

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136976.D
 Acq On : 05 Jan 2024 15:20
 Operator : CG\JU
 Sample : P1015-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 15:43:40 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)

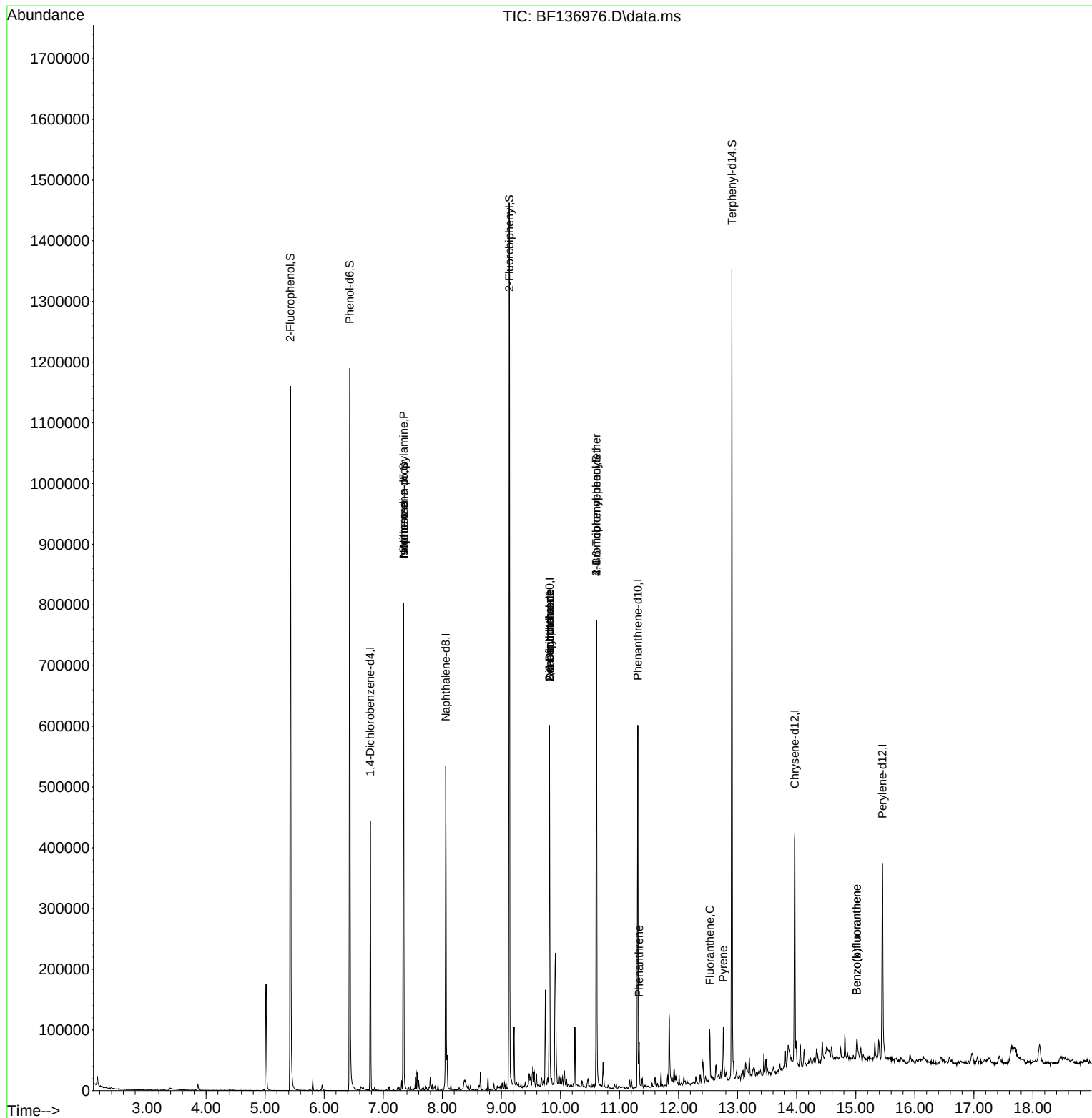
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	60652	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	224795	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	112144	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	203818	20.000	ng	0.00
76) Chrysene-d12	13.968	240	130903	20.000	ng	0.00
86) Perylene-d12	15.451	264	142614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	310347	79.837	ng	0.00
7) Phenol-d6	6.434	99	385013	76.438	ng	0.00
23) Nitrobenzene-d5	7.345	82	244231	55.595	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	96622	73.157	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	465365	55.813	ng	-0.02
79) Terphenyl-d14	12.904	244	432851	46.209	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	30980	10.146	ng	# 72
25) Isophorone	7.345	82	244227	30.553	ng	# 65
50) Dimethylphthalate	9.816	163	21126	2.579	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	14342	7.715	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	14342	5.943	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	5545	2.450	ng	# 1
71) Phenanthrene	11.333	178	26924	2.574	ng	98
75) Fluoranthene	12.527	202	35243	3.150	ng	98
78) Pyrene	12.757	202	36504	2.841	ng	99
88) Benzo(b)fluoranthene	15.015	252	24654	2.588	ng	# 91
89) Benzo(k)fluoranthene	15.015	252	24654	2.739	ng	# 91

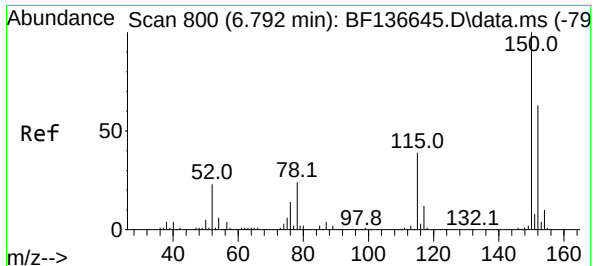
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

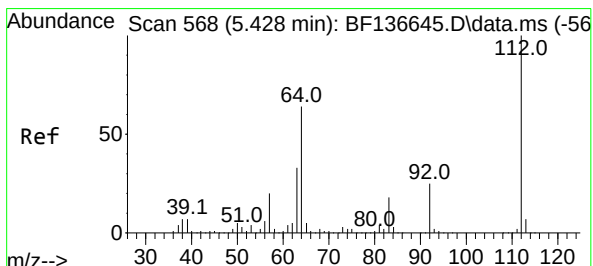
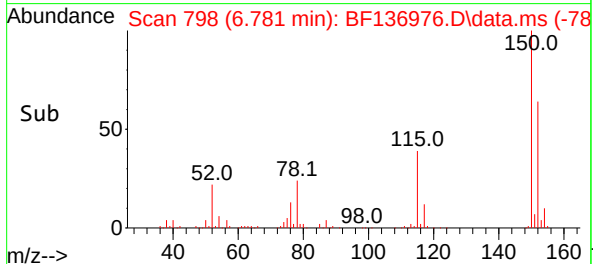
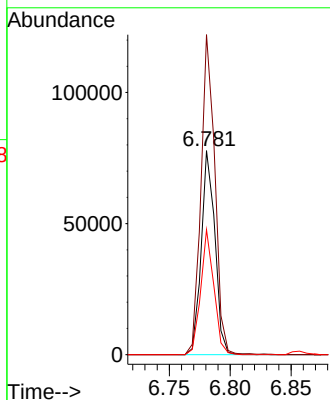
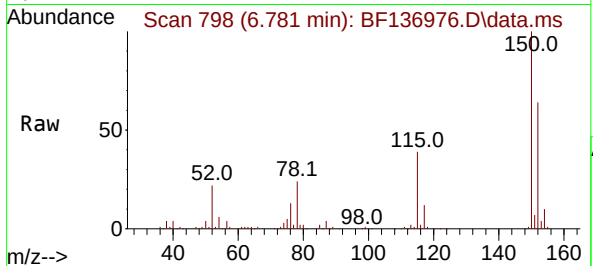




