

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141455.D
 Acq On : 05 Feb 2025 18:54
 Operator : RC/JU
 Sample : Q1207-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-4.5-012725

Quant Time: Feb 06 01:45:12 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)

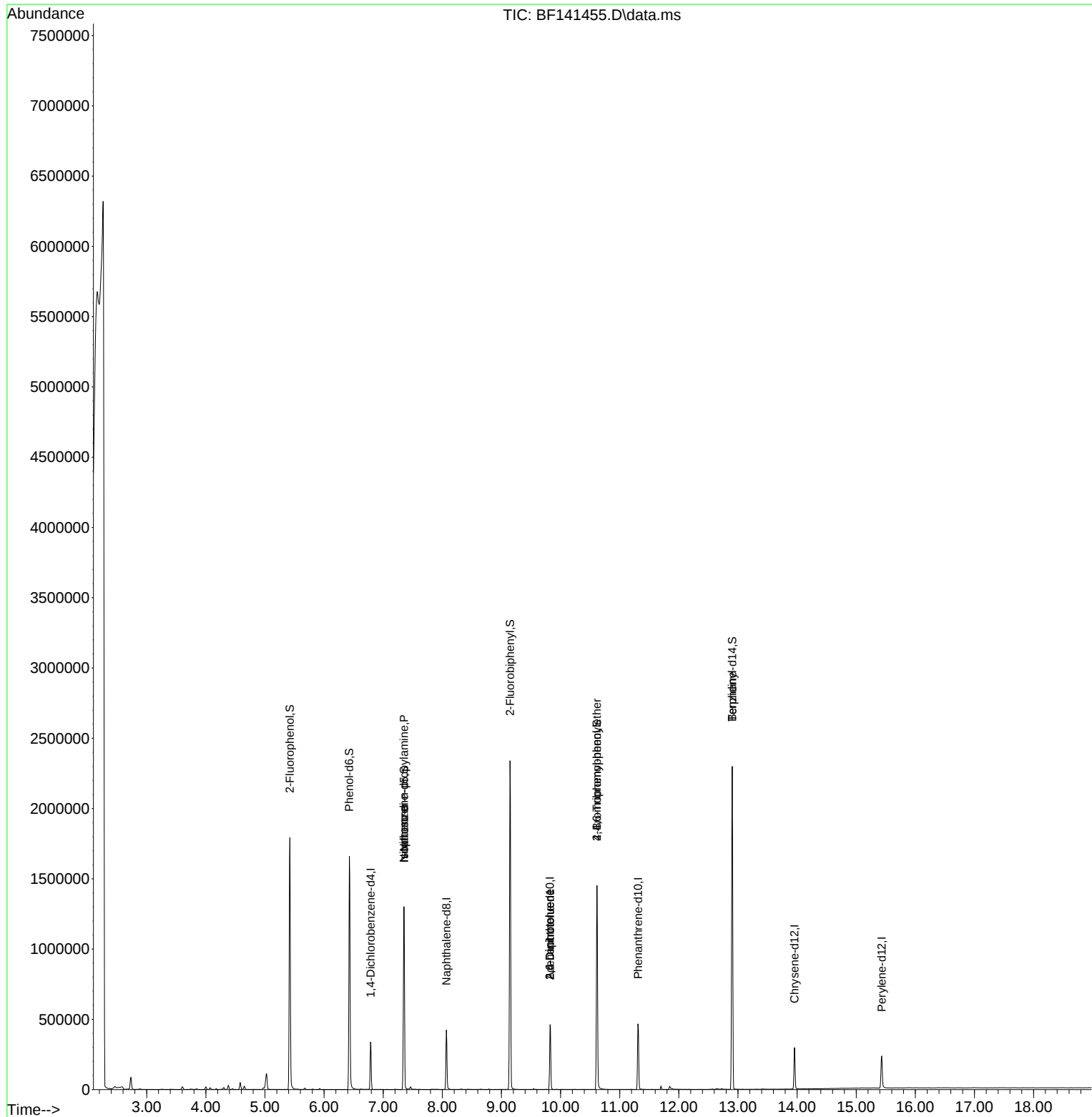
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	67139	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	265210	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	142949	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	242726	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	146889	20.000	ng	#-0.02
86) Perylene-d12	15.433	264	144251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	639865	146.312	ng	0.01
7) Phenol-d6	6.428	99	741396	133.263	ng	-0.01
23) Nitrobenzene-d5	7.351	82	568230	112.949	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	232165	177.156	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1035546	111.501	ng	-0.02
79) Terphenyl-d14	12.904	244	1130421	118.683	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	78822	23.844	ng	# 77
25) Isophorone	7.351	82	562187	64.646	ng	# 64
51) 2,6-Dinitrotoluene	9.822	165	18638	8.314	ng	# 24
57) 2,4-Dinitrotoluene	9.822	165	18638	6.422	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	16331	6.010	ng	# 1
77) Benzidine	12.904	184	15124	3.212	ng	# 91

