

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141494.D
 Acq On : 06 Feb 2025 21:30
 Operator : RC/JU
 Sample : Q1216-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-18.1-012825

Quant Time: Feb 07 01:57:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

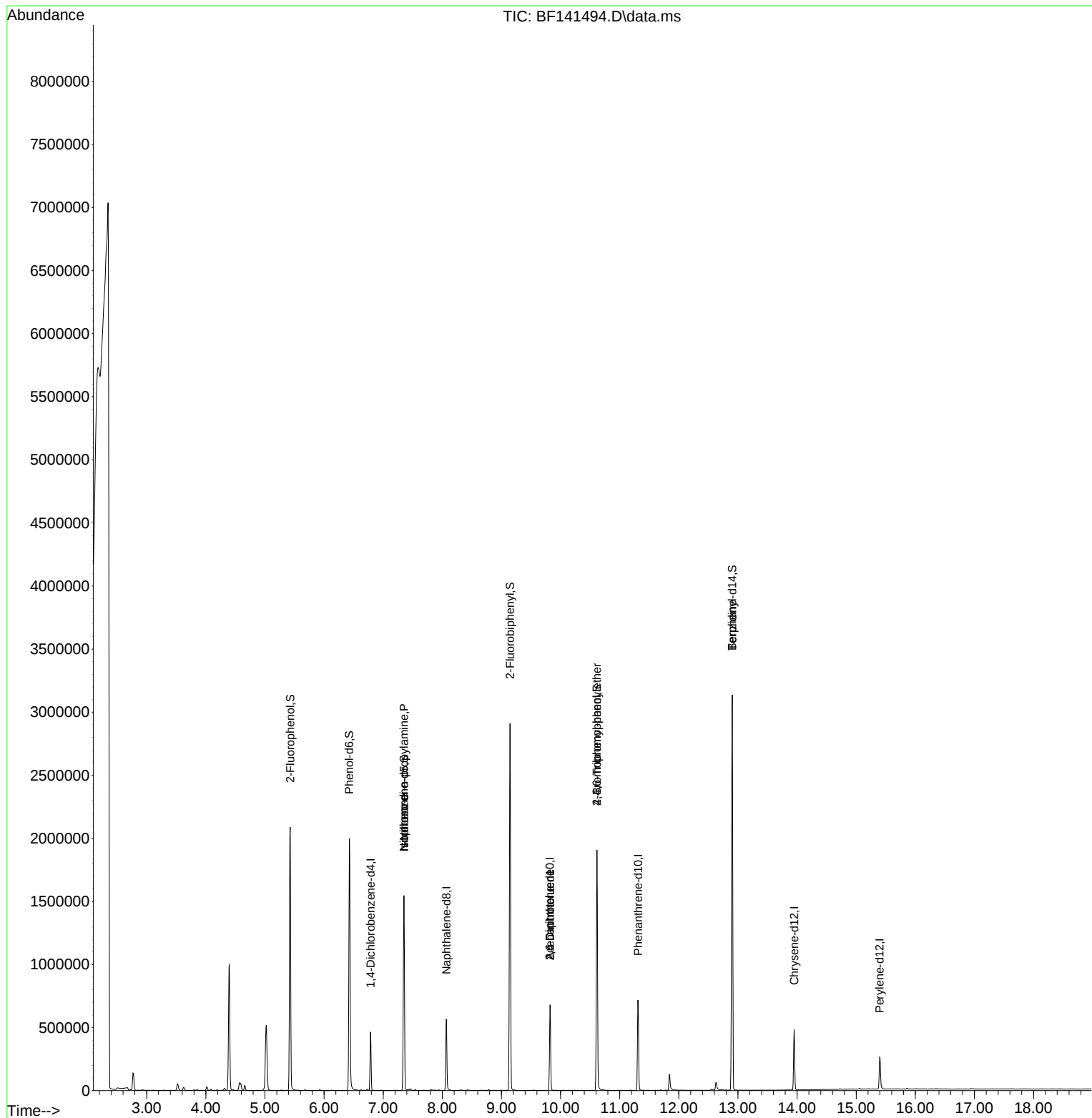
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	90463	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	367743	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	202265	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	358530	20.000	ng	0.00
76) Chrysene-d12	13.951	240	234861	20.000	ng	-0.01
86) Perylene-d12	15.398	264	142150	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	774190	134.169	ng	0.02
7) Phenol-d6	6.428	99	935456	128.265	ng	-0.01
23) Nitrobenzene-d5	7.351	82	701373	99.478	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	318048	156.532	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1319460	100.503	ng	0.00
79) Terphenyl-d14	12.904	244	1590321	114.312	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	96216	22.055	ng	# 76
25) Isophorone	7.351	82	682415	60.703	ng	# 66
51) 2,6-Dinitrotoluene	9.822	165	26402	8.796	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	26402	6.607	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	21225	5.297	ng	# 1
77) Benzidine	12.904	184	22248	4.295	ng	# 92