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

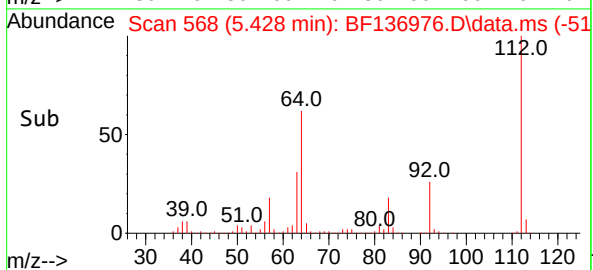
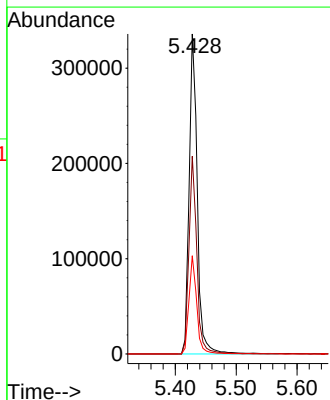
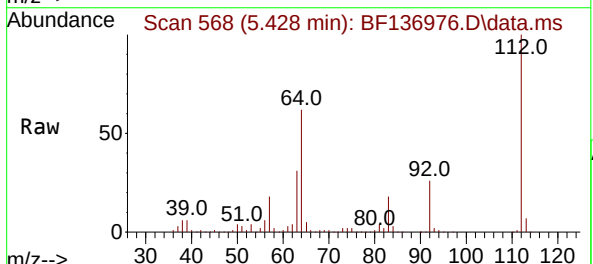
Instrument :
BNA_F
ClientSampleId :

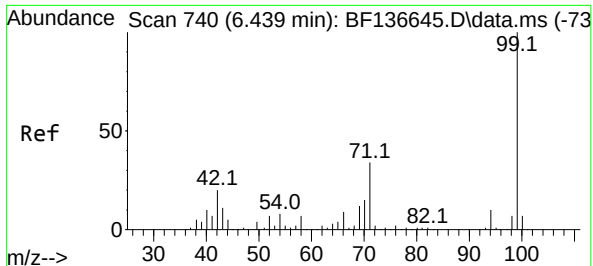
Tgt Ion:152 Resp: 60652
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.6
115 61.3 49.0 73.4



#5
2-Fluorophenol
Concen: 79.837 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

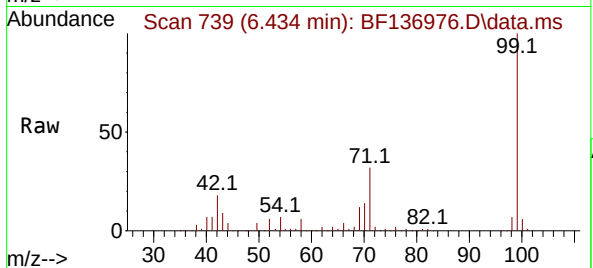
Tgt Ion:112 Resp: 310347
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 30.7 26.1 39.1



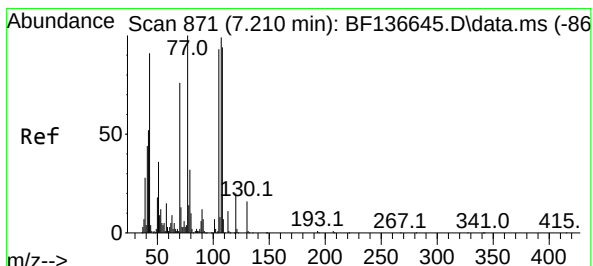
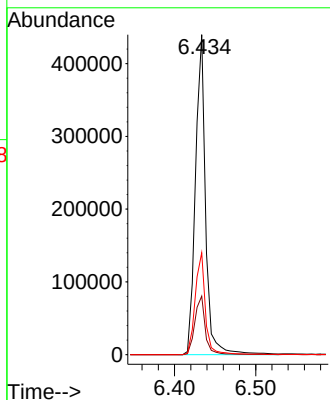
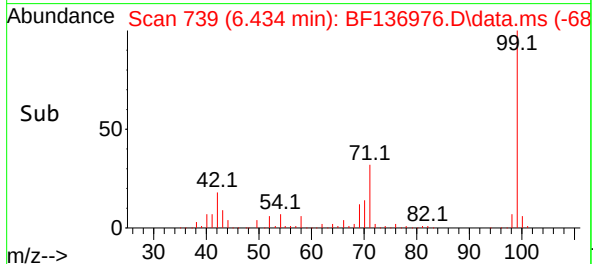


#7
Phenol-d6
Concen: 76.438 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

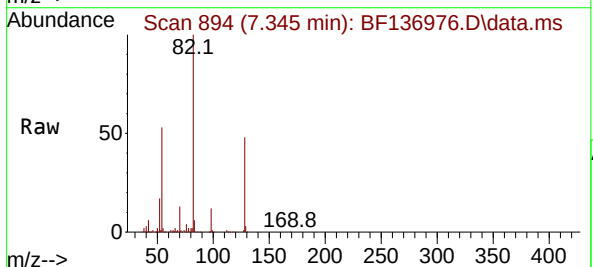
Instrument :
BNA_F
ClientSampleId :



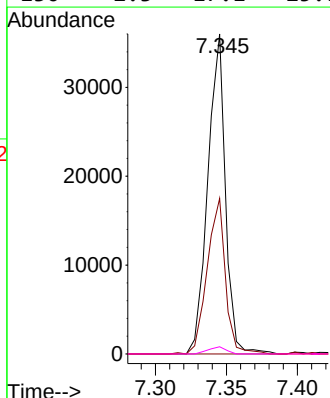
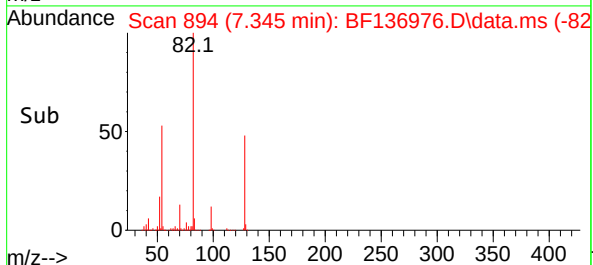
Tgt Ion: 99 Resp: 385013
Ion Ratio Lower Upper
99 100
42 18.3 16.1 24.1
71 31.9 27.4 41.2

