

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139881.D
 Acq On : 19 Oct 2024 19:42
 Operator : RC/JU
 Sample : P4426-29
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-15

Quant Time: Oct 21 01:43:33 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	6.887	152	195168	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	723646	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	347098	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	428172	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	361459	20.000	ng	0.00
86) Perylene-d12	15.527	264	381877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	109717	8.801	ng	0.00
7) Phenol-d6	6.493	99	325594	20.165	ng	-0.02
23) Nitrobenzene-d5	7.446	82	472291	36.172	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	18970	5.843	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1010748	48.126	ng	0.00
79) Terphenyl-d14	13.004	244	761581	34.333	ng	0.00

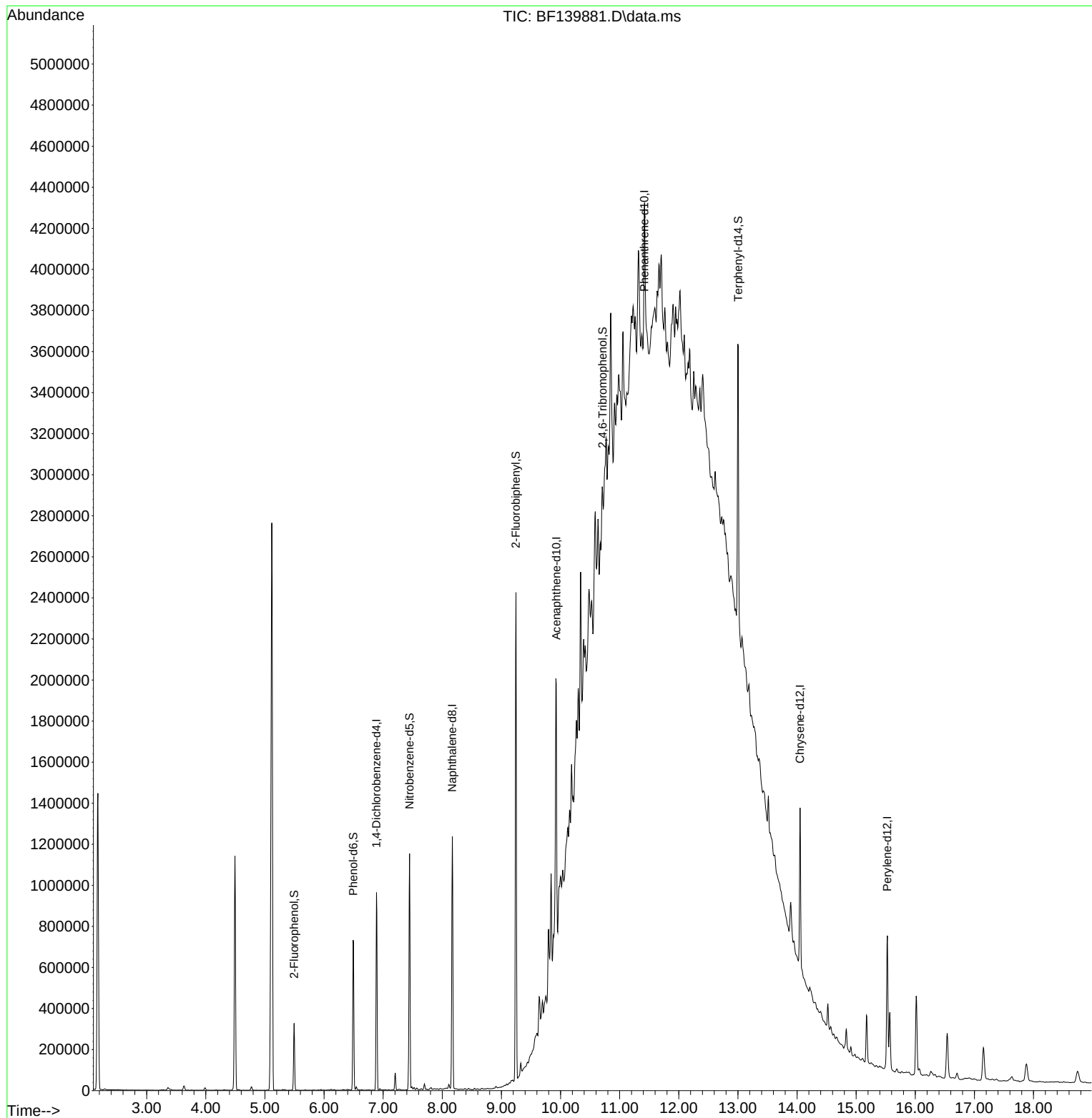
Target Compounds	Qvalue

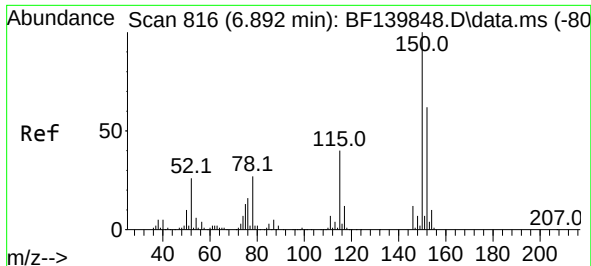
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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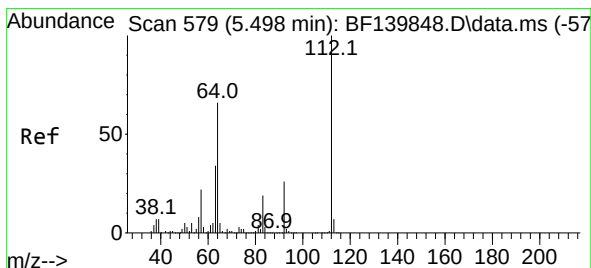
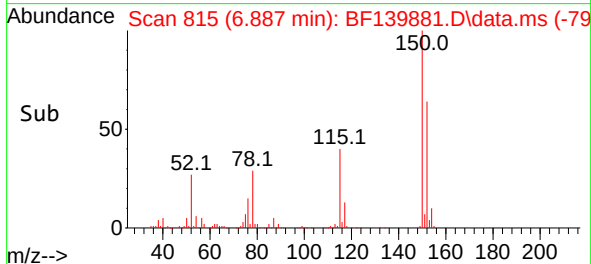
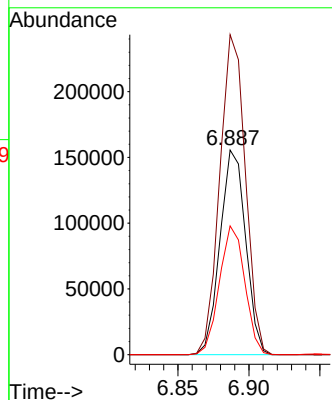
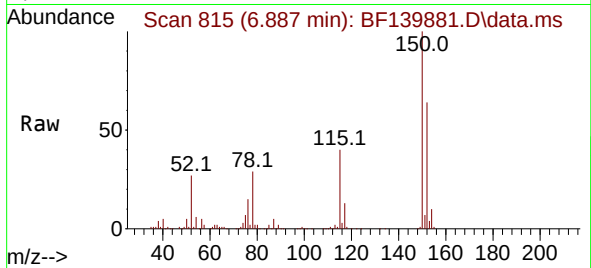




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

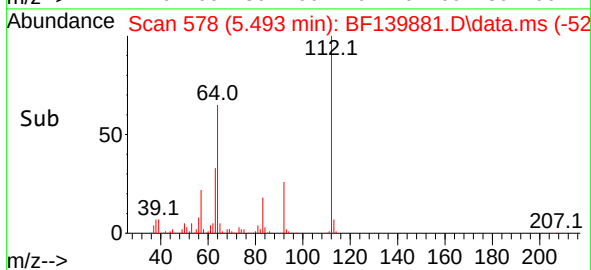
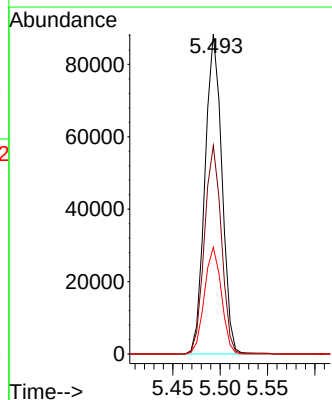
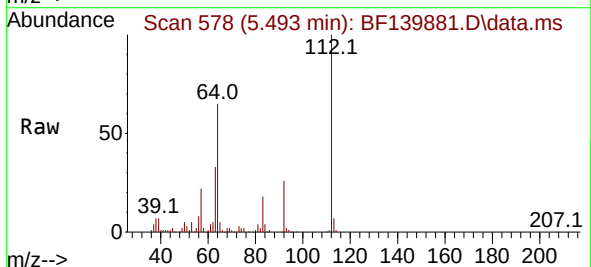
Instrument :
BNA_F
ClientSampleId :
PAD-15