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

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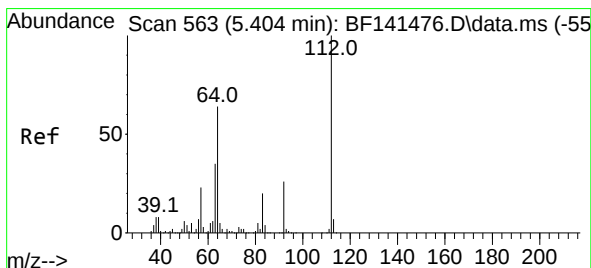
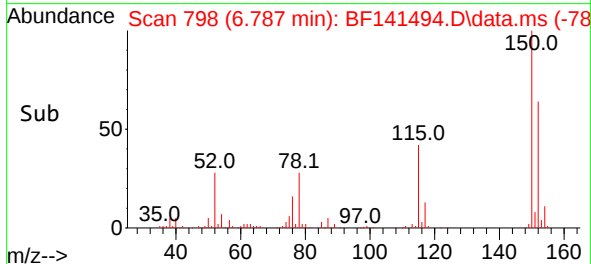
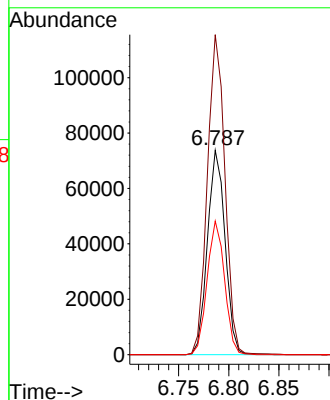
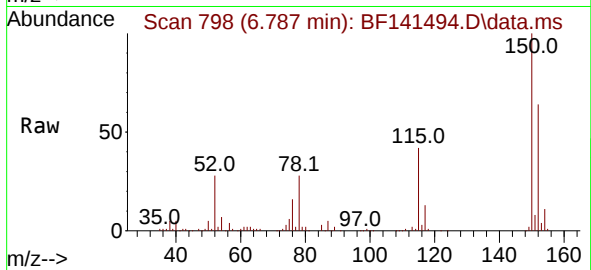




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141494.D
 Acq: 06 Feb 2025 21:30

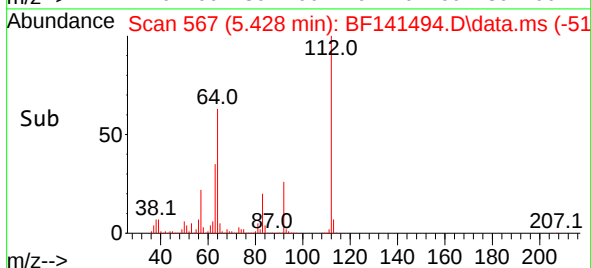
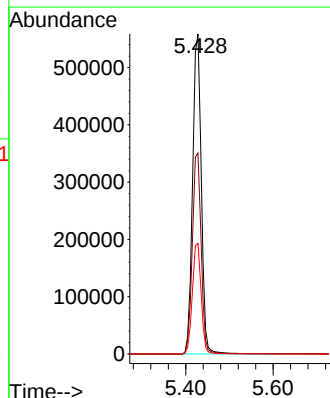
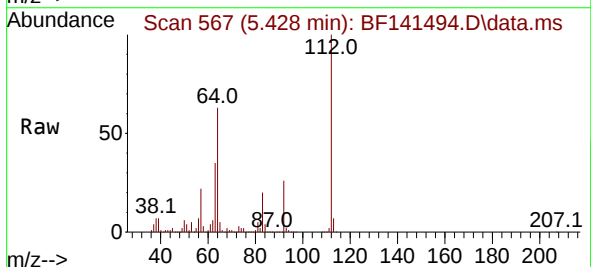
Instrument :
 BNA_F
 ClientSampleId :
 JPP-18.1-012825

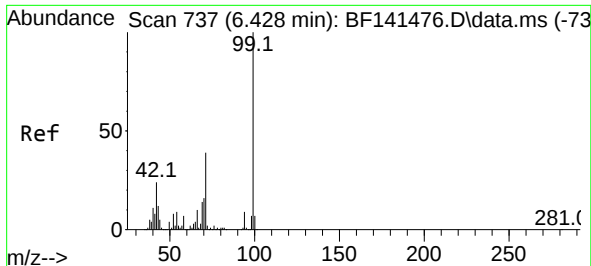
Tgt Ion:152 Resp: 90463
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.0 187.4
 115 65.4 53.6 80.4



#5
 2-Fluorophenol
 Concen: 134.169 ng
 RT: 5.428 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF141494.D
 Acq: 06 Feb 2025 21:30

Tgt Ion:112 Resp: 774190
 Ion Ratio Lower Upper
 112 100
 64 62.8 51.1 76.7
 63 34.5 28.4 42.6





#7
Phenol-d6
Concen: 128.265 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

