

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141423.D
 Acq On : 04 Feb 2025 21:45
 Operator : RC/JU
 Sample : Q1206-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-16.3-012725

Quant Time: Feb 05 00:34:55 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)

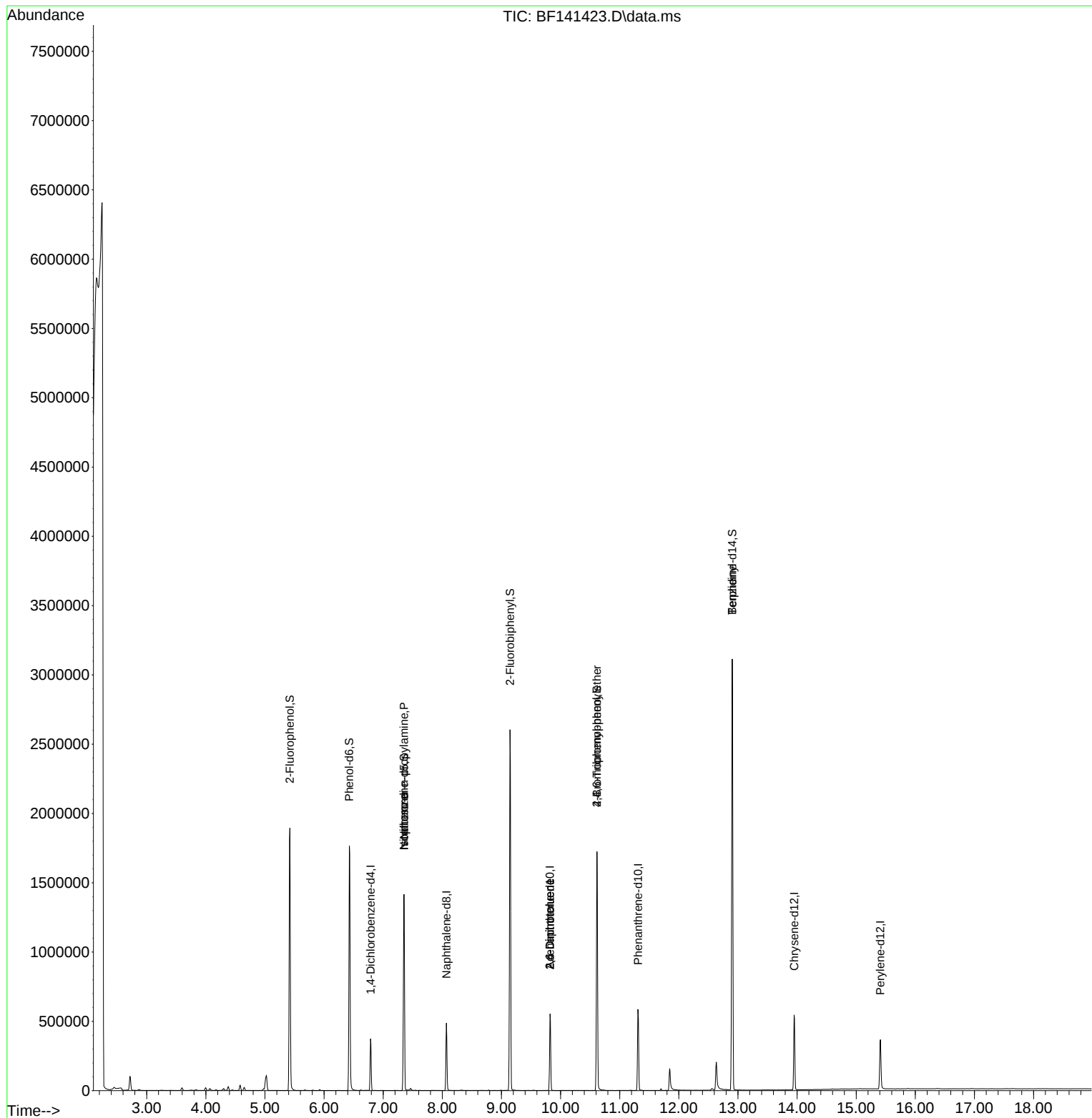
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	73964	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	296677	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	164083	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	294148	20.000	ng	-0.02
76) Chrysene-d12	13.951	240	269151	20.000	ng	-0.02
86) Perylene-d12	15.409	264	215370	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	687270	142.650	ng	0.01
7) Phenol-d6	6.428	99	799331	130.419	ng	-0.01
23) Nitrobenzene-d5	7.351	82	618741	109.944	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	279890	186.065	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1150832	107.954	ng	-0.02
79) Terphenyl-d14	12.904	244	1563183	89.567	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	85371	23.442	ng	# 76
25) Isophorone	7.351	82	613757	63.091	ng	# 64
51) 2,6-Dinitrotoluene	9.822	165	21105	8.202	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	21105	6.335	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	19451	5.907	ng	# 1
77) Benzidine	12.904	184	20557	2.382	ng	# 92

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

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ALS Vial : 15 Sample Multiplier: 1

