

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140078.D
 Acq On : 28 Oct 2024 10:58
 Operator : RC/JU
 Sample : PB164393TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164393TB

Quant Time: Oct 28 11:28:25 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	128211	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	508163	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	288600	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	536321	20.000	ng	0.00
76) Chrysene-d12	14.051	240	334195	20.000	ng	0.00
86) Perylene-d12	15.527	264	261975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1001524	122.289	ng	0.02
7) Phenol-d6	6.510	99	1264624	119.224	ng	0.00
23) Nitrobenzene-d5	7.446	82	845367	92.201	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	368703	136.583	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1534211	87.858	ng	0.00
79) Terphenyl-d14	12.998	244	1821703	88.823	ng	0.00

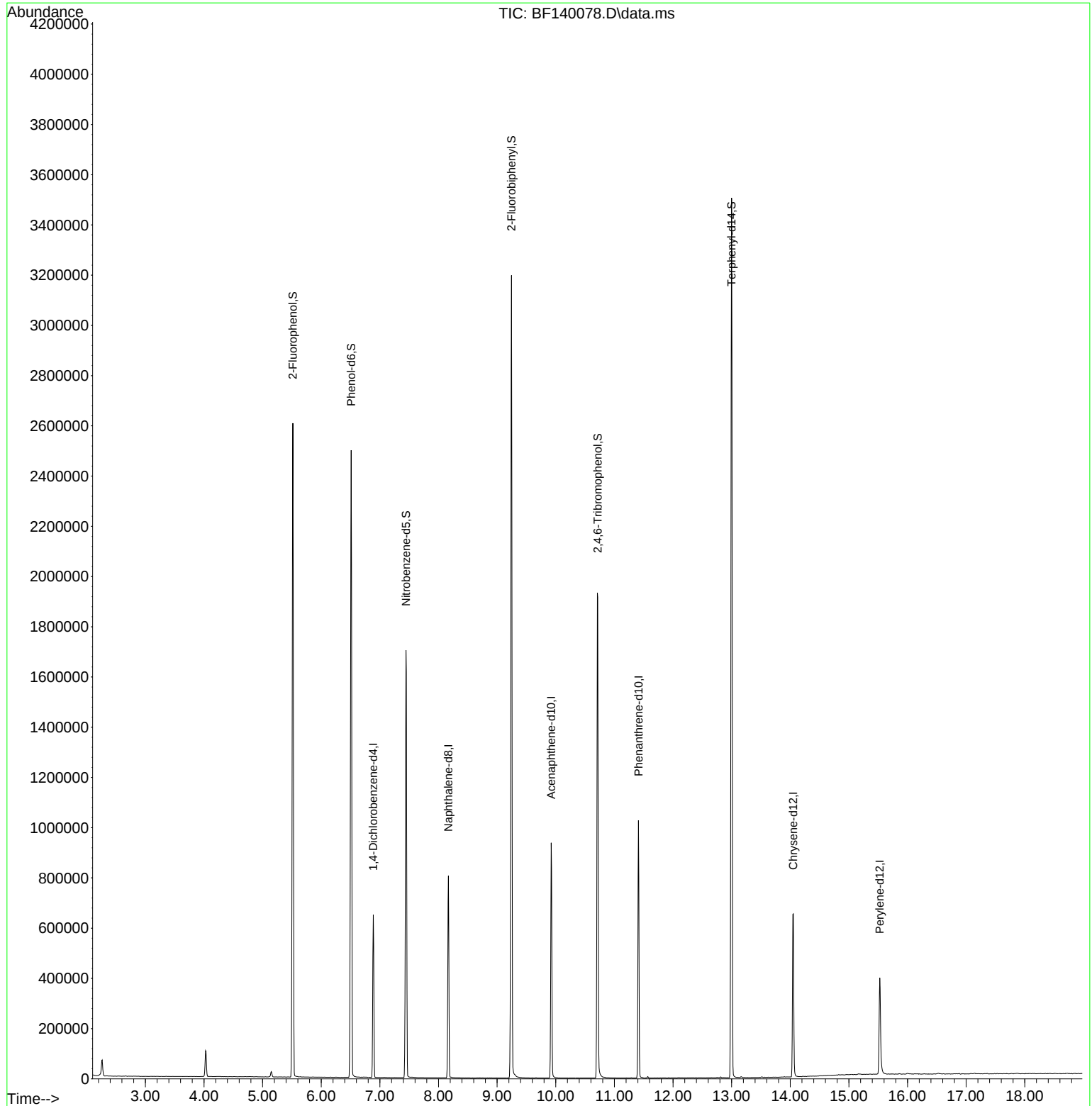
Target Compounds	Qvalue

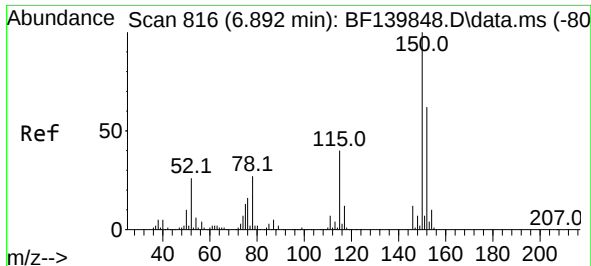
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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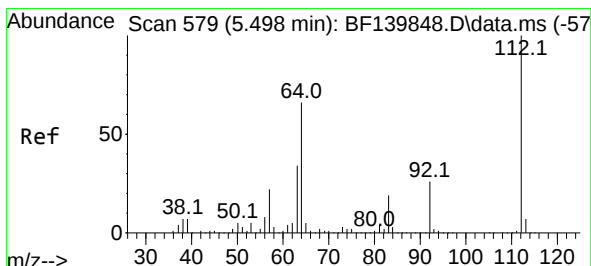
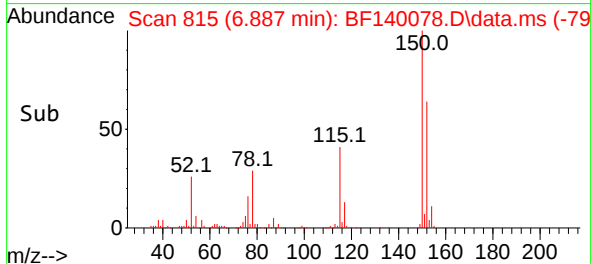
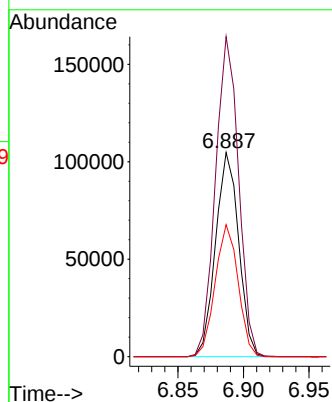
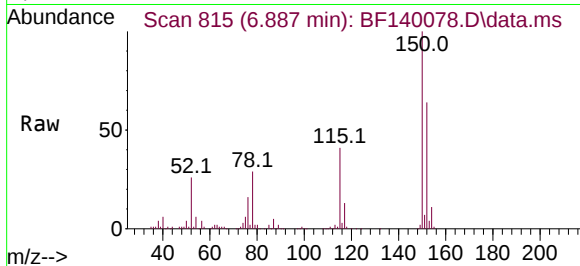




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

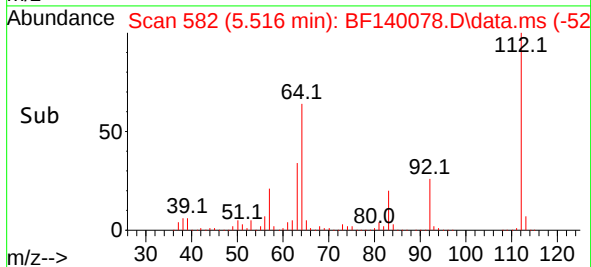
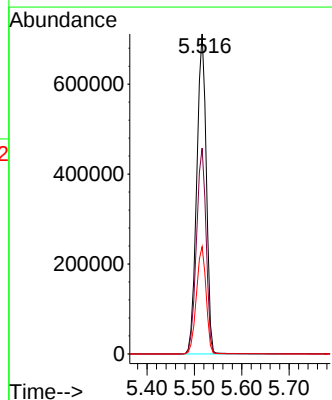
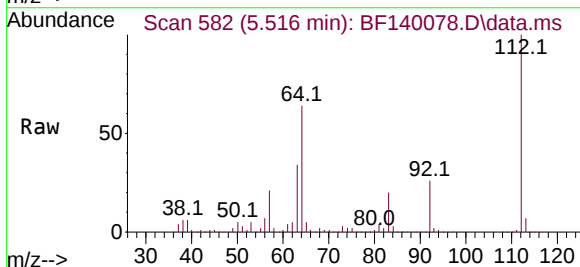
Instrument :
BNA_F
ClientSampleId :
PB164393TB

