

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141419.D
 Acq On : 04 Feb 2025 20:00
 Operator : RC/JU
 Sample : Q1242-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-6.2-013025

Quant Time: Feb 05 00:33:50 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)

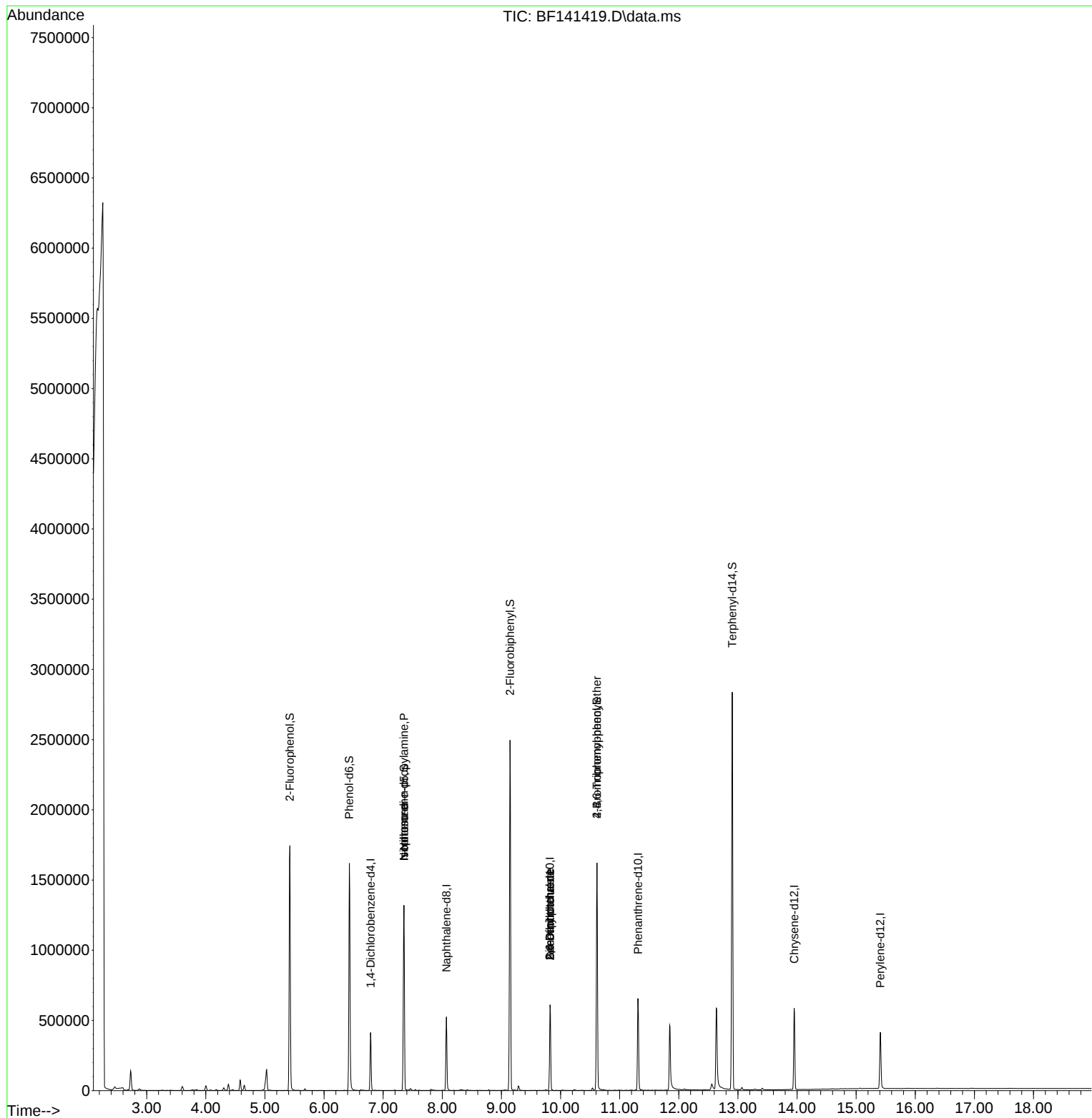
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	81543	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	321007	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	180364	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	322847	20.000	ng	-0.02
76) Chrysene-d12	13.951	240	286651	20.000	ng	-0.02
86) Perylene-d12	15.410	264	237306	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	635667	119.676	ng	0.01
7) Phenol-d6	6.428	99	723786	107.117	ng	-0.01
23) Nitrobenzene-d5	7.351	82	577375	94.818	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	260090	157.295	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1101984	94.041	ng	-0.02
79) Terphenyl-d14	12.904	244	1408157	75.759	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	78359	19.517	ng	# 76
25) Isophorone	7.351	82	572688	54.407	ng	# 64
50) Dimethylphthalate	9.822	163	25062	2.057	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	23581	8.337	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	23581	6.439	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	17813	4.928	ng	# 1

