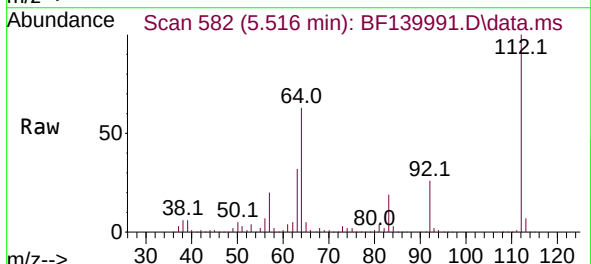
Instrument :
BNA_F
ClientSampleId :
PB164312BL

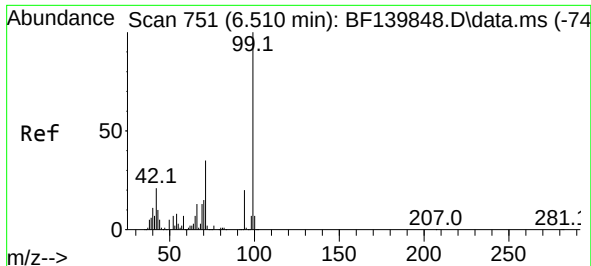
Tgt Ion:152 Resp: 147139
Ion Ratio Lower Upper
152 100
150 155.8 130.2 195.2
115 61.2 51.4 77.2



#5
2-Fluorophenol
Concen: 130.679 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

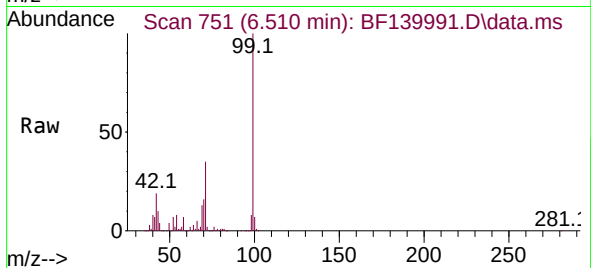
Tgt Ion:112 Resp: 1228240
Ion Ratio Lower Upper
112 100
64 62.8 53.0 79.6
63 32.2 27.0 40.4





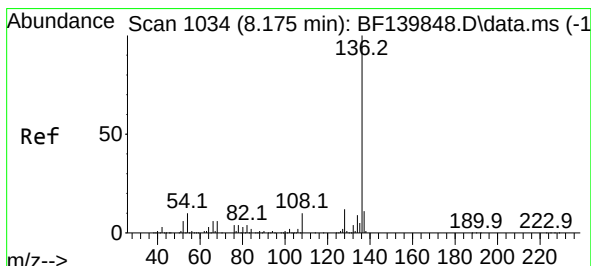
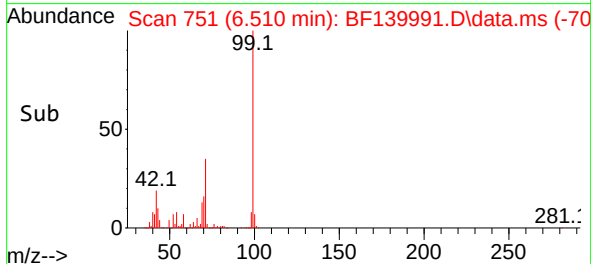
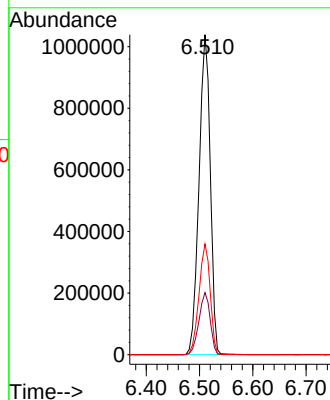
#7
Phenol-d6
Concen: 125.527 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

