

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141463.D
 Acq On : 05 Feb 2025 22:23
 Operator : RC/JU
 Sample : Q1207-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-4.5-012725

Quant Time: Feb 06 01:49:57 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)

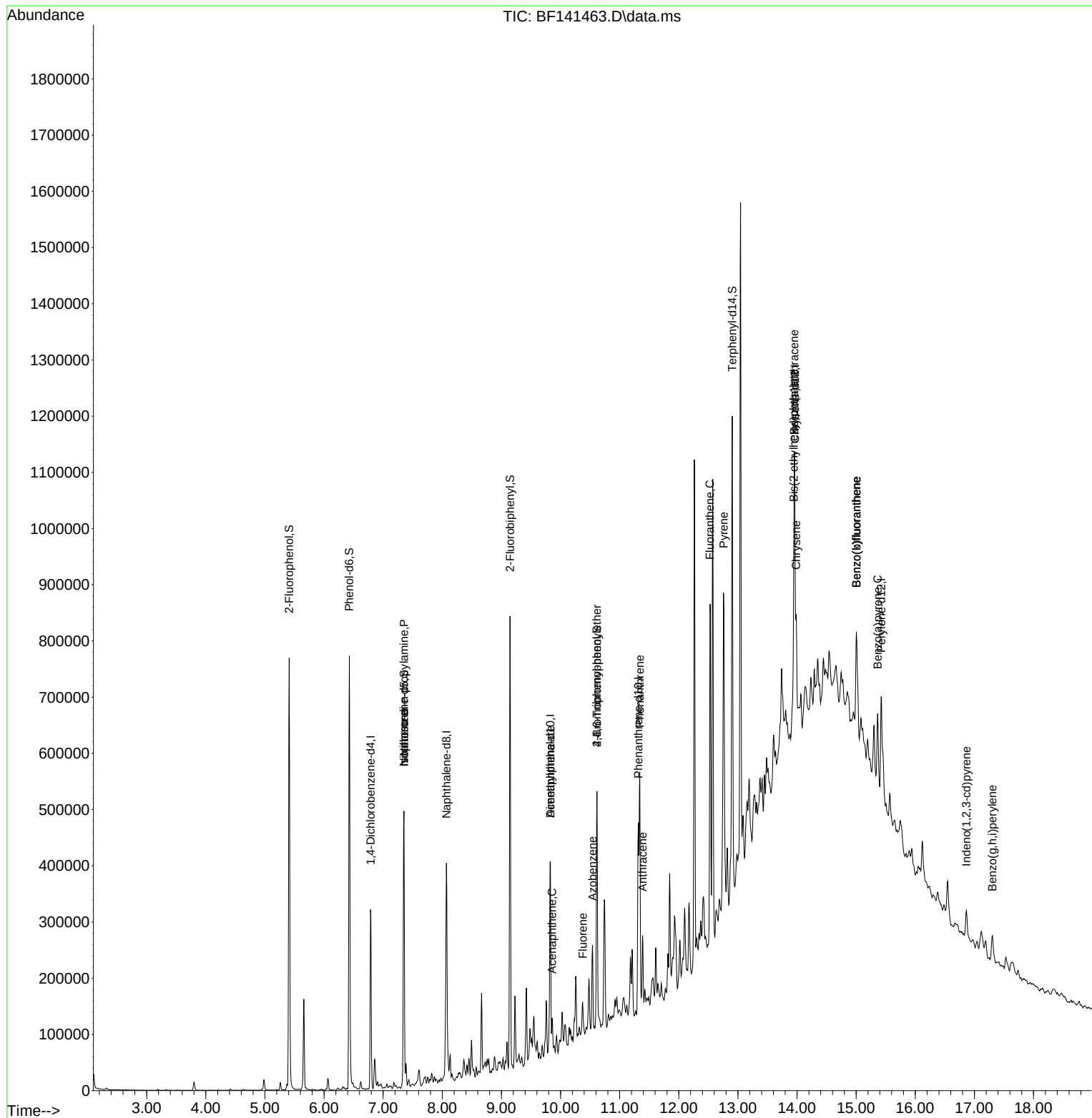
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	64317	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	224656	20.000	ng	-0.02
39) Acenaphthene-d10	9.828	164	101868	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	168524	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	142671	20.000	ng	-0.01
86) Perylene-d12	15.421	264	103713	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	279632	66.746	ng	0.00
7) Phenol-d6	6.428	99	324085	60.809	ng	-0.01
23) Nitrobenzene-d5	7.351	82	207722	48.743	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	60761	65.062	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	334092	50.480	ng	-0.02
79) Terphenyl-d14	12.904	244	379527	41.025	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	30392	9.597	ng	# 78
25) Isophorone	7.351	82	204876	27.812	ng	# 65
50) Dimethylphthalate	9.828	163	16258	2.363	ng	# 1
52) Acenaphthene	9.857	154	16316	2.635	ng	91
58) Fluorene	10.375	166	16921	2.632	ng	# 91
63) Azobenzene	10.539	77	33605	5.033	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	4554	2.414	ng	# 1
71) Phenanthrene	11.339	178	223918	24.718	ng	100
72) Anthracene	11.386	178	75661	8.524	ng	98
75) Fluoranthene	12.527	202	355598	39.756	ng	98
78) Pyrene	12.757	202	333381	24.343	ng	98
81) Benzo(a)anthracene	13.951	228	144755	14.703	ng	97
83) Chrysene	13.986	228	111551	12.363	ng	96
84) Bis(2-ethylhexyl)phtha...	13.945	149	15617	2.573	ng	# 88
87) Indeno(1,2,3-cd)pyrene	16.862	276	40993	6.124	ng	# 90
88) Benzo(b)fluoranthene	15.004	252	145921	22.367	ng	# 89
89) Benzo(k)fluoranthene	15.004	252	145921	25.249	ng	# 89
90) Benzo(a)pyrene	15.363	252	78640	14.265	ng	# 90
92) Benzo(g,h,i)perylene	17.304	276	43228	7.720	ng	94

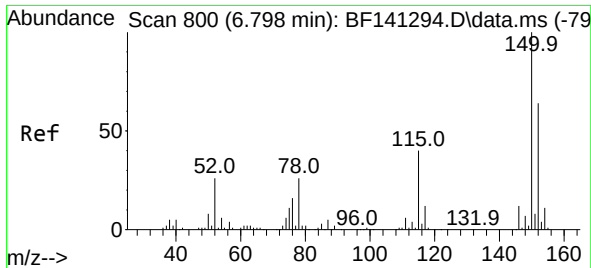
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
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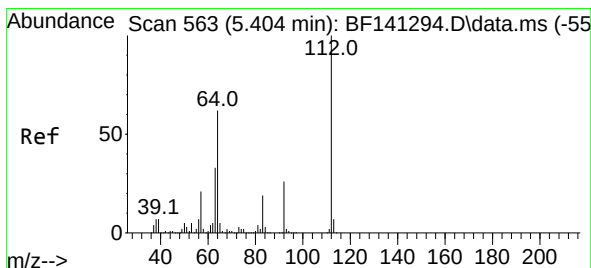
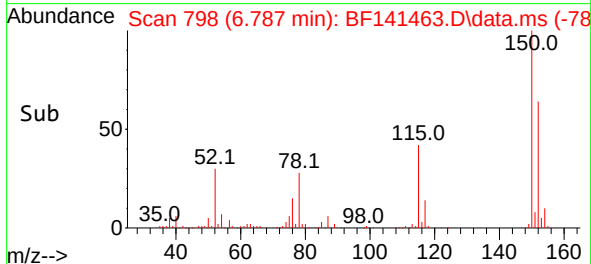
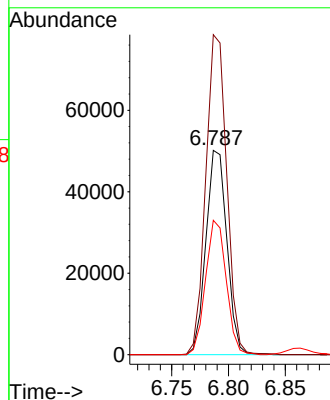
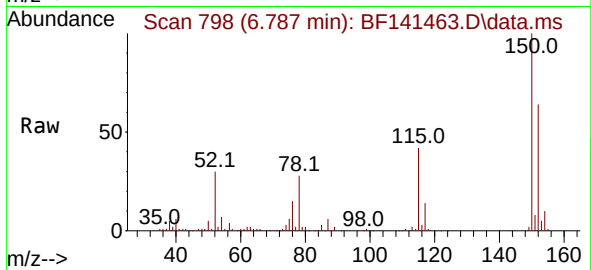




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF141463.D
 Acq: 05 Feb 2025 22:23

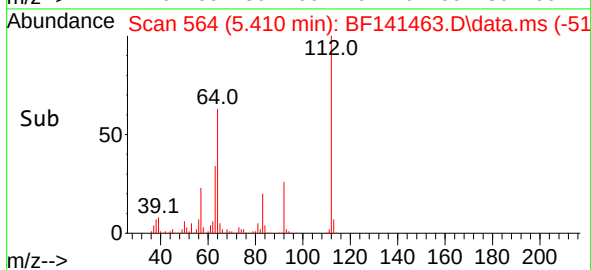
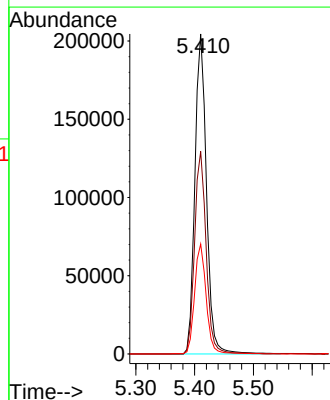
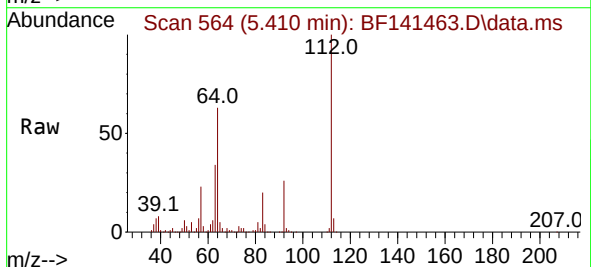
Instrument :
 BNA_F
 ClientSampleId :
 JPP-4.5-012725