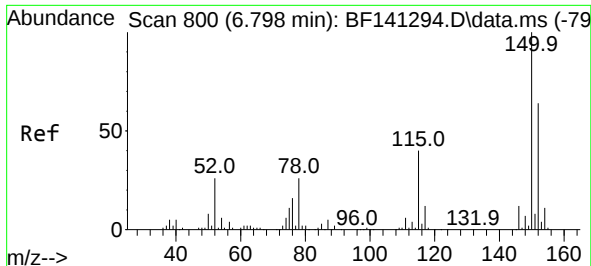
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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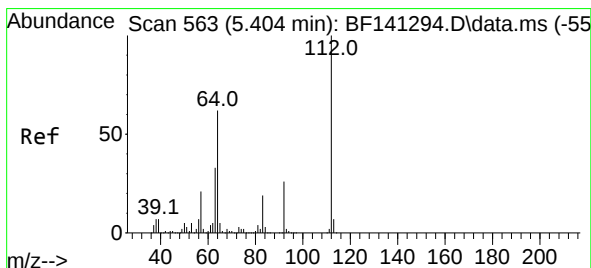
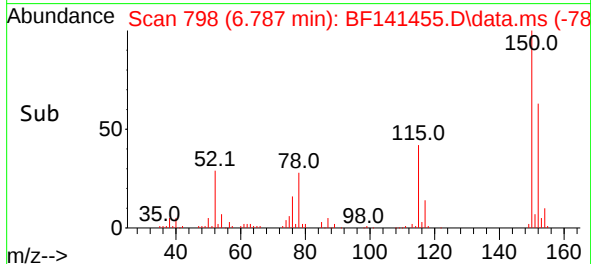
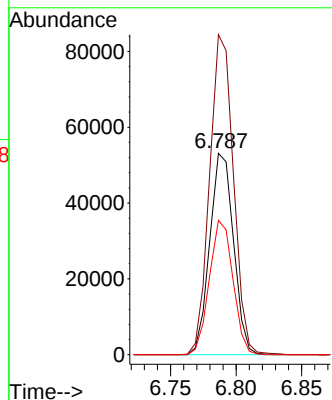
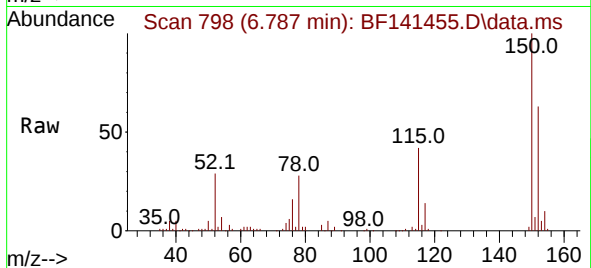




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

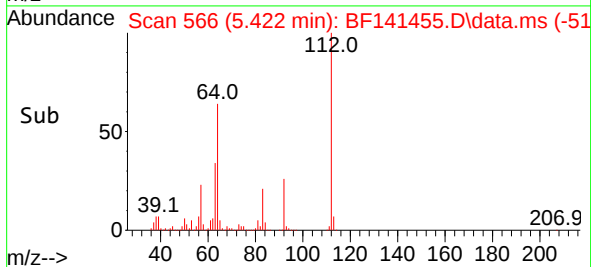
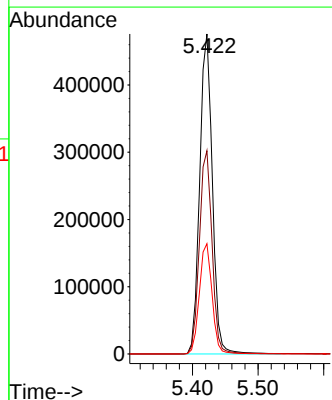
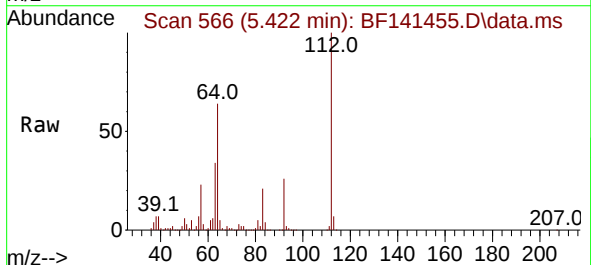
Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

Tgt Ion:152 Resp: 67139
Ion Ratio Lower Upper
152 100
150 158.9 125.9 188.9
115 66.7 49.7 74.5



#5
2-Fluorophenol
Concen: 146.312 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

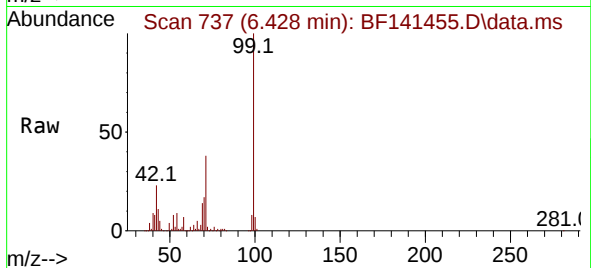
Tgt Ion:112 Resp: 639865
Ion Ratio Lower Upper
112 100
64 63.5 49.8 74.8
63 34.5 26.1 39.1



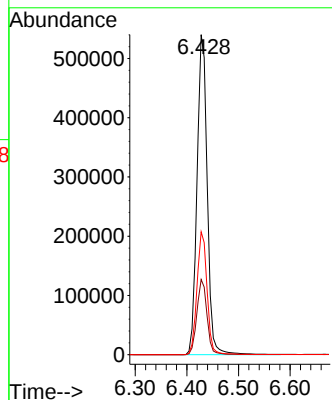
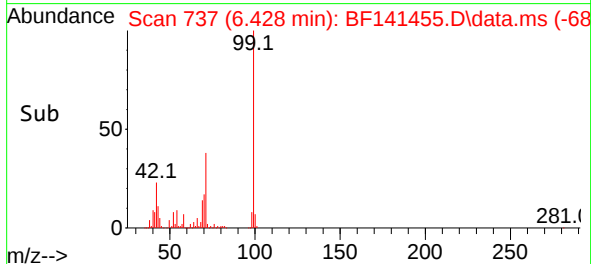


