

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)

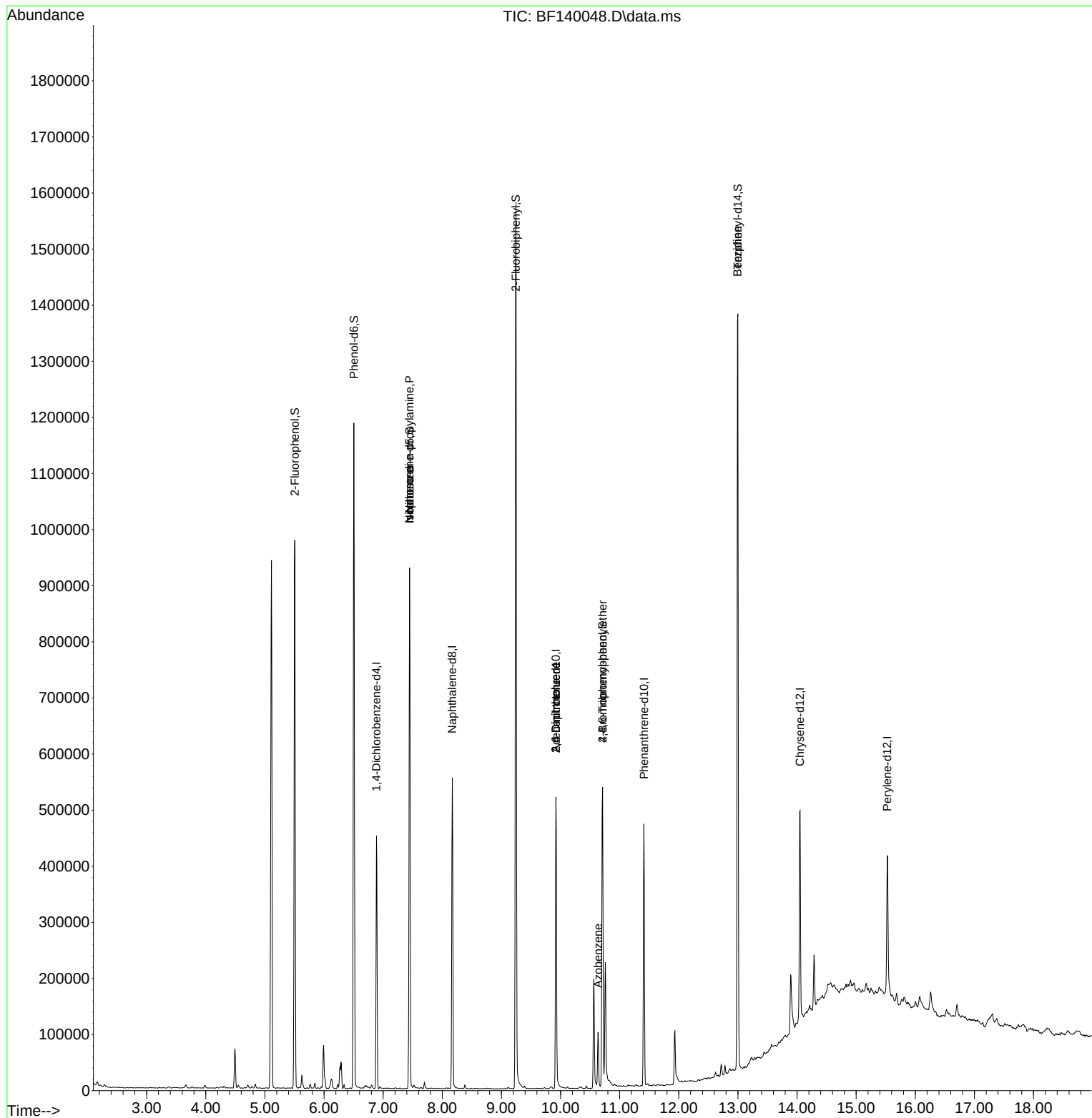
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	89837	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	327168	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	155637	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	239690	20.000	ng	0.00
76) Chrysene-d12	14.051	240	187201	20.000	ng	# 0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.445	70	53894	11.956	ng	# 77
25) Isophorone	7.445	82	393694	35.139	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	20463	9.749	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	20463	7.928	ng	# 21
63) Azobenzene	10.633	77	23717	2.350	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	5721	2.317	ng	# 1
77) Benzidine	12.992	184	8863	2.879	ng	# 90

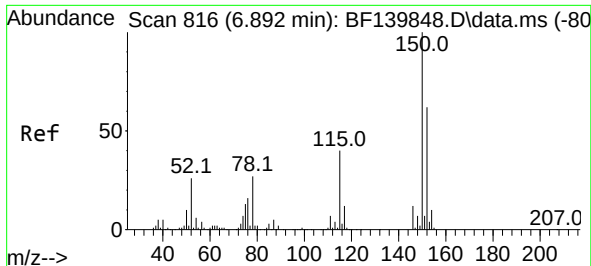
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
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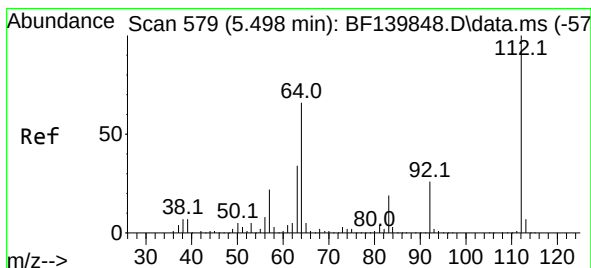
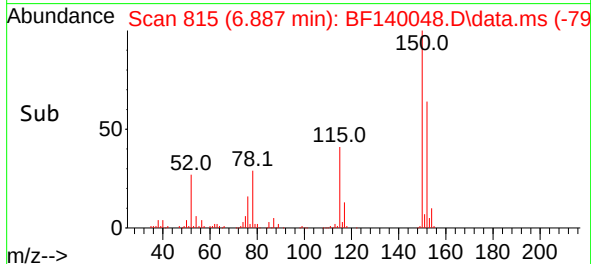
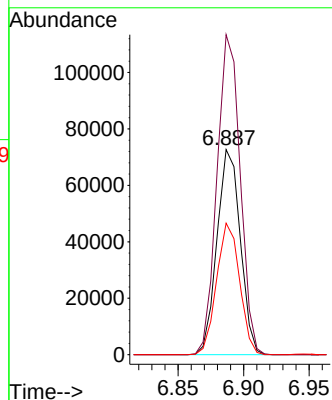
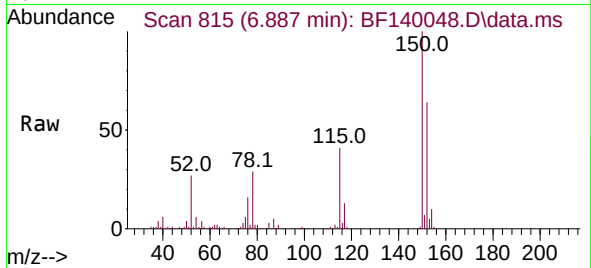




