

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141415.D
 Acq On : 04 Feb 2025 18:15
 Operator : RC/JU
 Sample : Q1241-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.3-013025

Quant Time: Feb 05 00:32:40 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)

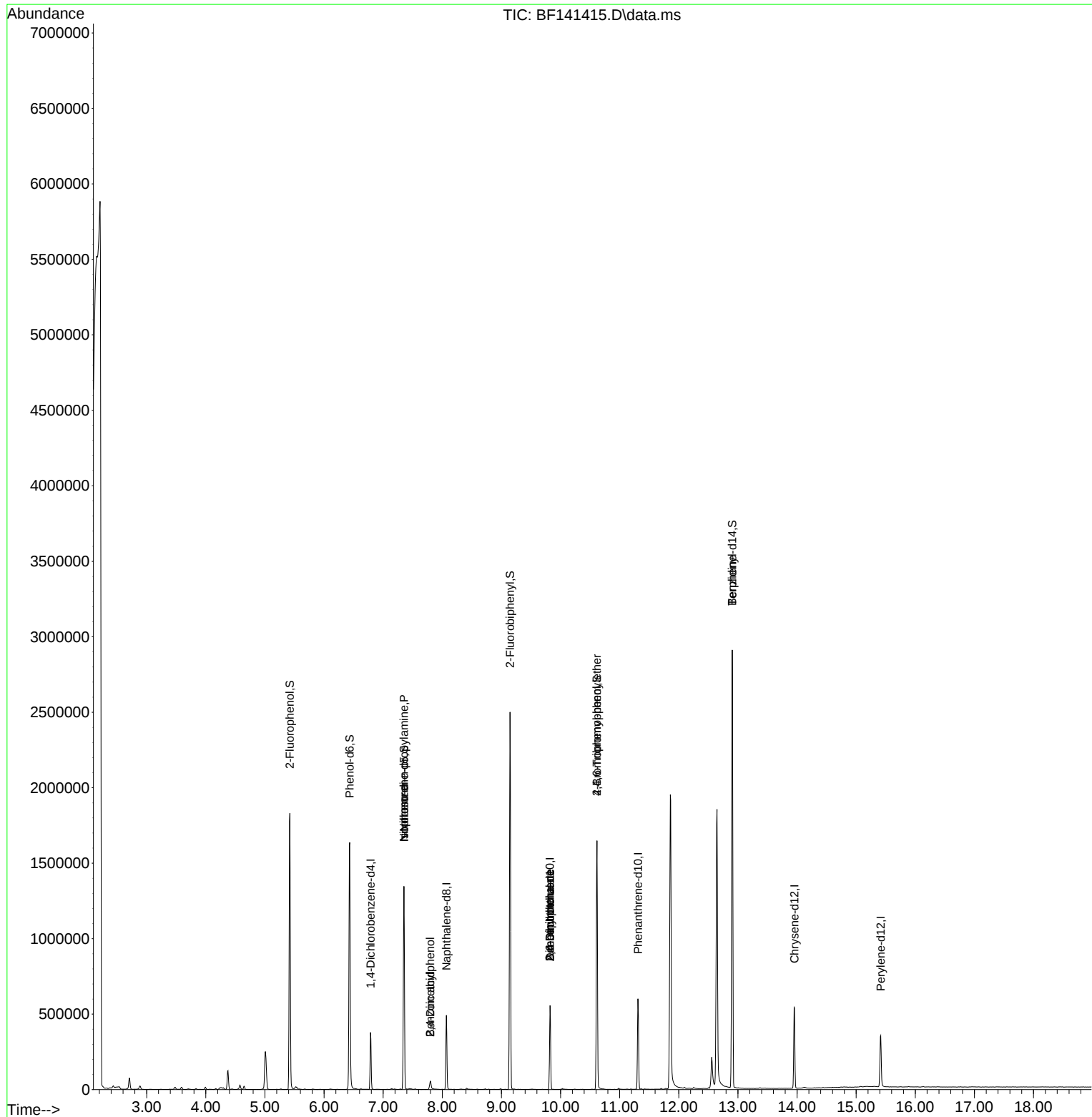
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	73941	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	297316	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	163635	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	296531	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	268605	20.000	ng	#-0.02
86) Perylene-d12	15.416	264	202288	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	675810	140.315	ng	0.01
7) Phenol-d6	6.434	99	774695	126.439	ng	0.00
23) Nitrobenzene-d5	7.351	82	582060	103.204	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	267359	178.221	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1094420	102.944	ng	-0.02
79) Terphenyl-d14	12.904	244	1448018	83.137	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	80128	22.009	ng	# 75
25) Isophorone	7.351	82	577884	59.276	ng	# 64
27) 2,4-Dimethylphenol	7.798	122	19779	5.637	ng	# 4
32) Benzoic acid	7.798	122	19779	6.132	ng	# 99
50) Dimethylphthalate	9.822	163	24109	2.181	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	21073	8.212	ng	# 24
57) 2,4-Dinitrotoluene	9.822	165	21073	6.343	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	18644	5.616	ng	# 1
77) Benzidine	12.904	184	19596	2.276	ng	# 91

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

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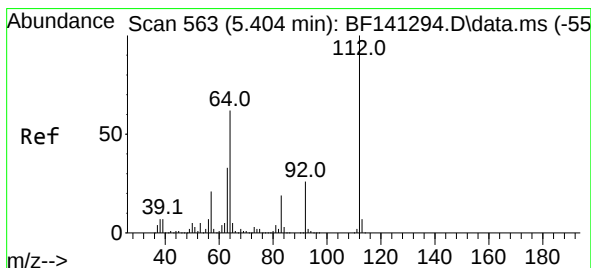
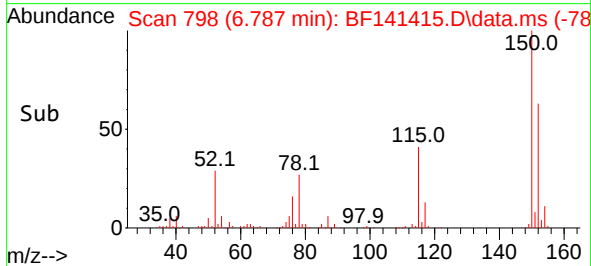
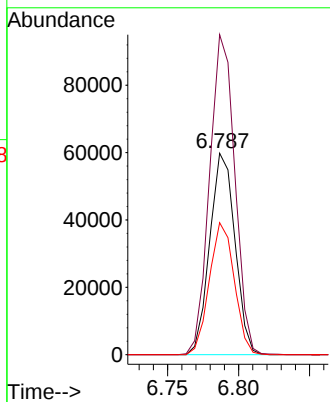
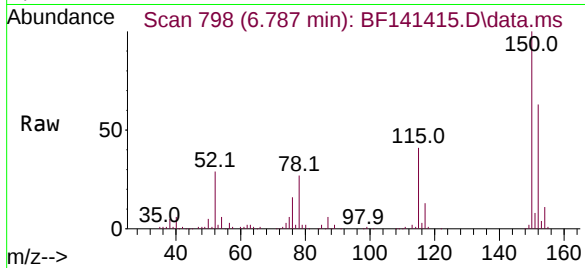




