

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137064.D
 Acq On : 15 Jan 2024 15:41
 Operator : CG\JU
 Sample : P1132-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027

Quant Time: Jan 15 16:10:08 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)

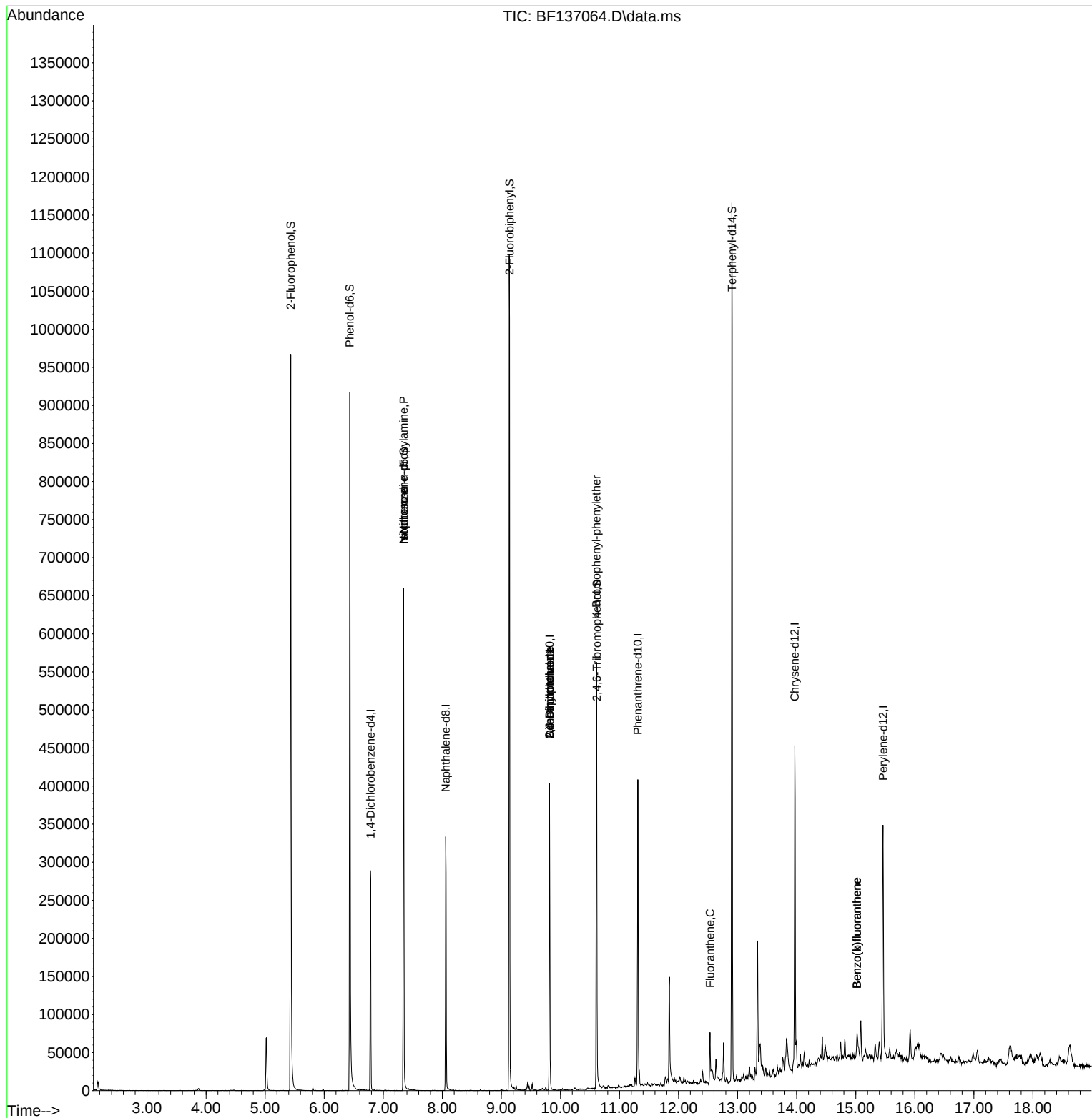
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	43775	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	152880	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	71927	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	140061	20.000	ng	0.00
76) Chrysene-d12	13.968	240	139265	20.000	ng	0.00
86) Perylene-d12	15.462	264	143215	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	262748	93.652	ng	0.00
7) Phenol-d6	6.434	99	293504	80.736	ng	0.00
23) Nitrobenzene-d5	7.345	82	185901	62.224	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	72252	85.293	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	356236	66.614	ng	-0.01
79) Terphenyl-d14	12.904	244	416233	41.767	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	23781	10.791	ng	# 71
25) Isophorone	7.345	82	185899	34.196	ng	# 65
50) Dimethylphthalate	9.816	163	13909	2.647	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	9551	8.010	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	9551	6.170	ng	# 19
67) 4-Bromophenyl-phenylether	10.610	248	4383	2.818	ng	# 1
75) Fluoranthene	12.533	202	20974	2.728	ng	98
88) Benzo(b)fluoranthene	15.021	252	24157	2.525	ng	98
89) Benzo(k)fluoranthene	15.021	252	24157	2.673	ng	99