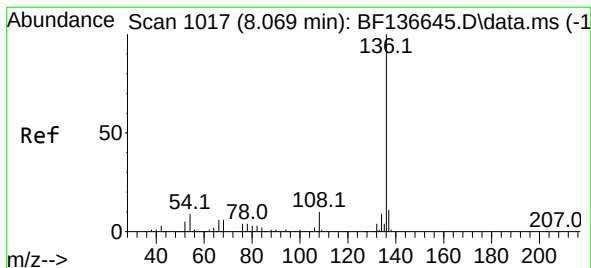


#19
n-Nitroso-di-n-propylamine
Concen: 10.146 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20



Tgt Ion: 70 Resp: 30980
Ion Ratio Lower Upper
70 100
42 48.6 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# 1

Delta R.T. -0.012 min

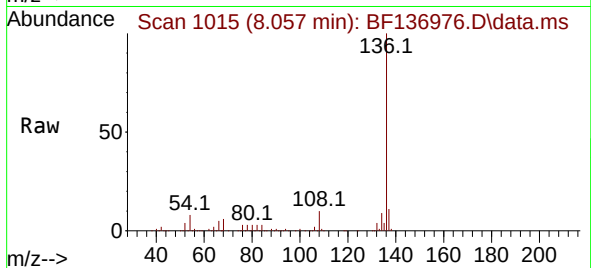
Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 224795

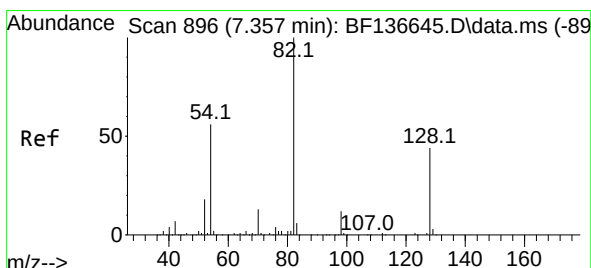
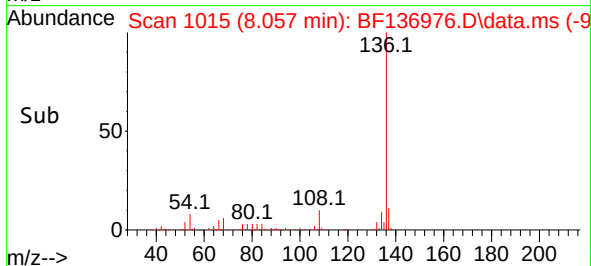
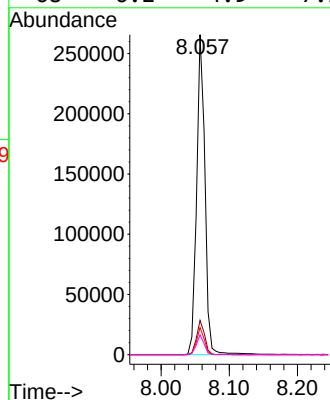
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 8.4 7.2 10.8

68 6.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 55.595 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

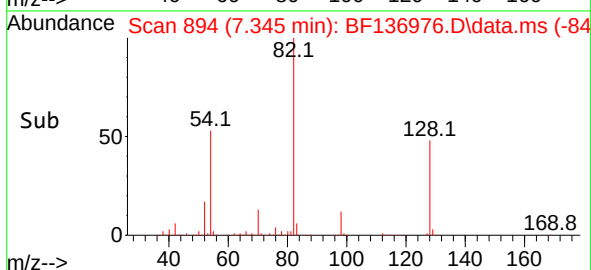
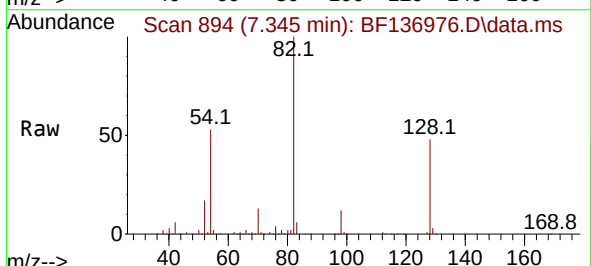
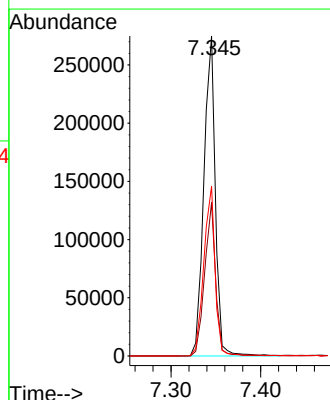
Tgt Ion: 82 Resp: 244231

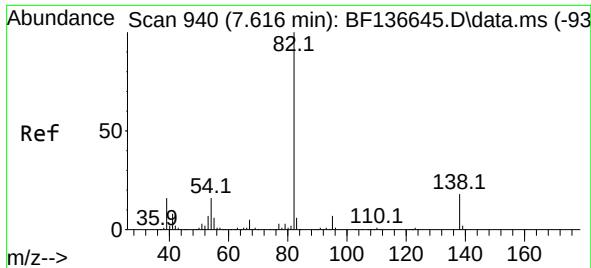
Ion Ratio Lower Upper

82 100

128 47.9 35.3 52.9

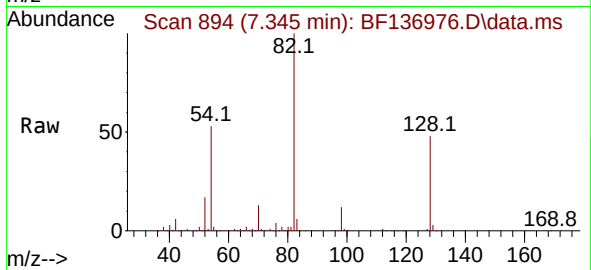
54 53.1 44.5 66.7



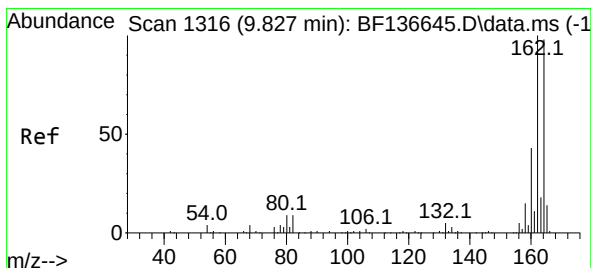
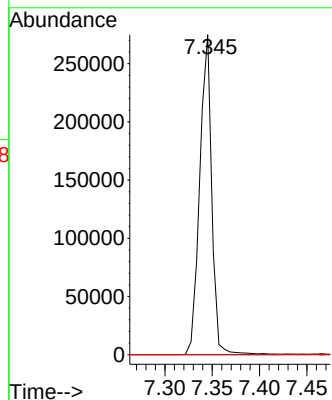
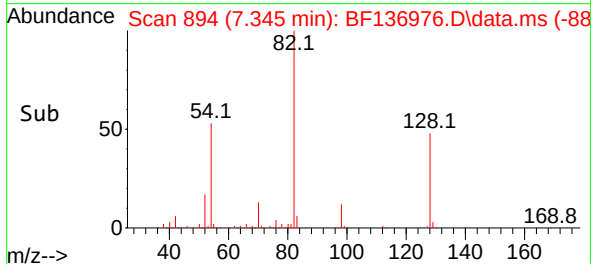


