

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141450.D
 Acq On : 05 Feb 2025 16:42
 Operator : RC/JU
 Sample : Q1215-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.2-012825

Quant Time: Feb 05 17:38:50 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)

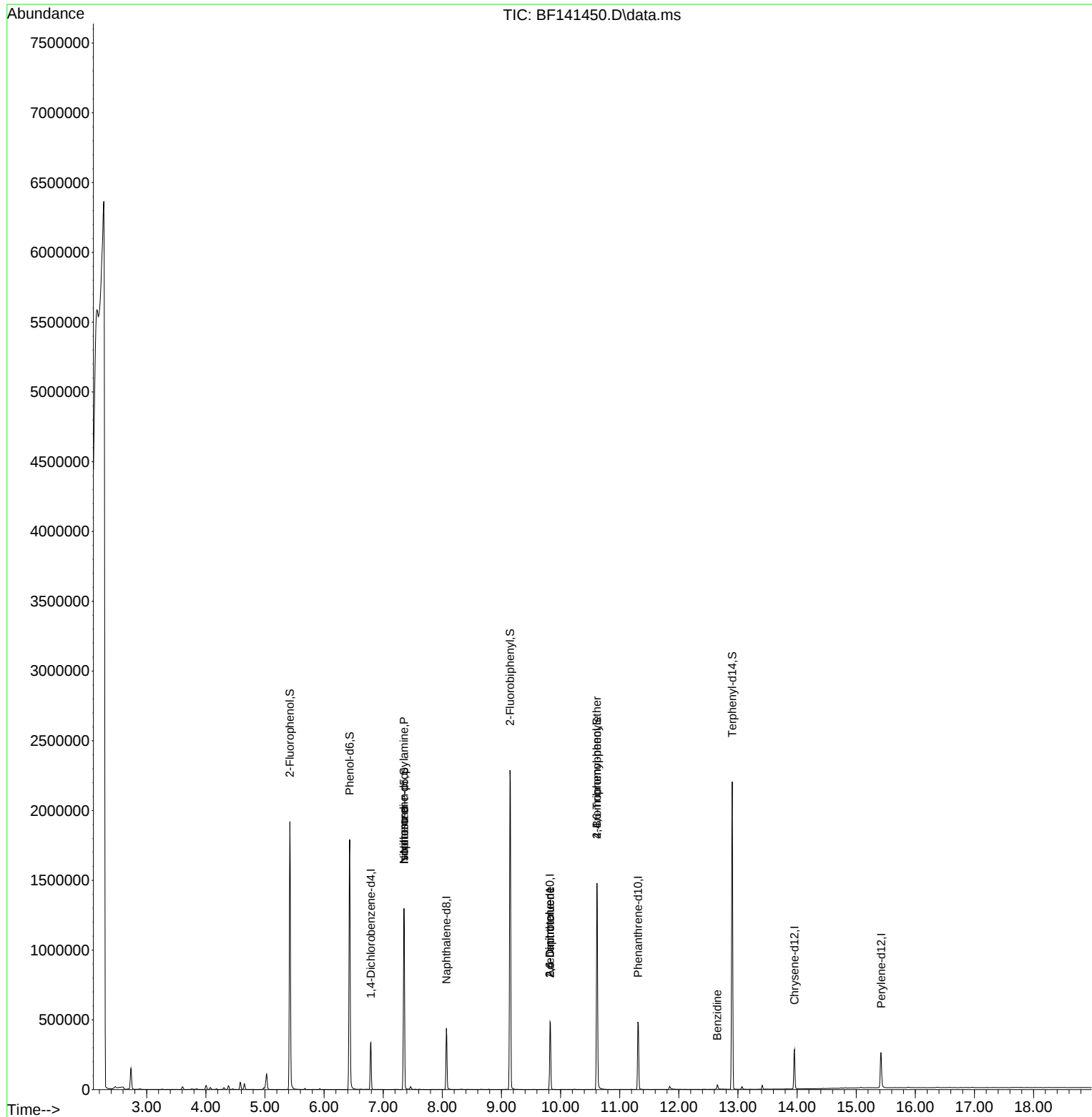
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	68946	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	276340	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	148327	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	254572	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	146604	20.000	ng	#-0.02
86) Perylene-d12	15.421	264	157418	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	679253	151.247	ng	0.01
7) Phenol-d6	6.434	99	810676	141.897	ng	0.00
23) Nitrobenzene-d5	7.351	82	565344	107.849	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	235706	173.337	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1029990	106.882	ng	-0.02
79) Terphenyl-d14	12.904	244	1072122	112.781	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	78792	23.210	ng	# 77
25) Isophorone	7.351	82	559877	61.788	ng	# 64
51) 2,6-Dinitrotoluene	9.822	165	19117	8.219	ng	# 24
57) 2,4-Dinitrotoluene	9.822	165	19117	6.348	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	16241	5.699	ng	# 1
77) Benzidine	12.651	184	18439	3.923	ng	96

