

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)

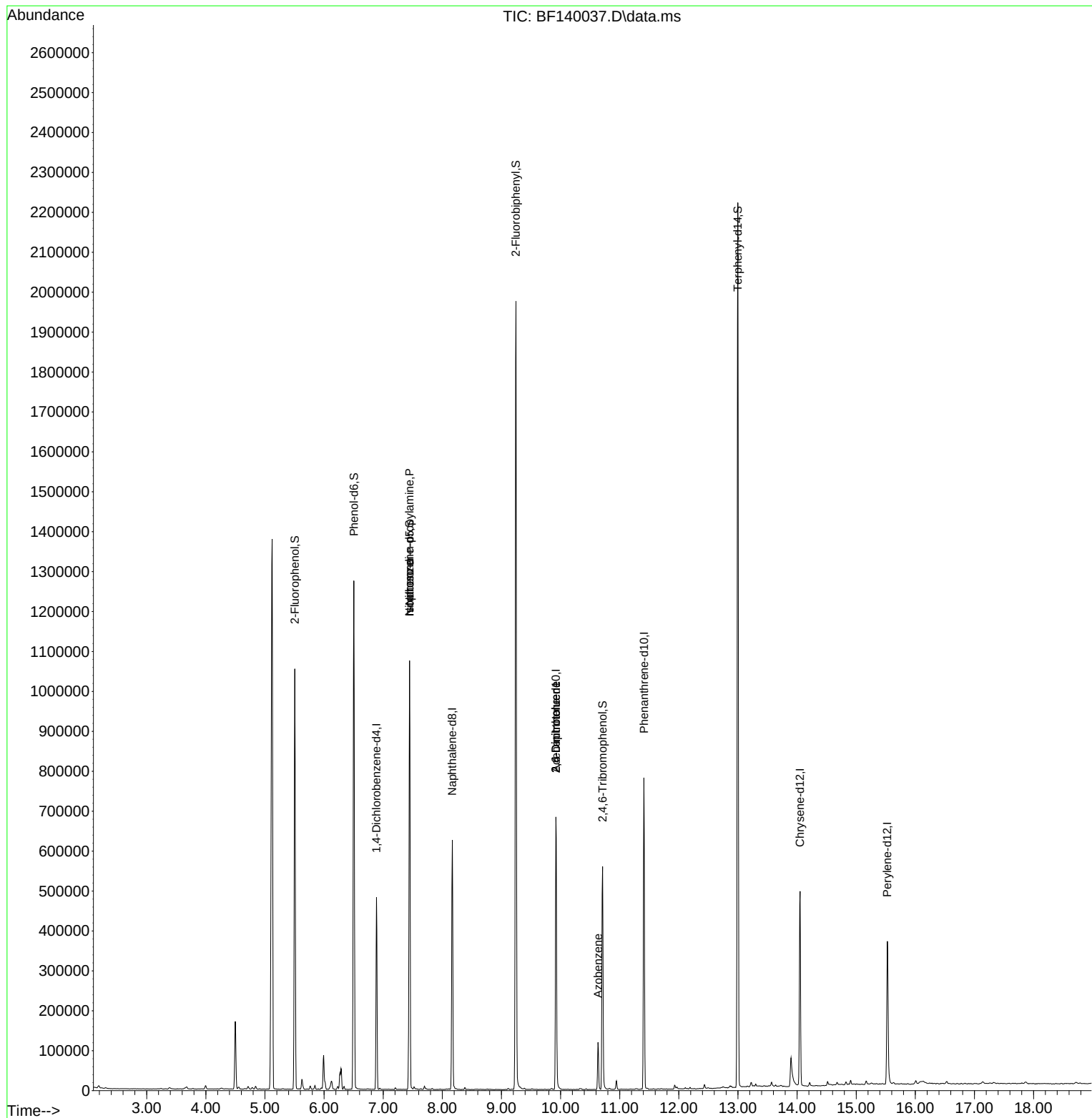
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	94205	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	371188	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	213232	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	409743	20.000	ng	0.00
76) Chrysene-d12	14.051	240	236507	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.445	70	64516	13.649	ng	Qvalue # 77
25) Isophorone	7.445	82	467334	36.765	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	27503	9.564	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	27559	7.793	ng	# 21
63) Azobenzene	10.633	77	30923	2.237	ng	# 1

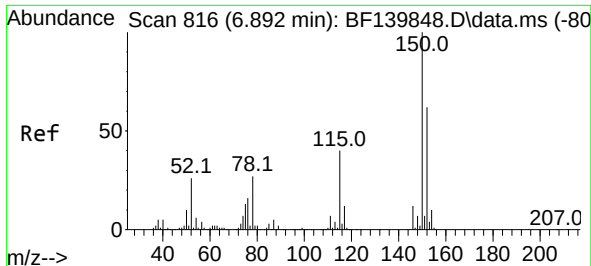
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

