

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141367.D
 Acq On : 03 Feb 2025 14:08
 Operator : RC/JU
 Sample : Q1194-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB

Quant Time: Feb 03 14:36:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

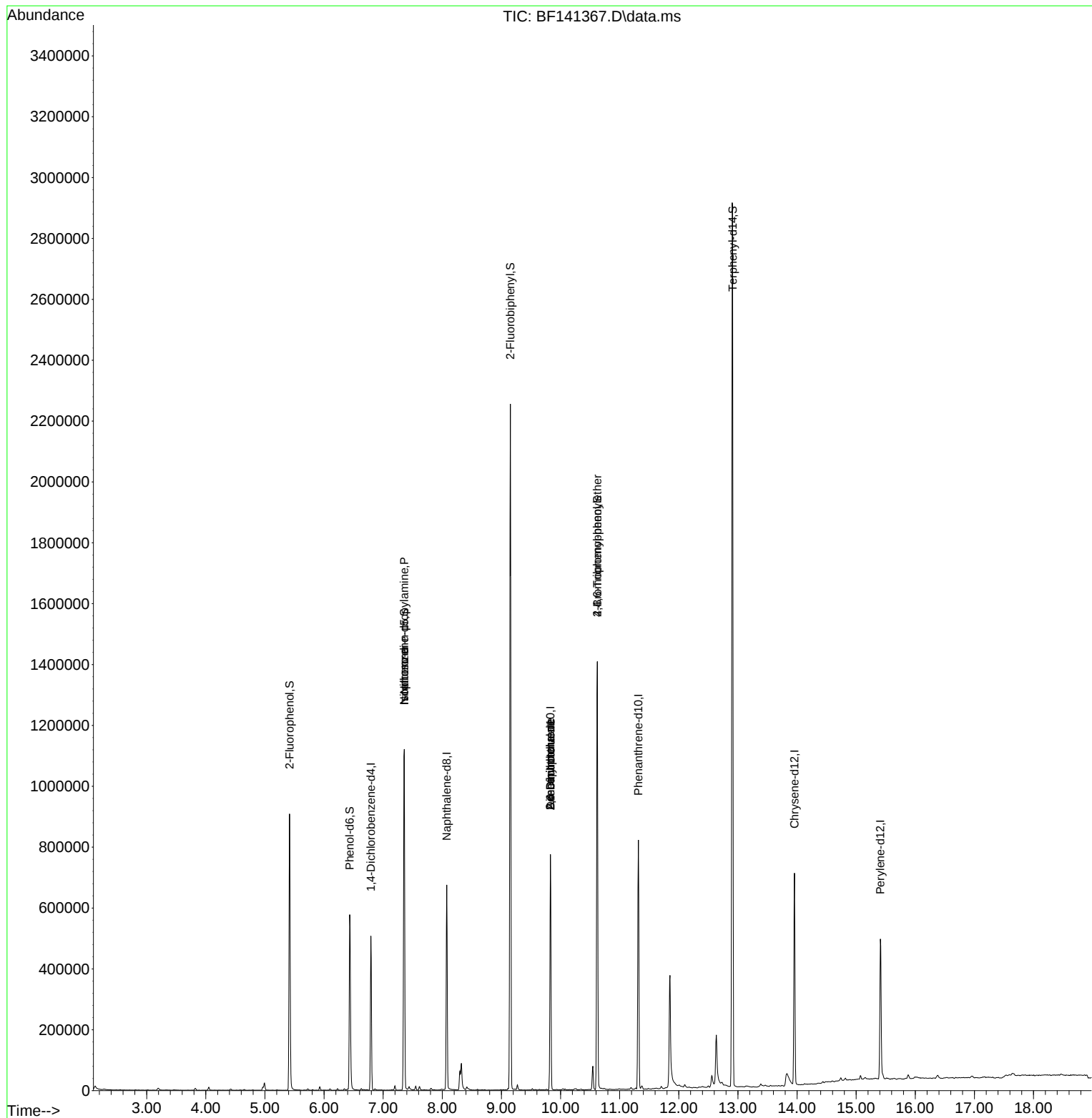
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	101266	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	409757	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	228085	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	407498	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	332056	20.000	ng	-0.02
86) Perylene-d12	15.410	264	264824	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	336523	51.017	ng	0.00
7) Phenol-d6	6.434	99	279381	33.294	ng	0.00
23) Nitrobenzene-d5	7.357	82	500491	64.390	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	221354	105.860	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	971685	65.572	ng	-0.01
79) Terphenyl-d14	12.910	244	1509500	70.107	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	67524	13.542	ng	# 76
25) Isophorone	7.357	82	496530	36.955	ng	# 64
50) Dimethylphthalate	9.828	163	31858	2.068	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	29938	8.370	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	29938	6.465	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	15982	3.503	ng	# 1

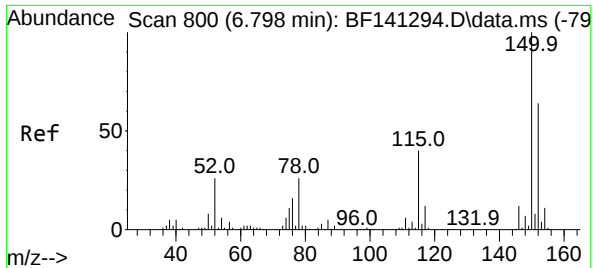
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141367.D
Acq On : 03 Feb 2025 14:08
Operator : RC/JU
Sample : Q1194-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB

