

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140037.D
 Acq On : 25 Oct 2024 15:04
 Operator : RC/JU
 Sample : P4517-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S.JEFFERSON-CO-1

Quant Time: Oct 25 15:29:01 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	6.886	152	94205	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	371188	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	213232	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	409743	20.000	ng	0.00
76) Chrysene-d12	14.051	240	236507	20.000	ng	0.00
86) Perylene-d12	15.527	264	226427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	367341	61.044	ng	0.00
7) Phenol-d6	6.504	99	580472	74.479	ng	0.00
23) Nitrobenzene-d5	7.445	82	469881	70.160	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	94608	47.434	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	905330	70.169	ng	0.00
79) Terphenyl-d14	12.998	244	1102089	75.931	ng	0.00

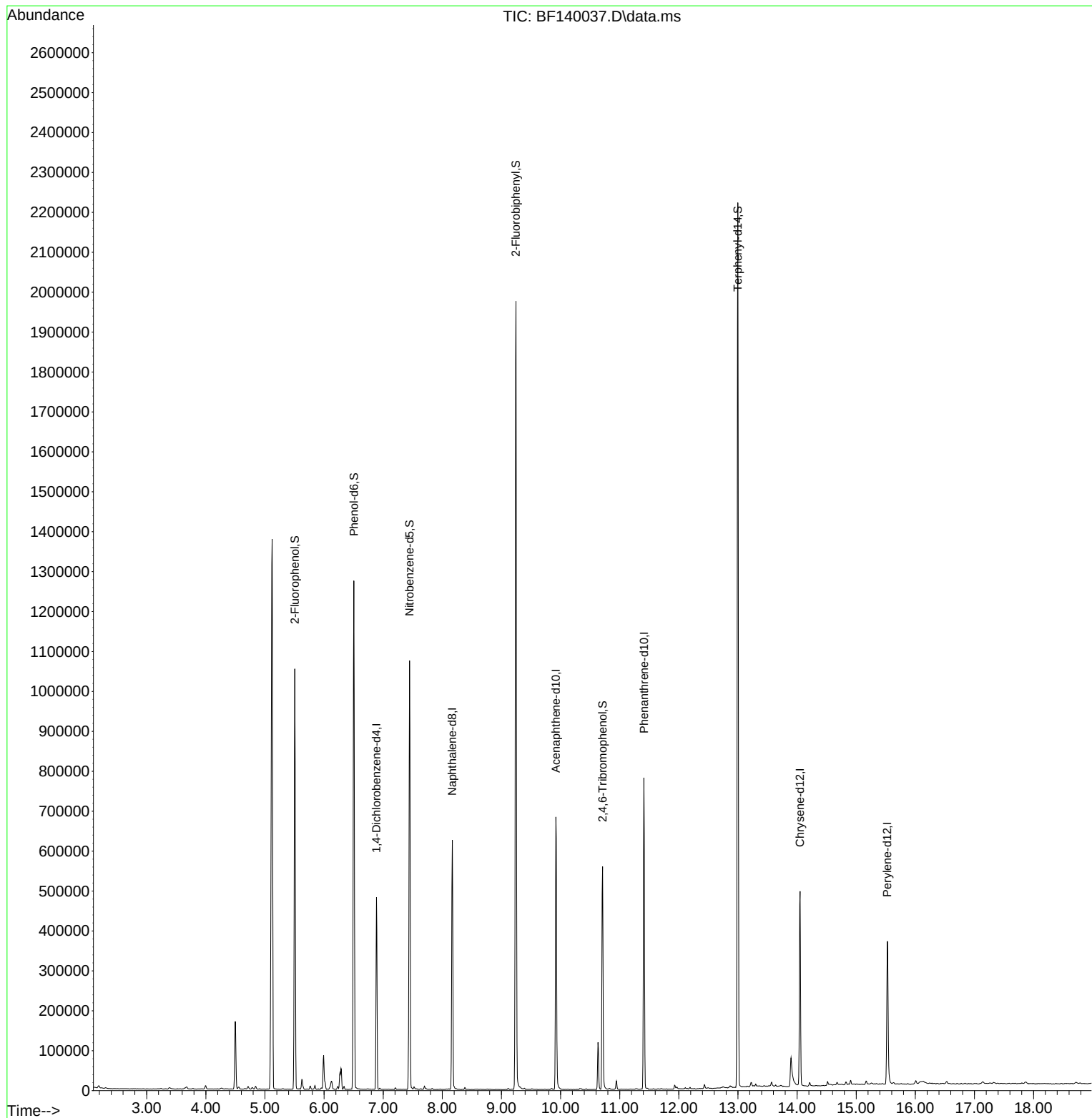
Target Compounds	Qvalue

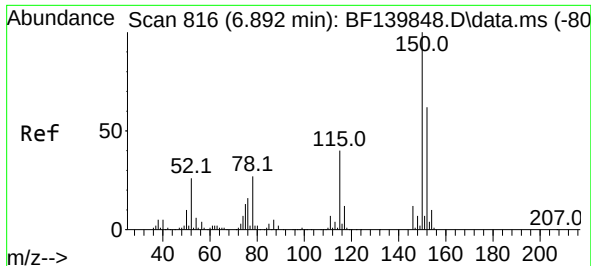
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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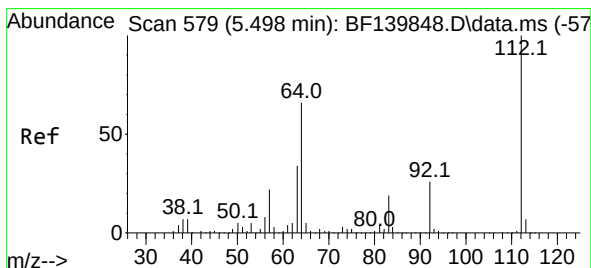
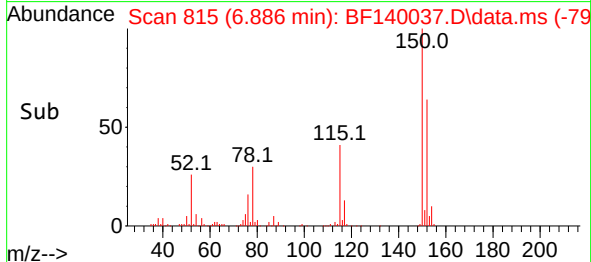
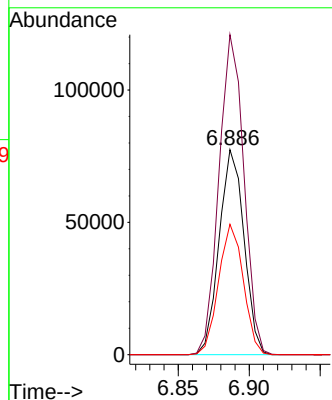
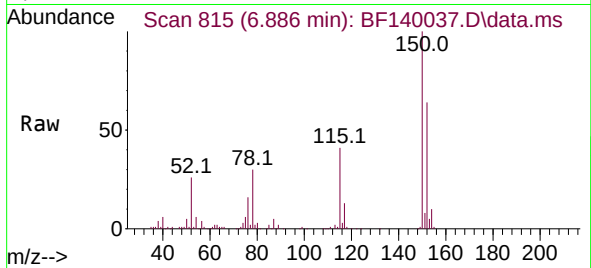




