

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141416.D
 Acq On : 04 Feb 2025 18:41
 Operator : RC/JU
 Sample : Q1241-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.2-013025

Quant Time: Feb 05 00:32:58 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	6.787	152	74884	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	293134	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	165955	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	299114	20.000	ng	-0.02
76) Chrysene-d12	13.951	240	278625	20.000	ng	-0.02
86) Perylene-d12	15.416	264	231582	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	651769	133.620	ng	0.01
7) Phenol-d6	6.428	99	752641	121.292	ng	-0.01
23) Nitrobenzene-d5	7.351	82	576479	103.673	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	266507	175.169	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1081498	100.306	ng	-0.02
79) Terphenyl-d14	12.904	244	1455130	80.541	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	79770	21.635	ng	# 76
25) Isophorone	7.351	82	571630	59.471	ng	# 64
27) 2,4-Dimethylphenol	7.793	122	11370	3.287	ng	# 4
32) Benzoic acid	7.793	122	11370	3.576	ng	# 97
50) Dimethylphthalate	9.822	163	23611	2.107	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	20838	8.007	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	20838	6.184	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	18277	5.458	ng	# 1
77) Benzidine	12.904	184	19659	2.201	ng	# 92

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

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QLast Update : Wed Jan 29 17:41:25 2025
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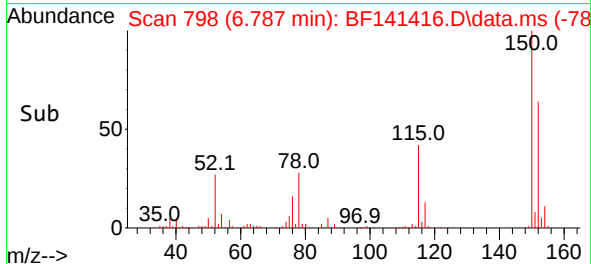
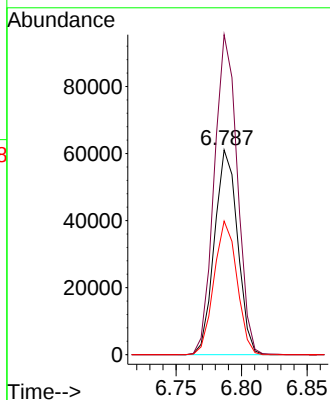
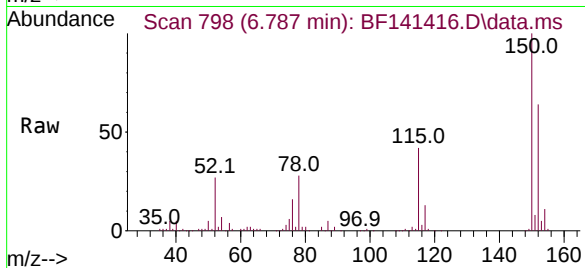




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

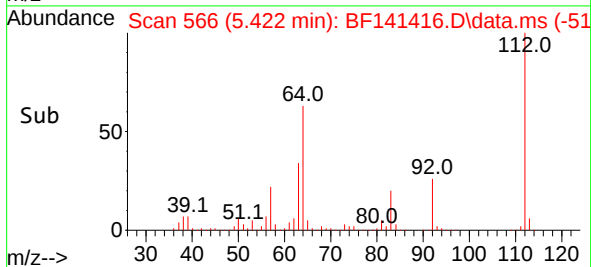
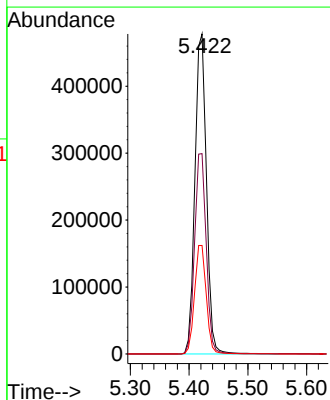
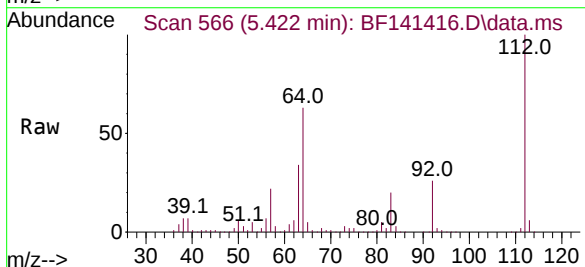
Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

Tgt Ion:152 Resp: 74884
Ion Ratio Lower Upper
152 100
150 156.3 125.9 188.9
115 65.3 49.7 74.5



#5
2-Fluorophenol
Concen: 133.620 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

Tgt Ion:112 Resp: 651769
Ion Ratio Lower Upper
112 100
64 62.6 49.8 74.8
63 33.9 26.1 39.1

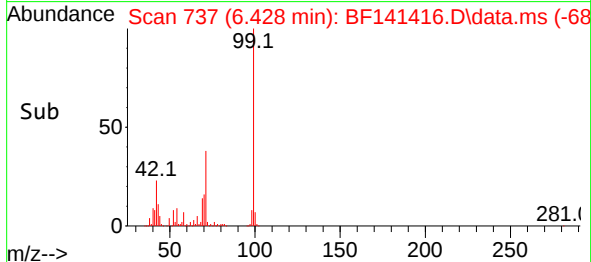
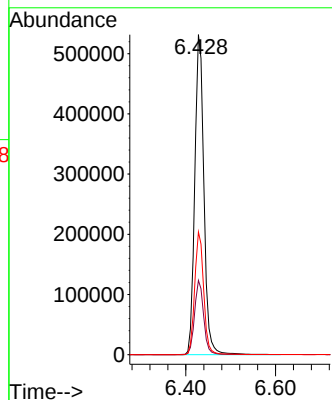
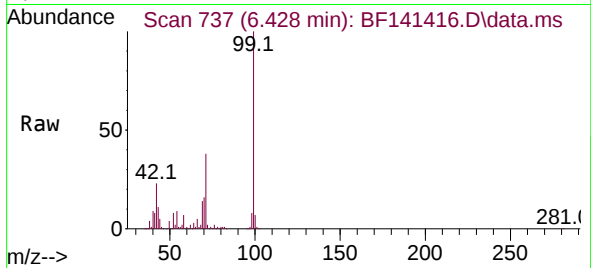