#7
Phenol-d6
Concen: 133.263 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

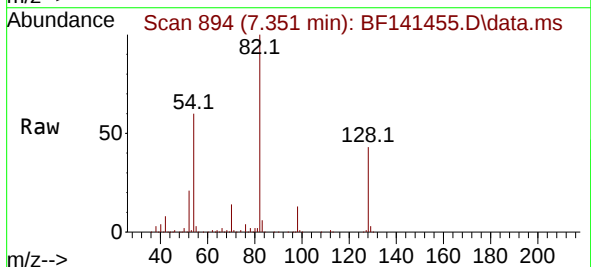
Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725



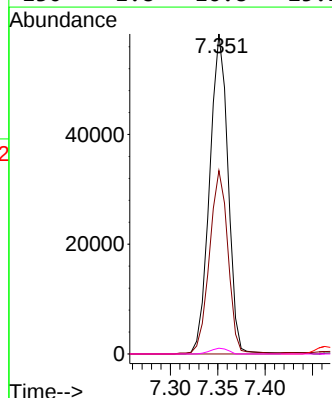
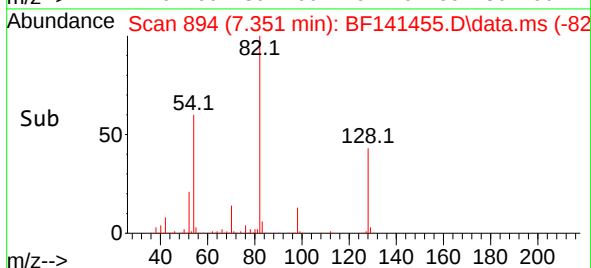
Tgt Ion: 99 Resp: 741396
Ion Ratio Lower Upper
99 100
42 23.5 17.1 25.7
71 38.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 23.844 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54



Tgt Ion: 70 Resp: 78822
Ion Ratio Lower Upper
70 100
42 57.3 56.8 85.2
101 0.0 7.7 11.5#
130 1.8 16.8 25.2#

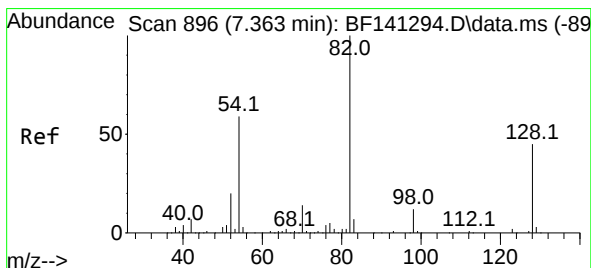
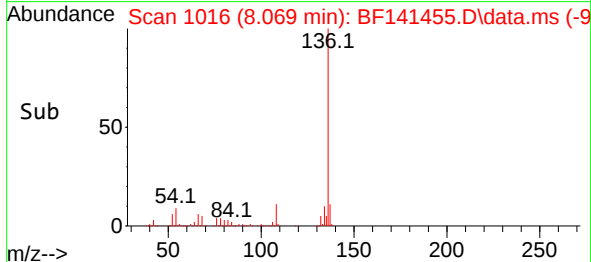
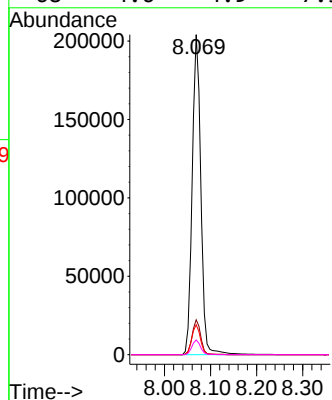
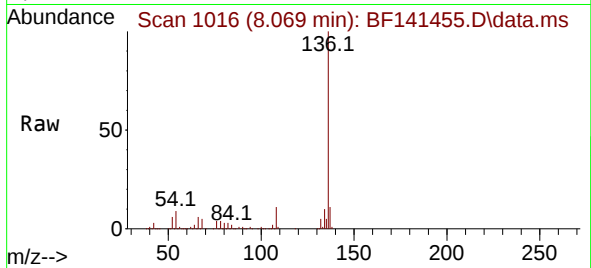




