

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136951.D
 Acq On : 04 Jan 2024 20:46
 Operator : CG\JU
 Sample : 06031-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-321-0-2

Quant Time: Jan 05 00:43:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

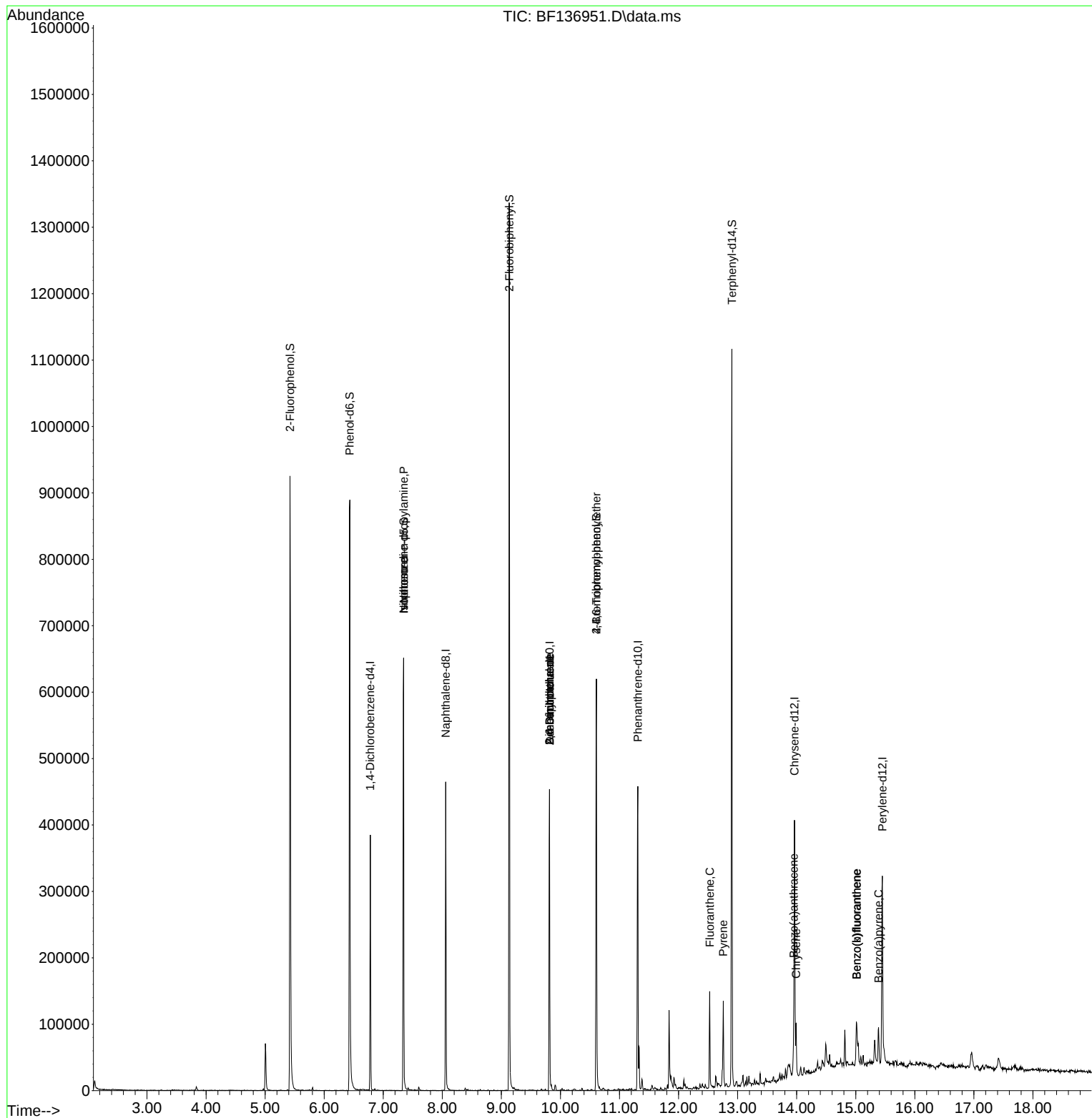
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	51235	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	188427	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	91992	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	174147	20.000	ng	0.00
76) Chrysene-d12	13.963	240	117872	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	135328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	260699	79.392	ng	0.00
7) Phenol-d6	6.434	99	330735	77.731	ng	0.00
23) Nitrobenzene-d5	7.345	82	199053	54.057	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	84084	77.610	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	388367	56.782	ng	-0.02
79) Terphenyl-d14	12.904	244	376892	44.684	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	25641	9.941	ng	# 73
25) Isophorone	7.345	82	199051	29.708	ng	# 65
50) Dimethylphthalate	9.816	163	18073	2.690	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	12070	7.915	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	12070	6.097	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	4703	2.432	ng	# 1
75) Fluoranthene	12.527	202	54387	5.690	ng	97
78) Pyrene	12.757	202	48685	4.207	ng	98
81) Benzo(a)anthracene	13.951	228	32020	3.912	ng	97
83) Chrysene	13.992	228	33021	4.126	ng	95
88) Benzo(b)fluoranthene	15.015	252	36448	4.032	ng	# 96
89) Benzo(k)fluoranthene	15.015	252	36448	4.268	ng	98
90) Benzo(a)pyrene	15.386	252	25905	3.395	ng	93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
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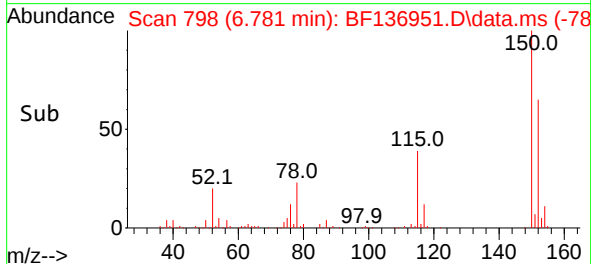
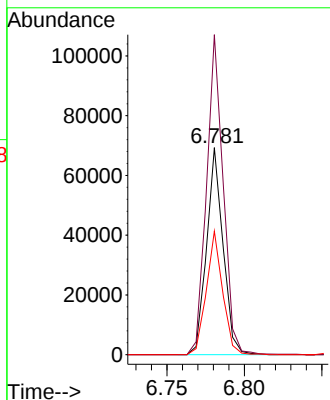
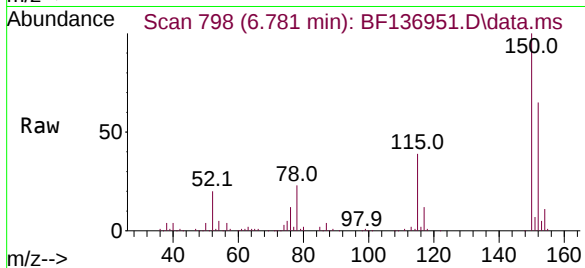