Instrument :
BNA_F
ClientSampleId :
PB164312BL



Tgt Ion: 99 Resp: 1528051

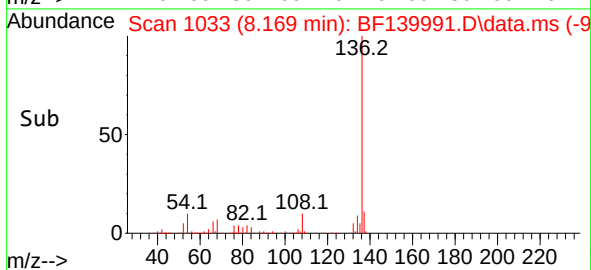
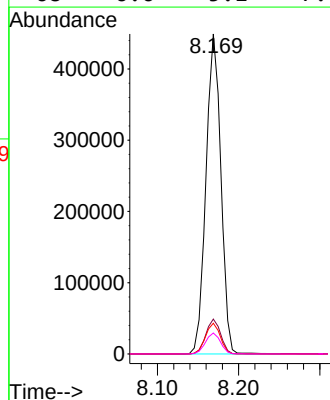
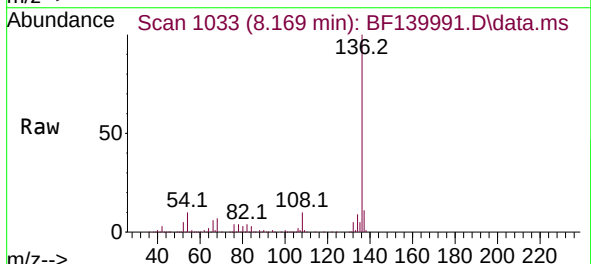
Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.7	25.1
71	34.6	27.7	41.5

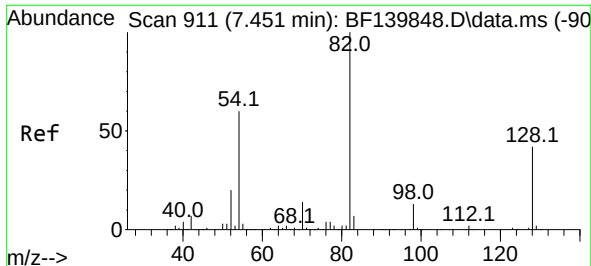


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

Tgt Ion: 136 Resp: 571542

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.6	8.4	12.6
68	6.6	5.1	7.7

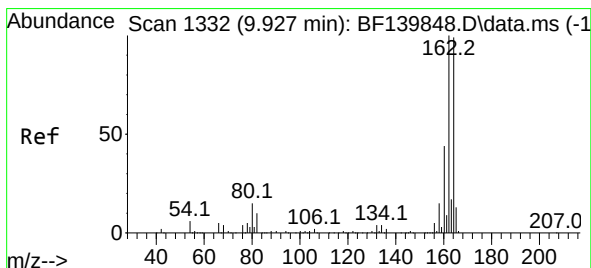
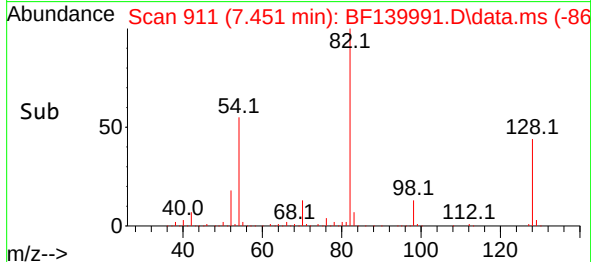
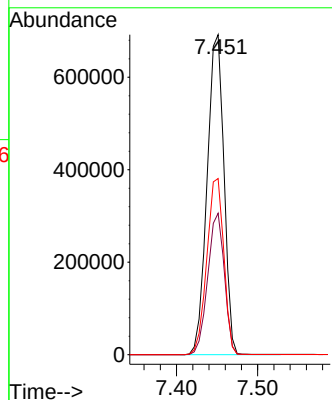
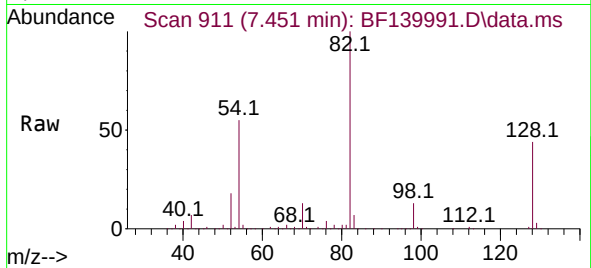




#23
Nitrobenzene-d5
Concen: 96.472 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