Quant Time: Feb 03 14:36:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

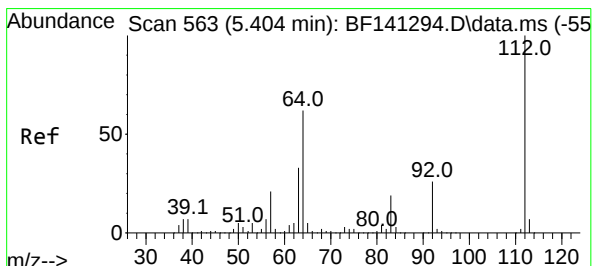
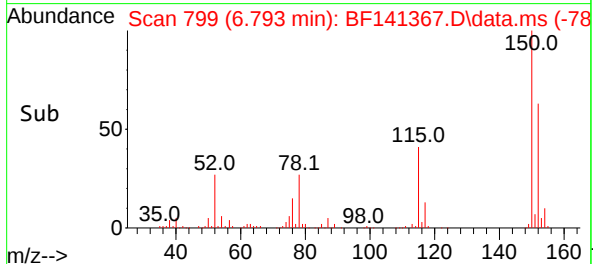
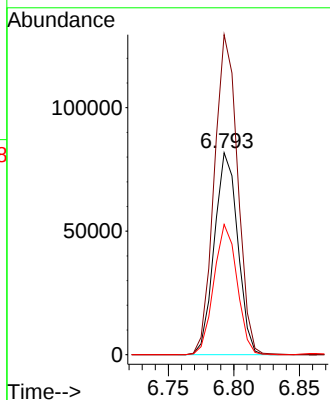
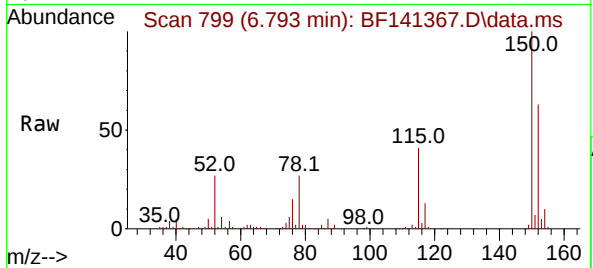




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

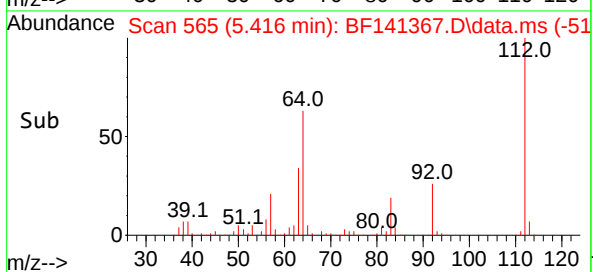
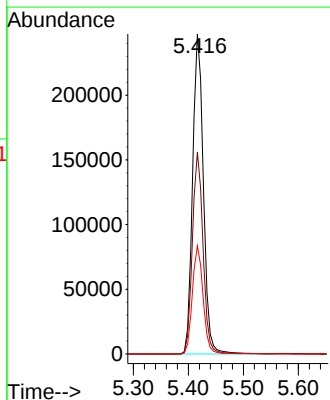
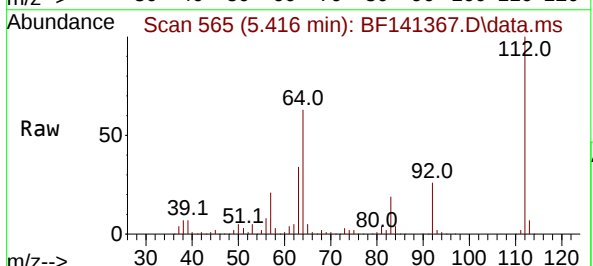
Instrument :
BNA_F
ClientSampleId :
EB

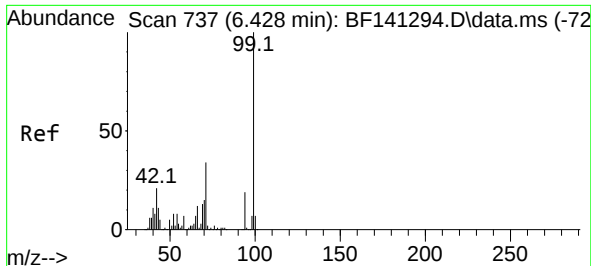
Tgt Ion:152 Resp: 101266
Ion Ratio Lower Upper
152 100
150 158.4 125.9 188.9
115 64.5 49.7 74.5



#5
2-Fluorophenol
Concen: 51.017 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

Tgt Ion:112 Resp: 336523
Ion Ratio Lower Upper
112 100
64 63.0 49.8 74.8
63 33.8 26.1 39.1