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

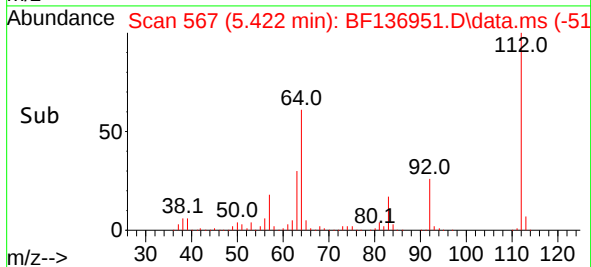
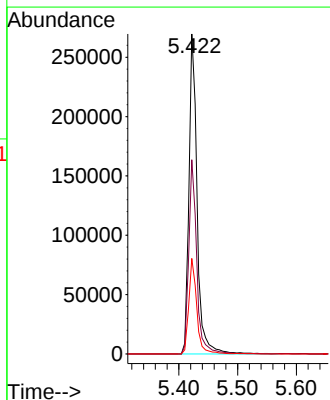
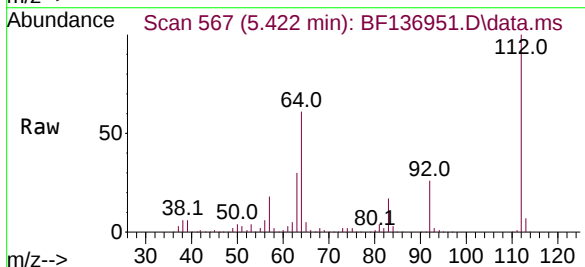
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

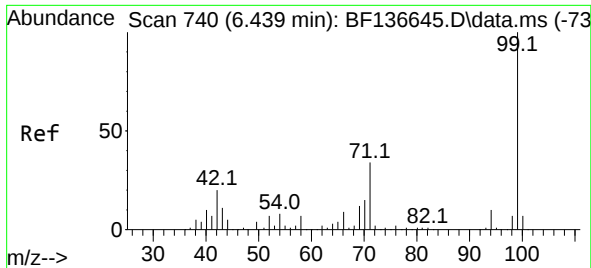
Tgt Ion:152 Resp: 51235
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 59.7 49.0 73.4



#5
2-Fluorophenol
Concen: 79.392 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Tgt Ion:112 Resp: 260699
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 29.9 26.1 39.1

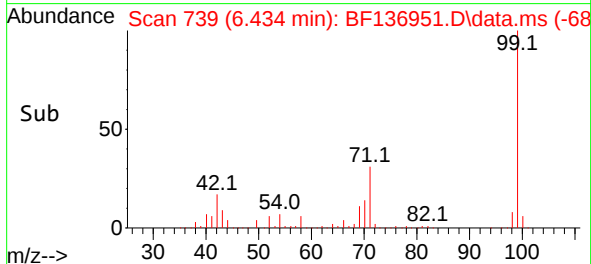
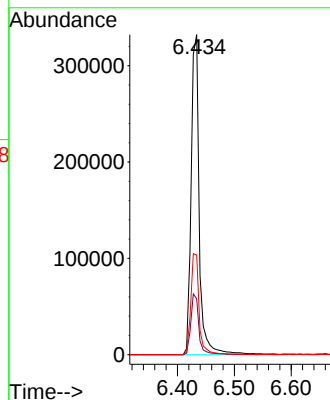
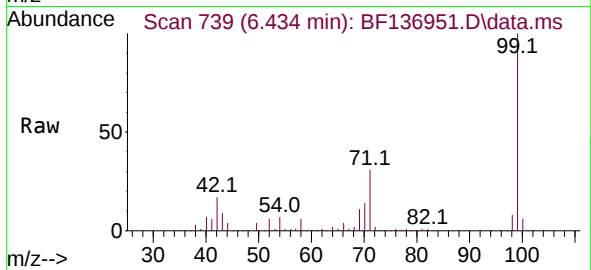




#7
Phenol-d6
Concen: 77.731 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

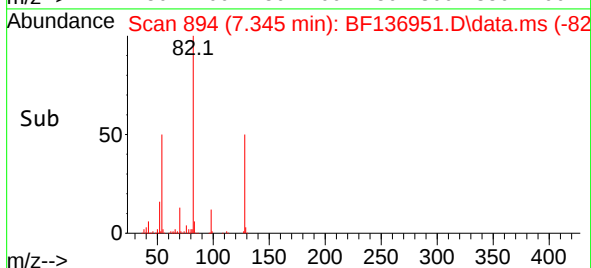
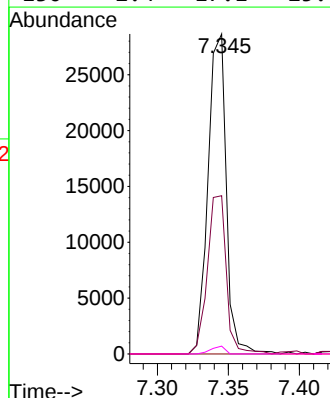
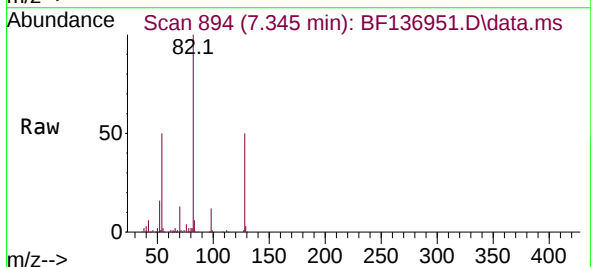
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BNA_F
ClientSampleId :
MR-321-0-2

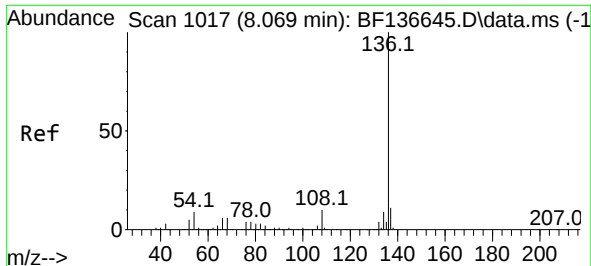
Tgt Ion: 99 Resp: 330735
Ion Ratio Lower Upper
99 100
42 17.5 16.1 24.1
71 31.2 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.941 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Tgt Ion: 70 Resp: 25641
Ion Ratio Lower Upper
70 100
42 49.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#



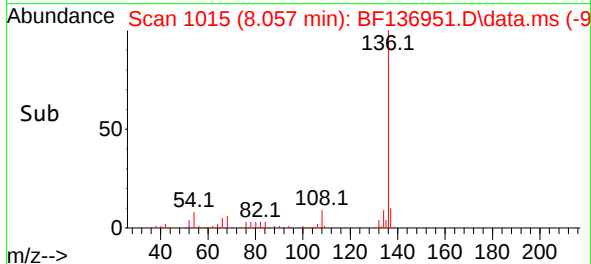
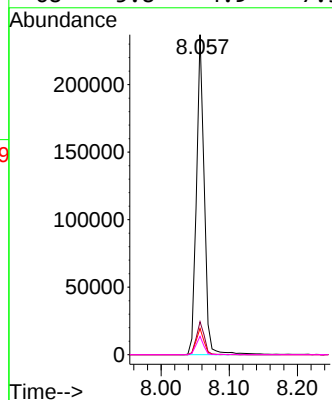
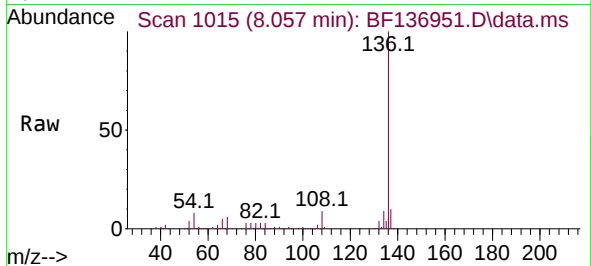