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF141415.D
 Acq: 04 Feb 2025 18:15

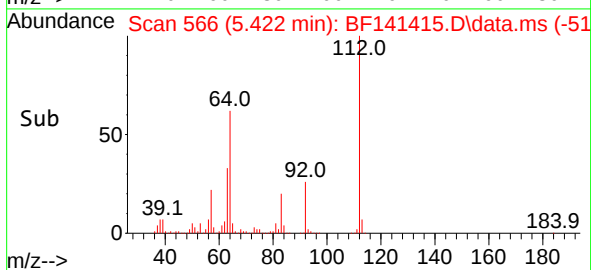
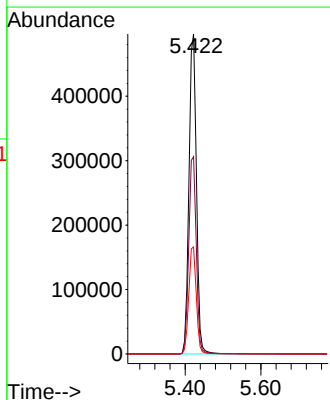
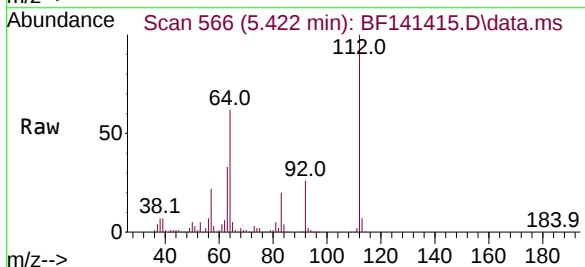
Instrument :
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 ClientSampleId :
 JPP-5.3-013025

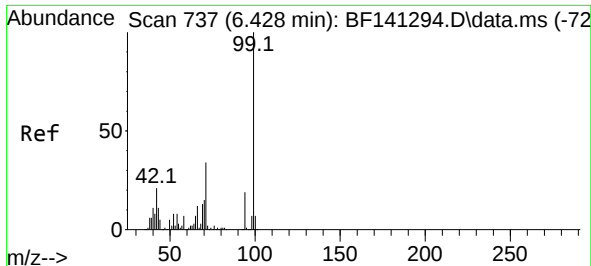
Tgt Ion:152 Resp: 73941
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.9 188.9
 115 65.5 49.7 74.5



#5
 2-Fluorophenol
 Concen: 140.315 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141415.D
 Acq: 04 Feb 2025 18:15

Tgt Ion:112 Resp: 675810
 Ion Ratio Lower Upper
 112 100
 64 61.6 49.8 74.8
 63 33.5 26.1 39.1

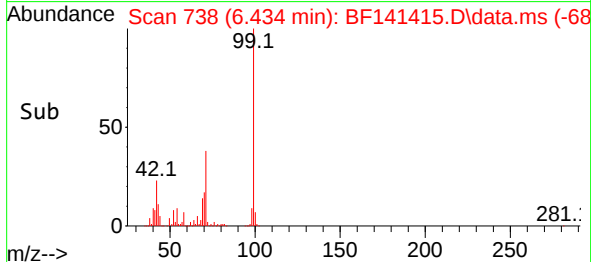
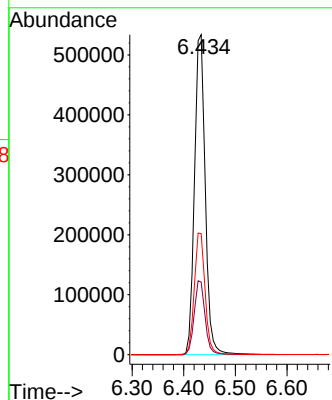
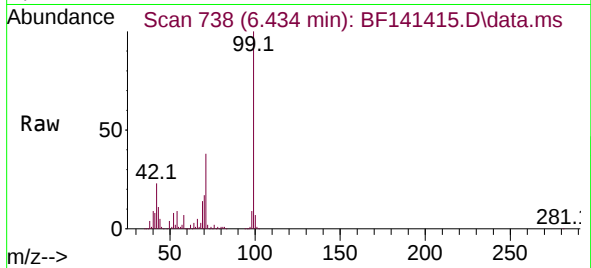




#7
Phenol-d6
Concen: 126.439 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

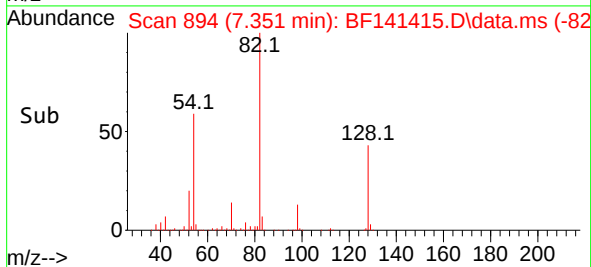
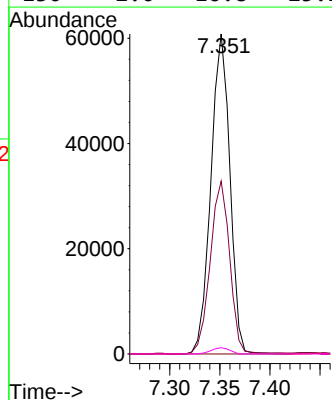
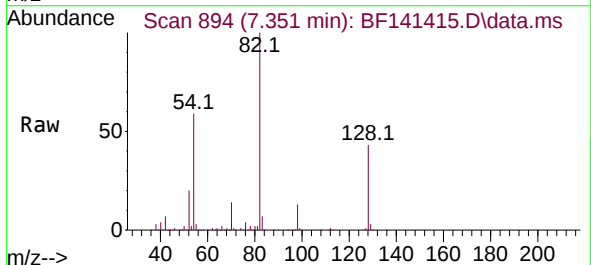
Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion: 99 Resp: 774695
Ion Ratio Lower Upper
99 100
42 22.7 17.1 25.7
71 37.9 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.009 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