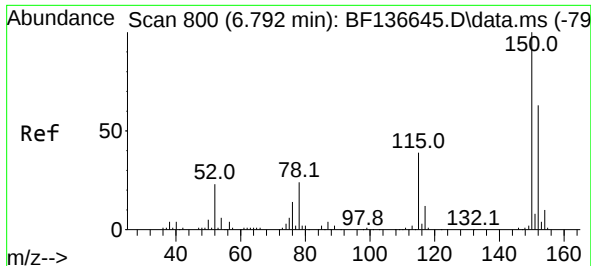
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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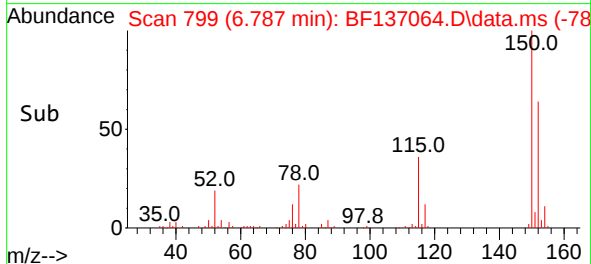
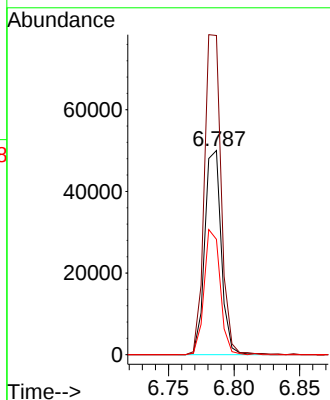
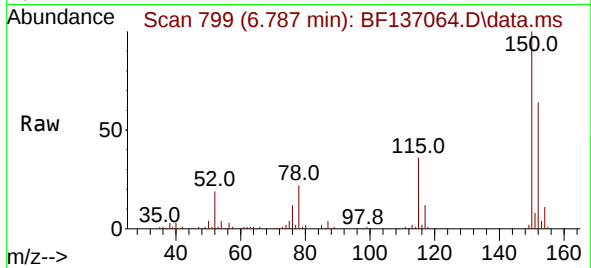




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

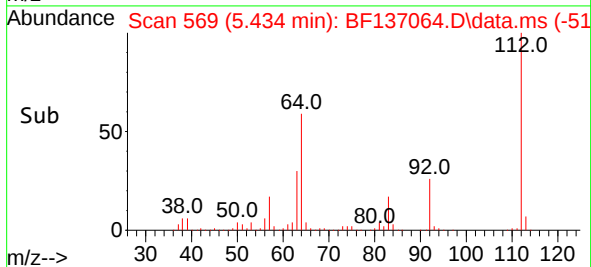
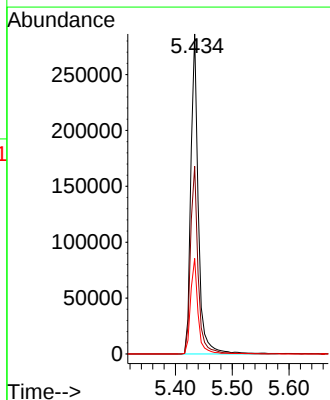
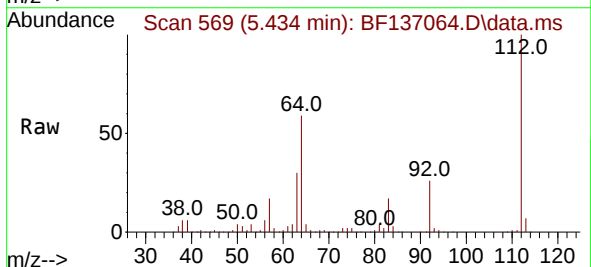
Instrument :
BNA_F
ClientSampleId :
RBR200027

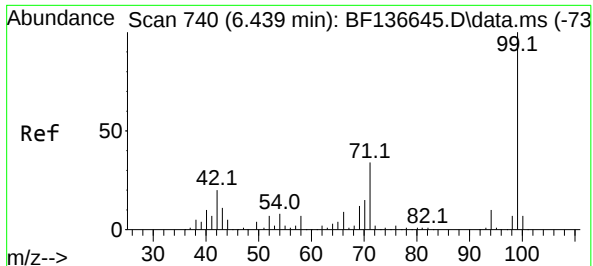
Tgt Ion:152 Resp: 43775
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 56.5 49.0 73.4



#5
2-Fluorophenol
Concen: 93.652 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

Tgt Ion:112 Resp: 262748
Ion Ratio Lower Upper
112 100
64 58.6 51.1 76.7
63 29.9 26.1 39.1

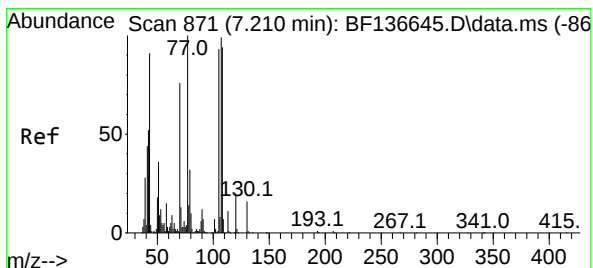
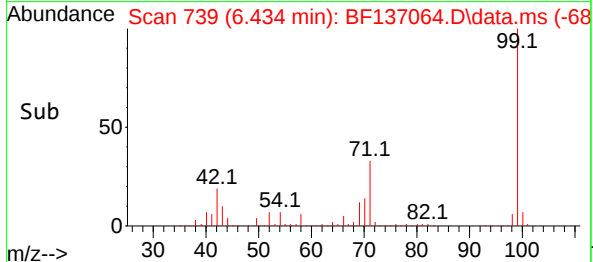
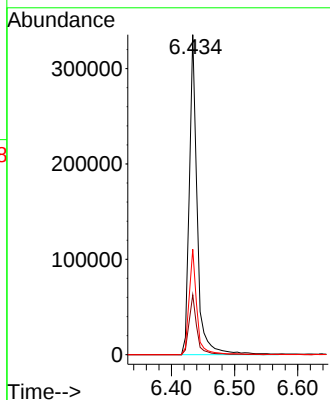
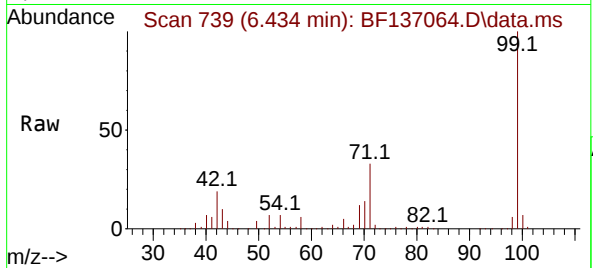




