

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140048.D
 Acq On : 25 Oct 2024 20:14
 Operator : RC/JU
 Sample : P4517-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S.JEFFERSON-CO-2

Quant Time: Oct 25 22:43:43 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	89837	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	327168	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	155637	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	239690	20.000	ng	0.00
76) Chrysene-d12	14.051	240	187201	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	148551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	352947	61.504	ng	0.00
7) Phenol-d6	6.504	99	528214	71.069	ng	0.00
23) Nitrobenzene-d5	7.445	82	396181	67.115	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	86683	59.544	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	719331	76.385	ng	0.00
79) Terphenyl-d14	12.998	244	684456	59.578	ng	0.00

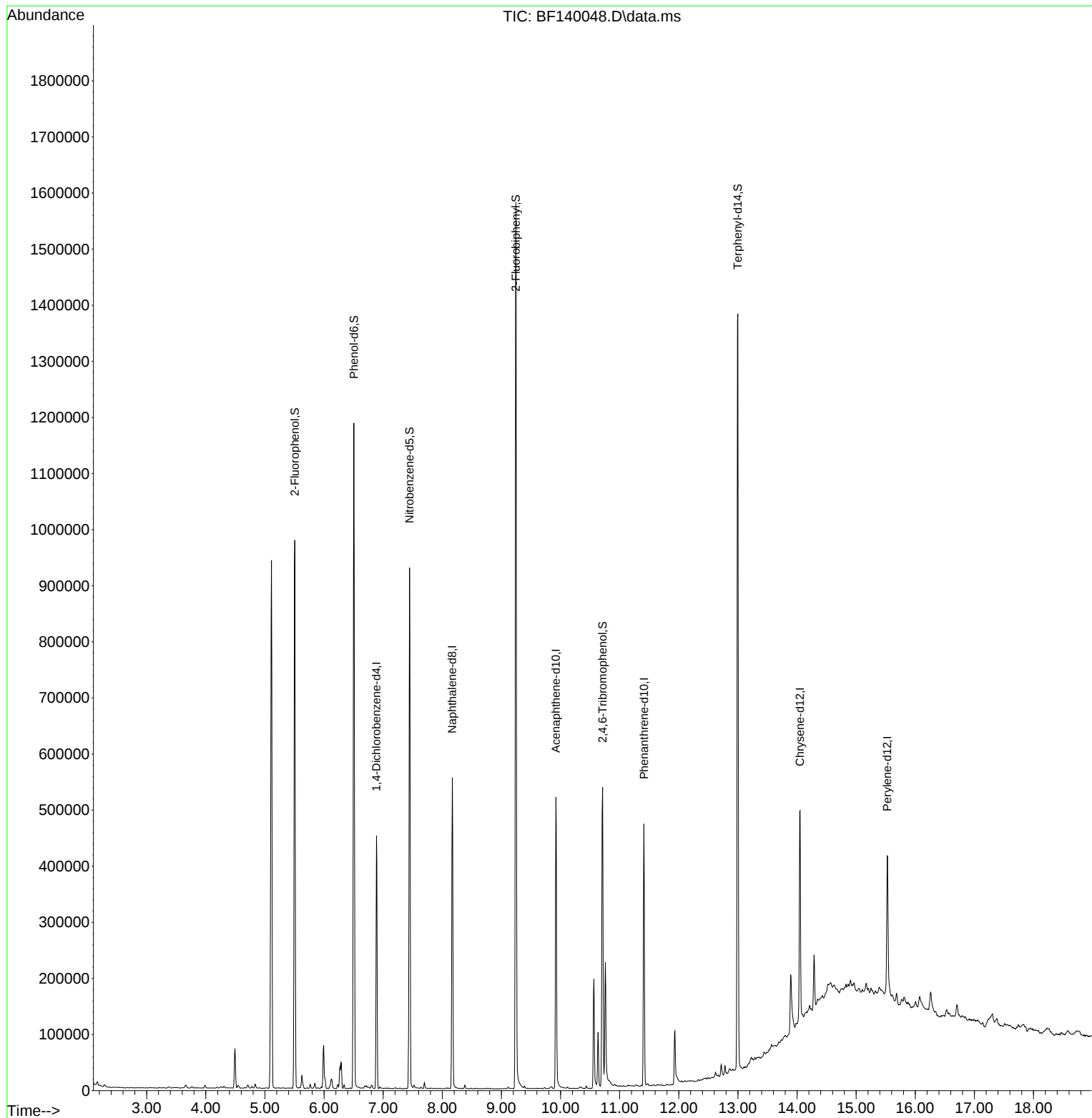
Target Compounds	Qvalue

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

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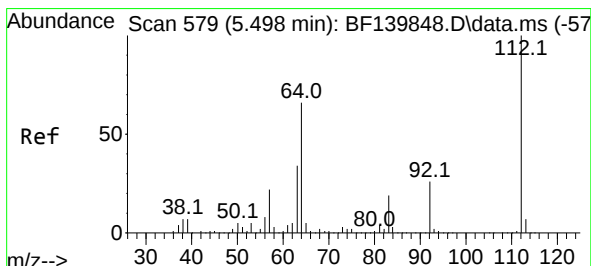
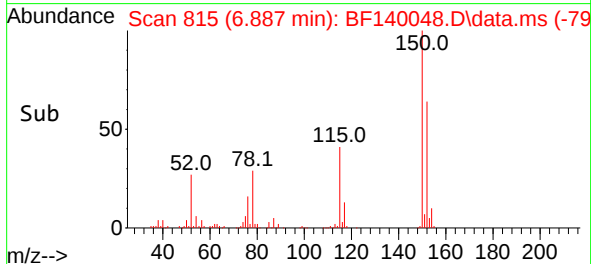
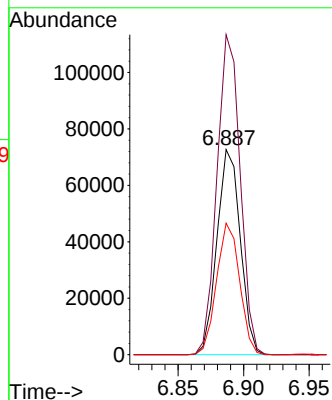
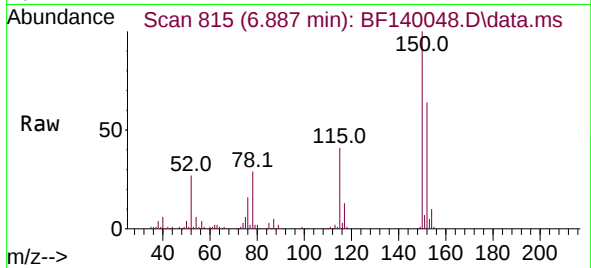




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

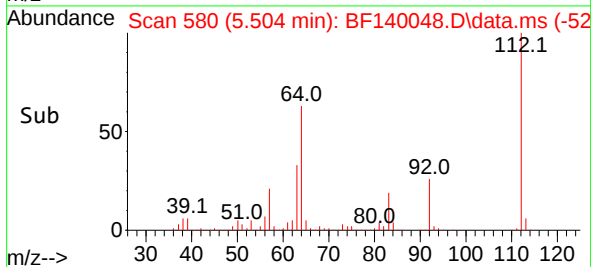
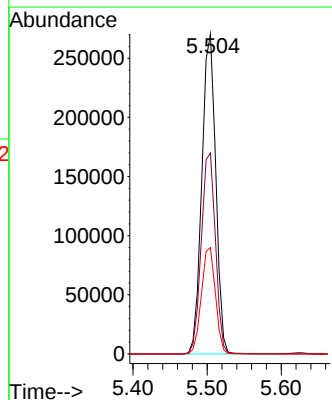
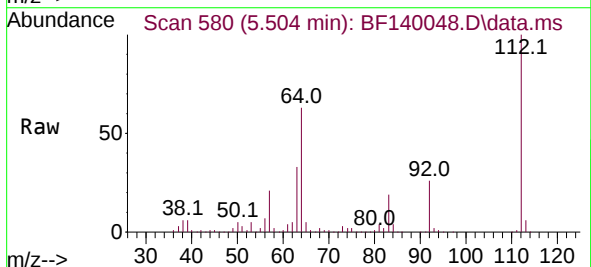
Instrument :
BNA_F
ClientSampleId :
S.JEFFERSON-CO-2

Tgt Ion:152 Resp: 89837
Ion Ratio Lower Upper
152 100
150 156.0 130.2 195.2
115 64.1 51.4 77.2