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

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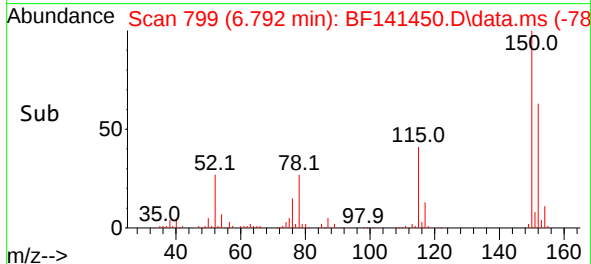
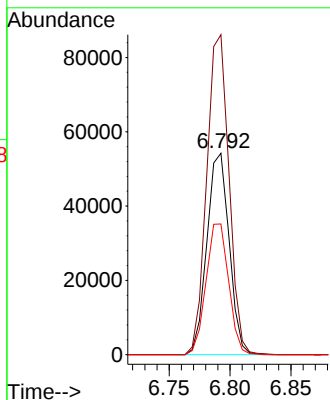
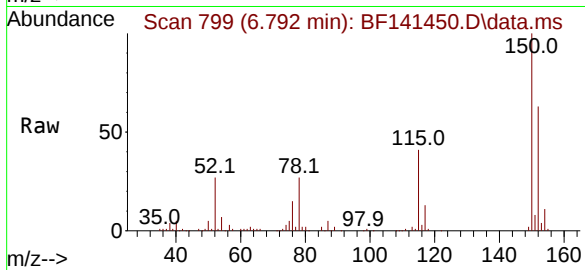




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

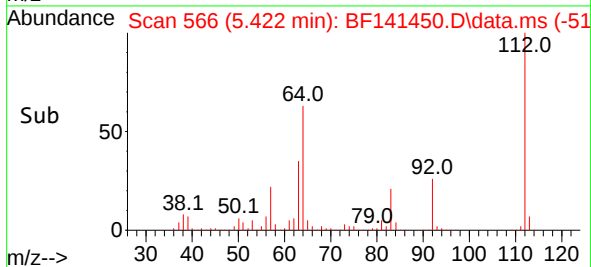
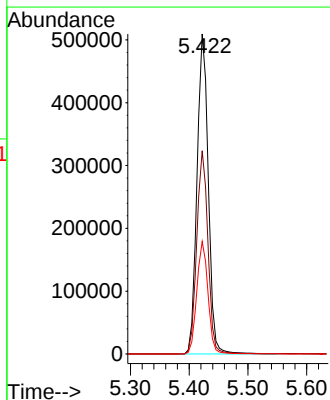
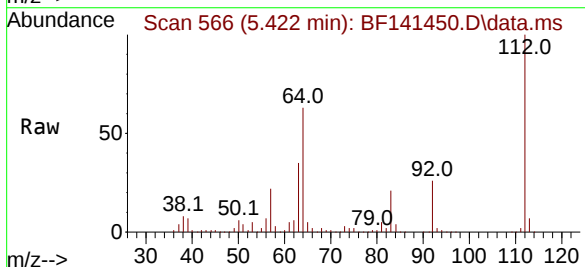
Instrument :
BNA_F
ClientSampleId :
JPP-29.2-012825

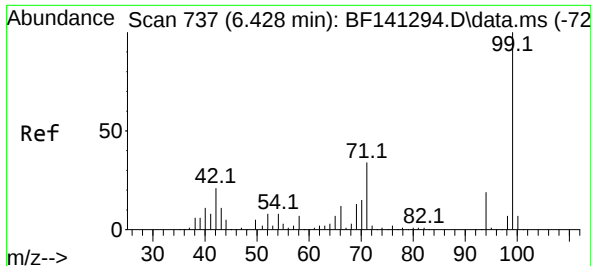
Tgt Ion:152 Resp: 68946
Ion Ratio Lower Upper
152 100
150 158.8 125.9 188.9
115 64.8 49.7 74.5



#5
2-Fluorophenol
Concen: 151.247 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

Tgt Ion:112 Resp: 679253
Ion Ratio Lower Upper
112 100
64 63.5 49.8 74.8
63 35.2 26.1 39.1

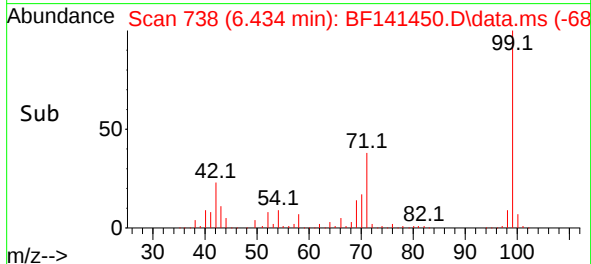
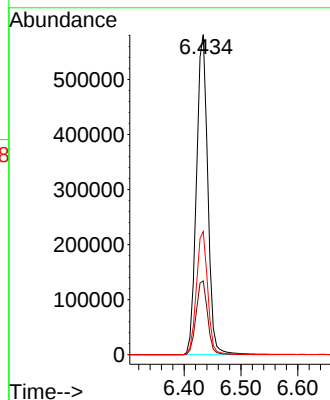
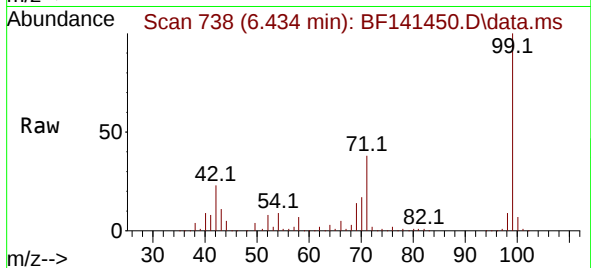




#7
Phenol-d6
Concen: 141.897 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