#7
Phenol-d6
Concen: 121.292 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

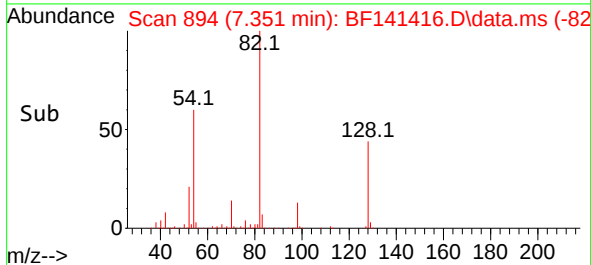
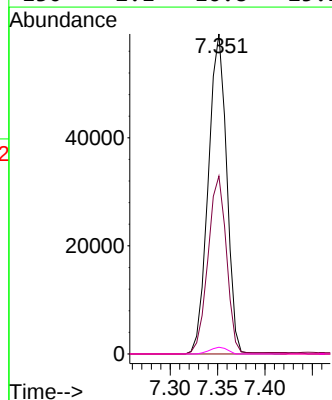
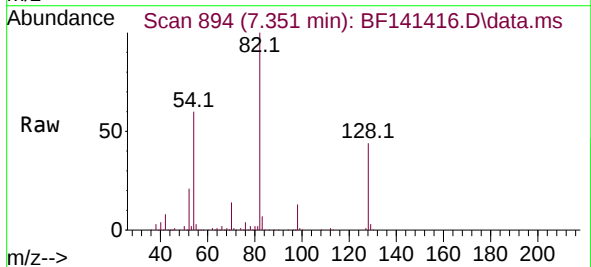
Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

Tgt Ion: 99 Resp: 752641
Ion Ratio Lower Upper
99 100
42 23.2 17.1 25.7
71 38.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.635 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.124 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

Tgt Ion: 70 Resp: 79770
Ion Ratio Lower Upper
70 100
42 55.6 56.8 85.2#
101 0.0 7.7 11.5#
130 2.1 16.8 25.2#



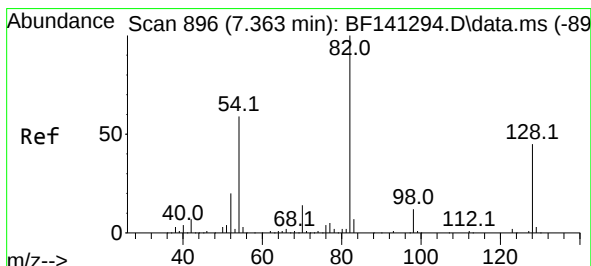
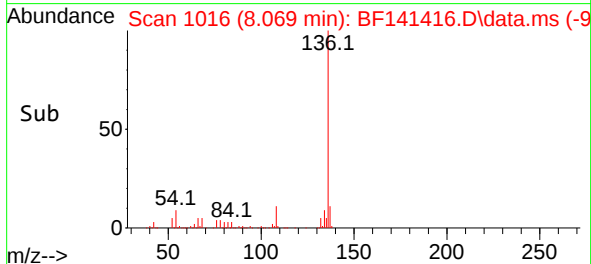
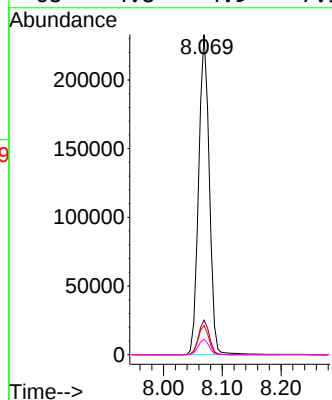
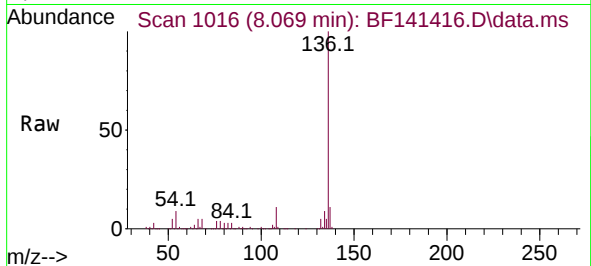


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

Tgt Ion:136 Resp: 293134

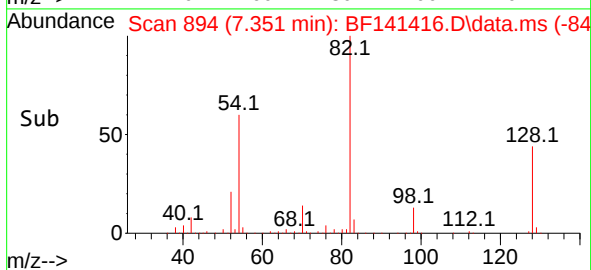
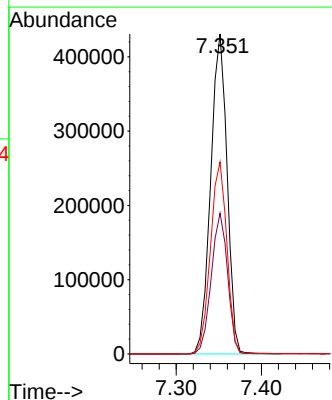
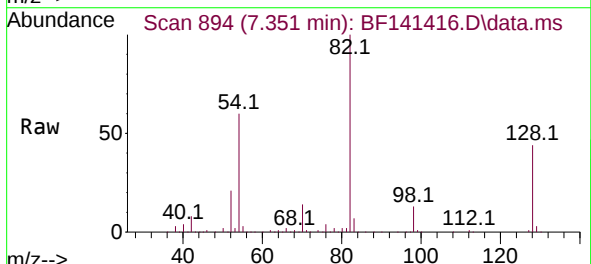
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.1	7.8	11.8
68	4.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 103.673 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