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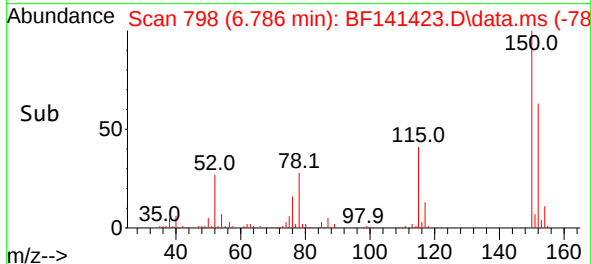
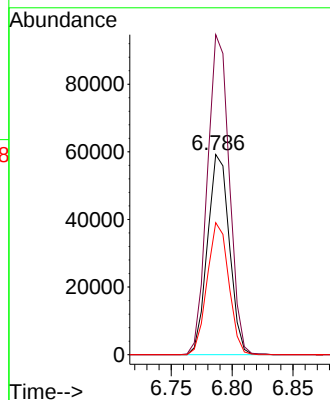
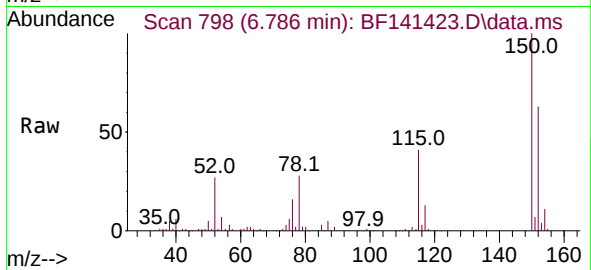




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.018 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

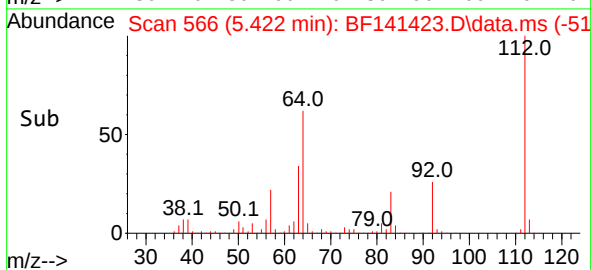
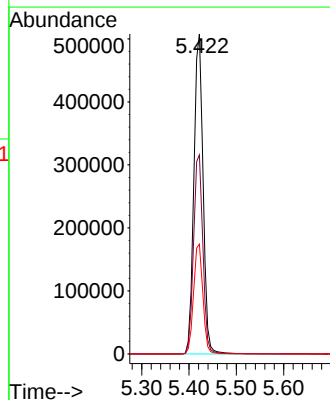
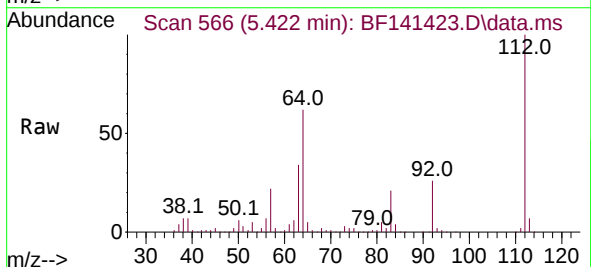
Instrument :
BNA_F
ClientSampleId :
JPP-16.3-012725

Tgt Ion:152 Resp: 73964
Ion Ratio Lower Upper
152 100
150 159.9 125.9 188.9
115 65.9 49.7 74.5



#5
2-Fluorophenol
Concen: 142.650 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

Tgt Ion:112 Resp: 687270
Ion Ratio Lower Upper
112 100
64 62.2 49.8 74.8
63 34.3 26.1 39.1

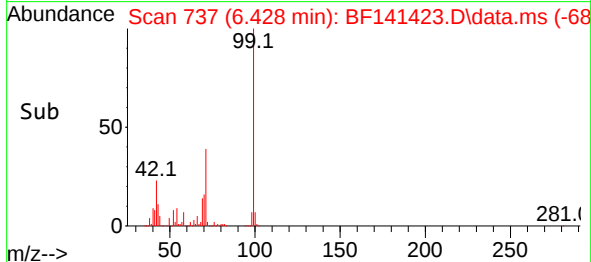
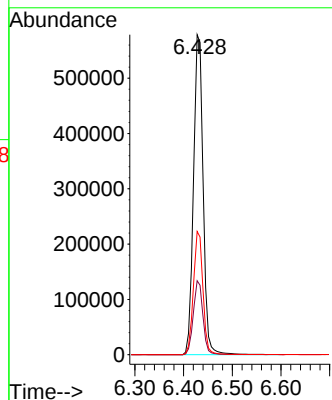
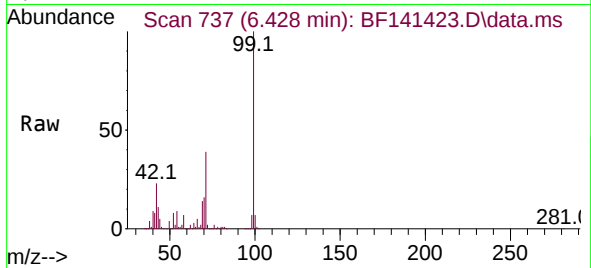




#7
Phenol-d6
Concen: 130.419 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