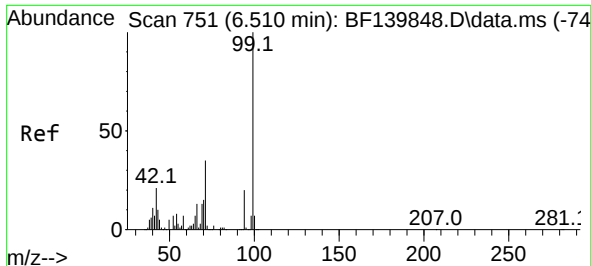
Tgt Ion:152 Resp: 128211
Ion Ratio Lower Upper
152 100
150 156.8 130.2 195.2
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 122.289 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

Tgt Ion:112 Resp: 1001524
Ion Ratio Lower Upper
112 100
64 64.3 53.0 79.6
63 33.5 27.0 40.4



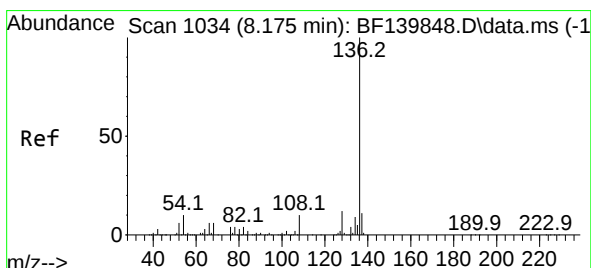
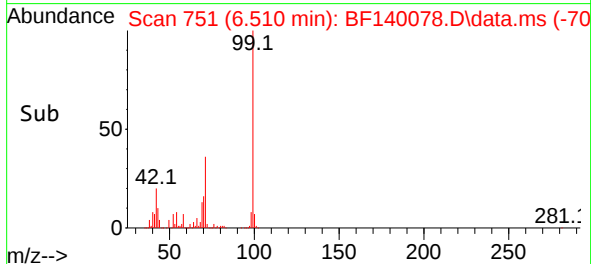
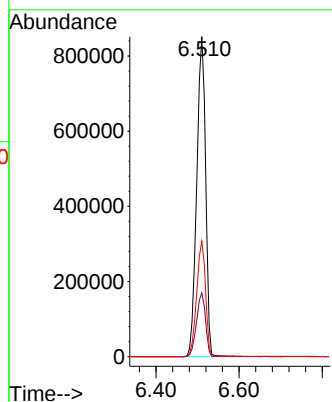
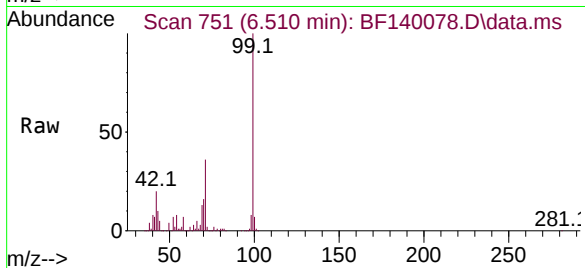


#7
Phenol-d6
Concen: 119.224 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

Instrument :
BNA_F
ClientSampleId :
PB164393TB

Tgt Ion: 99 Resp: 1264624

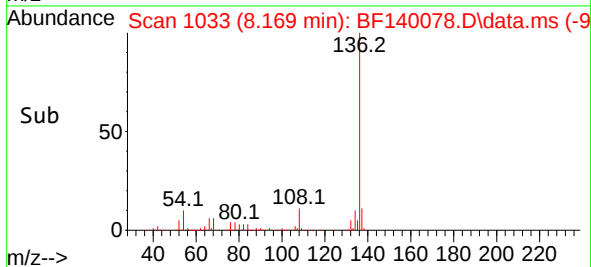
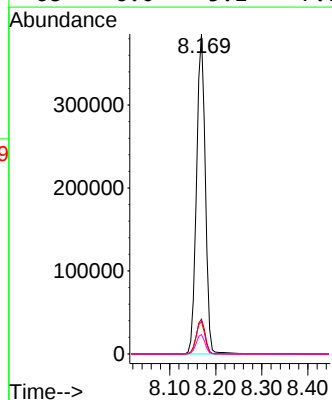
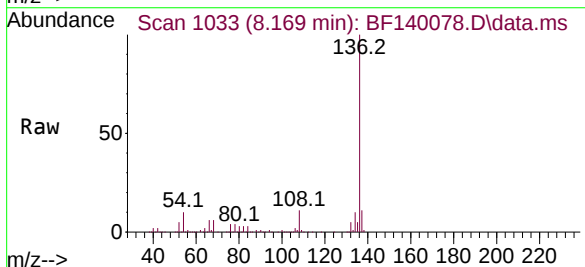
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.7	25.1
71	36.0	27.7	41.5