Tgt Ion: 70 Resp: 80128
Ion Ratio Lower Upper
70 100
42 54.0 56.8 85.2#
101 0.0 7.7 11.5#
130 2.0 16.8 25.2#

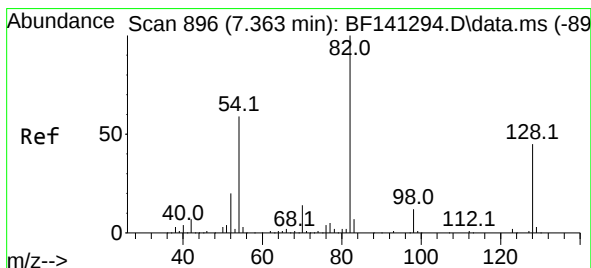
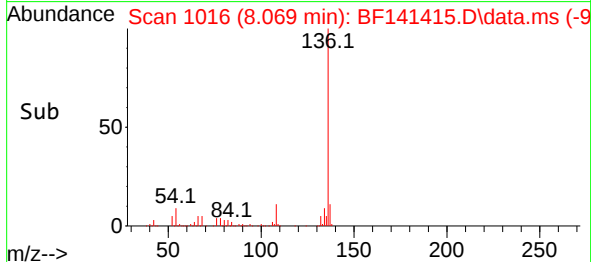
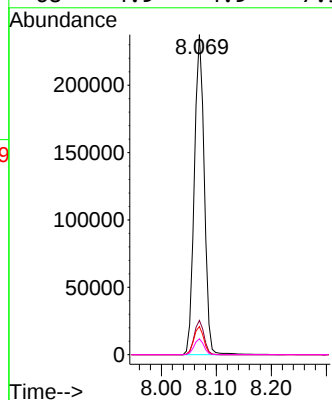
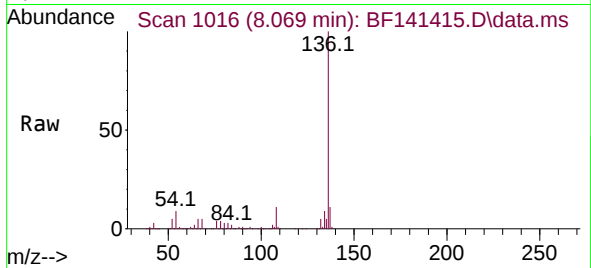




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

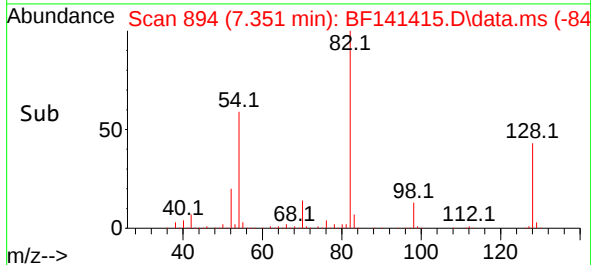
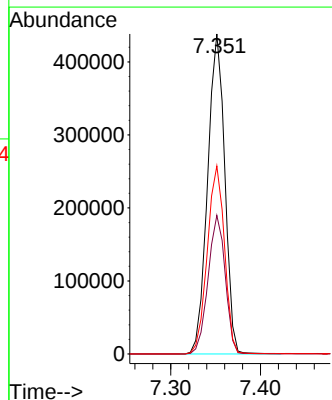
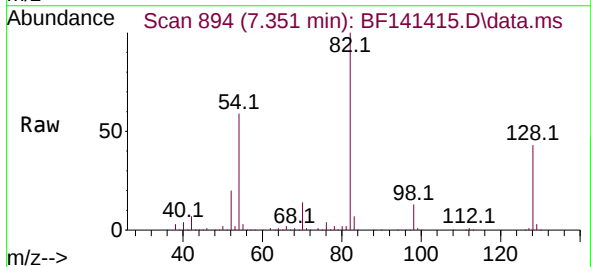
Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:136 Resp: 297316
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.8 7.8 11.8
68 4.9 4.9 7.3



#23
Nitrobenzene-d5
Concen: 103.204 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

Tgt Ion: 82 Resp: 582060
Ion Ratio Lower Upper
82 100
128 43.3 35.7 53.5
54 58.8 47.1 70.7

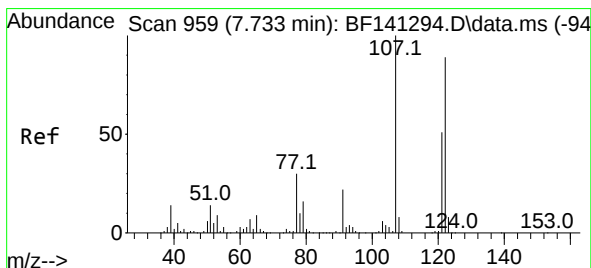
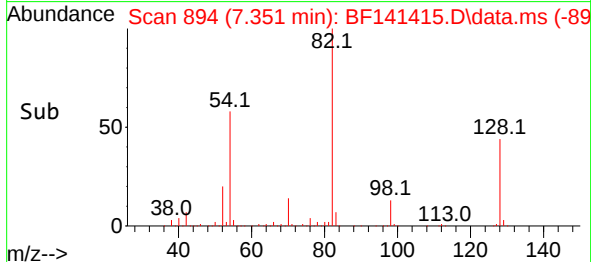
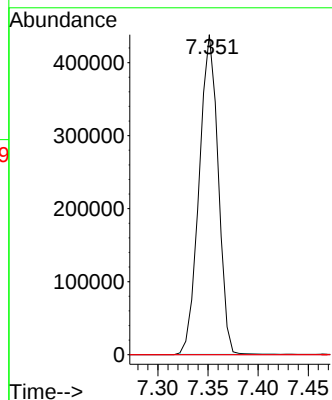
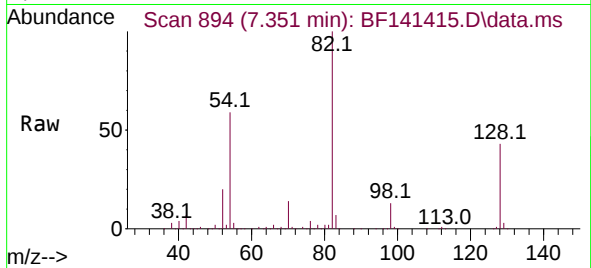