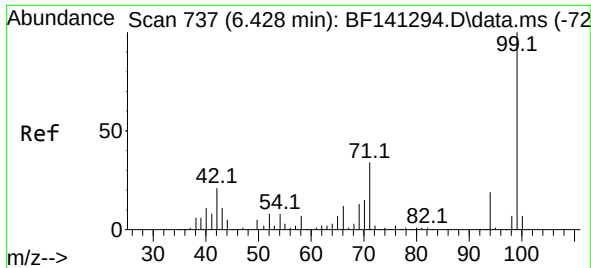
Tgt Ion:152 Resp: 64317
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.9 188.9
 115 65.7 49.7 74.5



#5
 2-Fluorophenol
 Concen: 66.746 ng
 RT: 5.410 min Scan# 564
 Delta R.T. -0.000 min
 Lab File: BF141463.D
 Acq: 05 Feb 2025 22:23

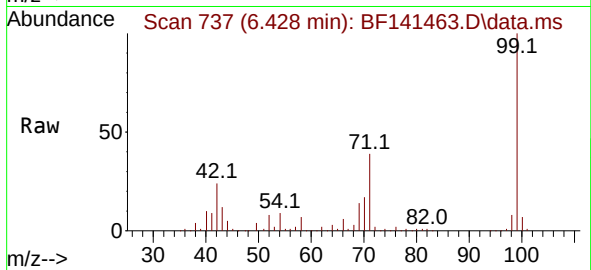
Tgt Ion:112 Resp: 279632
 Ion Ratio Lower Upper
 112 100
 64 63.3 49.8 74.8
 63 34.3 26.1 39.1



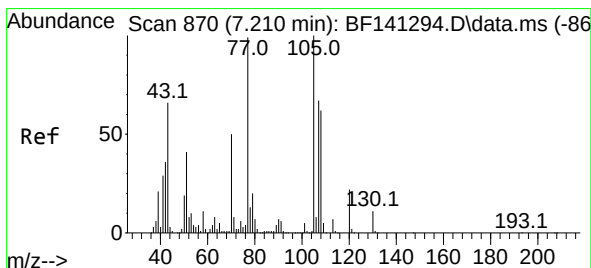
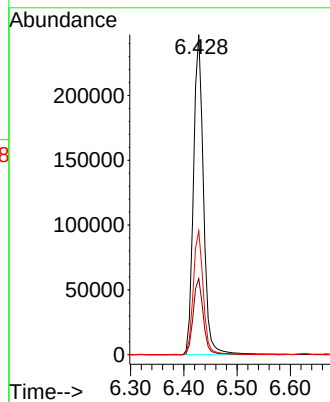
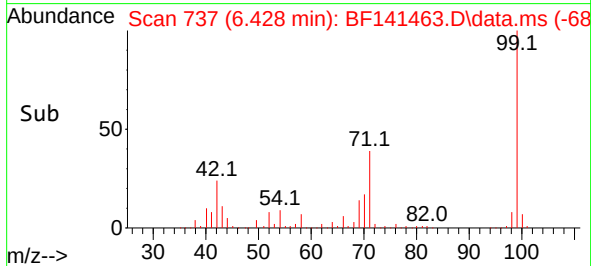


#7
Phenol-d6
Concen: 60.809 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

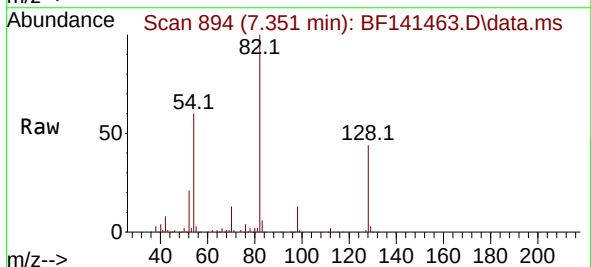
Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725



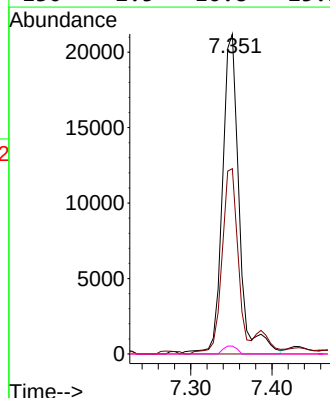
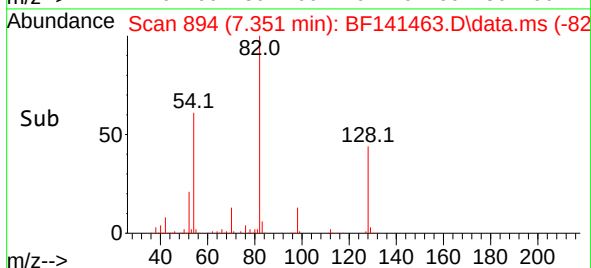
Tgt Ion: 99 Resp: 324085
Ion Ratio Lower Upper
99 100
42 23.7 17.1 25.7
71 38.7 26.9 40.3

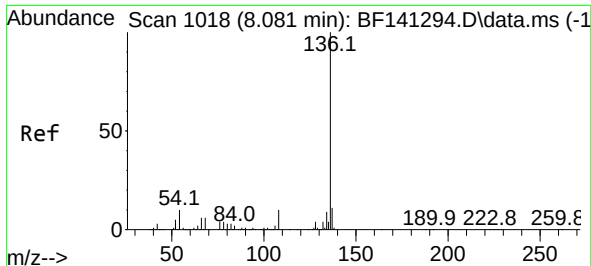


#19
n-Nitroso-di-n-propylamine
Concen: 9.597 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23



Tgt Ion: 70 Resp: 30392
Ion Ratio Lower Upper
70 100
42 57.9 56.8 85.2
101 0.0 7.7 11.5#
130 2.5 16.8 25.2#

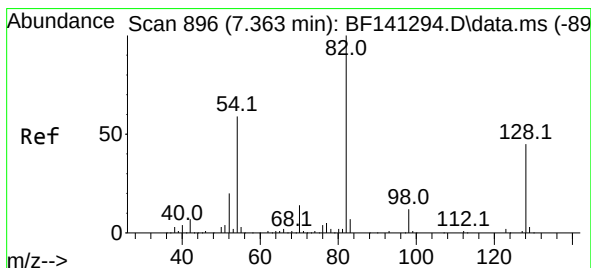
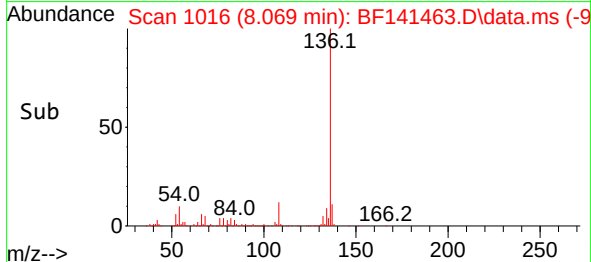
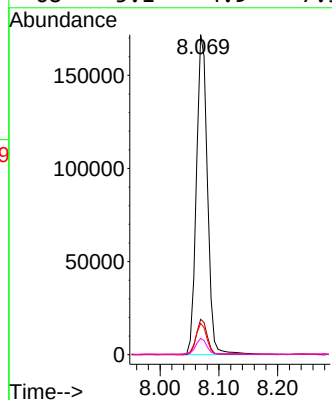
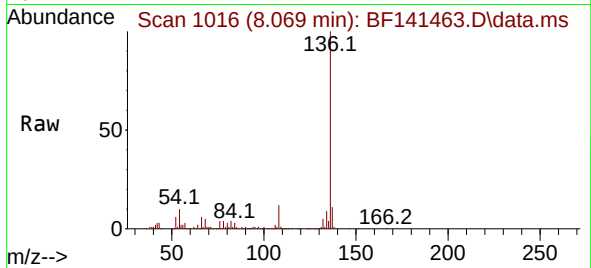




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

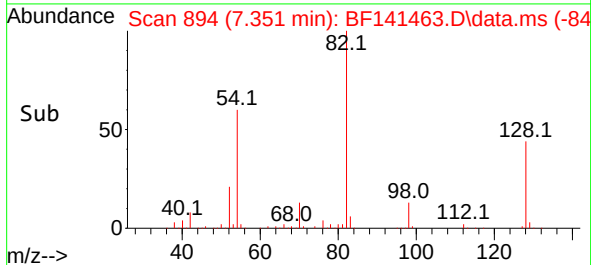
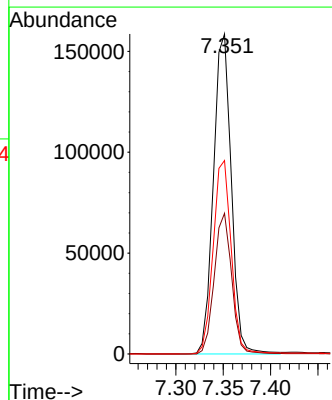
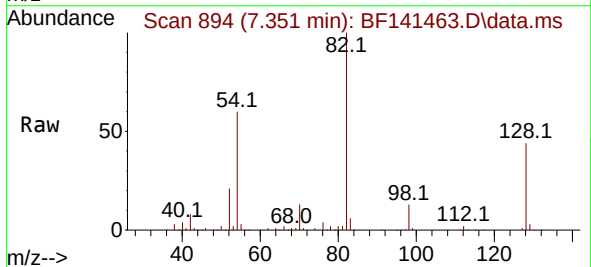
Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