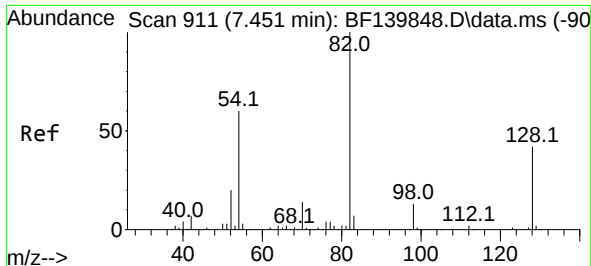


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

Tgt Ion: 136 Resp: 508163

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.1	8.4	12.6
68	6.0	5.1	7.7





#23

Nitrobenzene-d5

Concen: 92.201 ng

RT: 7.446 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140078.D

Acq: 28 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

PB164393TB

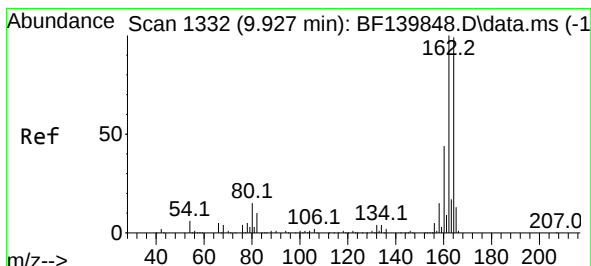
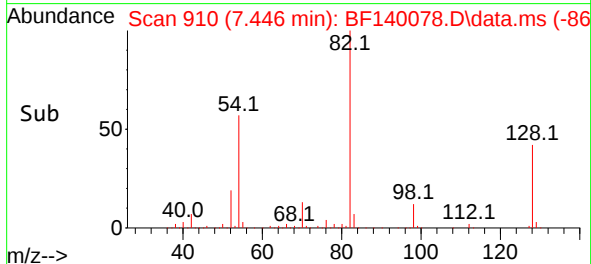
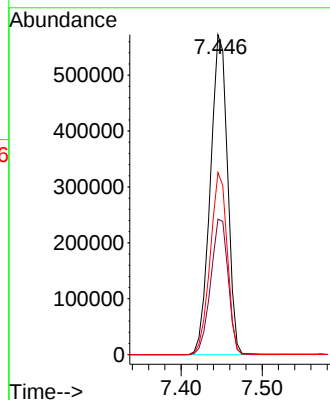
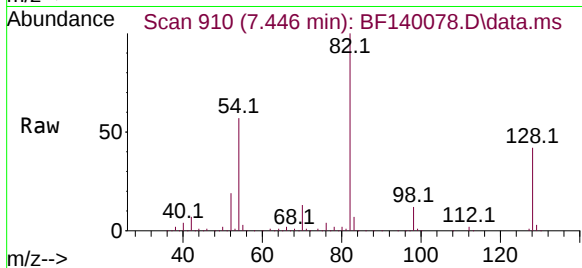
Tgt Ion: 82 Resp: 845367