#25
Isophorone
Concen: 30.553 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

Instrument :
BNA_F
ClientSampleId :

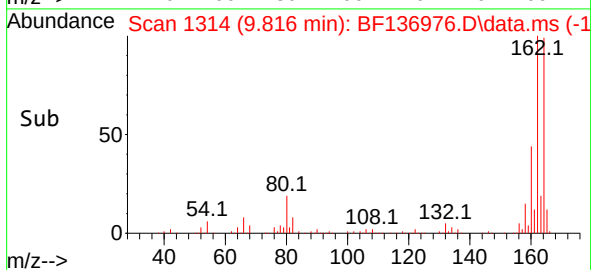
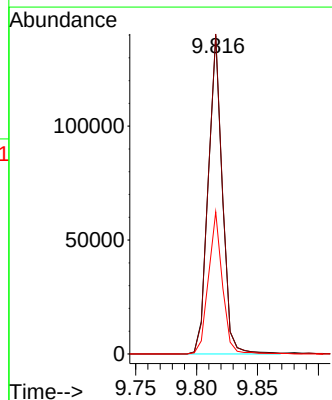
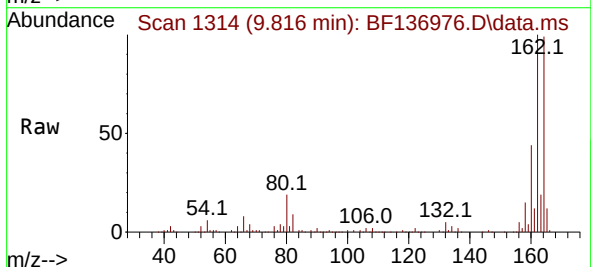


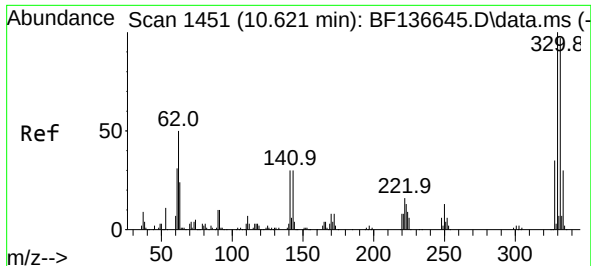
Tgt Ion: 82 Resp: 244227
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

Tgt Ion:164 Resp: 112144
Ion Ratio Lower Upper
164 100
162 100.5 81.6 122.4
160 44.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 73.157 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

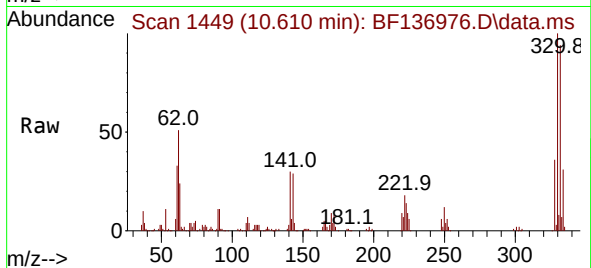
Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

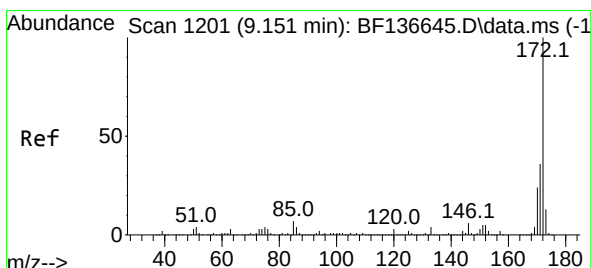
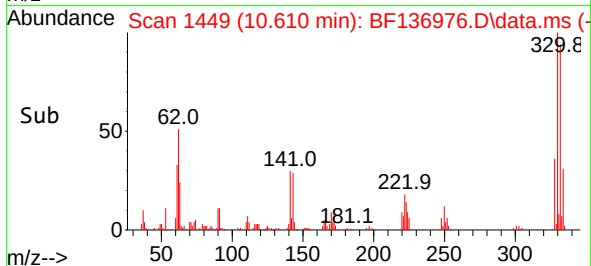
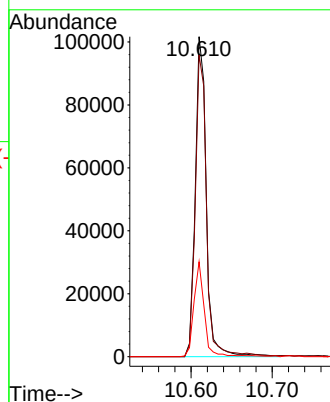
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	330	Resp:	96622
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.4	116.0
141	28.2	23.4	35.2



#45

2-Fluorobiphenyl

Concen: 55.813 ng

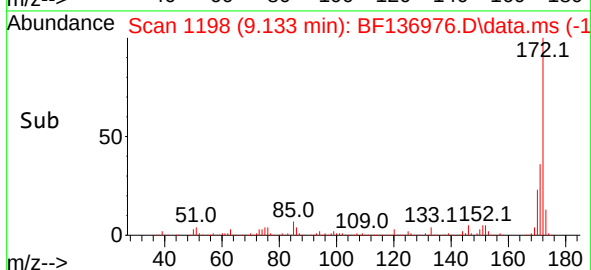
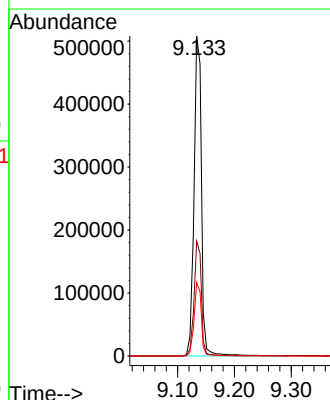
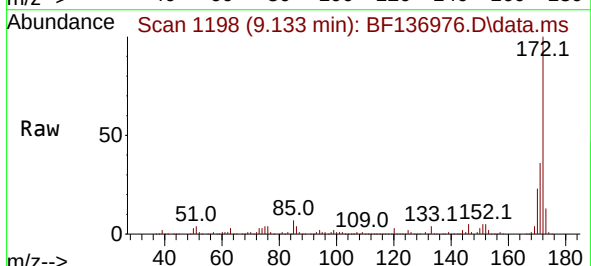
RT: 9.133 min Scan# 1198