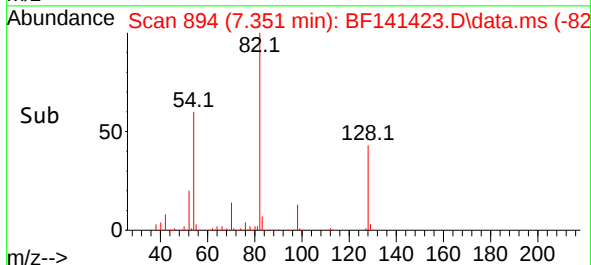
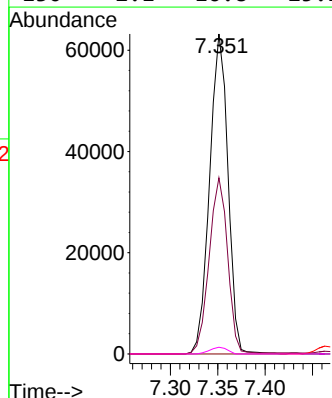
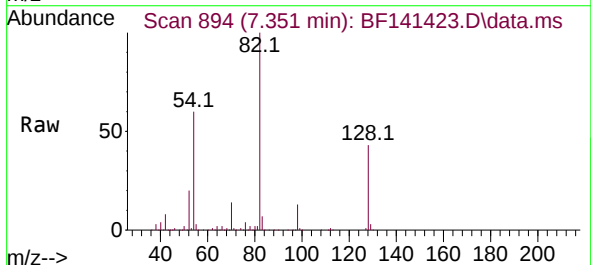
Instrument :
BNA_F
ClientSampleId :
JPP-16.3-012725

Tgt Ion: 99 Resp: 799331
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: 23.442 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

Tgt Ion: 70 Resp: 85371
Ion Ratio Lower Upper
70 100
42 55.1 56.8 85.2#
101 0.0 7.7 11.5#
130 2.1 16.8 25.2#

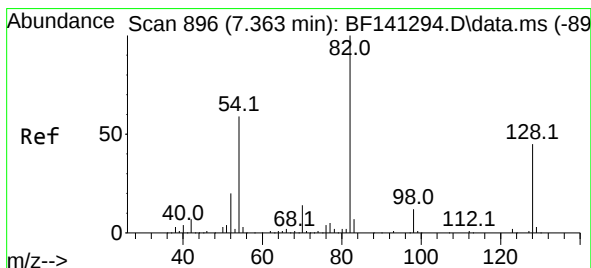
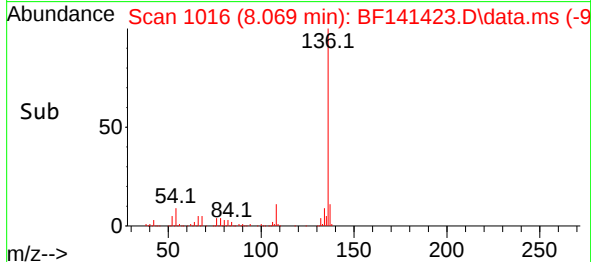
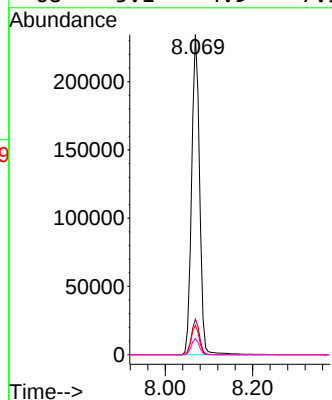
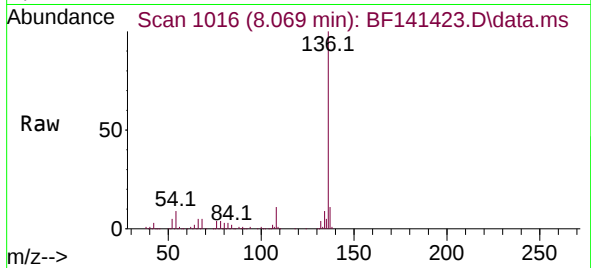




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

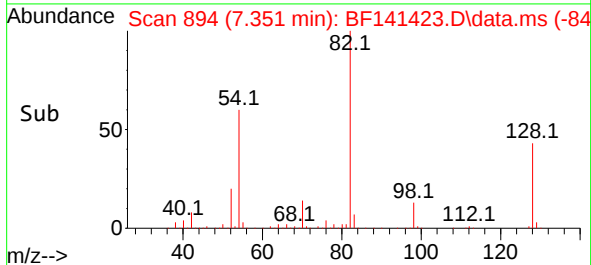
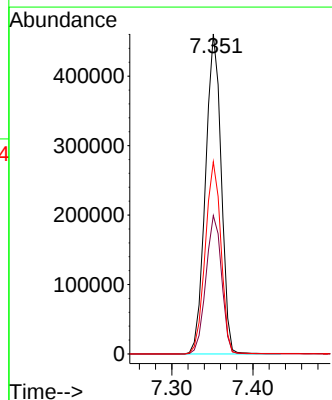
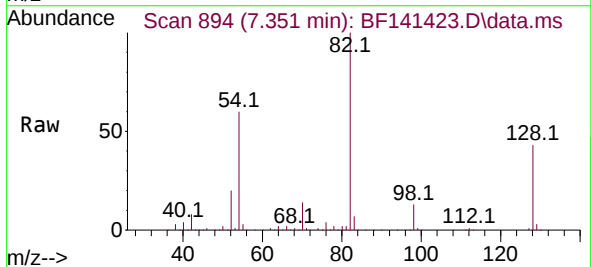
Instrument :
BNA_F
ClientSampleId :
JPP-16.3-012725