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

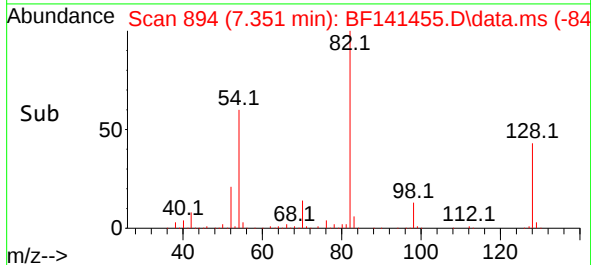
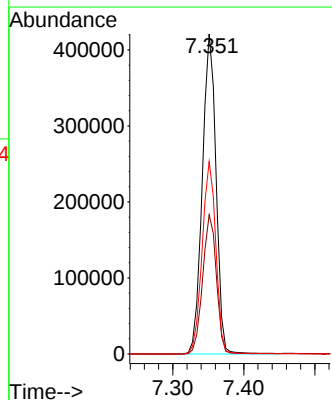
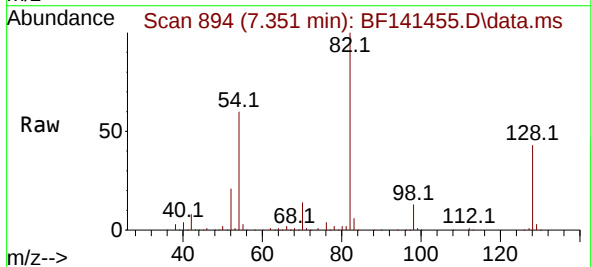
Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

Tgt Ion:136 Resp: 265210
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.4 7.8 11.8
68 4.6 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 112.949 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Tgt Ion: 82 Resp: 568230
Ion Ratio Lower Upper
82 100
128 43.5 35.7 53.5
54 60.1 47.1 70.7

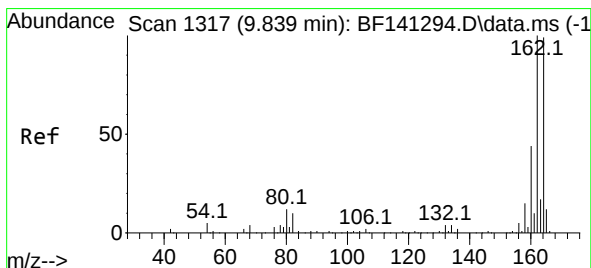
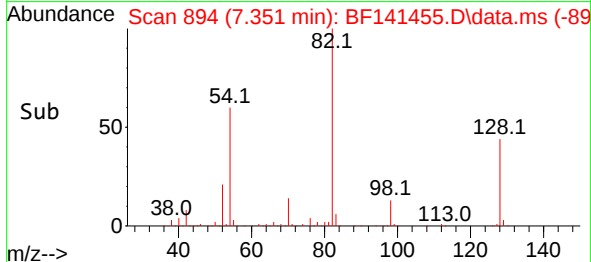
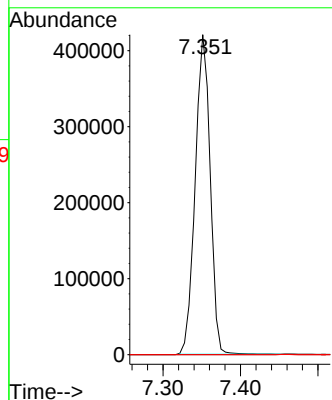
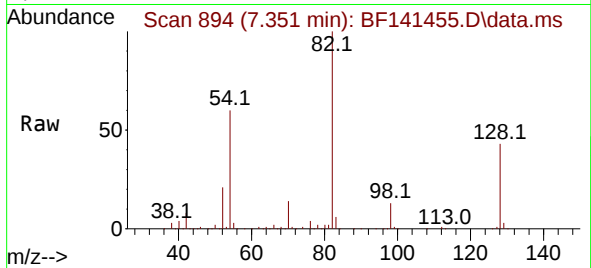




#25
Isophorone
Concen: 64.646 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

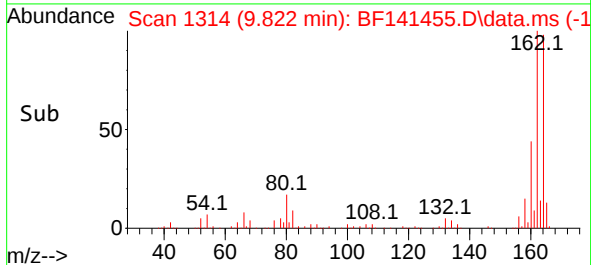
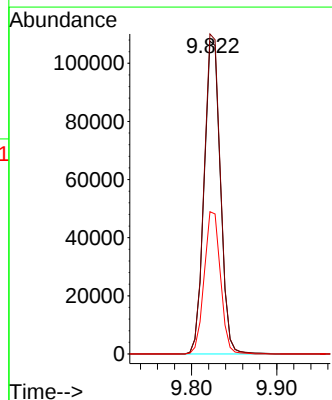
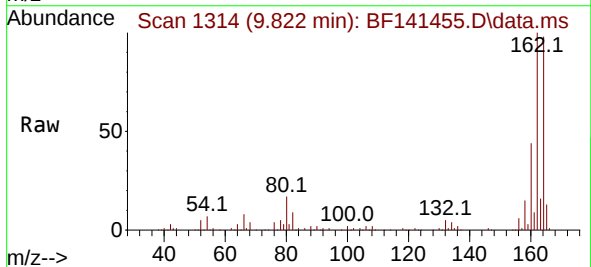
Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

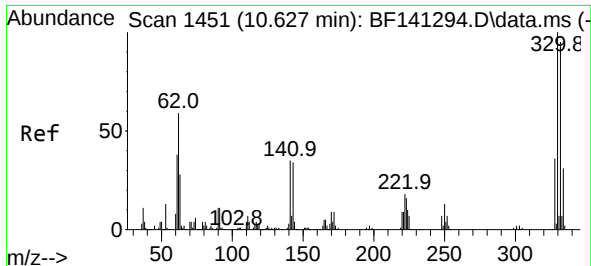
Tgt Ion: 82 Resp: 562187
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