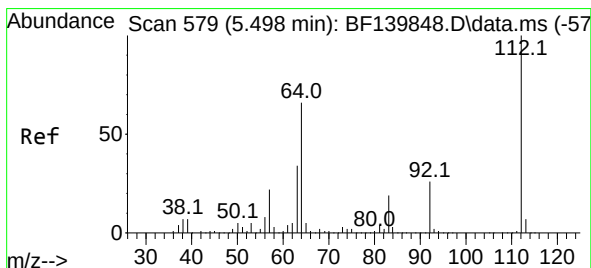
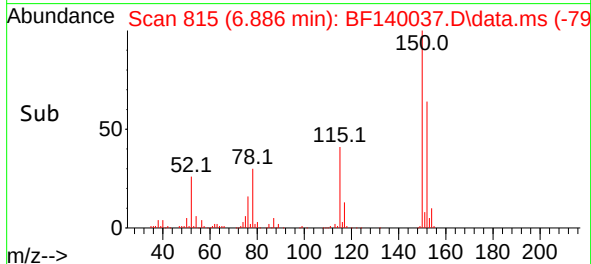
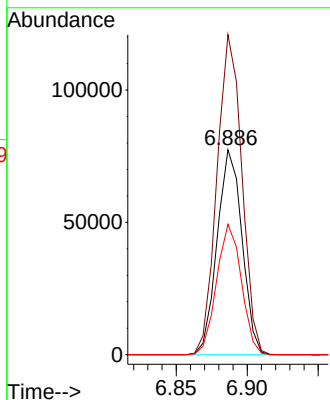
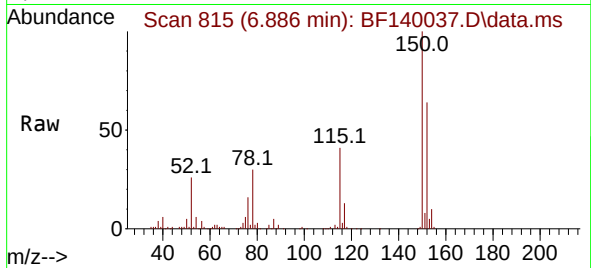




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

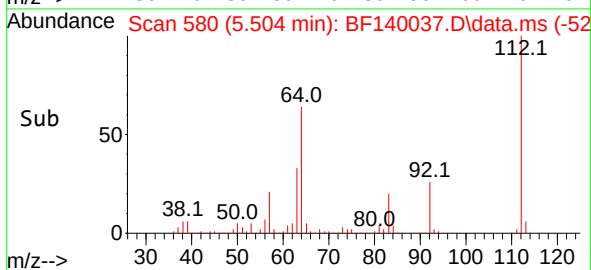
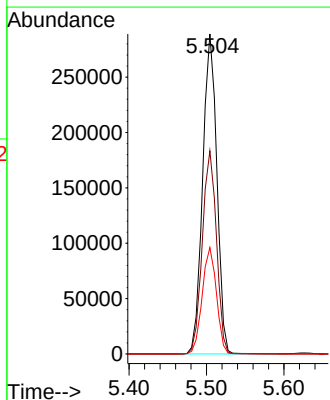
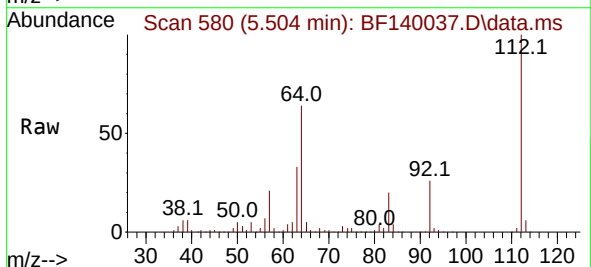
Instrument :
BNA_F
ClientSampleId :
S.JEFFERSON-CO-1

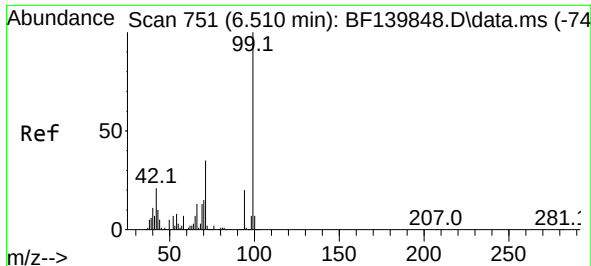
Tgt Ion:152 Resp: 94205
Ion Ratio Lower Upper
152 100
150 156.2 130.2 195.2
115 63.6 51.4 77.2