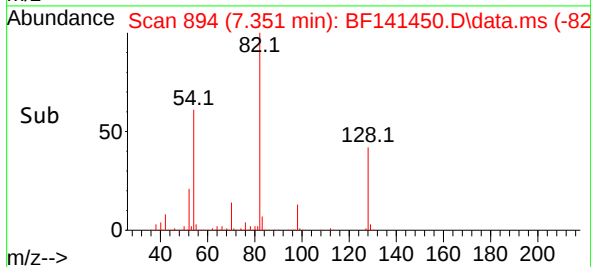
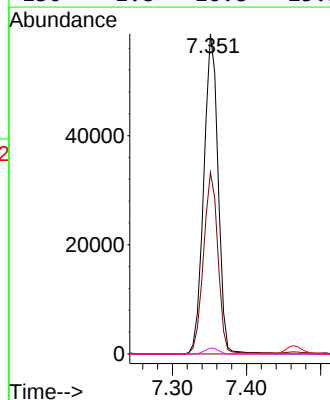
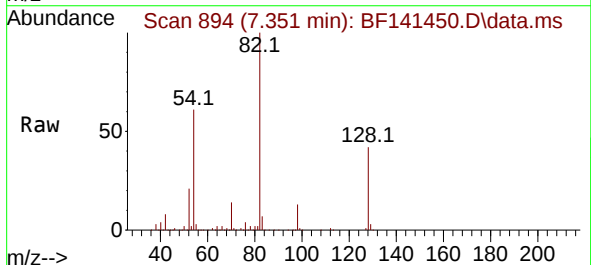
Instrument :
BNA_F
ClientSampleId :
JPP-29.2-012825

Tgt Ion: 99 Resp: 810676
Ion Ratio Lower Upper
99 100
42 23.1 17.1 25.7
71 38.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 23.210 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

Tgt Ion: 70 Resp: 78792
Ion Ratio Lower Upper
70 100
42 56.7 56.8 85.2#
101 0.0 7.7 11.5#
130 1.8 16.8 25.2#



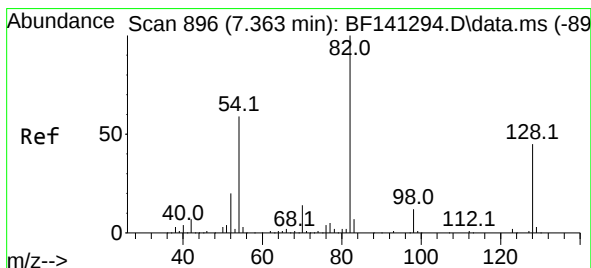
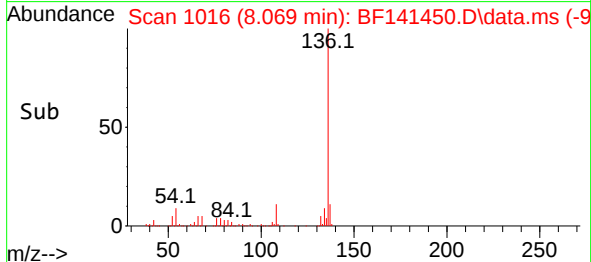
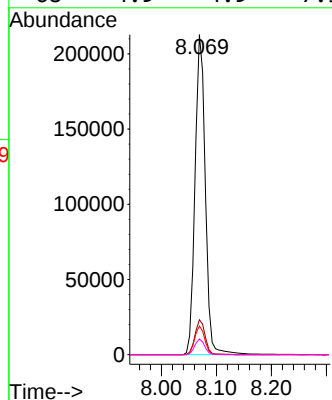
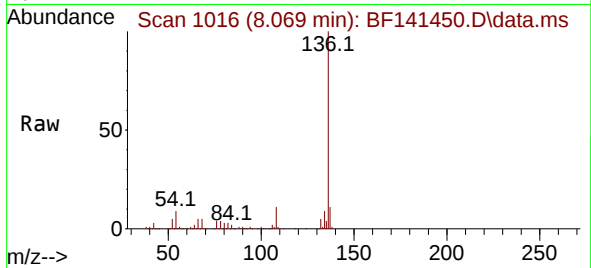


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

Instrument :
BNA_F
ClientSampleId :
JPP-29.2-012825

Tgt Ion:136 Resp: 276340

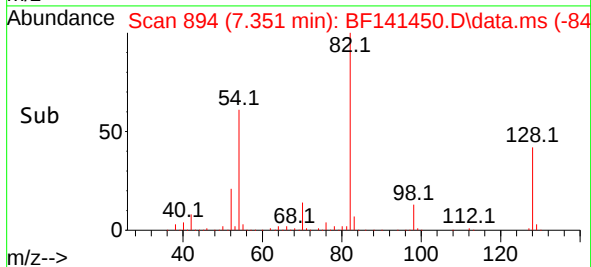
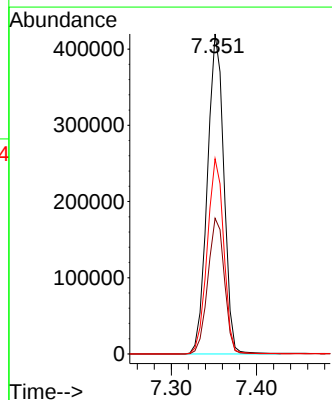
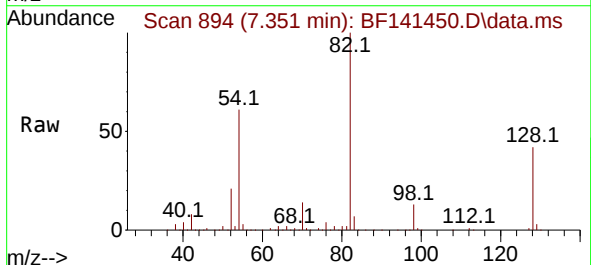
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.0	7.8	11.8
68	4.9	4.9	7.3

