

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131952.D
 Acq On : 06 Jan 2023 21:12
 Operator : CG\JU
 Sample : N6244-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 00:26:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 23:58:27 2023
 Response via : Initial Calibration

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

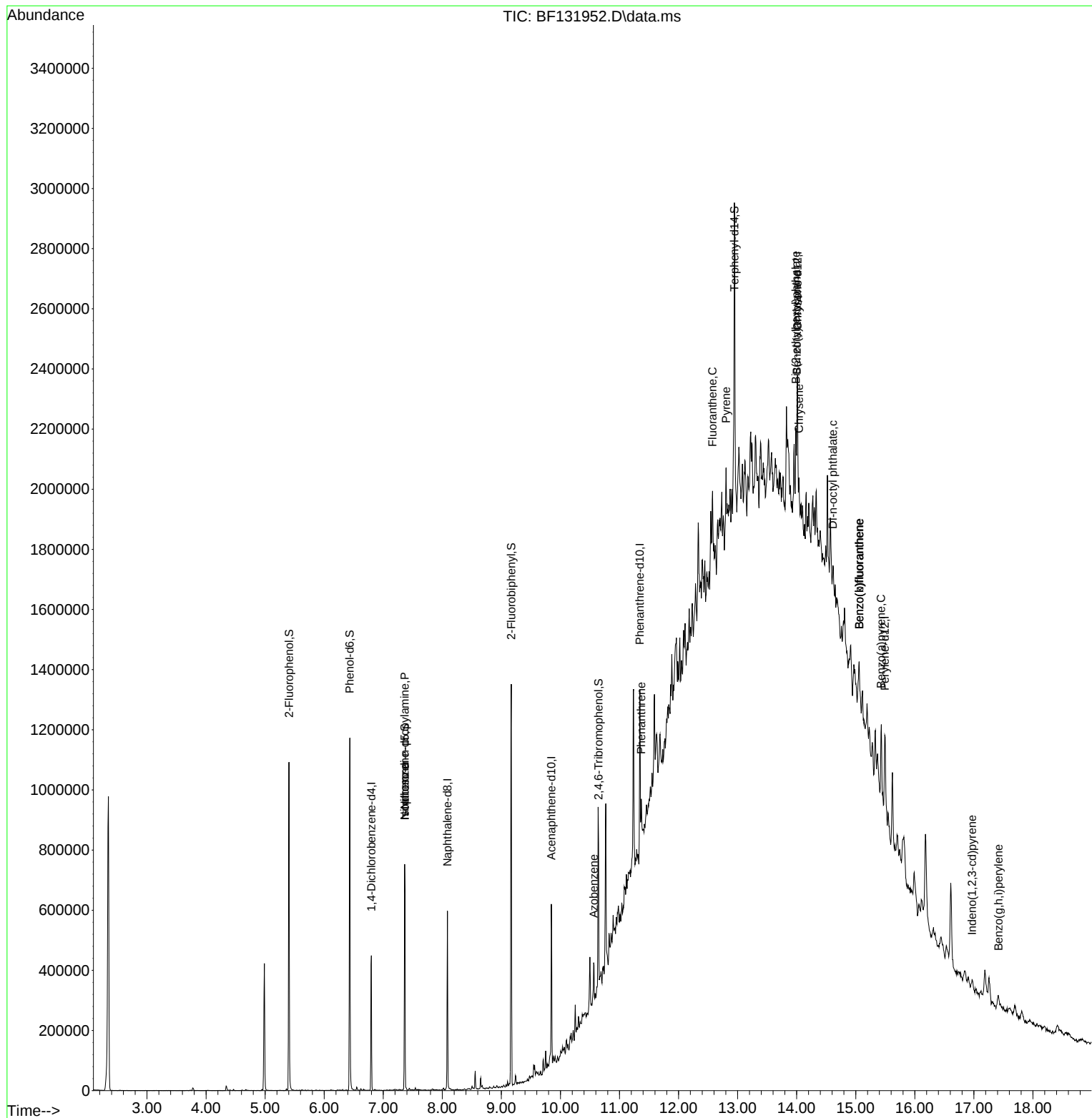
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	62050	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	205862	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	97559	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	155825	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	118810	20.000	ng	# 0.02
86) Perylene-d12	15.492	264	92017	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	243796	65.113	ng	0.00
7) Phenol-d6	6.434	99	324084	65.881	ng	0.00
23) Nitrobenzene-d5	7.363	82	240258	46.597	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	61664	58.175	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	380431	53.413	ng	0.00
79) Terphenyl-d14	12.945	244	332525	47.342	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	33247	9.570	ng	# 83
25) Isophorone	7.363	82	240255	28.533	ng	# 69
63) Azobenzene	10.563	77	29305	3.717	ng	# 5
71) Phenanthrene	11.369	178	44514	5.195	ng	# 92
75) Fluoranthene	12.574	202	89858	9.003	ng	94
78) Pyrene	12.804	202	84577	8.493	ng	# 94
81) Benzo(a)anthracene	14.004	228	37498	4.359	ng	# 83
83) Chrysene	14.039	228	35386	4.378	ng	# 87
84) Bis(2-ethylhexyl)phtha...	13.986	149	83912	18.658	ng	97
85) Di-n-octyl phthalate	14.610	149	15785	2.607	ng	# 75
87) Indeno(1,2,3-cd)pyrene	16.968	276	19455	3.328	ng	96
88) Benzo(b)fluoranthene	15.062	252	58095	8.610	ng	# 59
89) Benzo(k)fluoranthene	15.062	252	58095	8.912	ng	# 59
90) Benzo(a)pyrene	15.427	252	27576	5.279	ng	# 53
92) Benzo(g,h,i)perylene	17.415	276	35020	10.755	ng	# 92