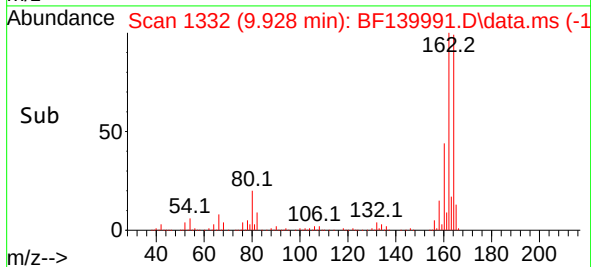
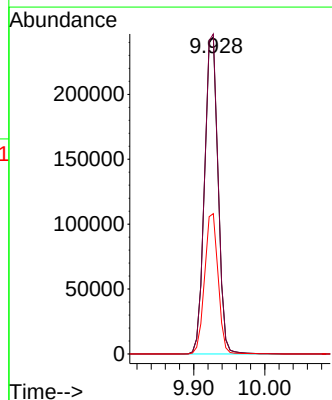
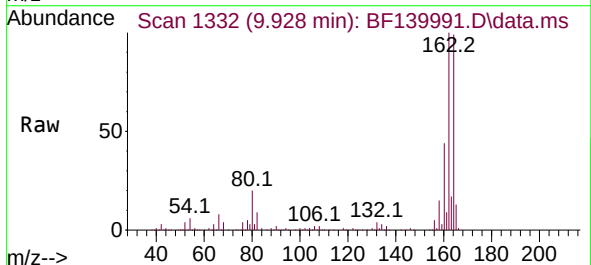
Instrument :
BNA_F
ClientSampleId :
PB164312BL

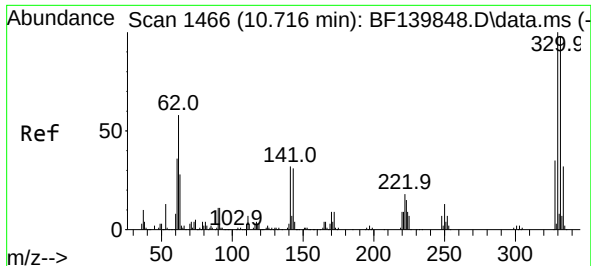
Tgt Ion: 82 Resp: 994841
Ion Ratio Lower Upper
82 100
128 44.2 33.4 50.0
54 55.1 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

Tgt Ion:164 Resp: 324595
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 157.610 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139991.D

Acq: 24 Oct 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB164312BL

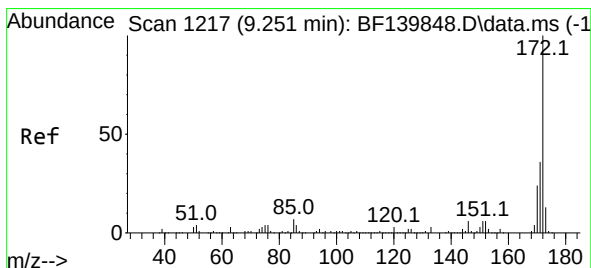
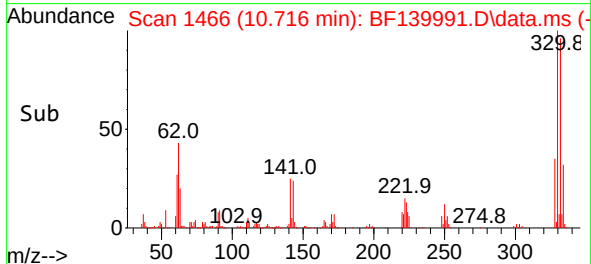
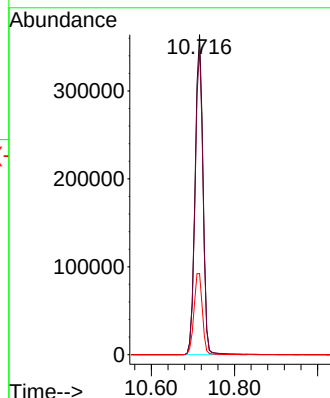
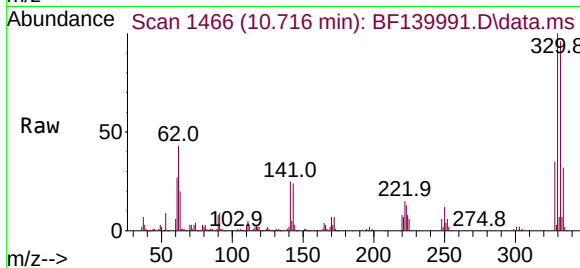
Tgt Ion:330 Resp: 478528

Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

141 27.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 93.310 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139991.D