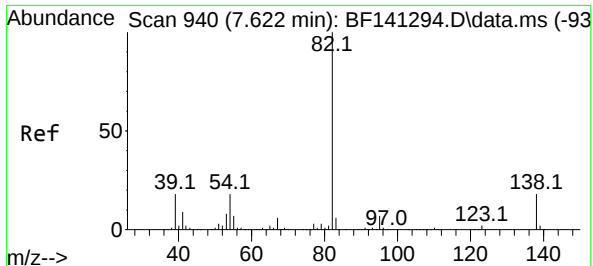


#23
Nitrobenzene-d5
Concen: 107.849 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

Tgt Ion: 82 Resp: 565344

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.7	53.5
54	61.0	47.1	70.7

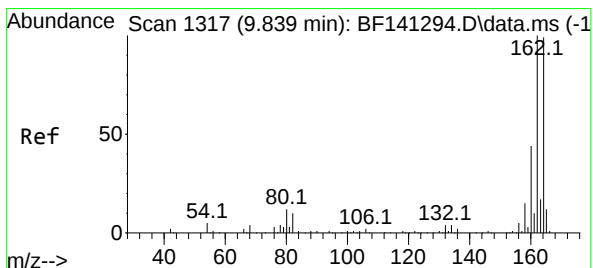
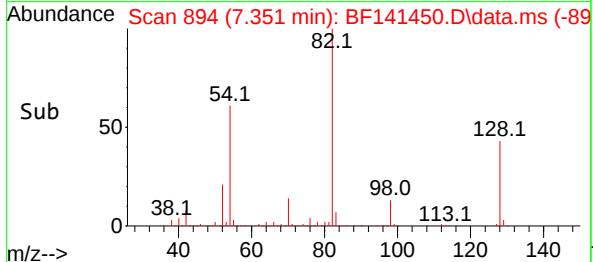
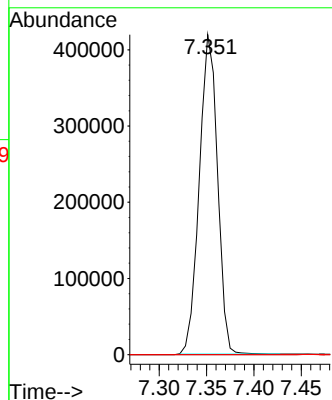
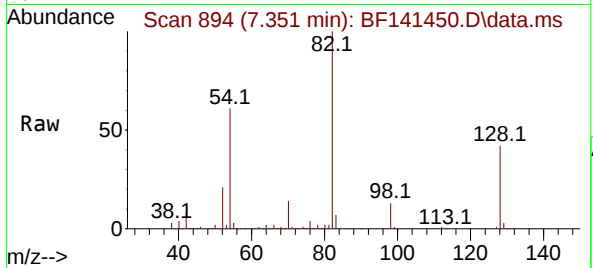




#25
Isophorone
Concen: 61.788 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

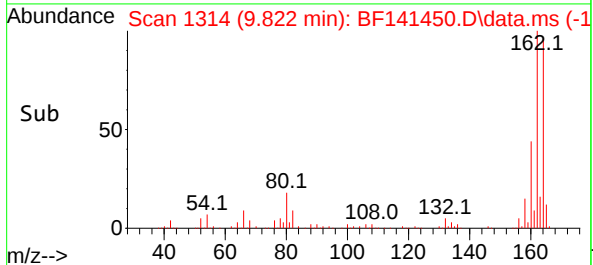
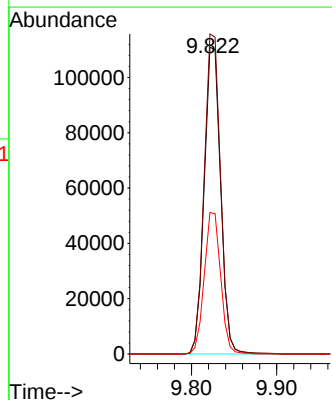
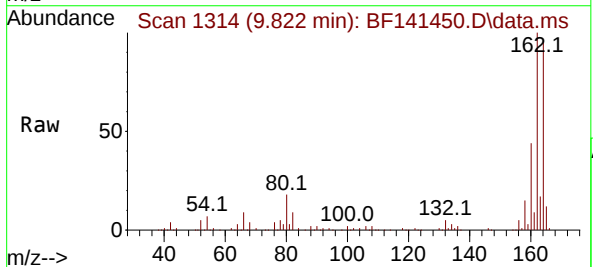
Instrument :
BNA_F
ClientSampleId :
JPP-29.2-012825

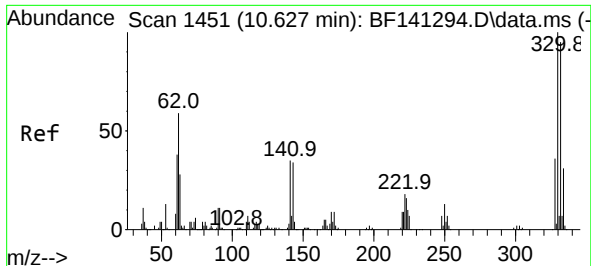
Tgt Ion: 82 Resp: 559877
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