#5
2-Fluorophenol
Concen: 61.504 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

Tgt Ion:112 Resp: 352947
Ion Ratio Lower Upper
112 100
64 62.8 53.0 79.6
63 33.3 27.0 40.4





#7

Phenol-d6

Concen: 71.069 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140048.D

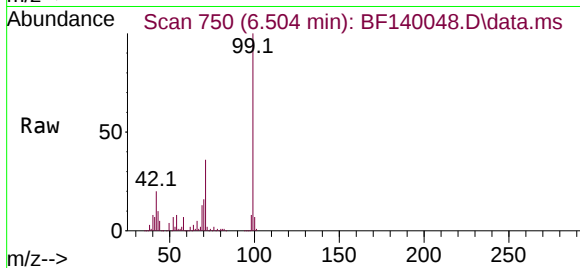
Acq: 25 Oct 2024 20:14

Instrument :

BNA_F

ClientSampleId :

S.JEFFERSON-CO-2



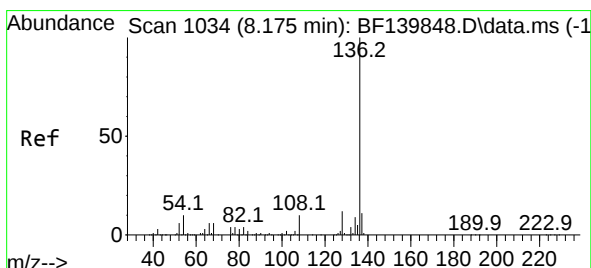
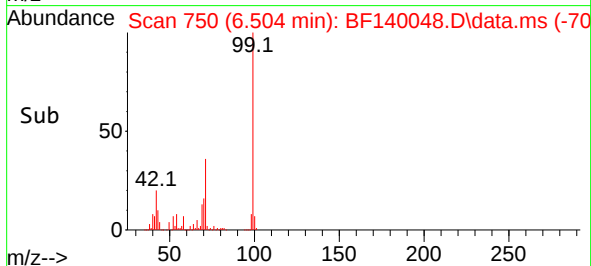
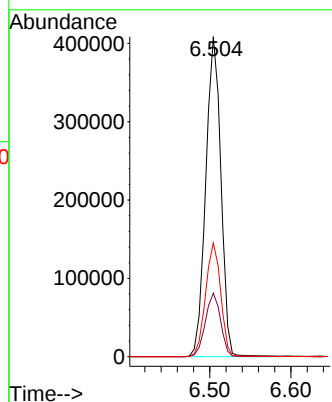
Tgt Ion: 99 Resp: 528214

Ion Ratio Lower Upper

99 100

42 19.9 16.7 25.1

71 35.5 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: BF140048.D

Acq: 25 Oct 2024 20:14

Tgt Ion: 136 Resp: 327168

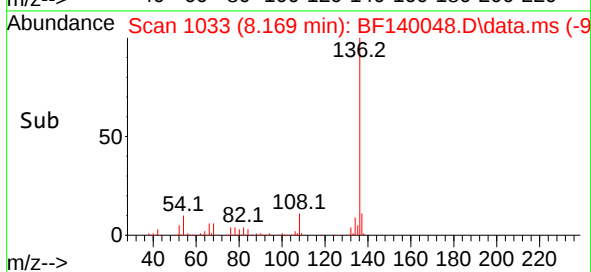
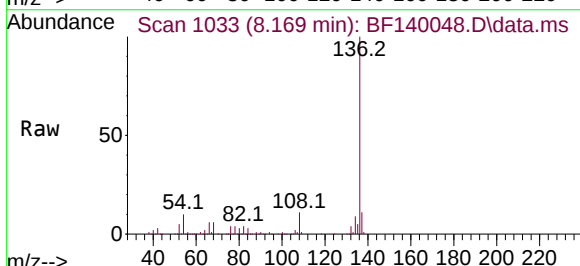
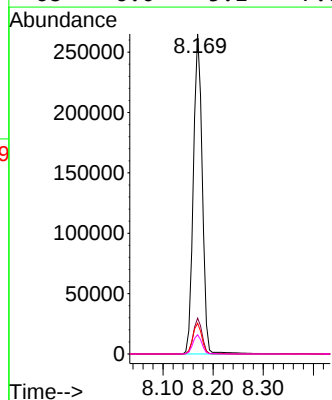
Ion Ratio Lower Upper

