

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139962.D
 Acq On : 23 Oct 2024 14:04
 Operator : RC/JU
 Sample : PB164286BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164286BL

Quant Time: Oct 23 14:28:47 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	146341	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	564292	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	320476	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	596529	20.000	ng	0.00
76) Chrysene-d12	14.051	240	356991	20.000	ng	0.00
86) Perylene-d12	15.527	264	312503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1257004	134.468	ng	0.02
7) Phenol-d6	6.510	99	1582027	130.669	ng	0.00
23) Nitrobenzene-d5	7.445	82	1012283	99.424	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	468968	156.446	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1837259	94.748	ng	0.00
79) Terphenyl-d14	12.998	244	2156843	98.449	ng	0.00

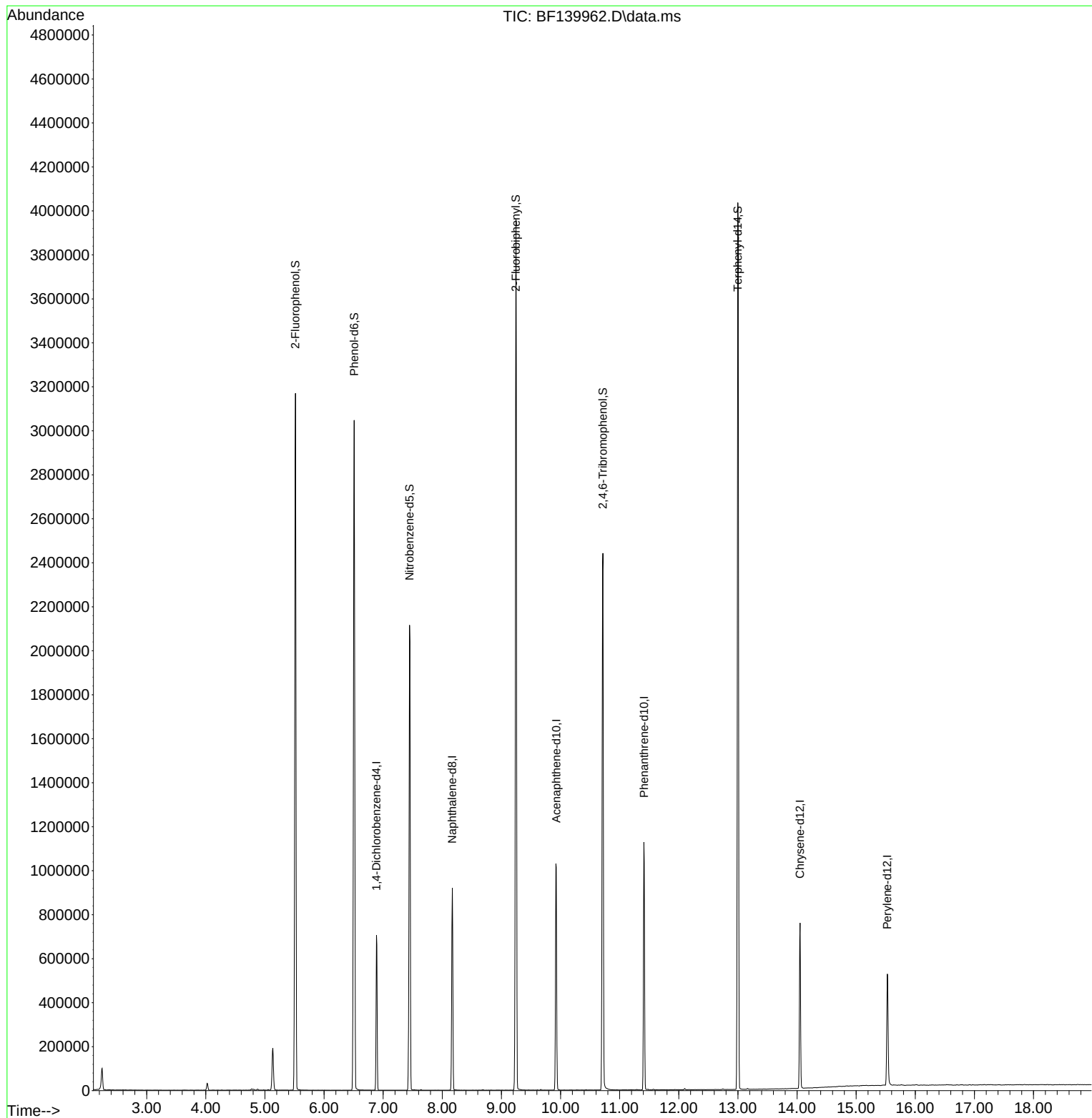
Target Compounds	Qvalue

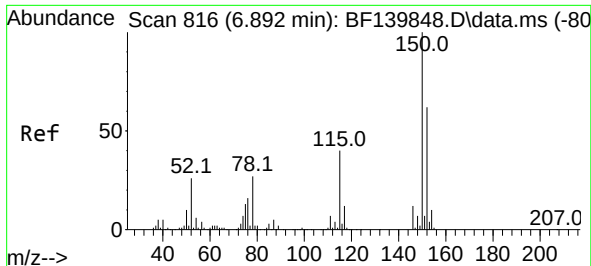
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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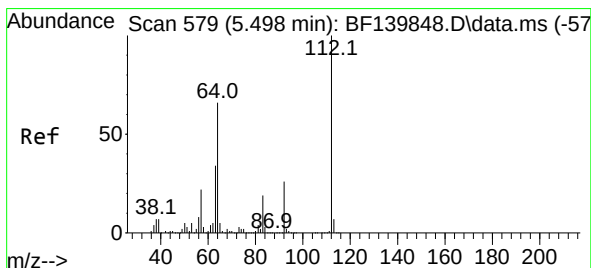
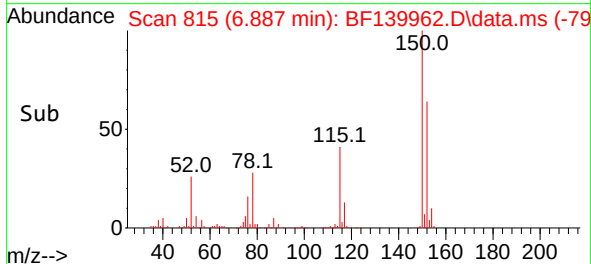
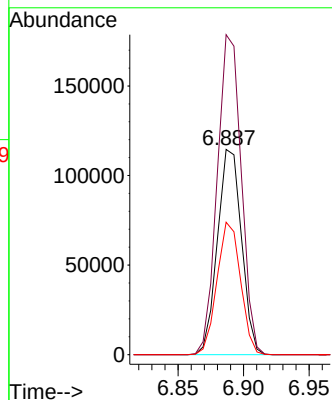
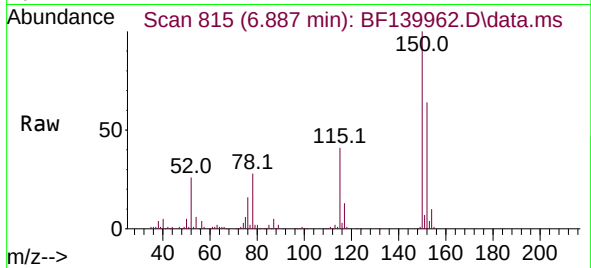




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139962.D
Acq: 23 Oct 2024 14:04