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

Tgt Ion:136 Resp: 188427

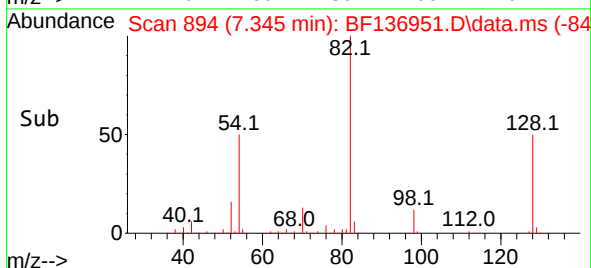
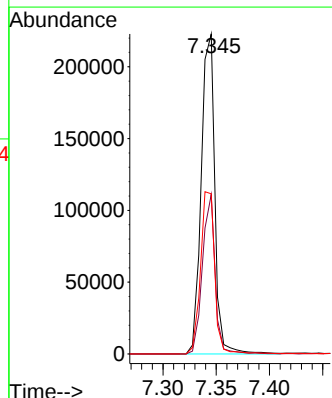
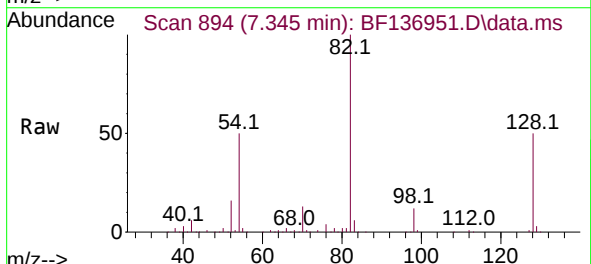
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	8.2	7.2	10.8
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 54.057 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Tgt Ion: 82 Resp: 199053

Ion	Ratio	Lower	Upper
82	100		
128	49.8	35.3	52.9
54	50.0	44.5	66.7

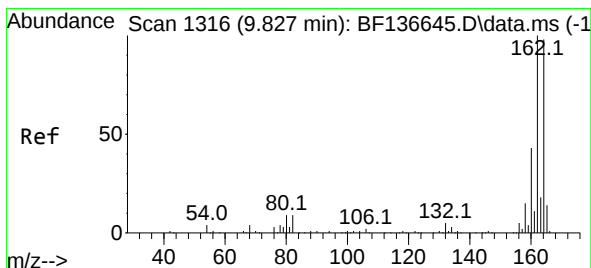
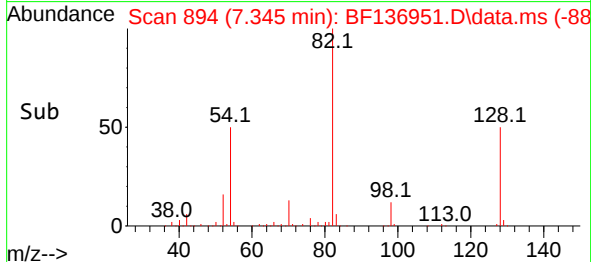
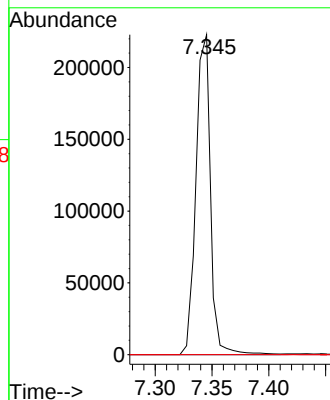
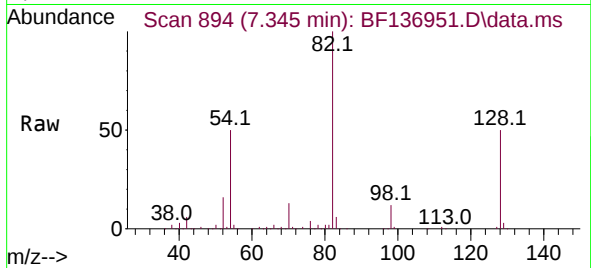




#25
Isophorone
Concen: 29.708 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

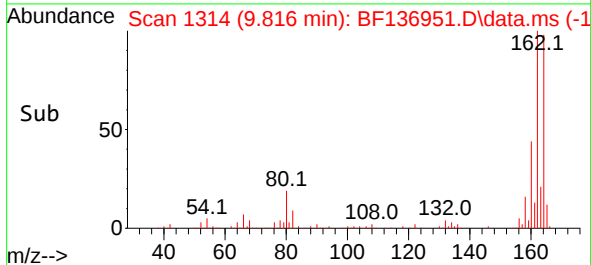
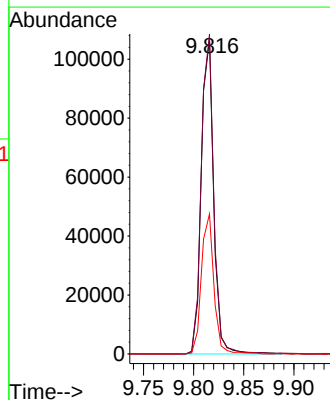
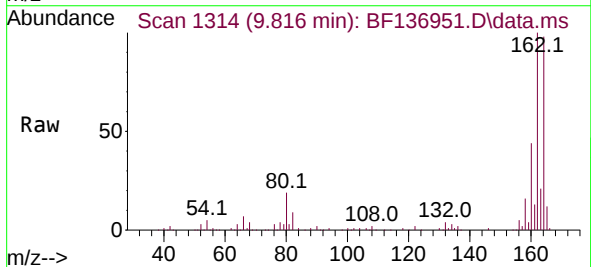
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

Tgt Ion: 82 Resp: 199051
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

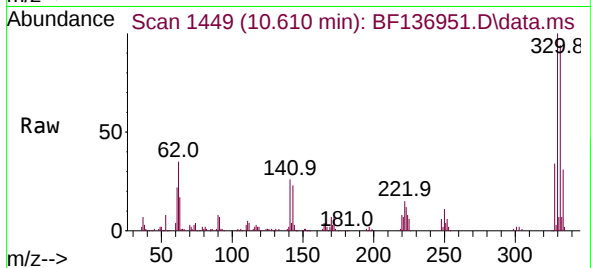
Tgt Ion: 164 Resp: 91992
Ion Ratio Lower Upper
164 100
162 101.8 81.6 122.4
160 44.5 34.9 52.3