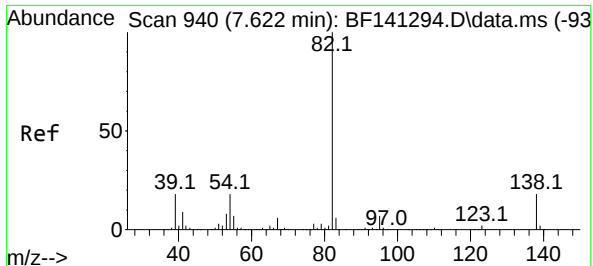
Tgt Ion:136 Resp: 296677
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.2 7.8 11.8
68 5.1 4.9 7.3



#23
Nitrobenzene-d5
Concen: 109.944 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

Tgt Ion: 82 Resp: 618741
Ion Ratio Lower Upper
82 100
128 43.3 35.7 53.5
54 60.0 47.1 70.7

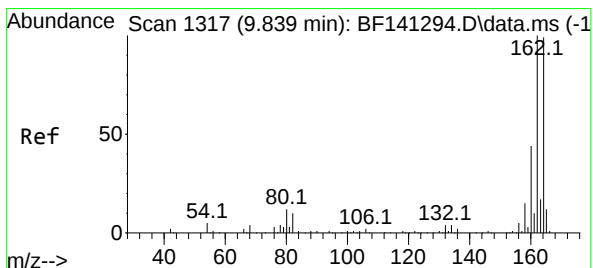
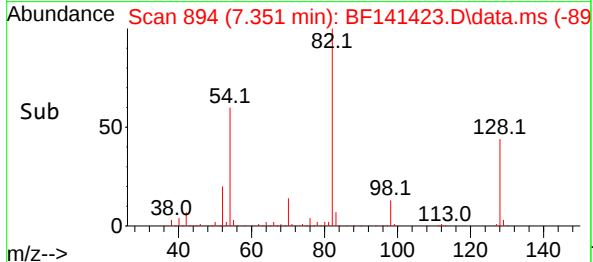
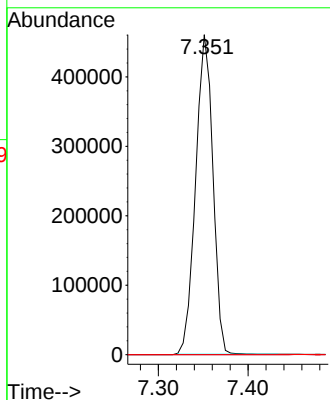
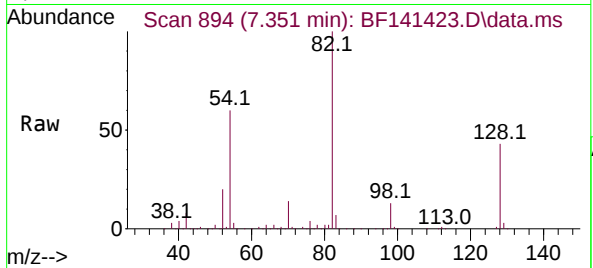




#25
Isophorone
Concen: 63.091 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

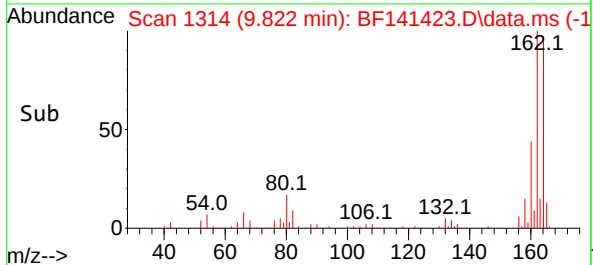
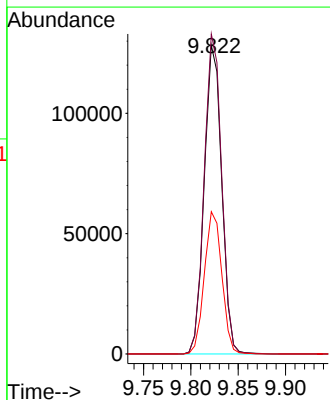
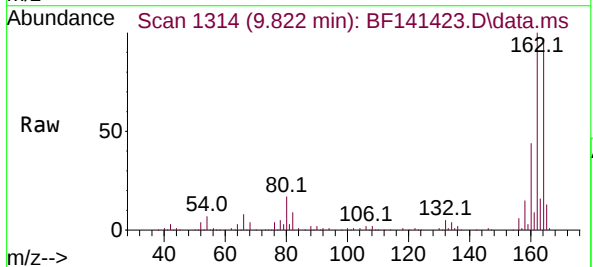
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ClientSampleId :
JPP-16.3-012725

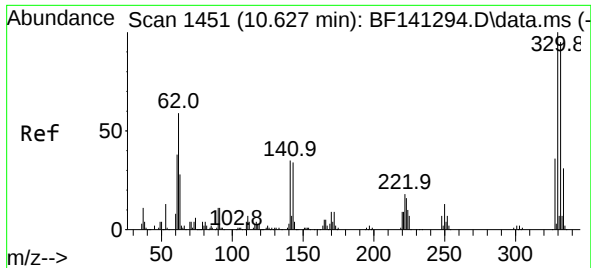
Tgt Ion: 82 Resp: 613757
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