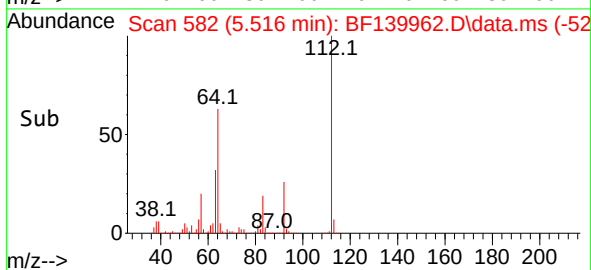
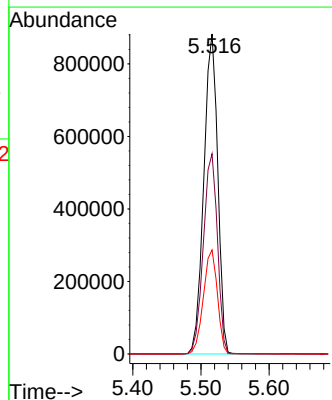
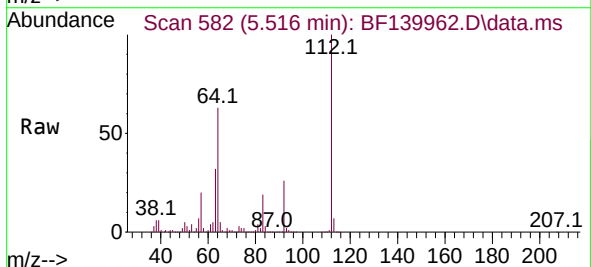
Instrument :
BNA_F
ClientSampleId :
PB164286BL

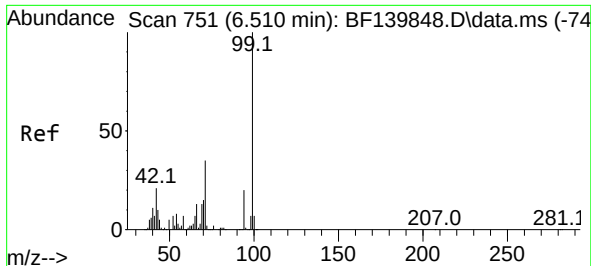
Tgt Ion:152 Resp: 146341
Ion Ratio Lower Upper
152 100
150 155.9 130.2 195.2
115 64.5 51.4 77.2



#5
2-Fluorophenol
Concen: 134.468 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139962.D
Acq: 23 Oct 2024 14:04

Tgt Ion:112 Resp: 1257004
Ion Ratio Lower Upper
112 100
64 62.6 53.0 79.6
63 32.5 27.0 40.4

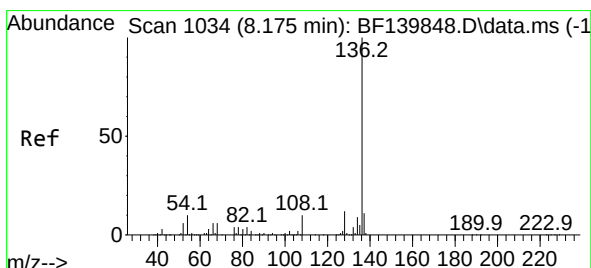
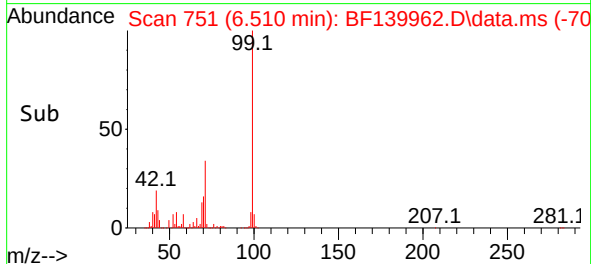
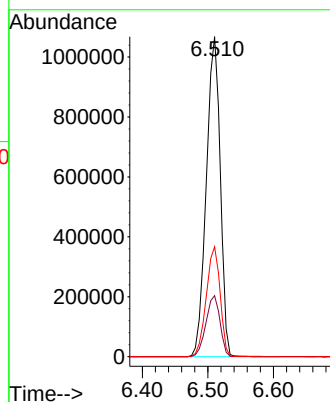
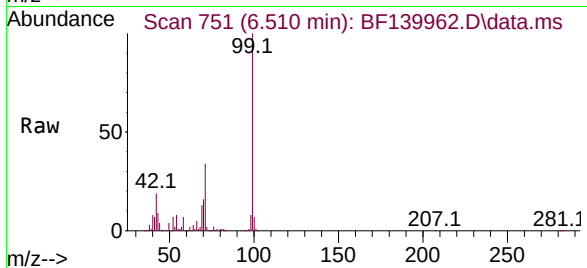