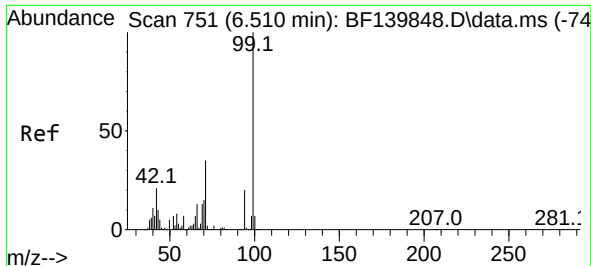
Tgt Ion:152 Resp: 195168
Ion Ratio Lower Upper
152 100
150 156.4 130.2 195.2
115 62.9 51.4 77.2



#5
2-Fluorophenol
Concen: 8.801 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

Tgt Ion:112 Resp: 109717
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 33.4 27.0 40.4

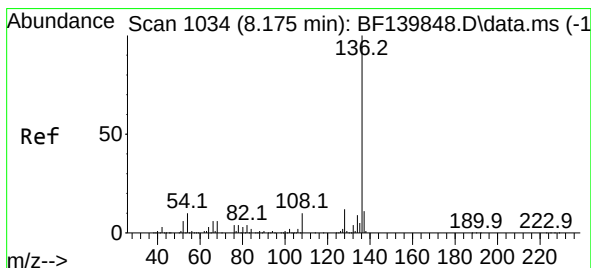
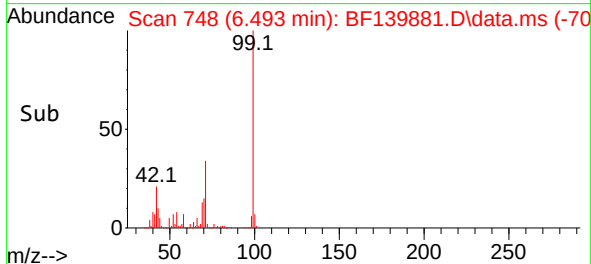
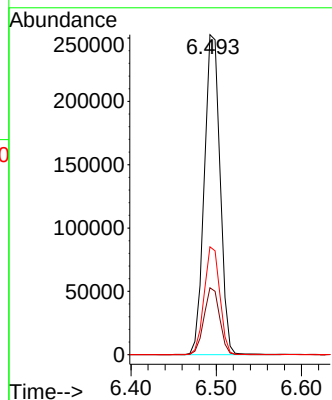
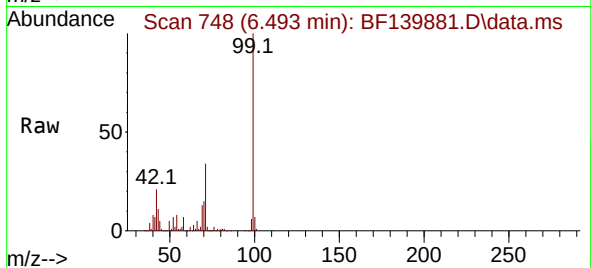




#7
Phenol-d6
Concen: 20.165 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

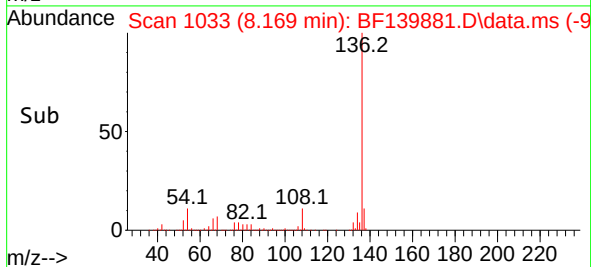
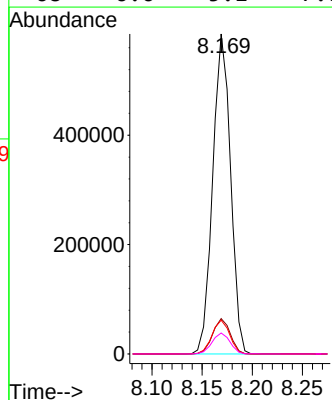
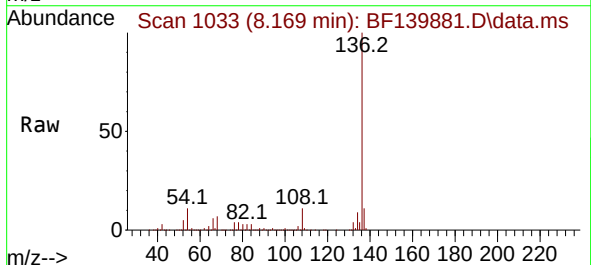
Instrument :
BNA_F
ClientSampleId :
PAD-15