#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

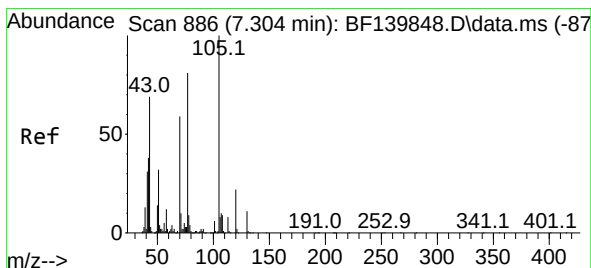
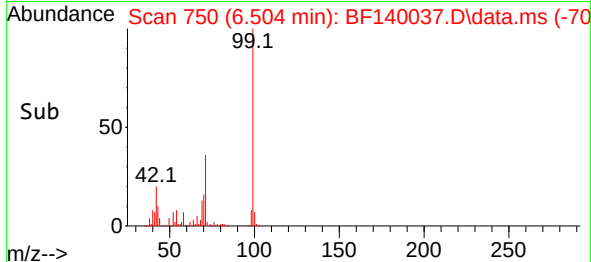
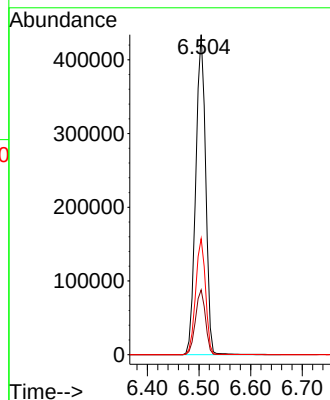
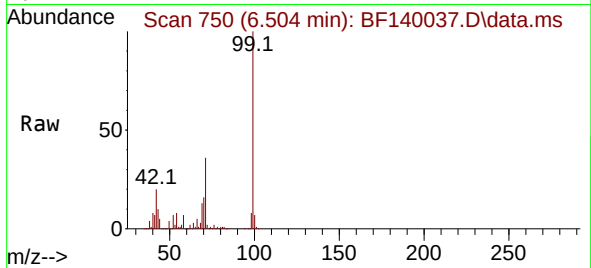




#7
Phenol-d6
Concen: 74.479 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

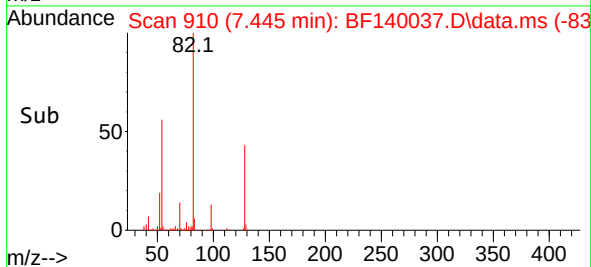
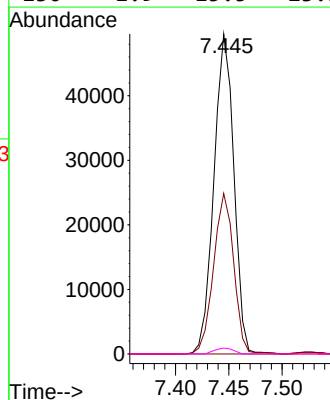
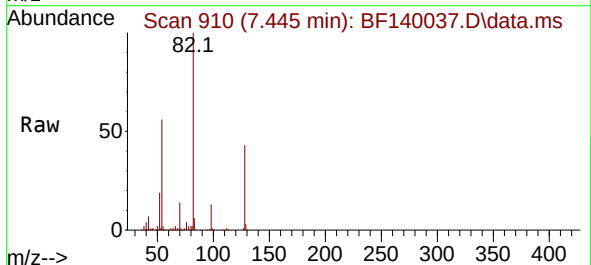
Instrument :
BNA_F
ClientSampleId :
S.JEFFERSON-CO-1

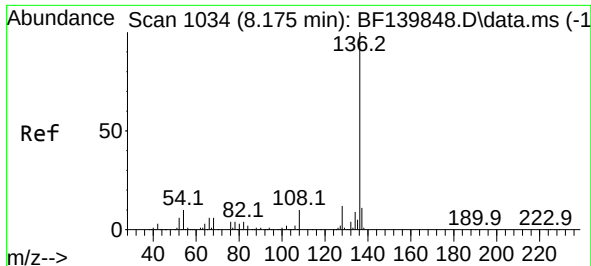
Tgt Ion: 99 Resp: 580472
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 36.3 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.649 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

Tgt Ion: 70 Resp: 64516
Ion Ratio Lower Upper
70 100
42 50.2 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



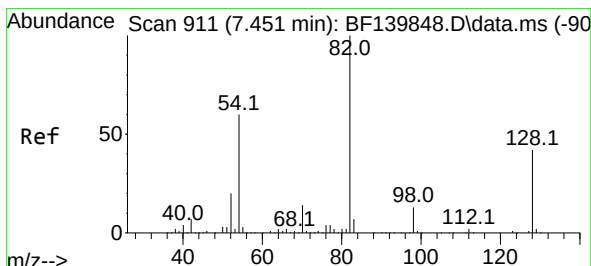
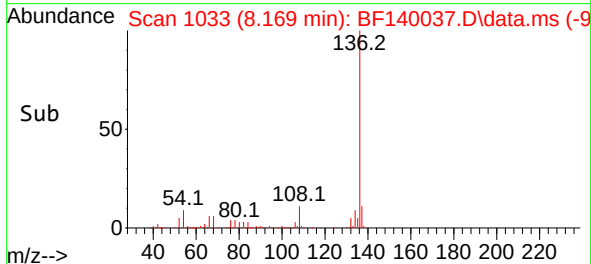
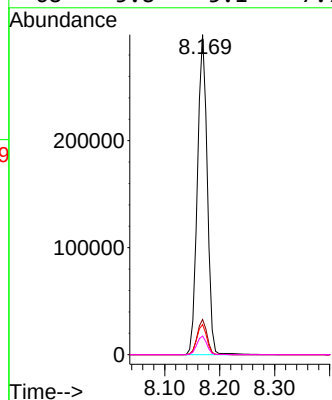
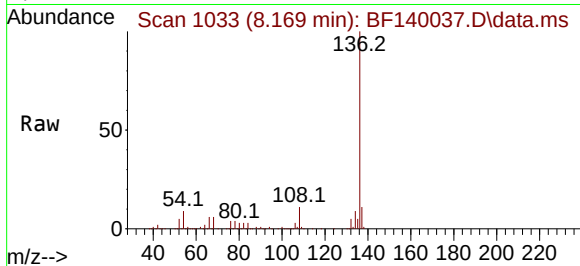