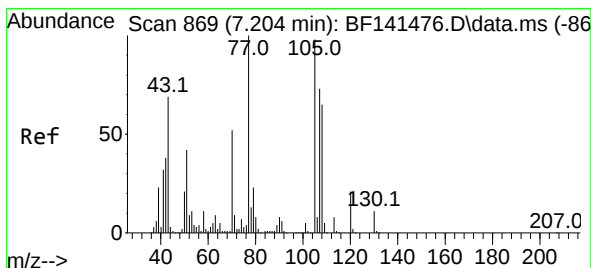
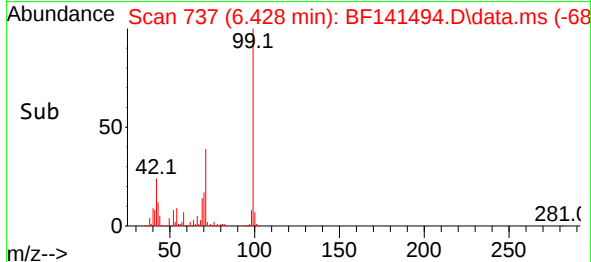
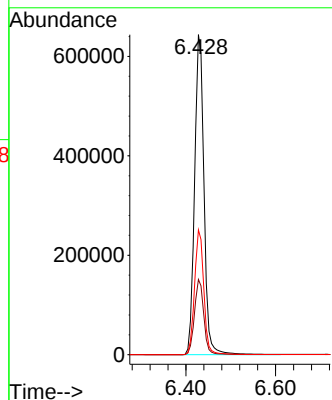
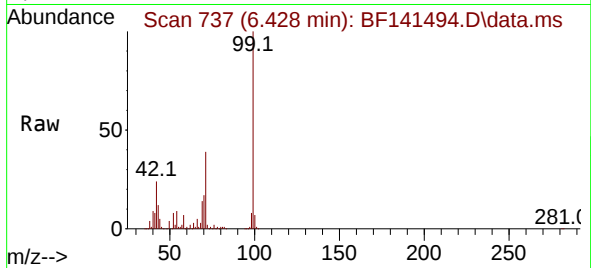
Instrument :

BNA_F

ClientSampleId :

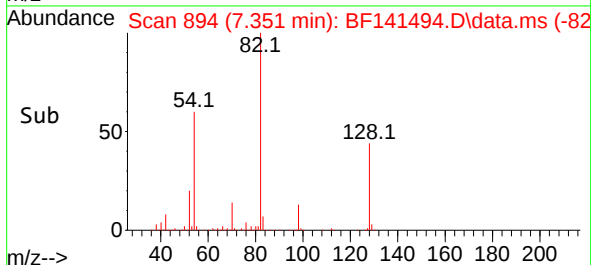
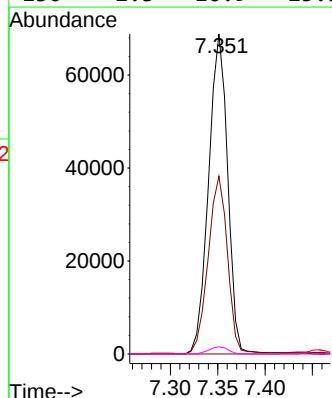
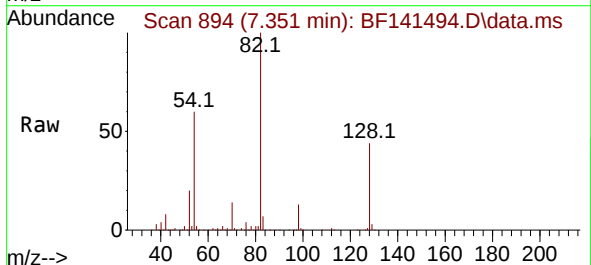
JPP-18.1-012825

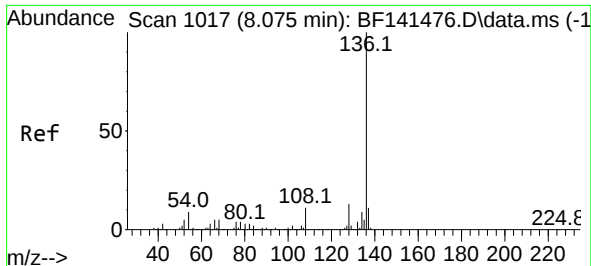
Tgt Ion: 99 Resp: 935456
Ion Ratio Lower Upper
99 100
42 23.5 19.1 28.7
71 39.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 22.055 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

Tgt Ion: 70 Resp: 96216
Ion Ratio Lower Upper
70 100
42 55.6 57.4 86.2#
101 0.0 8.0 12.0#
130 2.3 16.9 25.3#



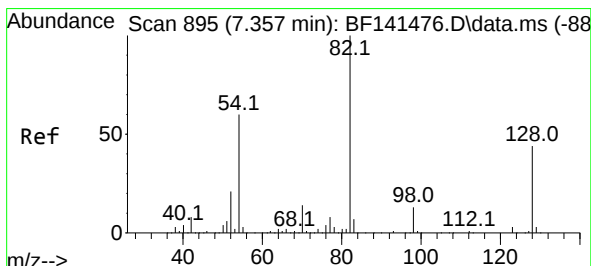
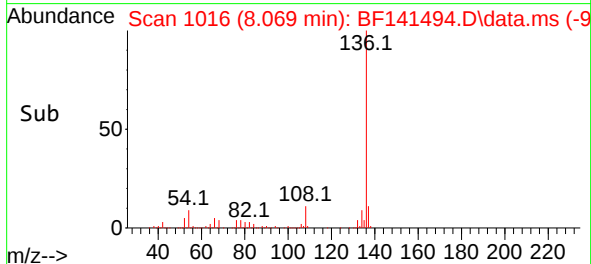
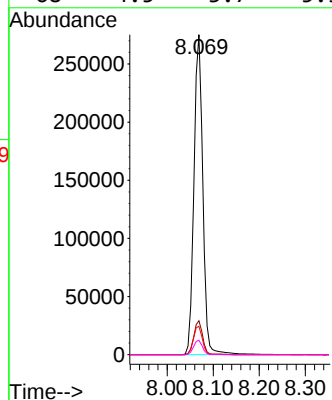
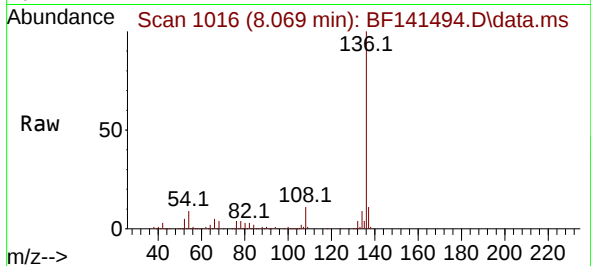


