

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141420.D
 Acq On : 04 Feb 2025 20:26
 Operator : RC/JU
 Sample : Q1241-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-3.5-013025

Quant Time: Feb 05 00:34:06 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)

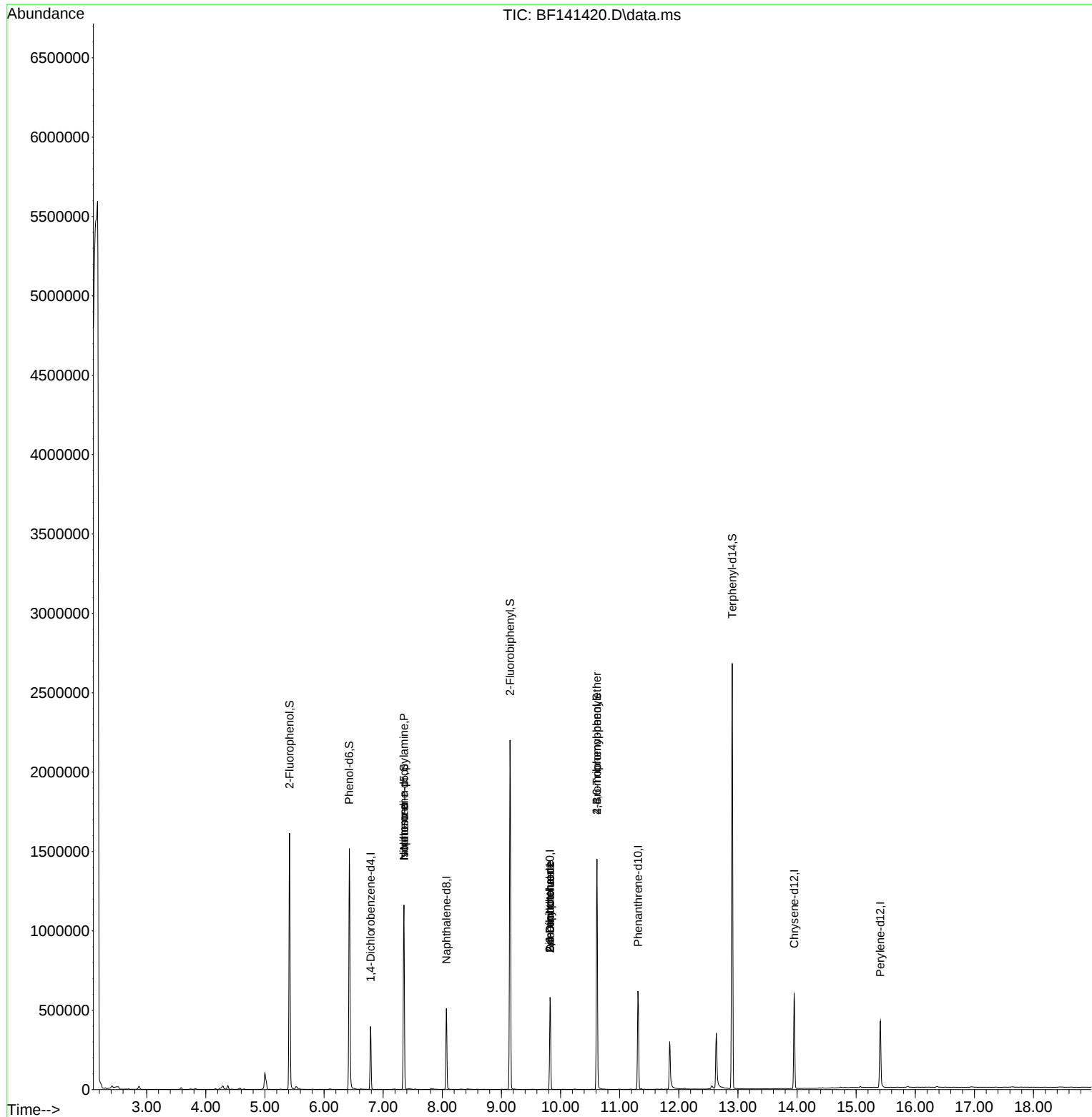
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	77065	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	307470	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	173301	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	313120	20.000	ng	-0.02
76) Chrysene-d12	13.951	240	293695	20.000	ng	-0.02
86) Perylene-d12	15.410	264	253130	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	573173	114.181	ng	0.00
7) Phenol-d6	6.428	99	662427	103.733	ng	-0.01
23) Nitrobenzene-d5	7.351	82	500017	85.729	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	233318	146.854	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	959746	85.241	ng	-0.02
79) Terphenyl-d14	12.904	244	1325885	69.622	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	68712	18.108	ng	# 74
25) Isophorone	7.351	82	495999	49.196	ng	# 64
50) Dimethylphthalate	9.822	163	23705	2.025	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	21818	8.028	ng	# 24
57) 2,4-Dinitrotoluene	9.822	165	21818	6.201	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	16645	4.748	ng	# 1