#7
Phenol-d6
Concen: 80.736 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

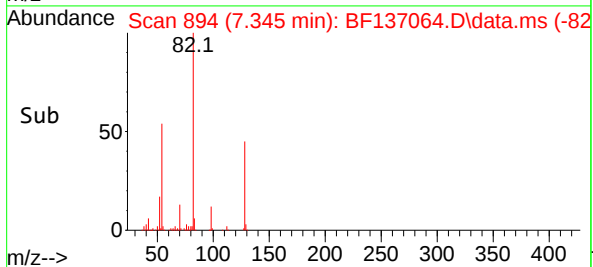
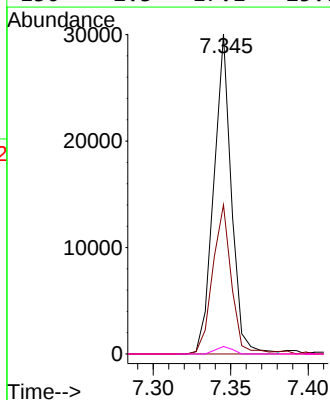
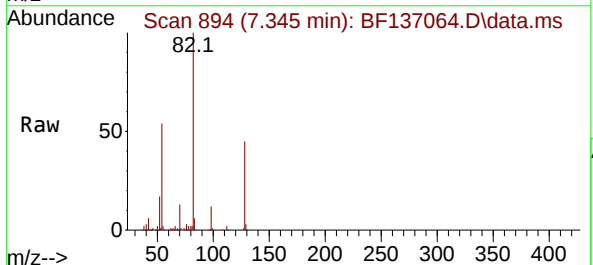
Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion: 99 Resp: 293504
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.9 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.791 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

Tgt Ion: 70 Resp: 23781
Ion Ratio Lower Upper
70 100
42 46.6 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#



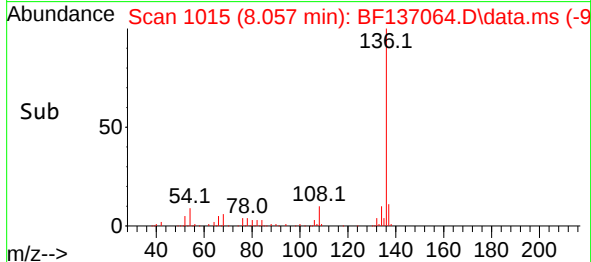
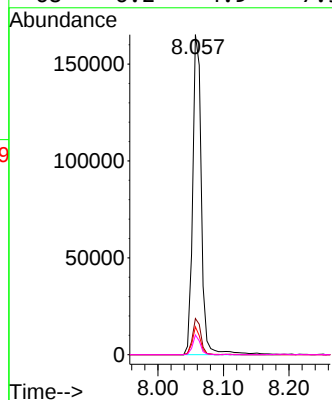
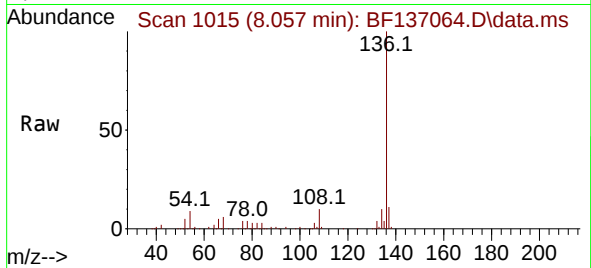


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion:136 Resp: 152880

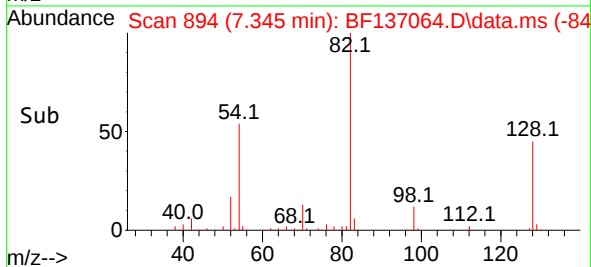
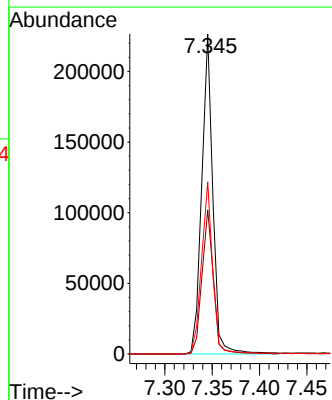
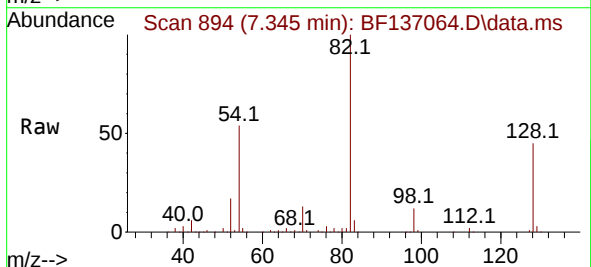
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.7	7.2	10.8
68	6.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 62.224 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