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

Instrument :
BNA_F
ClientSampleId :
JPP-18.1-012825

Tgt Ion:136 Resp: 367743

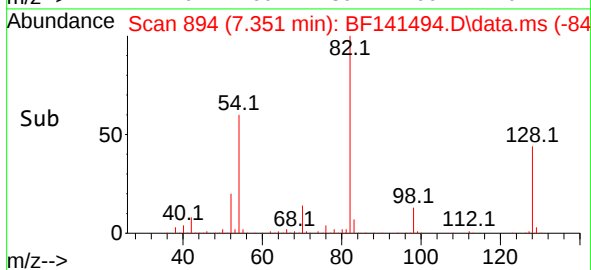
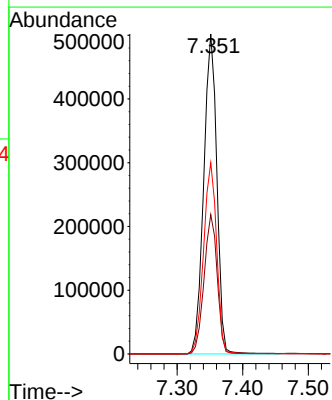
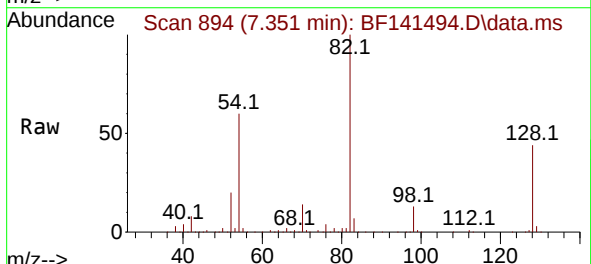
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.9	7.2	10.8
68	4.5	3.7	5.5



#23
Nitrobenzene-d5
Concen: 99.478 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

Tgt Ion: 82 Resp: 701373

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.8	52.2
54	59.7	48.2	72.4

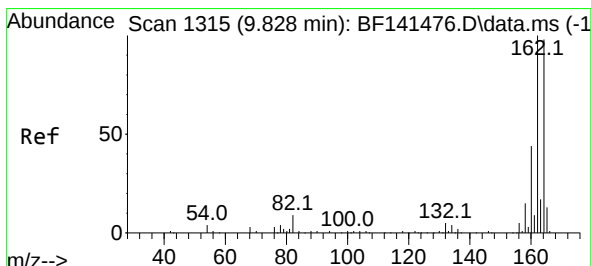
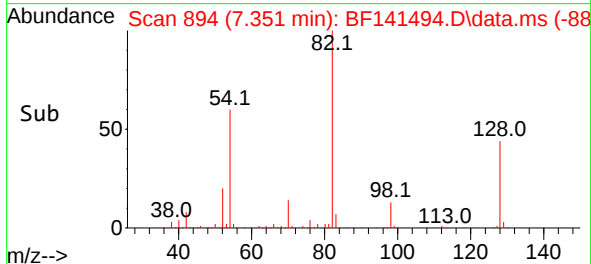
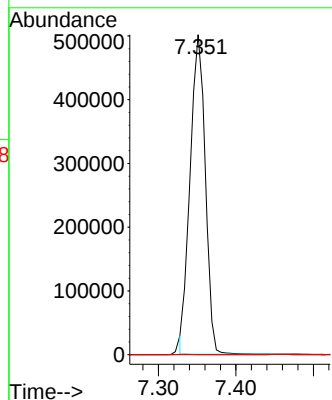
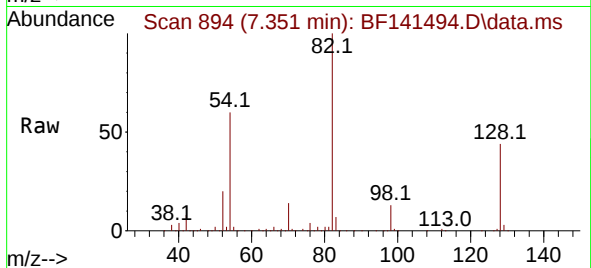




#25
Isophorone
Concen: 60.703 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