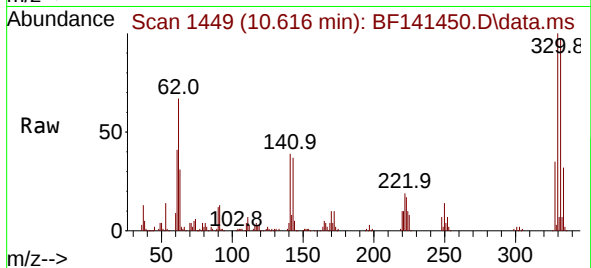
Tgt Ion:164 Resp: 148327
Ion Ratio Lower Upper
164 100
162 104.3 80.6 121.0
160 46.1 35.8 53.6



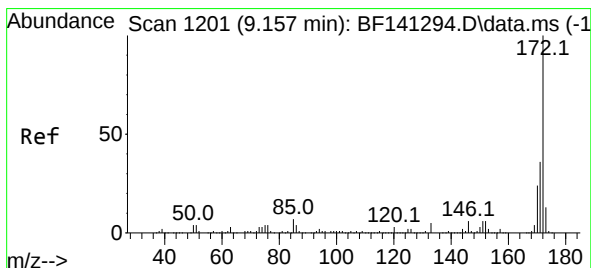
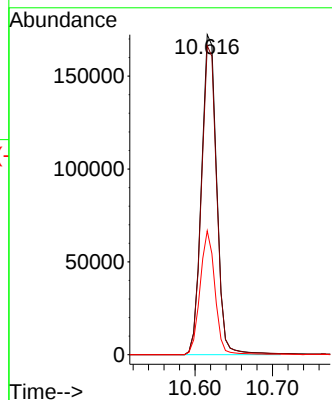
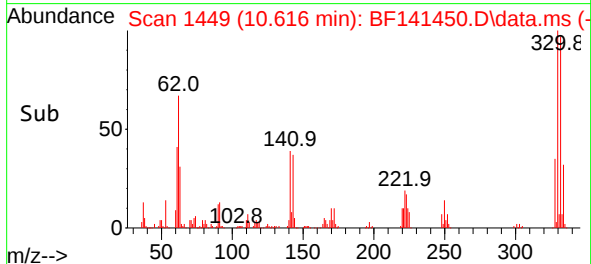


#42
2,4,6-Tribromophenol
Concen: 173.337 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

Instrument :
BNA_F
ClientSampleId :
JPP-29.2-012825

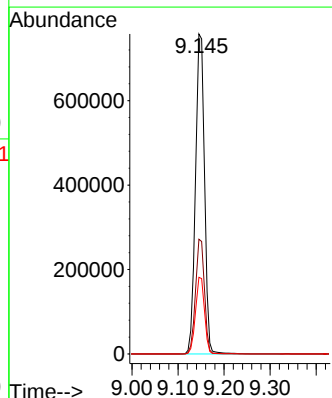
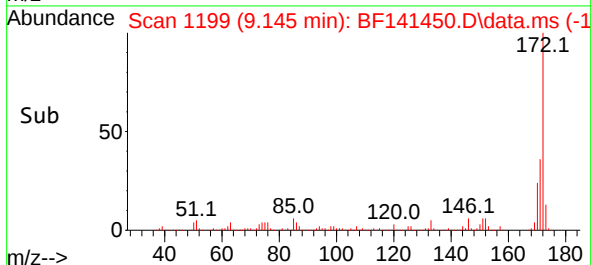
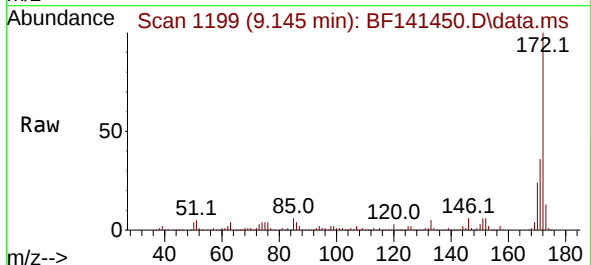


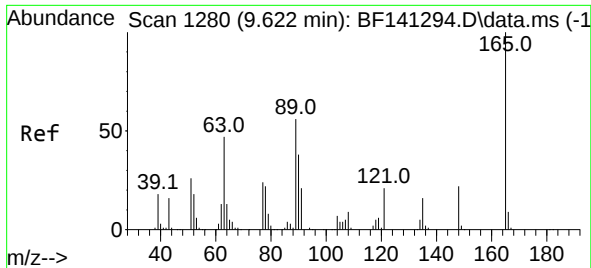
Tgt Ion:330 Resp: 235706
Ion Ratio Lower Upper
330 100
332 97.3 76.1 114.1
141 37.7 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 106.882 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

Tgt Ion:172 Resp: 1029990
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.0 19.0 28.6