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

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

Tgt Ion:136 Resp: 371188

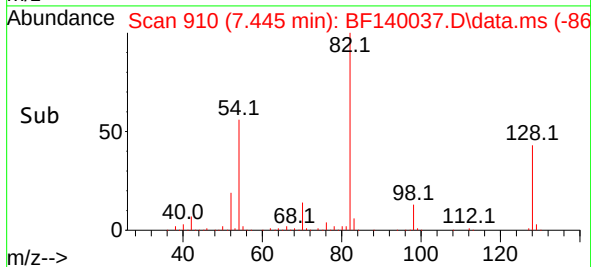
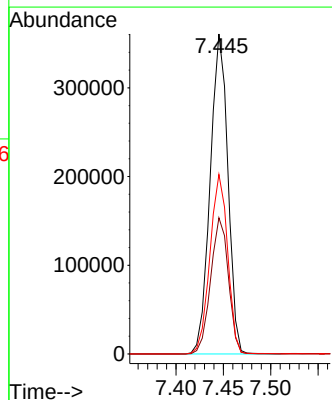
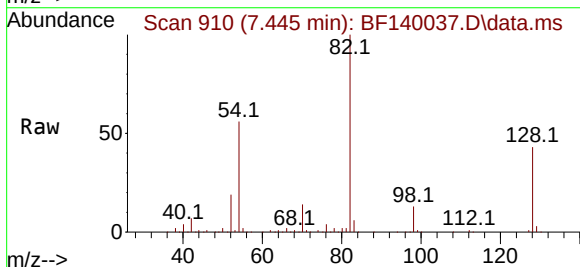
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.4	8.4	12.6
68	5.8	5.1	7.7

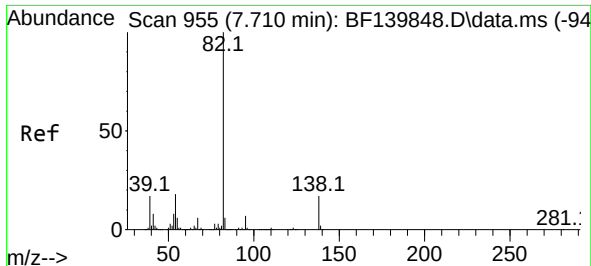


#23
Nitrobenzene-d5
Concen: 70.160 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

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

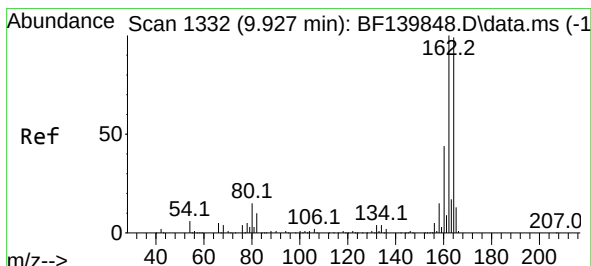
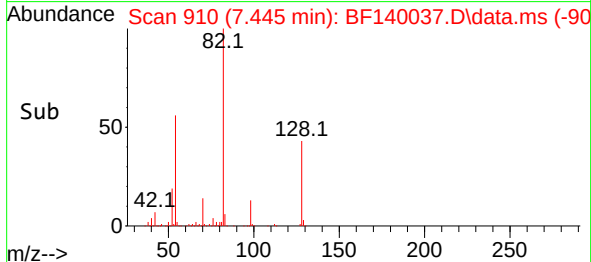
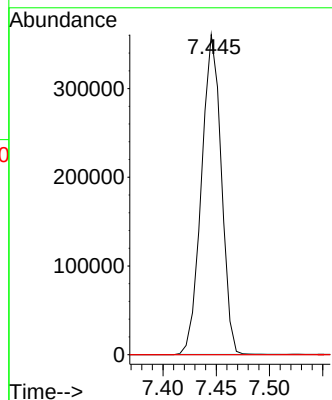
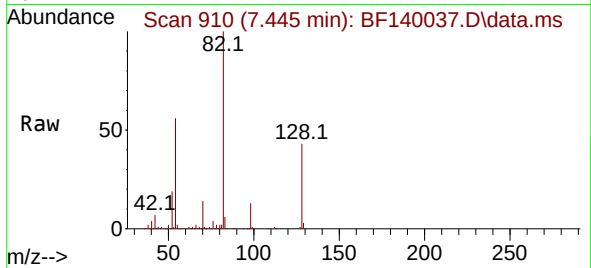




#25
Isophorone
Concen: 36.765 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