Acq: 24 Oct 2024 10:23

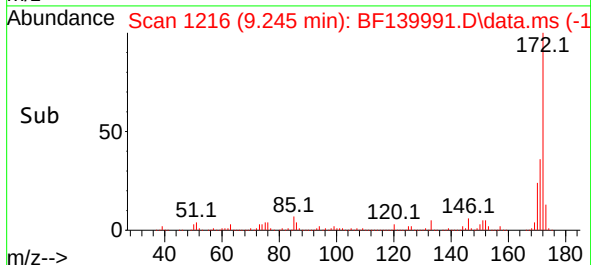
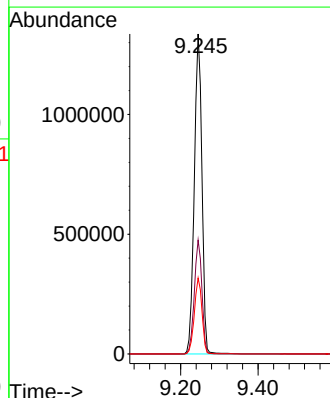
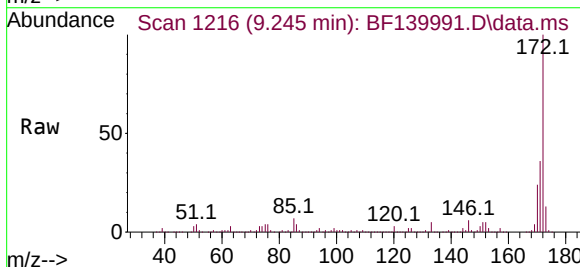
Tgt Ion:172 Resp: 1832630

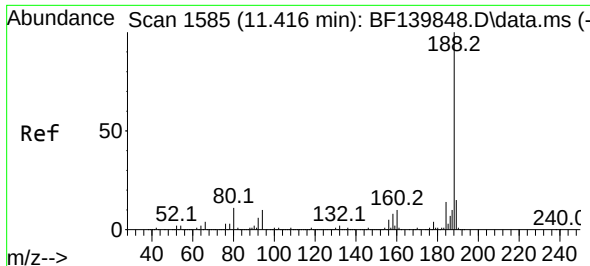
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.8 19.1 28.7

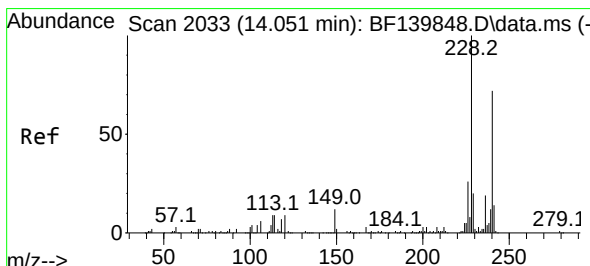
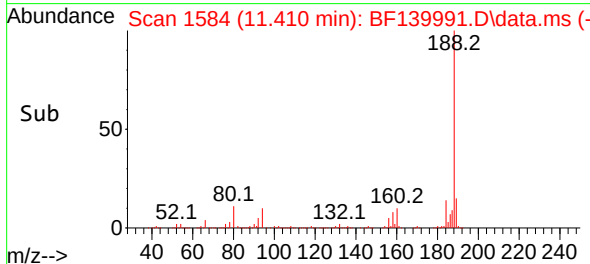
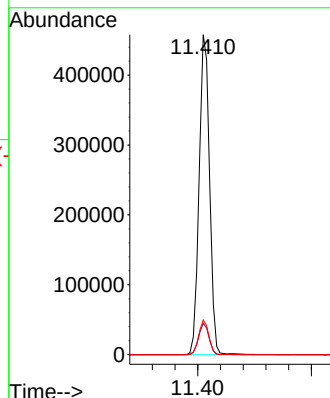
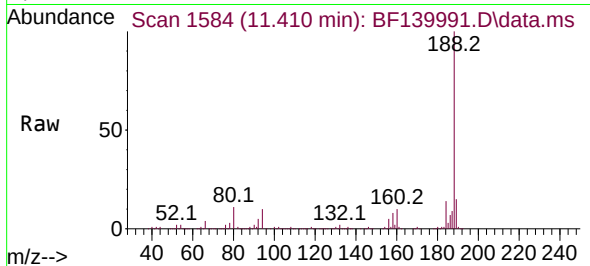