Tgt Ion: 82 Resp: 576479

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.7	53.5
54	60.0	47.1	70.7

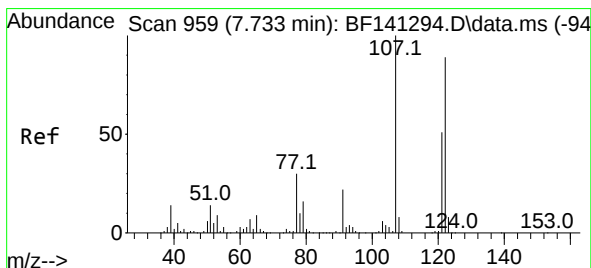
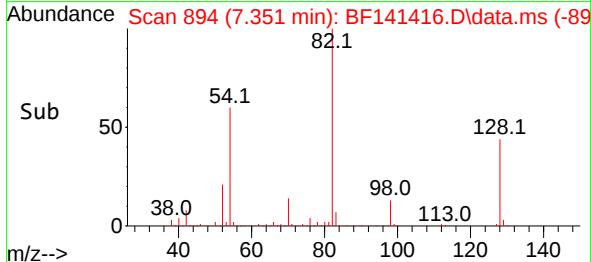
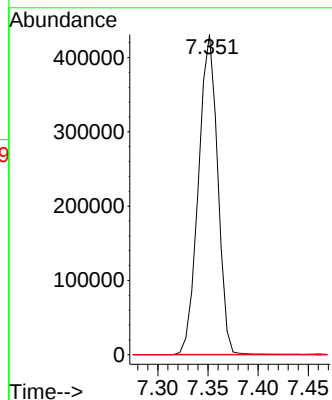
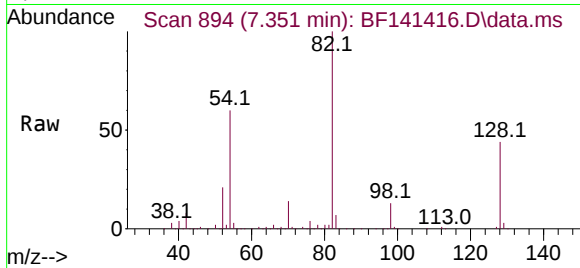




#25
Isophorone
Concen: 59.471 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

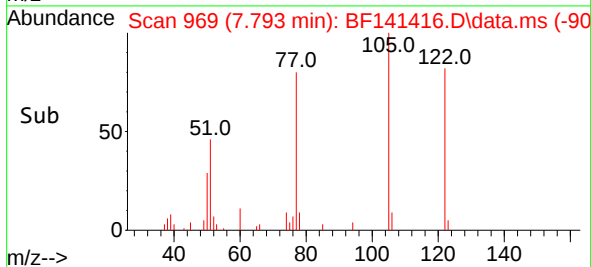
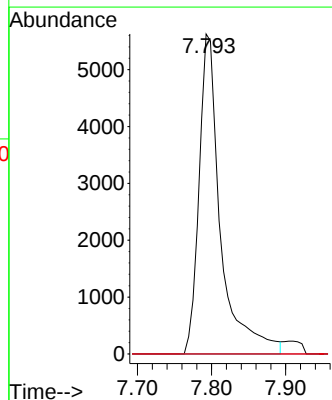
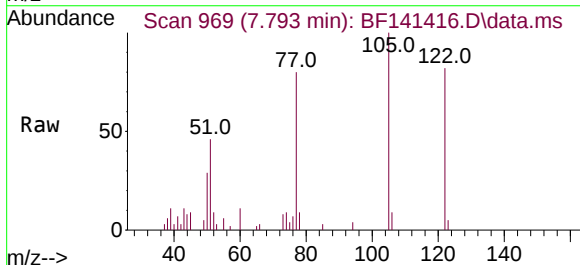
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ClientSampleId :
JPP-5.2-013025

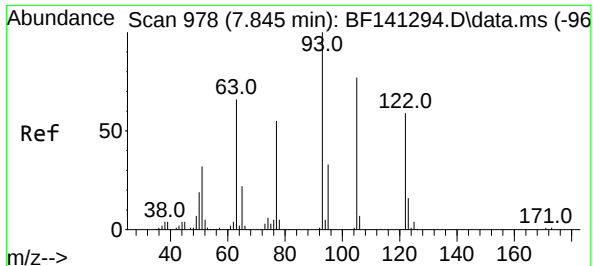
Tgt Ion: 82 Resp: 571630
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#27
2,4-Dimethylphenol
Concen: 3.287 ng
RT: 7.793 min Scan# 969
Delta R.T. 0.053 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

Tgt Ion: 122 Resp: 11370
Ion Ratio Lower Upper
122 100
107 0.0 89.9 134.9#
121 0.0 46.1 69.1#