Tgt Ion: 82 Resp: 185901

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.3	52.9
54	53.8	44.5	66.7

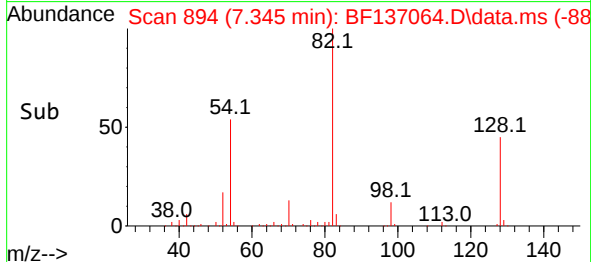
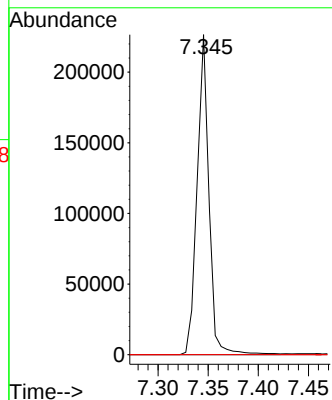
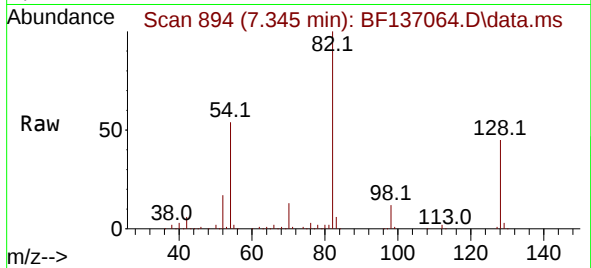




#25
Isophorone
Concen: 34.196 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

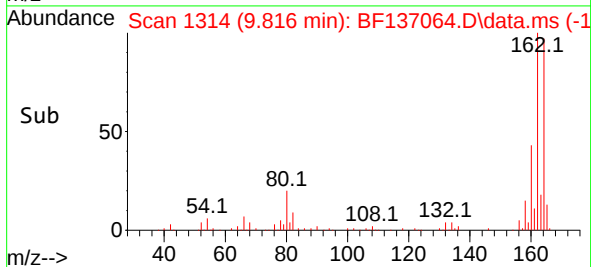
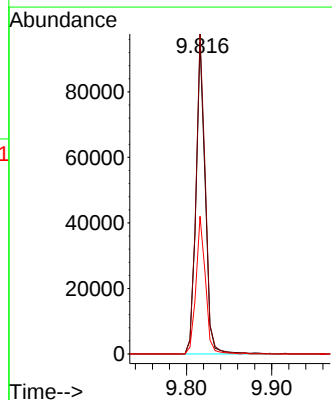
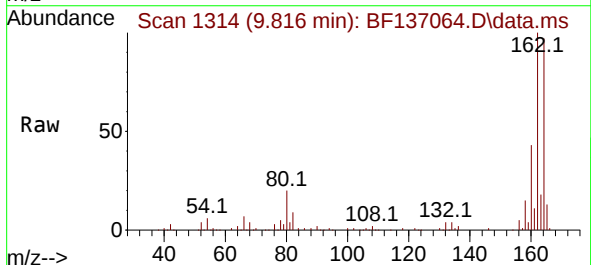
Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion: 82 Resp: 185899
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: BF137064.D
Acq: 15 Jan 2024 15:41

Tgt Ion:164 Resp: 71927
Ion Ratio Lower Upper
164 100
162 102.6 81.6 122.4
160 44.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 85.293 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137064.D

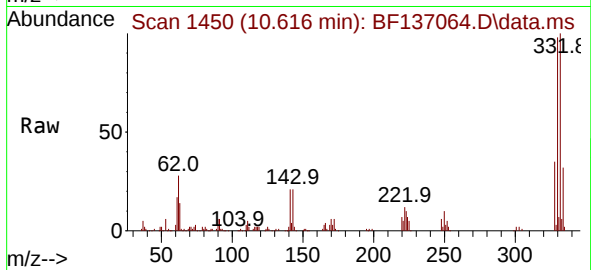
Acq: 15 Jan 2024 15:41

Instrument :

BNA_F

ClientSampleId :

RBR200027



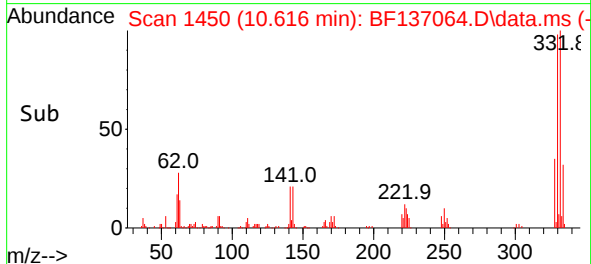
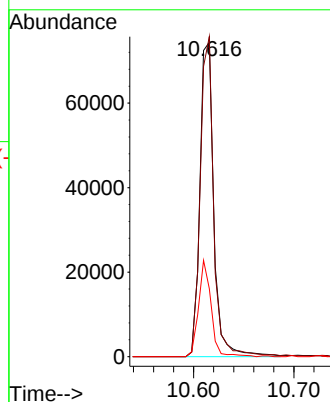
Tgt Ion:330 Resp: 72252

Ion Ratio Lower Upper

330 100

332 98.7 77.4 116.0

141 27.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 66.614 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137064.D