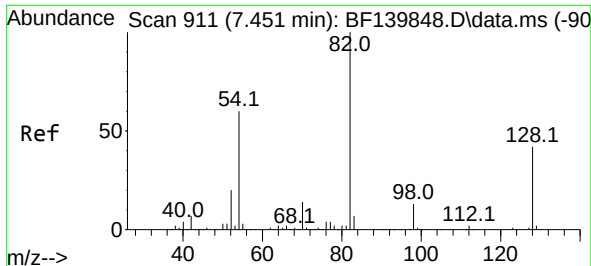
Tgt Ion: 99 Resp: 325594
Ion Ratio Lower Upper
99 100
42 20.9 16.7 25.1
71 33.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

Tgt Ion: 136 Resp: 723646
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.6 8.4 12.6
68 6.6 5.1 7.7

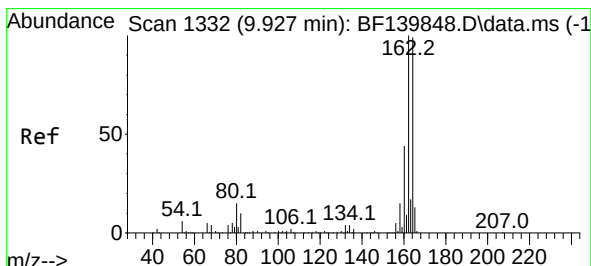
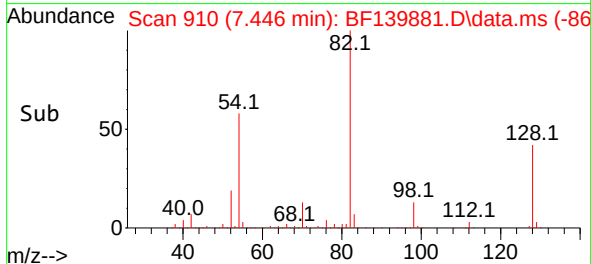
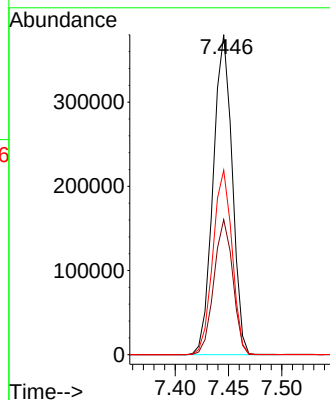
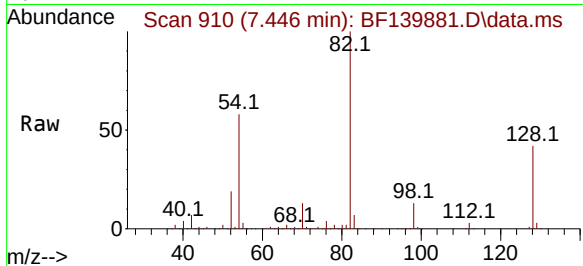




#23
Nitrobenzene-d5
Concen: 36.172 ng
RT: 7.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

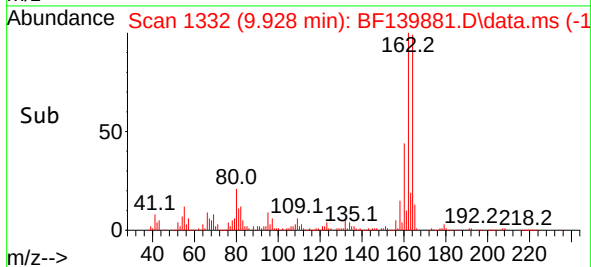
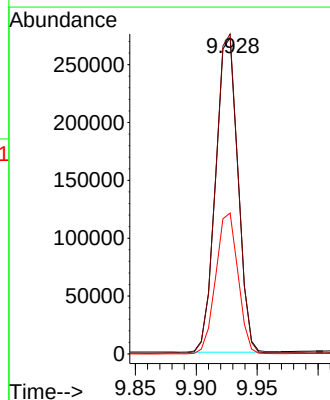
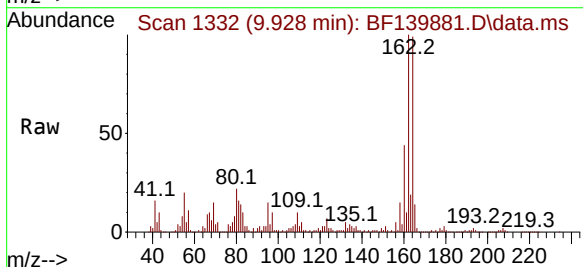
Instrument :
BNA_F
ClientSampleId :
PAD-15