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

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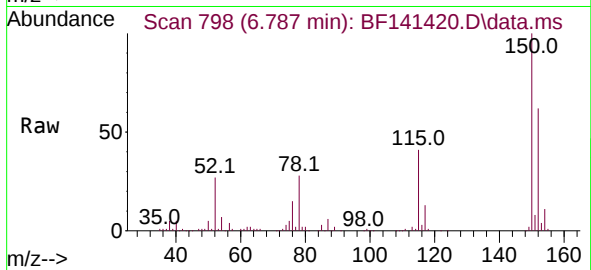
Quant Time: Feb 05 00:34:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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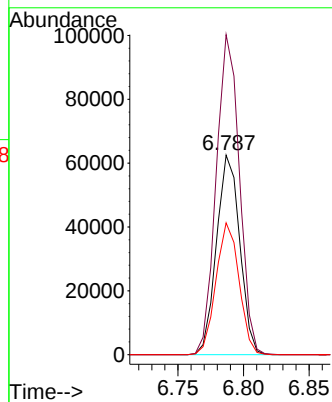
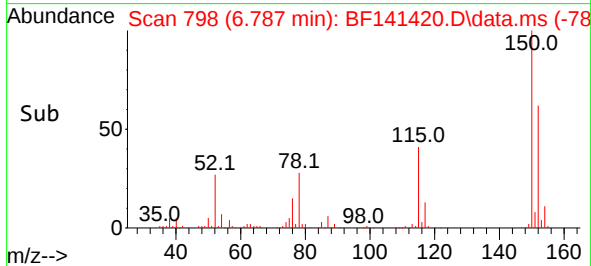


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF141420.D
Acq: 04 Feb 2025 20:26

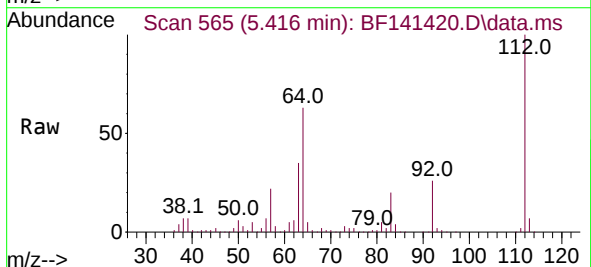
Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025



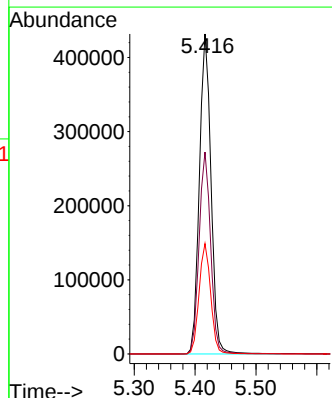
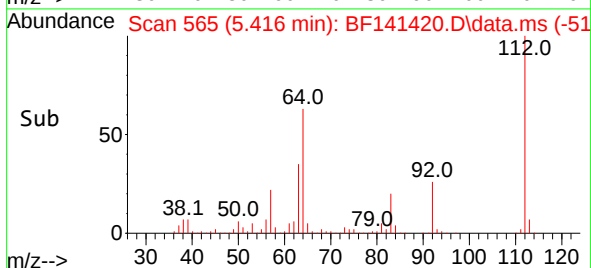
Tgt Ion:152 Resp: 77065
Ion Ratio Lower Upper
152 100
150 160.3 125.9 188.9
115 66.1 49.7 74.5



#5
2-Fluorophenol
Concen: 114.181 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141420.D
Acq: 04 Feb 2025 20:26



Tgt Ion:112 Resp: 573173
Ion Ratio Lower Upper
112 100
64 63.1 49.8 74.8
63 34.5 26.1 39.1

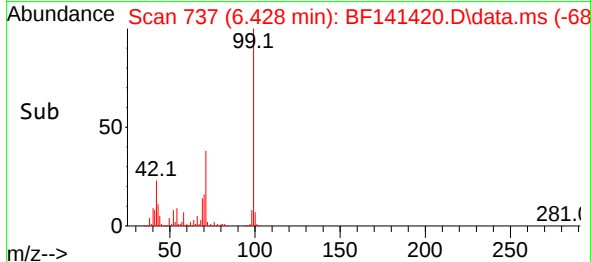
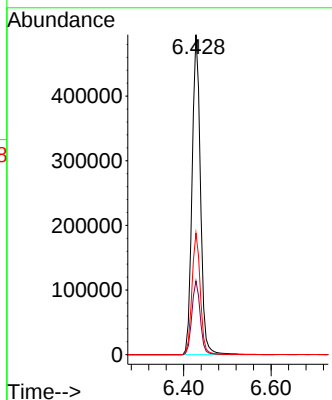
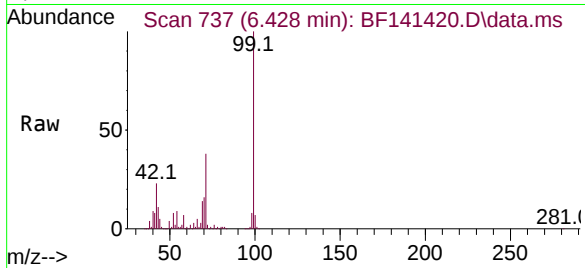




#7
Phenol-d6
Concen: 103.733 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141420.D
Acq: 04 Feb 2025 20:26