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

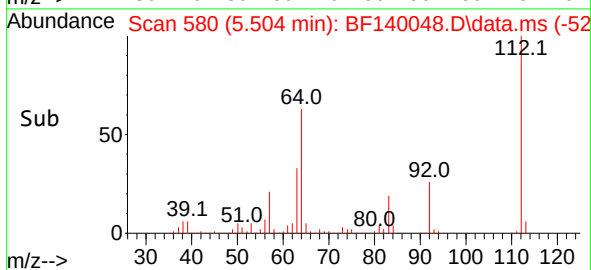
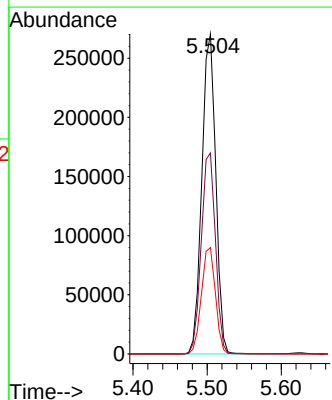
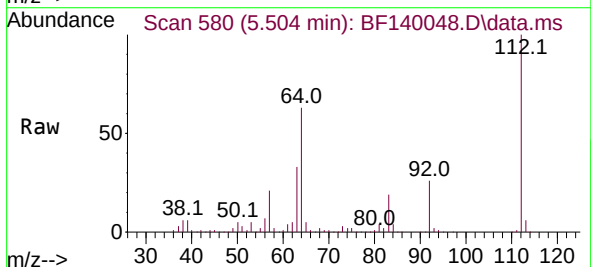
Instrument :
BNA_F
ClientSampleId :
S.JEFFERSON-CO-2

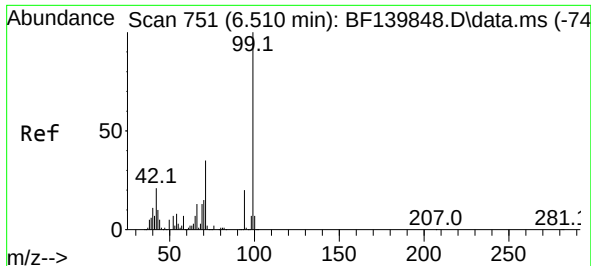
Tgt Ion:152 Resp: 89837
Ion Ratio Lower Upper
152 100
150 156.0 130.2 195.2
115 64.1 51.4 77.2



#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

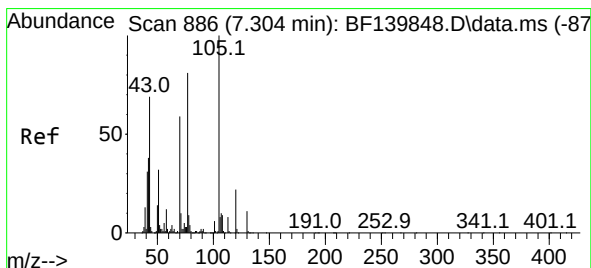
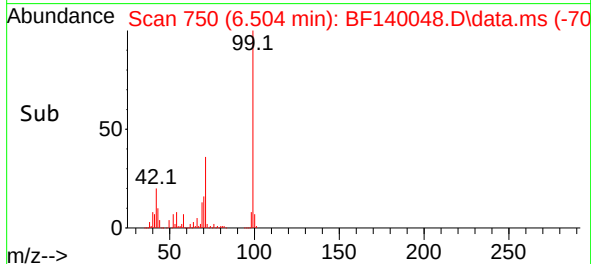
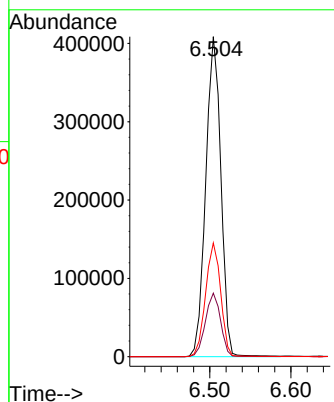
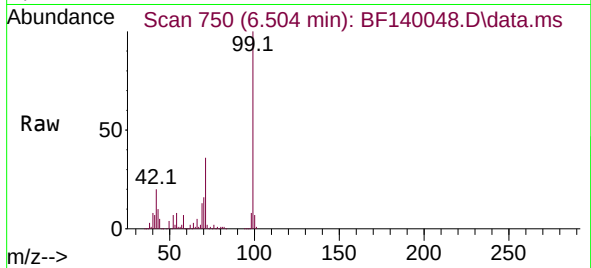