Tgt Ion:164 Resp: 164083
Ion Ratio Lower Upper
164 100
162 103.6 80.6 121.0
160 46.0 35.8 53.6

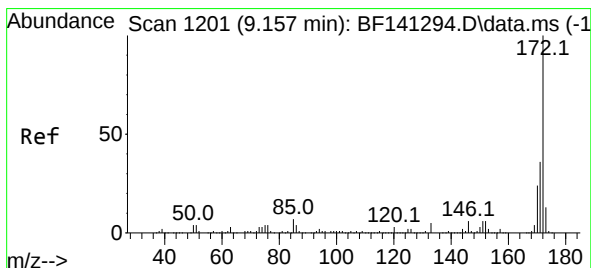
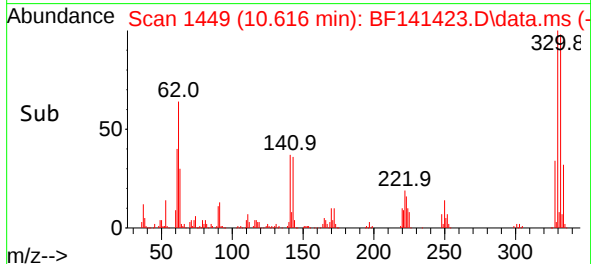
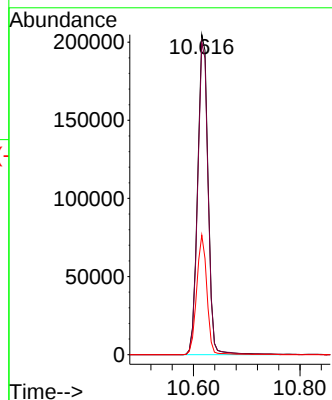
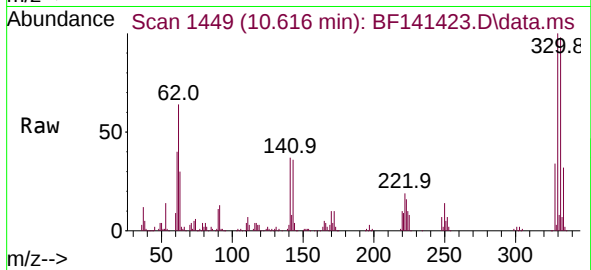




#42
2,4,6-Tribromophenol
Concen: 186.065 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

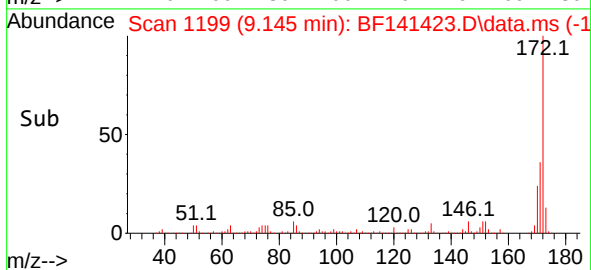
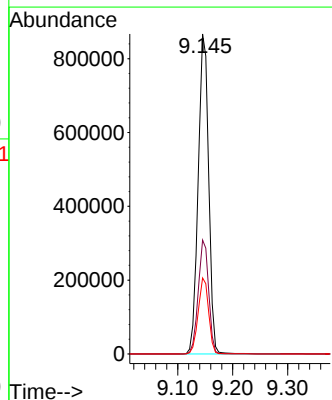
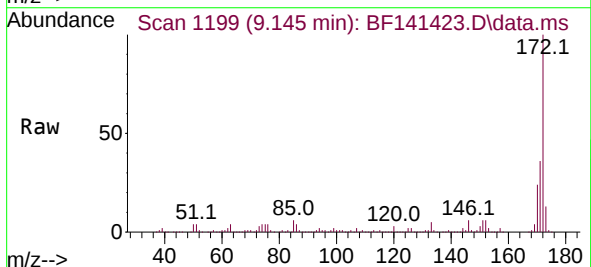
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ClientSampleId :
JPP-16.3-012725

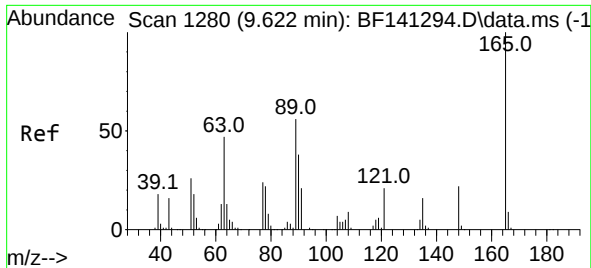
Tgt Ion:330 Resp: 279890
Ion Ratio Lower Upper
330 100
332 96.6 76.1 114.1
141 36.6 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 107.954 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

Tgt Ion:172 Resp: 1150832
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.7 19.0 28.6