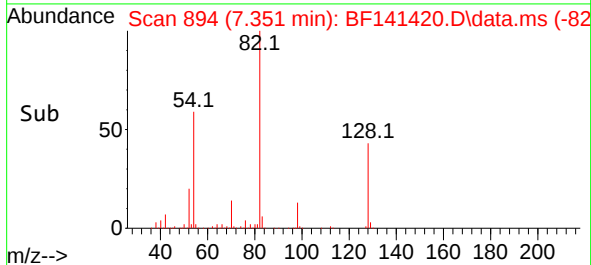
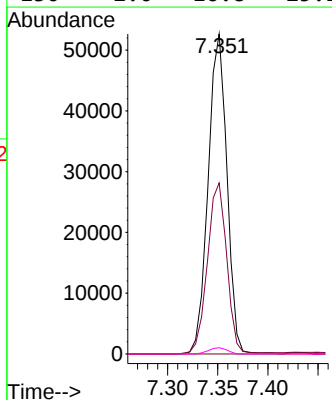
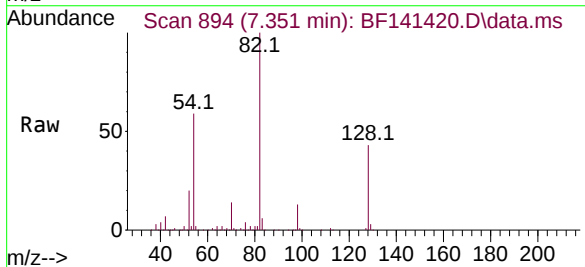
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ClientSampleId :
JPP-3.5-013025

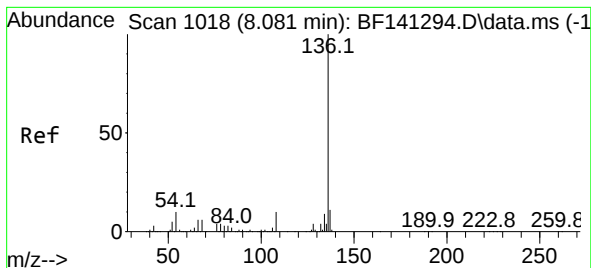
Tgt Ion: 99 Resp: 662427
Ion Ratio Lower Upper
99 100
42 23.1 17.1 25.7
71 38.0 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.108 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.124 min
Lab File: BF141420.D
Acq: 04 Feb 2025 20:26

Tgt Ion: 70 Resp: 68712
Ion Ratio Lower Upper
70 100
42 53.5 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# 1

Delta R.T. -0.018 min

Lab File: BF141420.D

Acq: 04 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

JPP-3.5-013025

Tgt Ion:136 Resp: 307470

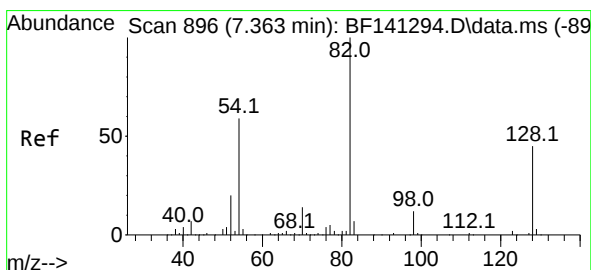
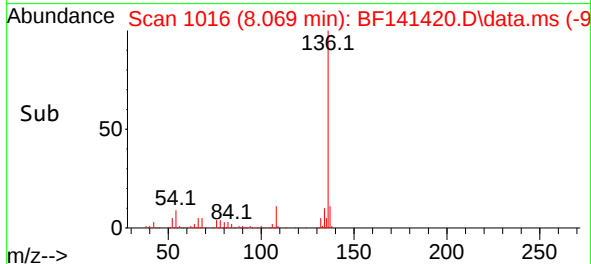
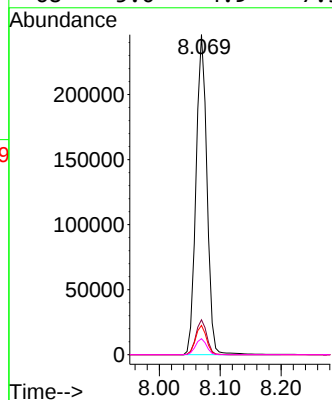
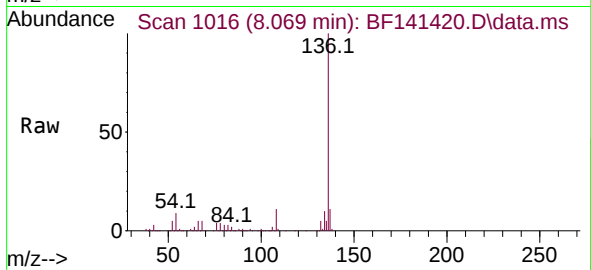
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.2 7.8 11.8

68 5.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 85.729 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141420.D

Acq: 04 Feb 2025 20:26

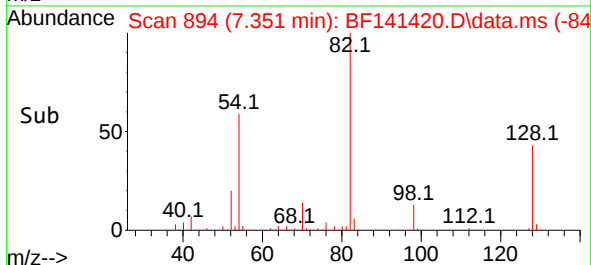
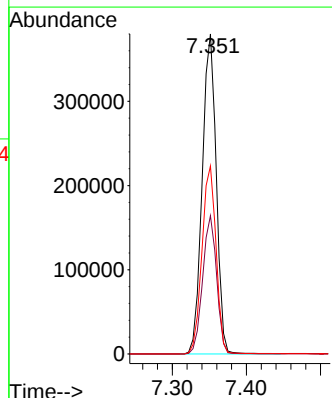
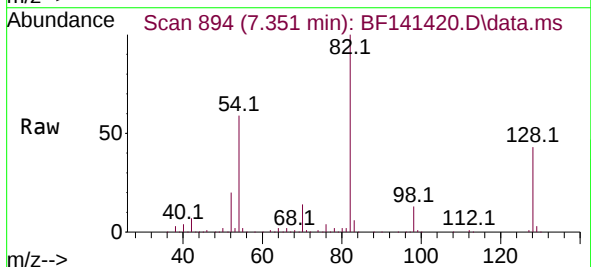
Tgt Ion: 82 Resp: 500017