#7
Phenol-d6
Concen: 71.069 ng
RT: 6.504 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

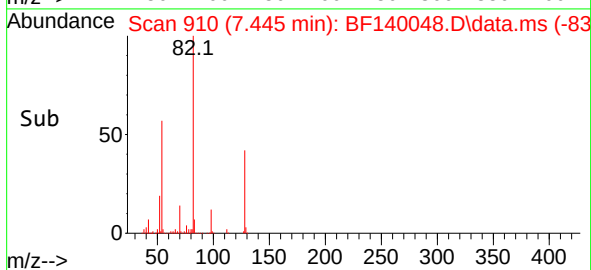
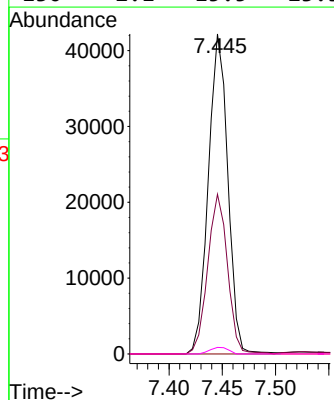
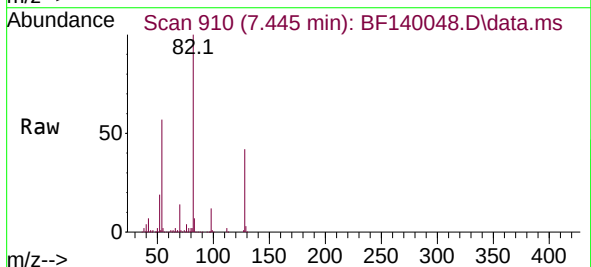
Instrument :
BNA_F
ClientSampleId :
S.JEFFERSON-CO-2

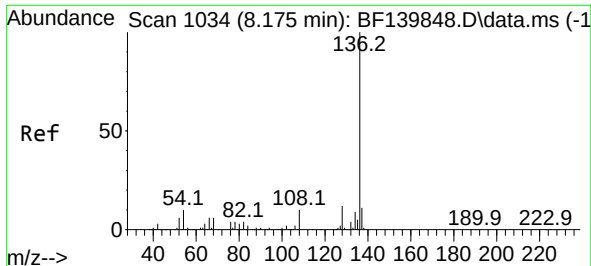
Tgt Ion: 99 Resp: 528214
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 35.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.956 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

Tgt Ion: 70 Resp: 53894
Ion Ratio Lower Upper
70 100
42 49.9 51.5 77.3#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#

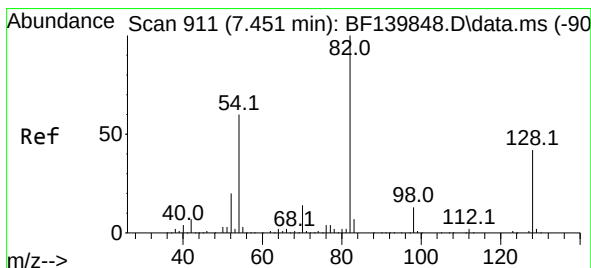
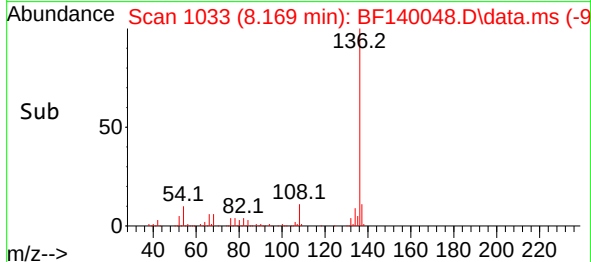
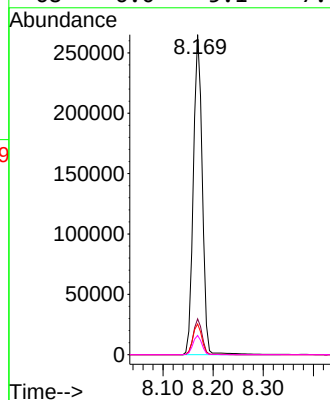
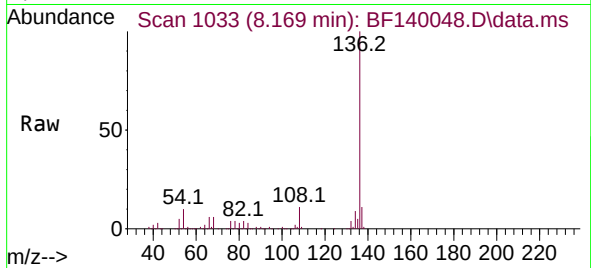




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

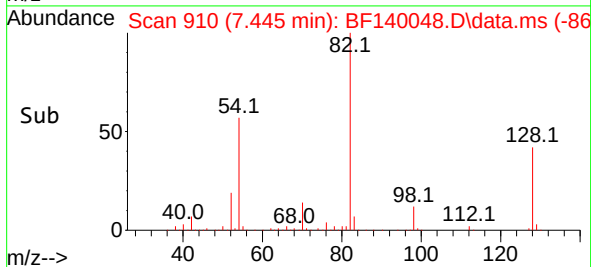
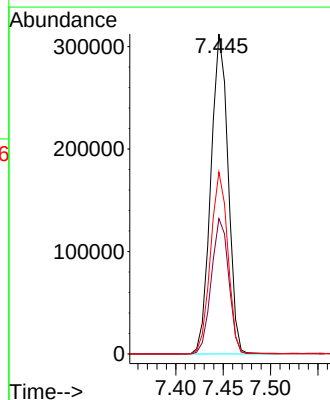
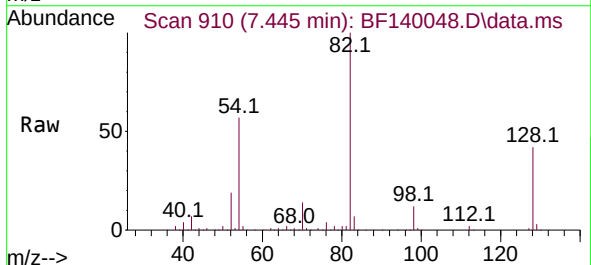
Instrument :
BNA_F
ClientSampleId :
S.JEFFERSON-CO-2

