

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140134.D
 Acq On : 30 Oct 2024 02:04
 Operator : RC/JU
 Sample : PB164500BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164500BL

Quant Time: Oct 30 02:33:21 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	121260	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	475752	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	251906	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	379497	20.000	ng	0.00
76) Chrysene-d12	14.051	240	263688	20.000	ng	0.00
86) Perylene-d12	15.533	264	209364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	901026	116.324	ng	0.02
7) Phenol-d6	6.510	99	1122629	111.904	ng	0.00
23) Nitrobenzene-d5	7.445	82	767904	89.458	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204090	86.616	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1361590	89.331	ng	0.00
79) Terphenyl-d14	12.998	244	1150074	71.070	ng	0.00

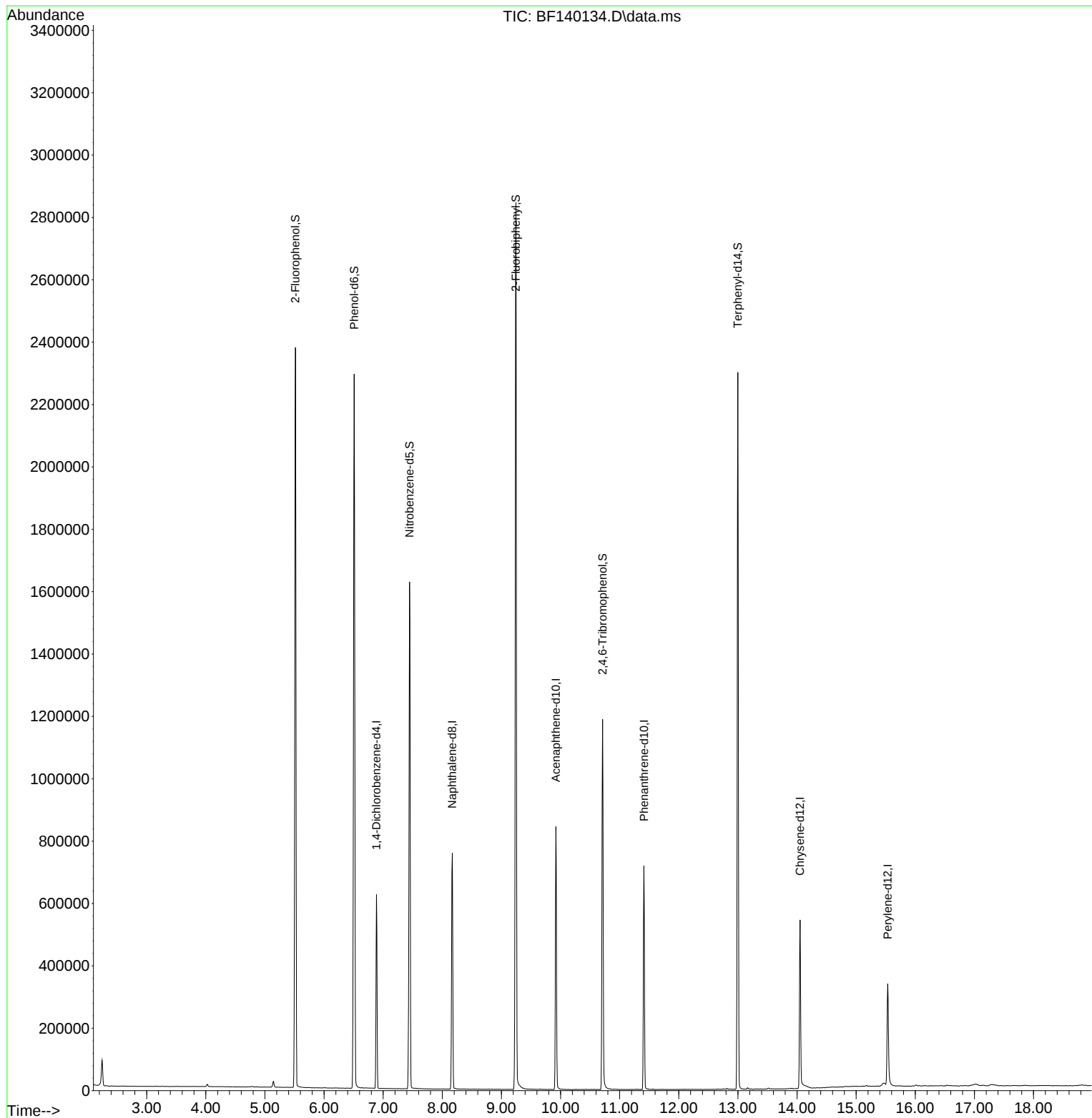
Target Compounds	Qvalue

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

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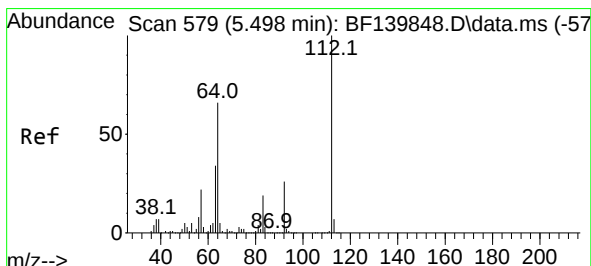
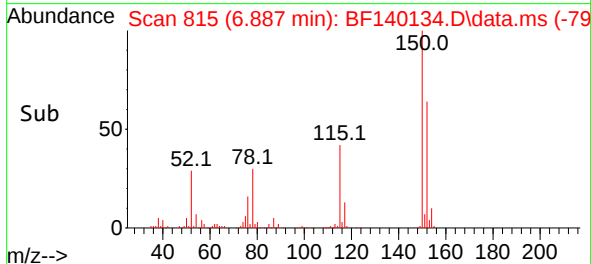
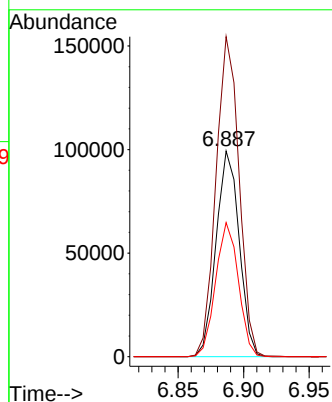
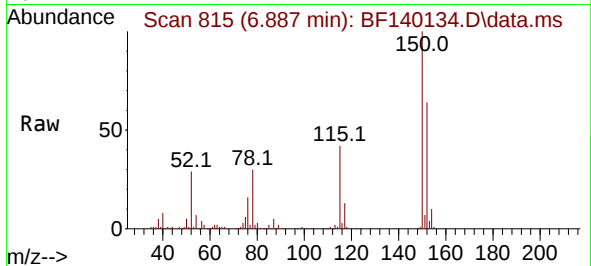




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

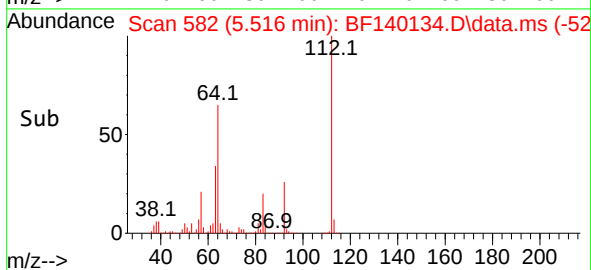
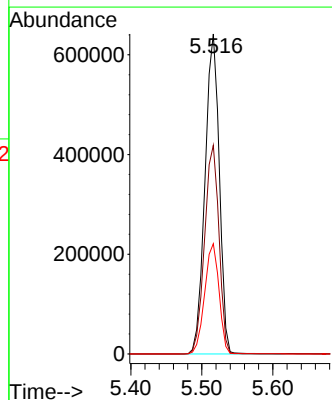
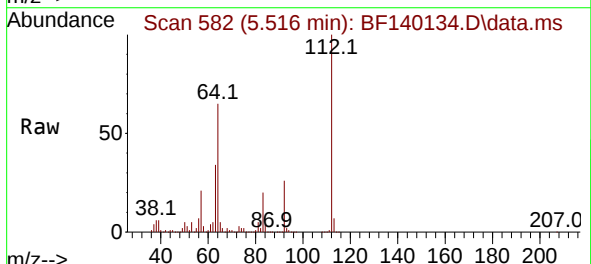
Instrument :
BNA_F
ClientSampleId :
PB164500BL