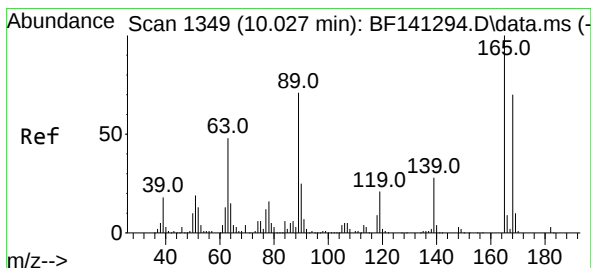
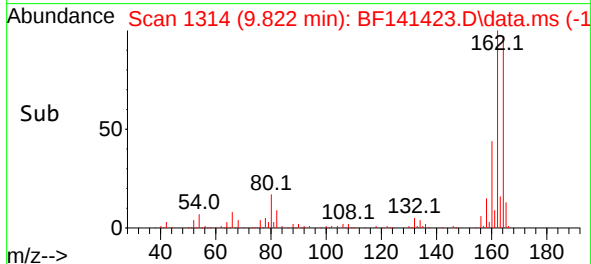
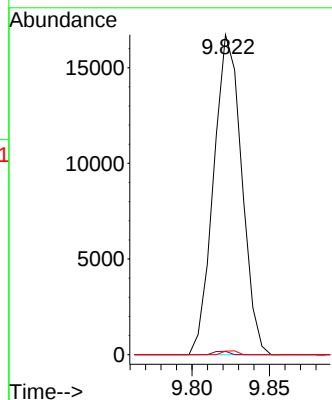
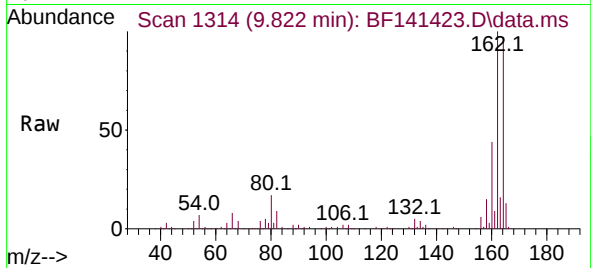




#51
2,6-Dinitrotoluene
Concen: 8.202 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

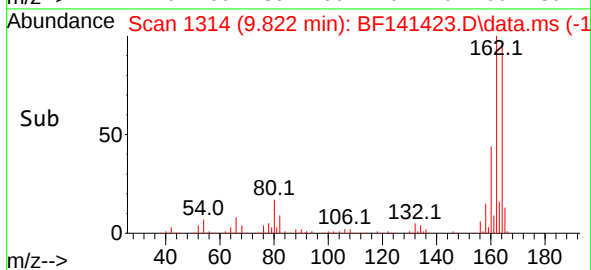
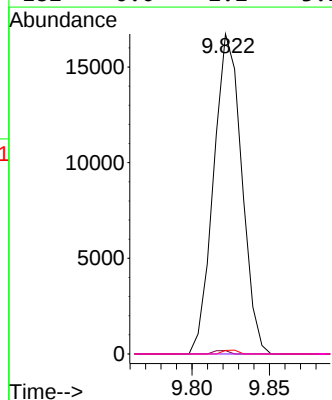
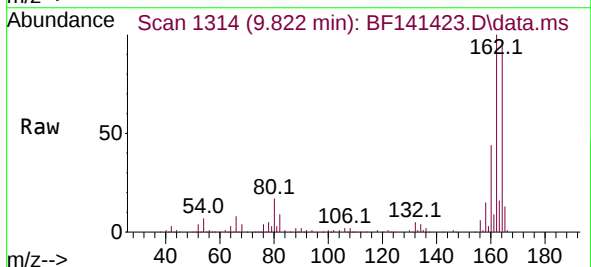
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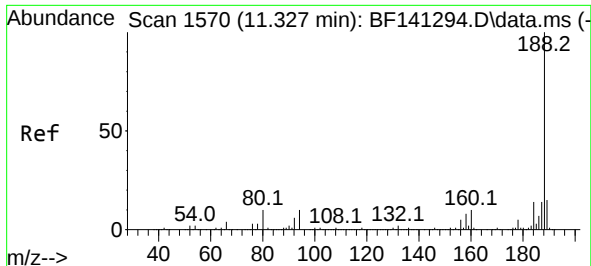
Tgt Ion:165 Resp: 21105
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.1 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.335 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.212 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

Tgt Ion:165 Resp: 21105
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#

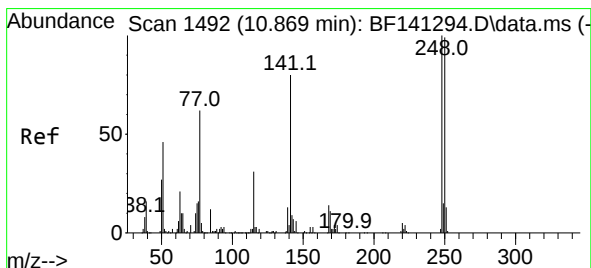
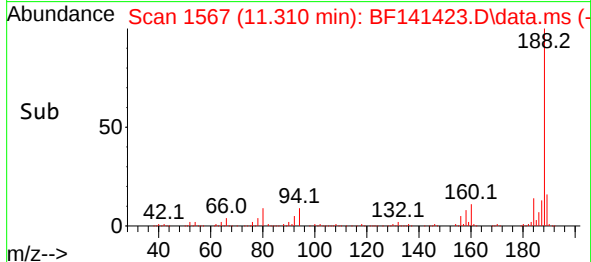
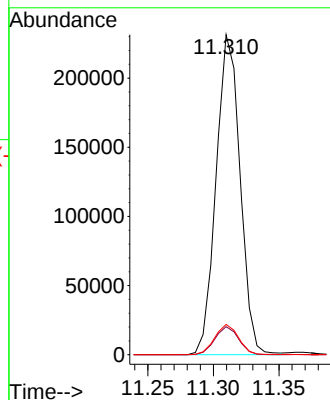
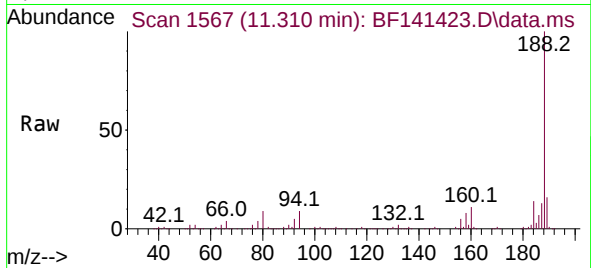