#7
Phenol-d6
Concen: 130.669 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139962.D
Acq: 23 Oct 2024 14:04

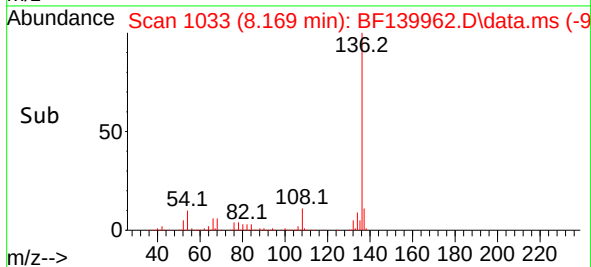
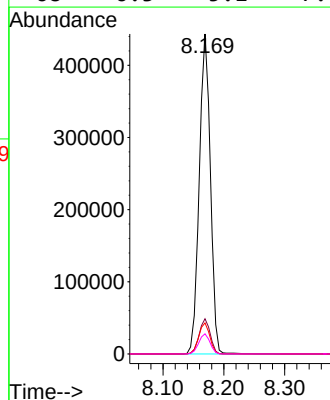
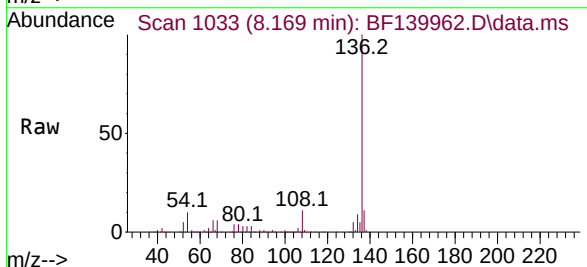
Instrument :
BNA_F
ClientSampleId :
PB164286BL

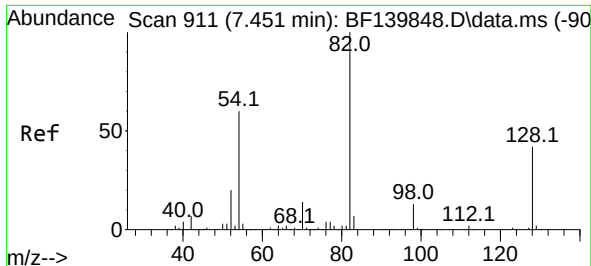
Tgt Ion: 99 Resp: 1582027
Ion Ratio Lower Upper
99 100
42 19.0 16.7 25.1
71 34.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139962.D
Acq: 23 Oct 2024 14:04

Tgt Ion: 136 Resp: 564292
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.7 8.4 12.6
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 99.424 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139962.D

Acq: 23 Oct 2024 14:04

Instrument :