Tgt Ion:152 Resp: 121260
Ion Ratio Lower Upper
152 100
150 155.7 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 116.324 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

Tgt Ion:112 Resp: 901026
Ion Ratio Lower Upper
112 100
64 65.2 53.0 79.6
63 34.5 27.0 40.4



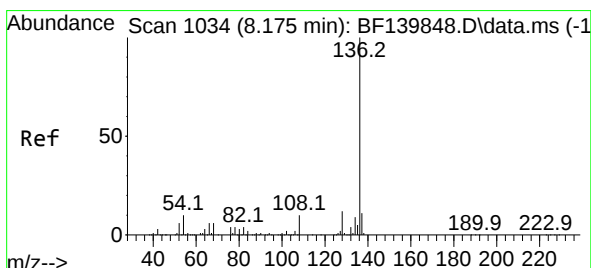
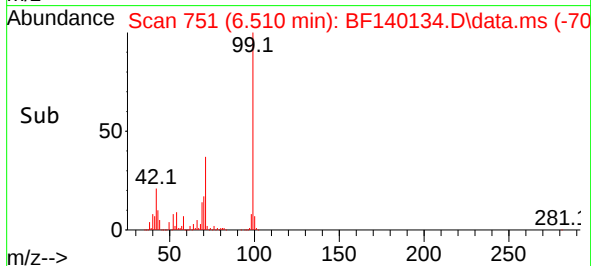
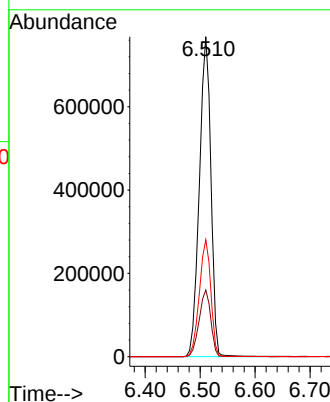
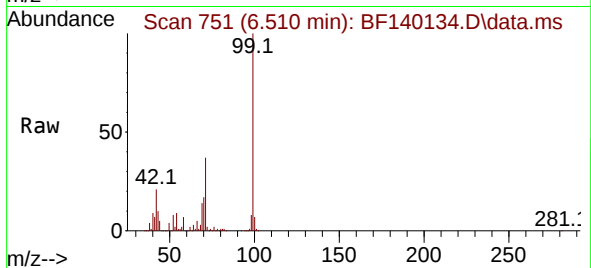


#7
Phenol-d6
Concen: 111.904 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

Instrument :
BNA_F
ClientSampleId :
PB164500BL

Tgt Ion: 99 Resp: 1122629

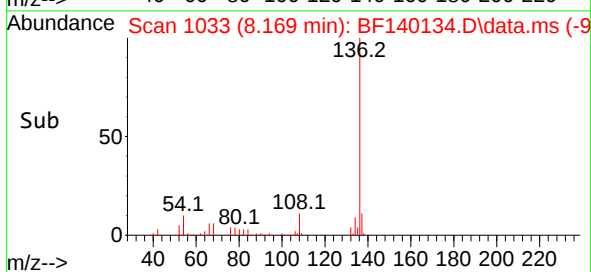
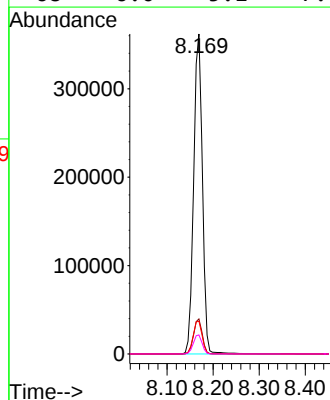
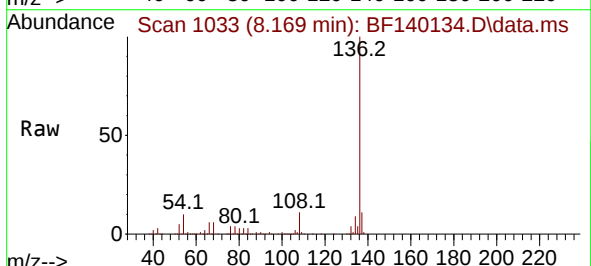
Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.7	25.1
71	36.5	27.7	41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