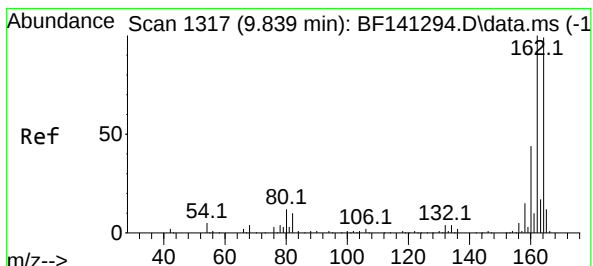
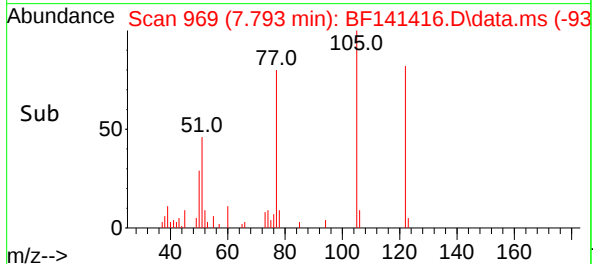
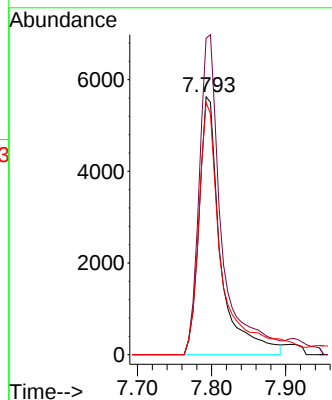
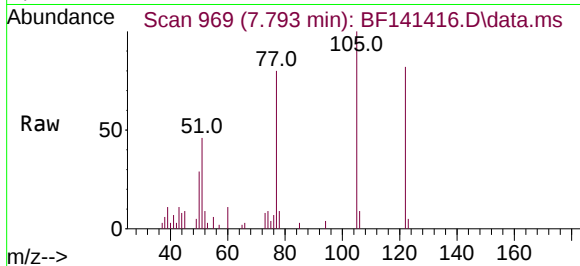




#32
Benzoic acid
Concen: 3.576 ng
RT: 7.793 min Scan# 91
Delta R.T. -0.088 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

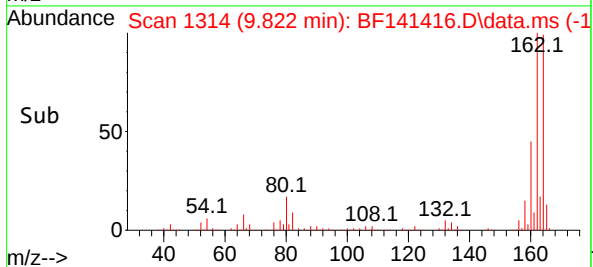
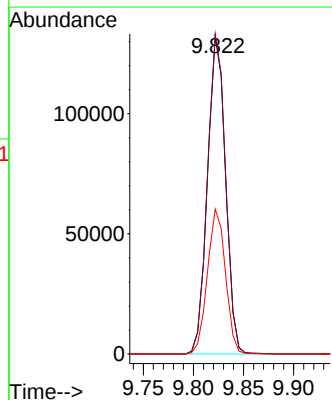
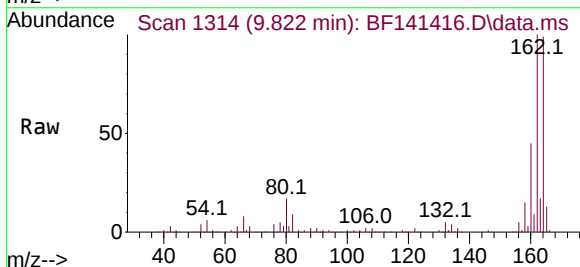
Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

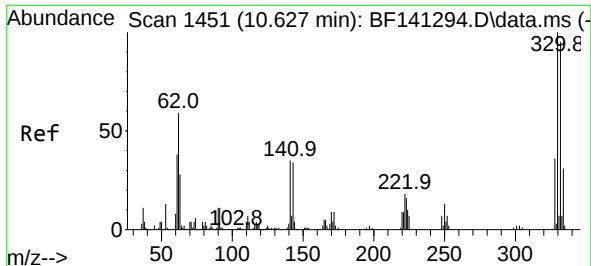
Tgt Ion:122 Resp: 11370
Ion Ratio Lower Upper
122 100
105 122.7 103.4 143.4
77 97.7 70.9 110.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

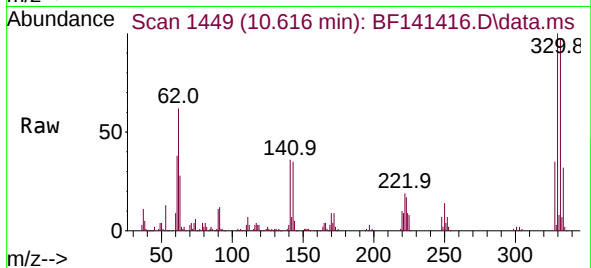
Tgt Ion:164 Resp: 165955
Ion Ratio Lower Upper
164 100
162 100.9 80.6 121.0
160 45.6 35.8 53.6