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

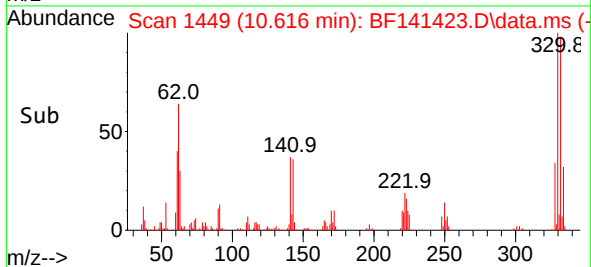
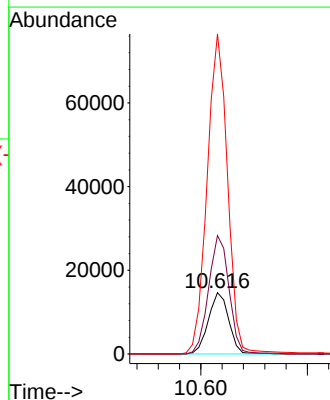
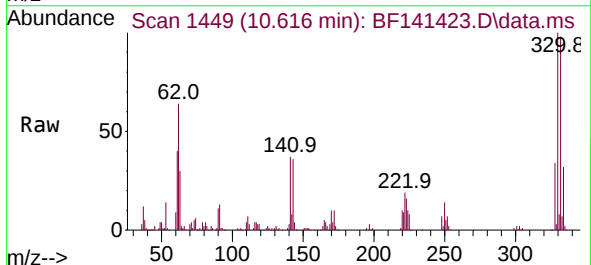
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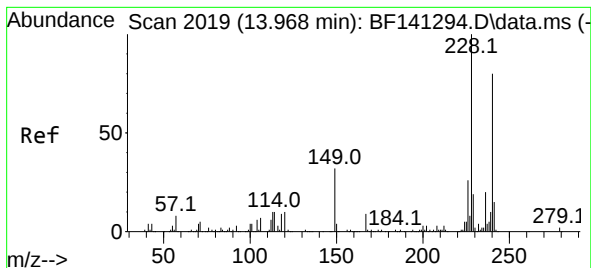
Tgt Ion:188 Resp: 294148
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 5.907 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF141423.D
Acq: 04 Feb 2025 21:45

Tgt Ion:248 Resp: 19451
Ion Ratio Lower Upper
248 100
250 193.3 79.0 118.4#
141 522.5 63.7 95.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.024 min

Lab File: BF141423.D

Acq: 04 Feb 2025 21:45

Instrument :

BNA_F

ClientSampleId :

JPP-16.3-012725

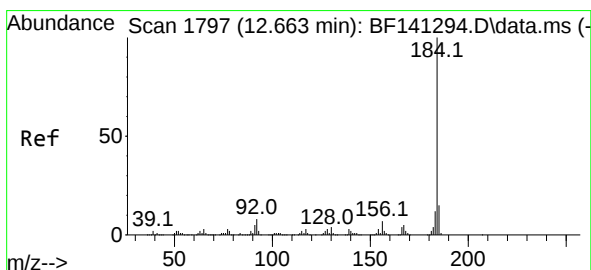
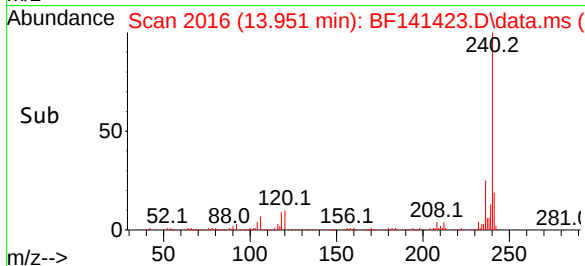
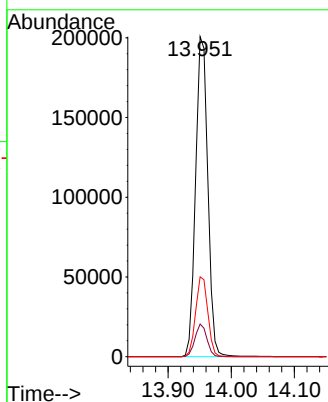
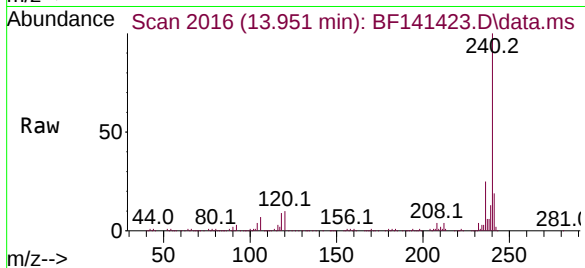
Tgt Ion:240 Resp: 269151