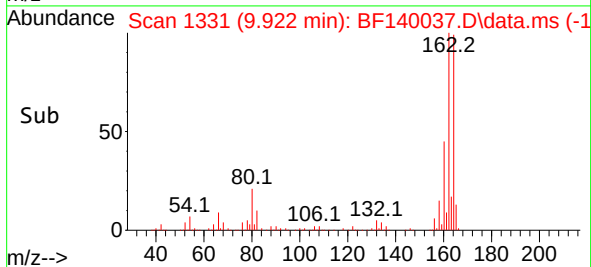
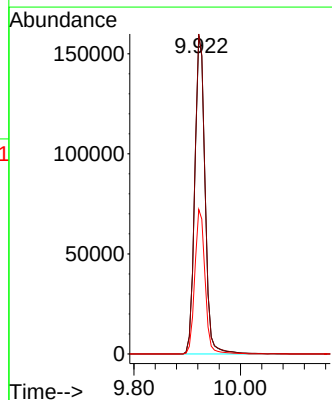
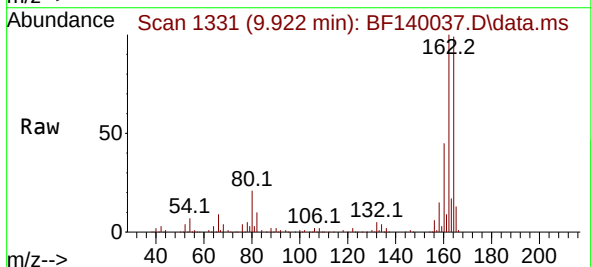
Instrument :
BNA_F
ClientSampleId :
S.JEFFERSON-CO-1

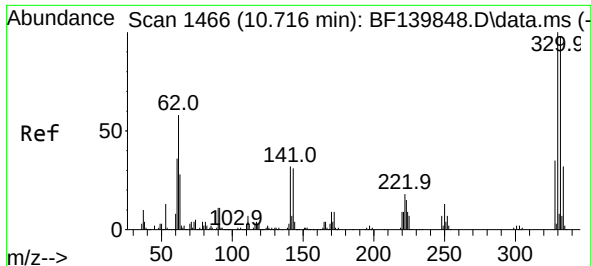
Tgt Ion: 82 Resp: 467334
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

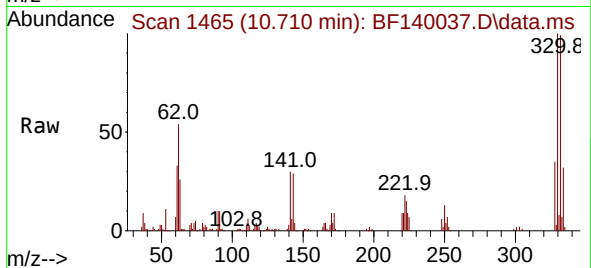
Tgt Ion: 164 Resp: 213232
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 45.5 35.4 53.0



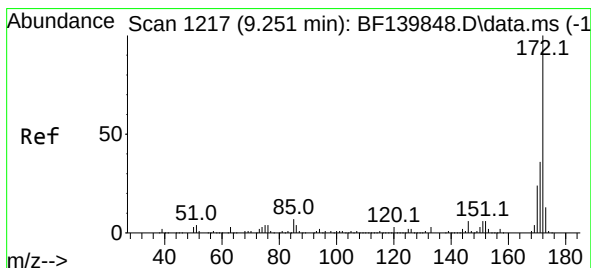
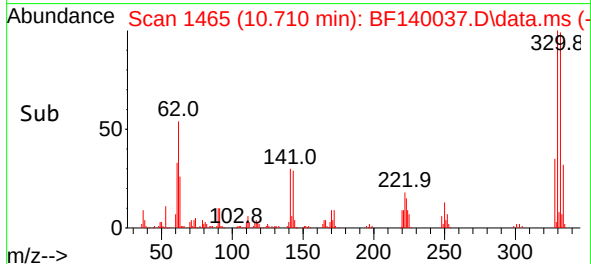
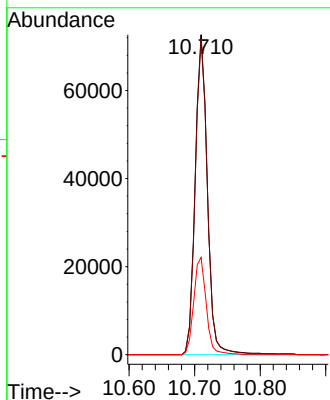


#42
2,4,6-Tribromophenol
Concen: 47.434 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

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

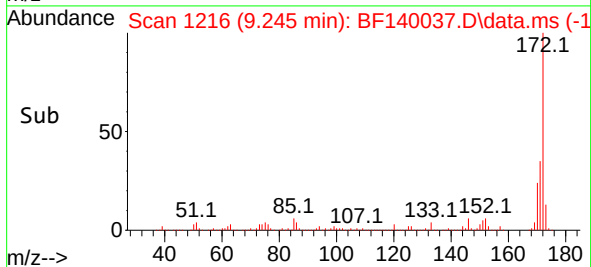
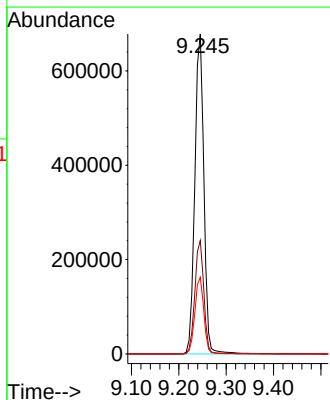
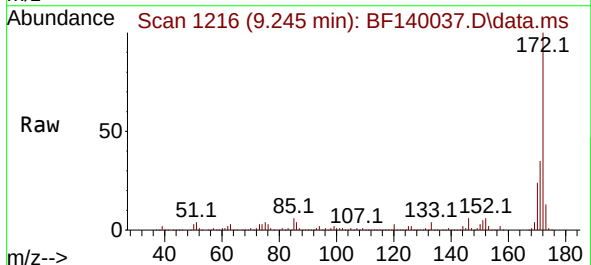