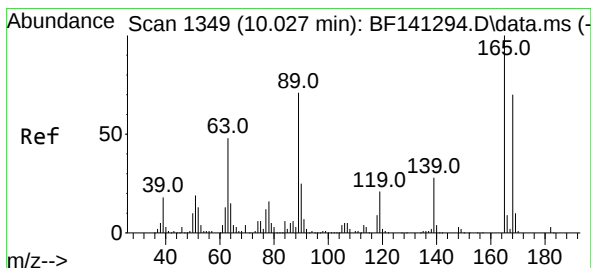
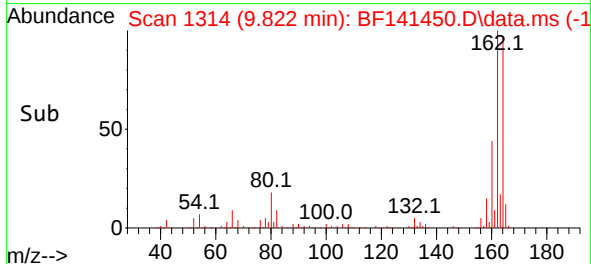
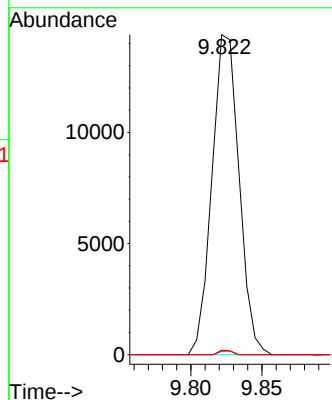
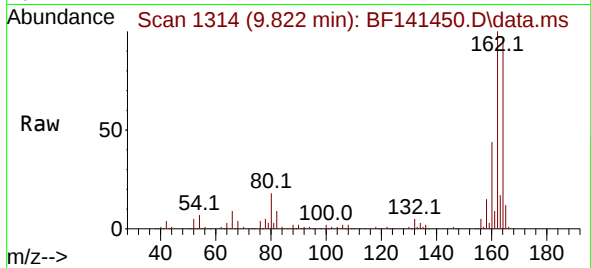




#51
2,6-Dinitrotoluene
Concen: 8.219 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

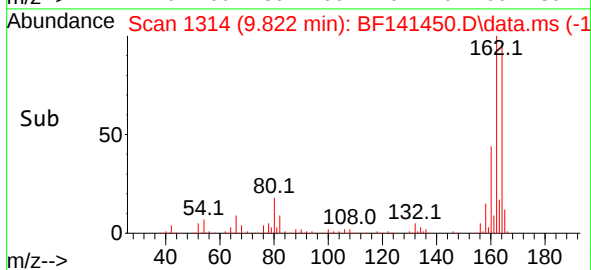
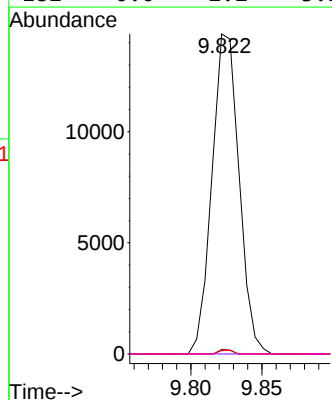
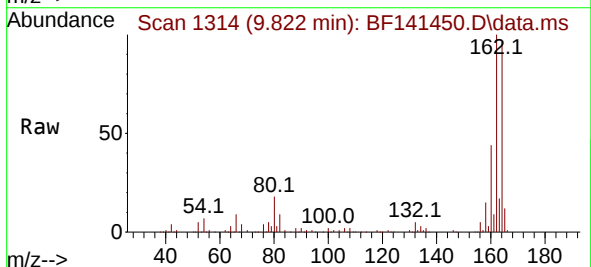
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ClientSampleId :
JPP-29.2-012825

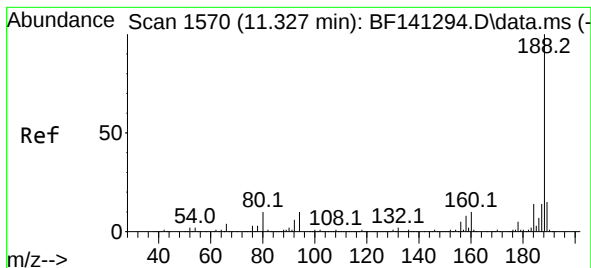
Tgt Ion:165 Resp: 19117
Ion Ratio Lower Upper
165 100
63 1.4 48.1 72.1#
89 1.1 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.348 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.212 min
Lab File: BF141450.D
Acq: 05 Feb 2025 16:42

Tgt Ion:165 Resp: 19117
Ion Ratio Lower Upper
165 100
63 1.4 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: 11.310 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141450.D

Acq: 05 Feb 2025 16:42

Instrument :

BNA_F

ClientSampleId :

JPP-29.2-012825

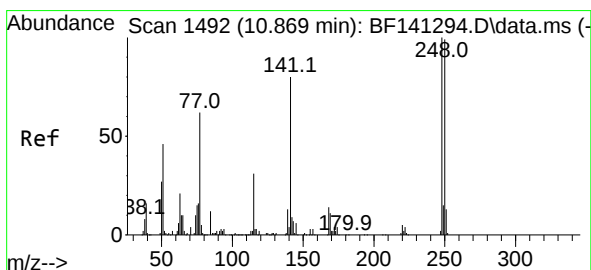
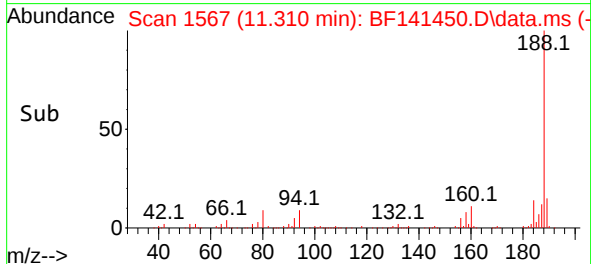
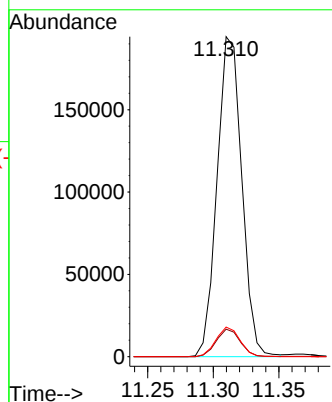
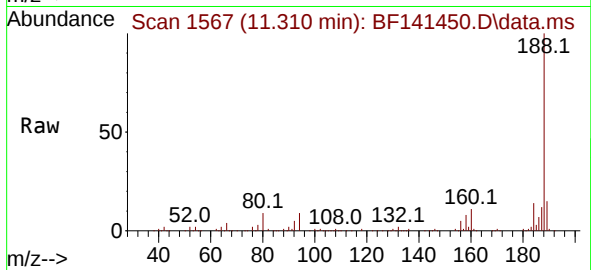
Tgt Ion:188 Resp: 254572