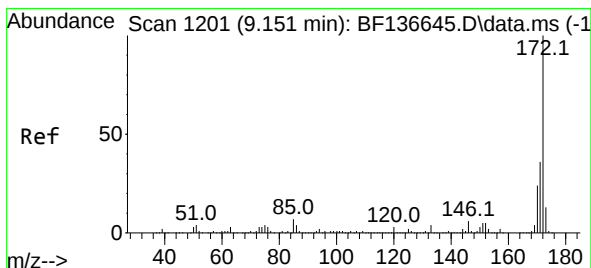
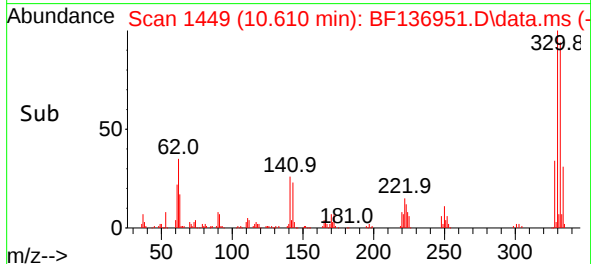
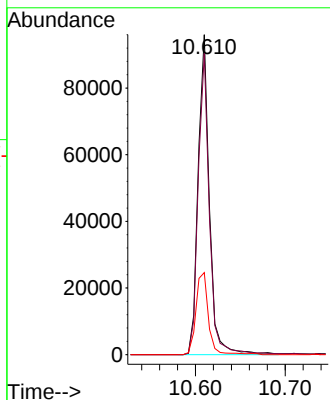


#42
2,4,6-Tribromophenol
Concen: 77.610 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

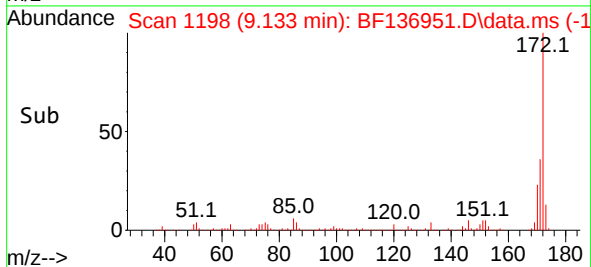
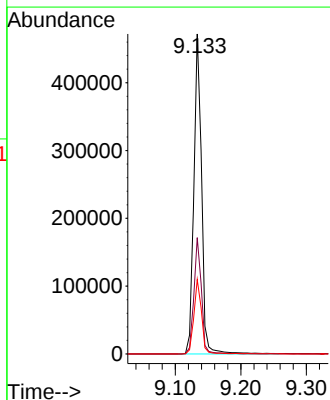
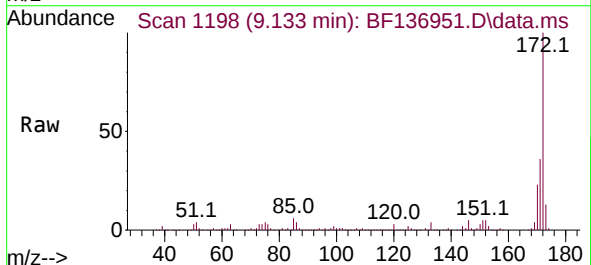


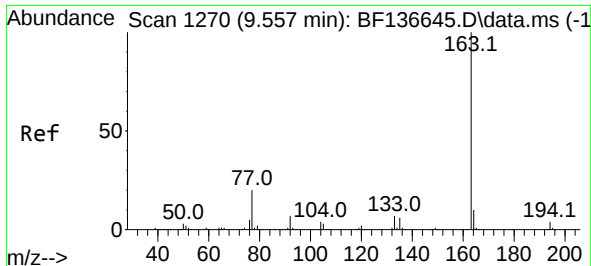
Tgt Ion: 330 Resp: 84084
Ion Ratio Lower Upper
330 100
332 93.6 77.4 116.0
141 28.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 56.782 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Tgt Ion: 172 Resp: 388367
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 23.2 19.0 28.4

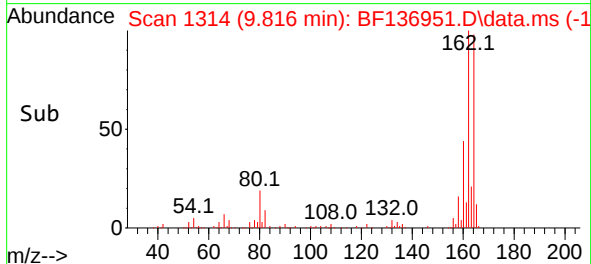
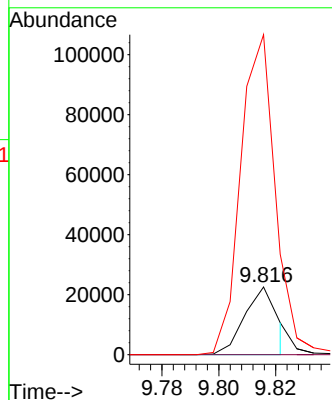
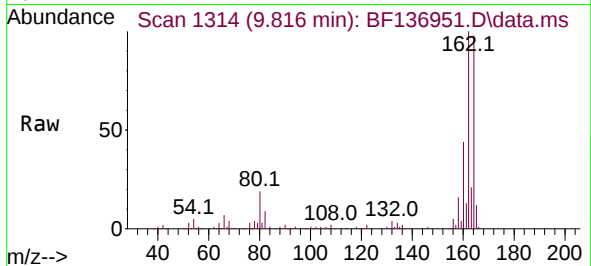




#50
Dimethylphthalate
Concen: 2.690 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

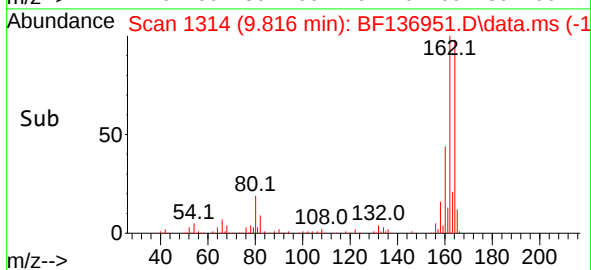
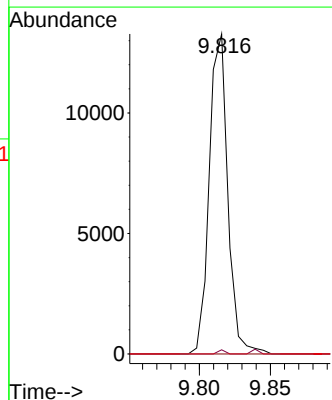
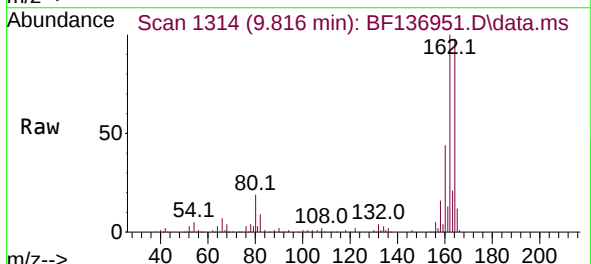
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