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

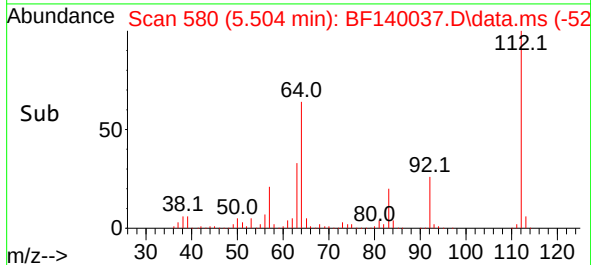
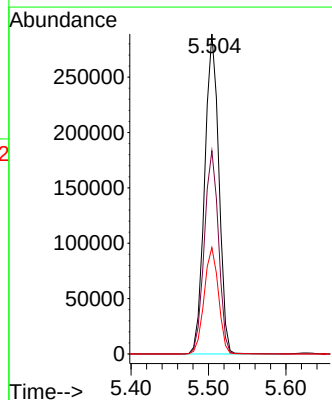
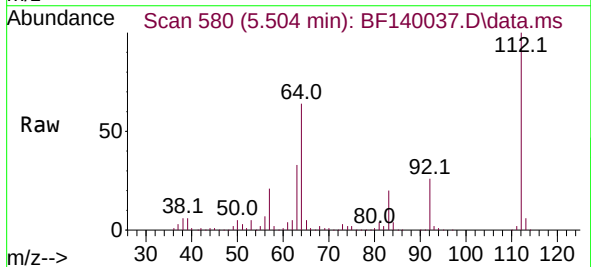
Instrument :
BNA_F
ClientSampleId :
S.JEFFERSON-CO-1

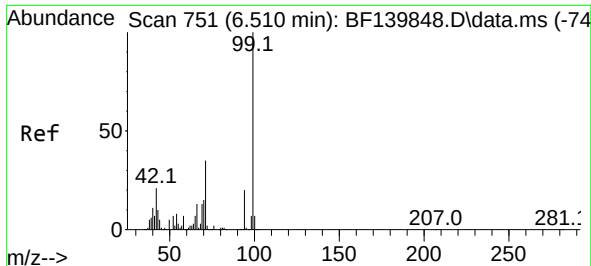
Tgt Ion:152 Resp: 94205
Ion Ratio Lower Upper
152 100
150 156.2 130.2 195.2
115 63.6 51.4 77.2



#5
2-Fluorophenol
Concen: 61.044 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

Tgt Ion:112 Resp: 367341
Ion Ratio Lower Upper
112 100
64 63.5 53.0 79.6
63 33.2 27.0 40.4

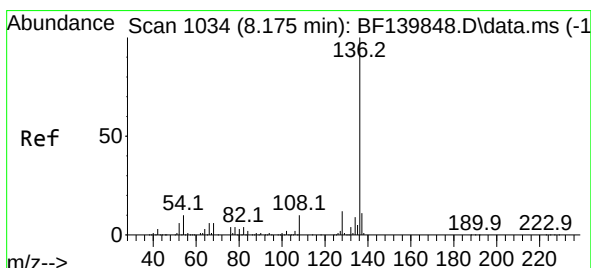
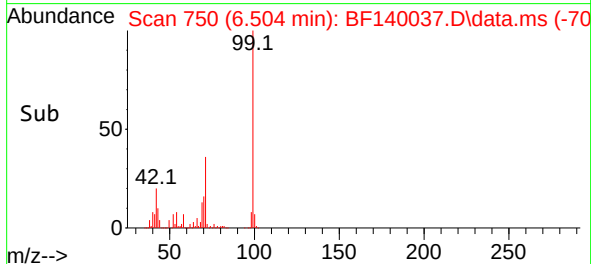
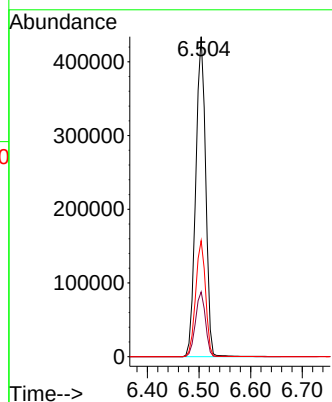
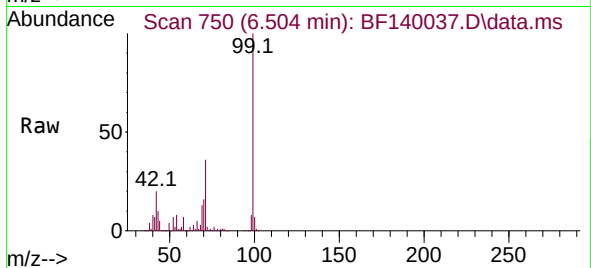