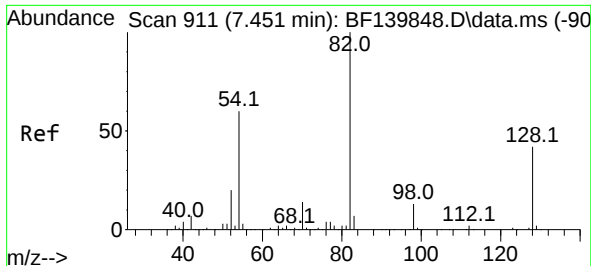
136 100

137 11.2 8.6 12.8

54 9.6 8.4 12.6

68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 67.115 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140048.D

Acq: 25 Oct 2024 20:14

Instrument :

BNA_F

ClientSampleId :

S.JEFFERSON-CO-2

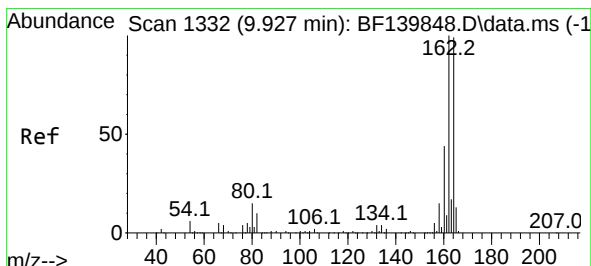
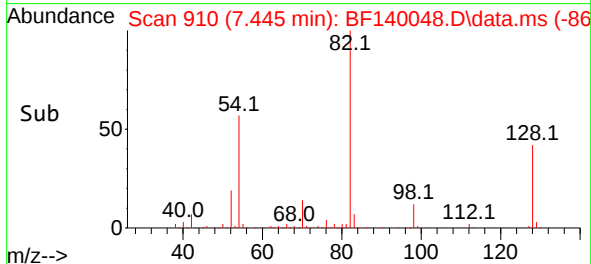
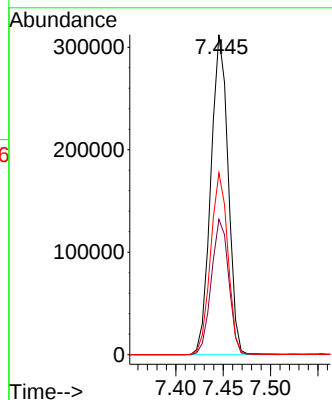
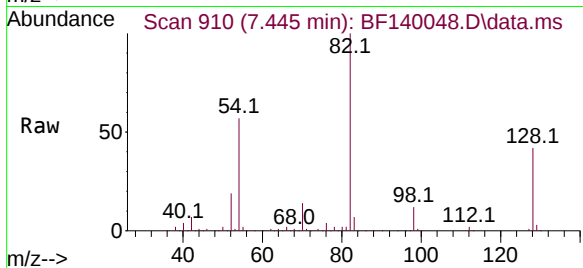
Tgt Ion: 82 Resp: 396181

Ion Ratio Lower Upper

82 100

128 42.3 33.4 50.0

54 56.8 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: BF140048.D

Acq: 25 Oct 2024 20:14

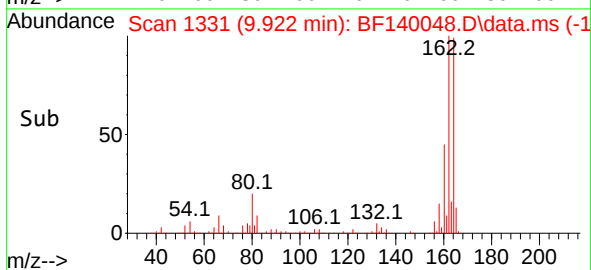
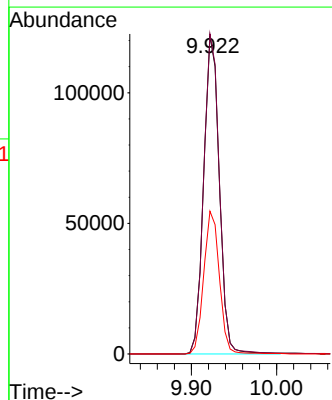
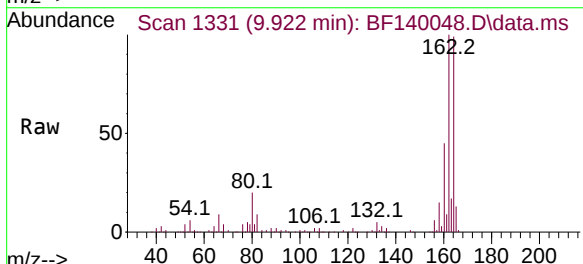
Tgt Ion:164 Resp: 155637