Ion Ratio Lower Upper

82 100

128 42.3 33.4 50.0

54 56.9 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: BF140078.D

Acq: 28 Oct 2024 10:58

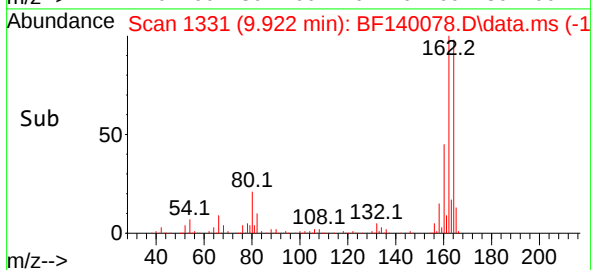
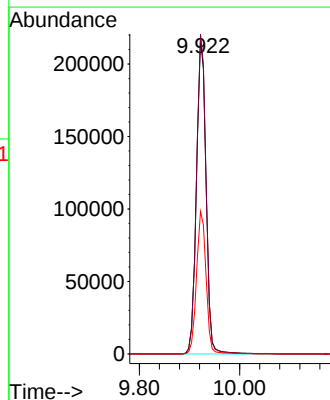
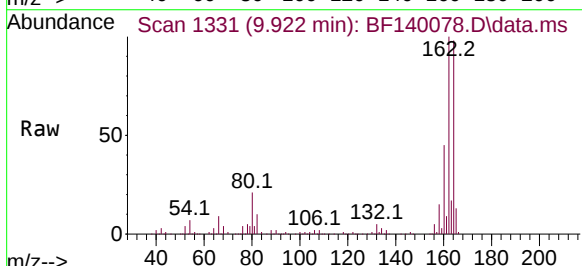
Tgt Ion:164 Resp: 288600

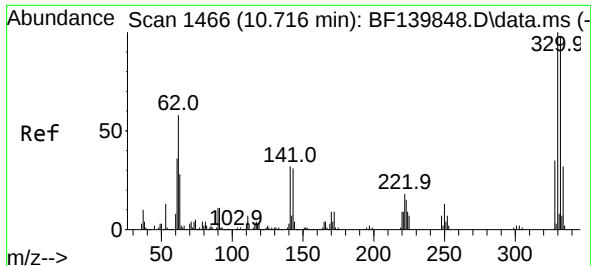
Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

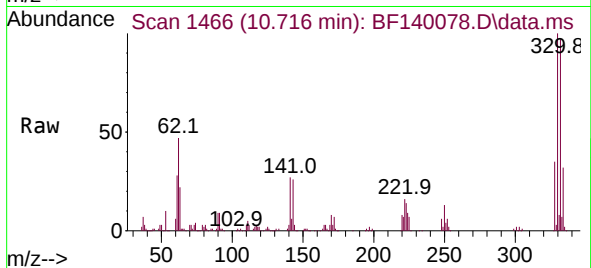
160 45.2 35.4 53.0



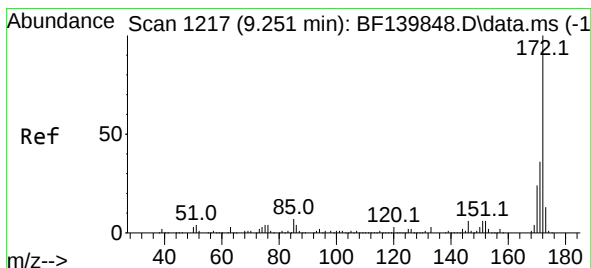
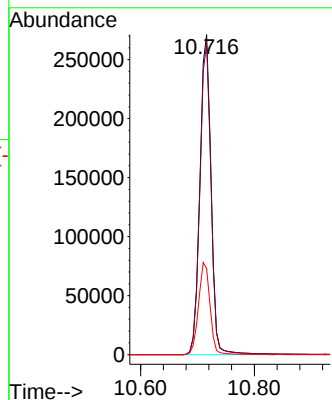
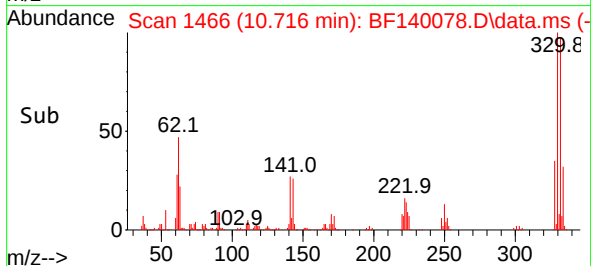


#42
2,4,6-Tribromophenol
Concen: 136.583 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