#7
Phenol-d6
Concen: 74.479 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

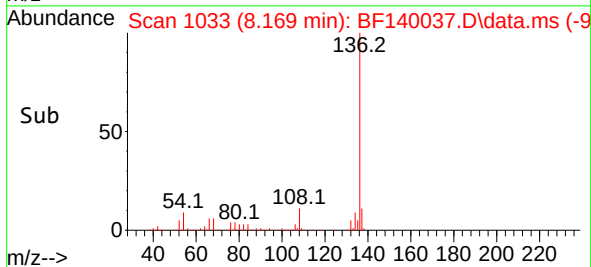
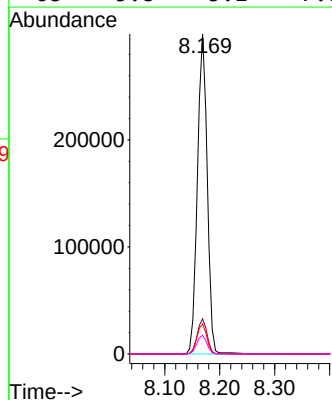
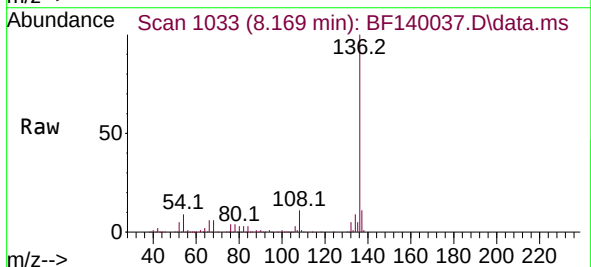
Instrument :
BNA_F
ClientSampleId :
S.JEFFERSON-CO-1

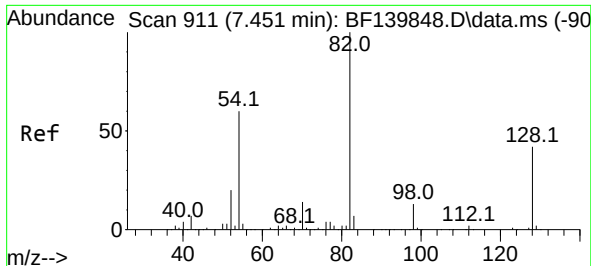
Tgt Ion: 99 Resp: 580472
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 36.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

Tgt Ion: 136 Resp: 371188
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.4 8.4 12.6
68 5.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 70.160 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140037.D