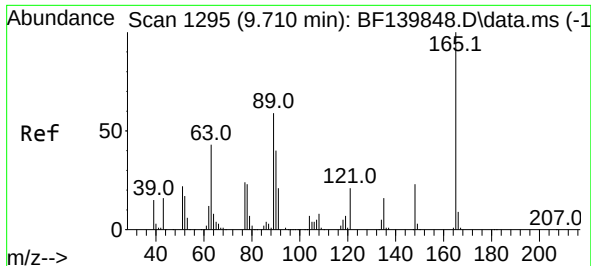
Tgt Ion:330 Resp: 94608
Ion Ratio Lower Upper
330 100
332 98.8 78.1 117.1
141 31.0 26.6 39.8



#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

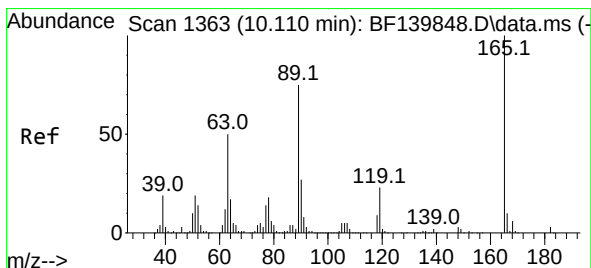
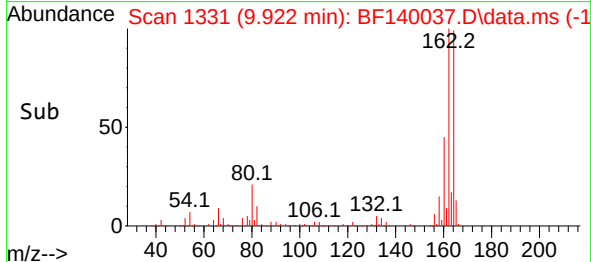
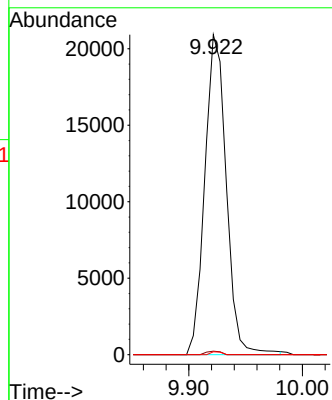
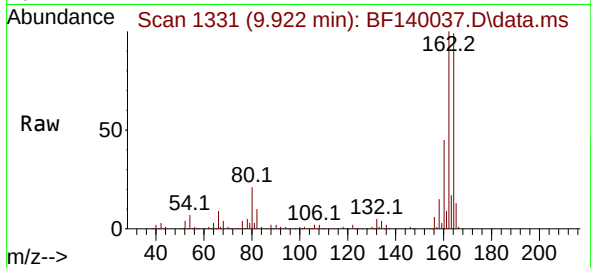




#51
2,6-Dinitrotoluene
Concen: 9.564 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

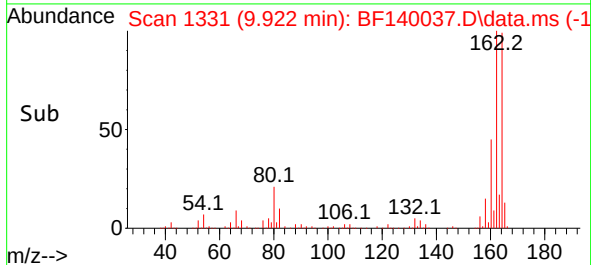
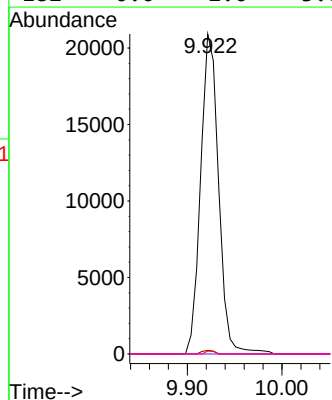
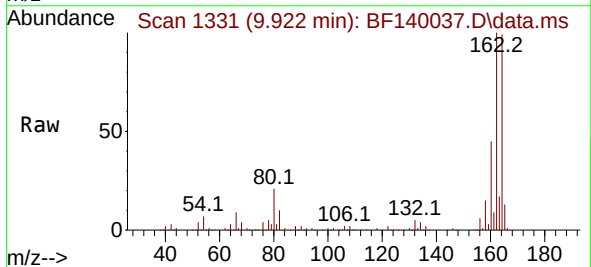
Instrument :
BNA_F
ClientSampleId :
S.JEFFERSON-CO-1