Ion Ratio Lower Upper

82 100

128 43.2 35.7 53.5

54 58.8 47.1 70.7

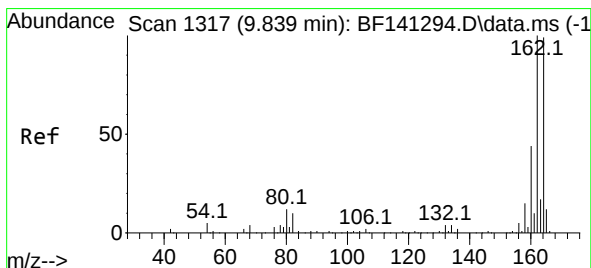
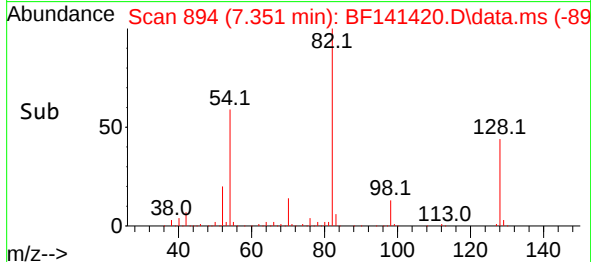
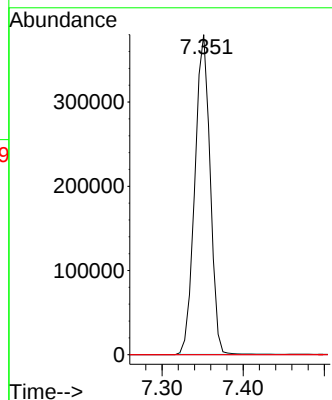
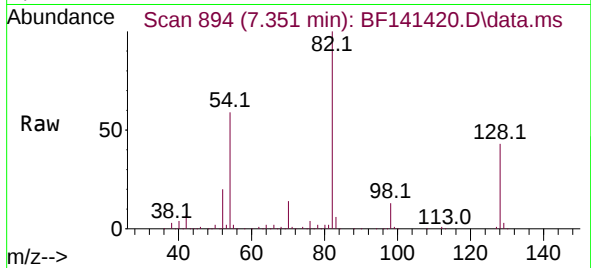




#25
Isophorone
Concen: 49.196 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141420.D
Acq: 04 Feb 2025 20:26

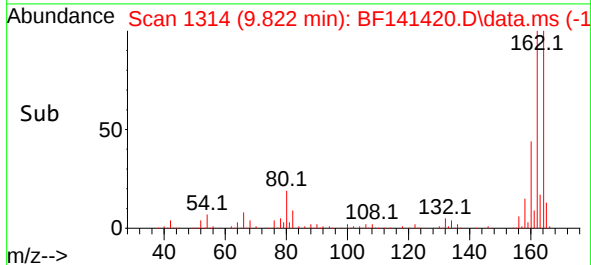
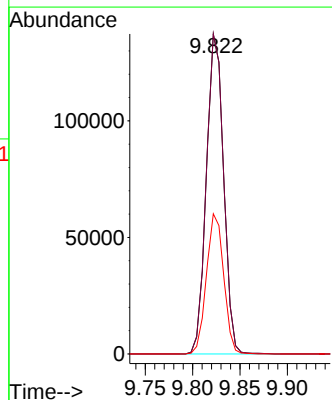
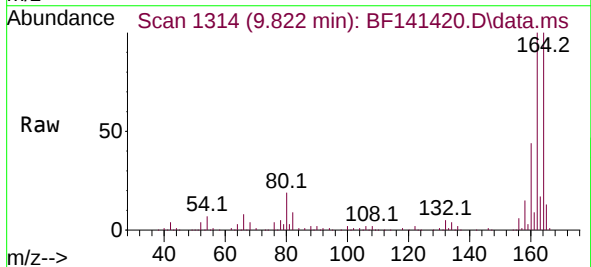
Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025

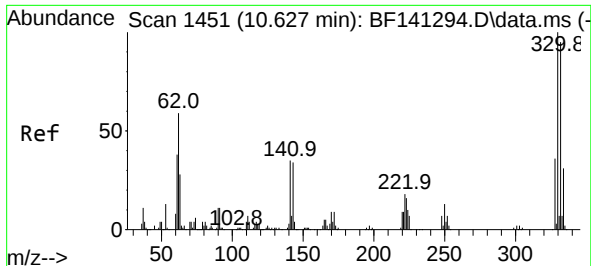
Tgt Ion: 82 Resp: 495999
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141420.D
Acq: 04 Feb 2025 20:26

Tgt Ion: 164 Resp: 173301
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 43.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 146.854 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141420.D