Tgt Ion: 136 Resp: 475752

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.3	8.4	12.6
68	6.0	5.1	7.7

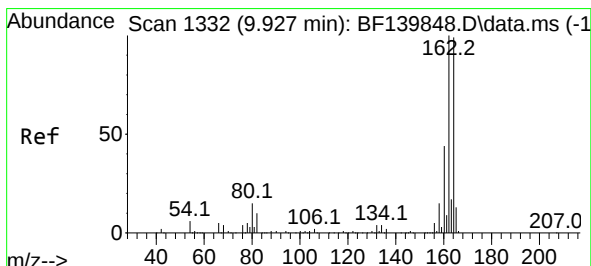
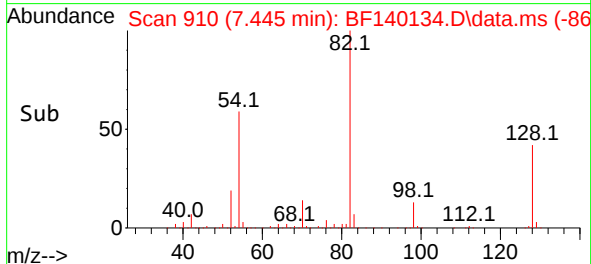
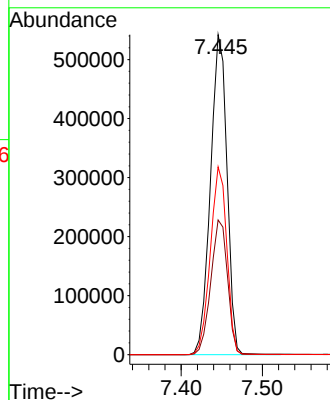
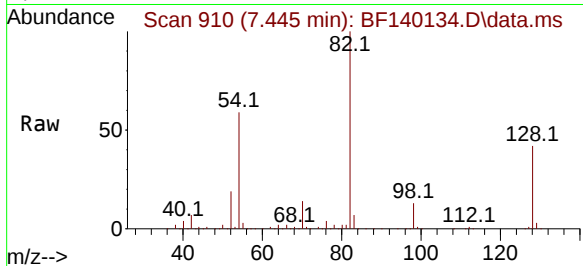




#23
 Nitrobenzene-d5
 Concen: 89.458 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140134.D
 Acq: 30 Oct 2024 02:04

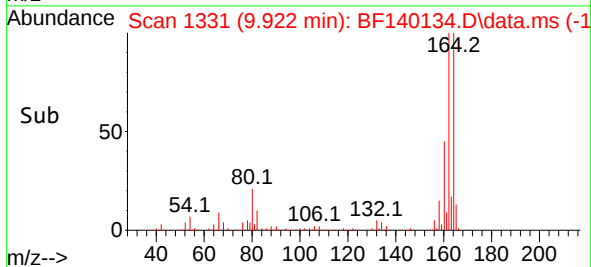
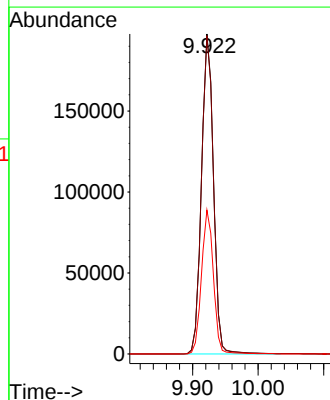
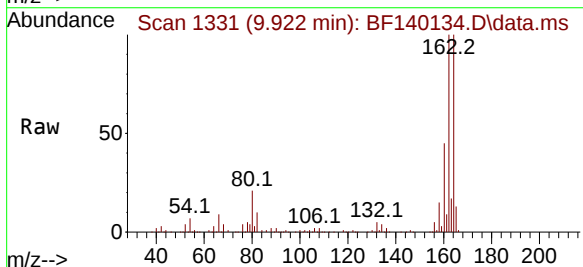
Instrument :
 BNA_F
 ClientSampleId :
 PB164500BL