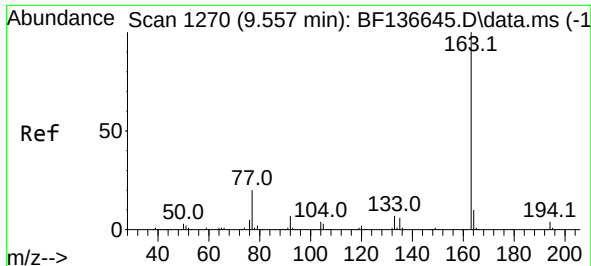
Delta R.T. -0.018 min

Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

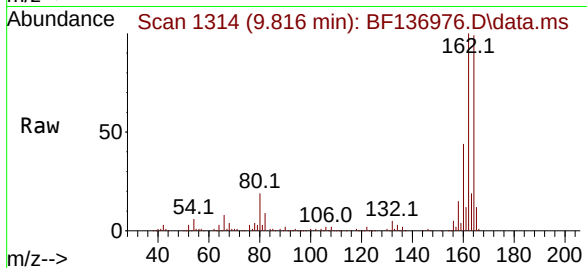
Tgt Ion:	172	Resp:	465365
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.6
170	23.0	19.0	28.4



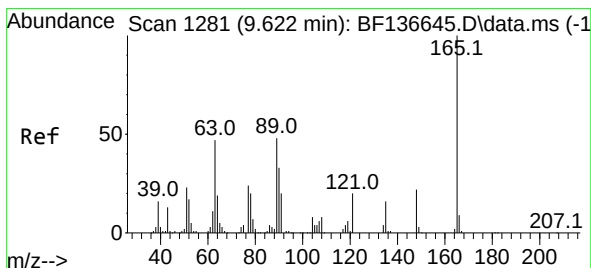
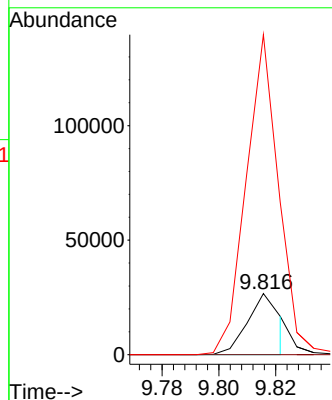
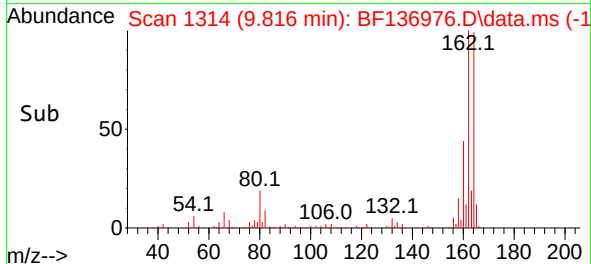


#50
Dimethylphthalate
Concen: 2.579 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

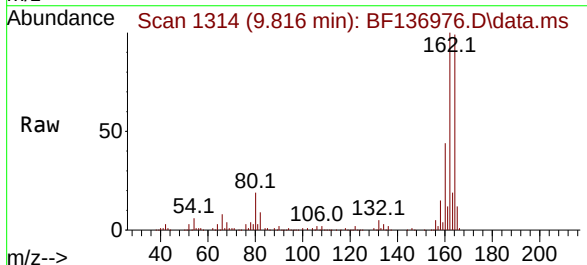
Instrument :
BNA_F
ClientSampleId :



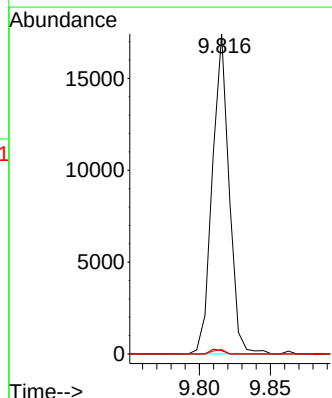
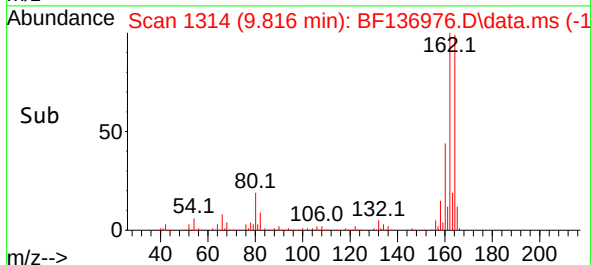
Tgt Ion:163 Resp: 21126
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 522.9 7.8 11.6#

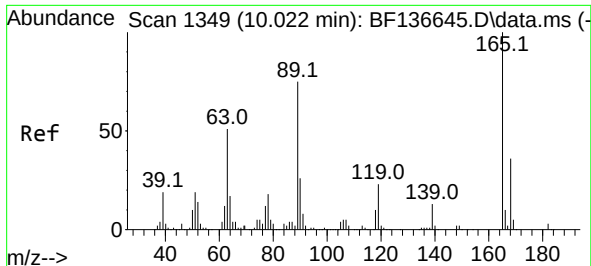


#51
2,6-Dinitrotoluene
Concen: 7.715 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20



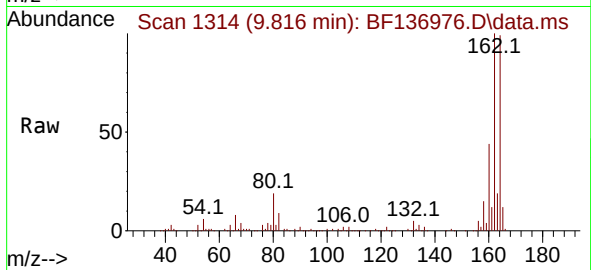
Tgt Ion:165 Resp: 14342
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.4 38.8 58.2#



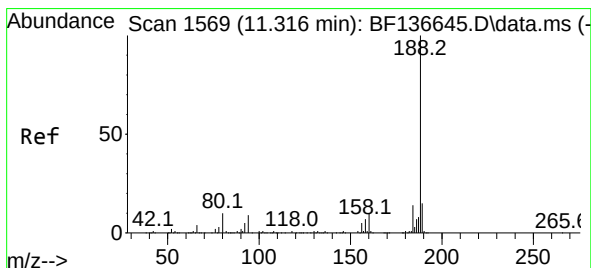
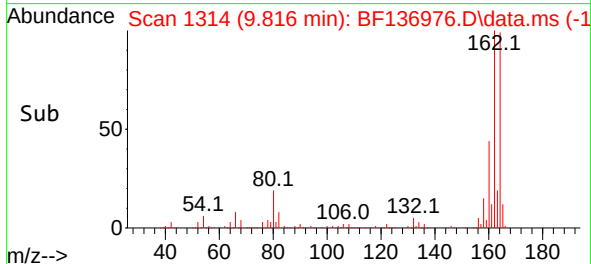
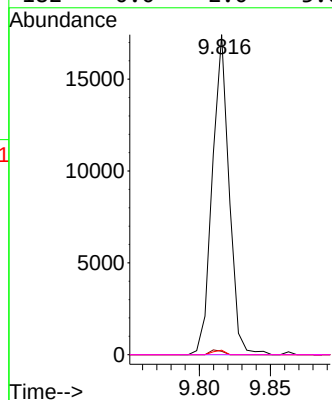


#57
2,4-Dinitrotoluene
Concen: 5.943 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

Instrument :
BNA_F
ClientSampleId :