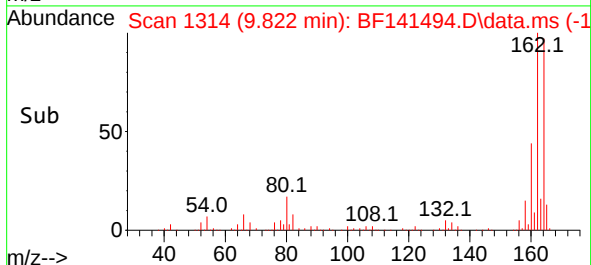
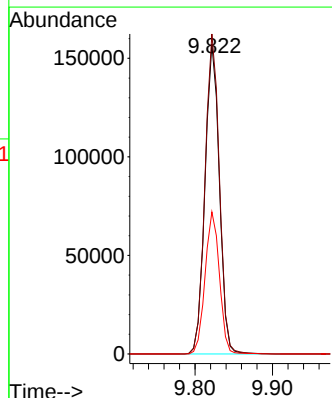
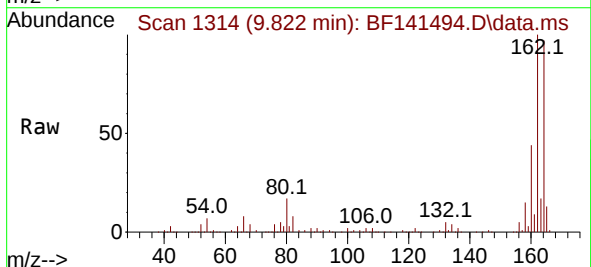
Instrument :
BNA_F
ClientSampleId :
JPP-18.1-012825

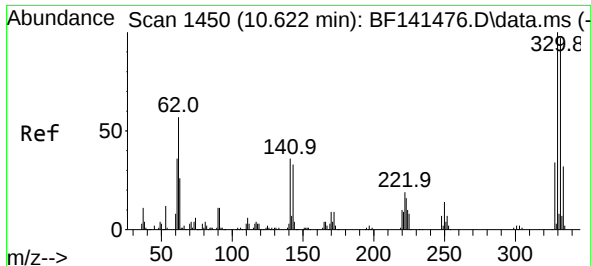
Tgt Ion: 82 Resp: 682415
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

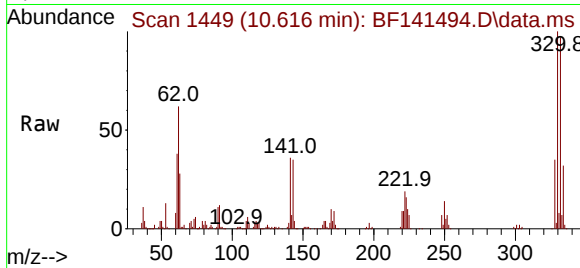
Tgt Ion:164 Resp: 202265
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 45.8 35.9 53.9



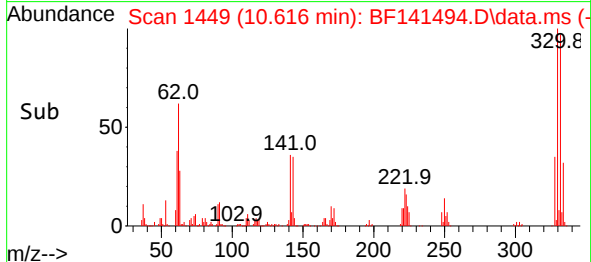
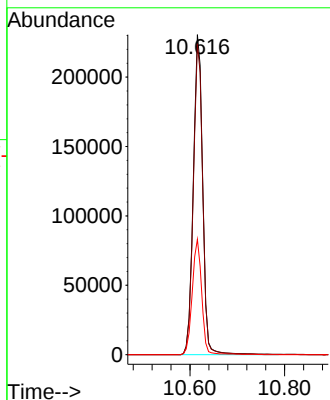


#42
2,4,6-Tribromophenol
Concen: 156.532 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

Instrument :
BNA_F
ClientSampleId :
JPP-18.1-012825

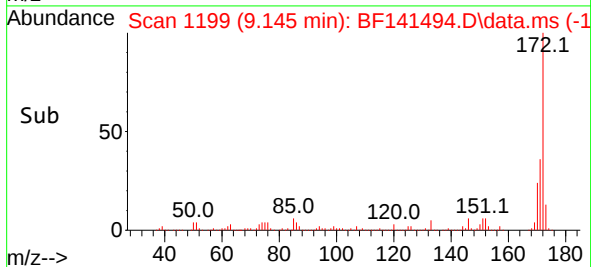
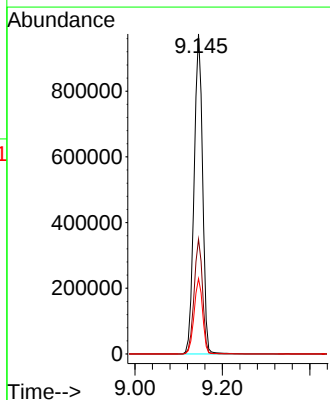
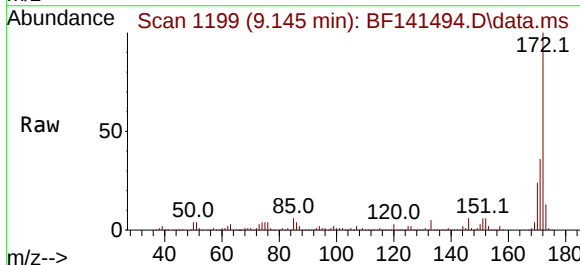


Tgt Ion: 330 Resp: 318048
Ion Ratio Lower Upper
330 100
332 97.0 78.5 117.7
141 36.3 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 100.503 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

Tgt Ion: 172 Resp: 1319460
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.6 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.796 ng

RT: 9.822 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF141494.D

Acq: 06 Feb 2025 21:30

Instrument :

BNA_F

ClientSampleId :