Acq: 25 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

S.JEFFERSON-CO-1

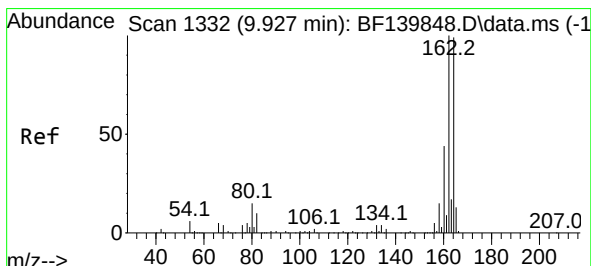
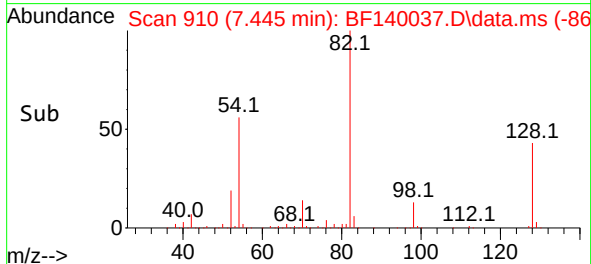
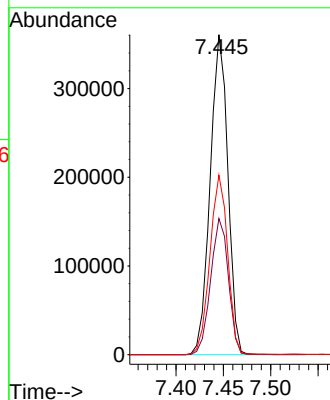
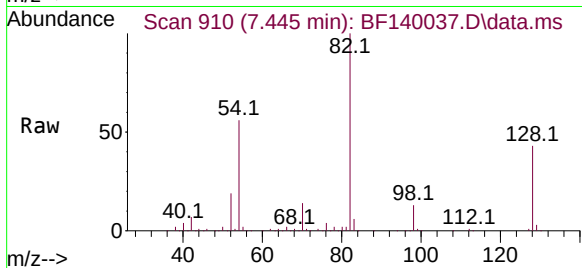
Tgt Ion: 82 Resp: 469881

Ion Ratio Lower Upper

82 100

128 42.5 33.4 50.0

54 56.1 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: BF140037.D

Acq: 25 Oct 2024 15:04

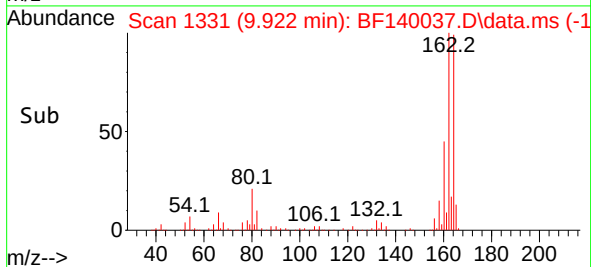
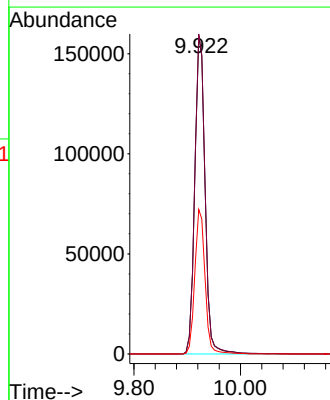
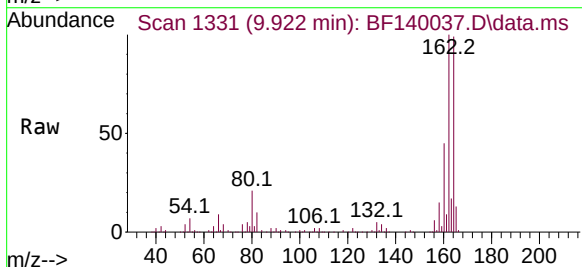
Tgt Ion:164 Resp: 213232

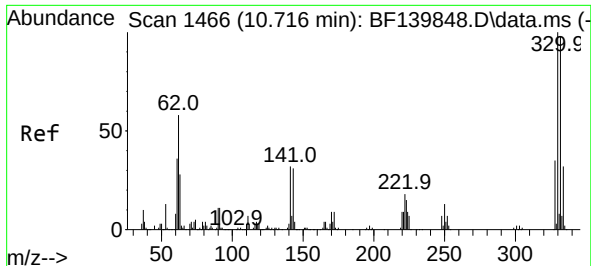
Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 45.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 47.434 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140037.D