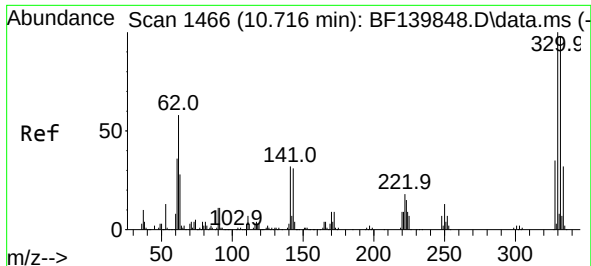
Tgt Ion: 82 Resp: 472291
Ion Ratio Lower Upper
82 100
128 42.2 33.4 50.0
54 57.6 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

Tgt Ion:164 Resp: 347098
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 5.843 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139881.D

Acq: 19 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

PAD-15

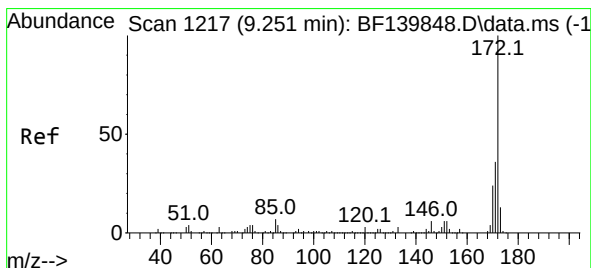
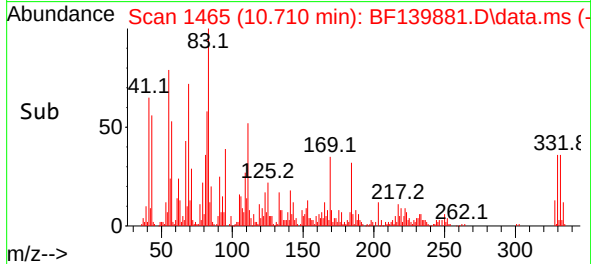
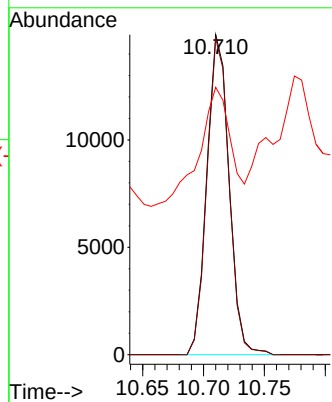
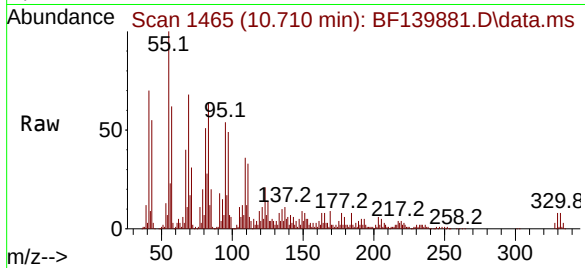
Tgt Ion:330 Resp: 18970