JPP-18.1-012825

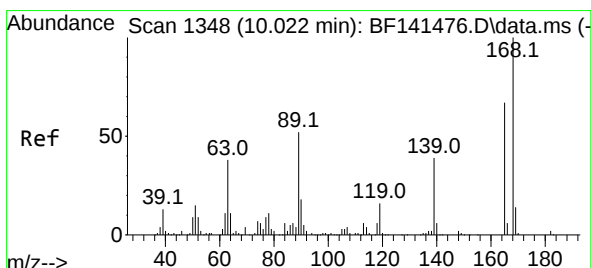
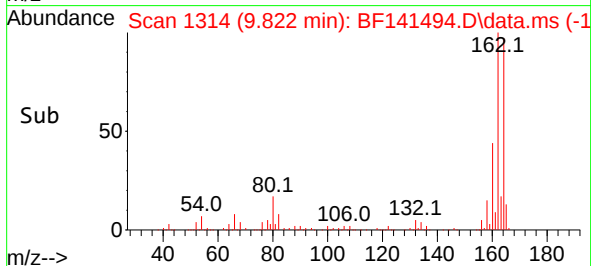
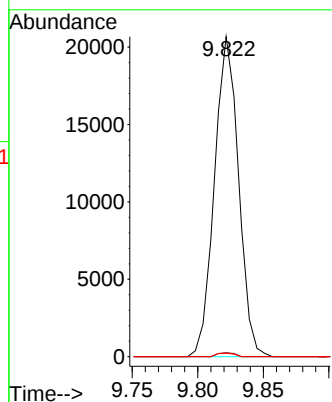
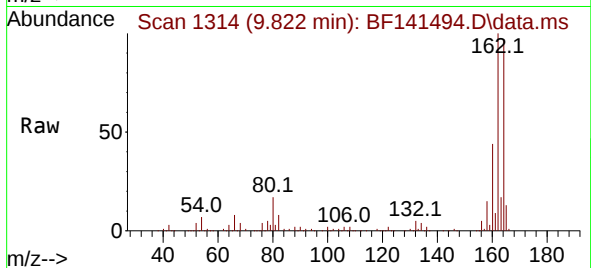
Tgt Ion:165 Resp: 26402

Ion Ratio Lower Upper

165 100

63 1.3 49.4 74.0#

89 1.0 46.5 69.7#



#57

2,4-Dinitrotoluene

Concen: 6.607 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.206 min

Lab File: BF141494.D

Acq: 06 Feb 2025 21:30

Tgt Ion:165 Resp: 26402

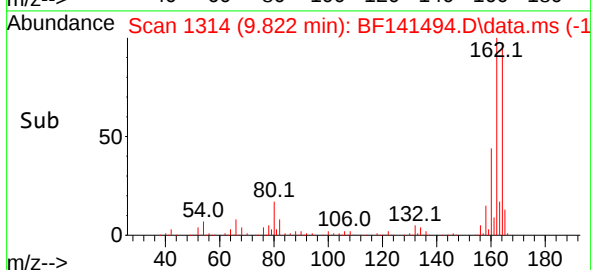
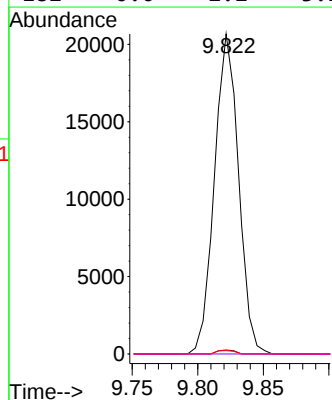
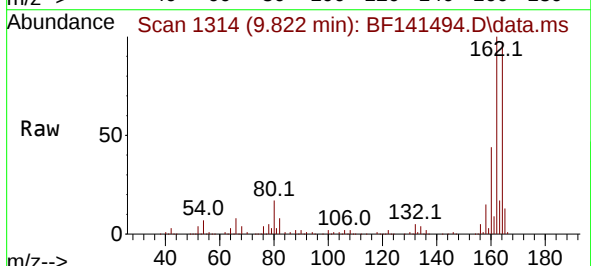
Ion Ratio Lower Upper

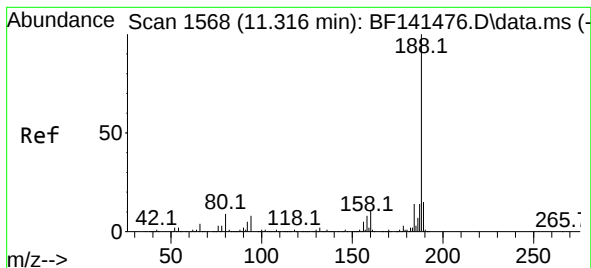
165 100

63 1.3 46.4 69.6#

89 1.0 61.8 92.6#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141494.D

Acq: 06 Feb 2025 21:30

Instrument :

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ClientSampleId :