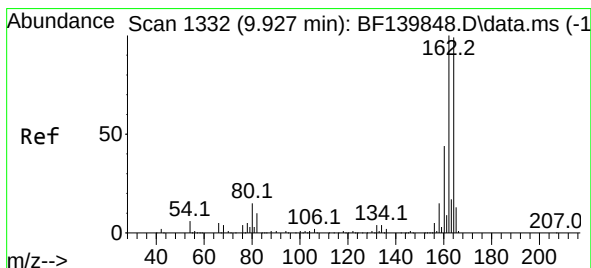
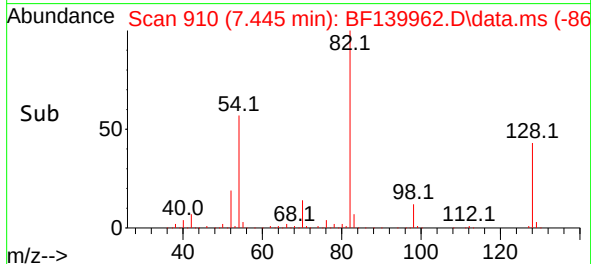
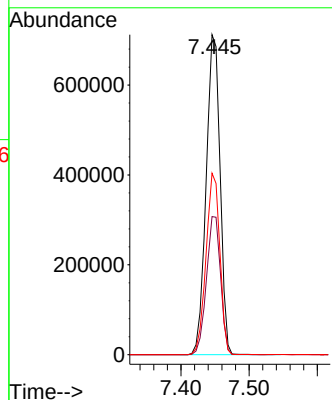
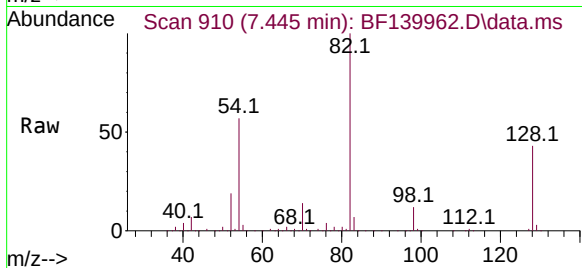
BNA_F

ClientSampleId :

PB164286BL

Tgt Ion: 82 Resp: 1012283

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.0
54	56.7	47.8	71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

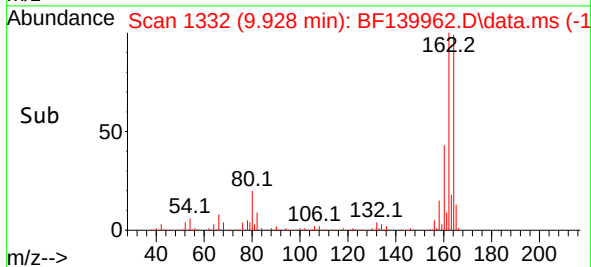
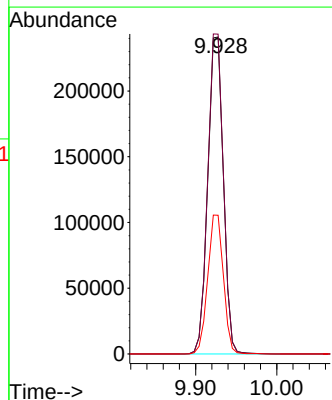
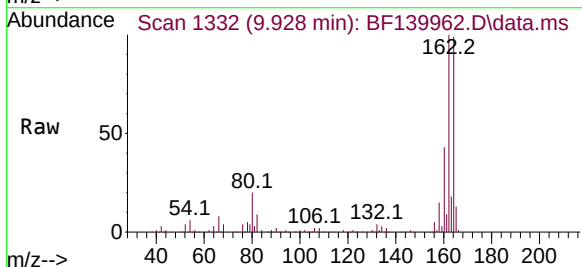
Delta R.T. 0.001 min

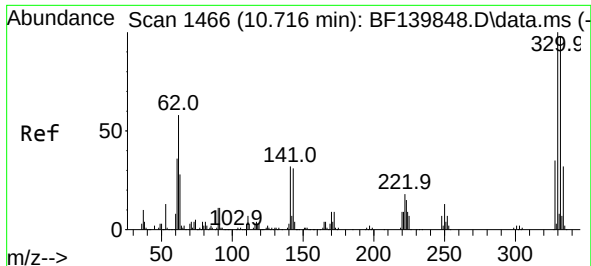
Lab File: BF139962.D

Acq: 23 Oct 2024 14:04

Tgt Ion:164 Resp: 320476

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.0	121.4
160	43.8	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 156.446 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139962.D