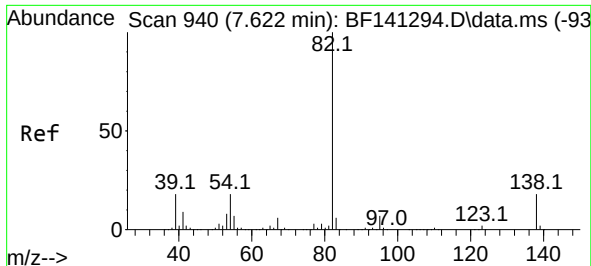
Tgt Ion:136 Resp: 224656
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.8 7.8 11.8
68 5.1 4.9 7.3



#23
Nitrobenzene-d5
Concen: 48.743 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

Tgt Ion: 82 Resp: 207722
Ion Ratio Lower Upper
82 100
128 44.0 35.7 53.5
54 60.4 47.1 70.7

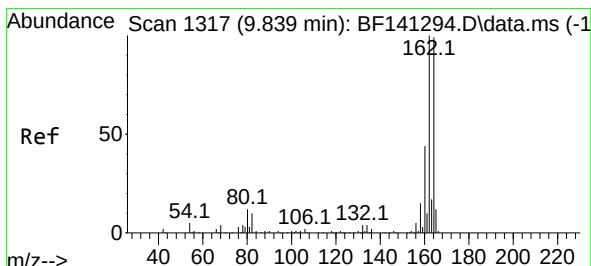
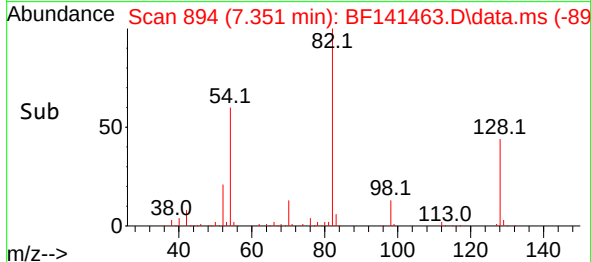
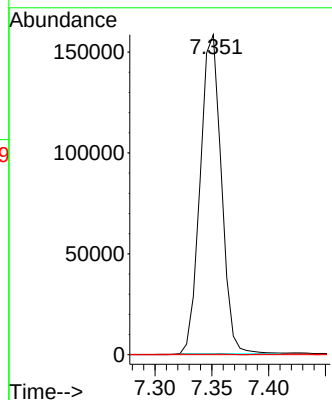
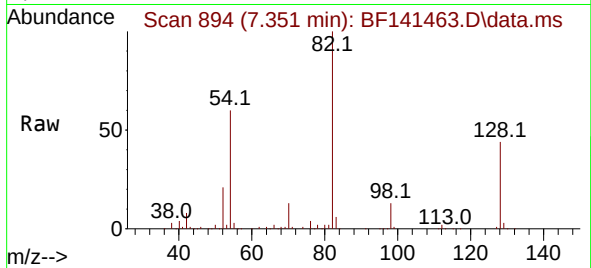




#25
Isophorone
Concen: 27.812 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

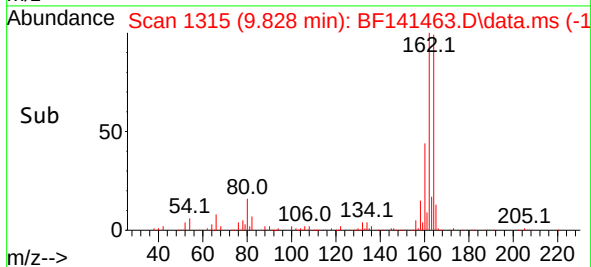
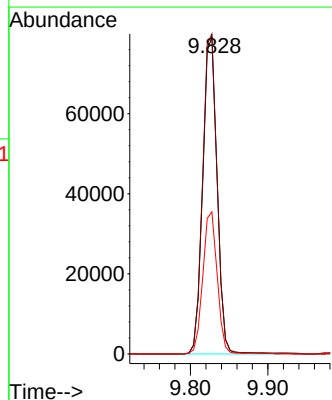
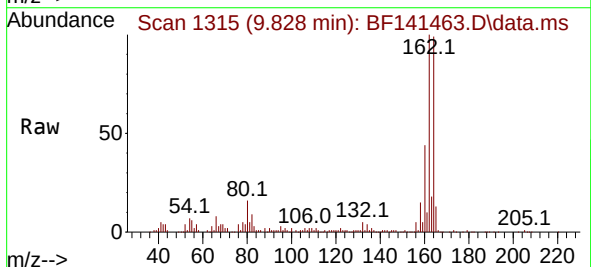
Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

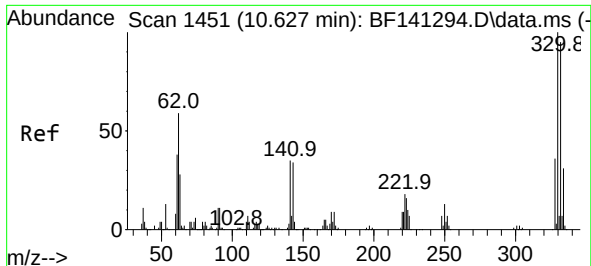
Tgt Ion: 82 Resp: 204876
Ion Ratio Lower Upper
82 100
95 0.2 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

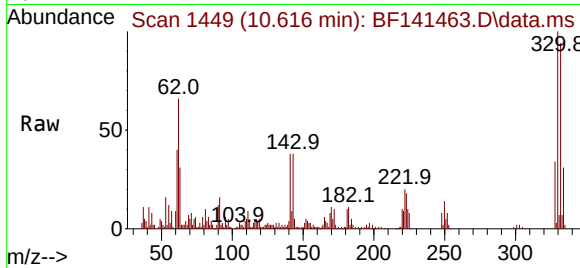
Tgt Ion:164 Resp: 101868
Ion Ratio Lower Upper
164 100
162 101.1 80.6 121.0
160 44.9 35.8 53.6



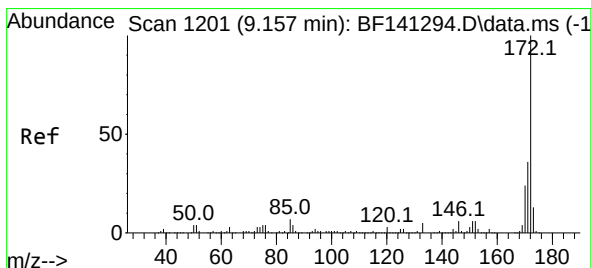
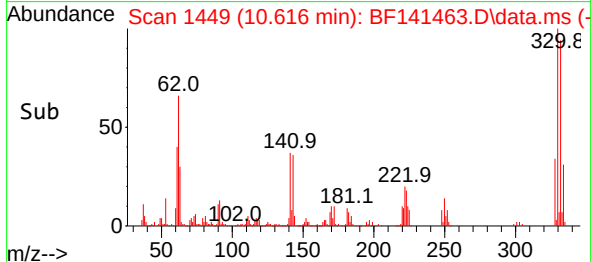
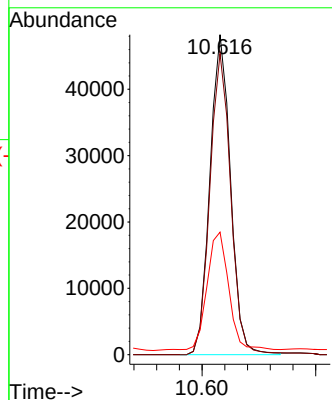


#42
2,4,6-Tribromophenol
Concen: 65.062 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

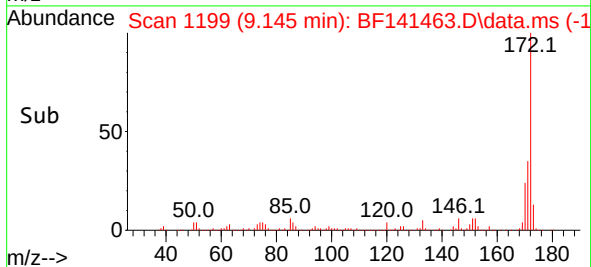
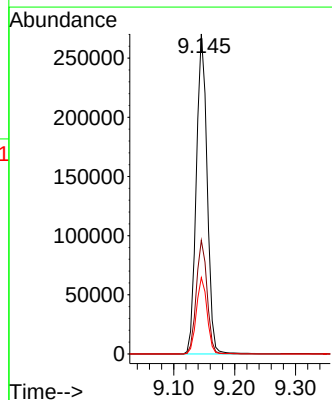
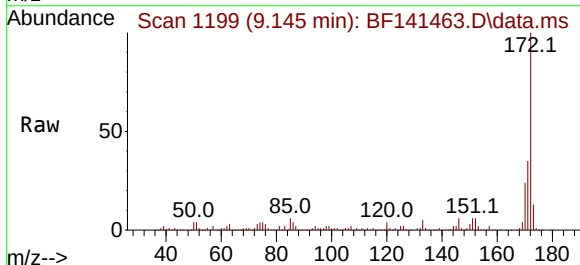