Tgt Ion:163 Resp: 18073
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 472.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.915 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Tgt Ion:165 Resp: 12070
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 0.0 38.8 58.2#

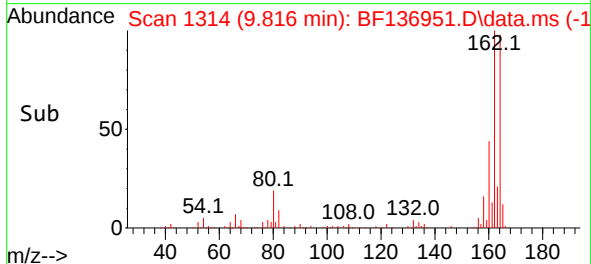
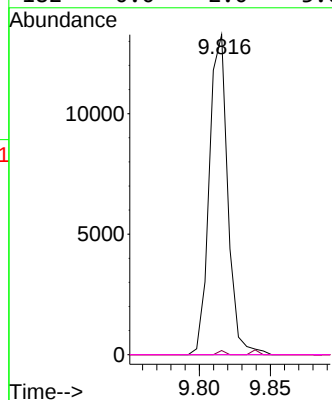
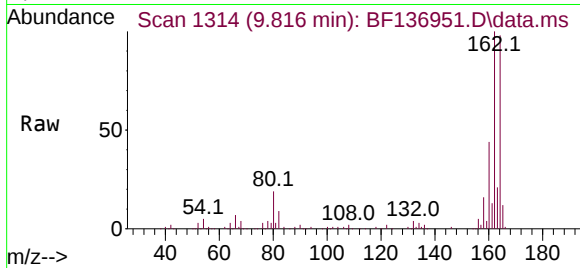




#57
2,4-Dinitrotoluene
Concen: 6.097 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

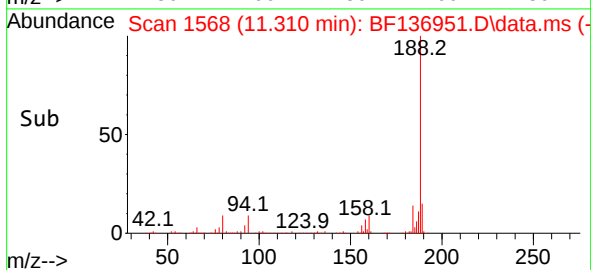
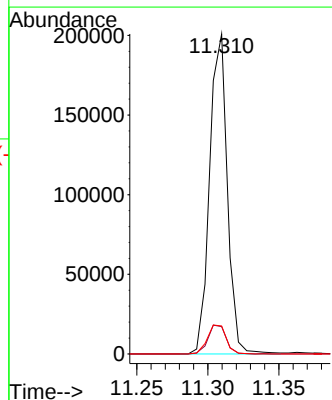
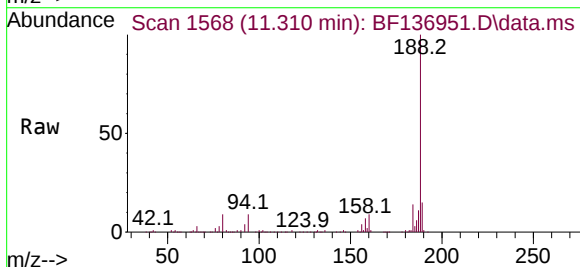
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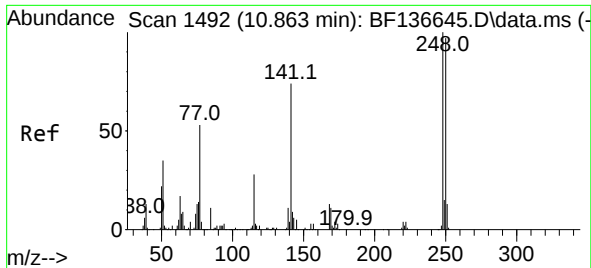
Tgt Ion:165	Resp:	12070
Ion Ratio	Lower	Upper
165	100	
63	1.3	41.0 61.6#
89	0.0	59.9 89.9#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Tgt Ion:188	Resp:	174147
Ion Ratio	Lower	Upper
188	100	
94	8.5	7.5 11.3
80	8.8	8.1 12.1

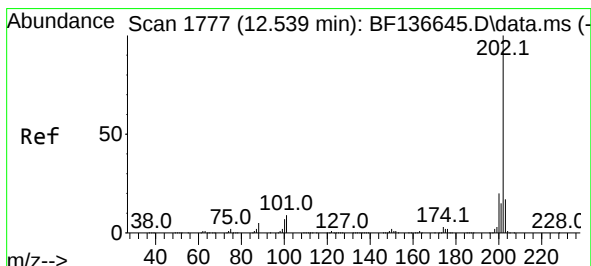
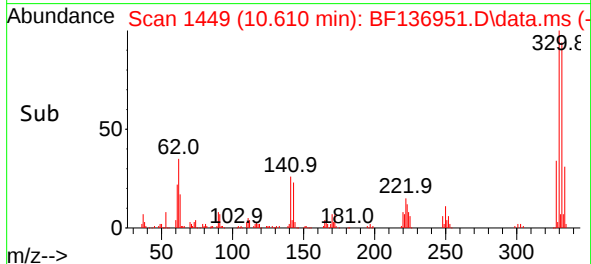
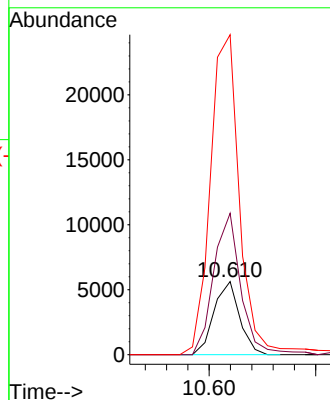
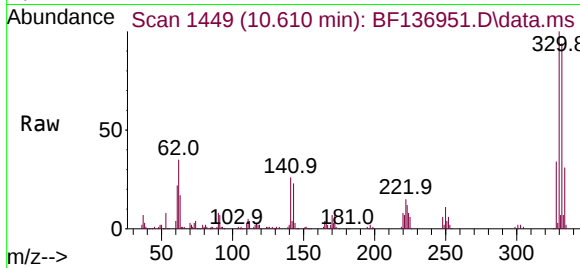




#67
4-Bromophenyl-phenylether
Concen: 2.432 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