Tgt Ion: 82 Resp: 767904
 Ion Ratio Lower Upper
 82 100
 128 42.1 33.4 50.0
 54 58.7 47.8 71.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.005 min
 Lab File: BF140134.D
 Acq: 30 Oct 2024 02:04

Tgt Ion: 164 Resp: 251906
 Ion Ratio Lower Upper
 164 100
 162 99.5 81.0 121.4
 160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 86.616 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140134.D

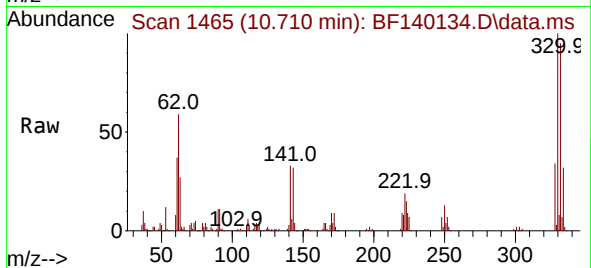
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Instrument :

BNA_F

ClientSampleId :

PB164500BL



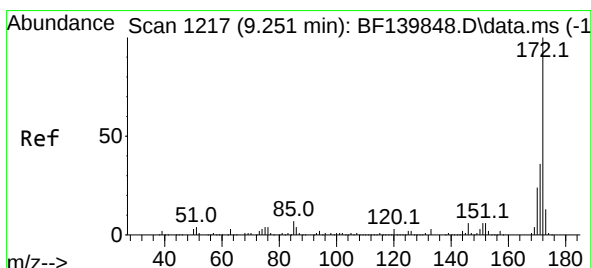
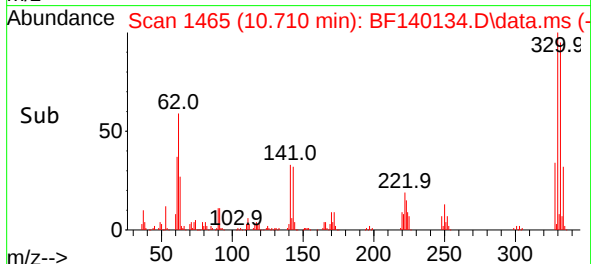
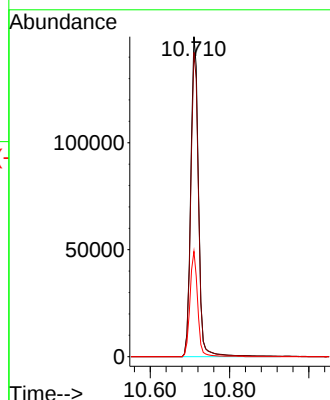
Tgt Ion:330 Resp: 204090

Ion Ratio Lower Upper

330 100

332 95.1 78.1 117.1

141 32.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 89.331 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140134.D