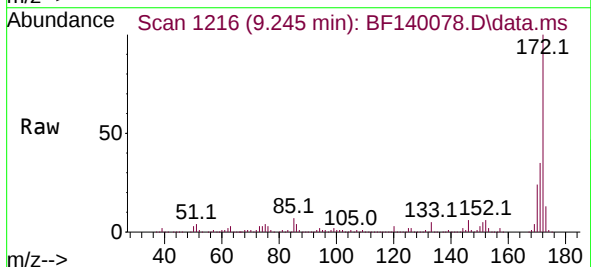
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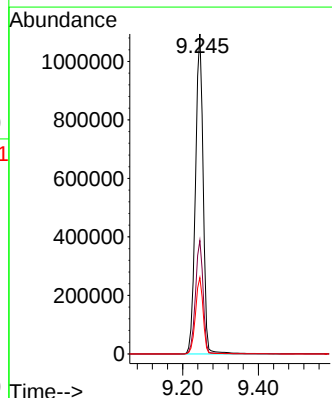
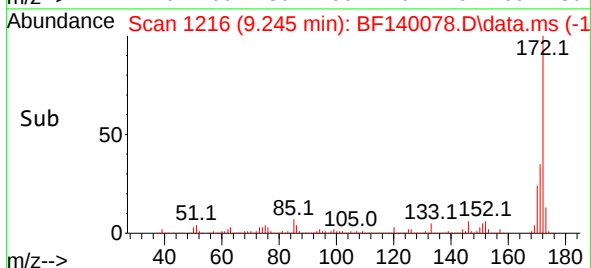
Tgt Ion:330 Resp: 368703
Ion Ratio Lower Upper
330 100
332 97.6 78.1 117.1
141 29.6 26.6 39.8

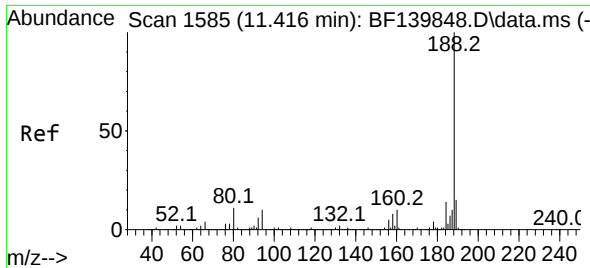


#45
2-Fluorobiphenyl
Concen: 87.858 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58



Tgt Ion:172 Resp: 1534211
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.8 19.1 28.7

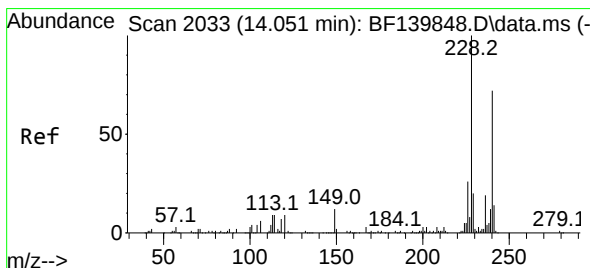
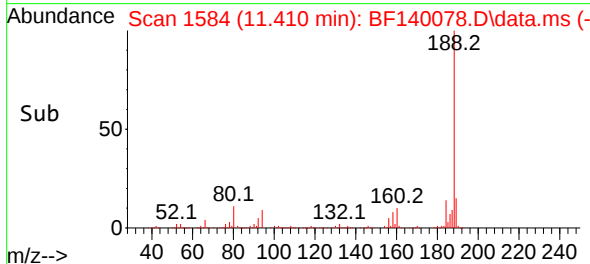
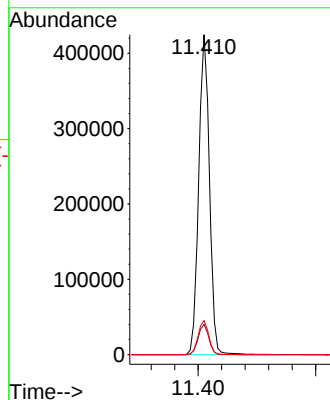
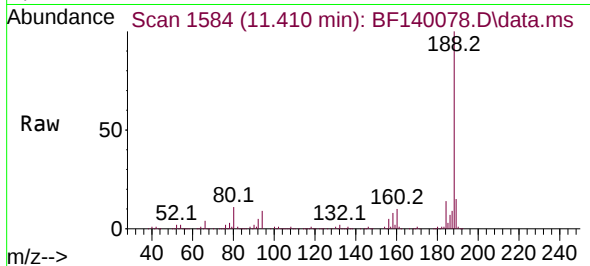