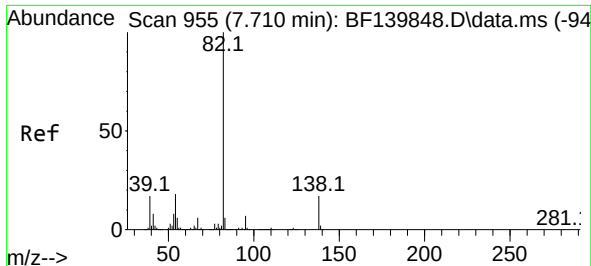
Tgt Ion:136 Resp: 327168
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.6 8.4 12.6
68 6.0 5.1 7.7



#23
Nitrobenzene-d5
Concen: 67.115 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

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

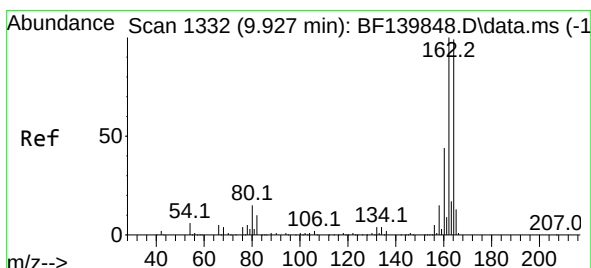
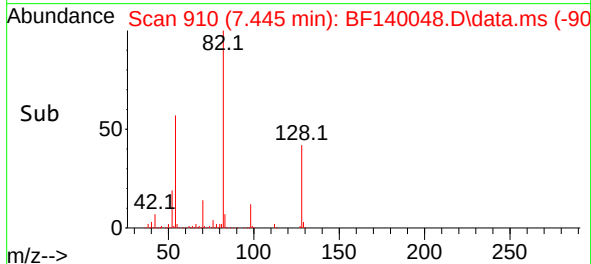
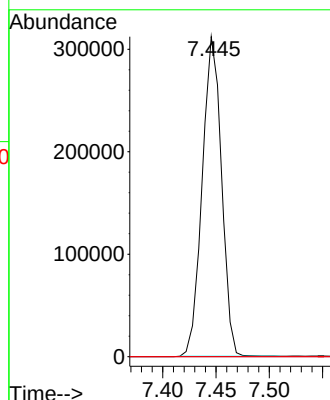
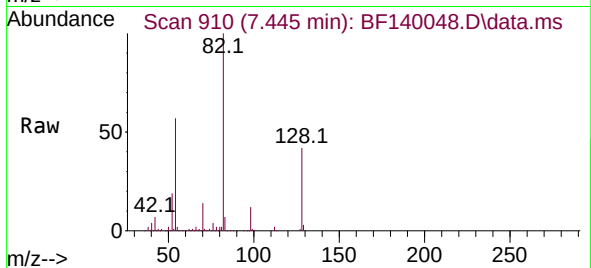




#25
Isophorone
Concen: 35.139 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

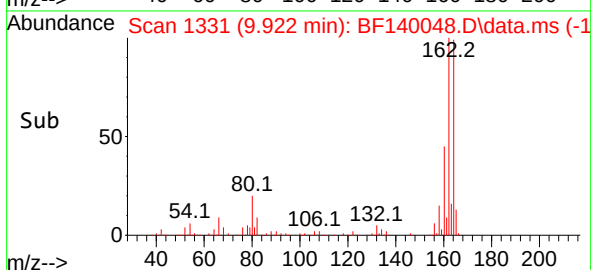
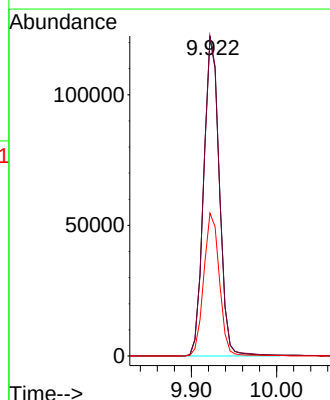
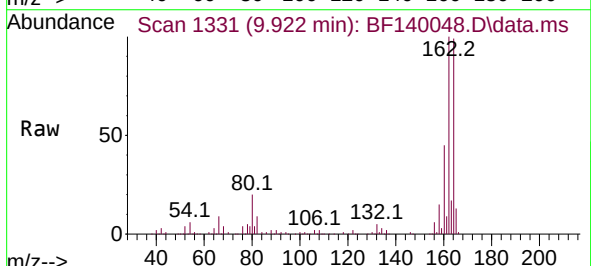
Instrument :
BNA_F
ClientSampleId :
S.JEFFERSON-CO-2

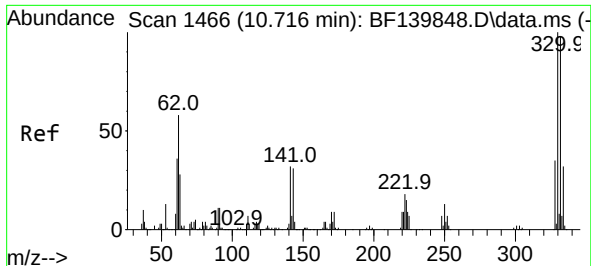
Tgt Ion: 82 Resp: 393694
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#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