Acq: 15 Jan 2024 15:41

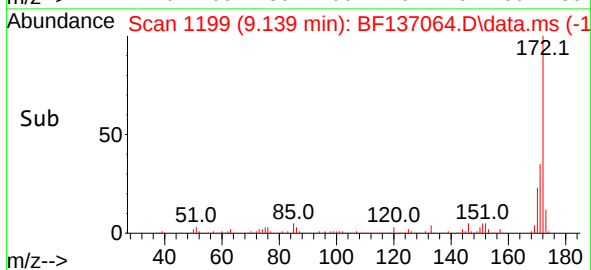
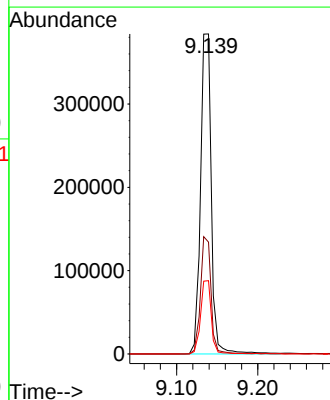
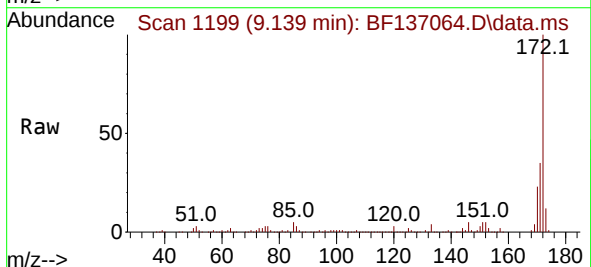
Tgt Ion:172 Resp: 356236

Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.6

170 22.9 19.0 28.4

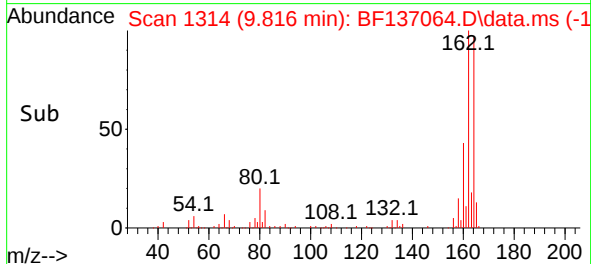
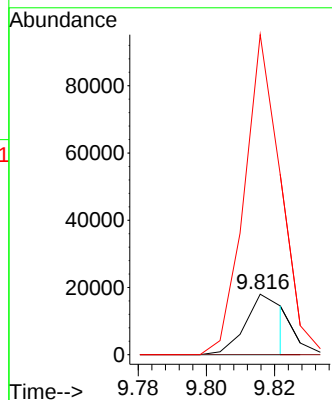
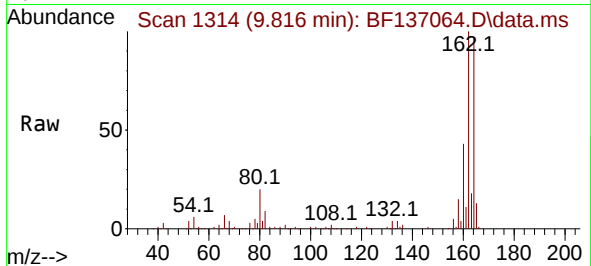




#50
Dimethylphthalate
Concen: 2.647 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

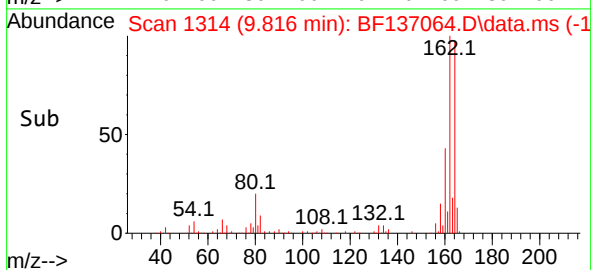
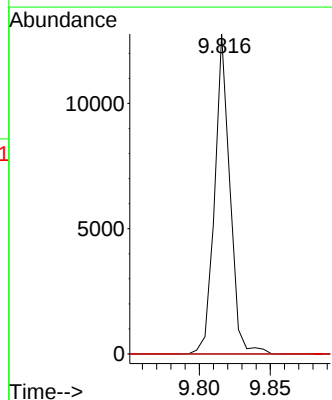
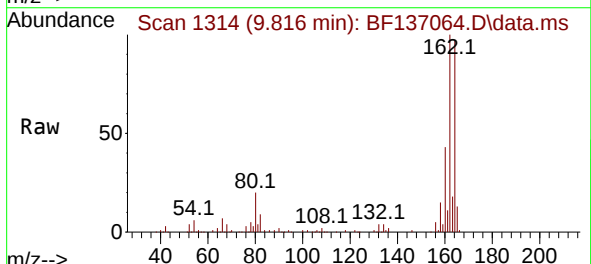
Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion:163 Resp: 13909
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 529.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.010 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

Tgt Ion:165 Resp: 9551
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 0.0 38.8 58.2#

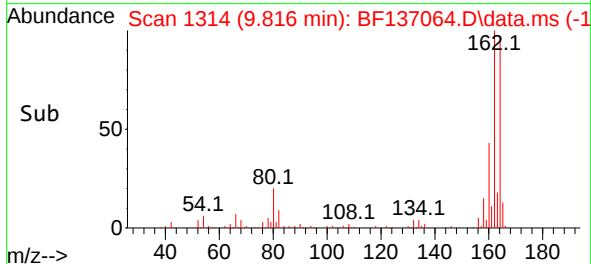
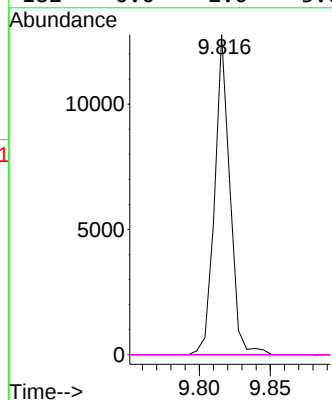
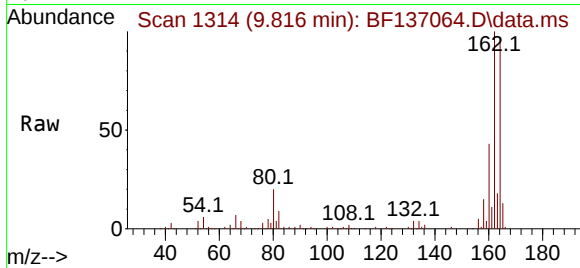