#25
Isophorone
Concen: 59.276 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

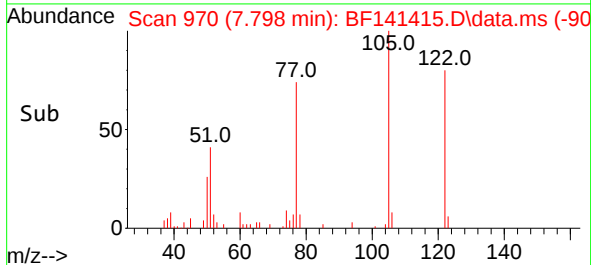
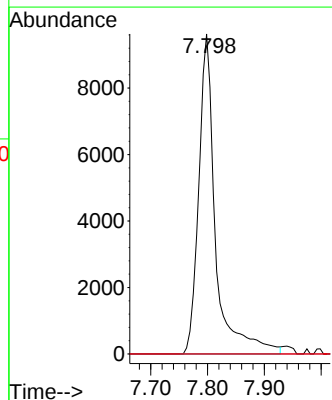
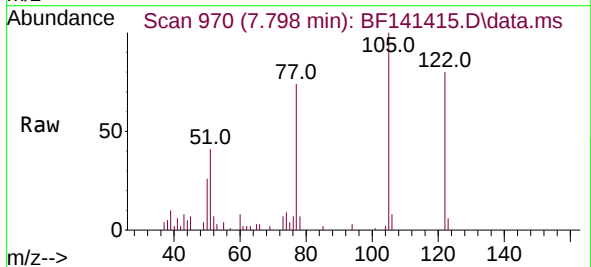
Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

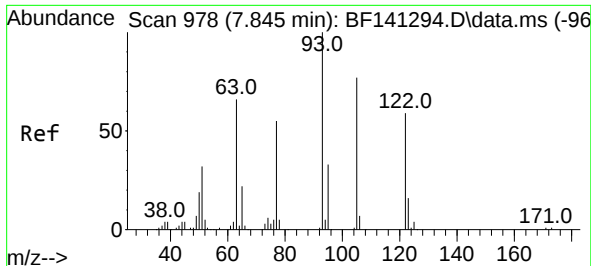
Tgt Ion: 82 Resp: 577884
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#27
2,4-Dimethylphenol
Concen: 5.637 ng
RT: 7.798 min Scan# 970
Delta R.T. 0.059 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

Tgt Ion: 122 Resp: 19779
Ion Ratio Lower Upper
122 100
107 0.0 89.9 134.9#
121 0.0 46.1 69.1#

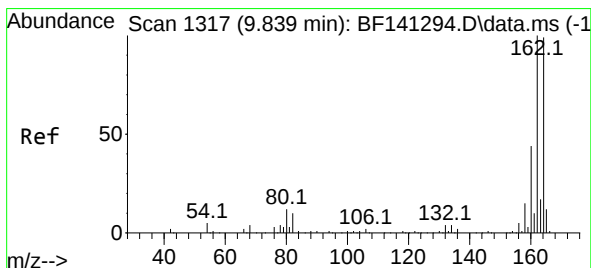
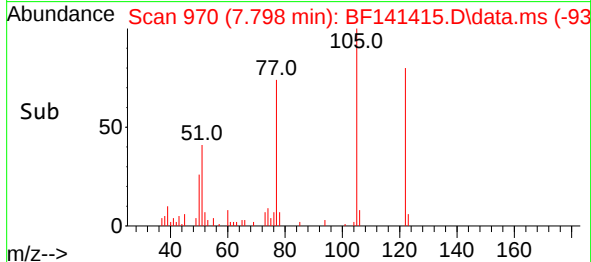
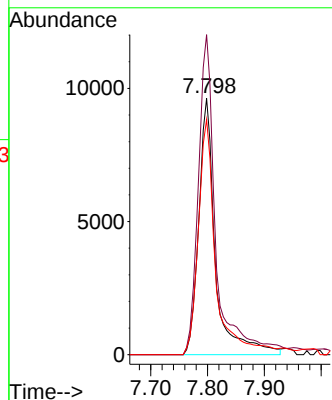
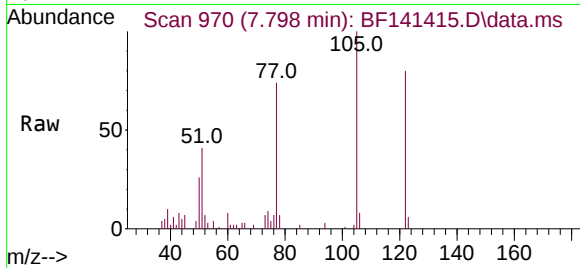




#32
Benzoic acid
Concen: 6.132 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.082 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

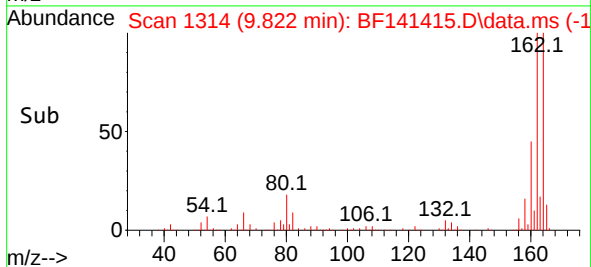
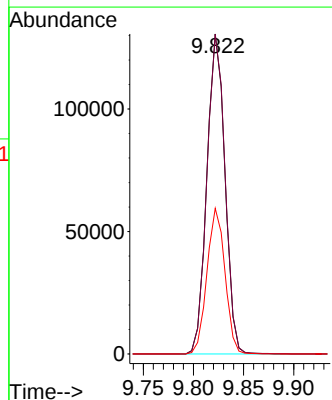
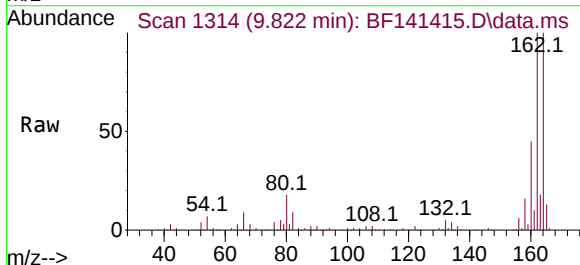
Instrument :
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ClientSampleId :
JPP-5.3-013025