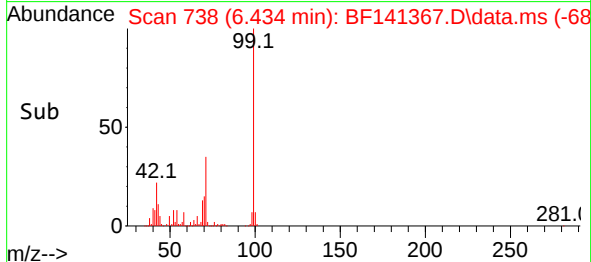
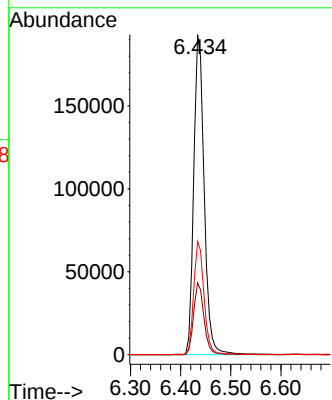
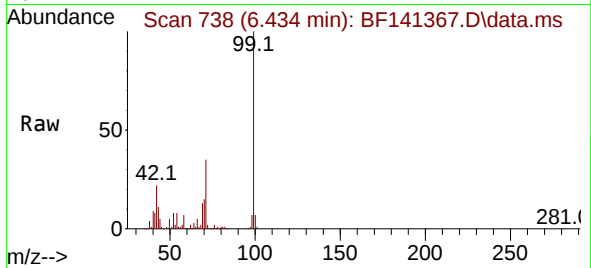




#7
Phenol-d6
Concen: 33.294 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

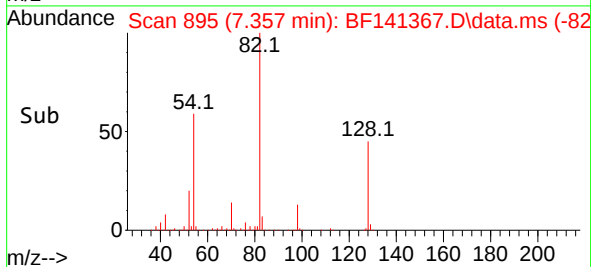
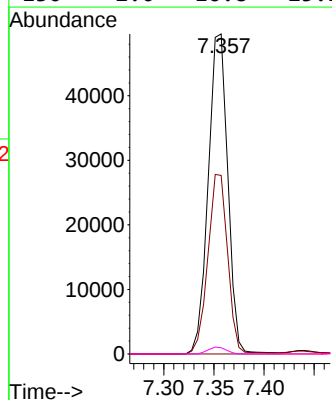
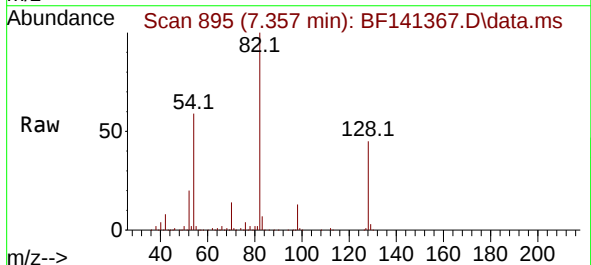
Instrument :
BNA_F
ClientSampleId :
EB

Tgt Ion: 99 Resp: 279381
Ion Ratio Lower Upper
99 100
42 22.4 17.1 25.7
71 35.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.542 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

Tgt Ion: 70 Resp: 67524
Ion Ratio Lower Upper
70 100
42 55.8 56.8 85.2#
101 0.0 7.7 11.5#
130 2.0 16.8 25.2#



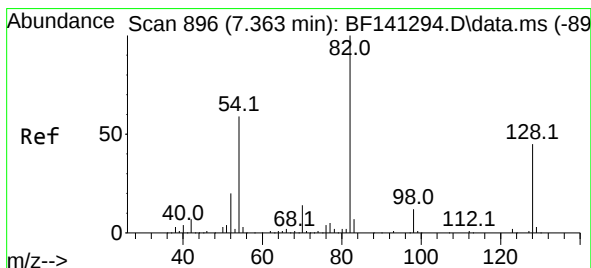
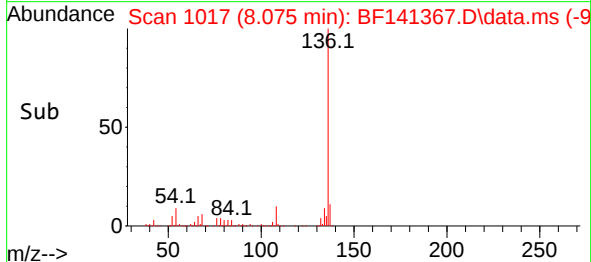
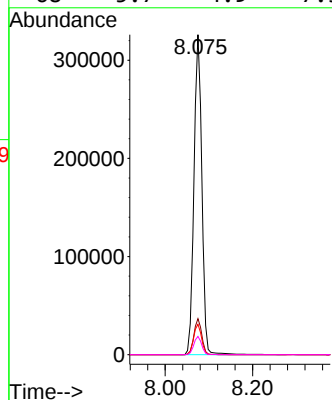
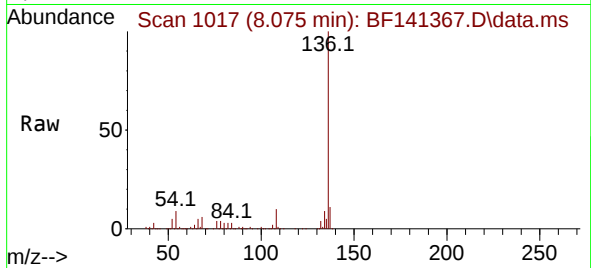