#57
2,4-Dinitrotoluene
Concen: 6.170 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

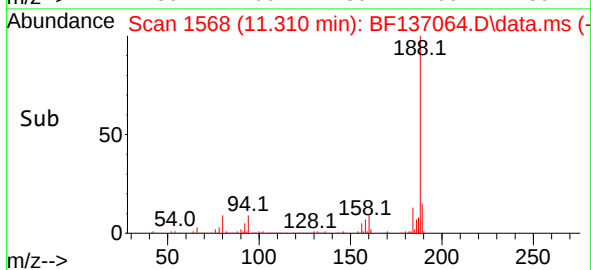
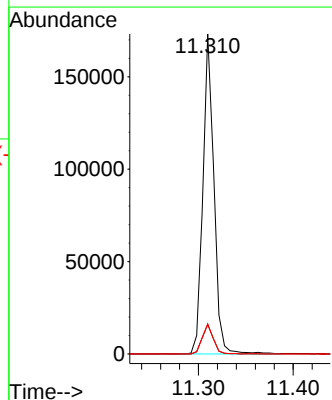
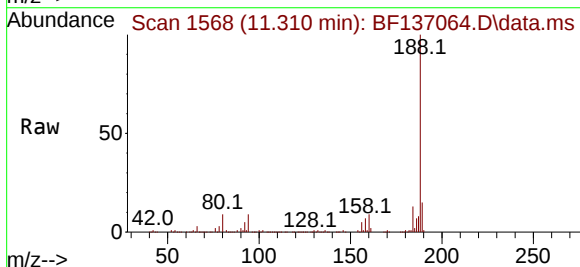
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ClientSampleId :
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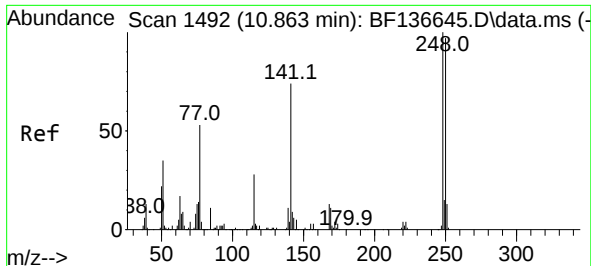
Tgt Ion:165	Resp:	9551
Ion Ratio	Lower	Upper
165	100	
63	0.0	41.0 61.6#
89	0.0	59.9 89.9#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

Tgt Ion:188	Resp:	140061
Ion Ratio	Lower	Upper
188	100	
94	9.2	7.5 11.3
80	9.4	8.1 12.1

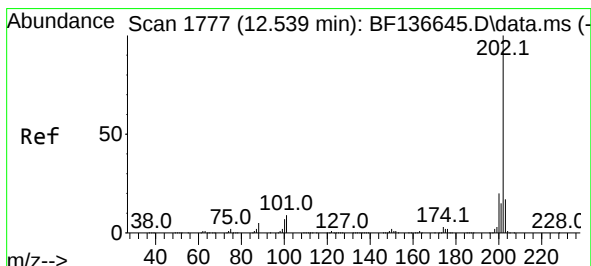
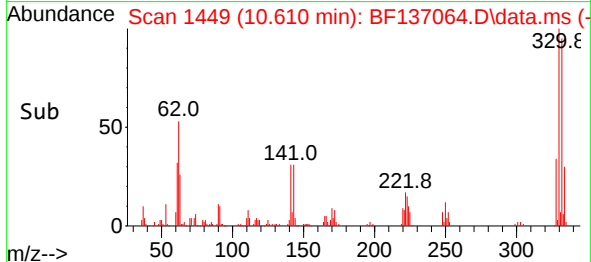
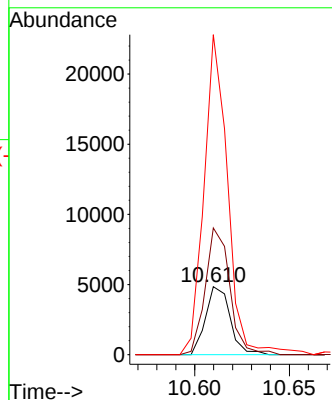
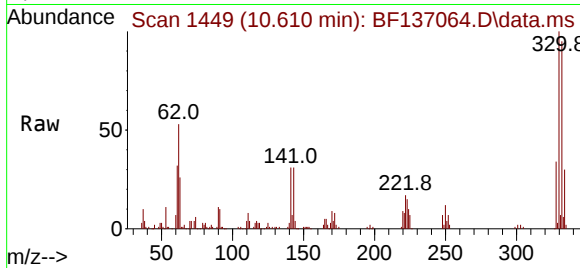




#67
4-Bromophenyl-phenylether
Concen: 2.818 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

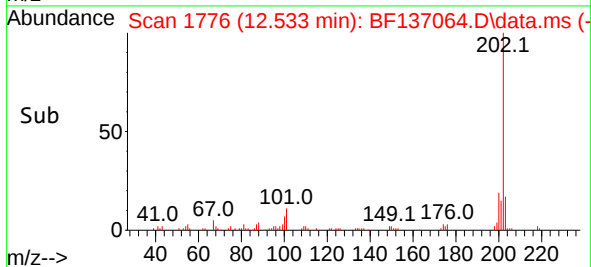
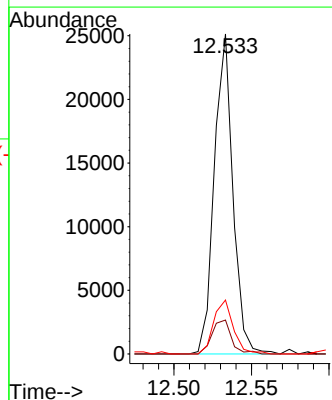
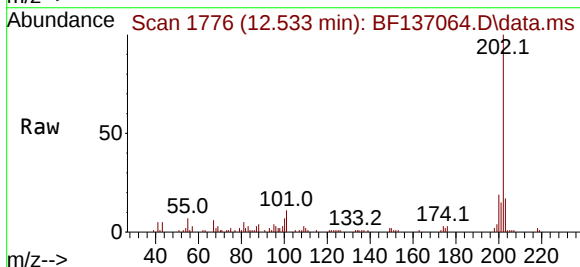
Instrument :
BNA_F
ClientSampleId :
RBR200027