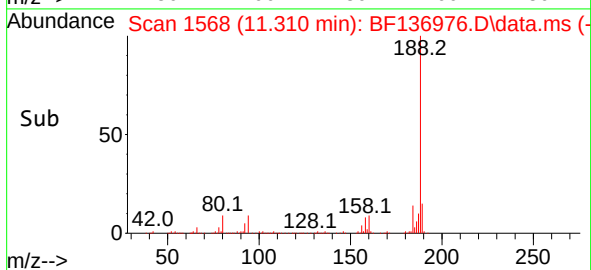
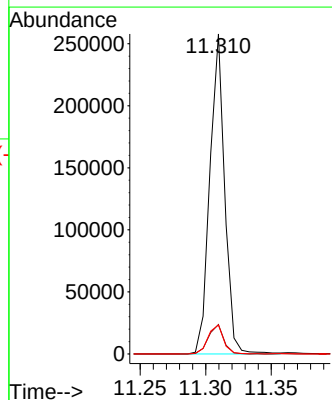
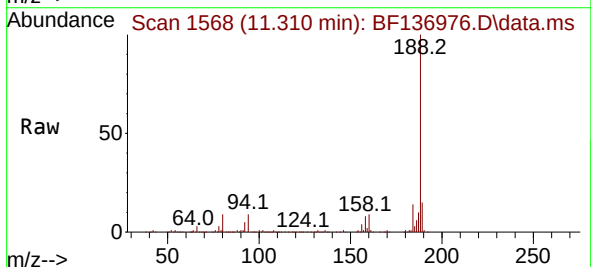


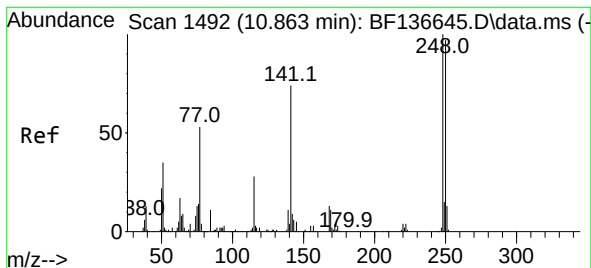
Tgt Ion:165 Resp: 14342
Ion Ratio Lower Upper
165 100
63 1.1 41.0 61.6#
89 1.4 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

Tgt Ion:188 Resp: 203818
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.0 8.1 12.1

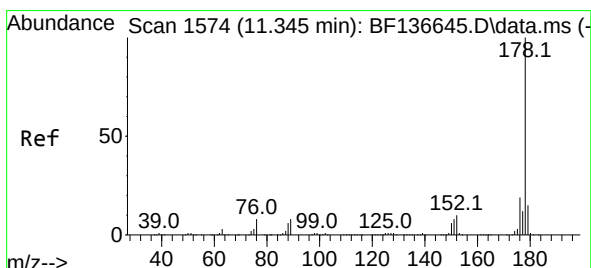
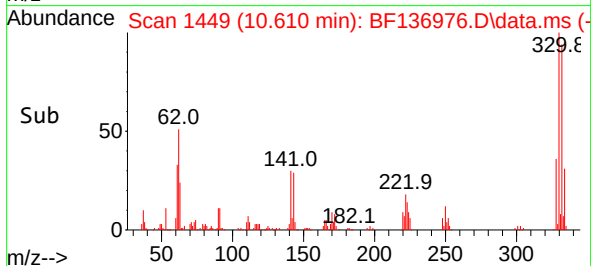
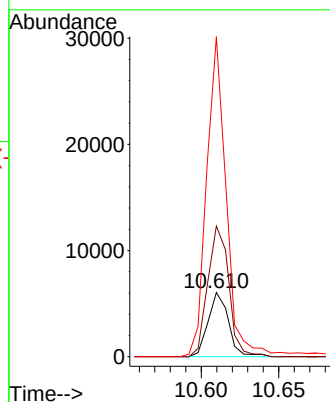
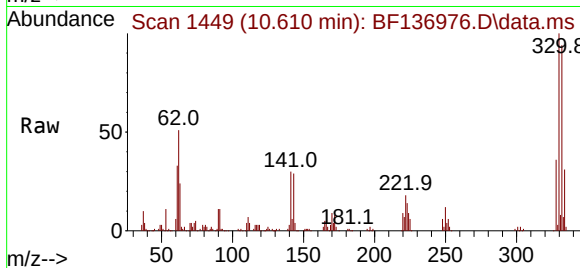




#67
4-Bromophenyl-phenylether
Concen: 2.450 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

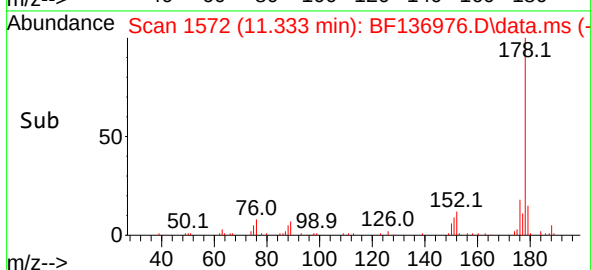
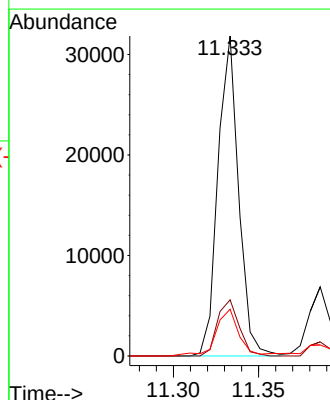
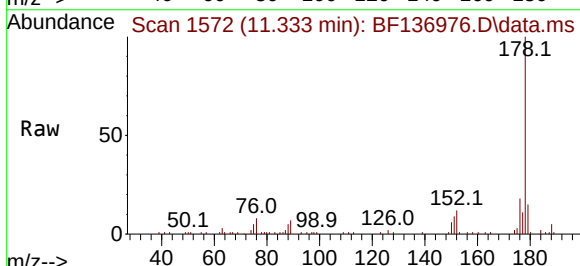
Instrument :
BNA_F
ClientSampleId :

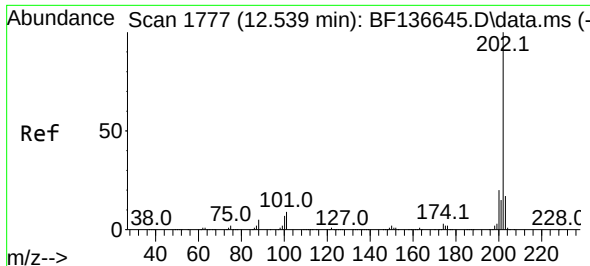
Tgt Ion:248 Resp: 5545
Ion Ratio Lower Upper
248 100
250 203.8 77.8 116.6#
141 498.5 59.2 88.8#



#71
Phenanthrene
Concen: 2.574 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

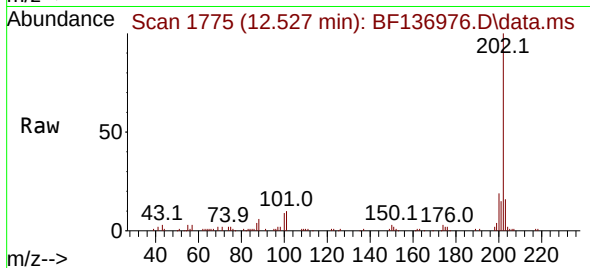
Tgt Ion:178 Resp: 26924
Ion Ratio Lower Upper
178 100
176 17.5 15.3 22.9
179 14.6 11.9 17.9