Acq: 23 Oct 2024 14:04

Instrument :

BNA_F

ClientSampleId :

PB164286BL

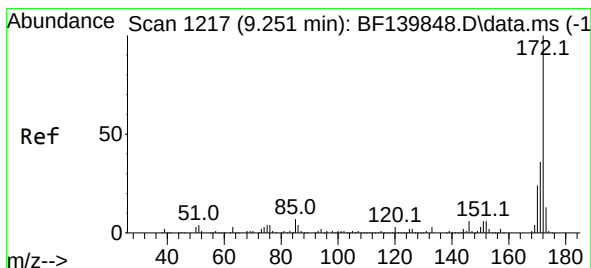
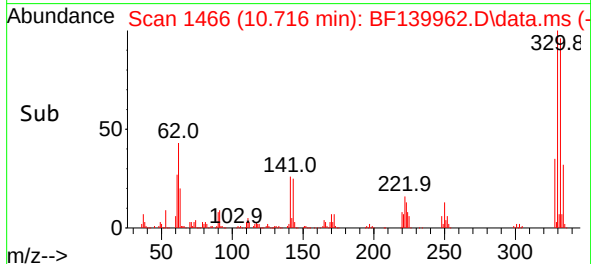
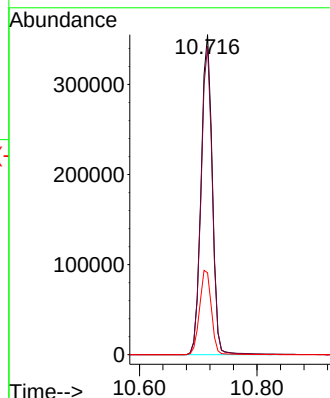
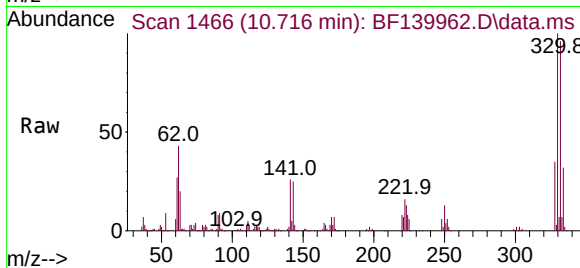
Tgt Ion:330 Resp: 468968

Ion Ratio Lower Upper

330 100

332 96.6 78.1 117.1

141 27.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 94.748 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139962.D

Acq: 23 Oct 2024 14:04

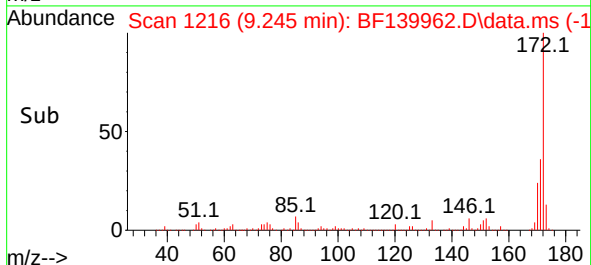
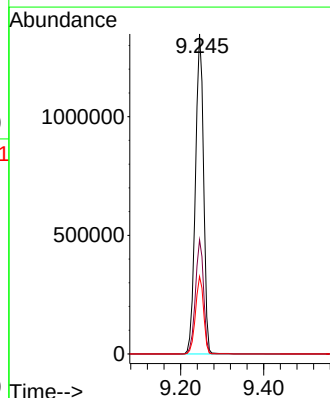
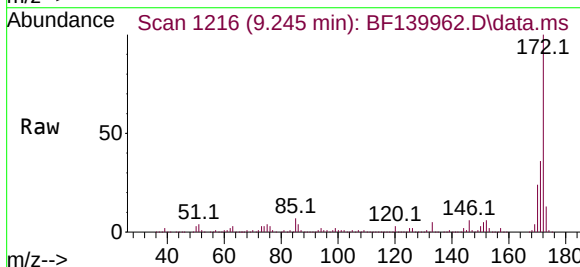
Tgt Ion:172 Resp: 1837259