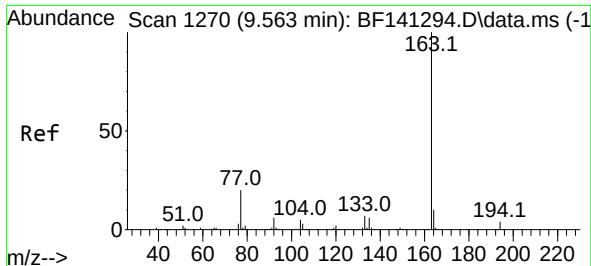
Tgt Ion: 330 Resp: 60761
Ion Ratio Lower Upper
330 100
332 95.4 76.1 114.1
141 39.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 50.480 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

Tgt Ion: 172 Resp: 334092
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.8 19.0 28.6

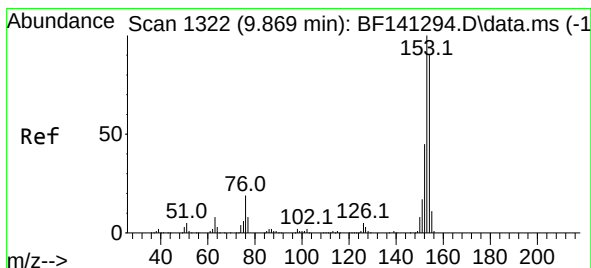
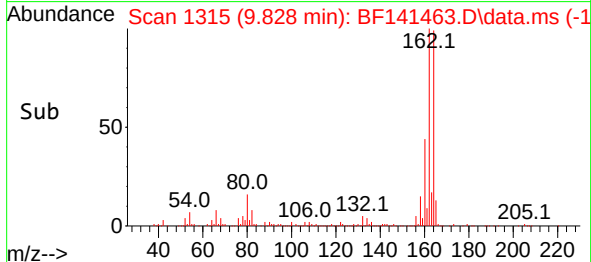
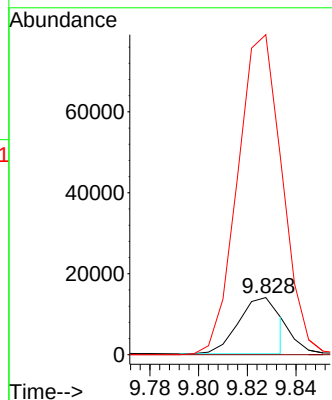
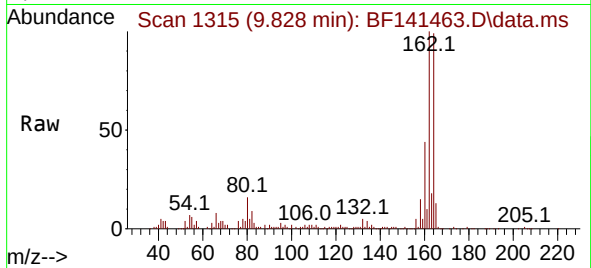




#50
Dimethylphthalate
Concen: 2.363 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

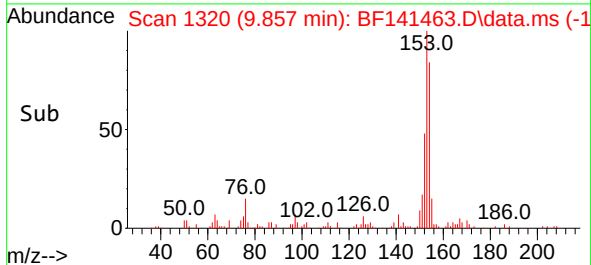
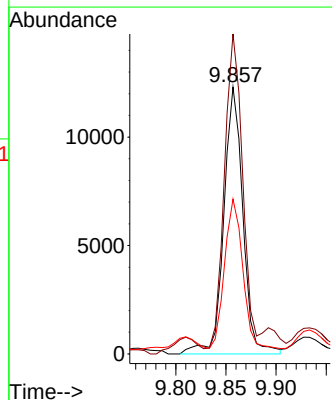
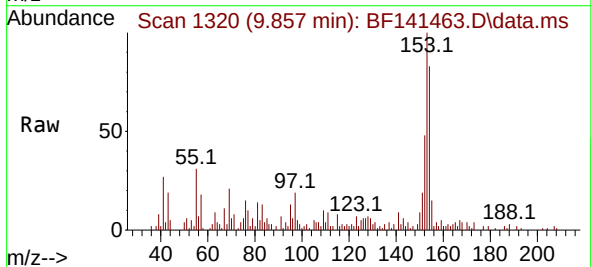
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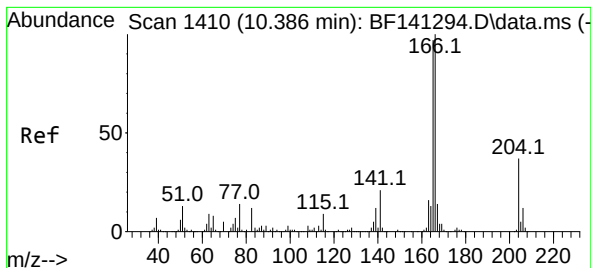
Tgt Ion:163 Resp: 16258
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 560.3 8.0 12.0#



#52
Acenaphthene
Concen: 2.635 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.018 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

Tgt Ion:154 Resp: 16316
Ion Ratio Lower Upper
154 100
153 119.9 89.0 133.4
152 58.0 40.2 60.4





#58

Fluorene

Concen: 2.632 ng

RT: 10.375 min Scan# 1410

Delta R.T. -0.018 min

Lab File: BF141463.D

Acq: 05 Feb 2025 22:23

Instrument :

BNA_F

ClientSampleId :

JPP-4.5-012725

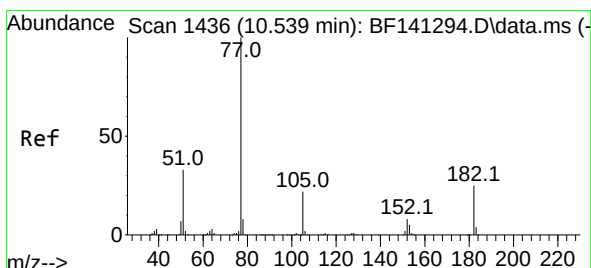
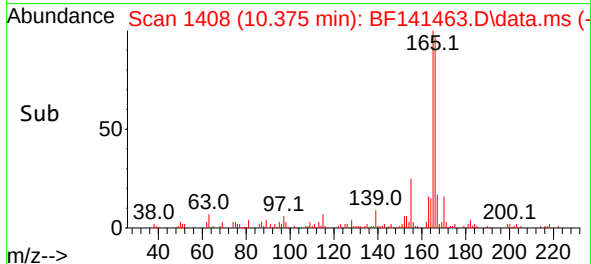
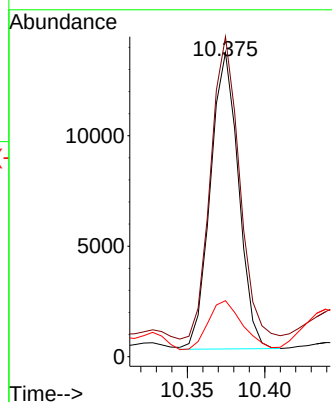
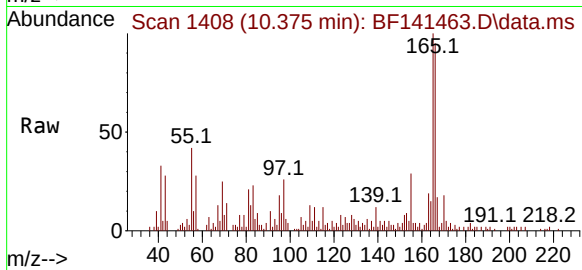
Tgt Ion:166 Resp: 16921

Ion Ratio Lower Upper

166 100

165 105.2 77.5 116.3

167 18.4 10.9 16.3#



#63

Azobenzene

Concen: 5.033 ng

RT: 10.539 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF141463.D

Acq: 05 Feb 2025 22:23

Tgt Ion: 77 Resp: 33605

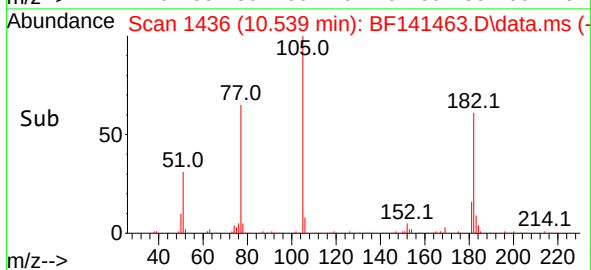
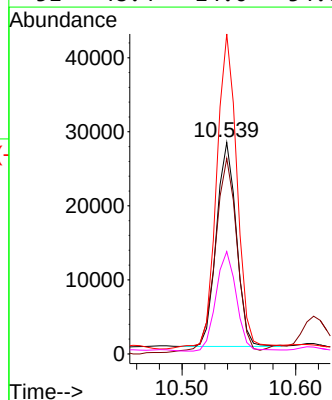
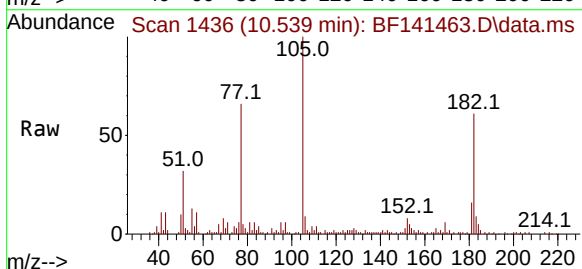
Ion Ratio Lower Upper