Ion Ratio Lower Upper

240 100

120 10.2 10.0 15.0

236 24.9 19.7 29.5



#77

Benzidine

Concen: 2.382 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.241 min

Lab File: BF141423.D

Acq: 04 Feb 2025 21:45

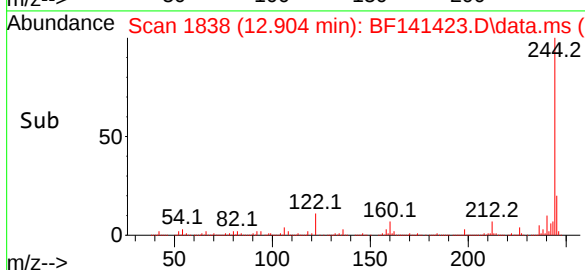
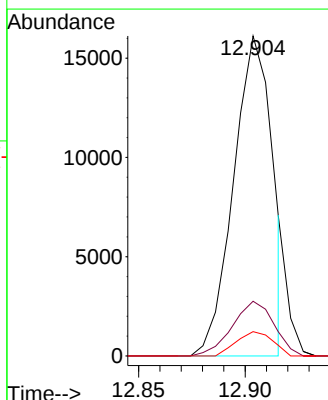
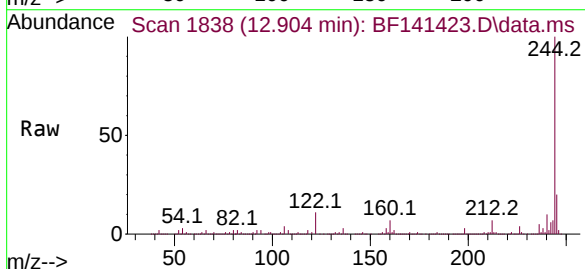
Tgt Ion:184 Resp: 20557

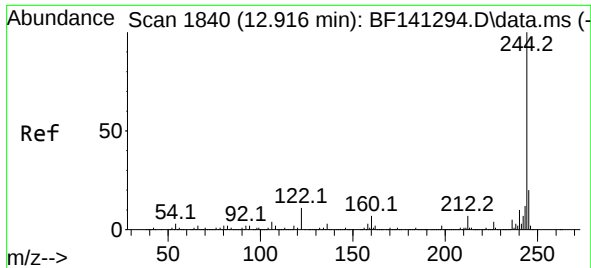
Ion Ratio Lower Upper

184 100

185 17.1 11.9 17.9

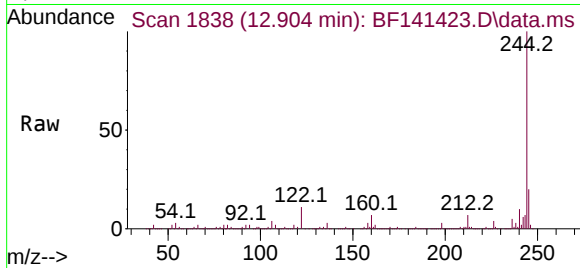
183 7.6 9.5 14.3#



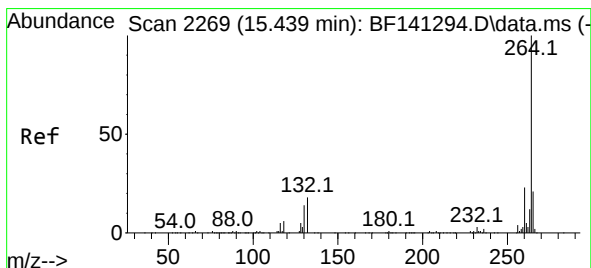
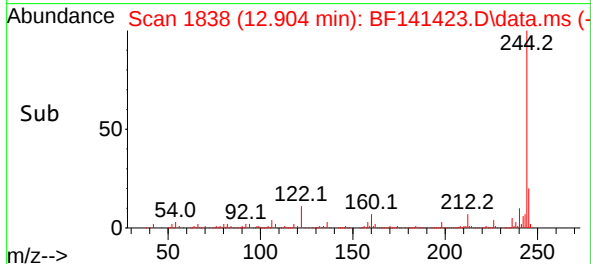
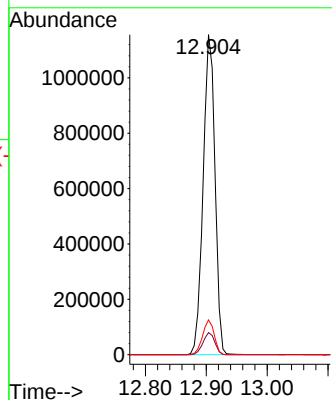


#79
 Terphenyl-d14
 Concen: 89.567 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141423.D
 Acq: 04 Feb 2025 21:45

Instrument :
 BNA_F
 ClientSampleId :
 JPP-16.3-012725



Tgt Ion:244 Resp: 1563183
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2264
 Delta R.T. -0.030 min
 Lab File: BF141423.D
 Acq: 04 Feb 2025 21:45

Tgt Ion:264 Resp: 215370
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.5 16.7 25.1