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

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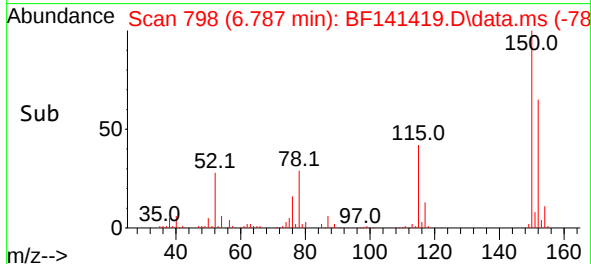
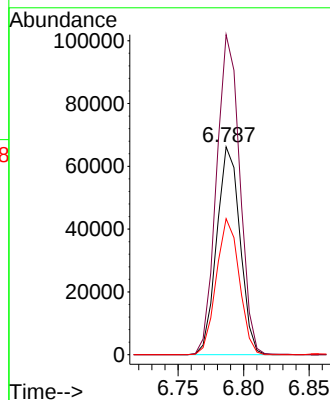
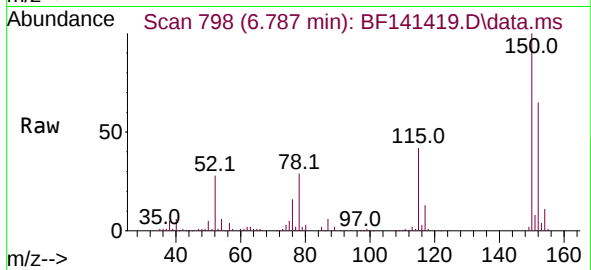




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF141419.D
Acq: 04 Feb 2025 20:00

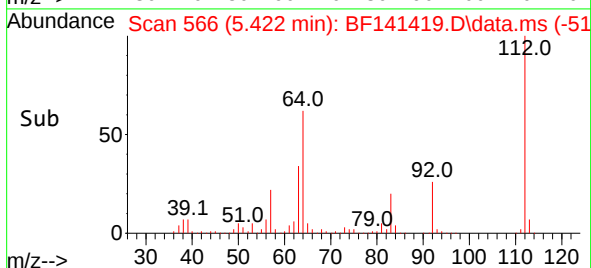
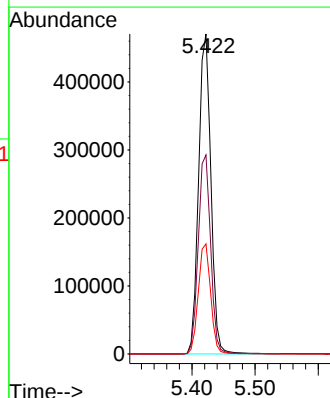
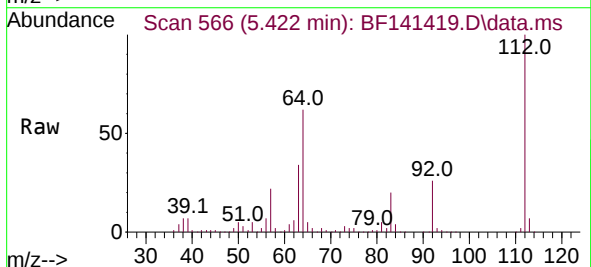
Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

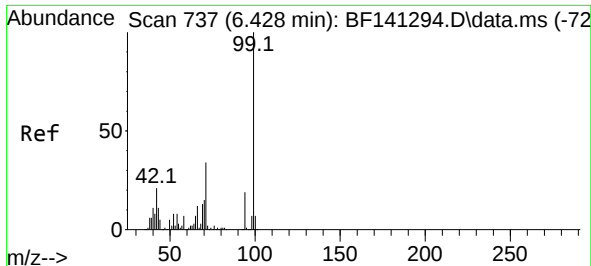
Tgt Ion:152 Resp: 81543
Ion Ratio Lower Upper
152 100
150 153.9 125.9 188.9
115 65.4 49.7 74.5



#5
2-Fluorophenol
Concen: 119.676 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141419.D
Acq: 04 Feb 2025 20:00

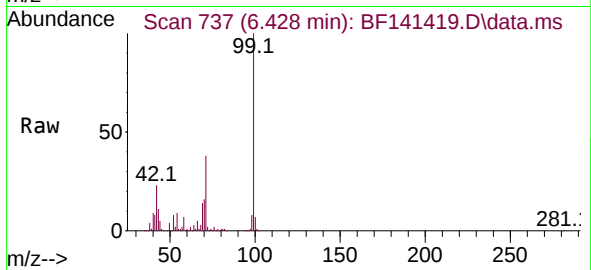
Tgt Ion:112 Resp: 635667
Ion Ratio Lower Upper
112 100
64 62.2 49.8 74.8
63 34.4 26.1 39.1



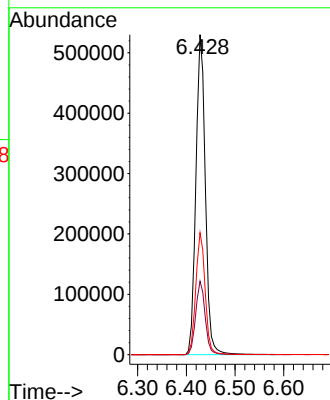
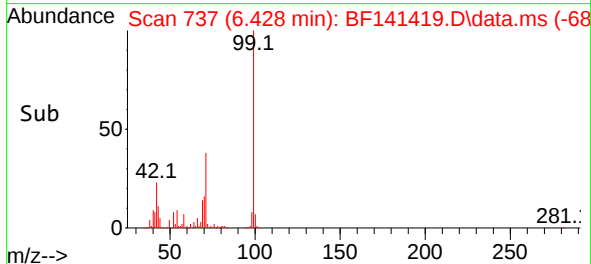


#7
Phenol-d6
Concen: 107.117 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141419.D
Acq: 04 Feb 2025 20:00