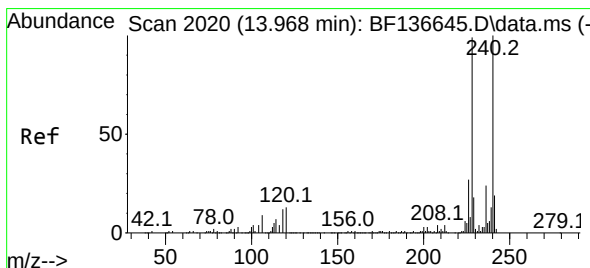
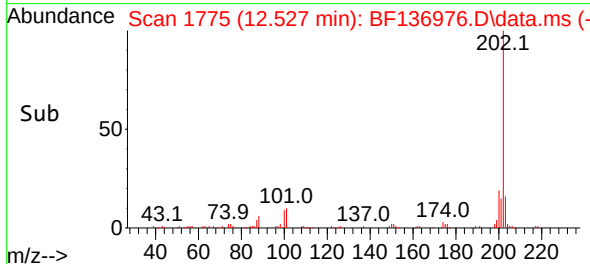
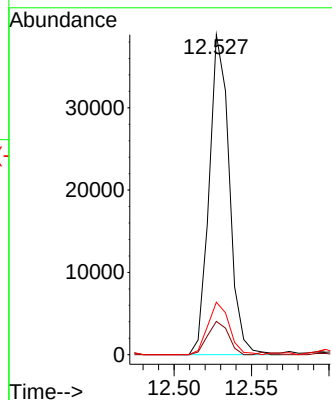


#75
Fluoranthene
Concen: 3.150 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

Instrument :
BNA_F
ClientSampleId :

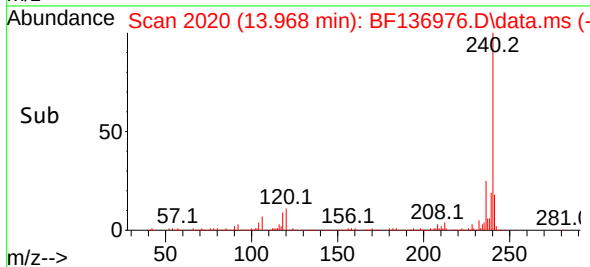
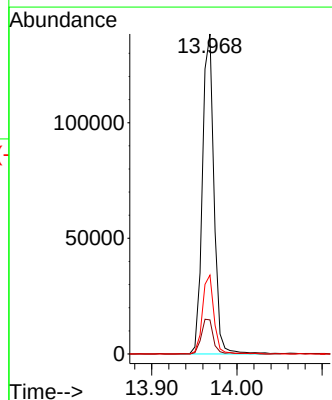
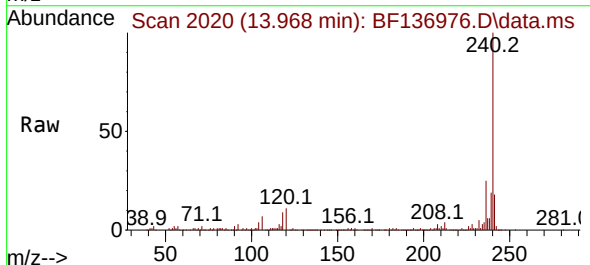


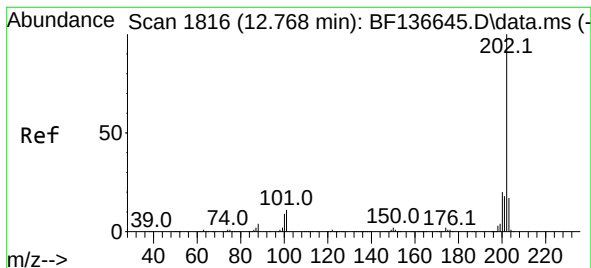
Tgt Ion:202 Resp: 35243
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.3
203 16.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

Tgt Ion:240 Resp: 130903
Ion Ratio Lower Upper
240 100
120 10.6 10.3 15.5
236 24.7 19.4 29.2





#78

Pyrene

Concen: 2.841 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF136976.D

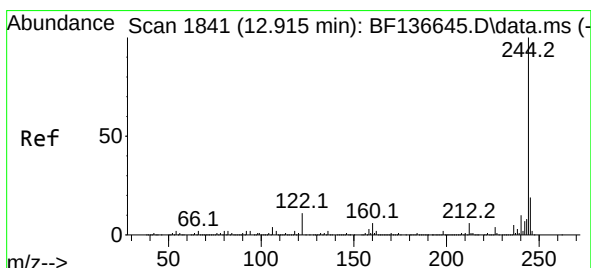
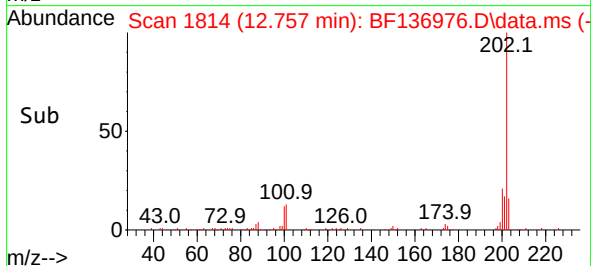
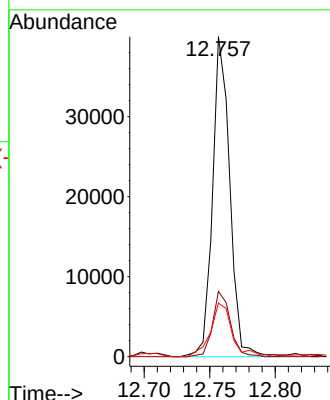
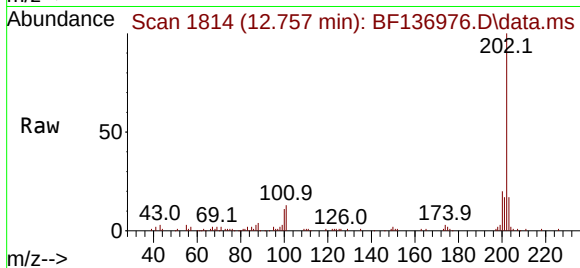
Acq: 05 Jan 2024 15:20

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:202	Resp:	36504
Ion Ratio	Lower	Upper
202	100	
200	20.4	15.9 23.9
203	16.7	13.8 20.6