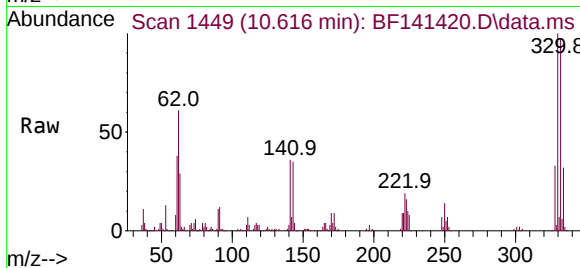
Acq: 04 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

JPP-3.5-013025



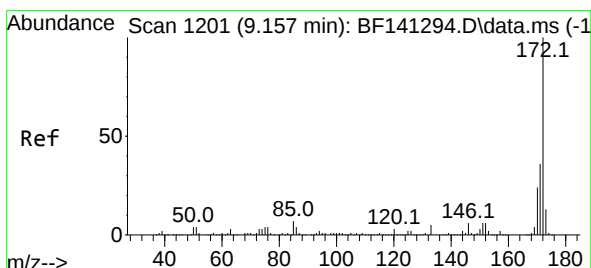
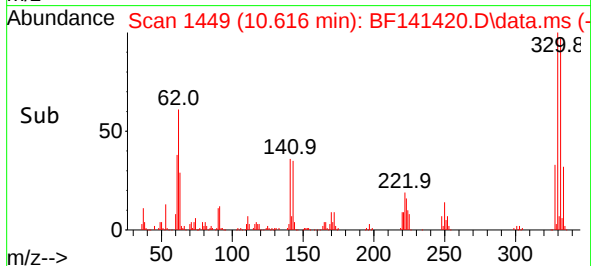
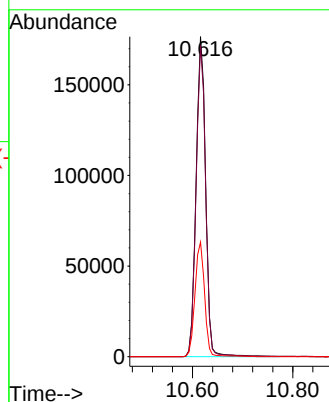
Tgt Ion:330 Resp: 233318

Ion Ratio Lower Upper

330 100

332 97.1 76.1 114.1

141 36.3 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 85.241 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141420.D

Acq: 04 Feb 2025 20:26

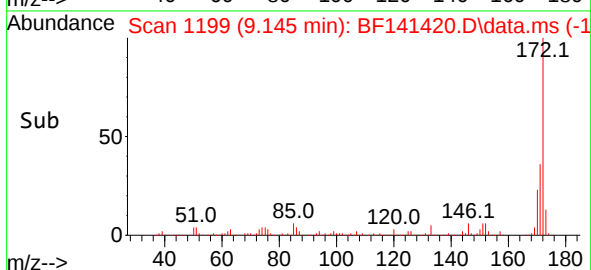
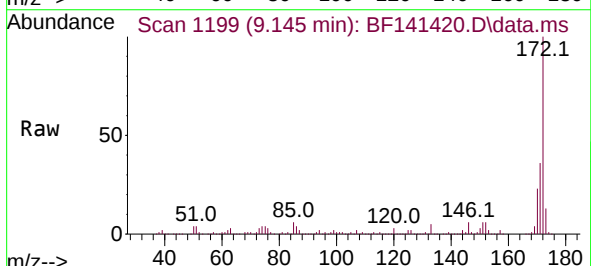
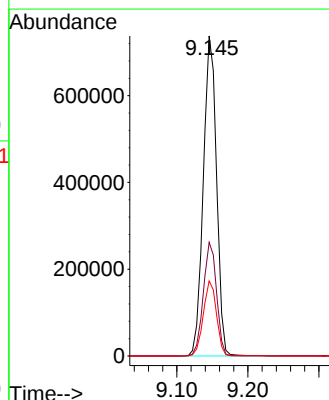
Tgt Ion:172 Resp: 959746

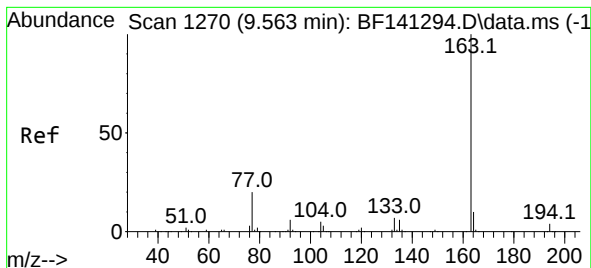
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.5 19.0 28.6





#50

Dimethylphthalate

Concen: 2.025 ng

RT: 9.822 min Scan# 1314

Delta R.T. 0.253 min

Lab File: BF141420.D

Acq: 04 Feb 2025 20:26

Instrument :

BNA_F

ClientSampleId :