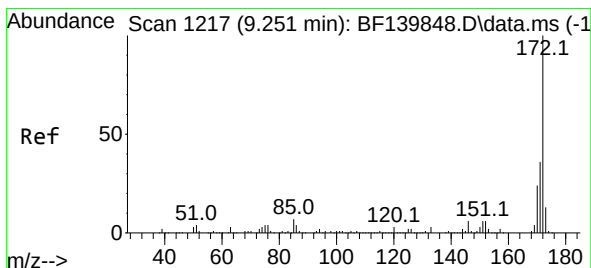
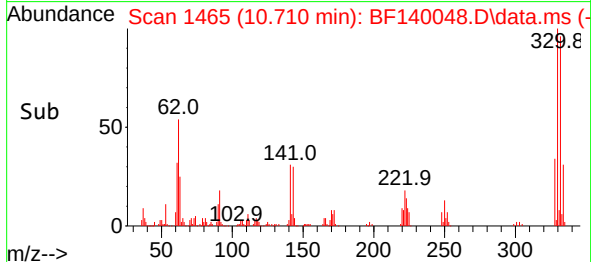
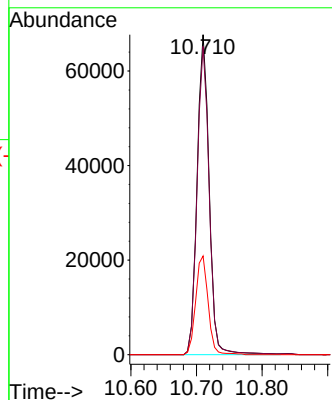
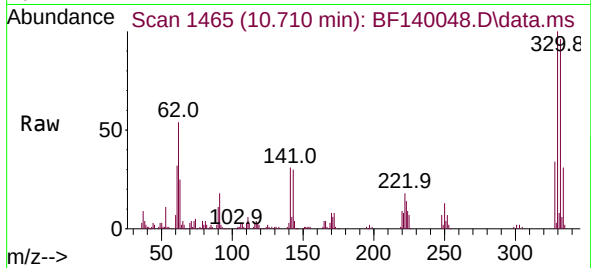




#42
2,4,6-Tribromophenol
Concen: 59.544 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

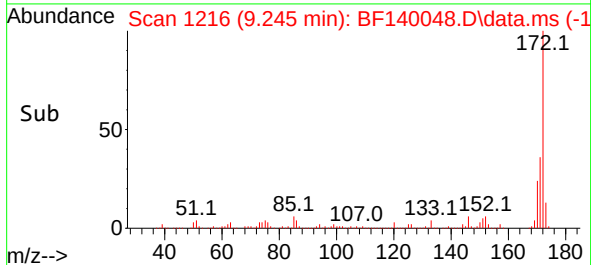
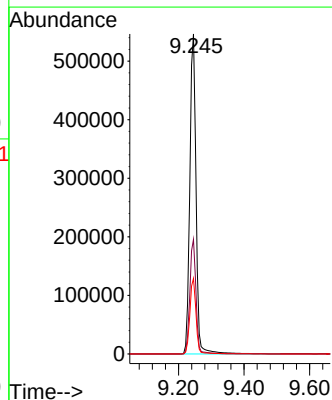
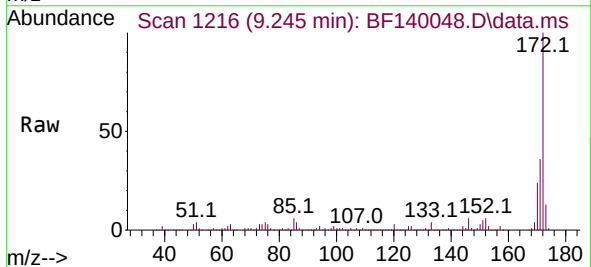
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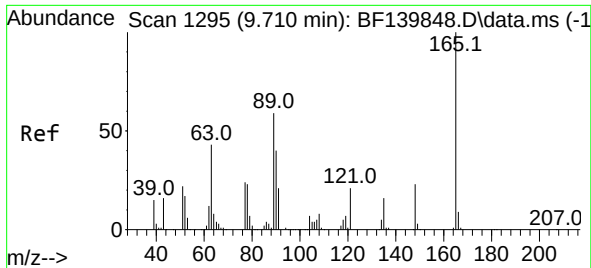
Tgt Ion:330 Resp: 86683
Ion Ratio Lower Upper
330 100
332 97.0 78.1 117.1
141 31.8 26.6 39.8



#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

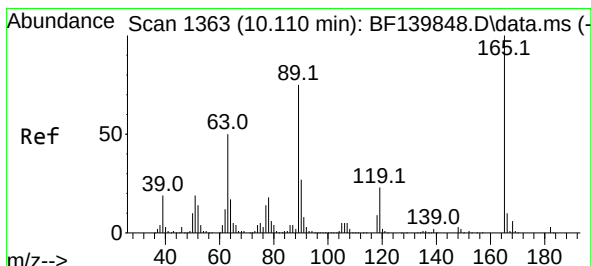
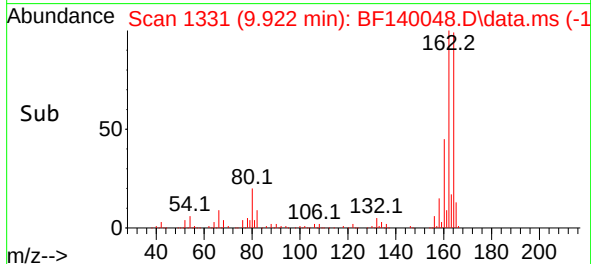
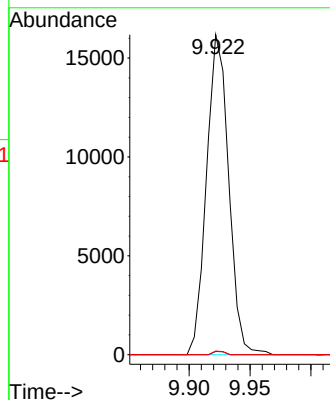
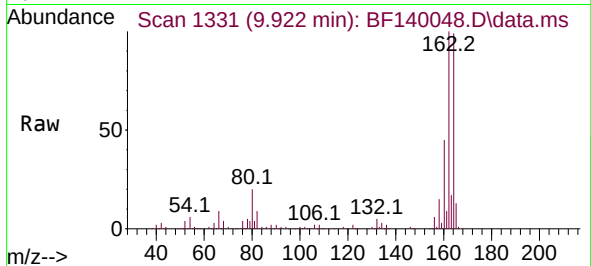