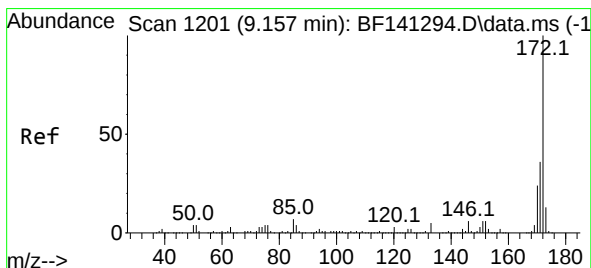
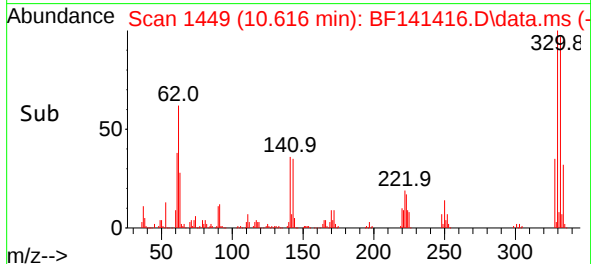
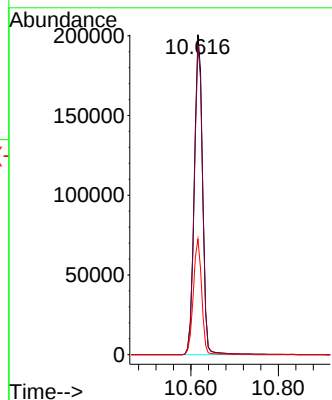


#42
 2,4,6-Tribromophenol
 Concen: 175.169 ng
 RT: 10.616 min Scan# 1449
 Delta R.T. -0.018 min
 Lab File: BF141416.D
 Acq: 04 Feb 2025 18:41

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.2-013025

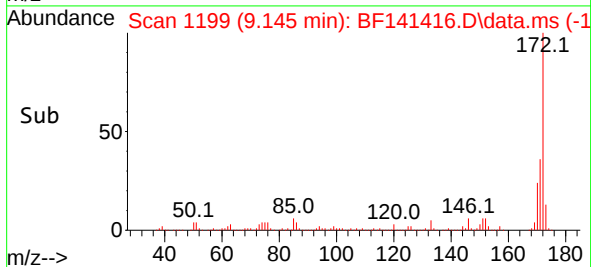
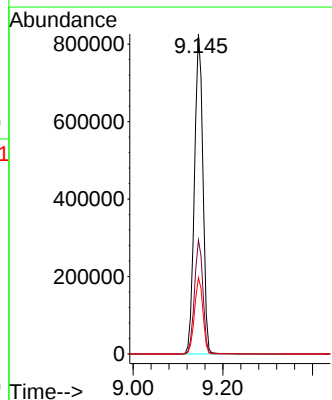
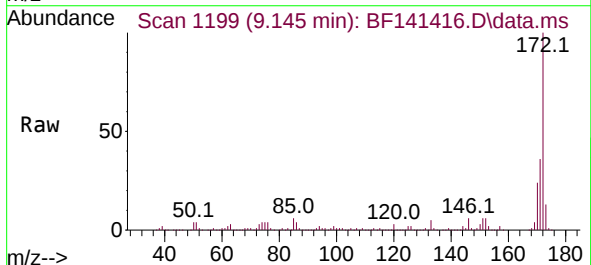


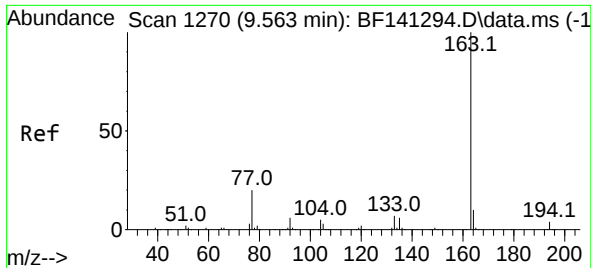
Tgt Ion: 330 Resp: 266507
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.1 114.1
 141 36.0 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 100.306 ng
 RT: 9.145 min Scan# 1199
 Delta R.T. -0.018 min
 Lab File: BF141416.D
 Acq: 04 Feb 2025 18:41

Tgt Ion: 172 Resp: 1081498
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.8 43.2
 170 23.8 19.0 28.6

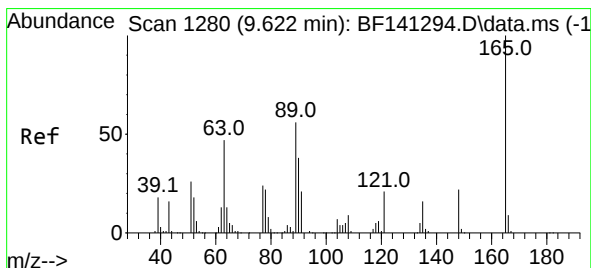
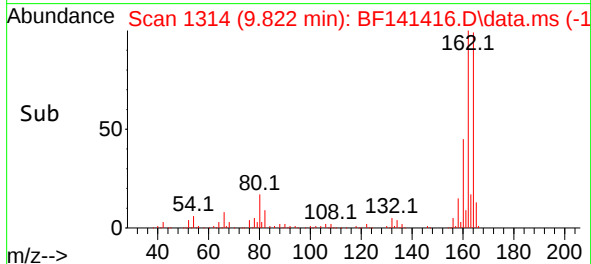
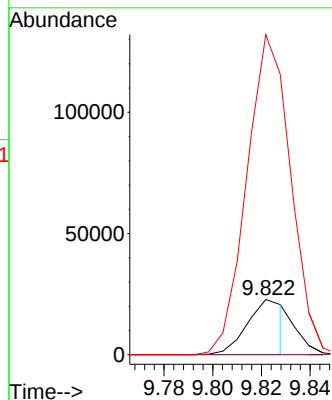
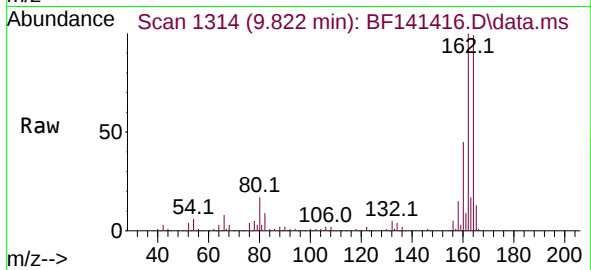