JPP-18.1-012825

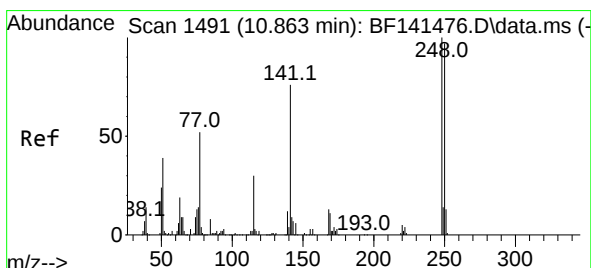
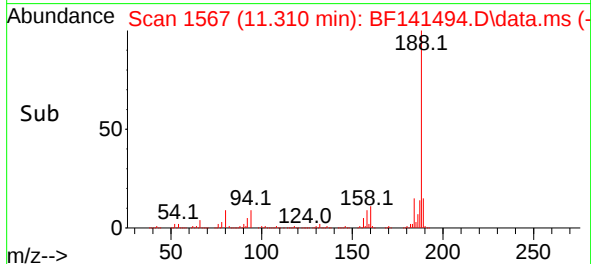
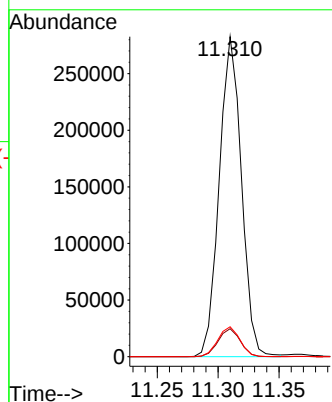
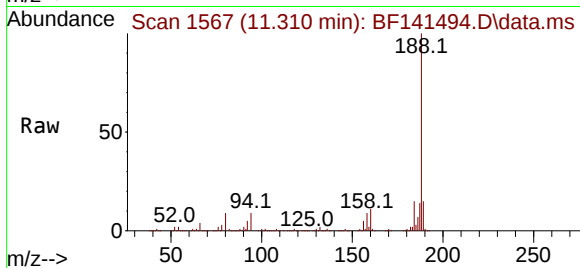
Tgt Ion:188 Resp: 358530

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.4 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 5.297 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF141494.D

Acq: 06 Feb 2025 21:30

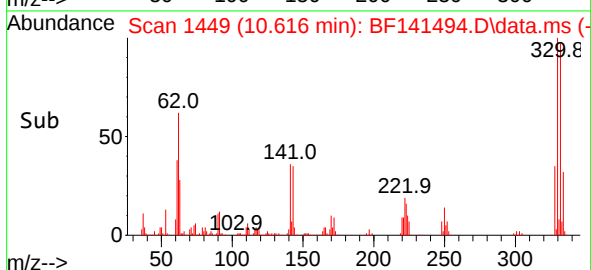
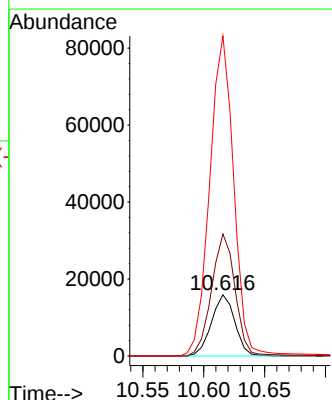
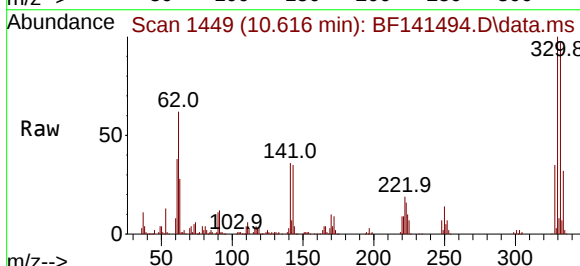
Tgt Ion:248 Resp: 21225

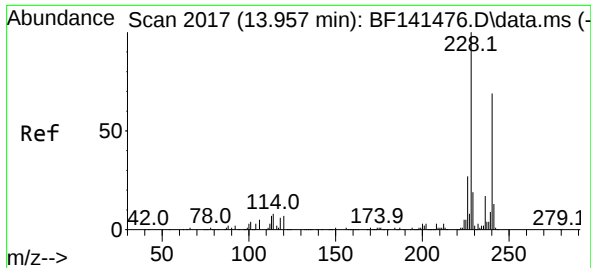
Ion Ratio Lower Upper

248 100

250 199.7 77.8 116.6#

141 524.2 60.6 90.8#

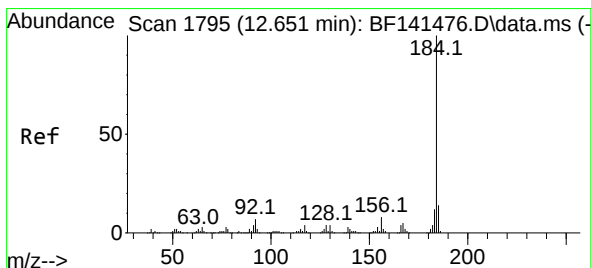
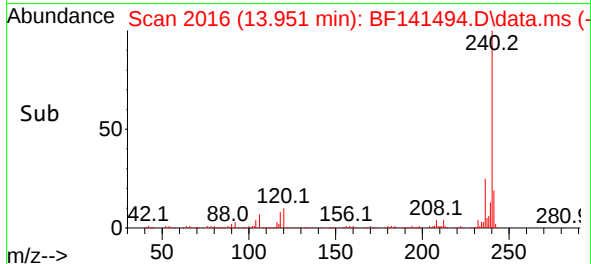
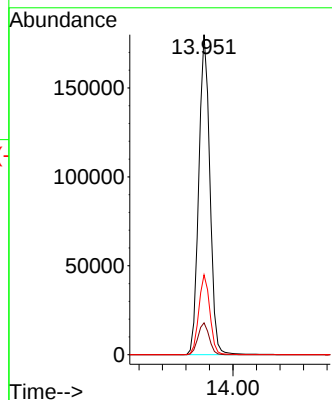
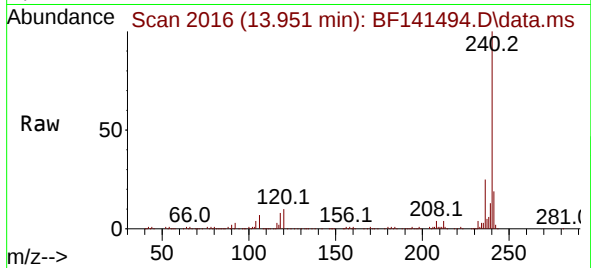