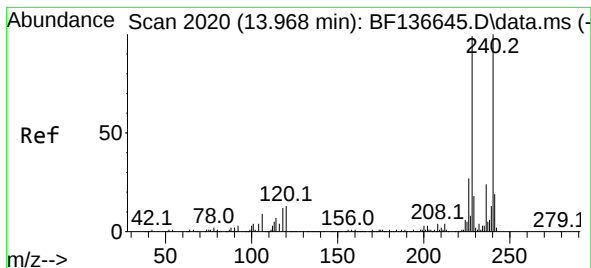
Tgt Ion:248 Resp: 4383
Ion Ratio Lower Upper
248 100
250 186.4 77.8 116.6#
141 470.6 59.2 88.8#



#75
Fluoranthene
Concen: 2.728 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

Tgt Ion:202 Resp: 20974
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.3
203 16.8 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137064.D

Acq: 15 Jan 2024 15:41

Instrument :

BNA_F

ClientSampleId :

RBR200027

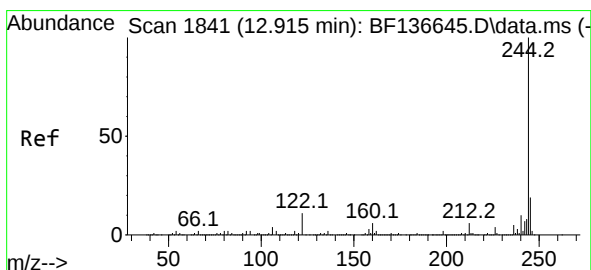
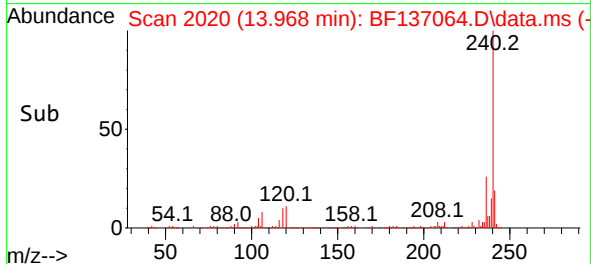
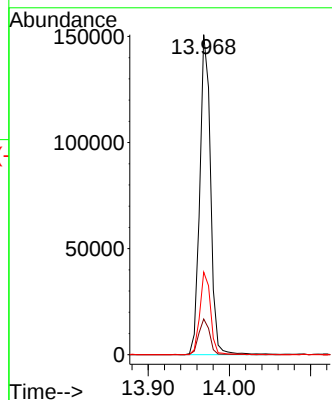
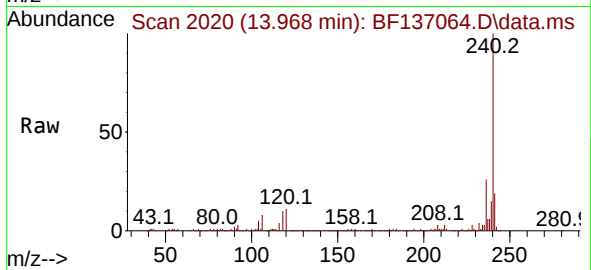
Tgt Ion:240 Resp: 139265

Ion Ratio Lower Upper

240 100

120 11.1 10.3 15.5

236 25.8 19.4 29.2



#79

Terphenyl-d14

Concen: 41.767 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF137064.D

Acq: 15 Jan 2024 15:41

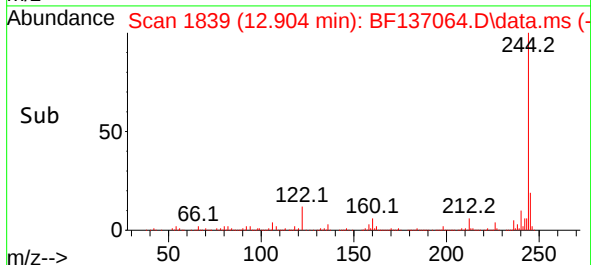
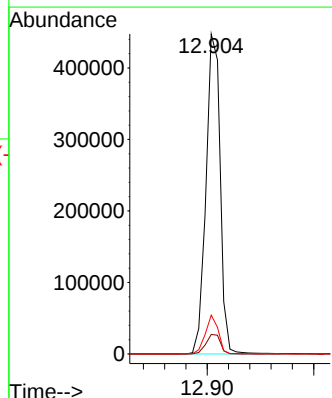
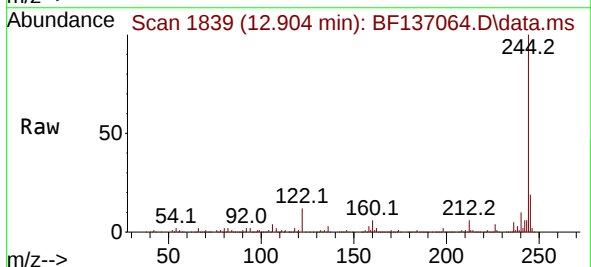
Tgt Ion:244 Resp: 416233