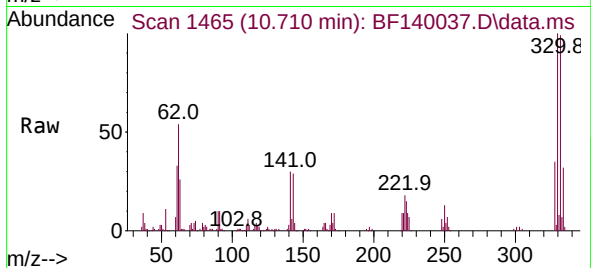
Acq: 25 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

S.JEFFERSON-CO-1



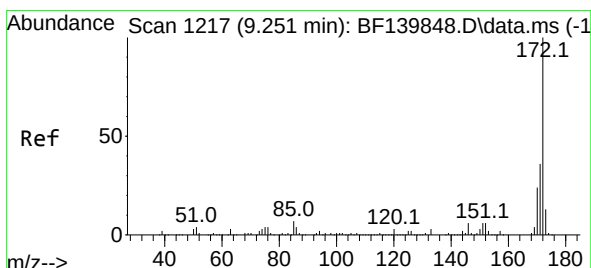
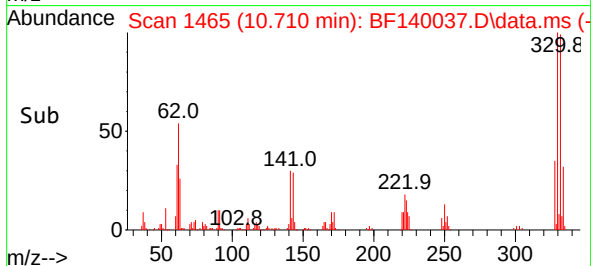
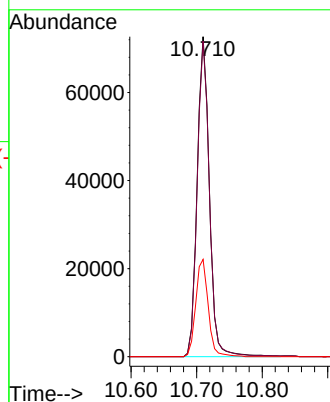
Tgt Ion:330 Resp: 94608

Ion Ratio Lower Upper

330 100

332 98.8 78.1 117.1

141 31.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 70.169 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140037.D

Acq: 25 Oct 2024 15:04

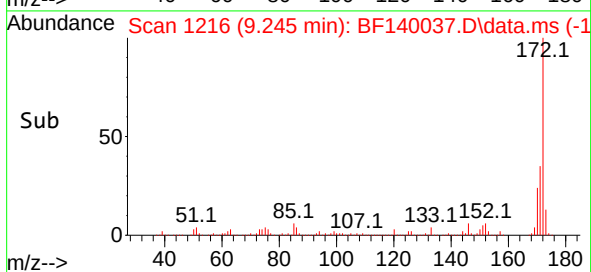
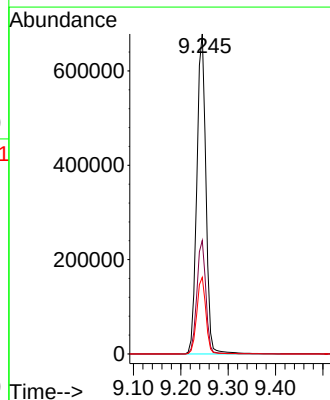
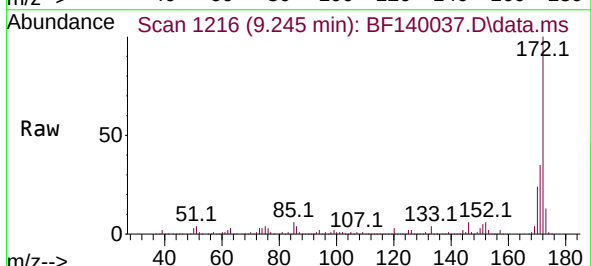
Tgt Ion:172 Resp: 905330