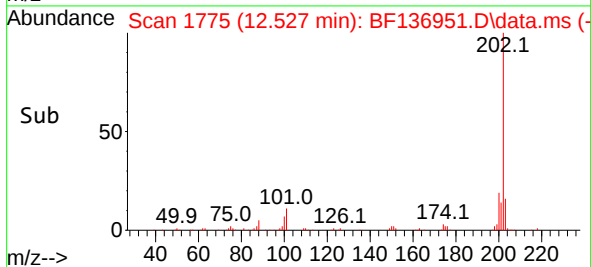
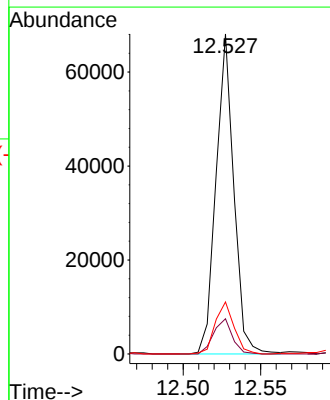
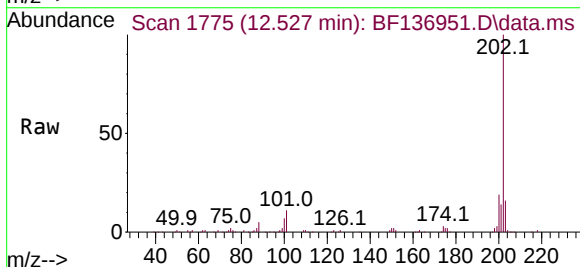
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

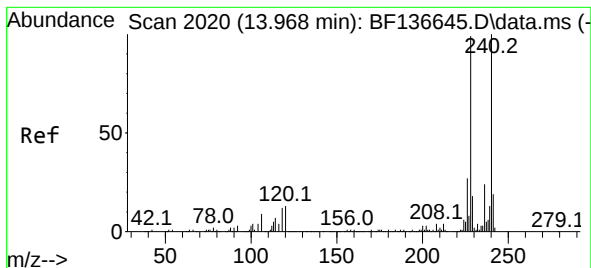
Tgt Ion:248 Resp: 4703
Ion Ratio Lower Upper
248 100
250 193.5 77.8 116.6#
141 437.5 59.2 88.8#



#75
Fluoranthene
Concen: 5.690 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Tgt Ion:202 Resp: 54387
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.3
203 16.3 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136951.D

Acq: 04 Jan 2024 20:46

Instrument :

BNA_F

ClientSampleId :

MR-321-0-2

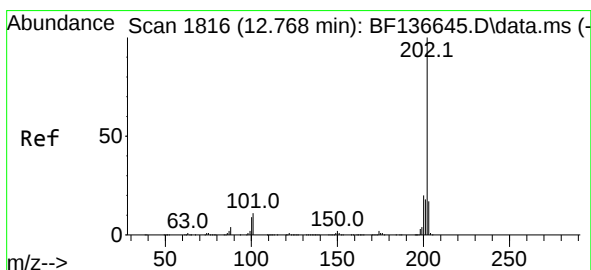
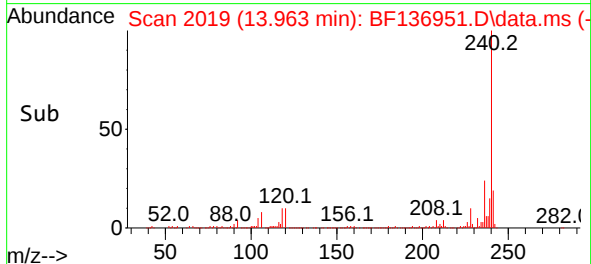
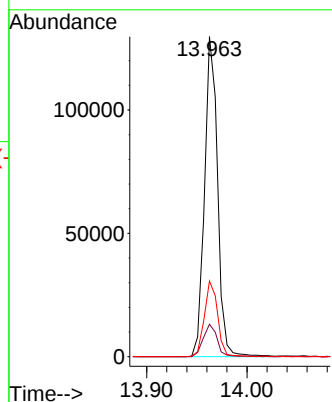
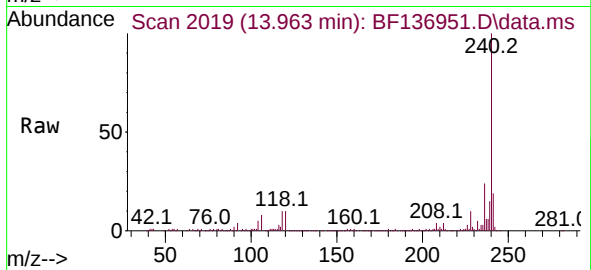
Tgt Ion:240 Resp: 117872

Ion Ratio Lower Upper

240 100

120 10.1 10.3 15.5#

236 23.6 19.4 29.2



#78

Pyrene

Concen: 4.207 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF136951.D

Acq: 04 Jan 2024 20:46

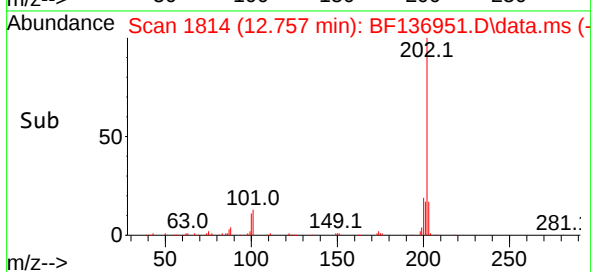
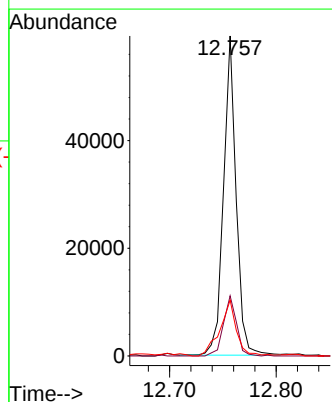
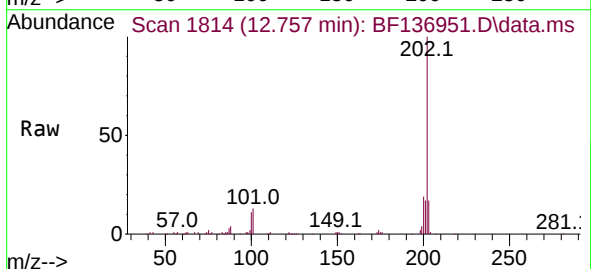
Tgt Ion:202 Resp: 48685

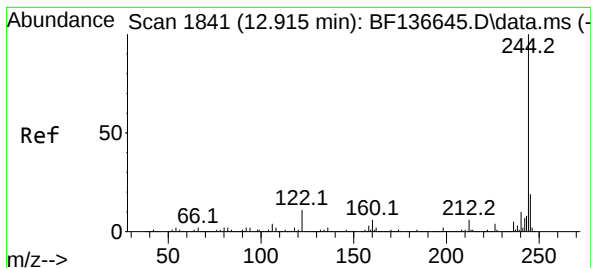
Ion Ratio Lower Upper

202 100

200 18.8 15.9 23.9

203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 44.684 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136951.D

Acq: 04 Jan 2024 20:46

Instrument :

BNA_F

ClientSampleId :