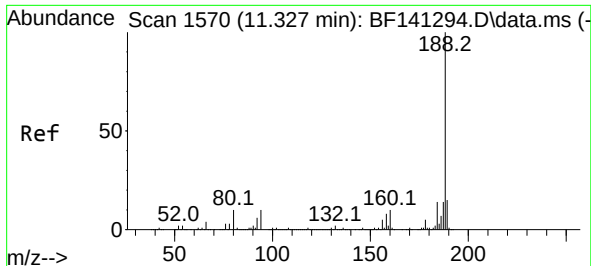
77 100

182 92.4 5.1 45.1#

105 151.2 1.8 41.8#

51 48.4 14.0 54.0

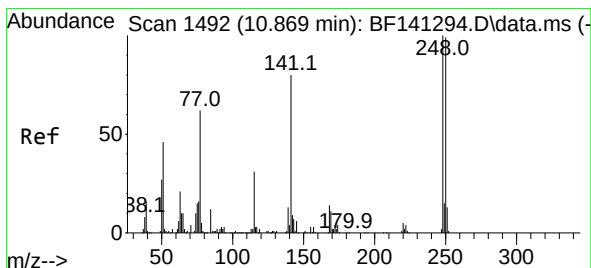
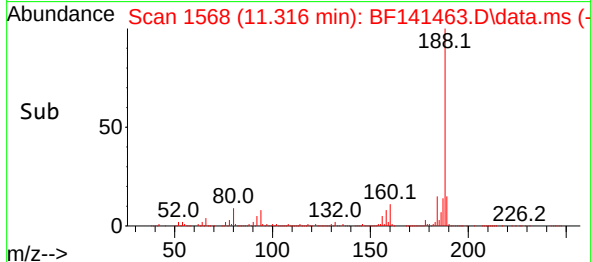
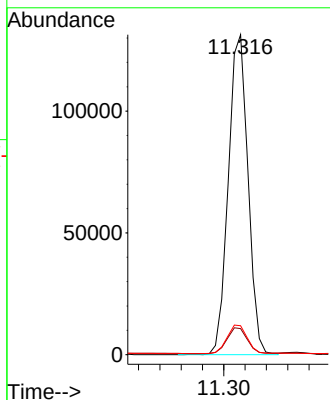
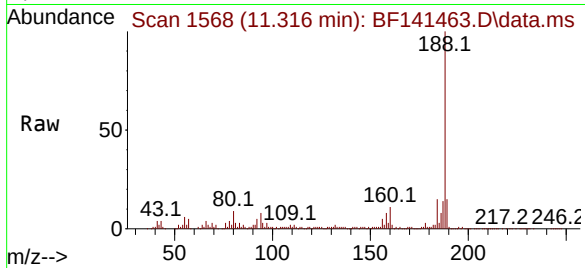




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

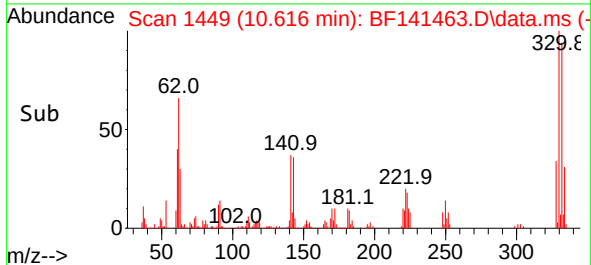
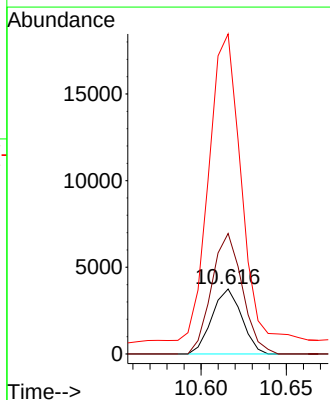
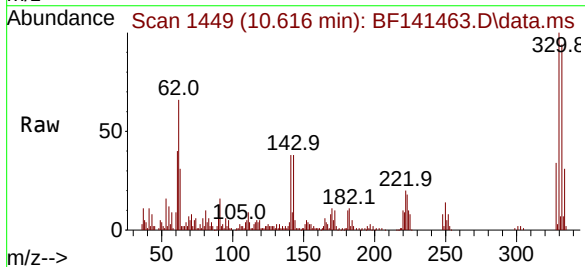
Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

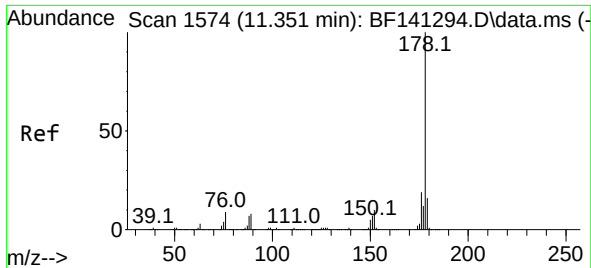
Tgt Ion:188 Resp: 168524
Ion Ratio Lower Upper
188 100
94 8.2 7.8 11.6
80 9.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.414 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

Tgt Ion:248 Resp: 4554
Ion Ratio Lower Upper
248 100
250 185.5 79.0 118.4#
141 492.6 63.7 95.5#

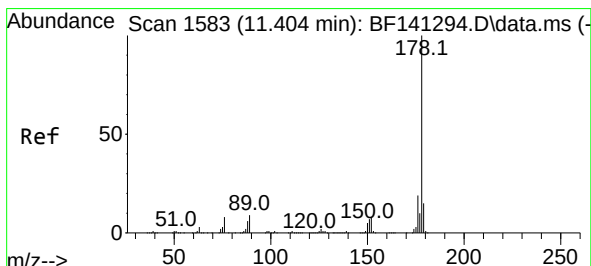
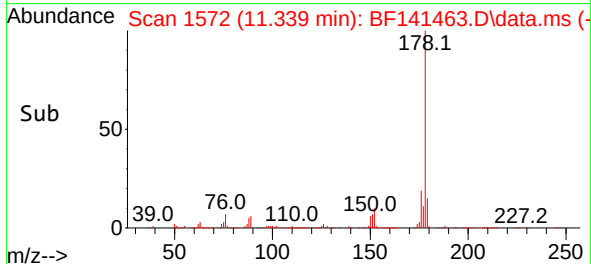
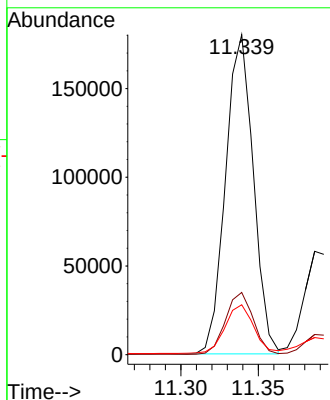
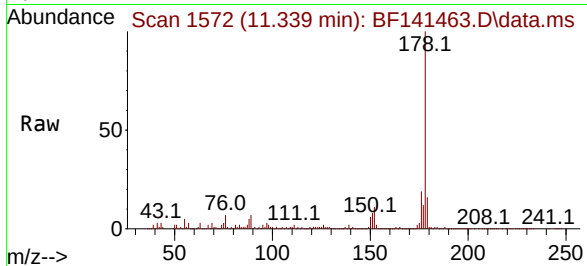




#71
Phenanthrene
Concen: 24.718 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

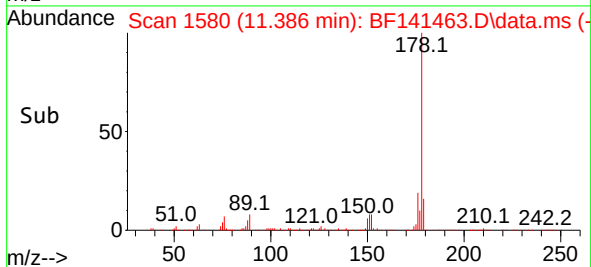
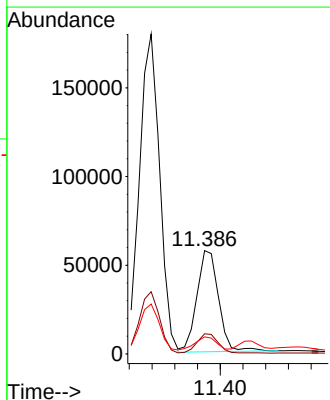
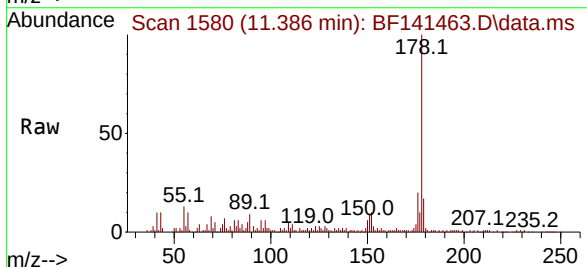
Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

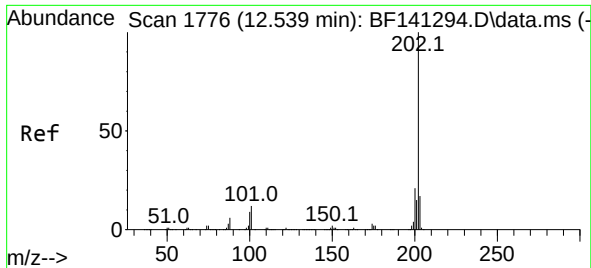
Tgt Ion:178 Resp: 223918
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 8.524 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.018 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

Tgt Ion:178 Resp: 75661
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.6
179 16.5 12.3 18.5