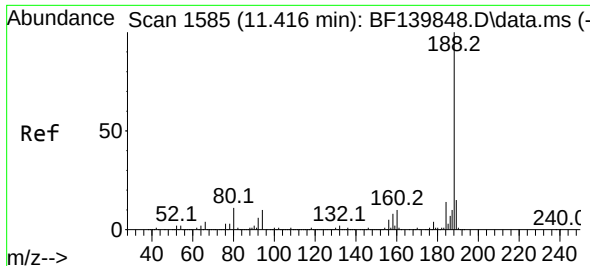
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.0 19.1 28.7

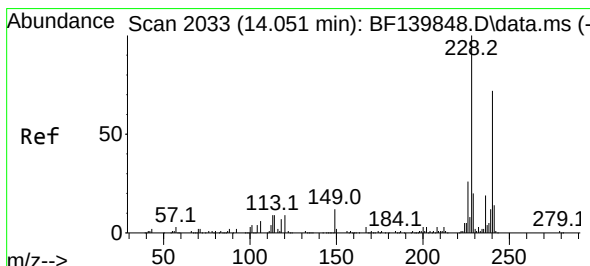
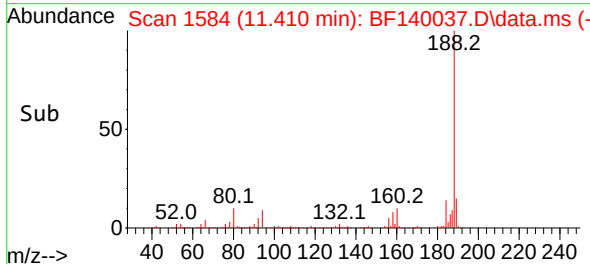
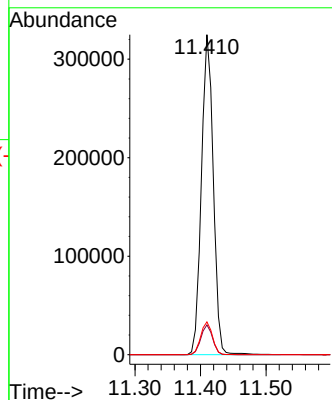
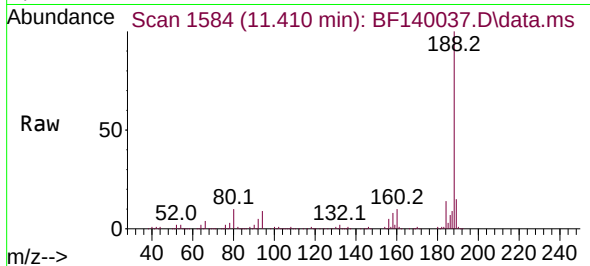