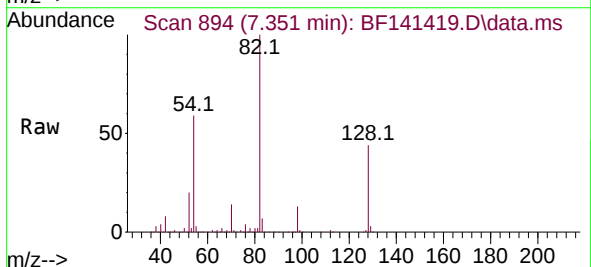
Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025



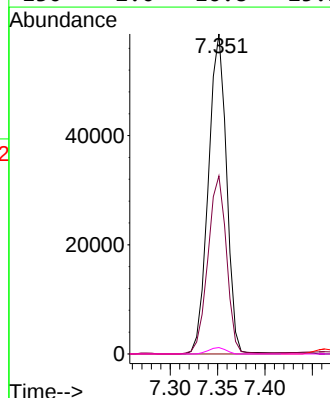
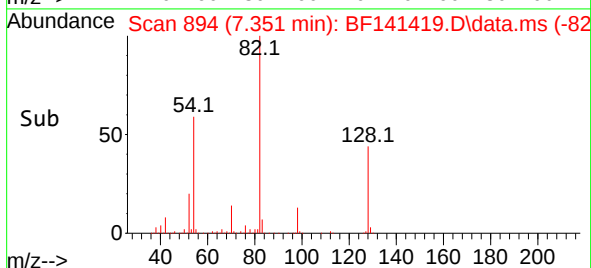
Tgt Ion: 99 Resp: 723786
Ion Ratio Lower Upper
99 100
42 23.0 17.1 25.7
71 38.1 26.9 40.3

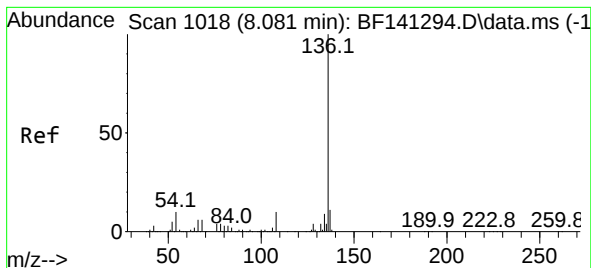


#19
n-Nitroso-di-n-propylamine
Concen: 19.517 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141419.D
Acq: 04 Feb 2025 20:00



Tgt Ion: 70 Resp: 78359
Ion Ratio Lower Upper
70 100
42 55.6 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: BF141419.D

Acq: 04 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

JPP-6.2-013025

Tgt Ion:136 Resp: 321007

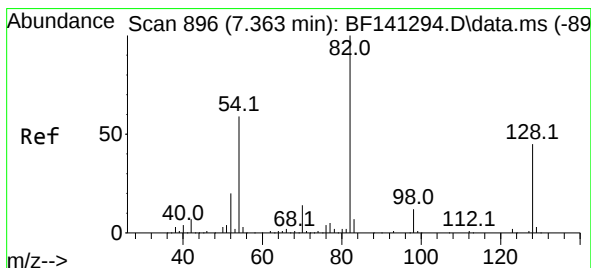
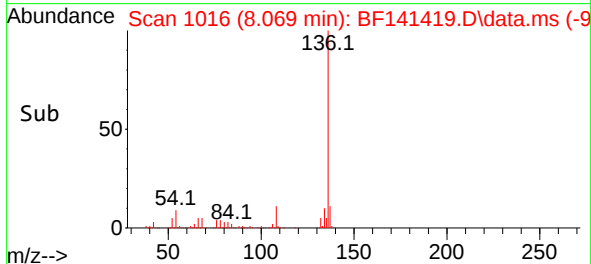
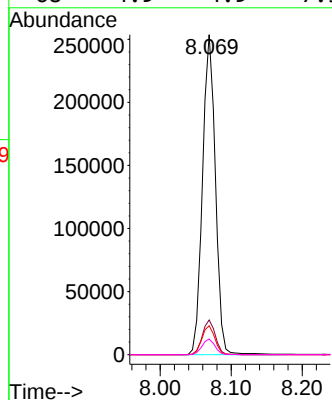
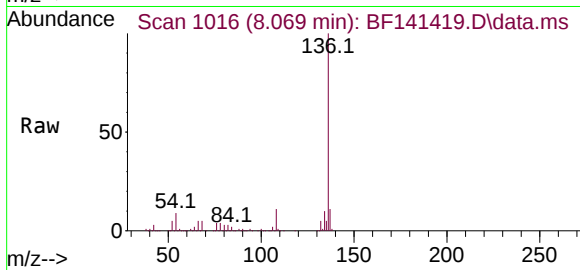
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.0 7.8 11.8