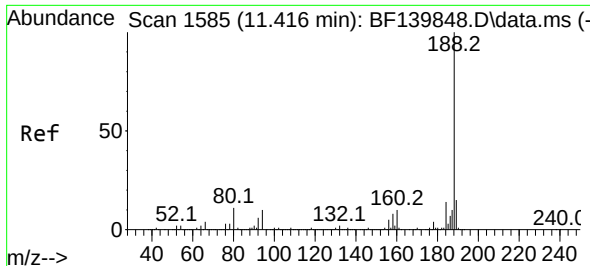
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 24.2 19.1 28.7

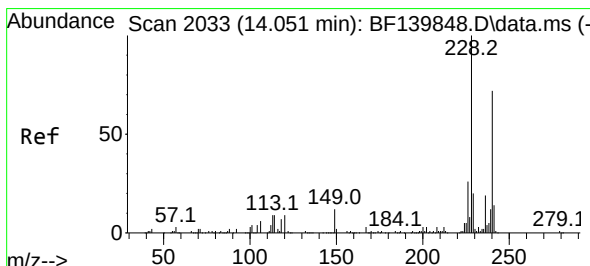
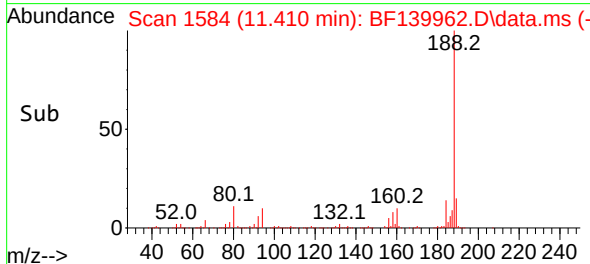
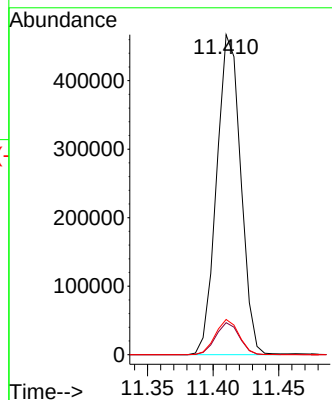
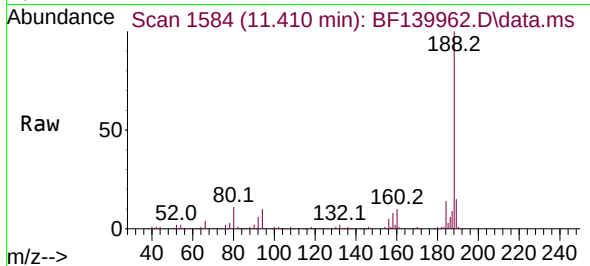




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139962.D
Acq: 23 Oct 2024 14:04