#50
Dimethylphthalate
Concen: 2.107 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.253 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

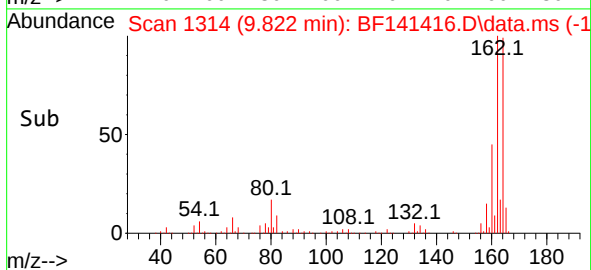
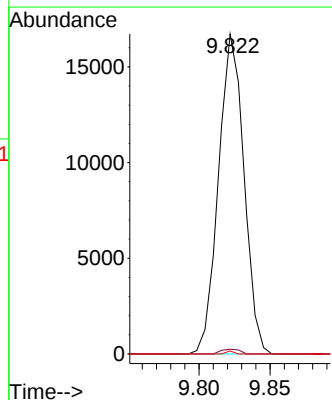
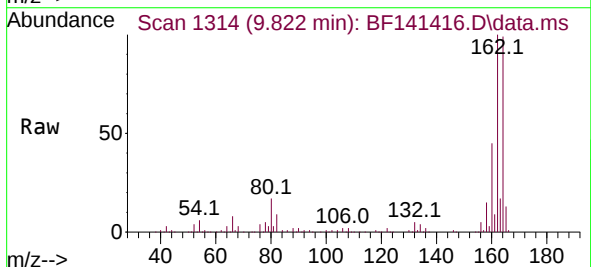
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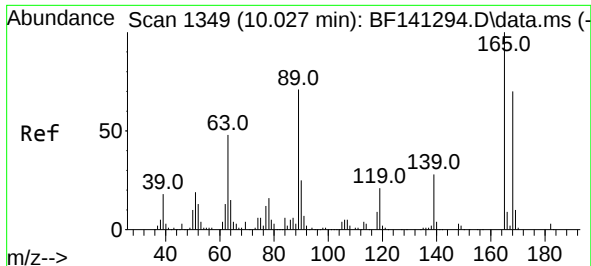
Tgt Ion:163 Resp: 23611
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 580.3 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.007 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

Tgt Ion:165 Resp: 20838
Ion Ratio Lower Upper
165 100
63 1.5 48.1 72.1#
89 1.0 44.9 67.3#

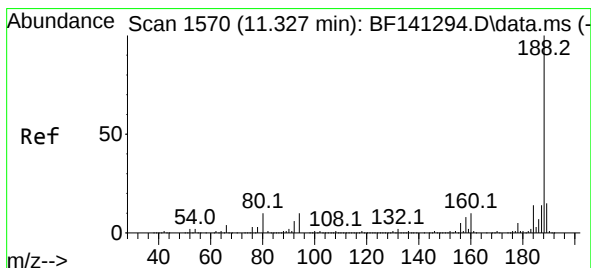
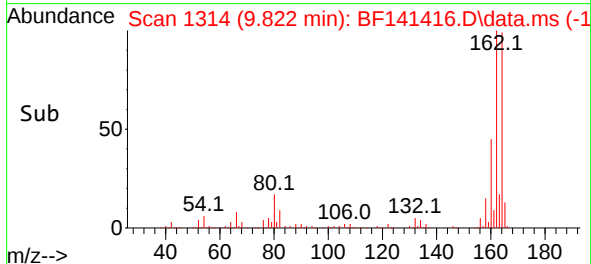
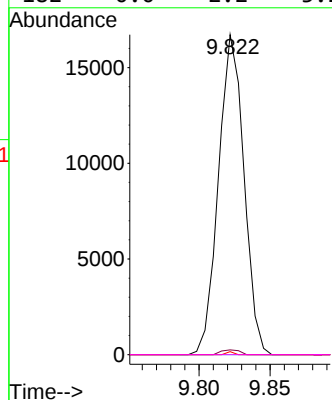
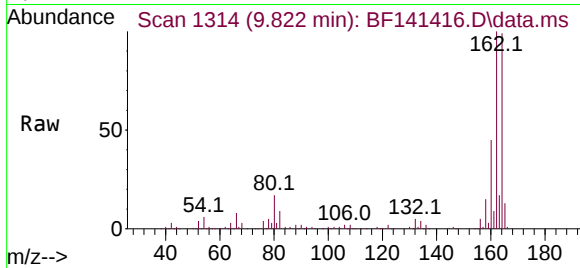




#57
2,4-Dinitrotoluene
Concen: 6.184 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