68 4.9 4.9 7.3



#23

Nitrobenzene-d5

Concen: 94.818 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141419.D

Acq: 04 Feb 2025 20:00

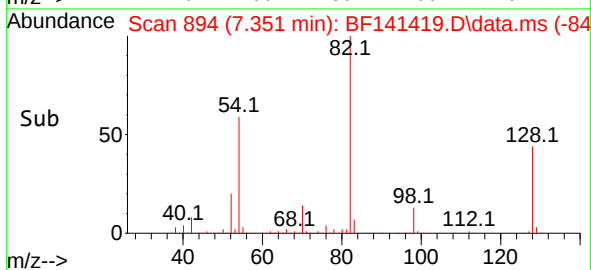
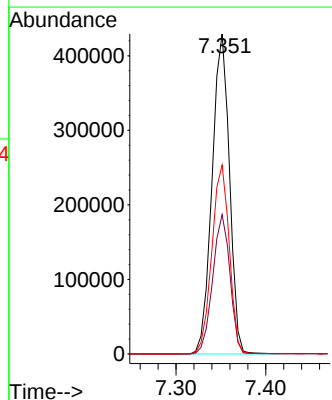
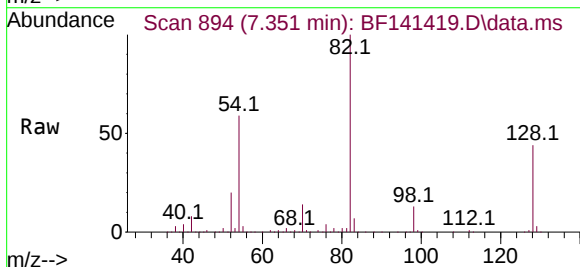
Tgt Ion: 82 Resp: 577375

Ion Ratio Lower Upper

82 100

128 43.5 35.7 53.5

54 59.0 47.1 70.7

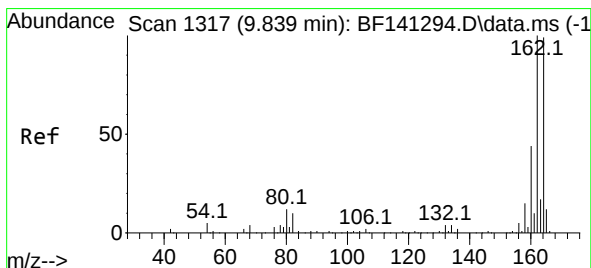
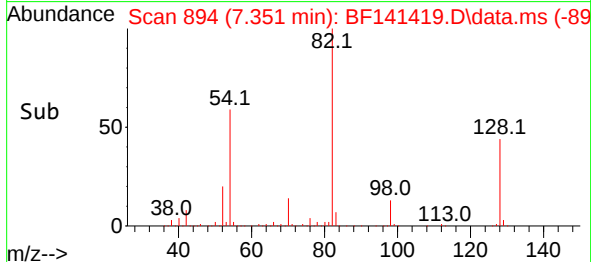
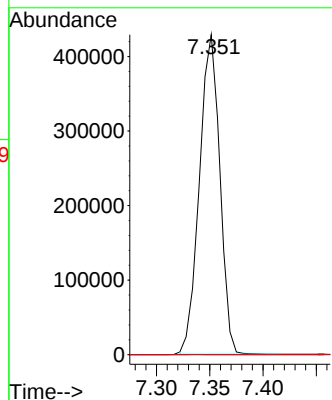
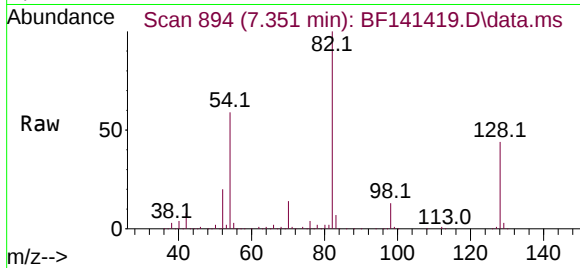




#25
Isophorone
Concen: 54.407 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141419.D
Acq: 04 Feb 2025 20:00

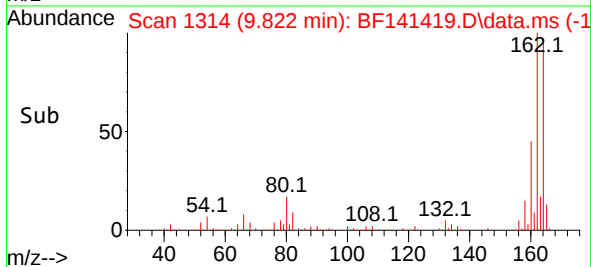
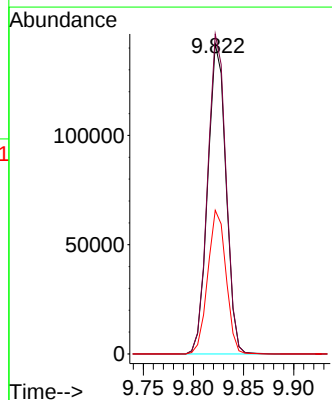
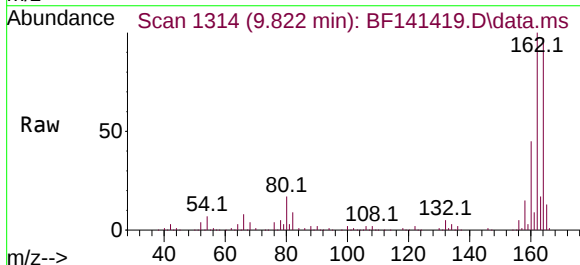
Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

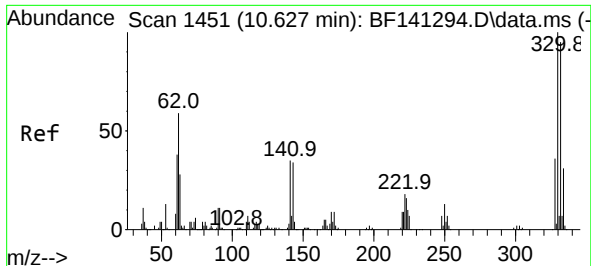
Tgt Ion: 82 Resp: 572688
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141419.D
Acq: 04 Feb 2025 20:00