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

Instrument :
BNA_F
ClientSampleId :
EB

Tgt Ion:136 Resp: 409757

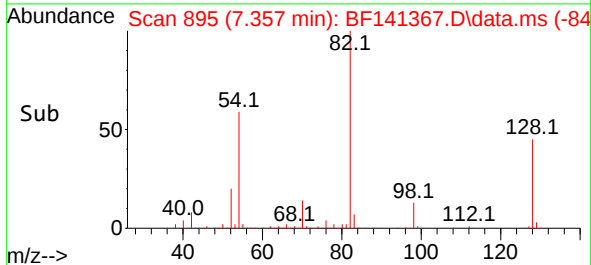
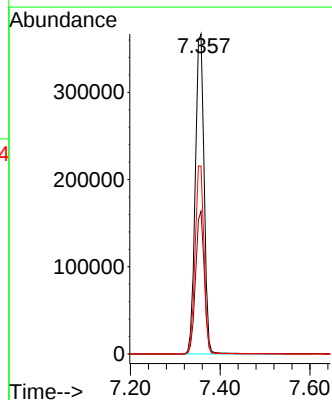
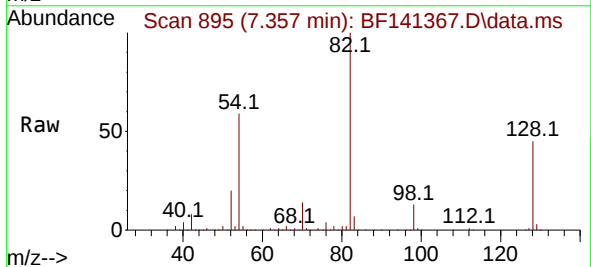
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.5	7.8	11.8
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 64.390 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

Tgt Ion: 82 Resp: 500491

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	58.7	47.1	70.7

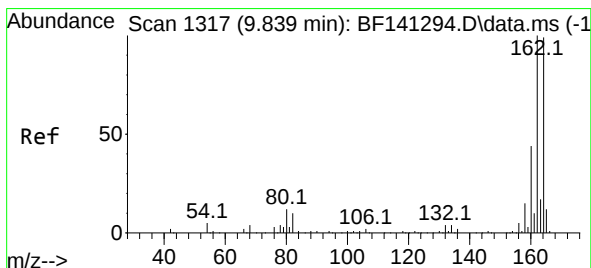
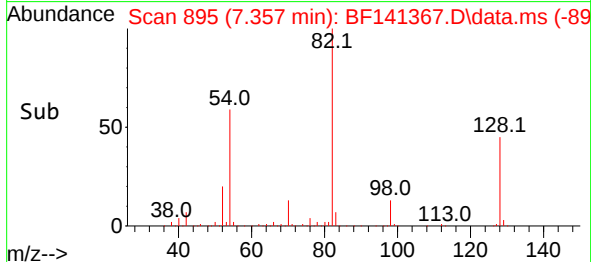
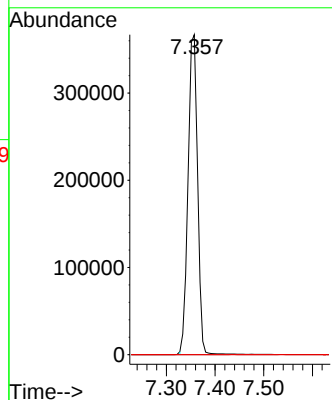
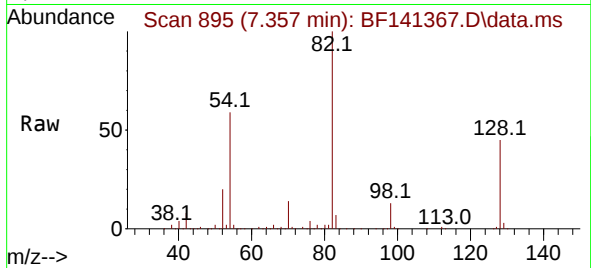




#25
Isophorone
Concen: 36.955 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

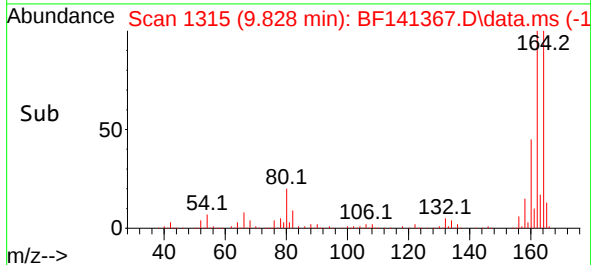
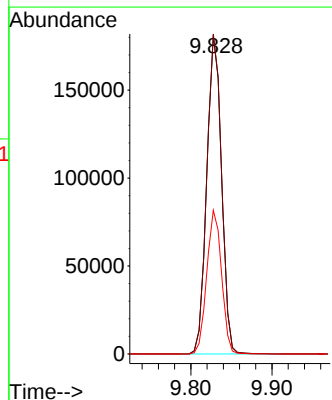
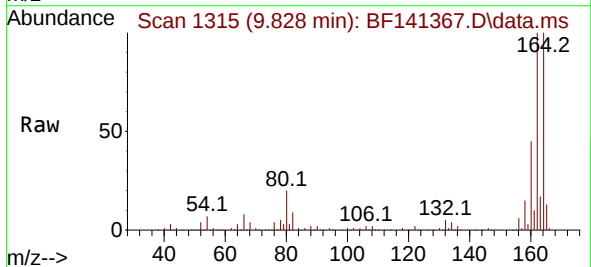
Instrument :
BNA_F
ClientSampleId :
EB