JPP-3.5-013025

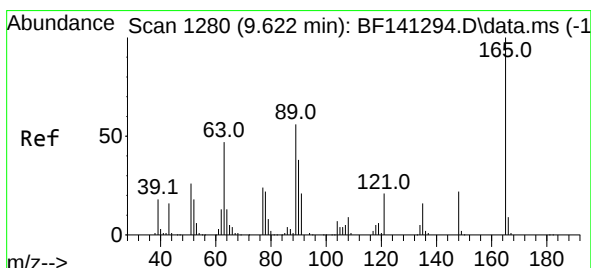
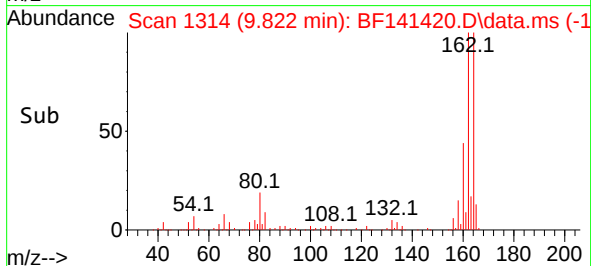
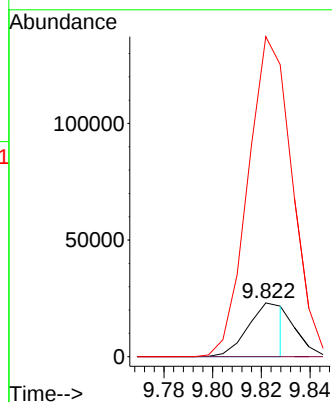
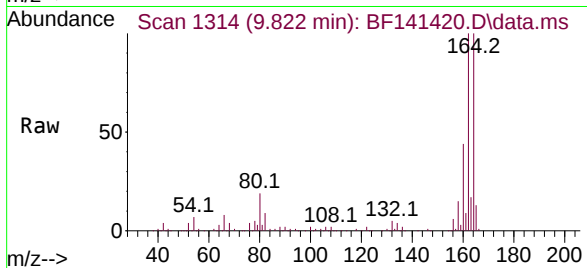
Tgt Ion:163 Resp: 23705

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 595.6 8.0 12.0#



#51

2,6-Dinitrotoluene

Concen: 8.028 ng

RT: 9.822 min Scan# 1314

Delta R.T. 0.194 min

Lab File: BF141420.D

Acq: 04 Feb 2025 20:26

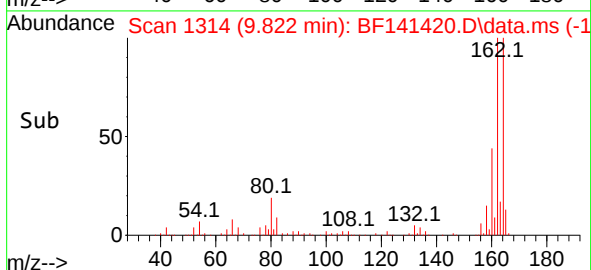
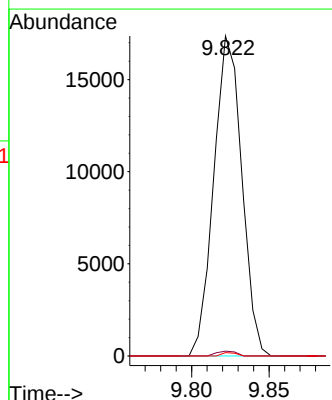
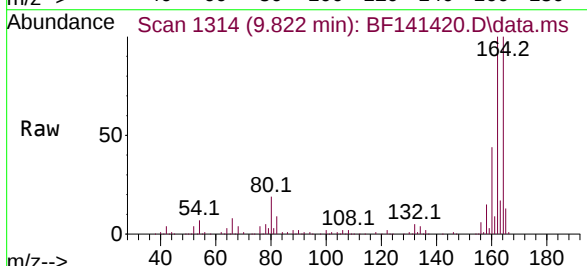
Tgt Ion:165 Resp: 21818

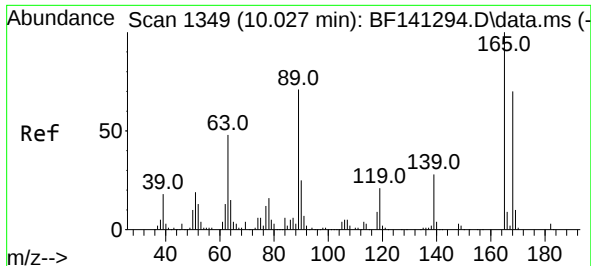
Ion Ratio Lower Upper

165 100

63 1.5 48.1 72.1#

89 1.0 44.9 67.3#

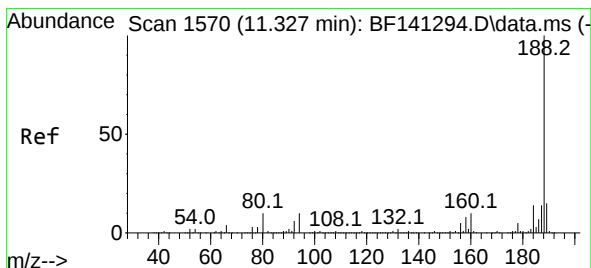
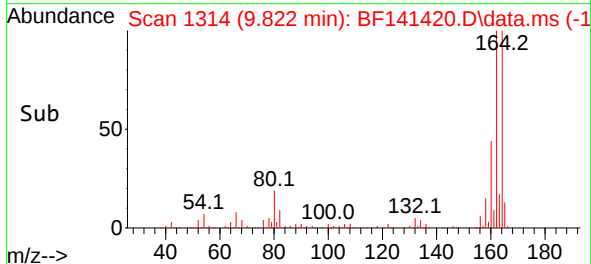
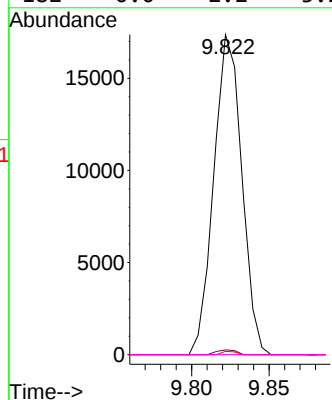
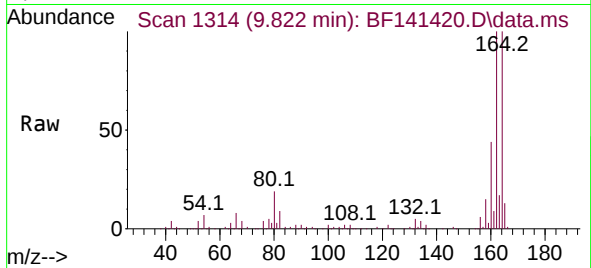