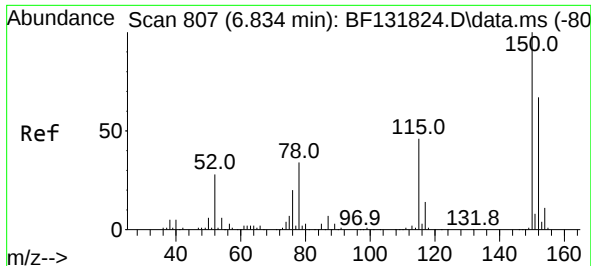
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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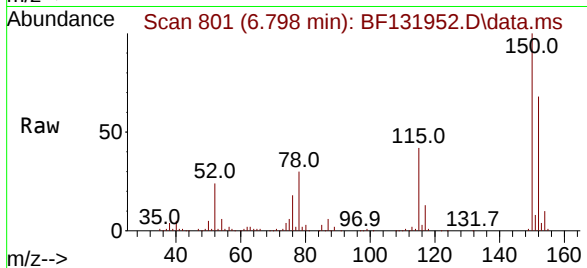
Quant Time: Jan 07 00:26:05 2023
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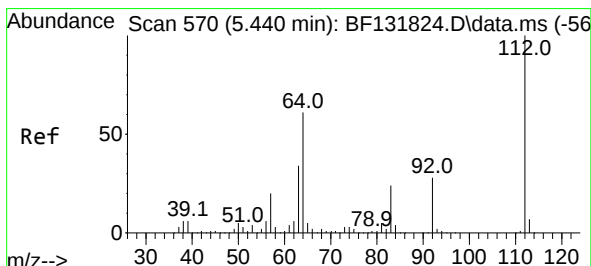
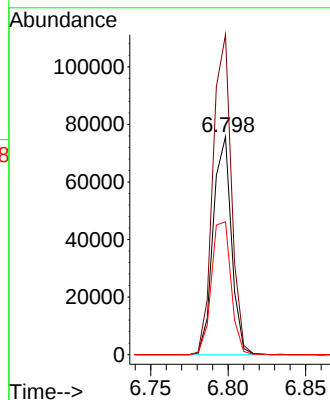
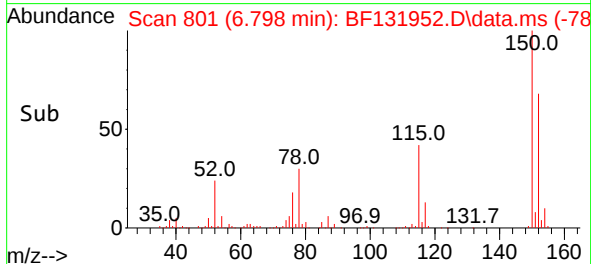


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131952.D
Acq: 06 Jan 2023 21:12

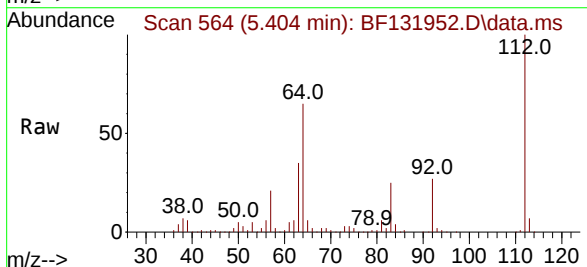
Instrument :
BNA_F
ClientSampleId :