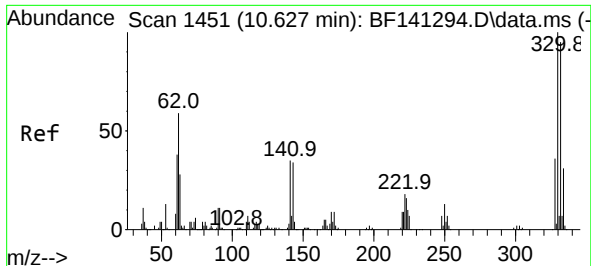
Tgt Ion: 82 Resp: 496530
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

Tgt Ion:164 Resp: 228085
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 45.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 105.860 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141367.D

Acq: 03 Feb 2025 14:08

Instrument :

BNA_F

ClientSampleId :

EB

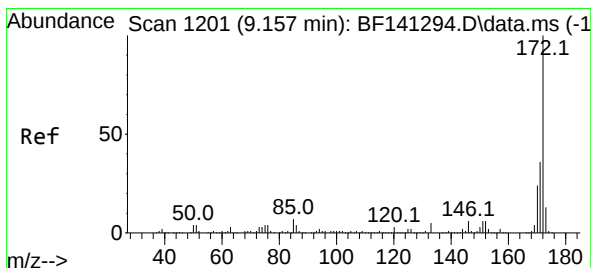
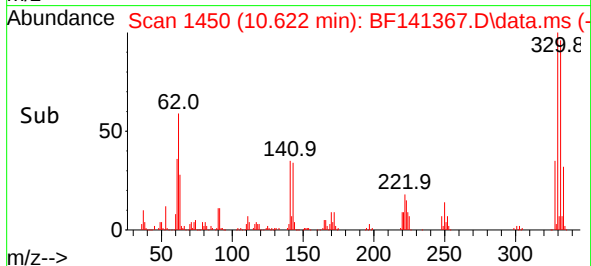
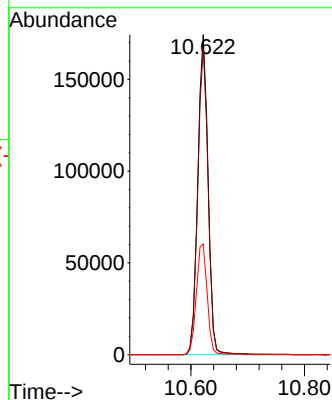
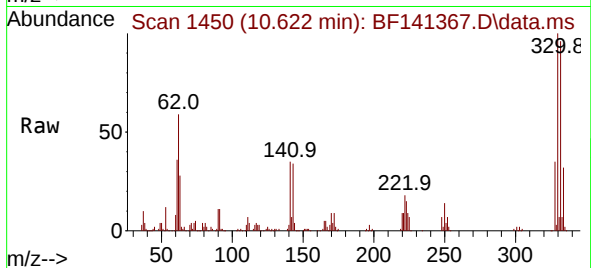
Tgt Ion:330 Resp: 221354

Ion Ratio Lower Upper

330 100

332 96.3 76.1 114.1

141 36.4 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 65.572 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141367.D

Acq: 03 Feb 2025 14:08

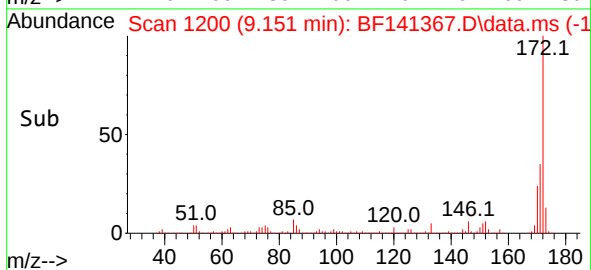
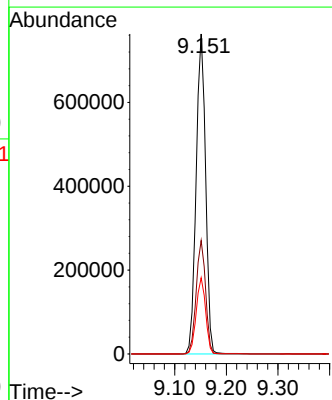
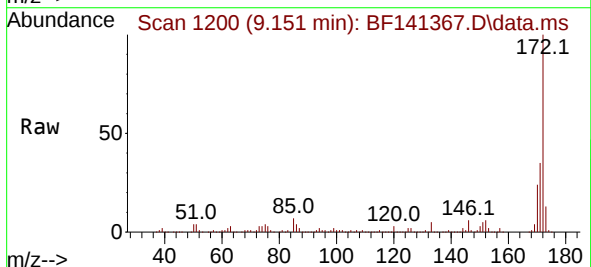
Tgt Ion:172 Resp: 971685

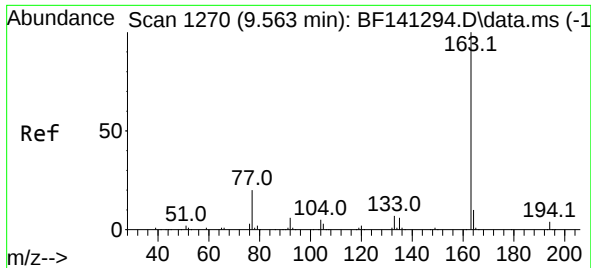
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.8 19.0 28.6