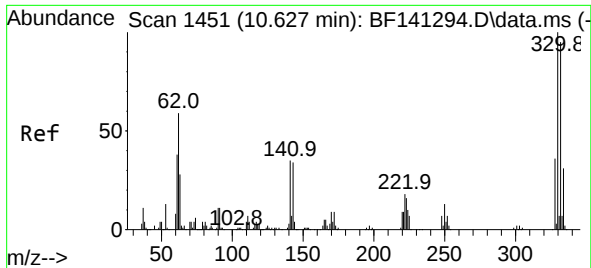
Tgt Ion:122 Resp: 19779
Ion Ratio Lower Upper
122 100
105 124.8 103.4 143.4
77 91.8 70.9 110.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

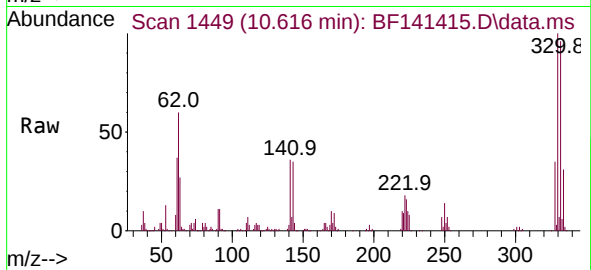
Tgt Ion:164 Resp: 163635
Ion Ratio Lower Upper
164 100
162 99.8 80.6 121.0
160 45.5 35.8 53.6



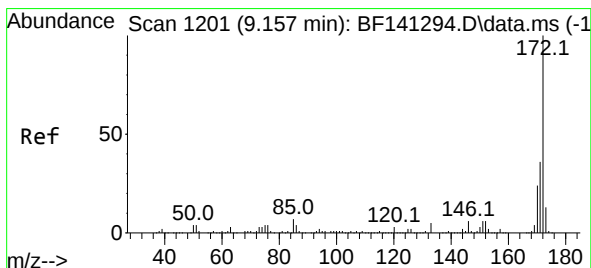
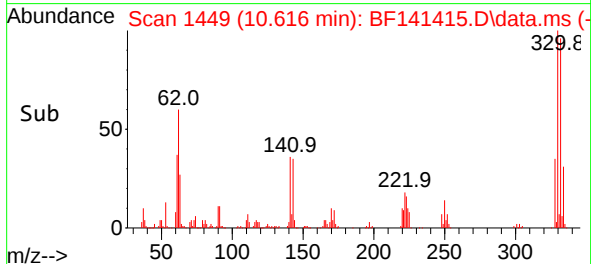
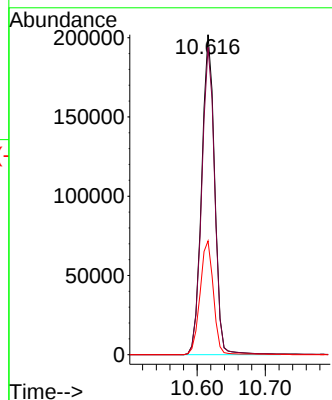


#42
2,4,6-Tribromophenol
Concen: 178.221 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

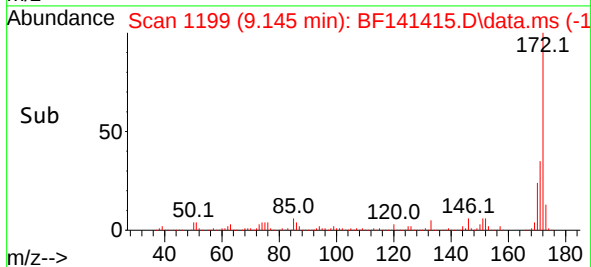
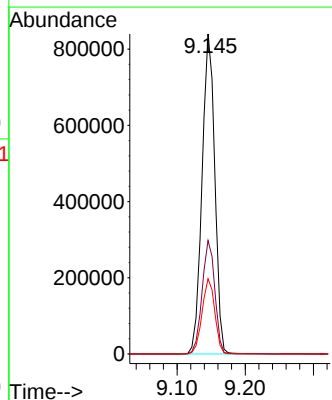
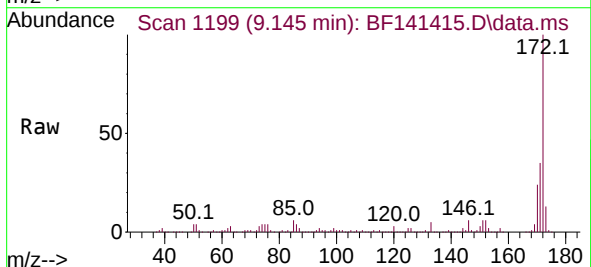


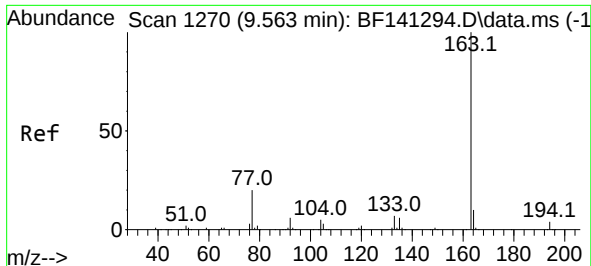
Tgt Ion:330 Resp: 267359
Ion Ratio Lower Upper
330 100
332 96.5 76.1 114.1
141 36.6 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 102.944 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

Tgt Ion:172 Resp: 1094420
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.5 19.0 28.6