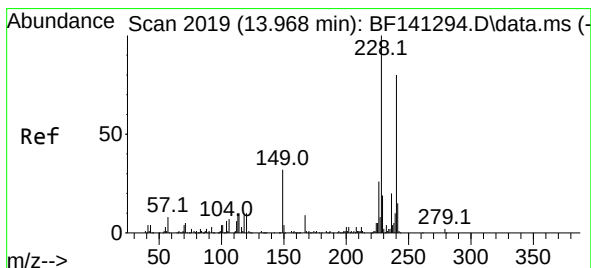
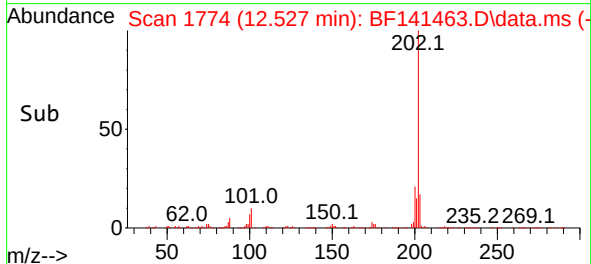
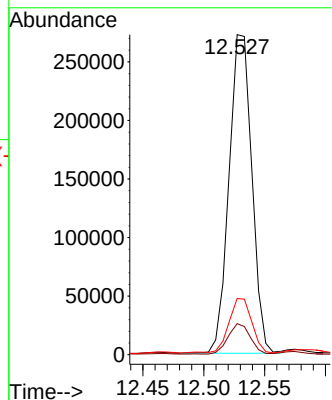
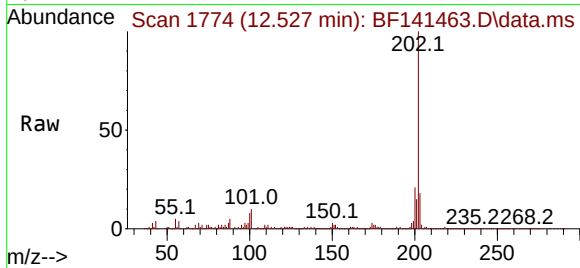




#75
Fluoranthene
Concen: 39.756 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

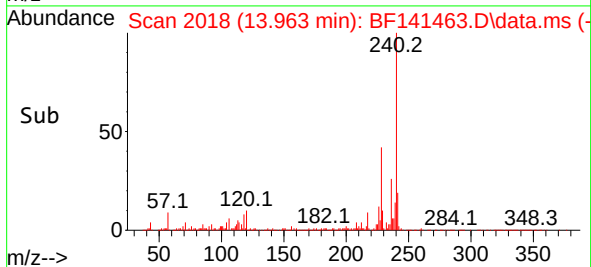
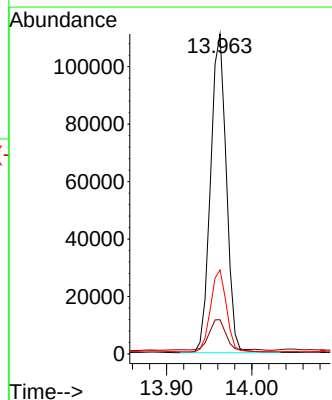
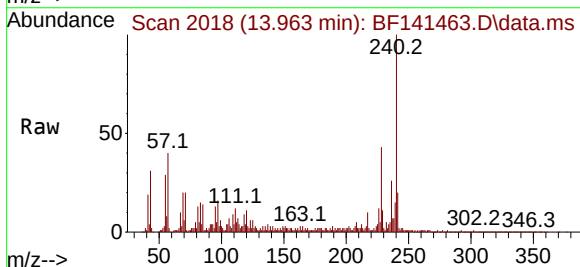
Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

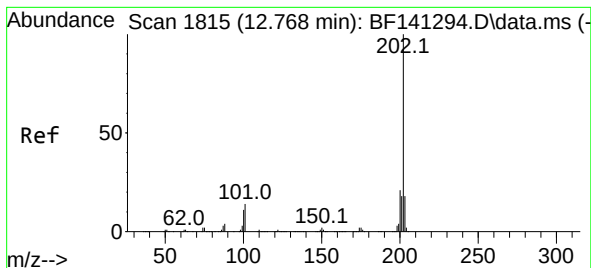
Tgt Ion:202 Resp: 355598
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

Tgt Ion:240 Resp: 142671
Ion Ratio Lower Upper
240 100
120 10.7 10.0 15.0
236 26.3 19.7 29.5





#78

Pyrene

Concen: 24.343 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.012 min

Lab File: BF141463.D

Acq: 05 Feb 2025 22:23

Instrument :

BNA_F

ClientSampleId :

JPP-4.5-012725

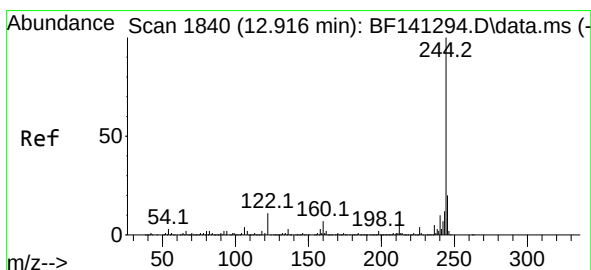
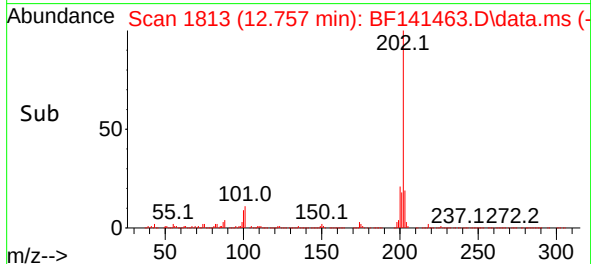
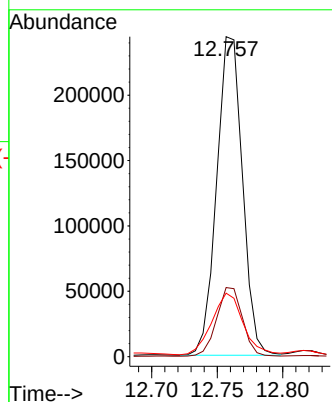
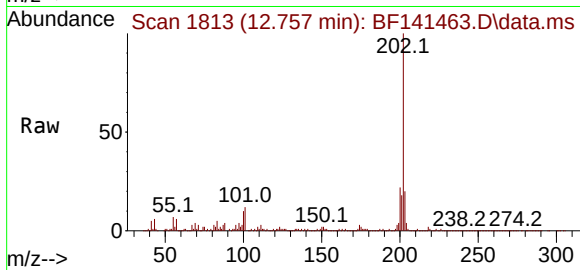
Tgt Ion:202 Resp: 333381

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

203 19.9 14.3 21.5



#79

Terphenyl-d14

Concen: 41.025 ng

RT: 12.904 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF141463.D

Acq: 05 Feb 2025 22:23

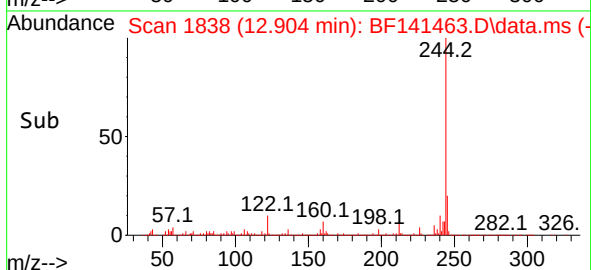
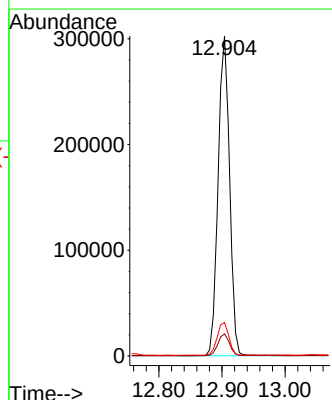
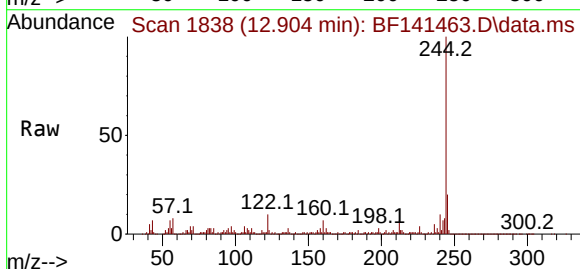
Tgt Ion:244 Resp: 379527

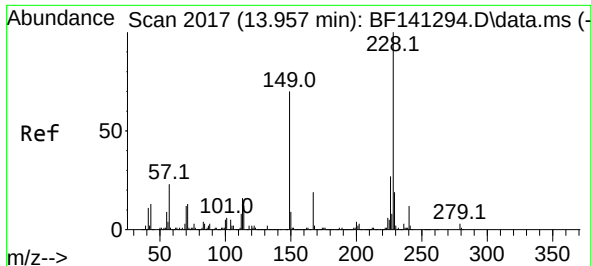
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.4 8.8 13.2