#57
2,4-Dinitrotoluene
Concen: 6.201 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141420.D
Acq: 04 Feb 2025 20:26

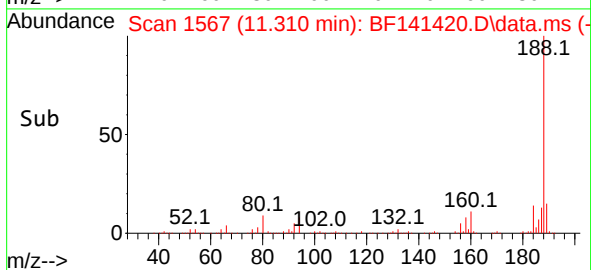
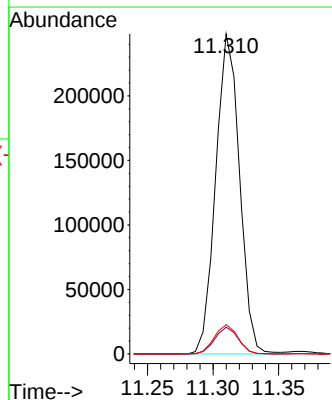
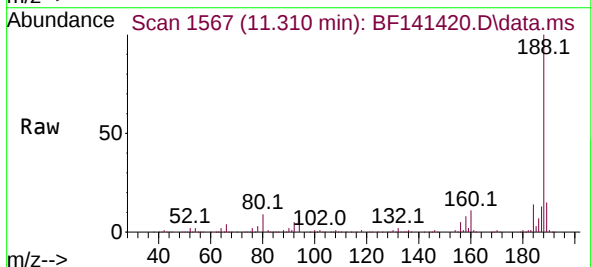
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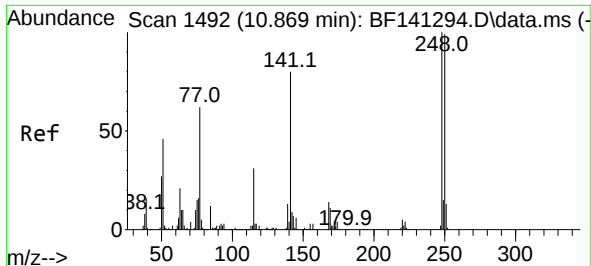
Tgt Ion:165 Resp: 21818
Ion Ratio Lower Upper
165 100
63 1.5 39.2 58.8#
89 1.0 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF141420.D
Acq: 04 Feb 2025 20:26

Tgt Ion:188 Resp: 313120
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 9.2 8.2 12.4

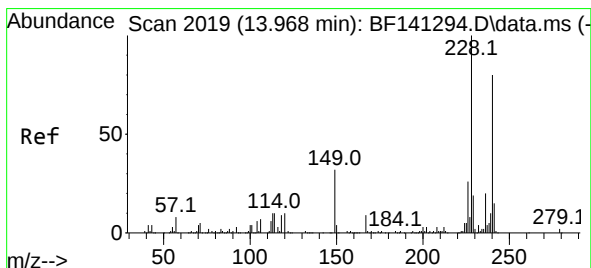
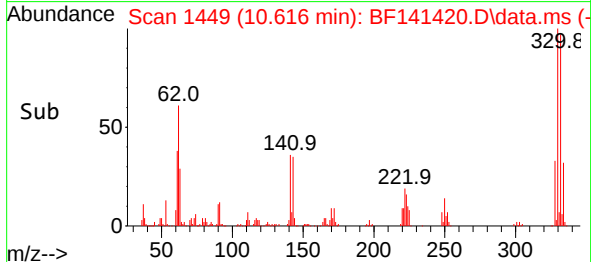
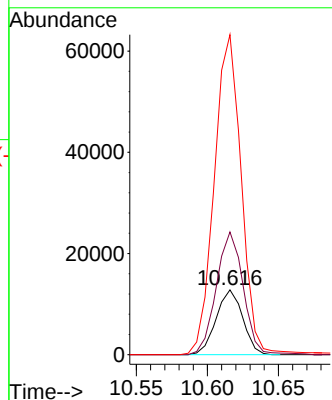
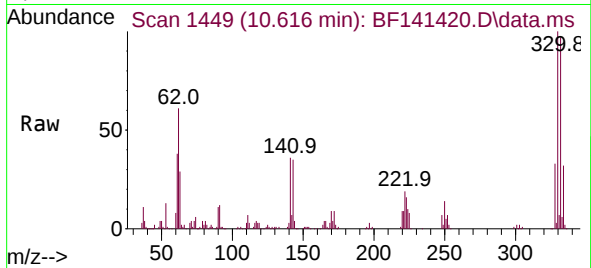