Tgt Ion:164 Resp: 180364
Ion Ratio Lower Upper
164 100
162 103.2 80.6 121.0
160 46.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 157.295 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141419.D

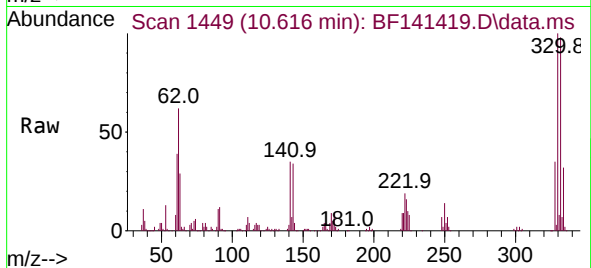
Acq: 04 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

JPP-6.2-013025



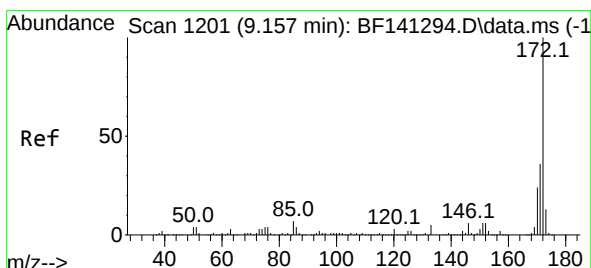
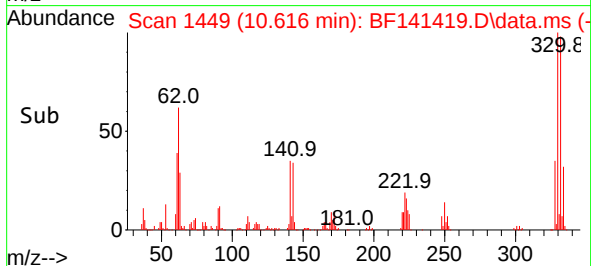
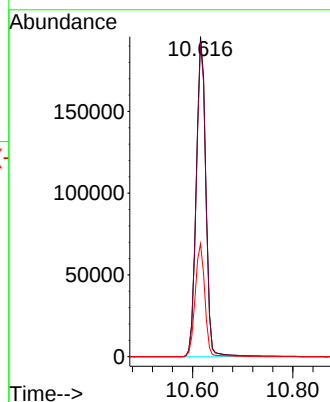
Tgt Ion:330 Resp: 260090

Ion Ratio Lower Upper

330 100

332 98.0 76.1 114.1

141 35.7 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 94.041 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141419.D

Acq: 04 Feb 2025 20:00

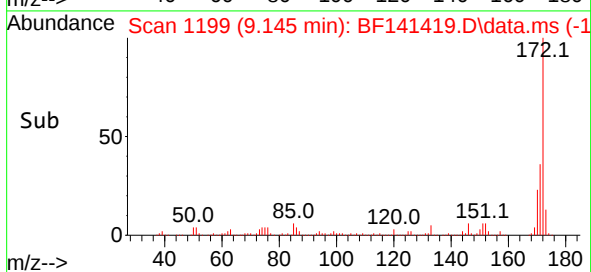
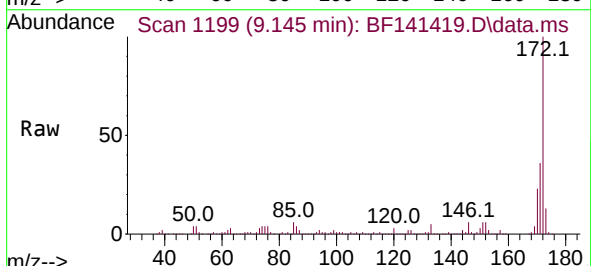
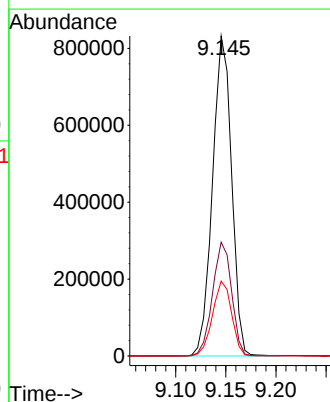
Tgt Ion:172 Resp: 1101984

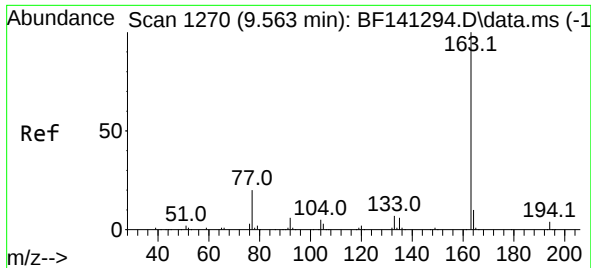
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.4 19.0 28.6