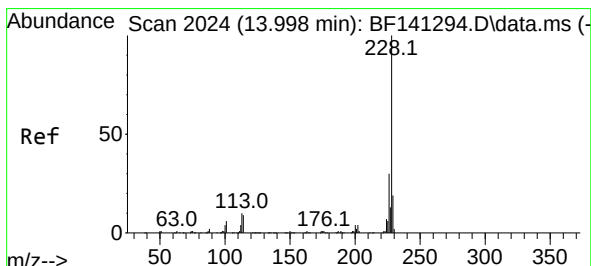
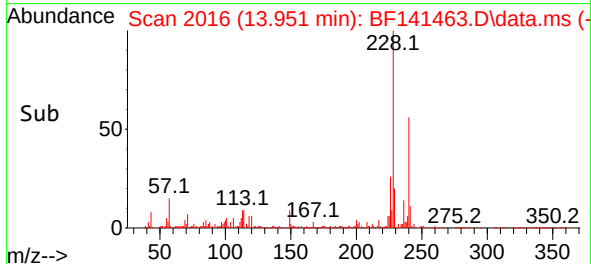
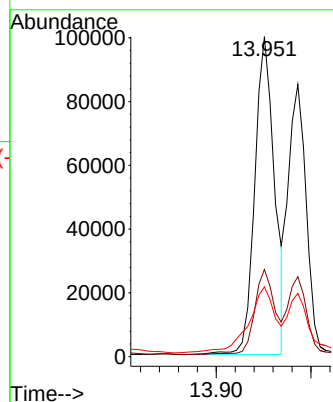
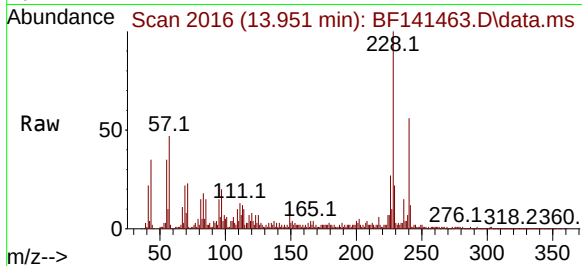




#81
Benzo(a)anthracene
Concen: 14.703 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

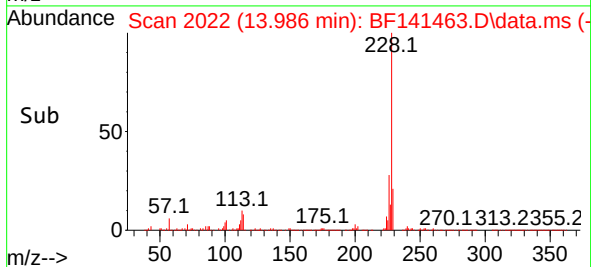
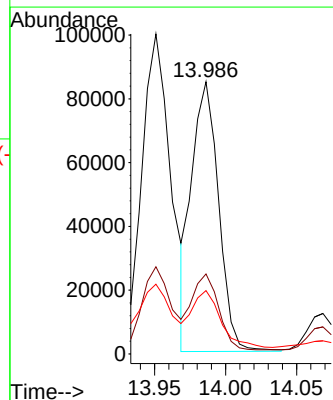
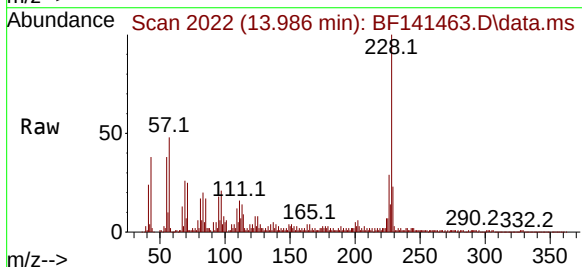
Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

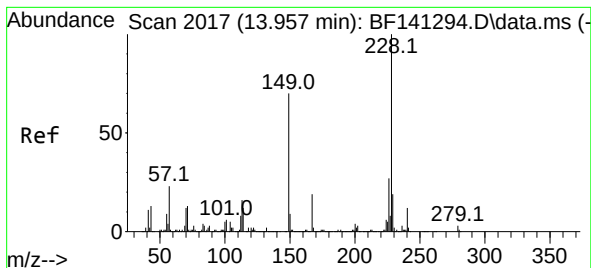
Tgt Ion:228 Resp: 144755
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 21.8 15.5 23.3



#83
Chrysene
Concen: 12.363 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

Tgt Ion:228 Resp: 111551
Ion Ratio Lower Upper
228 100
226 29.4 24.1 36.1
229 23.3 15.6 23.4

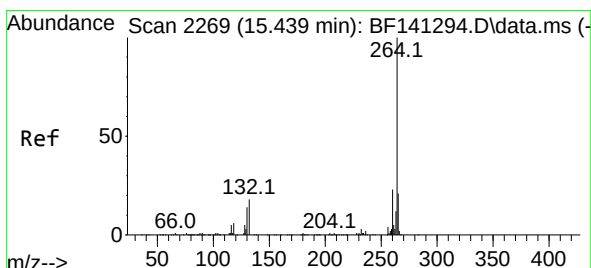
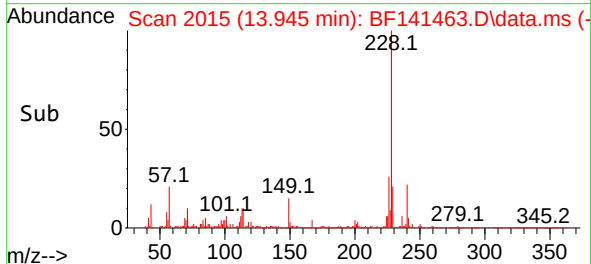
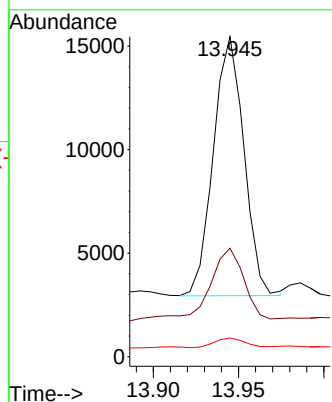
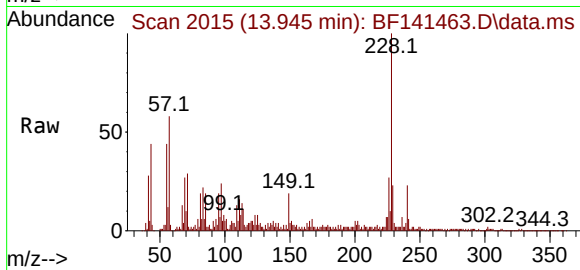




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.573 ng
RT: 13.945 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

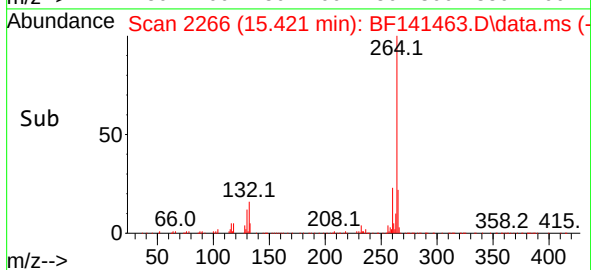
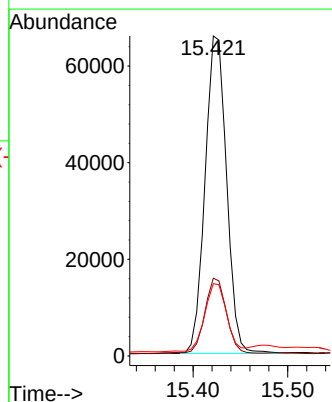
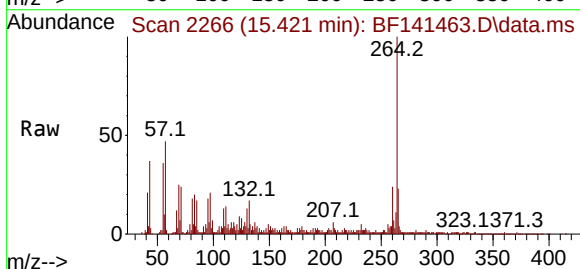
Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

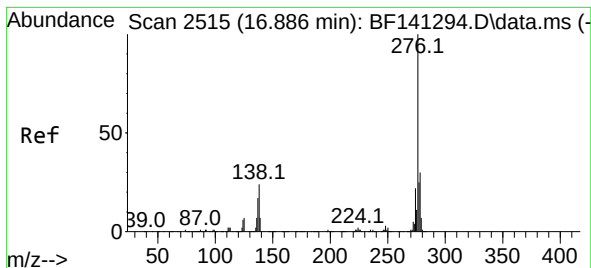
Tgt Ion:149 Resp: 15617
Ion Ratio Lower Upper
149 100
167 33.9 21.8 32.8#
279 5.9 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141463.D
Acq: 05 Feb 2025 22:23

Tgt Ion:264 Resp: 103713
Ion Ratio Lower Upper
264 100
260 24.3 18.6 27.8
265 22.6 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.124 ng

RT: 16.862 min Scan# 2195

Delta R.T. -0.035 min

Lab File: BF141463.D

Acq: 05 Feb 2025 22:23

Instrument :

BNA_F

ClientSampleId :