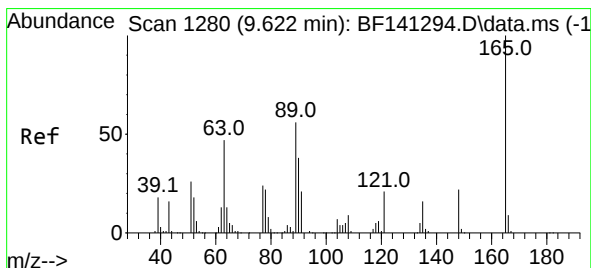
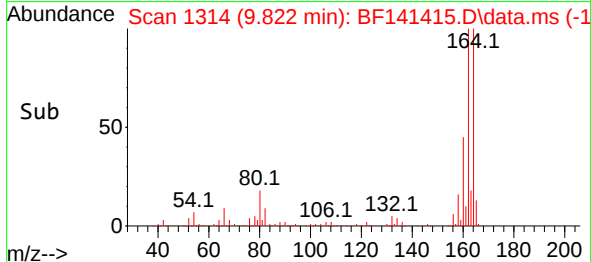
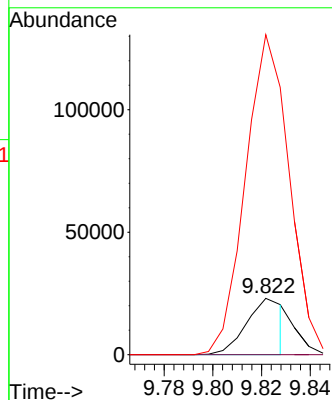
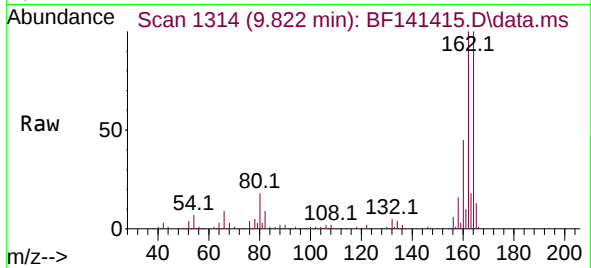




#50
Dimethylphthalate
Concen: 2.181 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.253 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

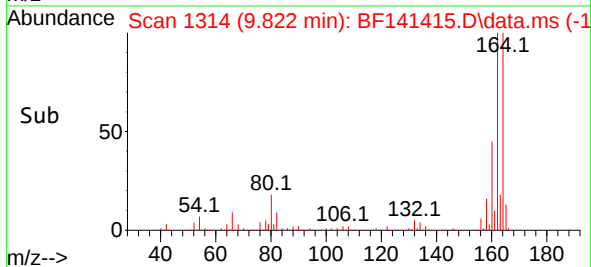
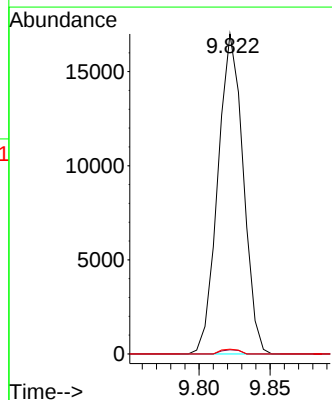
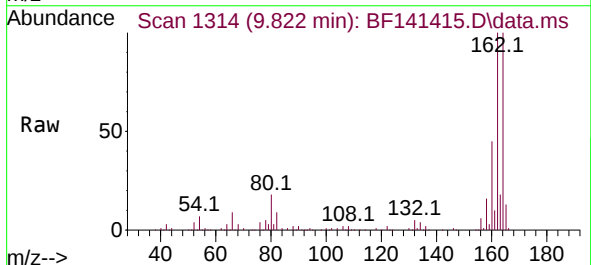
Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

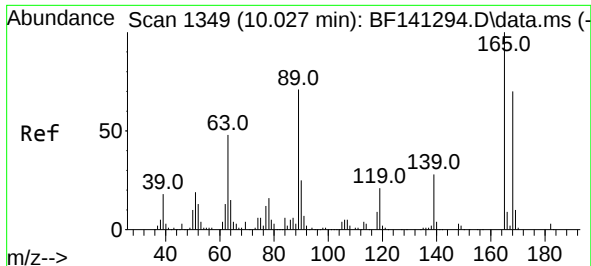
Tgt Ion:163 Resp: 24109
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 567.9 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.212 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

Tgt Ion:165 Resp: 21073
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.5 44.9 67.3#

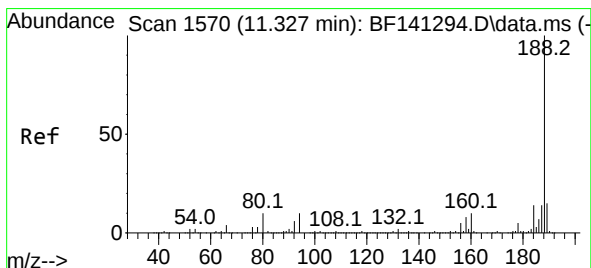
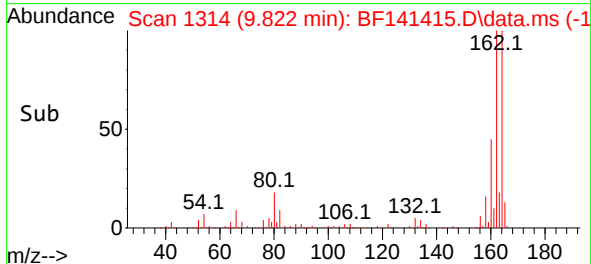
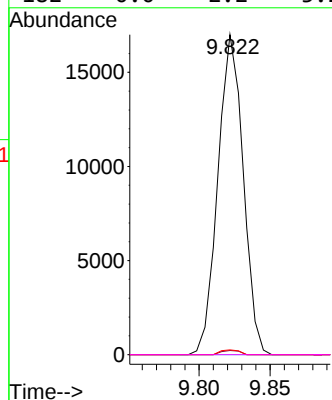
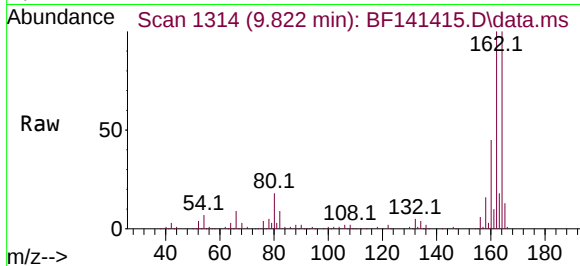