MR-321-0-2

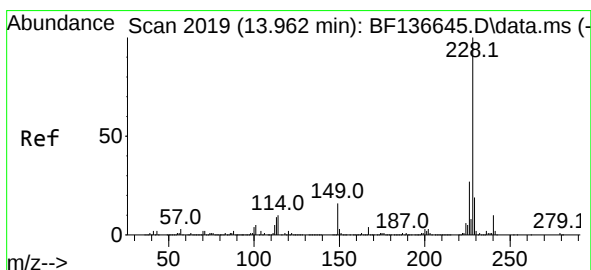
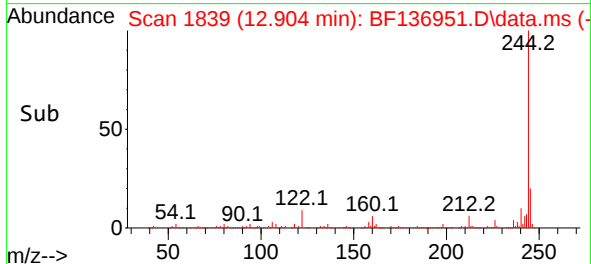
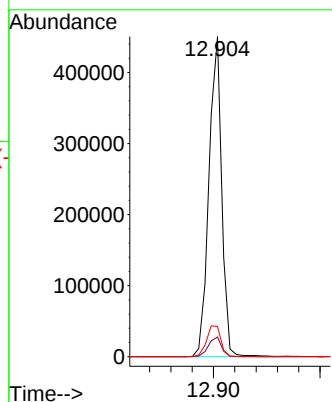
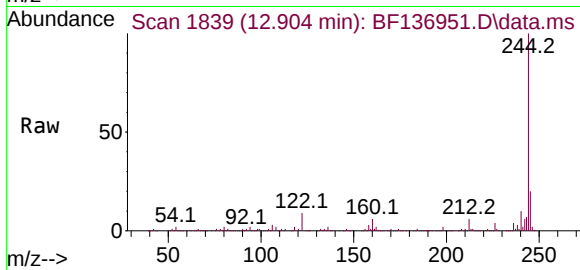
Tgt Ion:244 Resp: 376892

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 9.5 9.0 13.4



#81

Benzo(a)anthracene

Concen: 3.912 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF136951.D

Acq: 04 Jan 2024 20:46

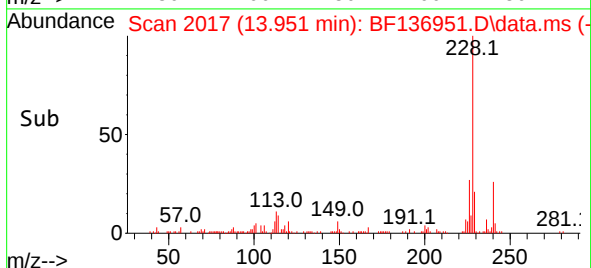
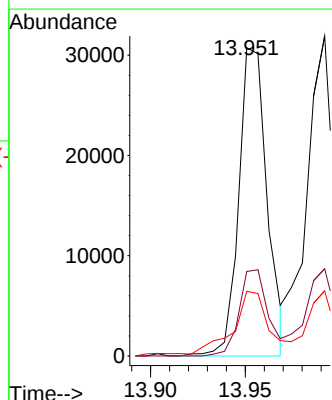
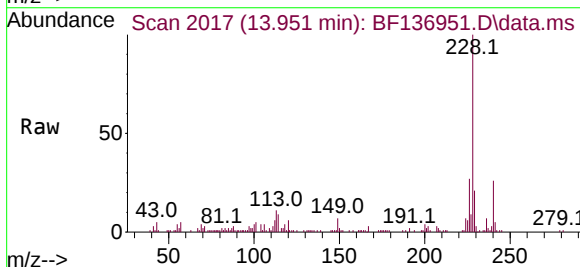
Tgt Ion:228 Resp: 32020

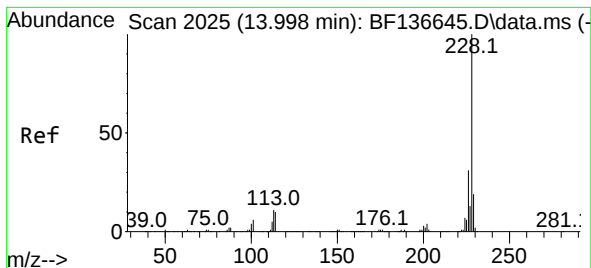
Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.0

229 21.0 14.9 22.3





#83

Chrysene

Concen: 4.126 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136951.D

Acq: 04 Jan 2024 20:46

Instrument :

BNA_F

ClientSampleId :

MR-321-0-2

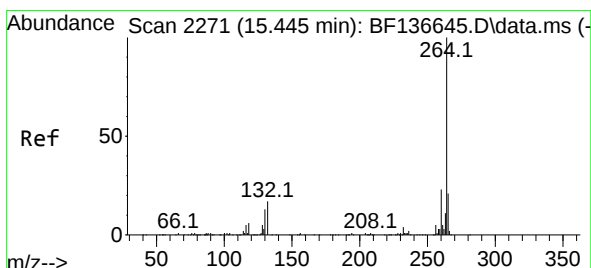
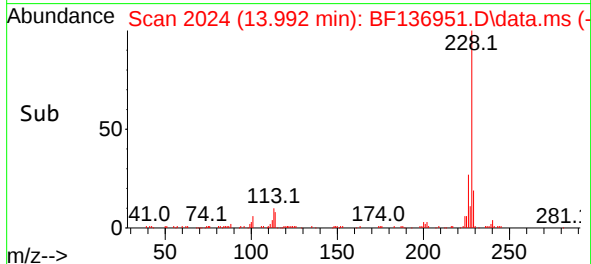
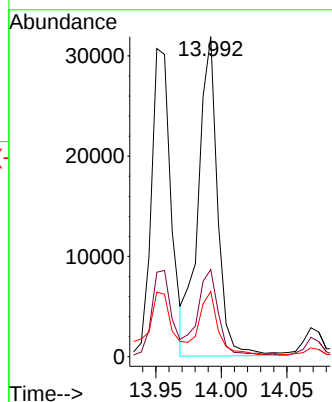
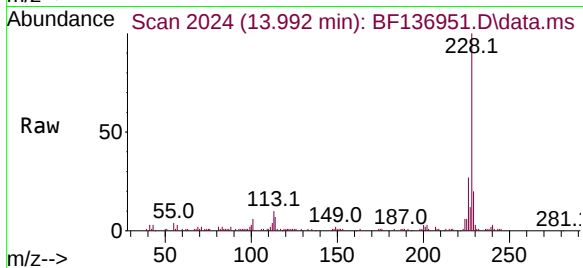
Tgt Ion:228 Resp: 33021