#51
2,6-Dinitrotoluene
Concen: 9.749 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

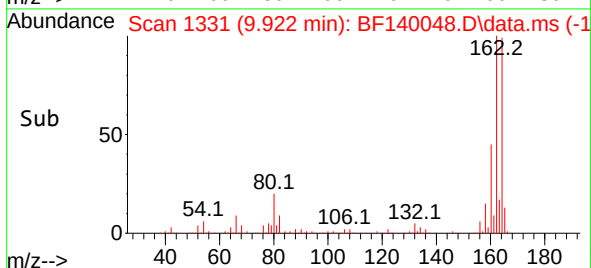
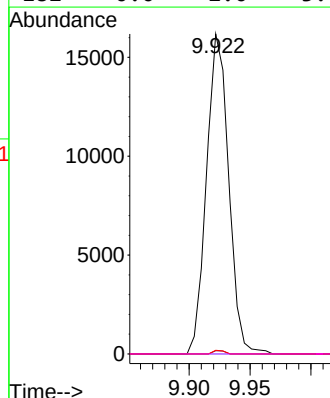
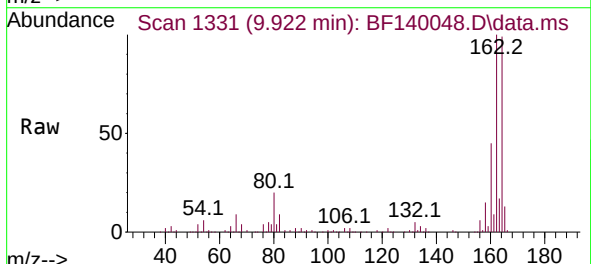
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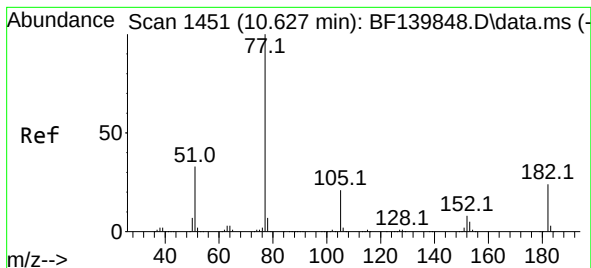
Tgt Ion:165 Resp: 20463
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.928 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

Tgt Ion:165 Resp: 20463
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.350 ng

RT: 10.633 min Scan# 1451

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: 77 Resp: 23717

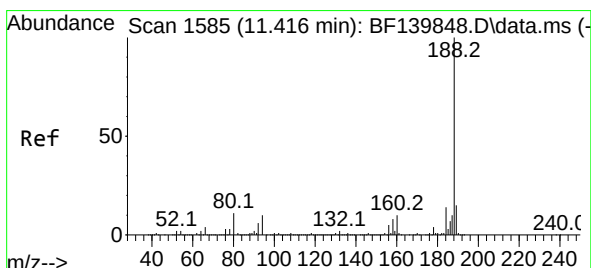
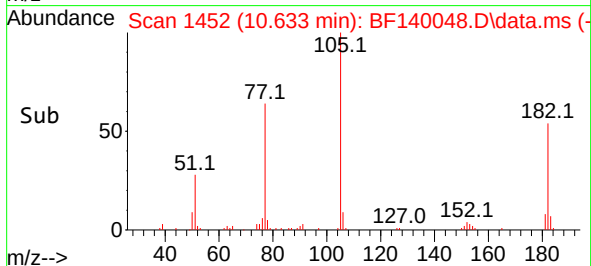
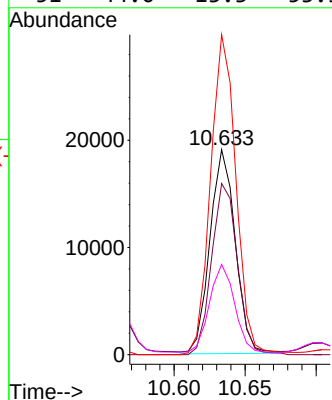
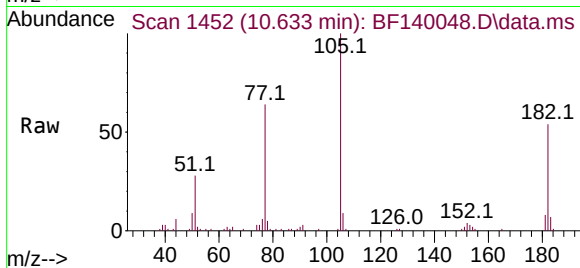
Ion Ratio Lower Upper