#79

Terphenyl-d14

Concen: 46.209 ng

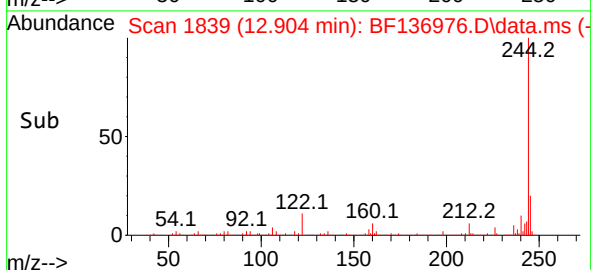
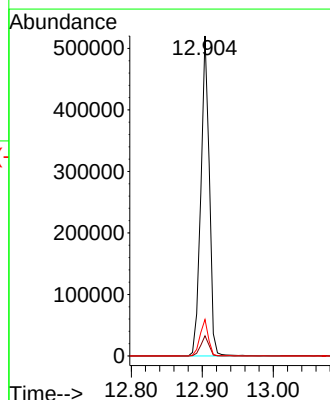
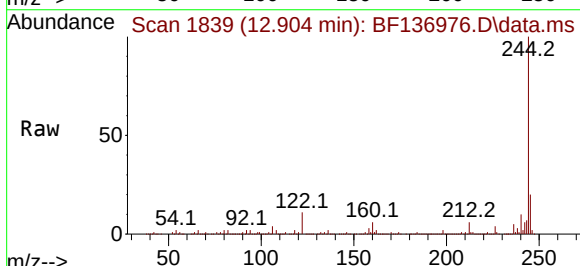
RT: 12.904 min Scan# 1839

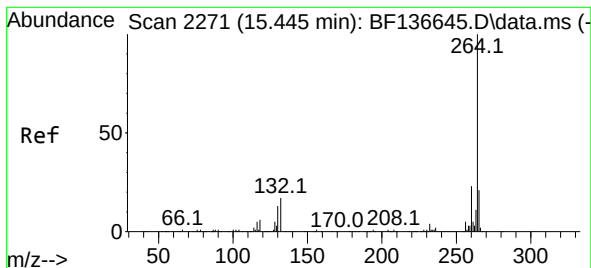
Delta R.T. -0.012 min

Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

Tgt Ion:244	Resp:	432851
Ion Ratio	Lower	Upper
244	100	
212	6.3	5.0 7.4
122	11.4	9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

Instrument :

BNA_F

ClientSampleId :

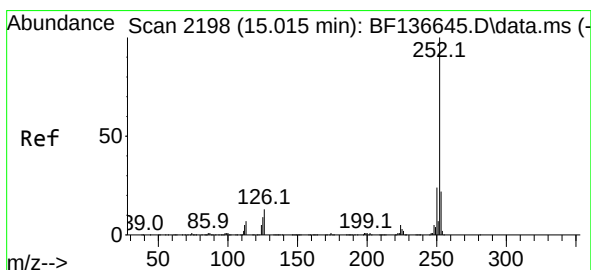
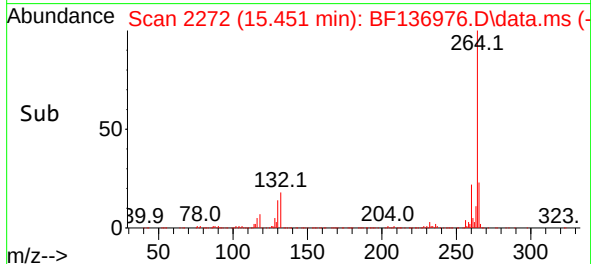
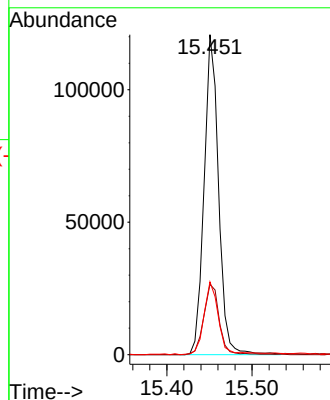
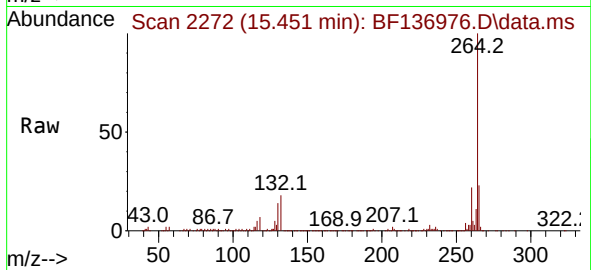
Tgt Ion:264 Resp: 142614

Ion Ratio Lower Upper

264 100

260 22.0 18.3 27.5

265 22.8 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 2.588 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

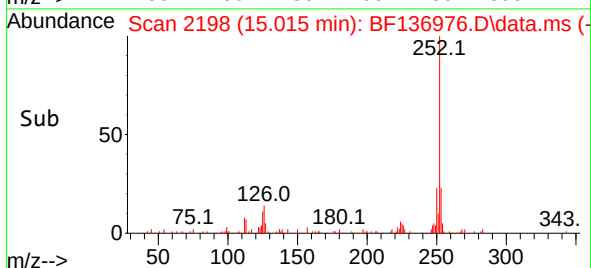
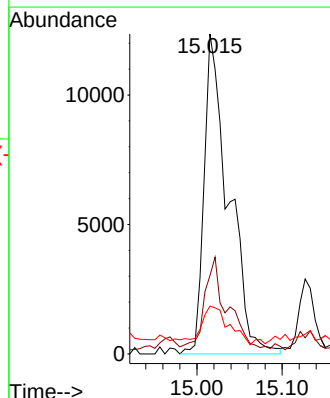
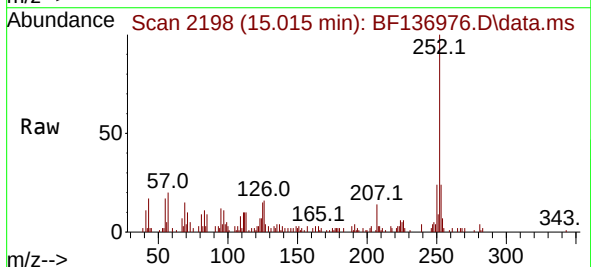
Tgt Ion:252 Resp: 24654

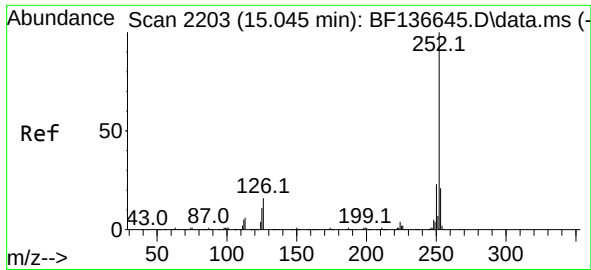
Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.0

125 15.0 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 2.739 ng

RT: 15.015 min Scan# 21

Delta R.T. -0.029 min

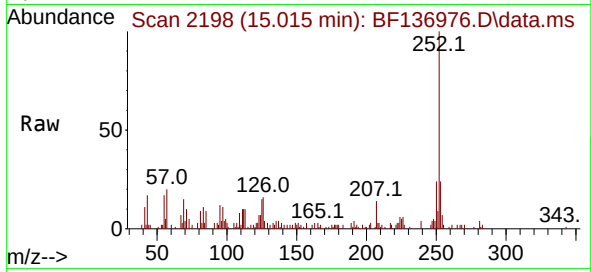
Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:252 Resp: 24654

Ion Ratio Lower Upper

252 100

253 24.5 17.0 25.6

125 15.0 8.2 12.4#