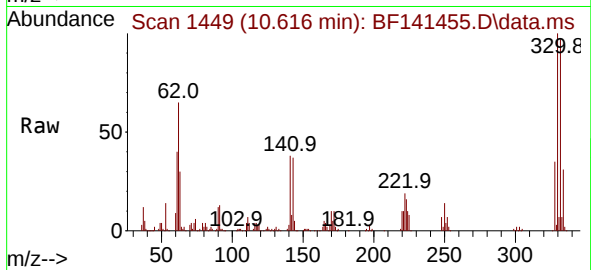
Tgt Ion: 164 Resp: 142949
Ion Ratio Lower Upper
164 100
162 102.3 80.6 121.0
160 45.5 35.8 53.6



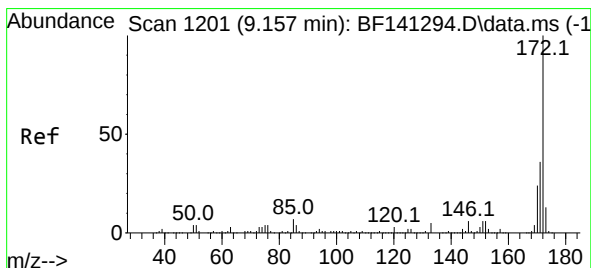
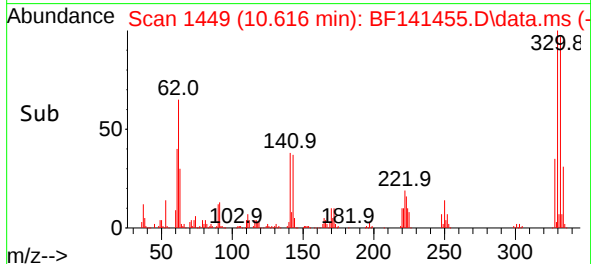
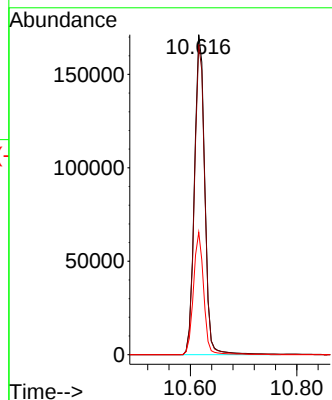


#42
2,4,6-Tribromophenol
Concen: 177.156 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

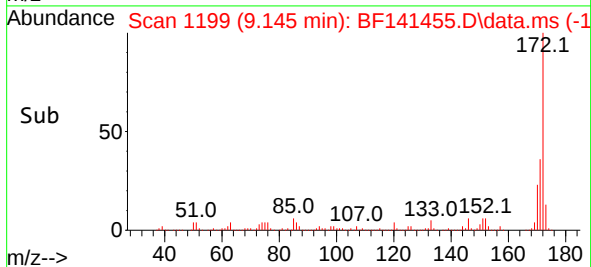
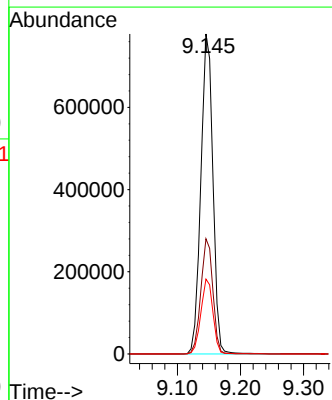
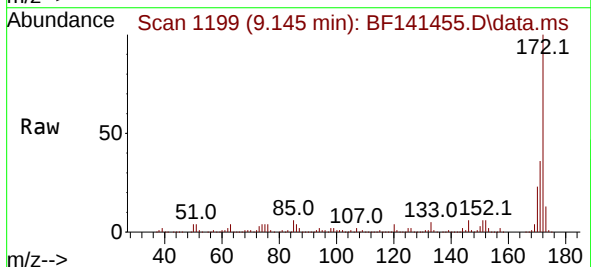


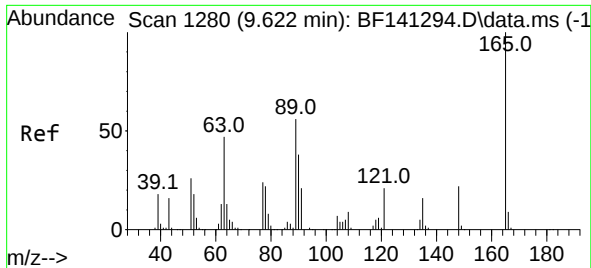
Tgt Ion:330 Resp: 232165
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 37.7 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 111.501 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Tgt Ion:172 Resp: 1035546
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.314 ng

RT: 9.822 min Scan# 1

Delta R.T. 0.194 min

Lab File: BF141455.D

Acq: 05 Feb 2025 18:54

Instrument :

BNA_F

ClientSampleId :