Ion Ratio Lower Upper

188 100

94 8.6 7.8 11.6

80 9.2 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 5.699 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.259 min

Lab File: BF141450.D

Acq: 05 Feb 2025 16:42

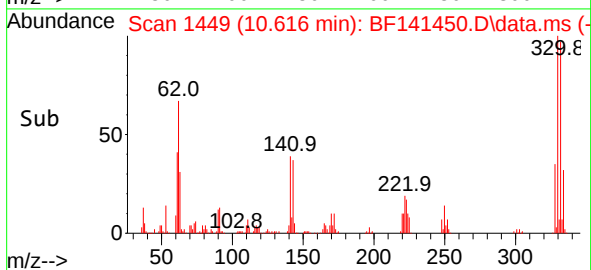
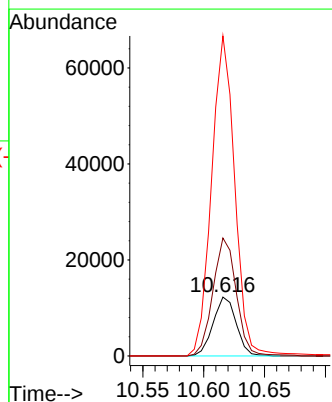
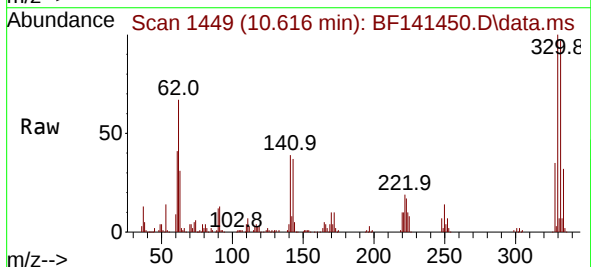
Tgt Ion:248 Resp: 16241

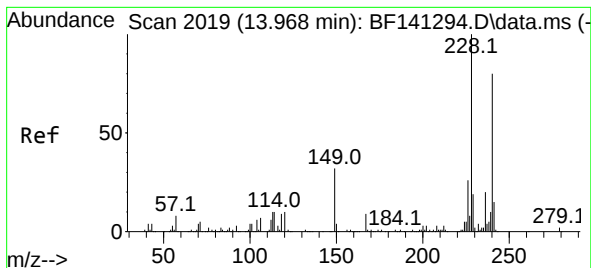
Ion Ratio Lower Upper

248 100

250 200.2 79.0 118.4#

141 543.3 63.7 95.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141450.D

Acq: 05 Feb 2025 16:42

Instrument :

BNA_F

ClientSampleId :

JPP-29.2-012825

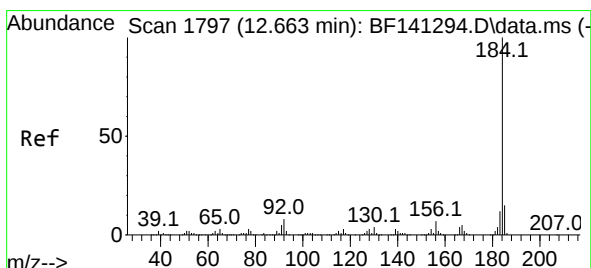
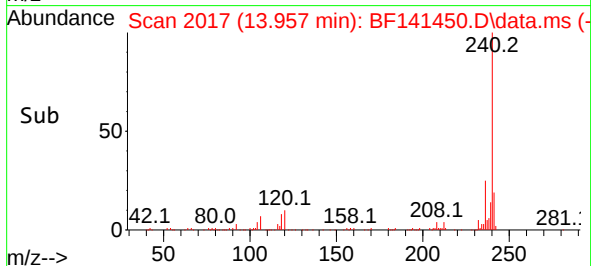
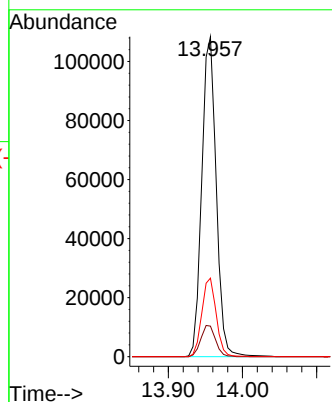
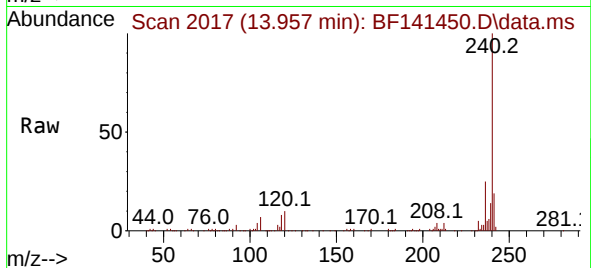
Tgt Ion:240 Resp: 146604