#67
4-Bromophenyl-phenylether
Concen: 4.748 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF141420.D
Acq: 04 Feb 2025 20:26

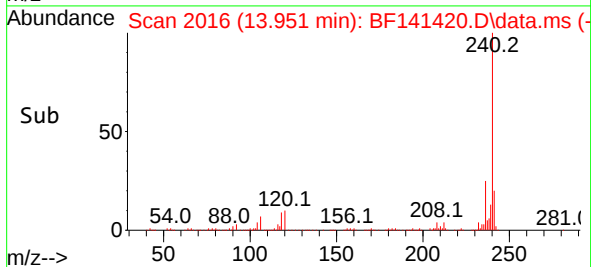
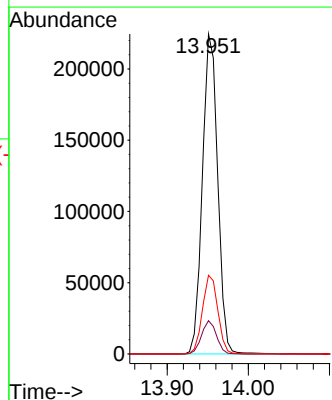
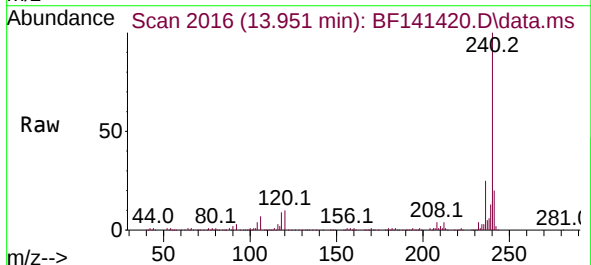
Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025

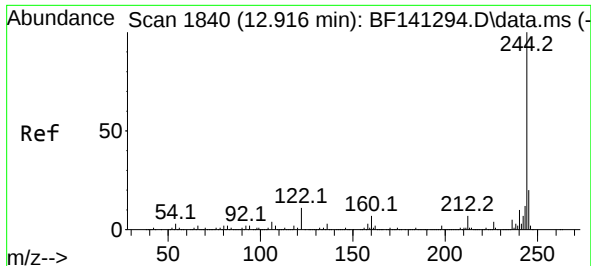
Tgt Ion:248 Resp: 16645
Ion Ratio Lower Upper
248 100
250 189.2 79.0 118.4#
141 493.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.023 min
Lab File: BF141420.D
Acq: 04 Feb 2025 20:26

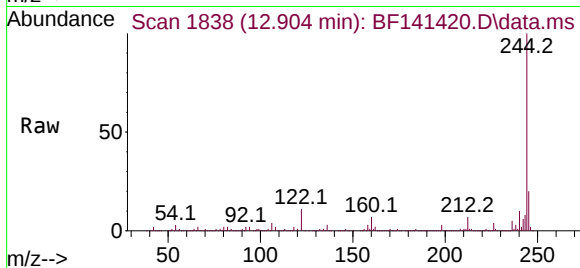
Tgt Ion:240 Resp: 293695
Ion Ratio Lower Upper
240 100
120 10.4 10.0 15.0
236 24.6 19.7 29.5



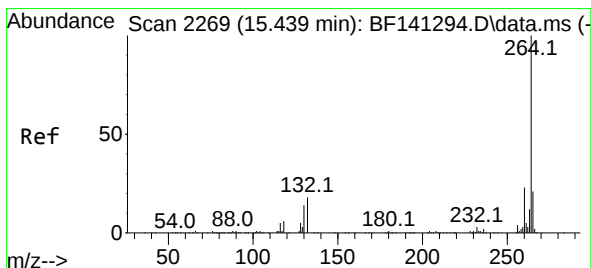
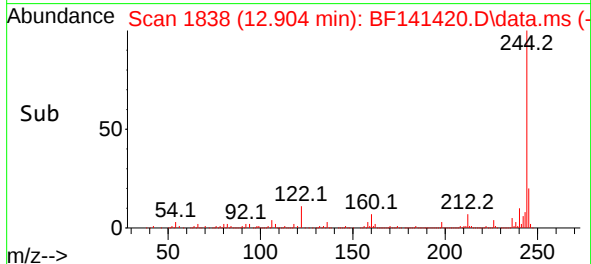
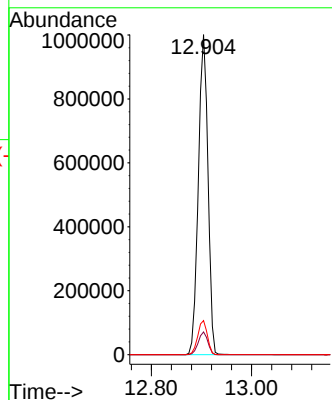


#79
Terphenyl-d14
Concen: 69.622 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141420.D
Acq: 04 Feb 2025 20:26

Instrument :
BNA_F
ClientSampleId :
JPP-3.5-013025



Tgt Ion:244 Resp: 1325885
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 10.7 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2264
Delta R.T. -0.029 min
Lab File: BF141420.D
Acq: 04 Feb 2025 20:26

Tgt Ion:264 Resp: 253130
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.7 16.7 25.1