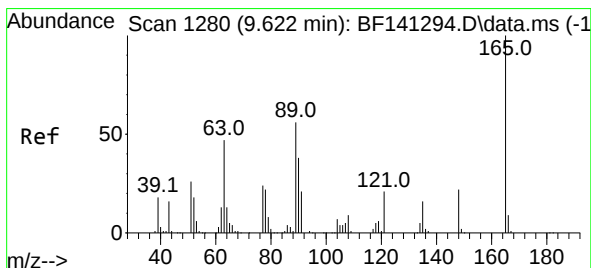
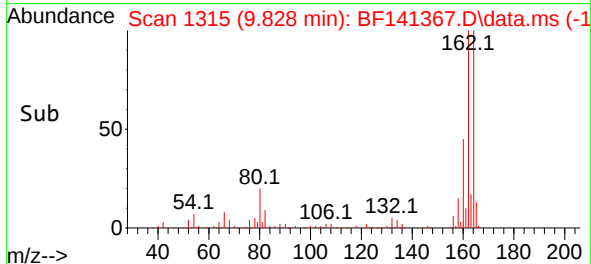
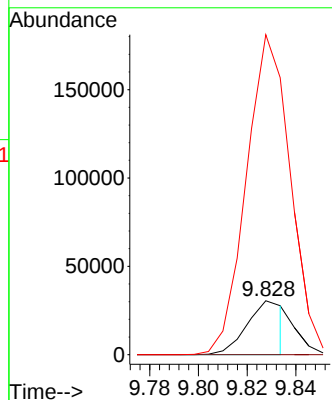
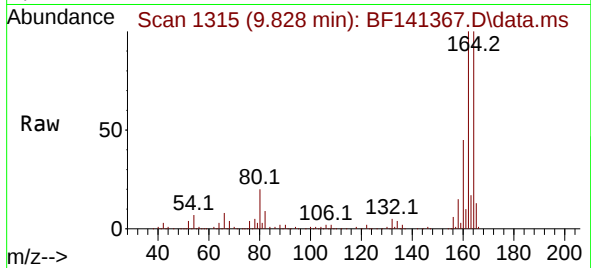




#50
Dimethylphthalate
Concen: 2.068 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

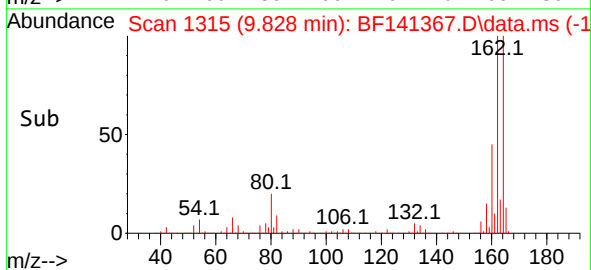
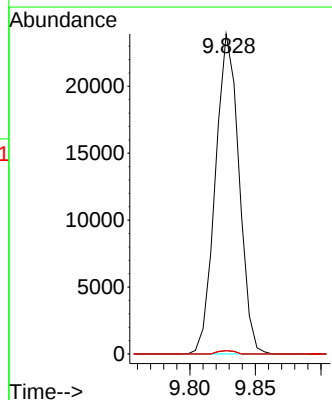
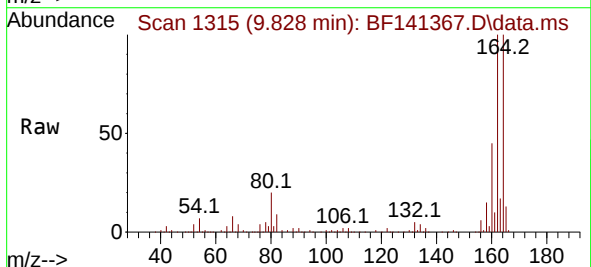
Instrument :
BNA_F
ClientSampleId :
EB

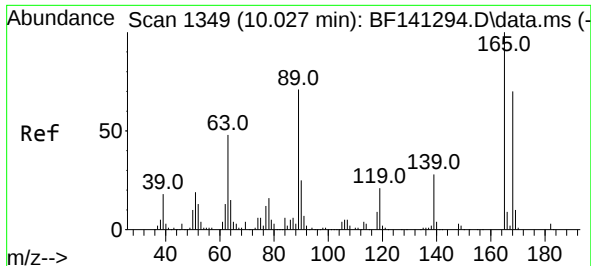
Tgt Ion:163 Resp: 31858
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 593.6 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.370 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

Tgt Ion:165 Resp: 29938
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.1 44.9 67.3#