77 100

182 83.5 3.3 43.3#

105 156.2 1.2 41.2#

51 44.0 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140048.D

Acq: 25 Oct 2024 20:14

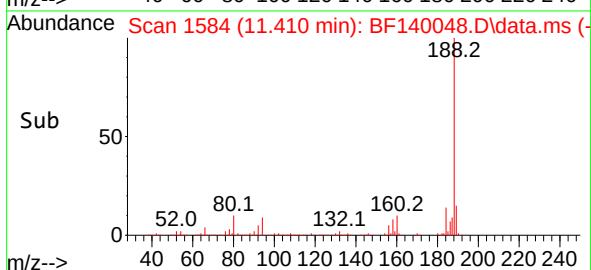
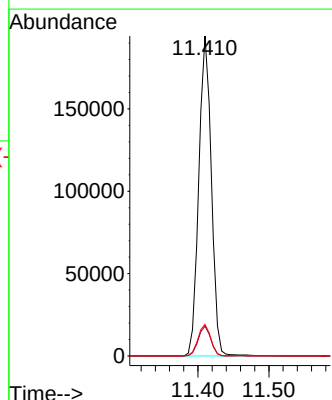
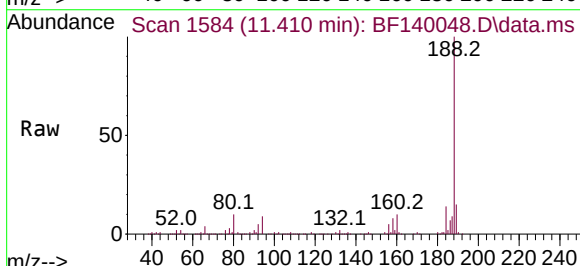
Tgt Ion:188 Resp: 239690

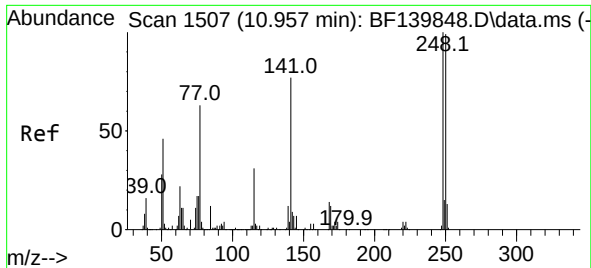
Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 9.9 9.0 13.4

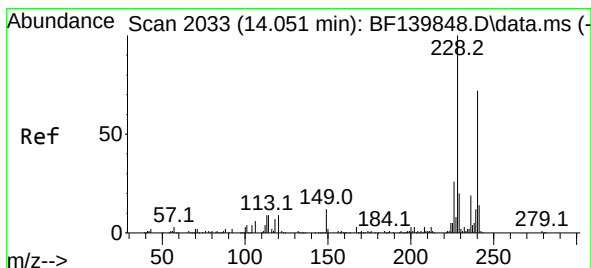
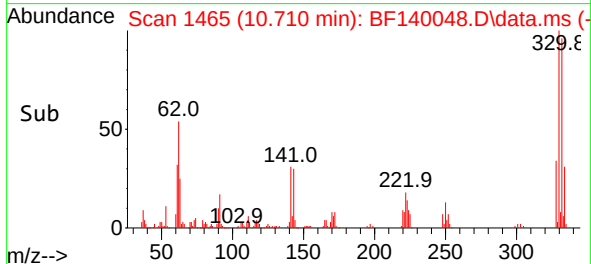
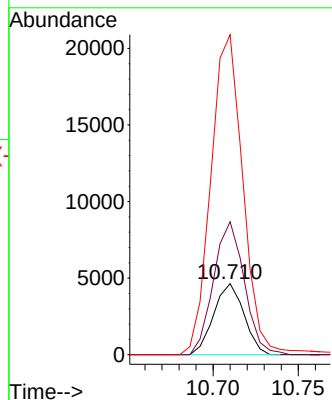
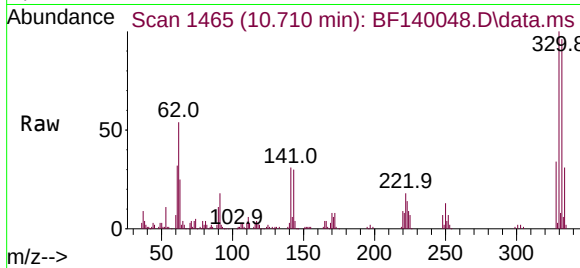




#67
4-Bromophenyl-phenylether
Concen: 2.317 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

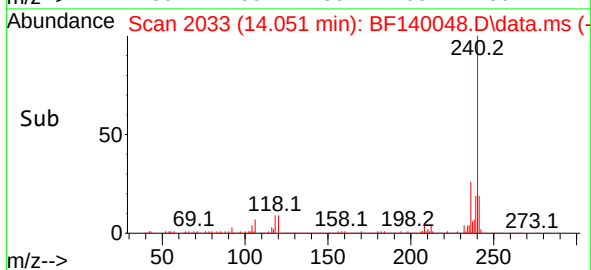
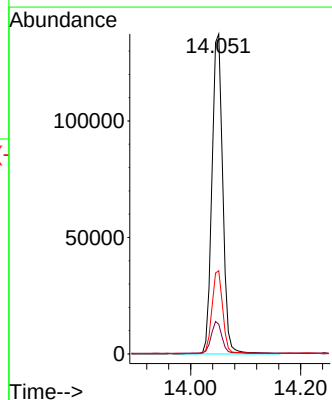
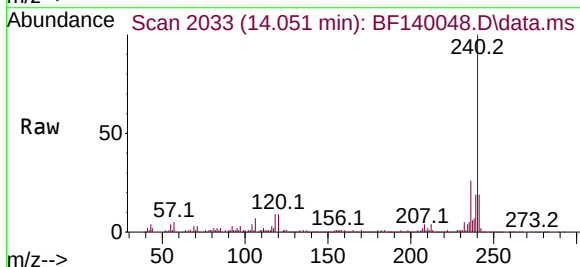
Instrument :
BNA_F
ClientSampleId :
S.JEFFERSON-CO-2