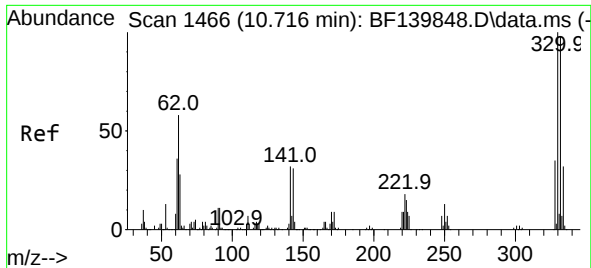
Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 44.9 35.4 53.0

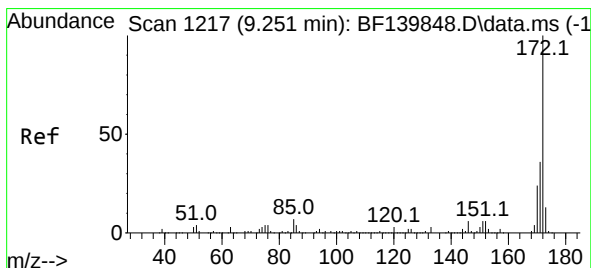
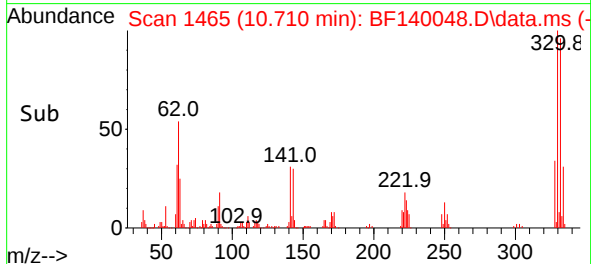
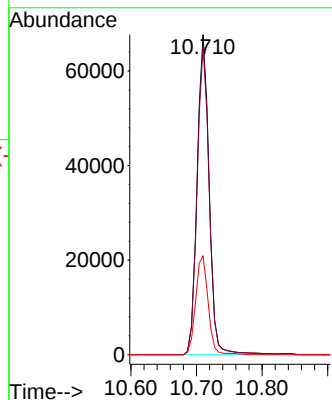
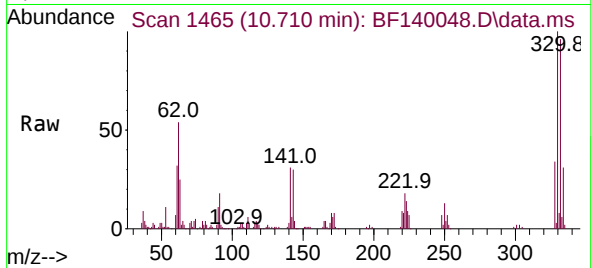




#42
2,4,6-Tribromophenol
Concen: 59.544 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