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

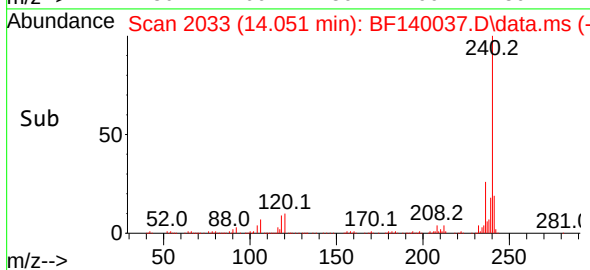
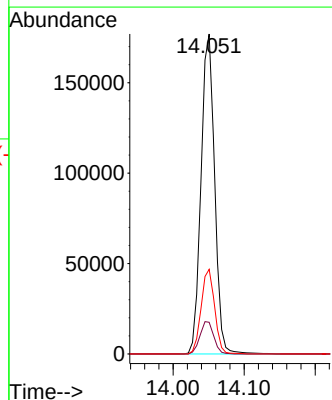
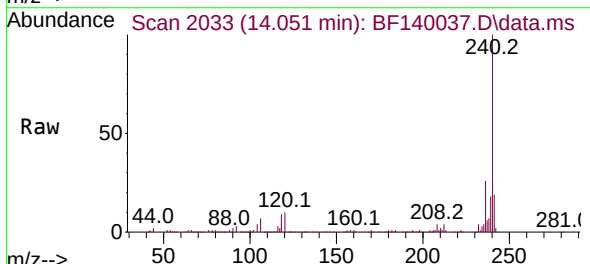
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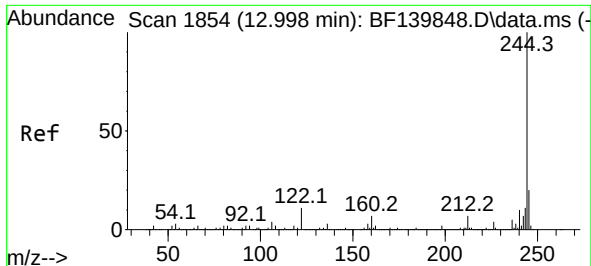
Tgt Ion:188 Resp: 409743
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

Tgt Ion:240 Resp: 236507
Ion Ratio Lower Upper
240 100
120 9.9 9.4 14.2
236 26.4 20.9 31.3

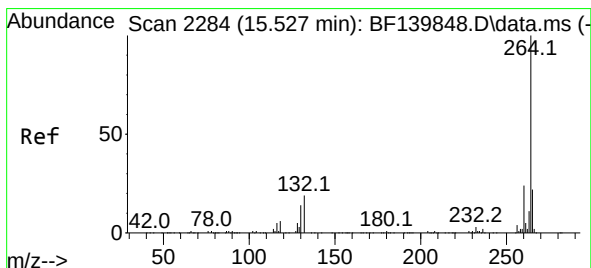
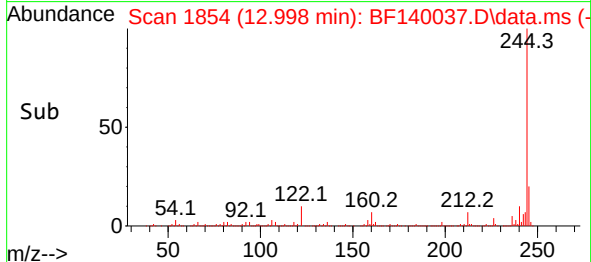
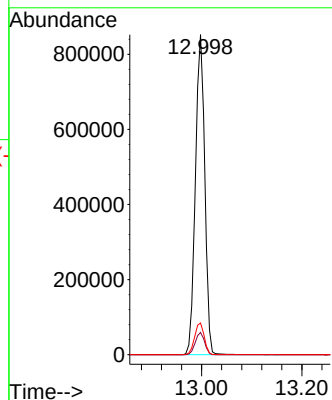
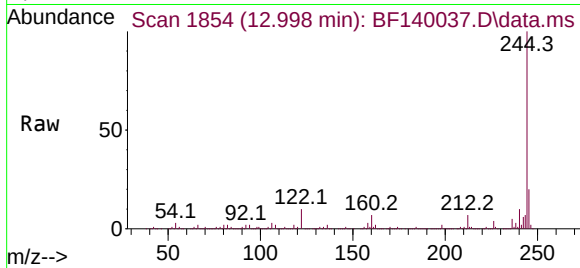




#79
 Terphenyl-d14
 Concen: 75.931 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140037.D
 Acq: 25 Oct 2024 15:04

Instrument :
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Tgt Ion:244 Resp: 1102089
 Ion Ratio Lower Upper
 244 100
 212 6.9 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: BF140037.D
 Acq: 25 Oct 2024 15:04

Tgt Ion:264 Resp: 226427
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 20.2 17.4 26.0