JPP-4.5-012725

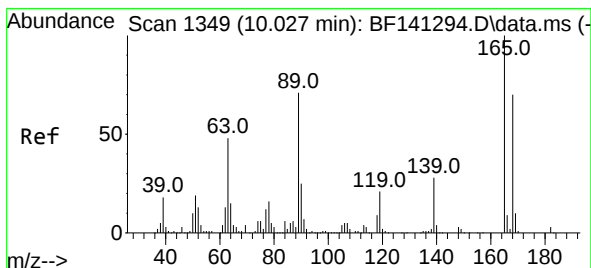
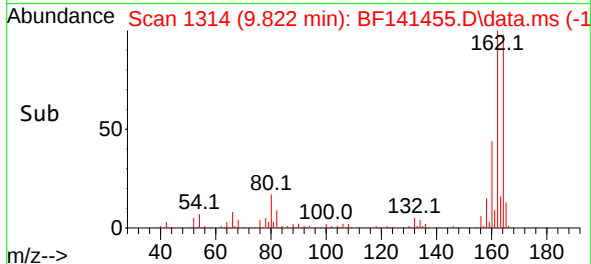
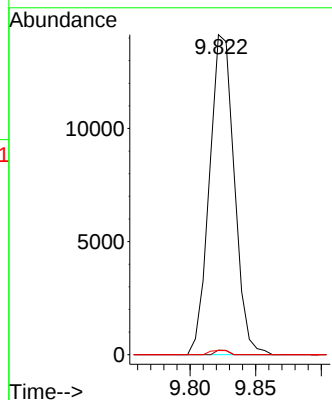
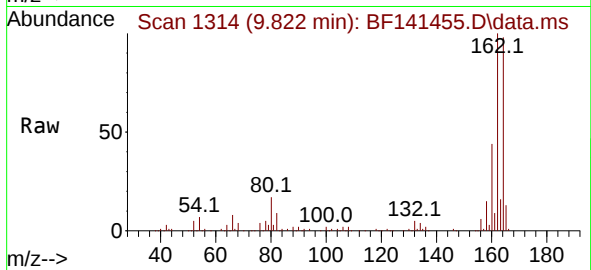
Tgt Ion:165 Resp: 18638

Ion Ratio Lower Upper

165 100

63 1.5 48.1 72.1#

89 1.3 44.9 67.3#



#57

2,4-Dinitrotoluene

Concen: 6.422 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.212 min

Lab File: BF141455.D

Acq: 05 Feb 2025 18:54

Tgt Ion:165 Resp: 18638

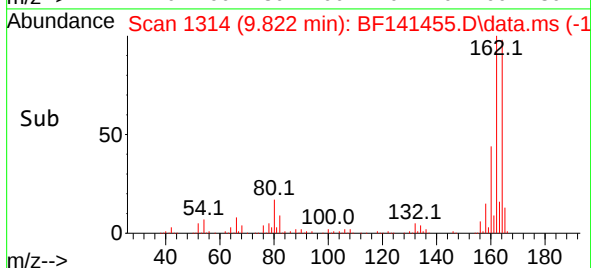
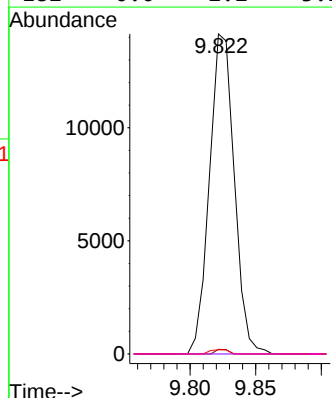
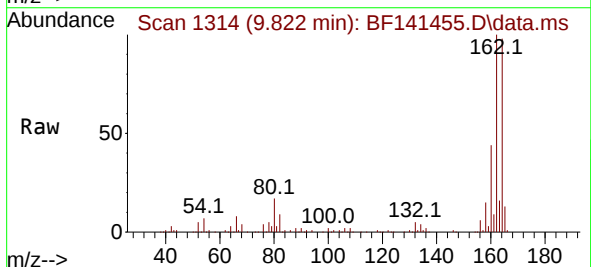
Ion Ratio Lower Upper