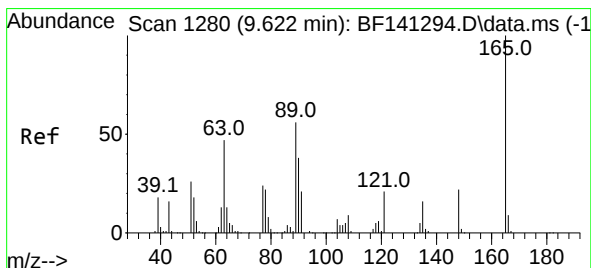
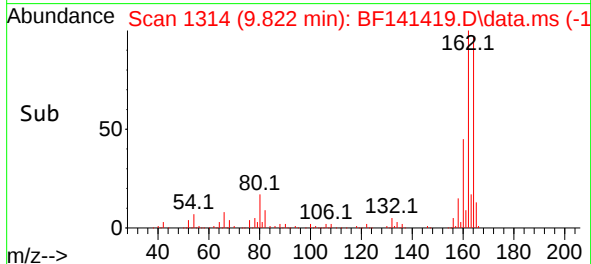
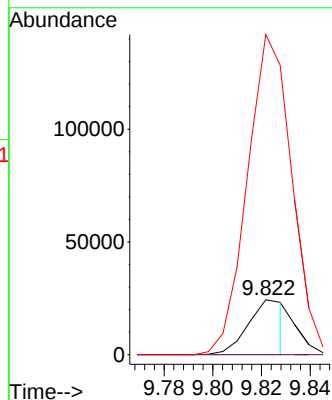
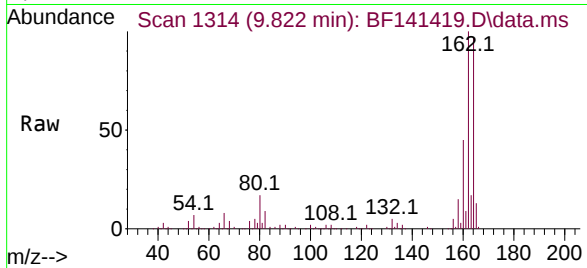




#50
Dimethylphthalate
Concen: 2.057 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.253 min
Lab File: BF141419.D
Acq: 04 Feb 2025 20:00

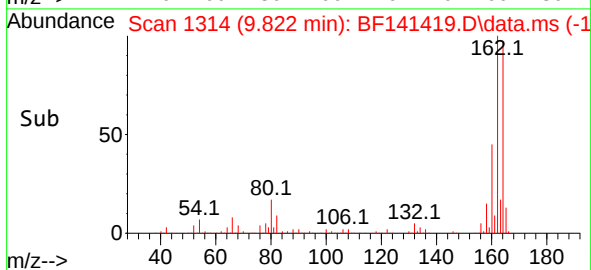
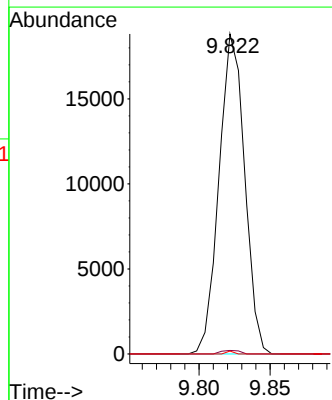
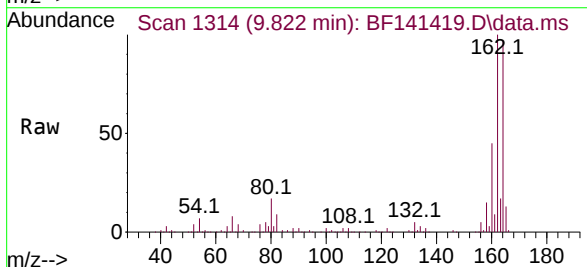
Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

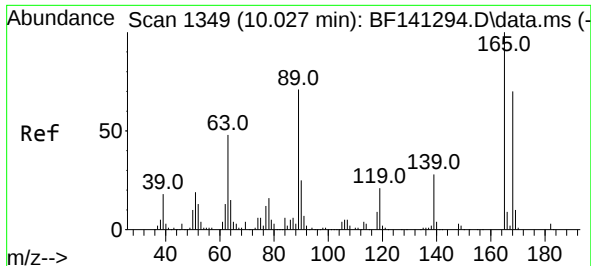
Tgt Ion:163 Resp: 25062
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 583.1 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.337 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF141419.D
Acq: 04 Feb 2025 20:00

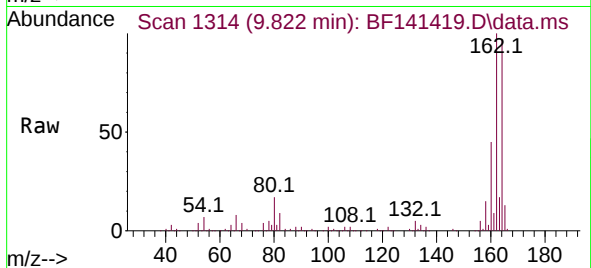
Tgt Ion:165 Resp: 23581
Ion Ratio Lower Upper
165 100
63 1.1 48.1 72.1#
89 0.9 44.9 67.3#