Ion Ratio Lower Upper

330 100

332 98.0 78.1 117.1

141 49.8 26.6 39.8#



#45

2-Fluorobiphenyl

Concen: 48.126 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139881.D

Acq: 19 Oct 2024 19:42

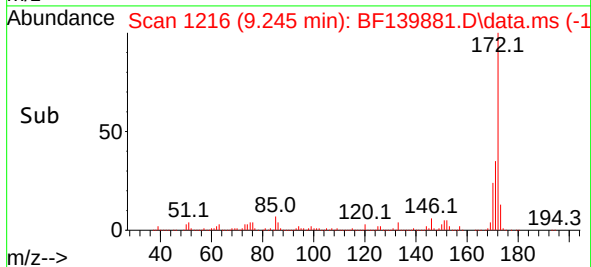
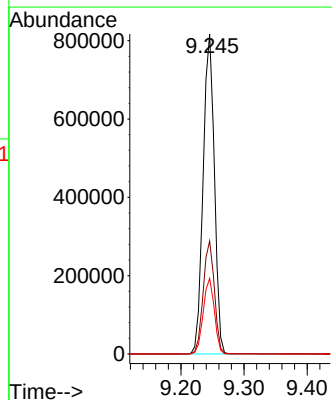
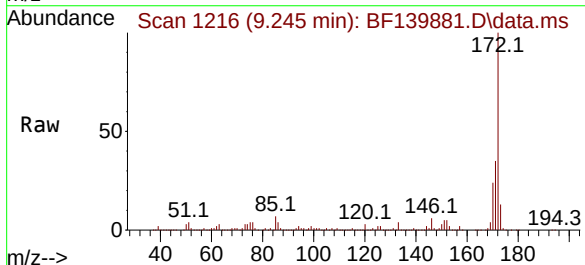
Tgt Ion:172 Resp: 1010748

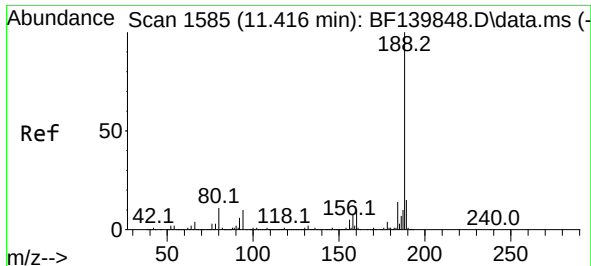
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.6 19.1 28.7

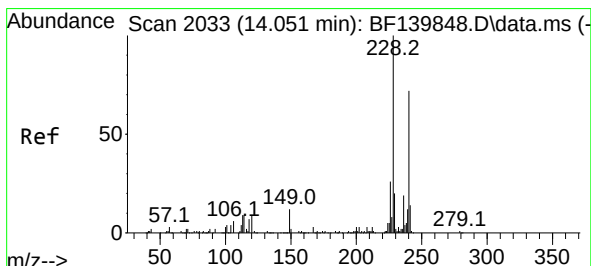
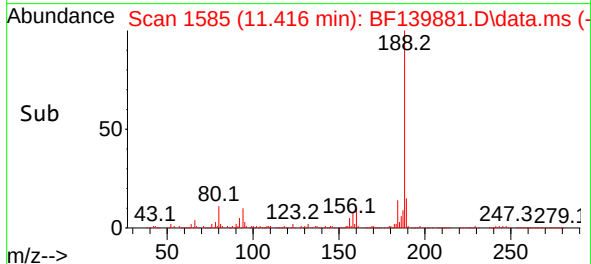
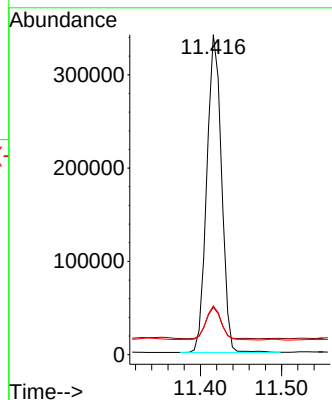
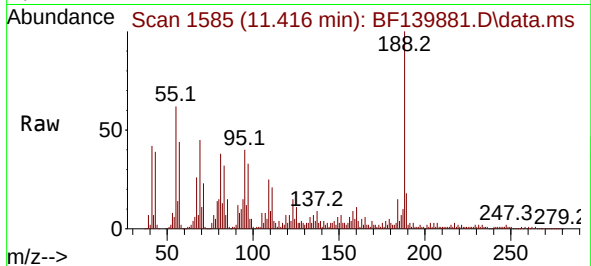