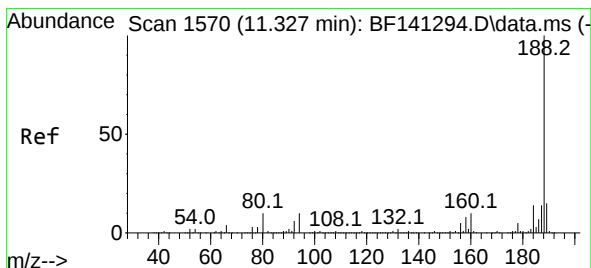
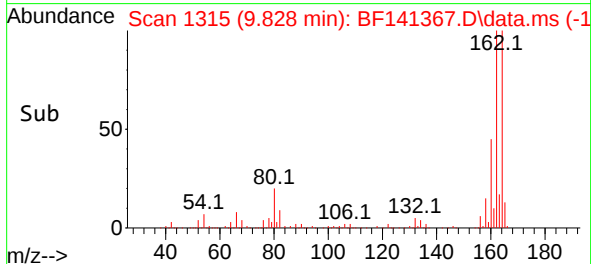
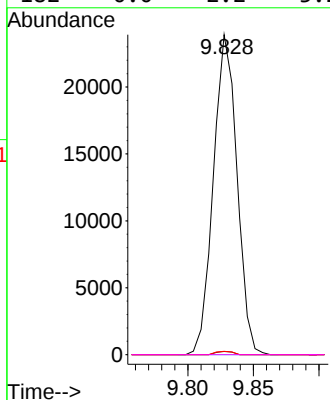
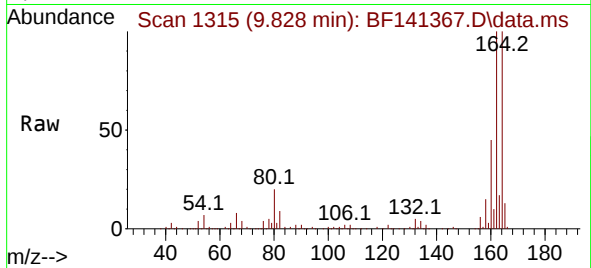




#57
2,4-Dinitrotoluene
Concen: 6.465 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

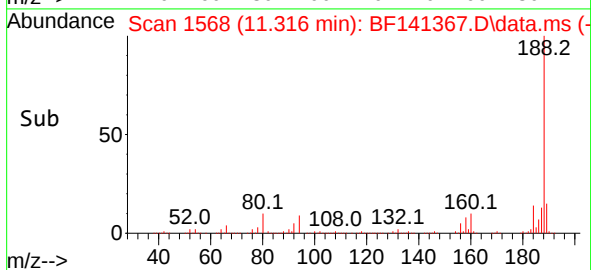
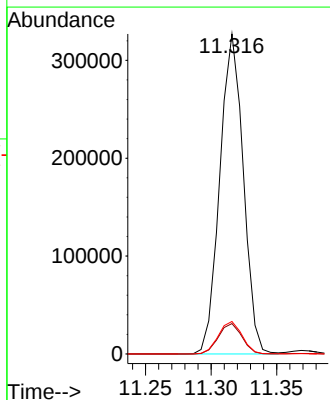
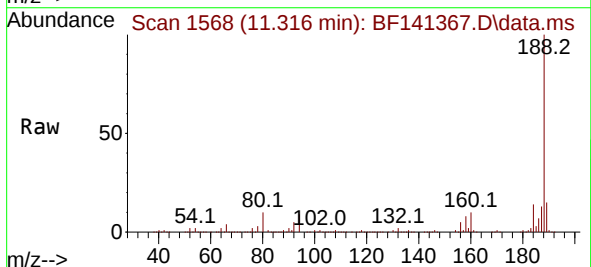
Instrument :
BNA_F
ClientSampleId :
EB

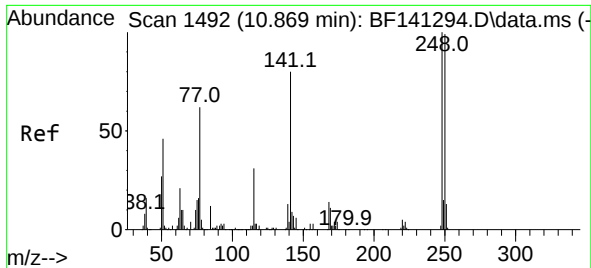
Tgt Ion:165 Resp: 29938
Ion Ratio Lower Upper
165 100
63 1.0 39.2 58.8#
89 1.1 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

Tgt Ion:188 Resp: 407498
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 10.2 8.2 12.4

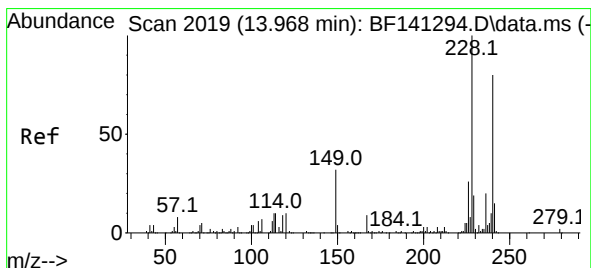
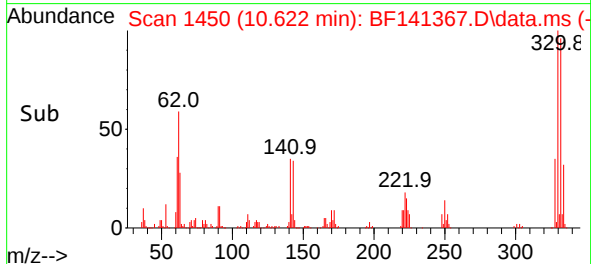
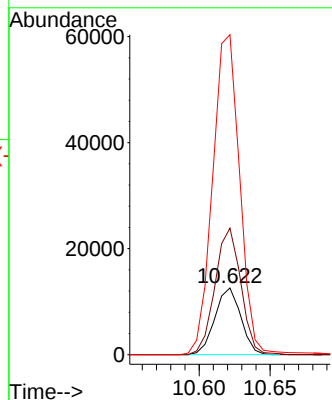
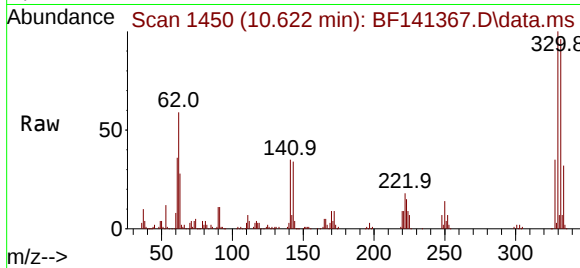