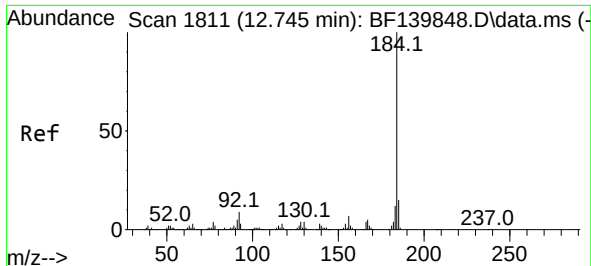
Tgt Ion:248 Resp: 5721
Ion Ratio Lower Upper
248 100
250 186.9 79.0 118.6#
141 450.2 61.7 92.5#



#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

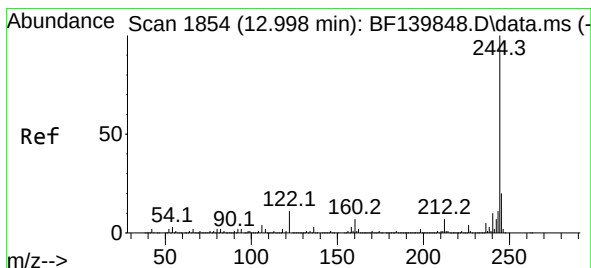
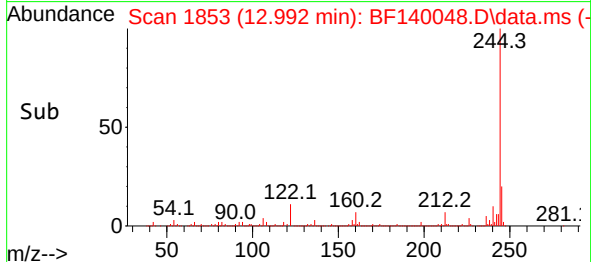
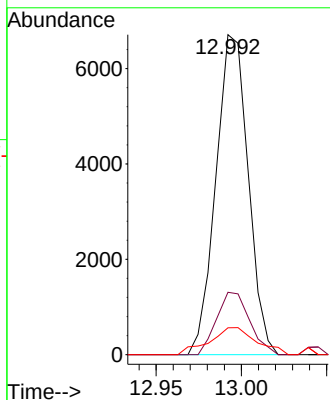
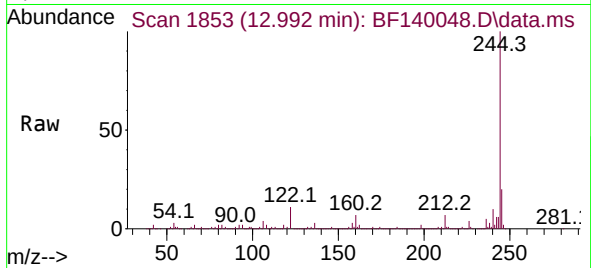




#77
Benzidine
Concen: 2.879 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF140048.D
Acq: 25 Oct 2024 20:14

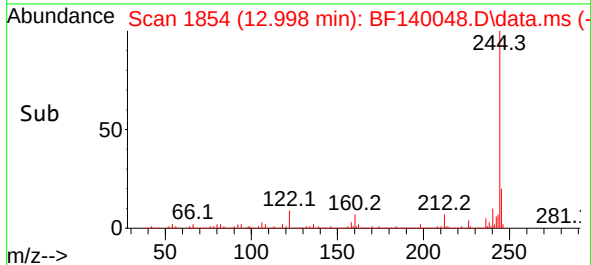
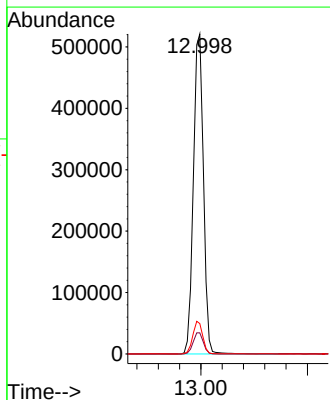
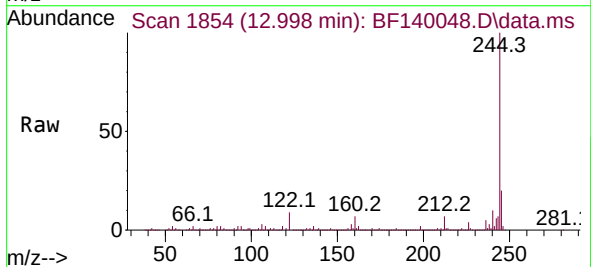
Instrument :
BNA_F
ClientSampleId :
S.JEFFERSON-CO-2

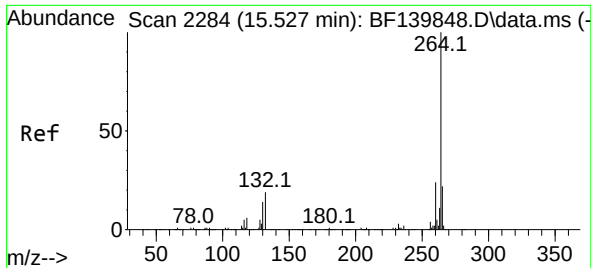
Tgt Ion:184 Resp: 8863
Ion Ratio Lower Upper
184 100
185 19.5 12.0 18.0#
183 8.4 9.4 14.2#



#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

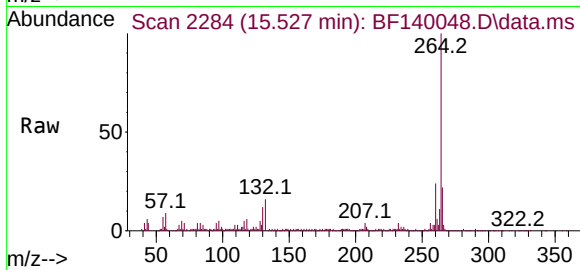
Tgt Ion:244 Resp: 684456
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 9.5 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
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:264	Resp:	148551
Ion	Ratio	Lower Upper
264	100	
260	24.0	19.4 29.2
265	22.0	17.4 26.0