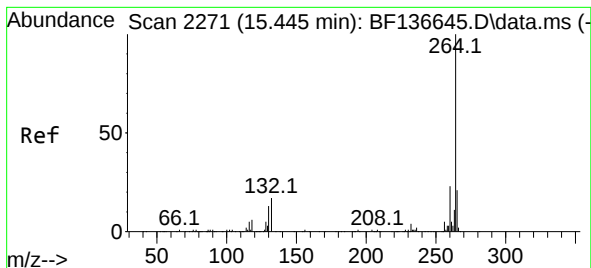
Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 12.1 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2199

Delta R.T. 0.018 min

Lab File: BF137064.D

Acq: 15 Jan 2024 15:41

Instrument :

BNA_F

ClientSampleId :

RBR200027

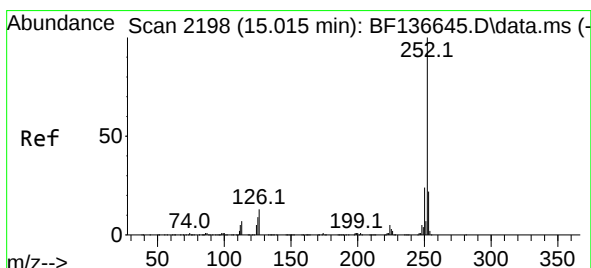
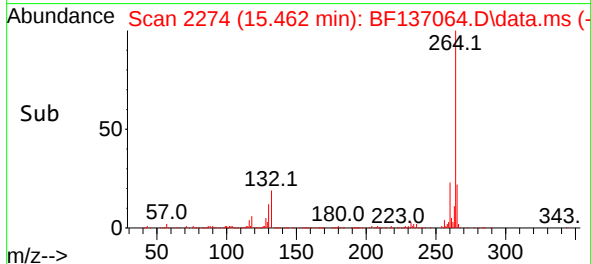
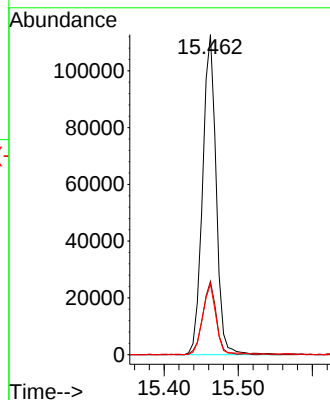
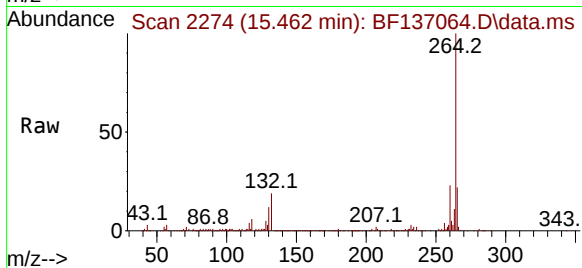
Tgt Ion:264 Resp: 143215

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 22.0 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 2.525 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF137064.D

Acq: 15 Jan 2024 15:41

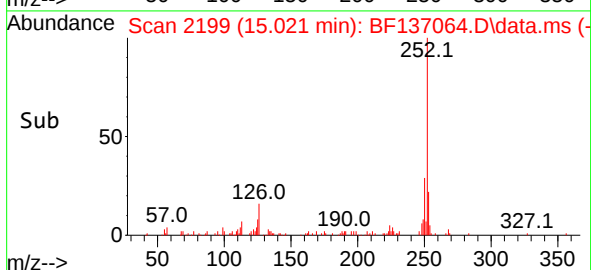
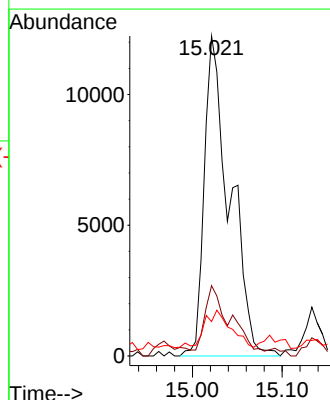
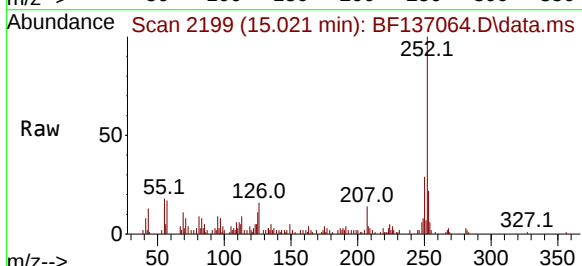
Tgt Ion:252 Resp: 24157

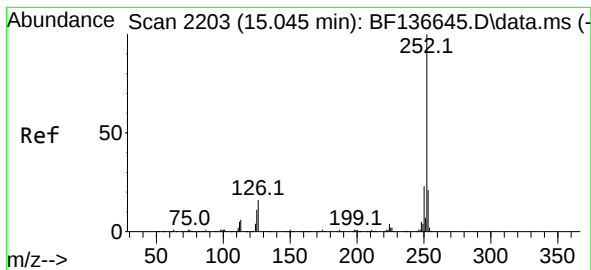
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

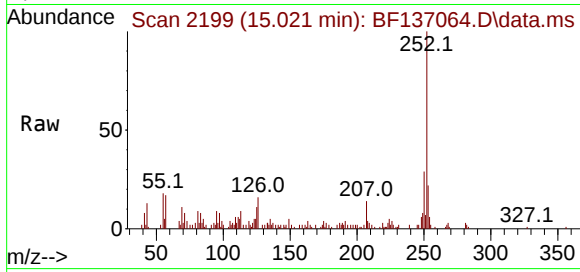
125 10.7 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 2.673 ng
RT: 15.021 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

Instrument :
BNA_F
ClientSampleId :
RBR200027



Tgt Ion:252 Resp: 24157
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 10.7 8.2 12.4