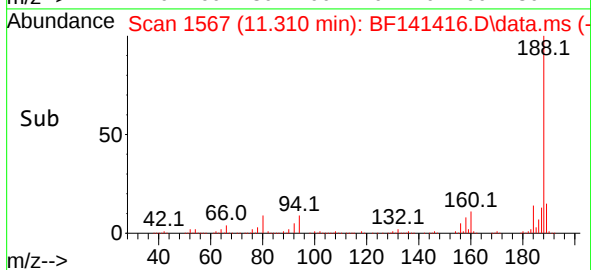
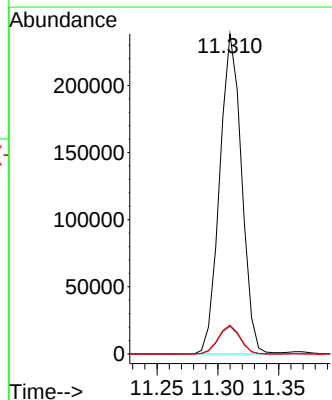
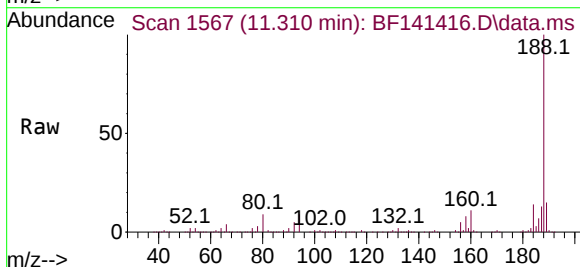
Instrument :
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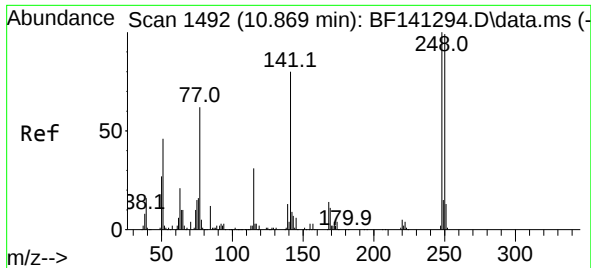
Tgt Ion:165 Resp: 20838
Ion Ratio Lower Upper
165 100
63 1.5 39.2 58.8#
89 1.0 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

Tgt Ion:188 Resp: 299114
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.0 8.2 12.4

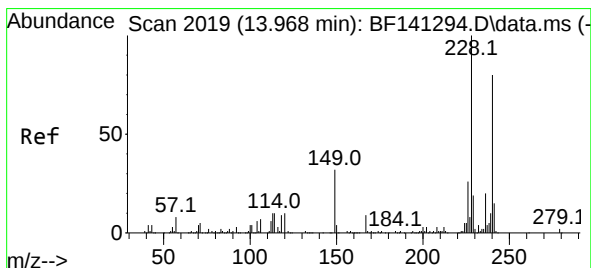
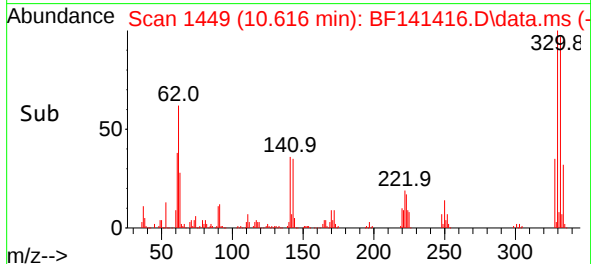
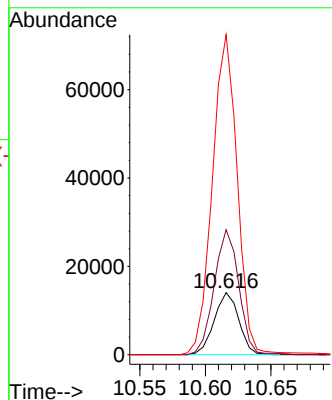
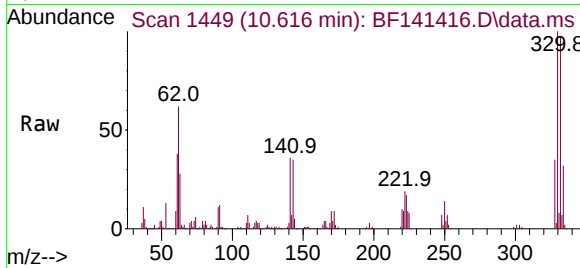




#67
4-Bromophenyl-phenylether
Concen: 5.458 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.259 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

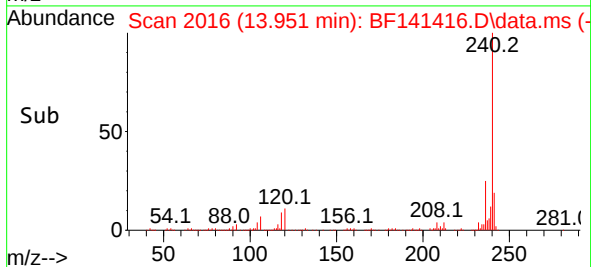
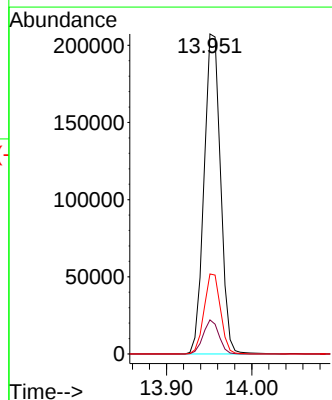
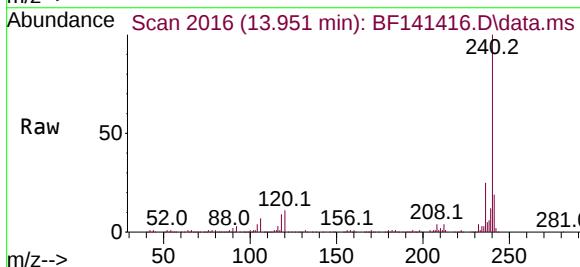
Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

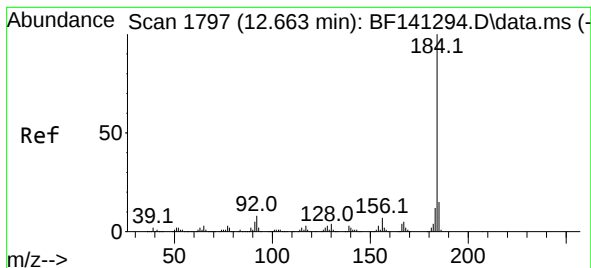
Tgt Ion:248 Resp: 18277
Ion Ratio Lower Upper
248 100
250 201.3 79.0 118.4#
141 515.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.024 min
Lab File: BF141416.D
Acq: 04 Feb 2025 18:41