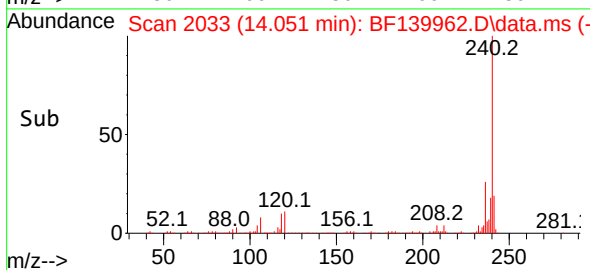
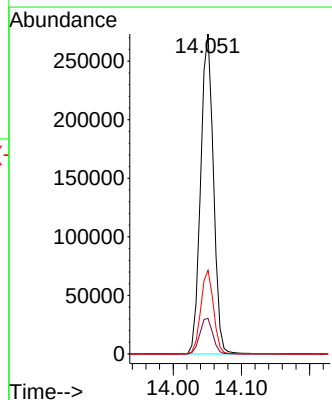
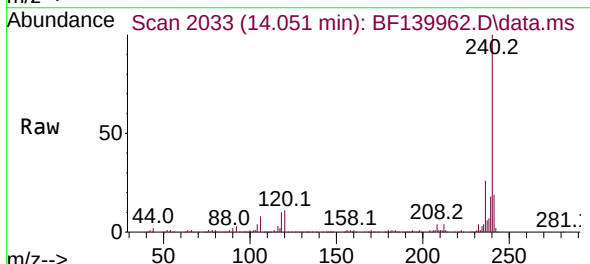
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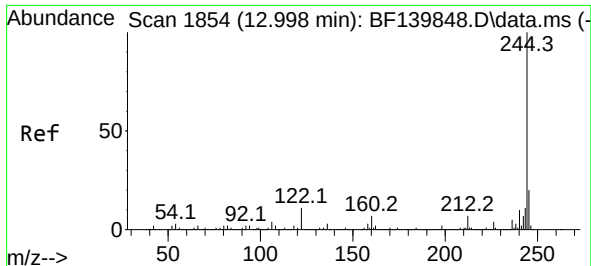
Tgt Ion:188 Resp: 596529
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 11.0 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139962.D
Acq: 23 Oct 2024 14:04

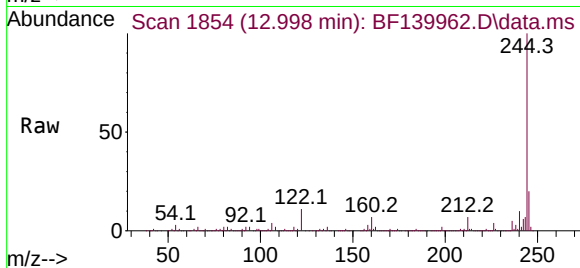
Tgt Ion:240 Resp: 356991
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 26.2 20.9 31.3





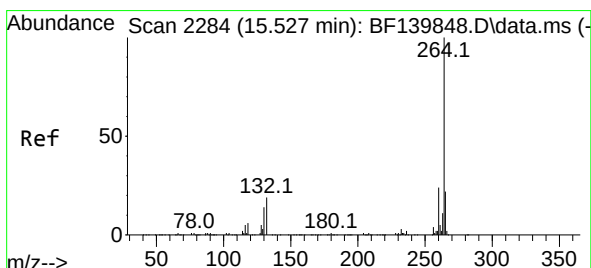
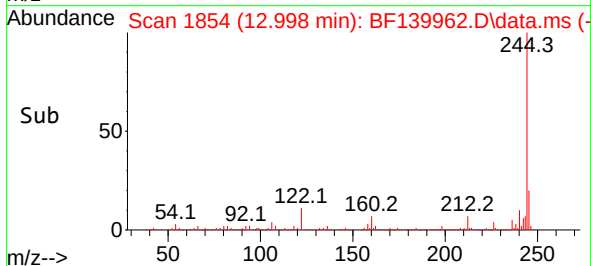
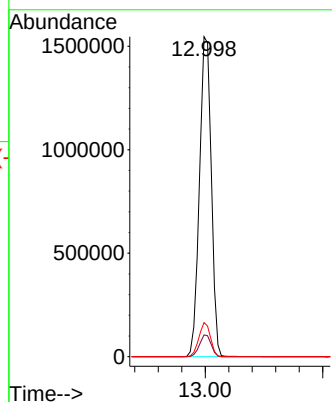
#79
 Terphenyl-d14
 Concen: 98.449 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139962.D
 Acq: 23 Oct 2024 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB164286BL



Tgt Ion:244 Resp: 2156843

Ion	Ratio	Lower	Upper
244	100		
212	6.8	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: BF139962.D
 Acq: 23 Oct 2024 14:04

Tgt Ion:264 Resp: 312503

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.3	17.4	26.0