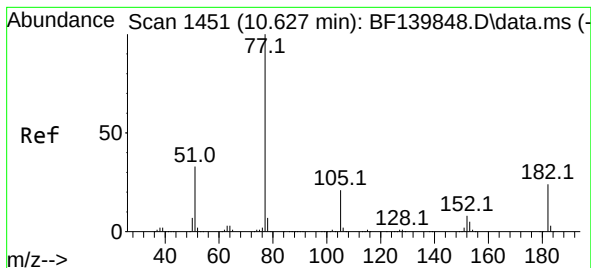
Tgt Ion:165 Resp: 27503
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 0.9 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.793 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140037.D
Acq: 25 Oct 2024 15:04

Tgt Ion:165 Resp: 27559
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 0.9 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.237 ng

RT: 10.633 min Scan# 1451

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: 77 Resp: 30923

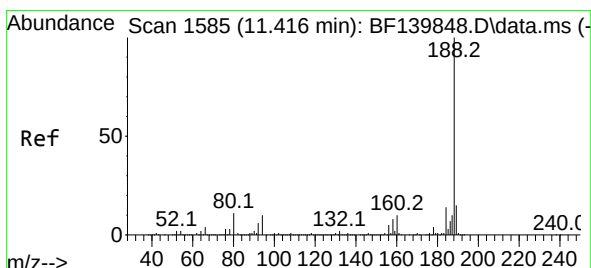
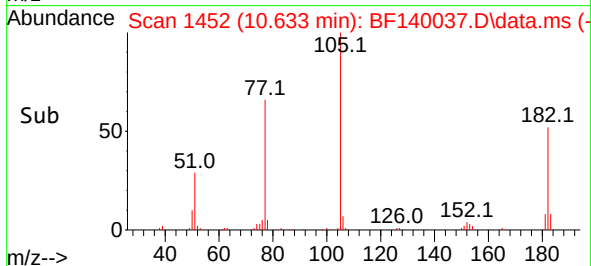
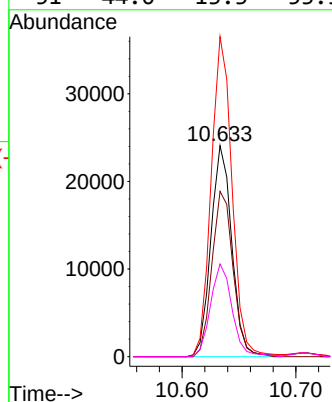
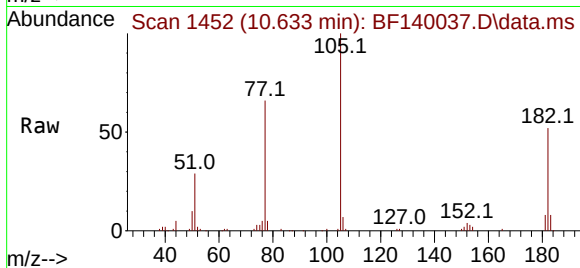
Ion Ratio Lower Upper

77 100

182 78.3 3.3 43.3#

105 151.6 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: BF140037.D

Acq: 25 Oct 2024 15:04

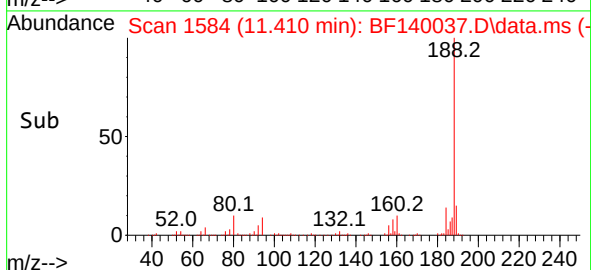
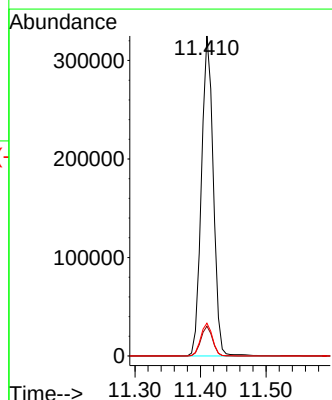
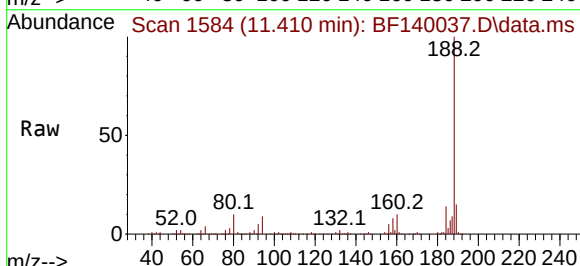
Tgt Ion: 188 Resp: 409743

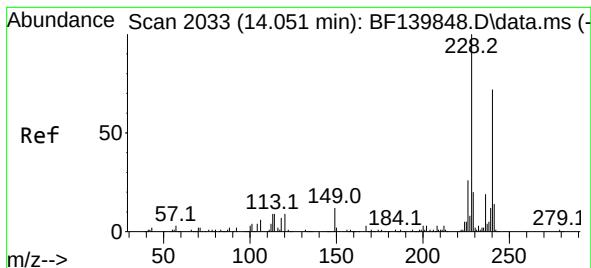
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