Tgt Ion:240 Resp: 278625
Ion Ratio Lower Upper
240 100
120 10.6 10.0 15.0
236 25.0 19.7 29.5





#77

Benzidine

Concen: 2.201 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.241 min

Lab File: BF141416.D

Acq: 04 Feb 2025 18:41

Instrument :

BNA_F

ClientSampleId :

JPP-5.2-013025

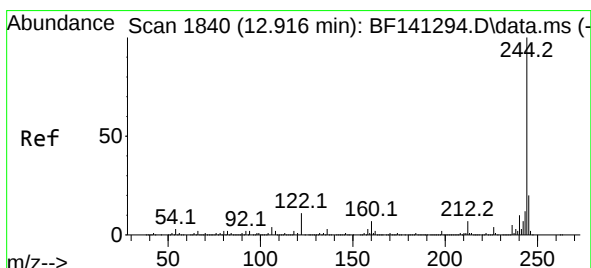
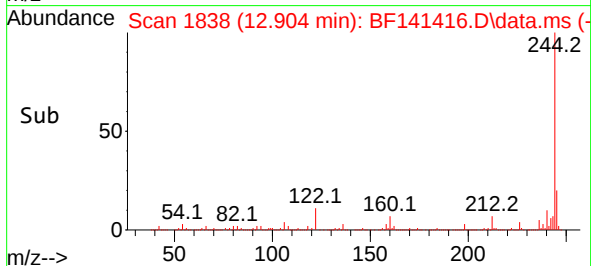
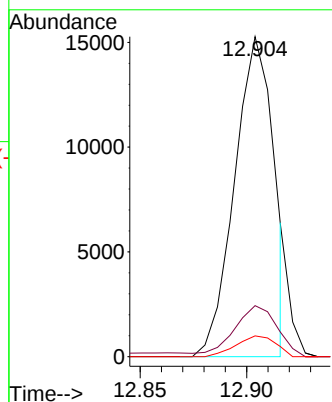
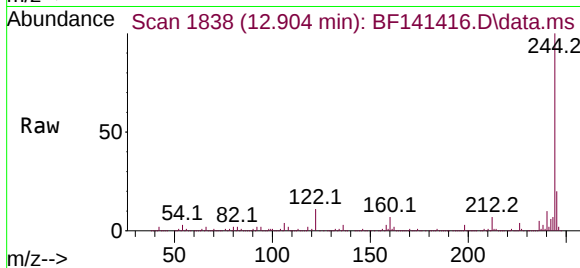
Tgt Ion:184 Resp: 19659

Ion Ratio Lower Upper

184 100

185 16.0 11.9 17.9

183 6.5 9.5 14.3#



#79

Terphenyl-d14

Concen: 80.541 ng

RT: 12.904 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF141416.D

Acq: 04 Feb 2025 18:41

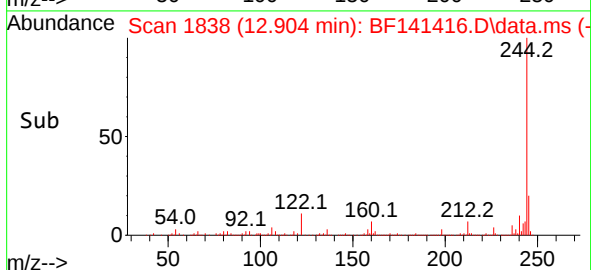
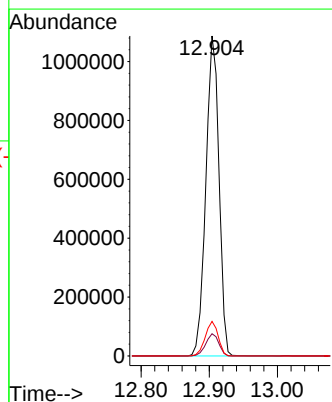
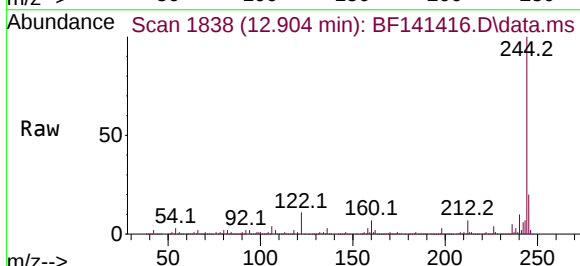
Tgt Ion:244 Resp: 1455130

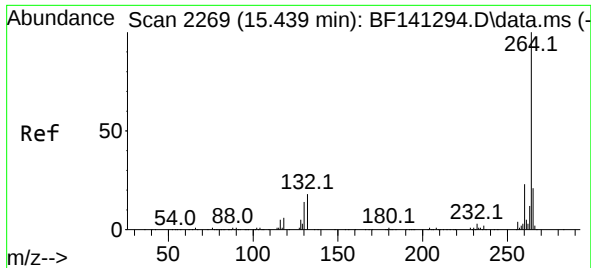
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

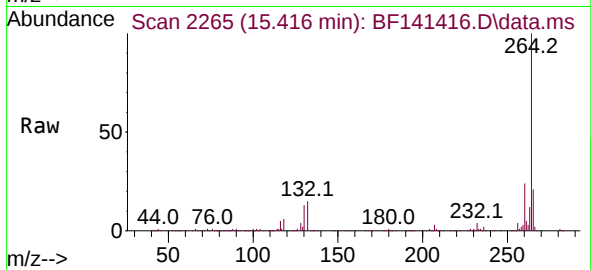
122 10.8 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF141416.D
 Acq: 04 Feb 2025 18:41

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.2-013025



Tgt Ion:264 Resp: 231582
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 21.4 16.7 25.1