#67
4-Bromophenyl-phenylether
Concen: 3.503 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

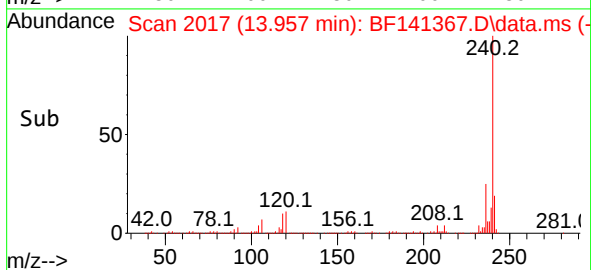
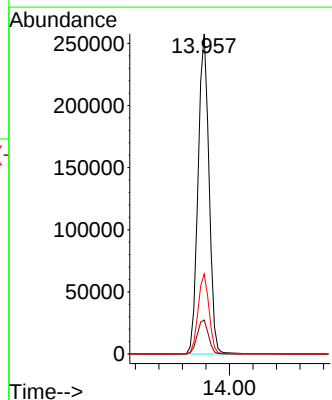
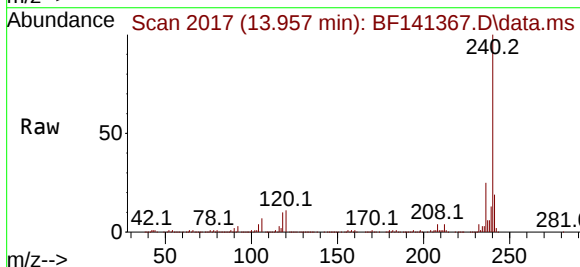
Instrument :
BNA_F
ClientSampleId :
EB

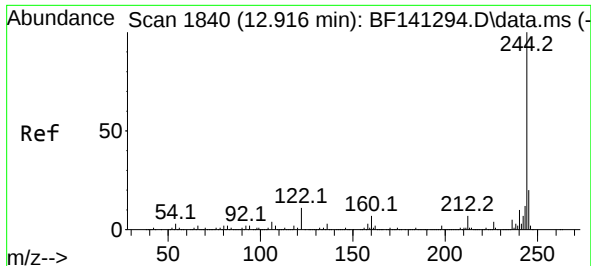
Tgt Ion:248 Resp: 15982
Ion Ratio Lower Upper
248 100
250 189.8 79.0 118.4#
141 479.9 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

Tgt Ion:240 Resp: 332056
Ion Ratio Lower Upper
240 100
120 10.6 10.0 15.0
236 25.0 19.7 29.5

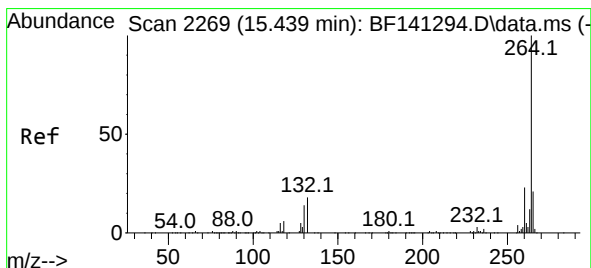
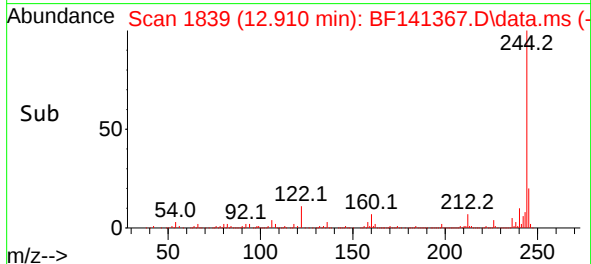
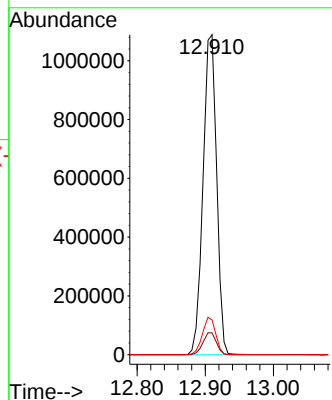
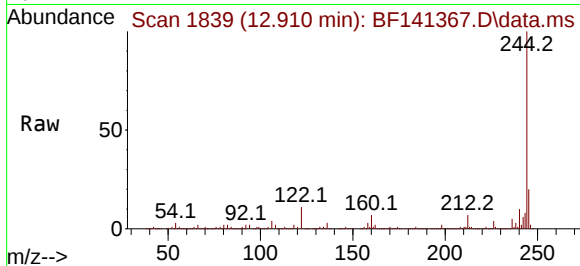




#79
 Terphenyl-d14
 Concen: 70.107 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141367.D
 Acq: 03 Feb 2025 14:08

Instrument :
 BNA_F
 ClientSampleId :
 EB

Tgt Ion:244 Resp: 1509500
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.029 min
 Lab File: BF141367.D
 Acq: 03 Feb 2025 14:08

Tgt Ion:264 Resp: 264824
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.4 16.7 25.1