Acq: 30 Oct 2024 02:04

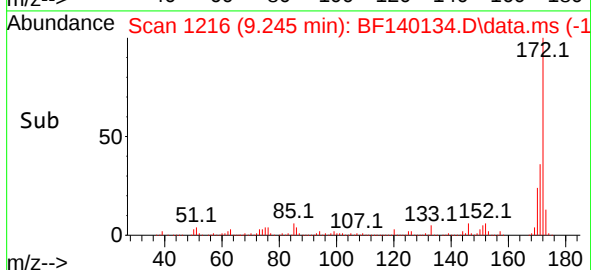
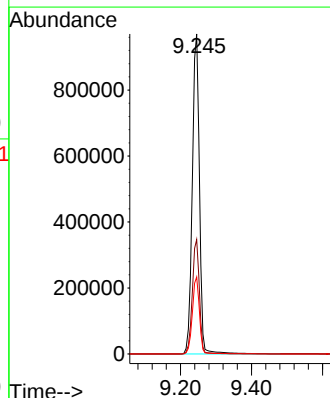
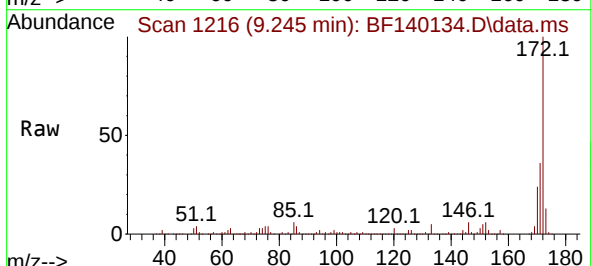
Tgt Ion:172 Resp: 1361590

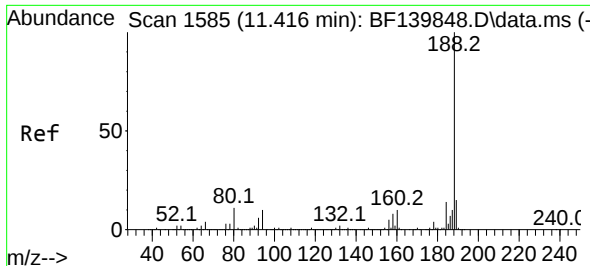
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.1 19.1 28.7

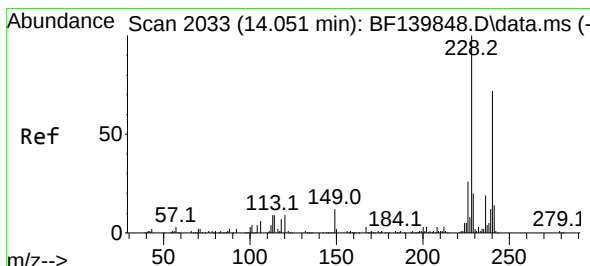
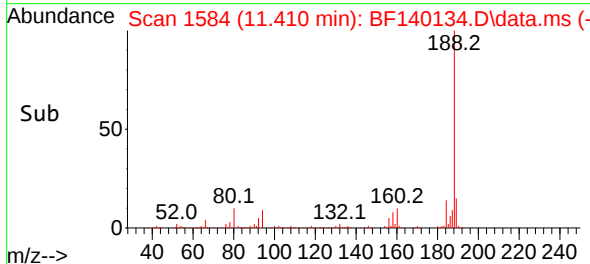
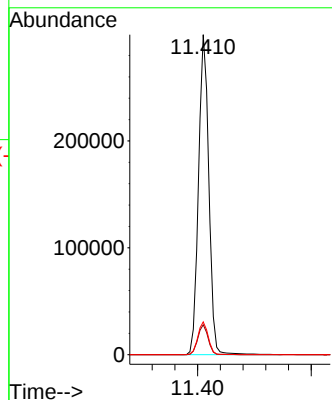
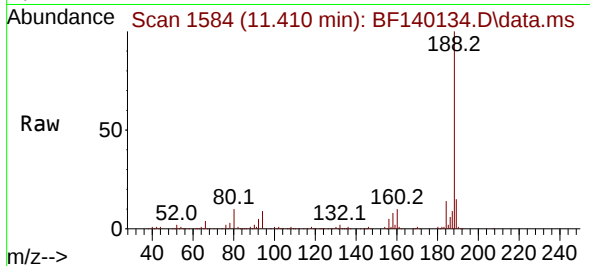




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140134.D
Acq: 30 Oct 2024 02:04