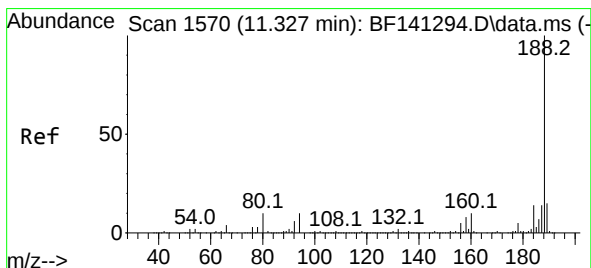
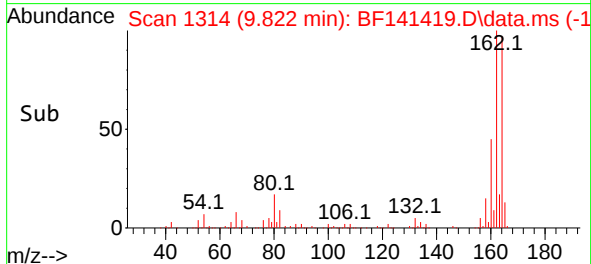
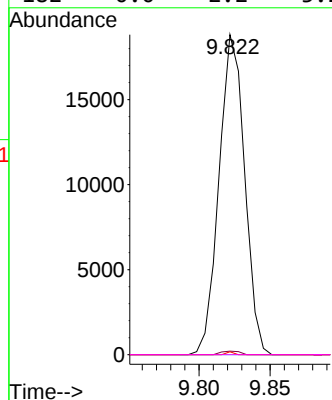


#57
2,4-Dinitrotoluene
Concen: 6.439 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141419.D
Acq: 04 Feb 2025 20:00

Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

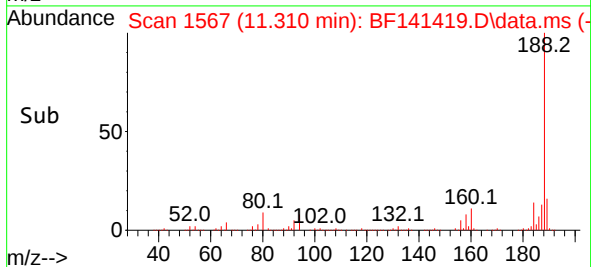
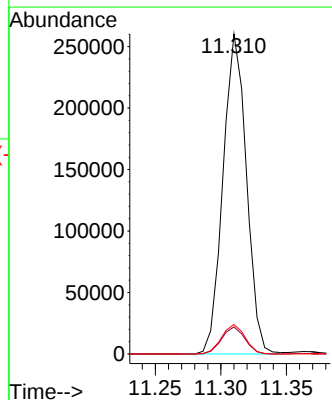
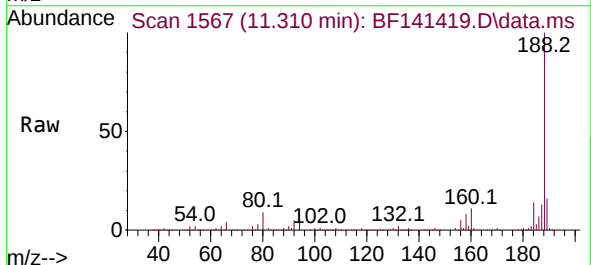


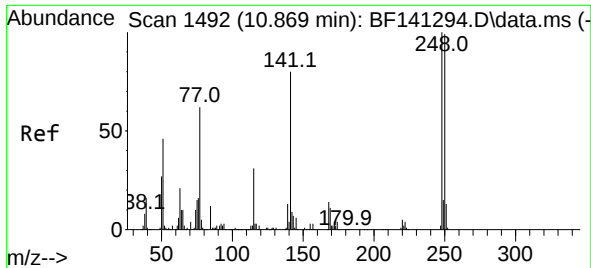
Tgt Ion:165	Resp:	23581
Ion	Ratio	Lower Upper
165	100	
63	1.1	39.2 58.8#
89	0.9	56.9 85.3#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF141419.D
Acq: 04 Feb 2025 20:00

Tgt Ion:188	Resp:	322847
Ion	Ratio	Lower Upper
188	100	
94	8.4	7.8 11.6
80	9.2	8.2 12.4

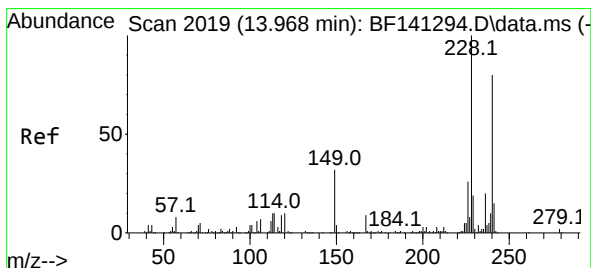
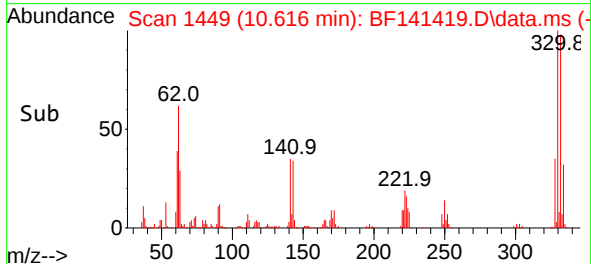
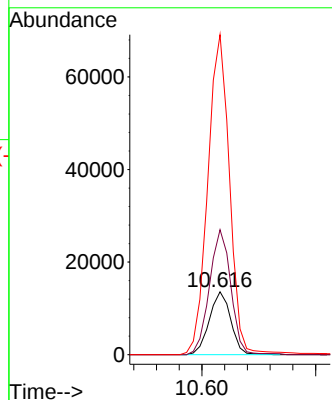
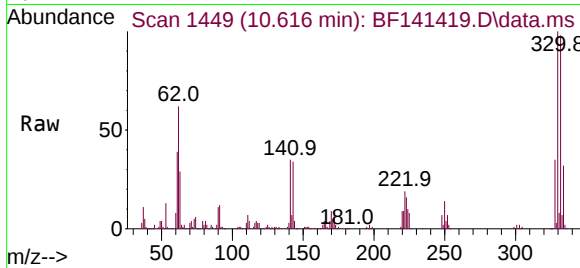