JPP-4.5-012725

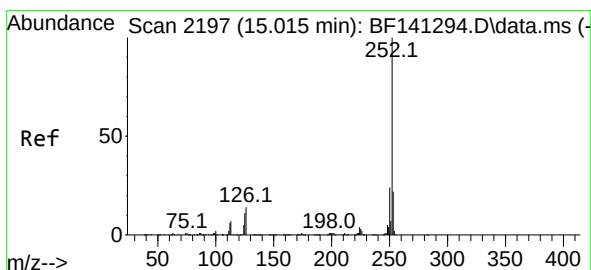
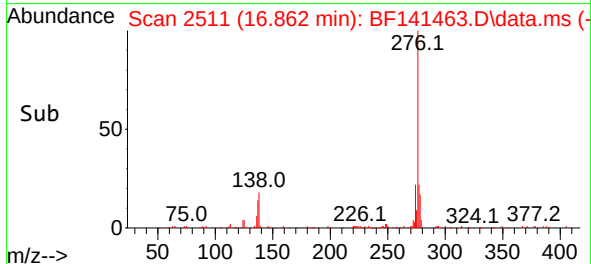
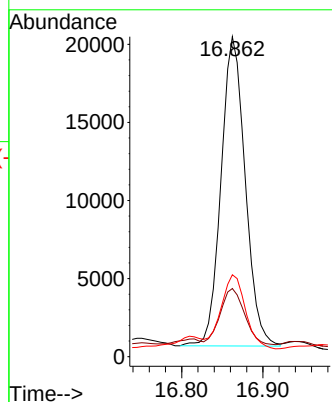
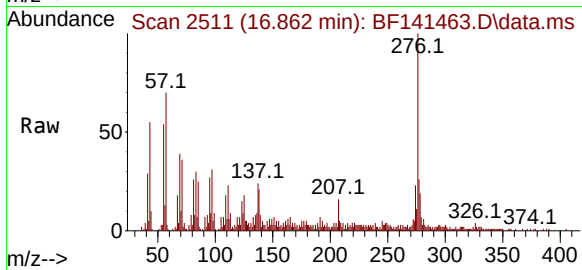
Tgt Ion:276 Resp: 40993

Ion Ratio Lower Upper

276 100

138 18.2 21.7 32.5#

277 24.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 22.367 ng

RT: 15.004 min Scan# 2195

Delta R.T. -0.018 min

Lab File: BF141463.D

Acq: 05 Feb 2025 22:23

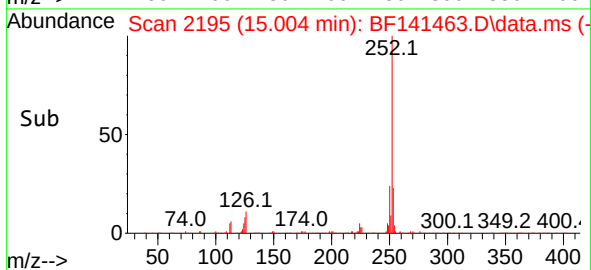
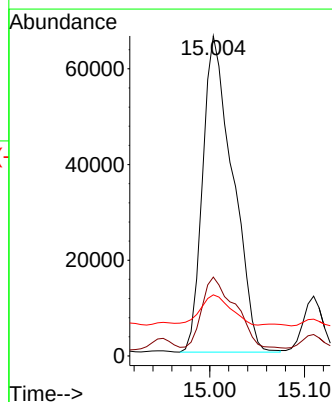
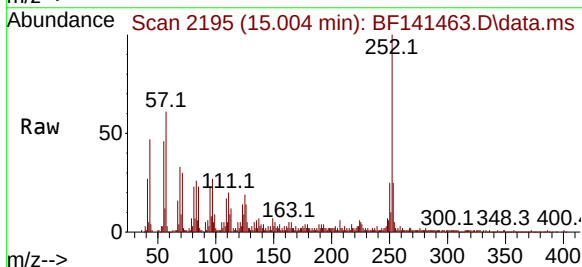
Tgt Ion:252 Resp: 145921

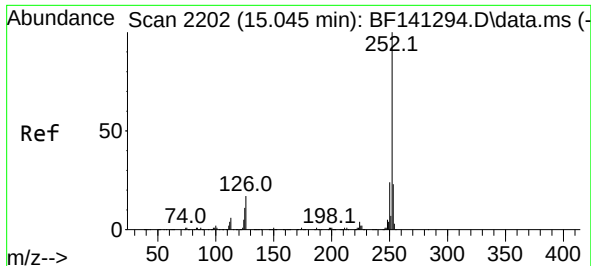
Ion Ratio Lower Upper

252 100

253 24.6 17.4 26.2

125 19.1 8.6 12.8#





#89

Benzo(k)fluoranthene

Concen: 25.249 ng

RT: 15.004 min Scan# 2195

Delta R.T. -0.047 min

Lab File: BF141463.D

Acq: 05 Feb 2025 22:23

Instrument :

BNA_F

ClientSampleId :

JPP-4.5-012725

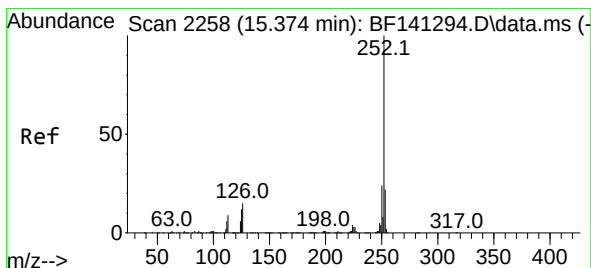
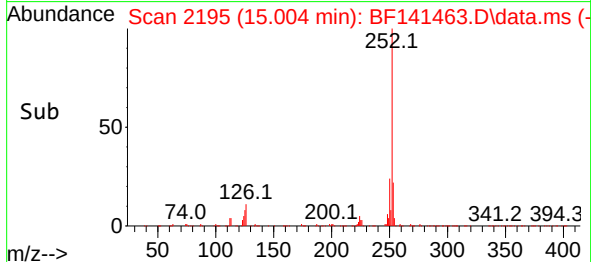
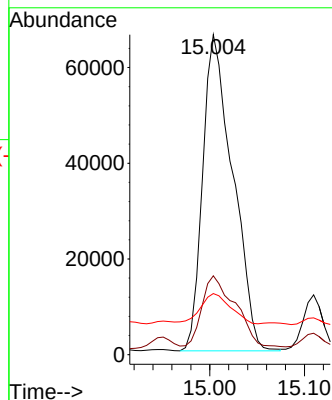
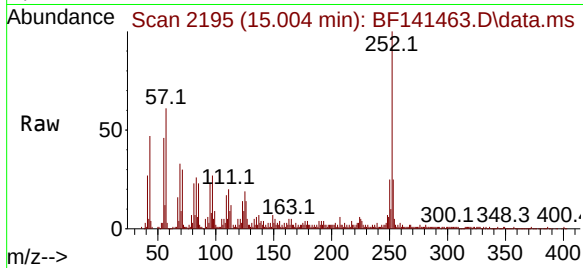
Tgt Ion:252 Resp: 145921

Ion Ratio Lower Upper

252 100

253 24.6 17.6 26.4

125 19.1 8.4 12.6#



#90

Benzo(a)pyrene

Concen: 14.265 ng

RT: 15.363 min Scan# 2256

Delta R.T. -0.018 min

Lab File: BF141463.D

Acq: 05 Feb 2025 22:23

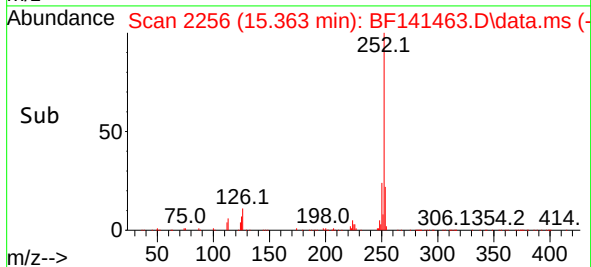
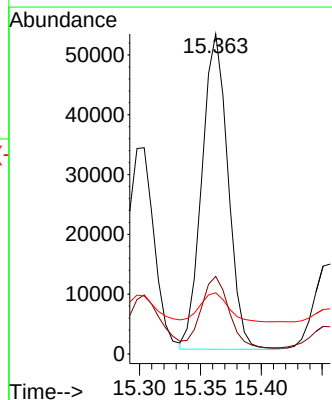
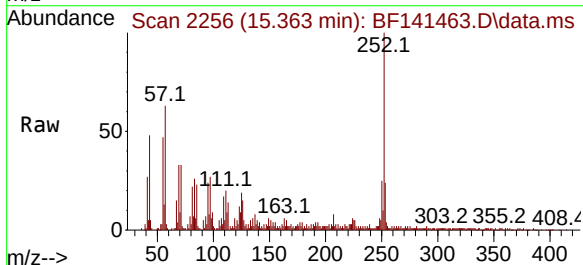
Tgt Ion:252 Resp: 78640

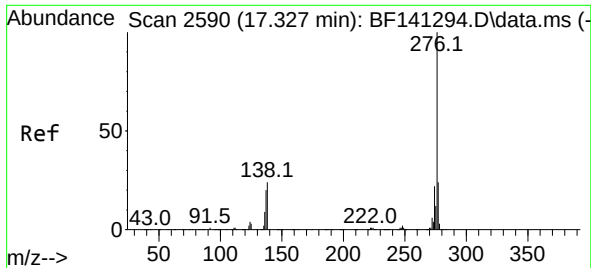
Ion Ratio Lower Upper

252 100

253 24.2 17.2 25.8

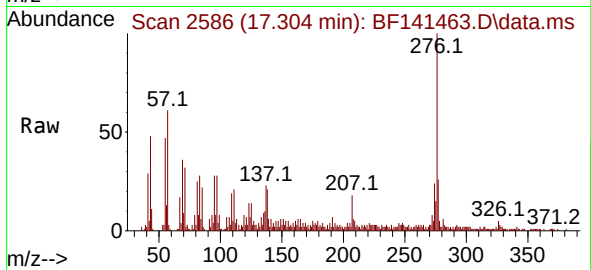
125 19.1 9.4 14.2#





#92
 Benzo(g,h,i)perylene
 Concen: 7.720 ng
 RT: 17.304 min Scan# 21
 Delta R.T. -0.041 min
 Lab File: BF141463.D
 Acq: 05 Feb 2025 22:23

Instrument :
 BNA_F
 ClientSampleId :
 JPP-4.5-012725



Tgt Ion:	276	Resp:	43228
Ion Ratio	Lower	Upper	
276	100		
277	26.5	19.2	28.8
138	20.5	19.0	28.4