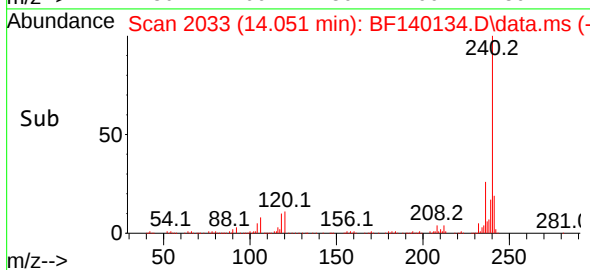
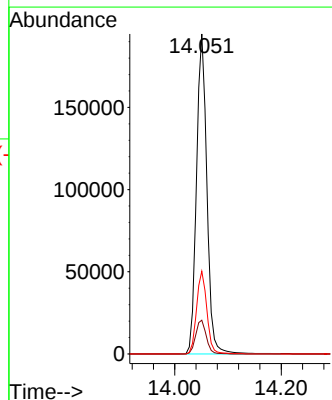
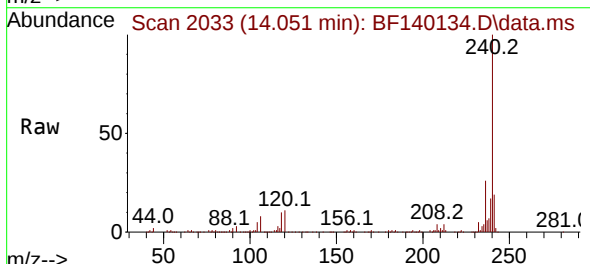
Instrument :
BNA_F
ClientSampleId :
PB164500BL

Tgt Ion:188 Resp: 379497
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.3 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: BF140134.D
Acq: 30 Oct 2024 02:04

Tgt Ion:240 Resp: 263688
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 25.8 20.9 31.3

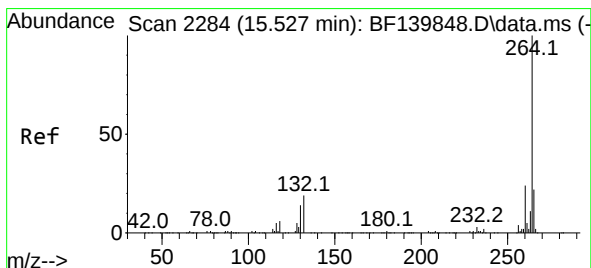
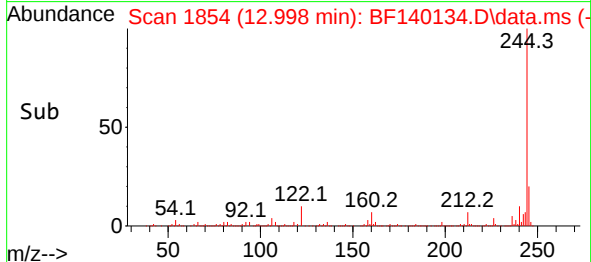
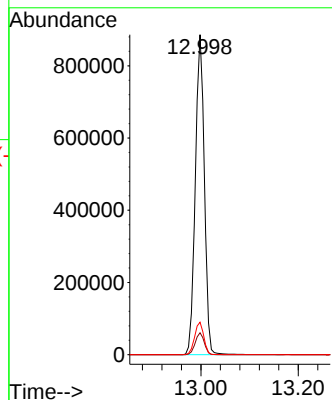
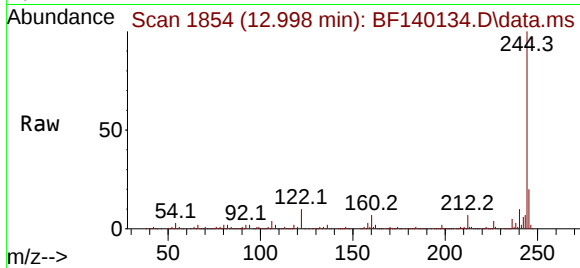




#79
 Terphenyl-d14
 Concen: 71.070 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140134.D
 Acq: 30 Oct 2024 02:04

Instrument :
 BNA_F
 ClientSampleId :
 PB164500BL

Tgt Ion:244 Resp: 1150074
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.2 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: BF140134.D
 Acq: 30 Oct 2024 02:04

Tgt Ion:264 Resp: 209364
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.6 17.4 26.0