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

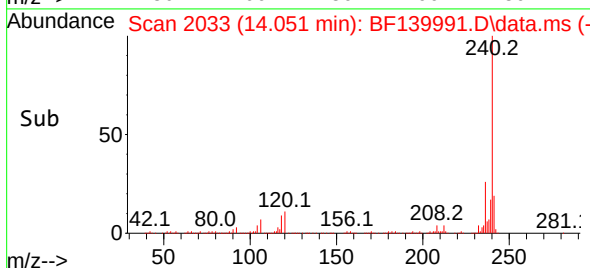
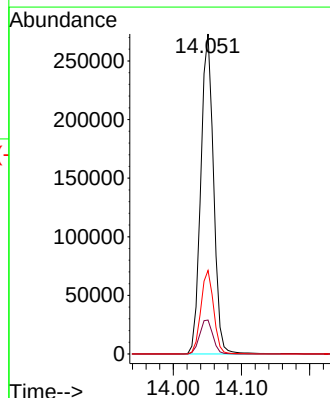
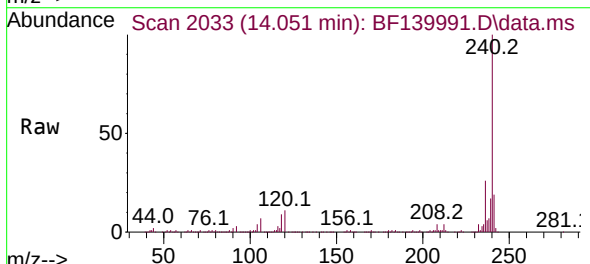
Instrument :
BNA_F
ClientSampleId :
PB164312BL

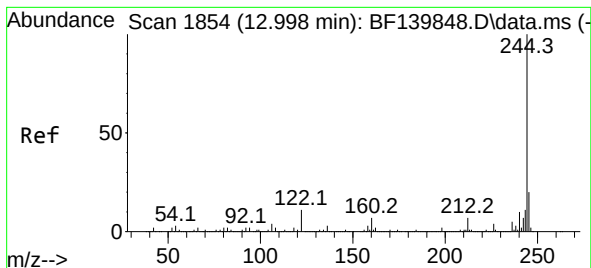
Tgt Ion:188 Resp: 586249
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139991.D
Acq: 24 Oct 2024 10:23

Tgt Ion:240 Resp: 355232
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 92.885 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139991.D

Acq: 24 Oct 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB164312BL

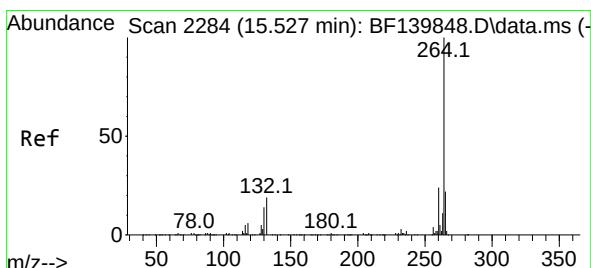
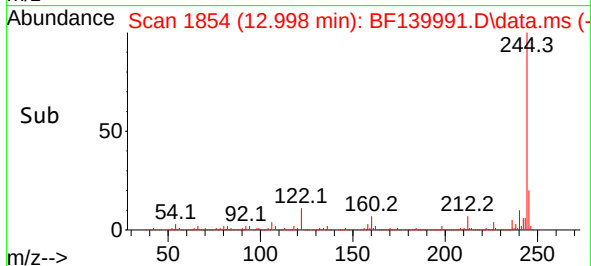
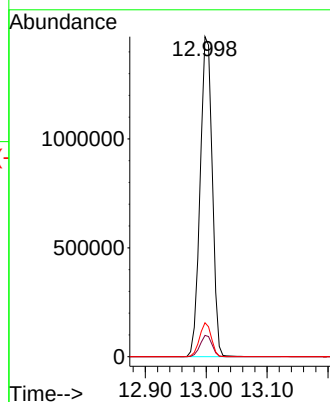
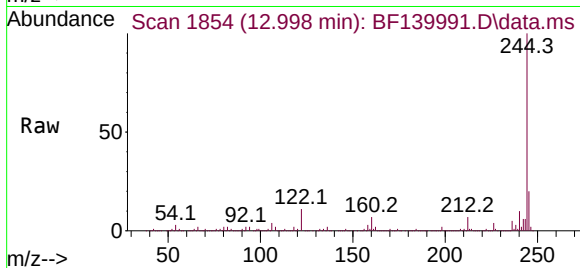
Tgt Ion:244 Resp: 2024925

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 10.6 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139991.D

Acq: 24 Oct 2024 10:23

Tgt Ion:264 Resp: 286763

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.3 17.4 26.0