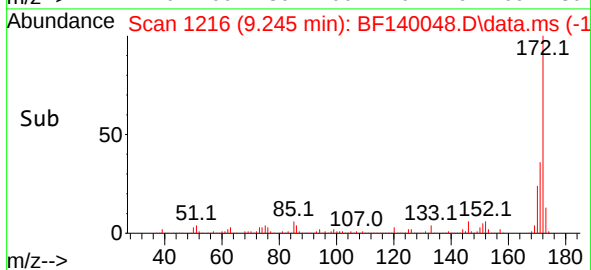
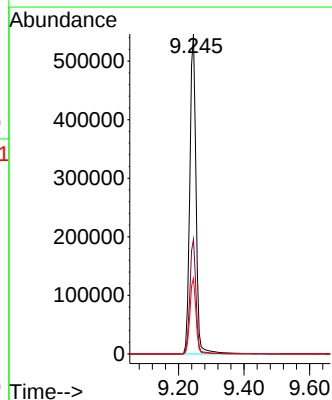
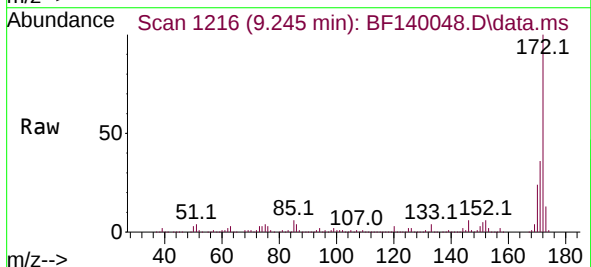
Instrument :
BNA_F
ClientSampleId :
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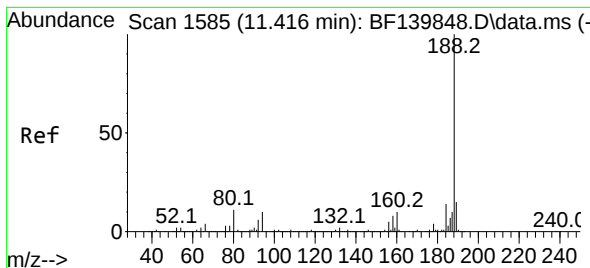
Tgt Ion:330 Resp: 86683
Ion Ratio Lower Upper
330 100
332 97.0 78.1 117.1
141 31.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 76.385 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

Tgt Ion:172 Resp: 719331
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF140048.D

Acq: 25 Oct 2024 20:14

Instrument :

BNA_F

ClientSampleId :

S.JEFFERSON-CO-2

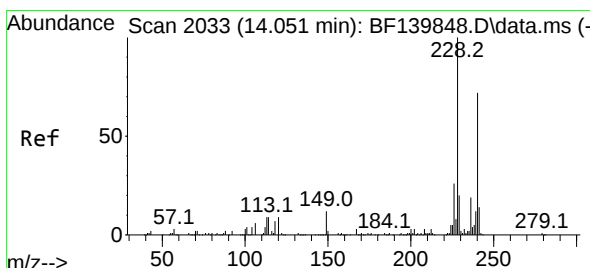
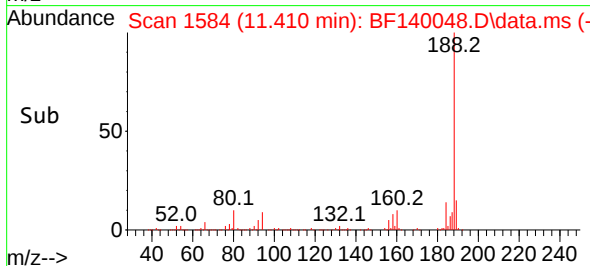
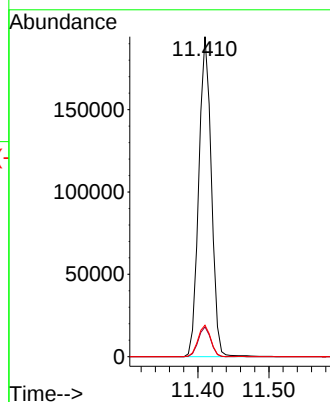
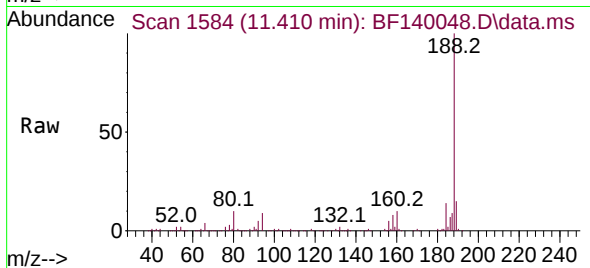
Tgt Ion:188 Resp: 239690

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 9.9 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: BF140048.D