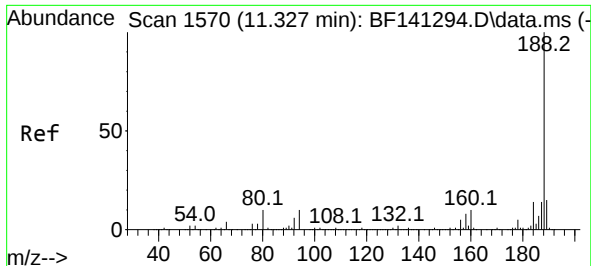
165 100

63 1.5 39.2 58.8#

89 1.3 56.9 85.3#

182 0.0 2.2 3.2#

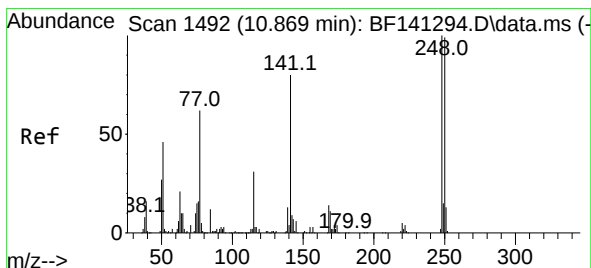
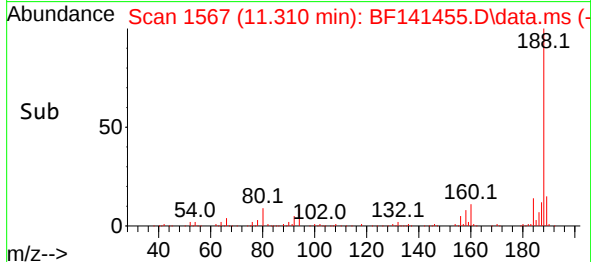
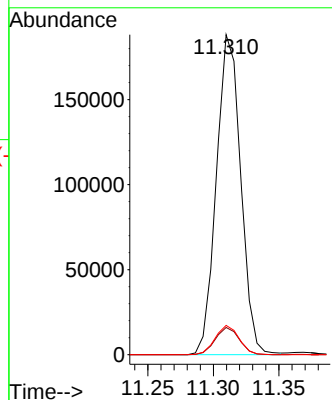
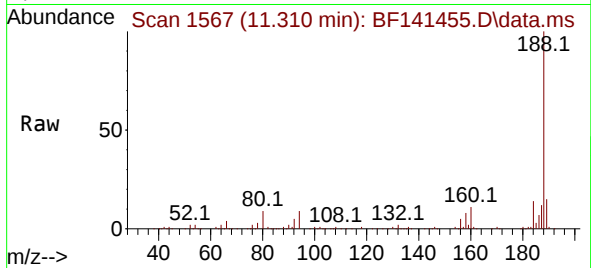




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

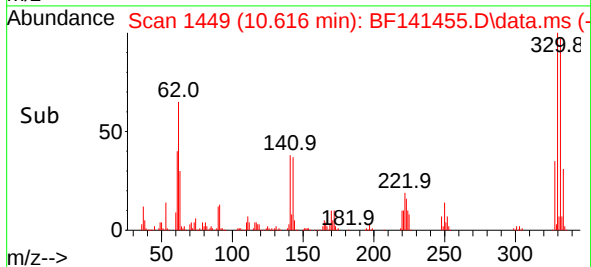
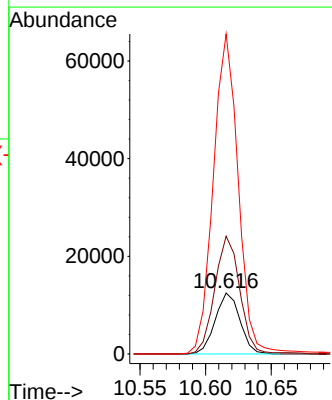
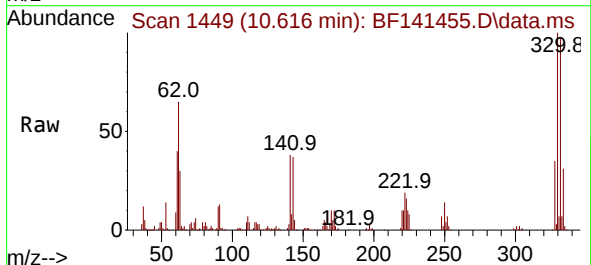
Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

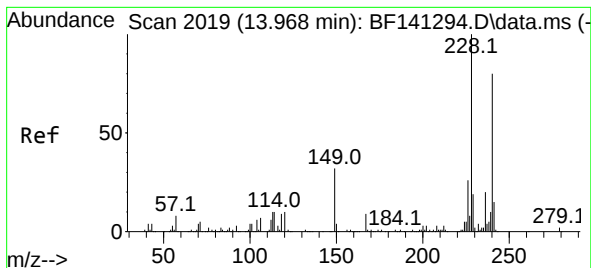
Tgt Ion:188 Resp: 242726
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 9.1 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 6.010 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Tgt Ion:248 Resp: 16331
Ion Ratio Lower Upper
248 100
250 193.2 79.0 118.4#
141 525.0 63.7 95.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141455.D

Acq: 05 Feb 2025 18:54

Instrument :

BNA_F

ClientSampleId :

JPP-4.5-012725

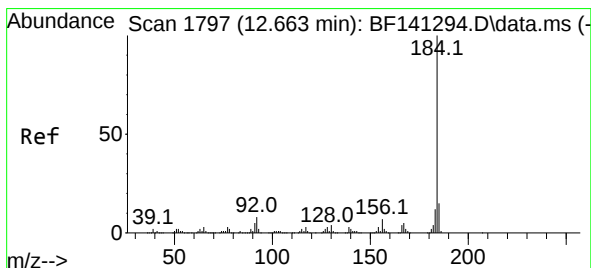
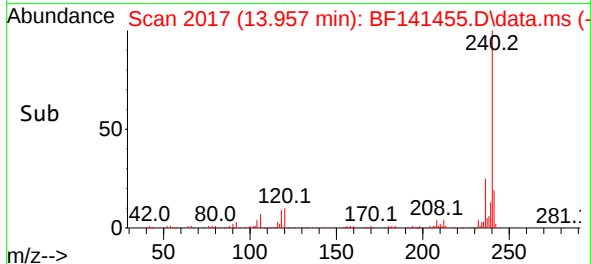
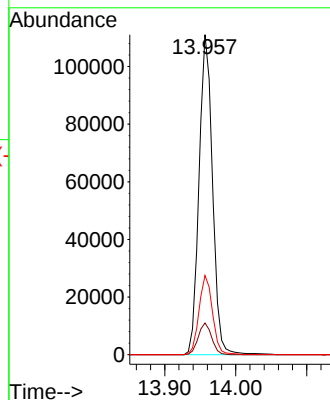
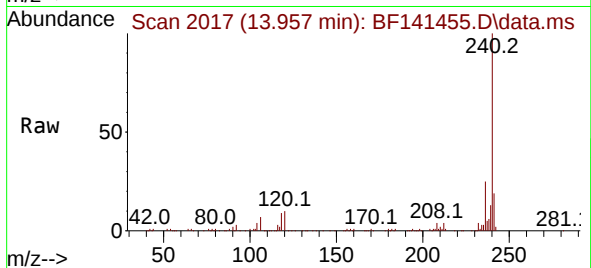
Tgt Ion:240 Resp: 146889