Ion Ratio Lower Upper

228 100

226 27.2 24.7 37.1

229 20.4 15.4 23.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF136951.D

Acq: 04 Jan 2024 20:46

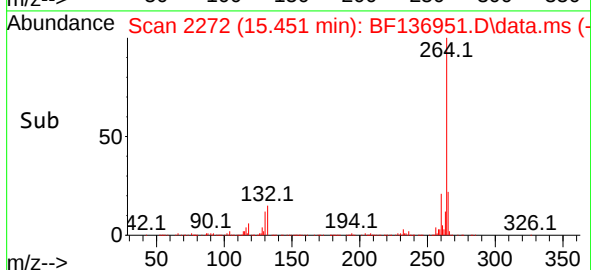
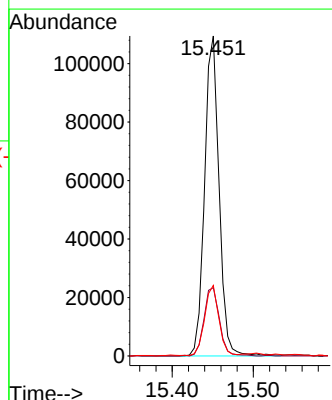
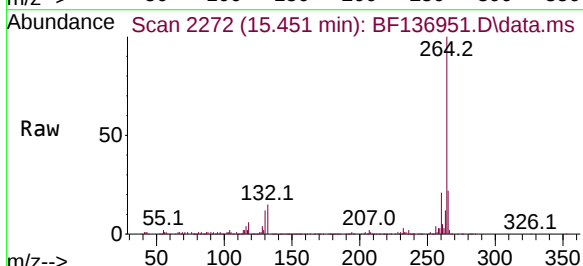
Tgt Ion:264 Resp: 135328

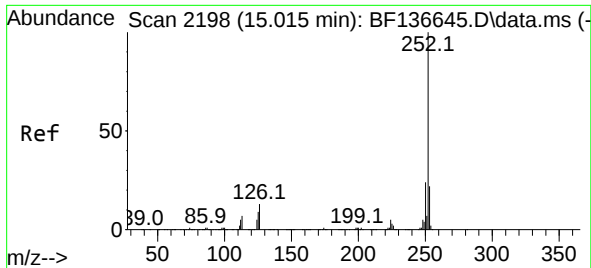
Ion Ratio Lower Upper

264 100

260 21.3 18.3 27.5

265 22.1 17.0 25.6

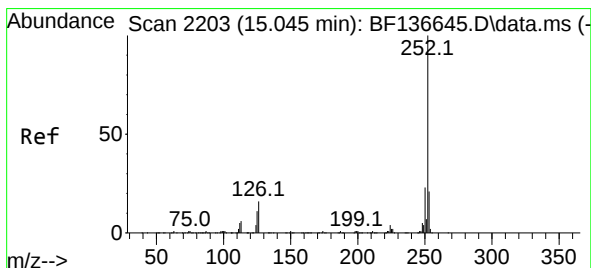
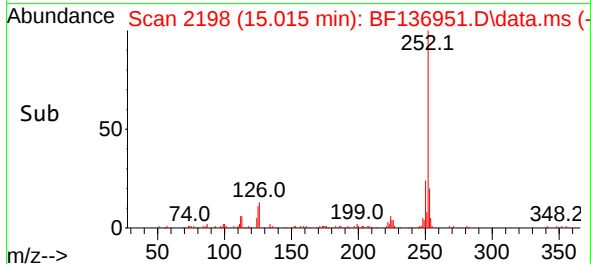
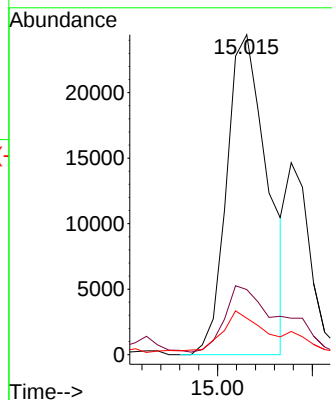
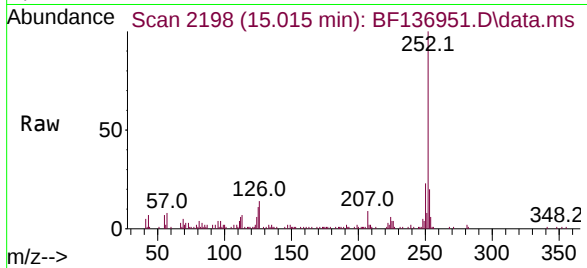




#88
Benzo(b)fluoranthene
Concen: 4.032 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

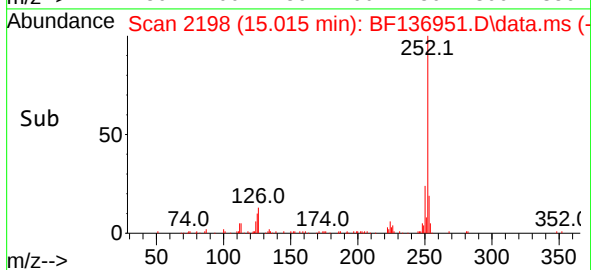
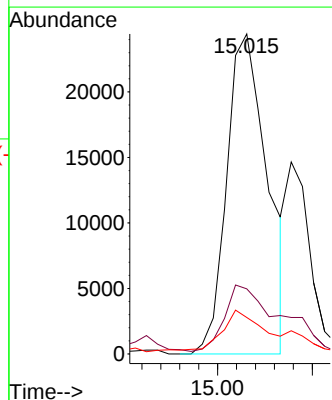
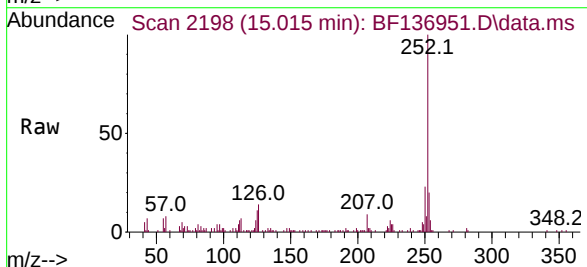
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

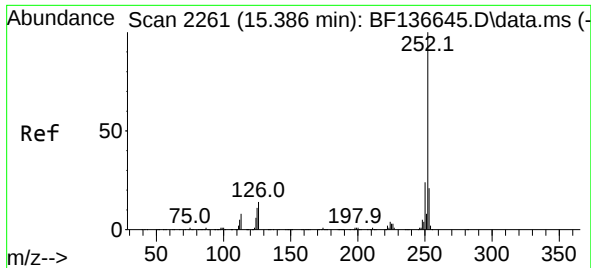
Tgt Ion:252 Resp: 36448
Ion Ratio Lower Upper
252 100
253 20.3 17.4 26.0
125 11.4 7.4 11.2#



#89
Benzo(k)fluoranthene
Concen: 4.268 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.029 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

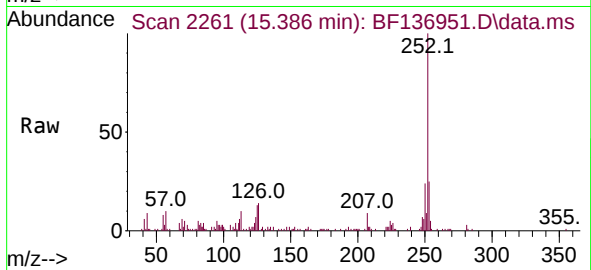
Tgt Ion:252 Resp: 36448
Ion Ratio Lower Upper
252 100
253 20.3 17.0 25.6
125 11.4 8.2 12.4





#90
Benzo(a)pyrene
Concen: 3.395 ng
RT: 15.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Instrument :
BNA_F
ClientSampleId :
MR-321-0-2



Tgt Ion:	252	Resp:	25905
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.0	25.6
125	12.6	8.8	13.2