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

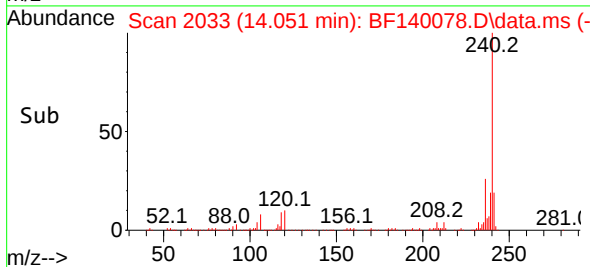
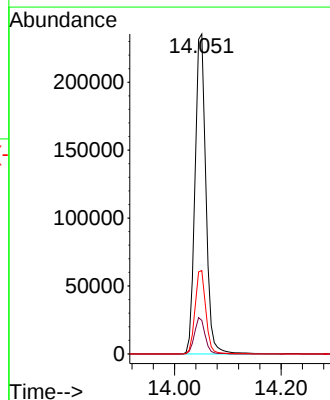
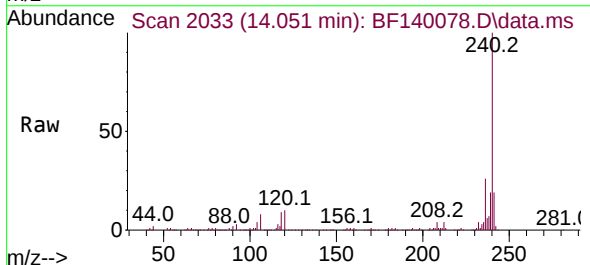
Instrument :
BNA_F
ClientSampleId :
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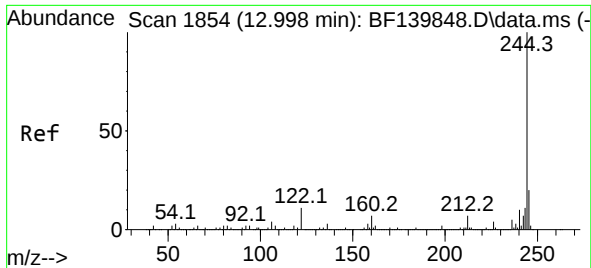
Tgt Ion:188 Resp: 536321
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.6 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

Tgt Ion:240 Resp: 334195
Ion Ratio Lower Upper
240 100
120 10.5 9.4 14.2
236 26.0 20.9 31.3

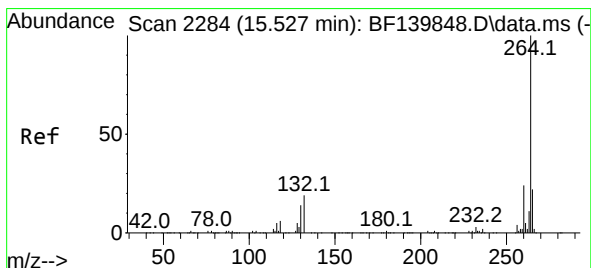
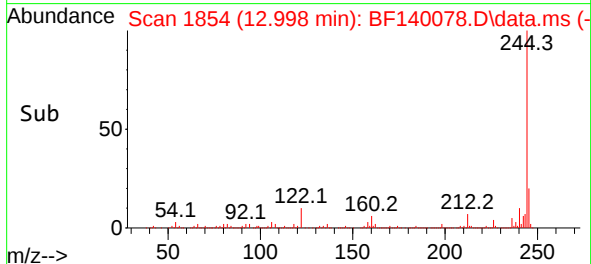
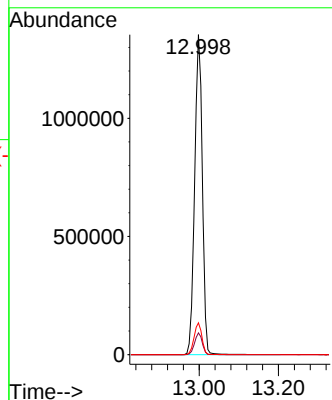
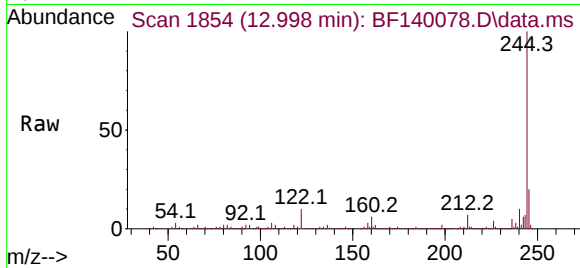




#79
 Terphenyl-d14
 Concen: 88.823 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140078.D
 Acq: 28 Oct 2024 10:58

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1821703
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.9 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: BF140078.D
 Acq: 28 Oct 2024 10:58

Tgt Ion:264 Resp: 261975
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.3 17.4 26.0