Ion Ratio Lower Upper

240 100

120 9.9 10.0 15.0#

236 24.7 19.7 29.5



#77

Benzidine

Concen: 3.212 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.241 min

Lab File: BF141455.D

Acq: 05 Feb 2025 18:54

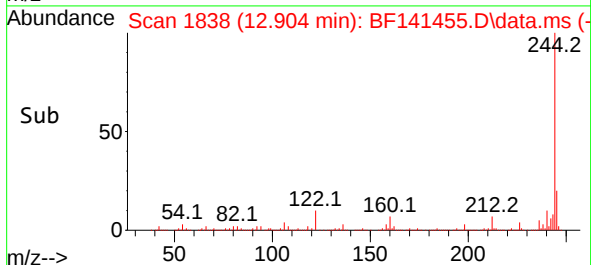
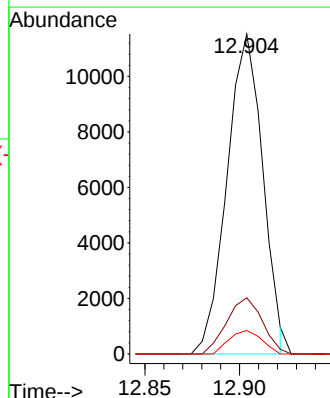
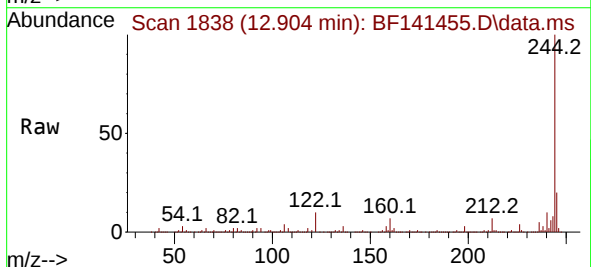
Tgt Ion:184 Resp: 15124

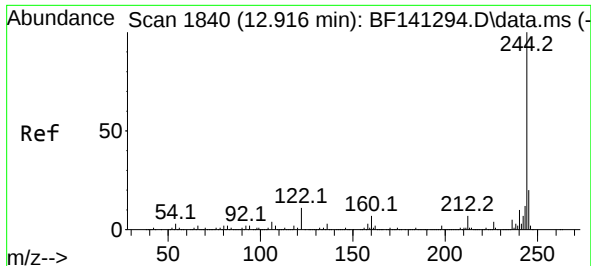
Ion Ratio Lower Upper

184 100

185 17.5 11.9 17.9

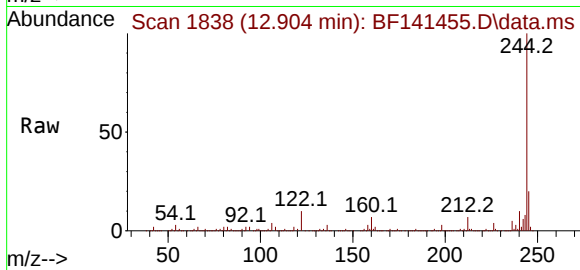
183 7.3 9.5 14.3#



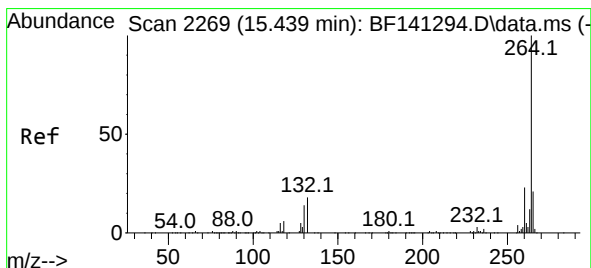
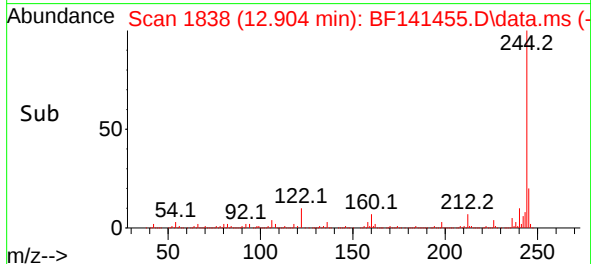
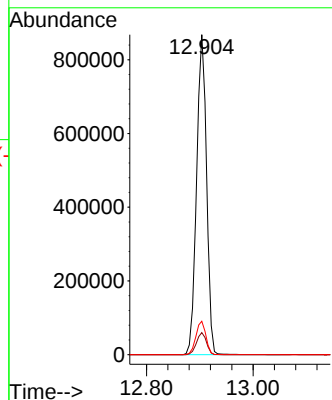


#79
Terphenyl-d14
Concen: 118.683 ng
RT: 12.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725



Tgt Ion:244 Resp: 1130421
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.4 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Tgt Ion:264 Resp: 144251
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.3 16.7 25.1