Acq: 25 Oct 2024 20:14

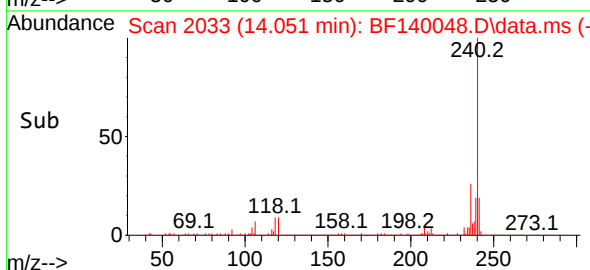
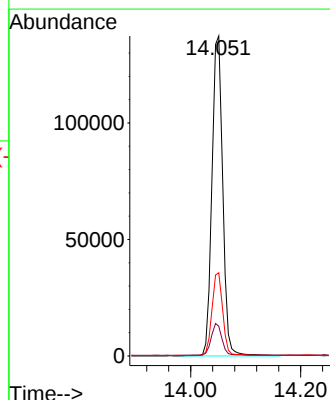
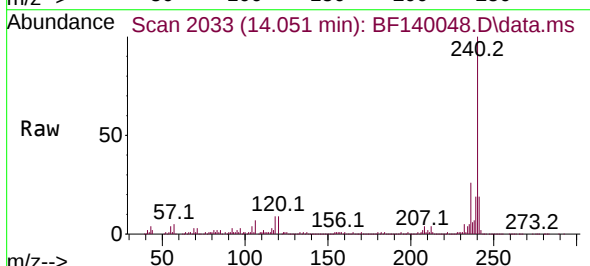
Tgt Ion:240 Resp: 187201

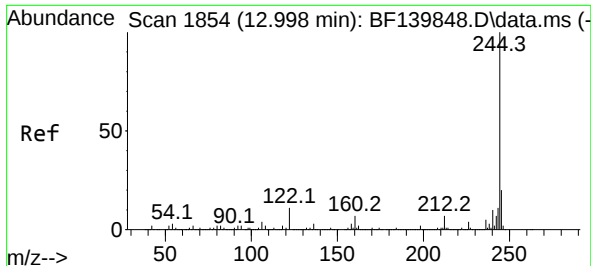
Ion Ratio Lower Upper

240 100

120 9.3 9.4 14.2#

236 26.0 20.9 31.3

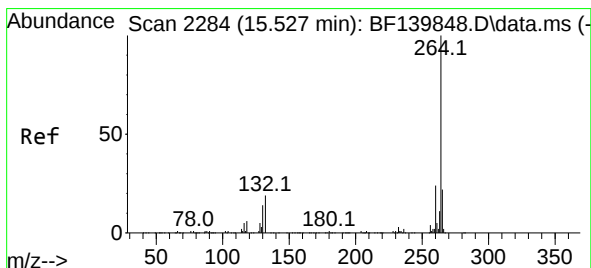
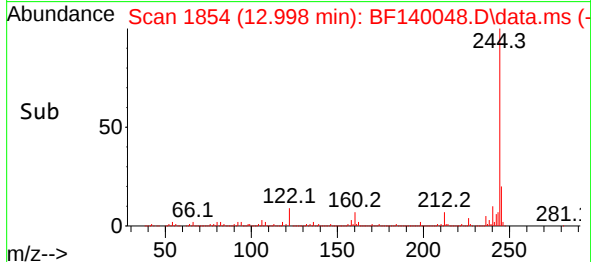
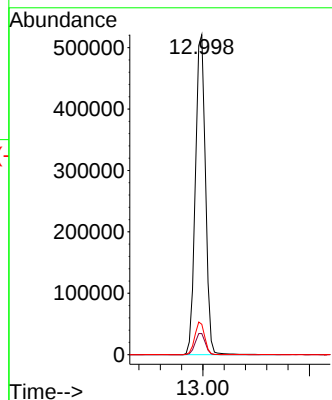
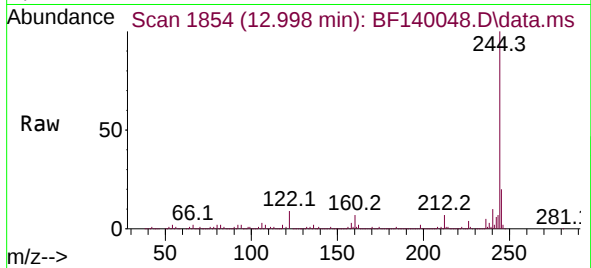




#79
 Terphenyl-d14
 Concen: 59.578 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140048.D
 Acq: 25 Oct 2024 20:14

Instrument :
 BNA_F
 ClientSampleId :
 S.JEFFERSON-CO-2

Tgt Ion:244 Resp: 684456
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 9.5 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: BF140048.D
 Acq: 25 Oct 2024 20:14

Tgt Ion:264 Resp: 148551
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.0 17.4 26.0