S.JEFFERSON-CO-1

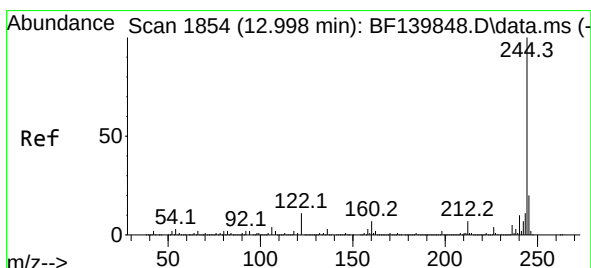
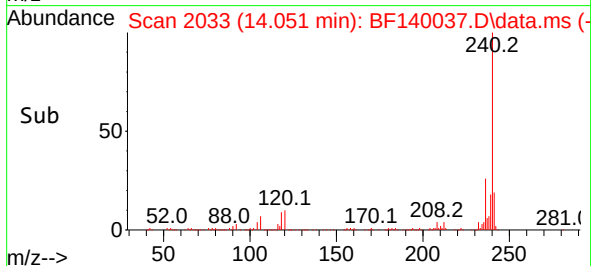
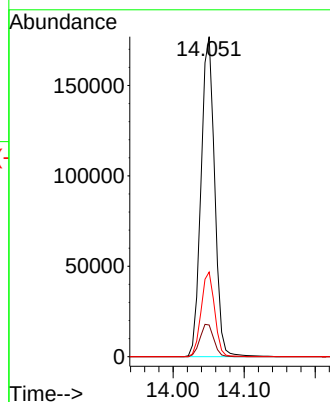
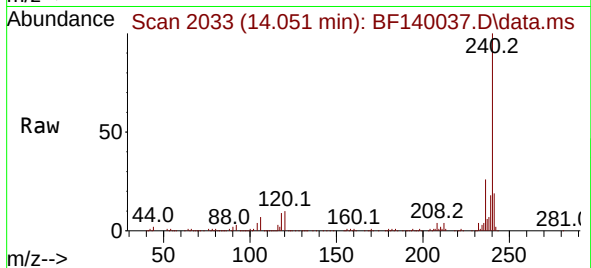
Tgt Ion:240 Resp: 236507

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# 1854

Delta R.T. 0.000 min

Lab File: BF140037.D

Acq: 25 Oct 2024 15:04

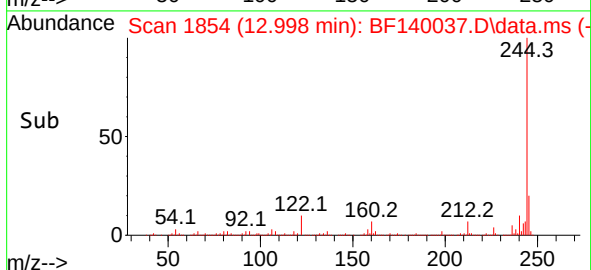
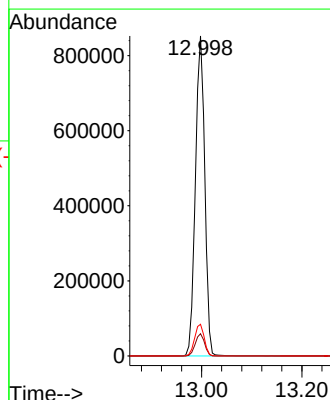
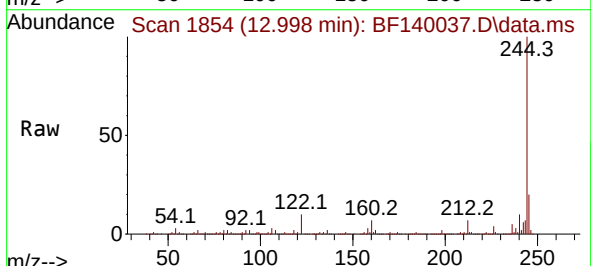
Tgt Ion:244 Resp: 1102089

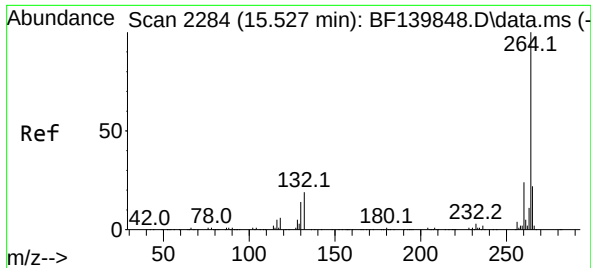
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

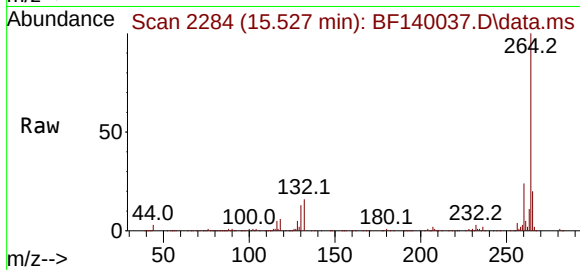
122 9.9 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140037.D
 Acq: 25 Oct 2024 15:04

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



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