#57
2,4-Dinitrotoluene
Concen: 6.343 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

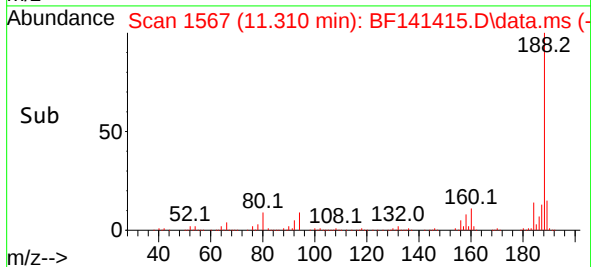
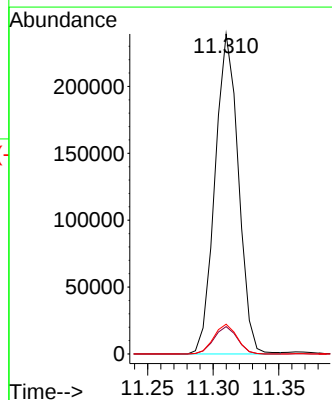
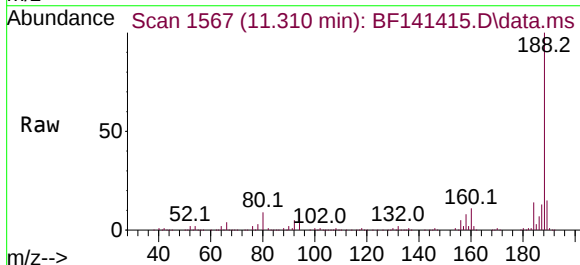
Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

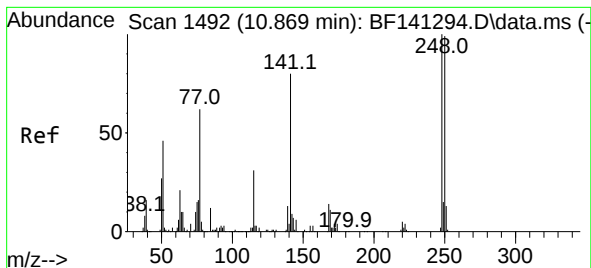
Tgt Ion:165 Resp: 21073
Ion Ratio Lower Upper
165 100
63 1.3 39.2 58.8#
89 1.5 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

Tgt Ion:188 Resp: 296531
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 9.3 8.2 12.4

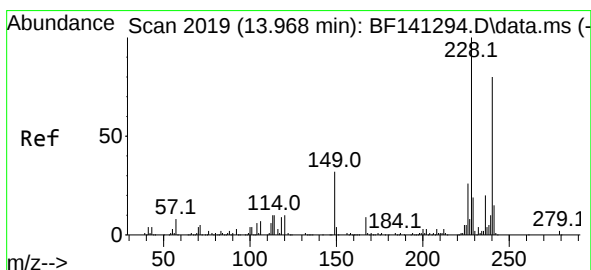
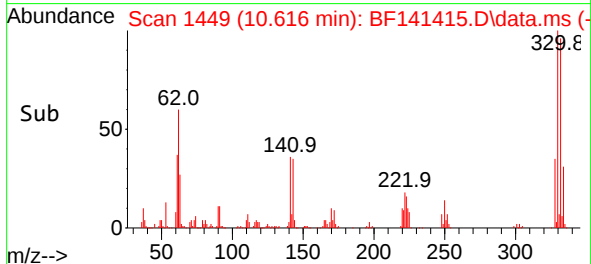
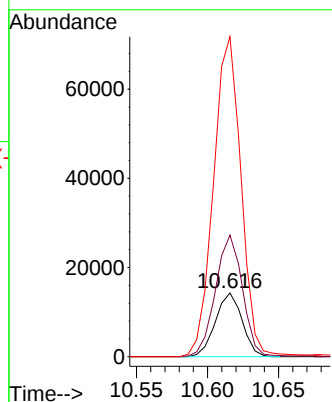
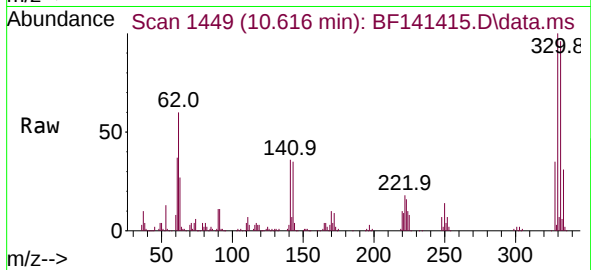




#67
4-Bromophenyl-phenylether
Concen: 5.616 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

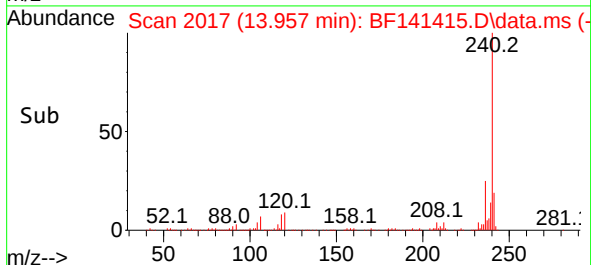
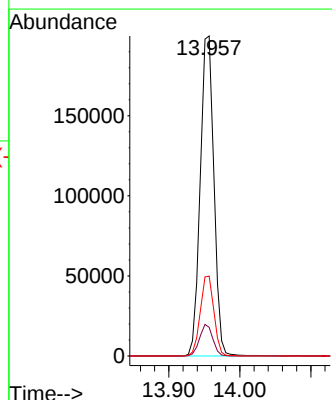
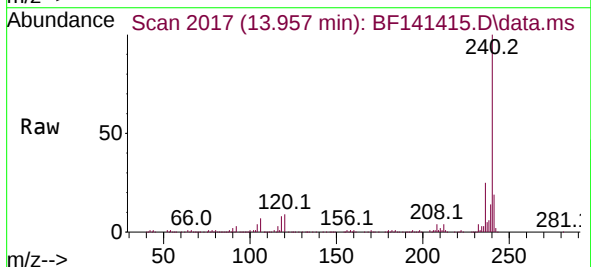
Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