Ion Ratio Lower Upper

240 100

120 9.6 10.0 15.0#

236 24.5 19.7 29.5



#77

Benzidine

Concen: 3.923 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.012 min

Lab File: BF141450.D

Acq: 05 Feb 2025 16:42

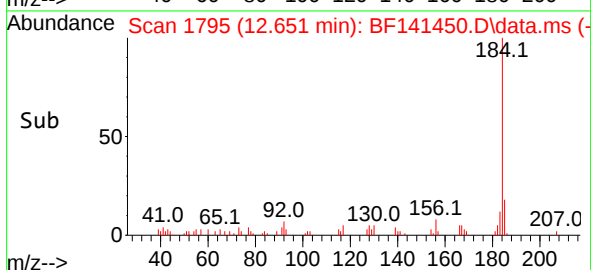
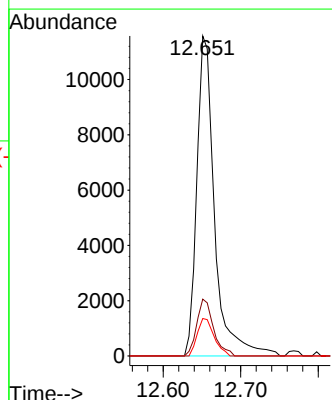
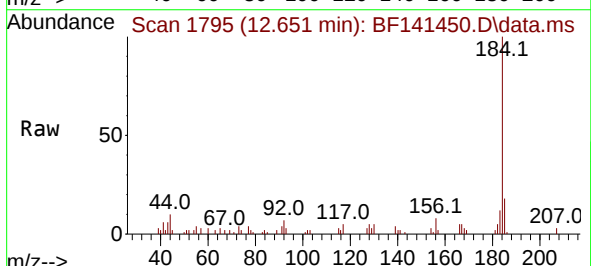
Tgt Ion:184 Resp: 18439

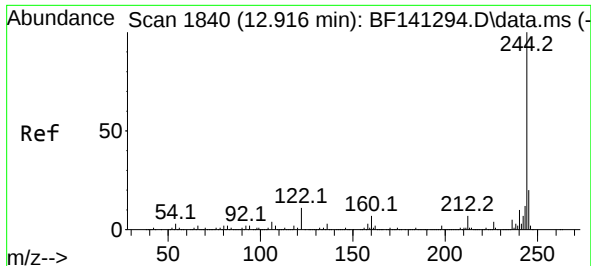
Ion Ratio Lower Upper

184 100

185 17.8 11.9 17.9

183 11.7 9.5 14.3

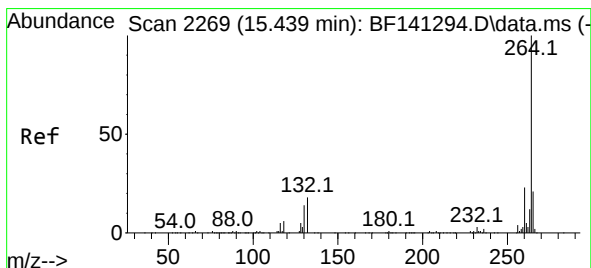
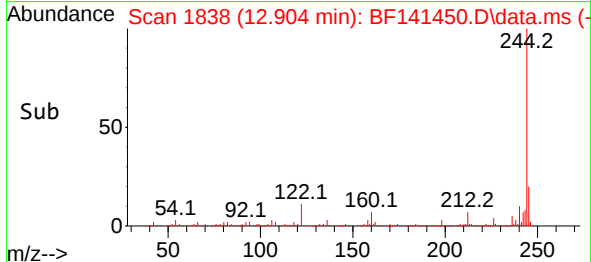
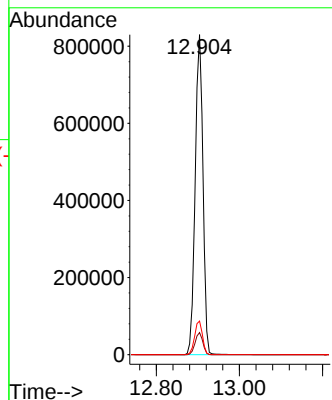
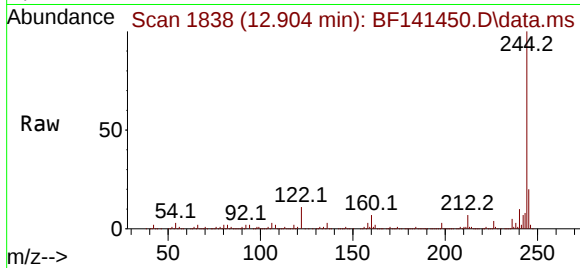




#79
 Terphenyl-d14
 Concen: 112.781 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141450.D
 Acq: 05 Feb 2025 16:42

Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.2-012825

Tgt Ion:244 Resp: 1072122
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF141450.D
 Acq: 05 Feb 2025 16:42

Tgt Ion:264 Resp: 157418
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.1 16.7 25.1