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

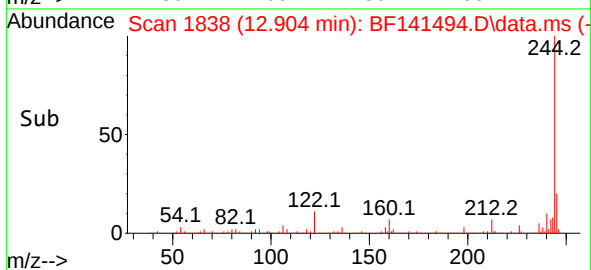
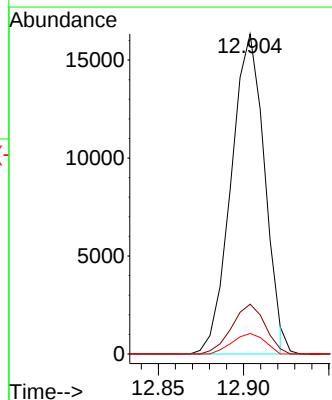
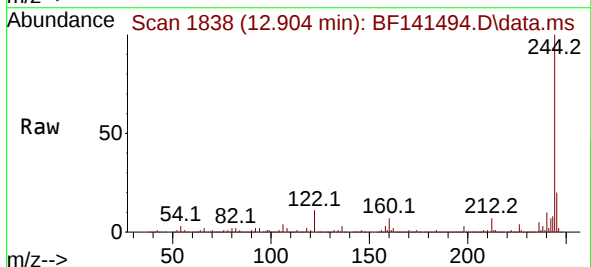
Instrument :
BNA_F
ClientSampleId :
JPP-18.1-012825

Tgt Ion:240 Resp: 234861
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.0 19.8 29.8



#77
Benzidine
Concen: 4.295 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF141494.D
Acq: 06 Feb 2025 21:30

Tgt Ion:184 Resp: 22248
Ion Ratio Lower Upper
184 100
185 15.5 11.3 16.9
183 6.4 9.3 13.9#

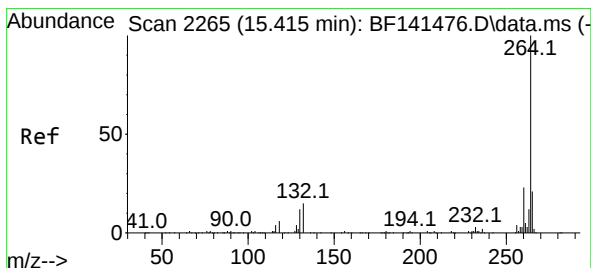
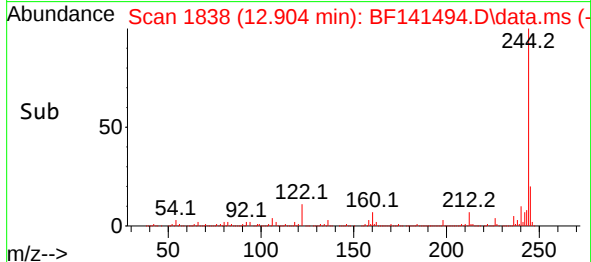
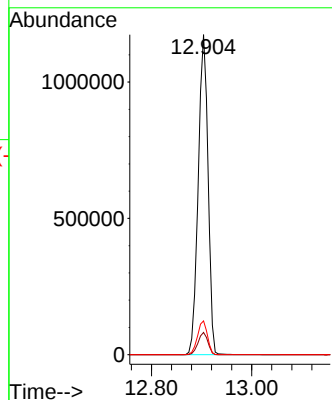
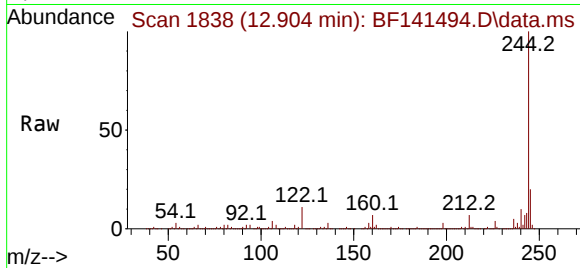




#79
 Terphenyl-d14
 Concen: 114.312 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF141494.D
 Acq: 06 Feb 2025 21:30

Instrument :
 BNA_F
 ClientSampleId :
 JPP-18.1-012825

Tgt Ion:244 Resp: 1590321
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.5 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2262
 Delta R.T. -0.018 min
 Lab File: BF141494.D
 Acq: 06 Feb 2025 21:30

Tgt Ion:264 Resp: 142150
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 20.9 17.0 25.4