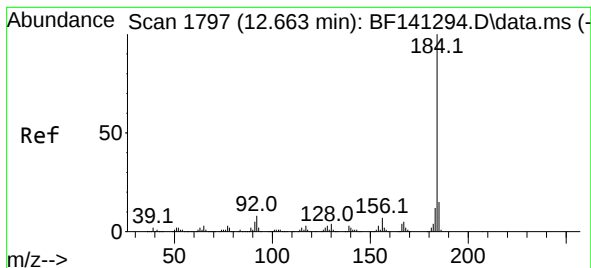
Tgt Ion:248 Resp: 18644
Ion Ratio Lower Upper
248 100
250 191.1 79.0 118.4#
141 502.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

Tgt Ion:240 Resp: 268605
Ion Ratio Lower Upper
240 100
120 9.0 10.0 15.0#
236 24.9 19.7 29.5





#77

Benzidine

Concen: 2.276 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.241 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

Instrument :

BNA_F

ClientSampleId :

JPP-5.3-013025

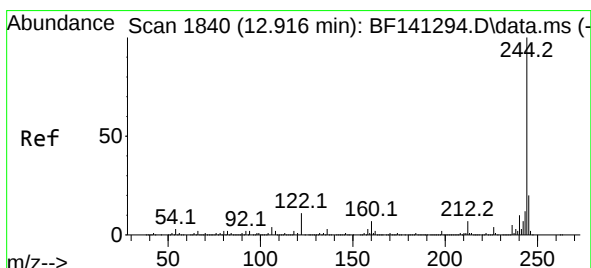
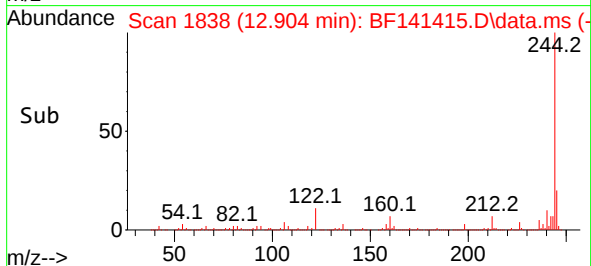
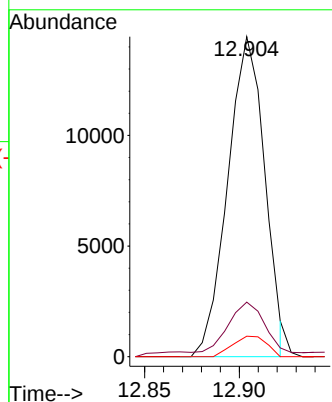
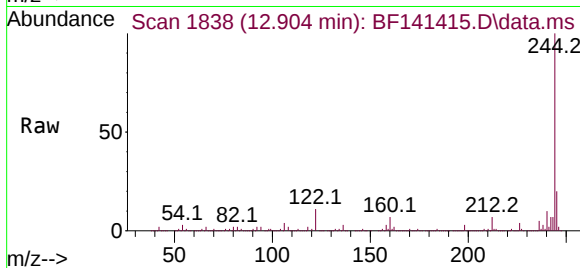
Tgt Ion:184 Resp: 19596

Ion Ratio Lower Upper

184 100

185 17.0 11.9 17.9

183 6.4 9.5 14.3#



#79

Terphenyl-d14

Concen: 83.137 ng

RT: 12.904 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

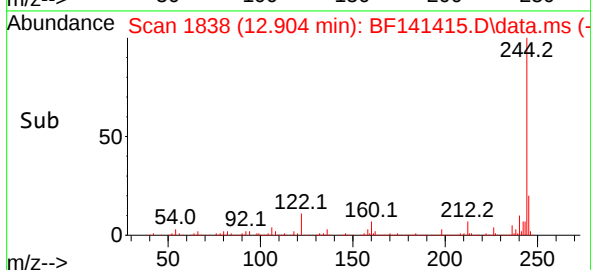
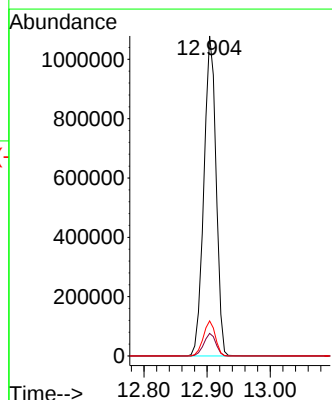
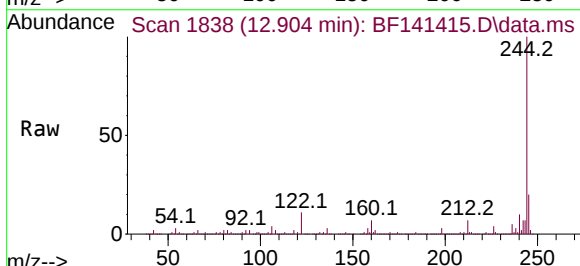
Tgt Ion:244 Resp: 1448018

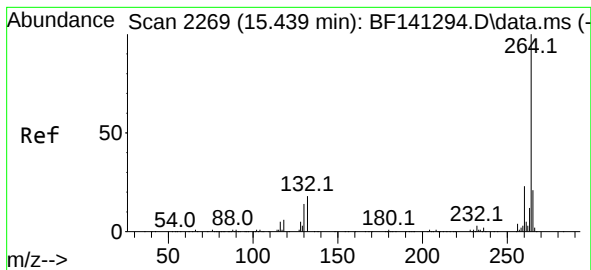
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 10.9 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: BF141415.D

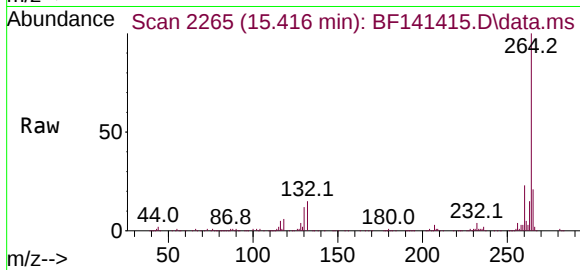
Acq: 04 Feb 2025 18:15

Instrument :

BNA_F

ClientSampleId :

JPP-5.3-013025



Tgt Ion:264 Resp: 202288

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.3 16.7 25.1