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

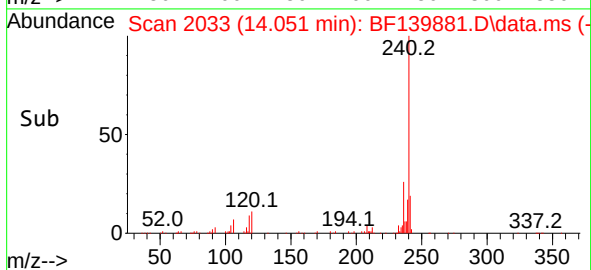
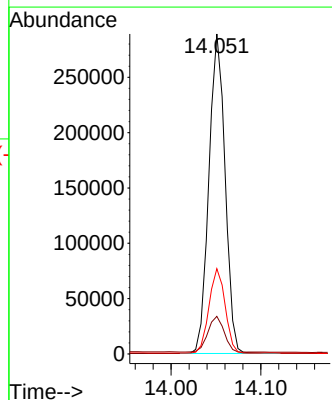
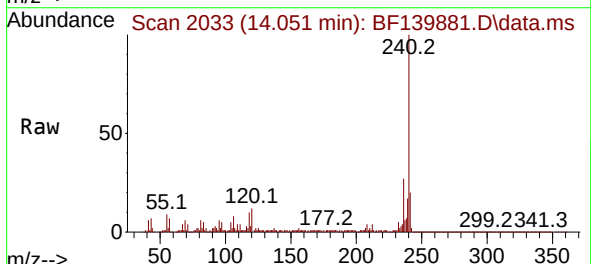
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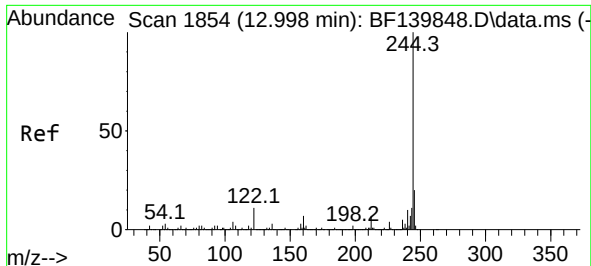
Tgt Ion:188 Resp: 428172
Ion Ratio Lower Upper
188 100
94 14.8 7.9 11.9#
80 15.3 9.0 13.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139881.D
Acq: 19 Oct 2024 19:42

Tgt Ion:240 Resp: 361459
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 26.6 20.9 31.3

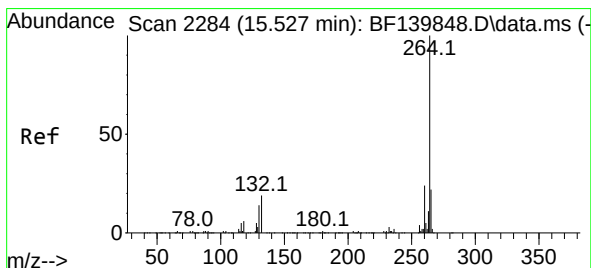
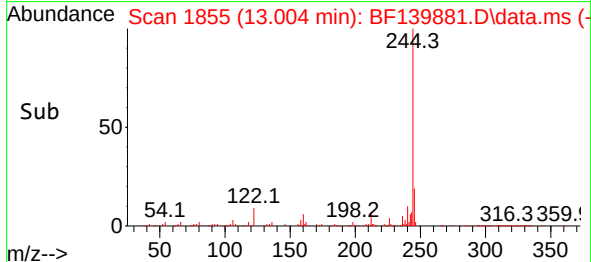
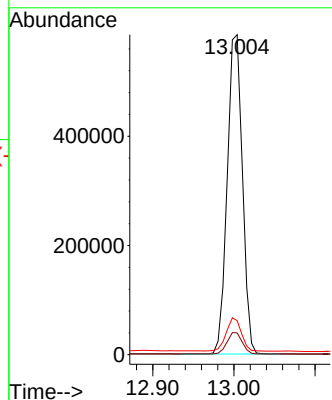
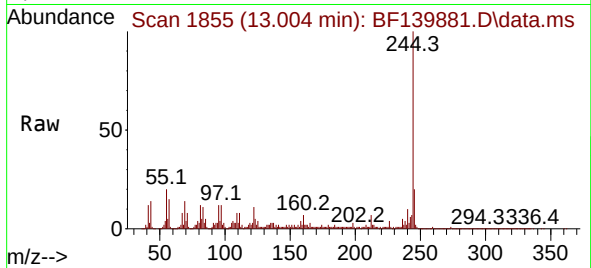




#79
 Terphenyl-d14
 Concen: 34.333 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF139881.D
 Acq: 19 Oct 2024 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PAD-15

Tgt Ion:244 Resp: 761581
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.7 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: BF139881.D
 Acq: 19 Oct 2024 19:42

Tgt Ion:264 Resp: 381877
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.8 17.4 26.0