#67
4-Bromophenyl-phenylether
Concen: 4.928 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.259 min
Lab File: BF141419.D
Acq: 04 Feb 2025 20:00

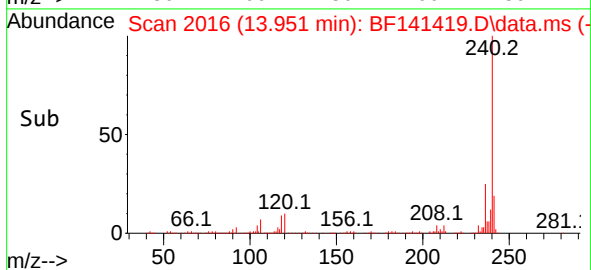
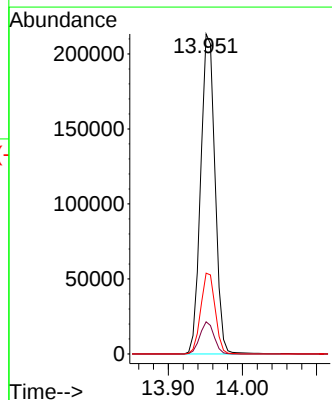
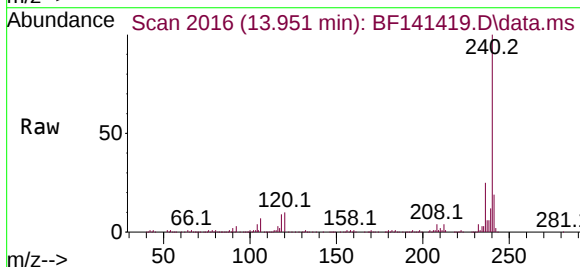
Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

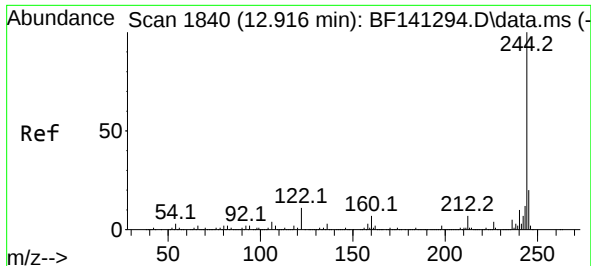
Tgt Ion:248 Resp: 17813
Ion Ratio Lower Upper
248 100
250 198.5 79.0 118.4#
141 508.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.024 min
Lab File: BF141419.D
Acq: 04 Feb 2025 20:00

Tgt Ion:240 Resp: 286651
Ion Ratio Lower Upper
240 100
120 10.0 10.0 15.0
236 25.2 19.7 29.5

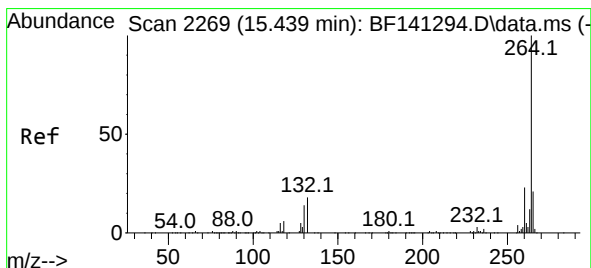
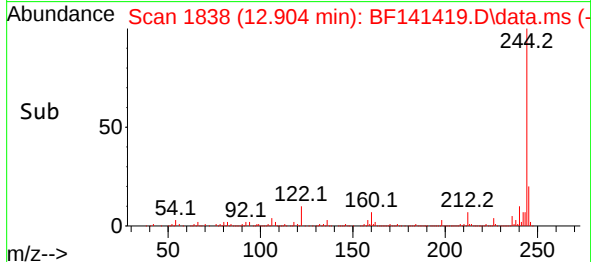
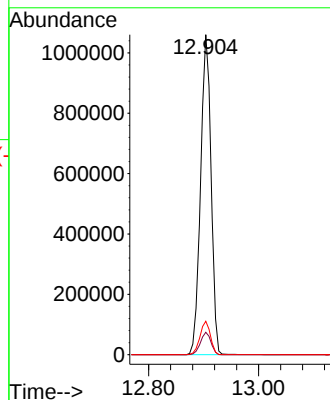
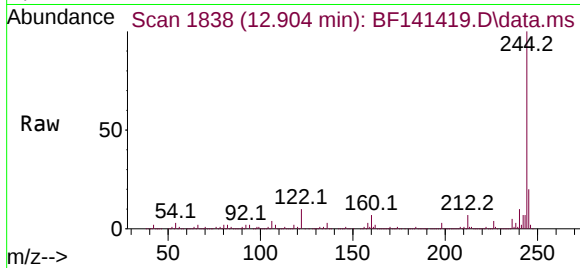




#79
Terphenyl-d14
Concen: 75.759 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141419.D
Acq: 04 Feb 2025 20:00

Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

Tgt Ion:244 Resp: 1408157
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 10.5 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: BF141419.D
Acq: 04 Feb 2025 20:00

Tgt Ion:264 Resp: 237306
Ion Ratio Lower Upper
264 100
260 22.2 18.6 27.8
265 21.4 16.7 25.1