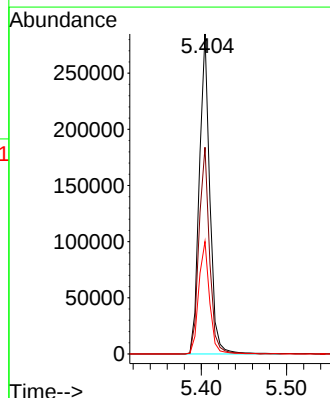
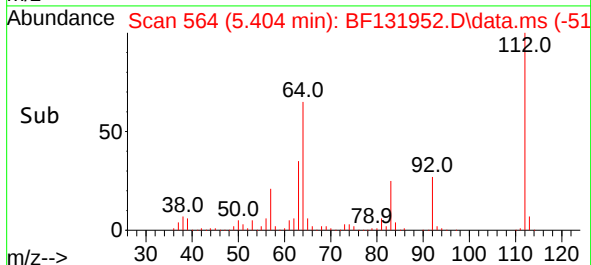
Tgt Ion:152 Resp: 62050
Ion Ratio Lower Upper
152 100
150 146.8 120.0 180.0
115 61.0 55.1 82.7

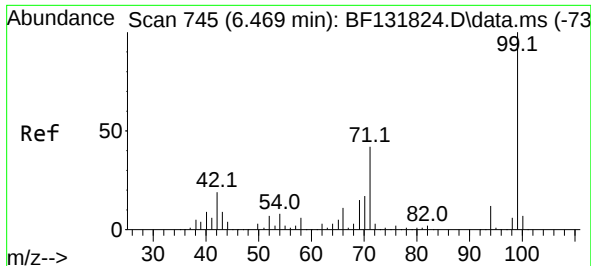


#5
2-Fluorophenol
Concen: 65.113 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF131952.D
Acq: 06 Jan 2023 21:12



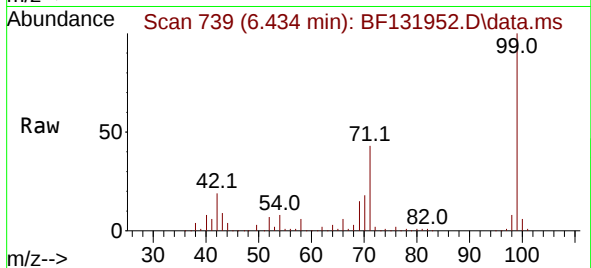
Tgt Ion:112 Resp: 243796
Ion Ratio Lower Upper
112 100
64 64.6 49.2 73.8
63 35.1 27.5 41.3



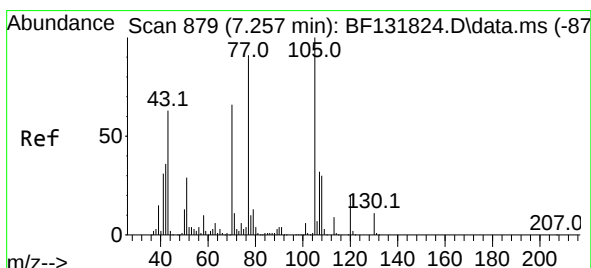
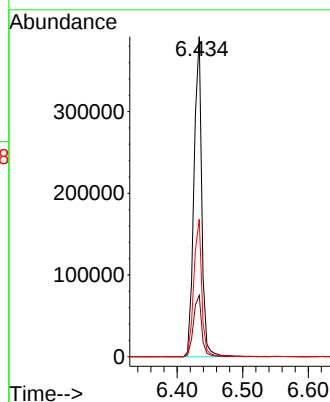
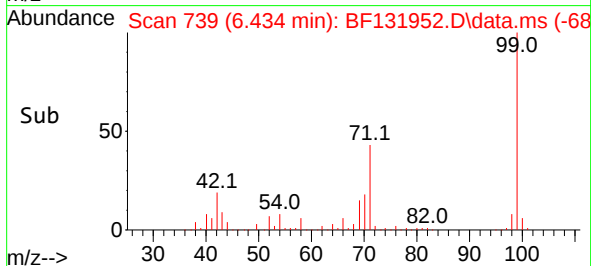


#7
Phenol-d6
Concen: 65.881 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131952.D
Acq: 06 Jan 2023 21:12

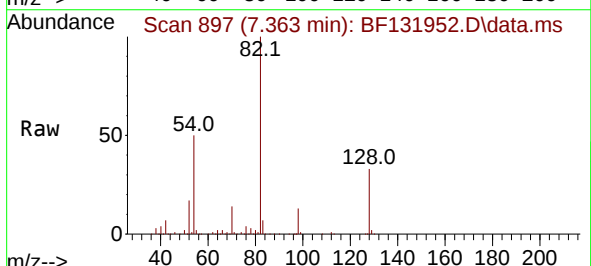
Instrument :
BNA_F
ClientSampleId :



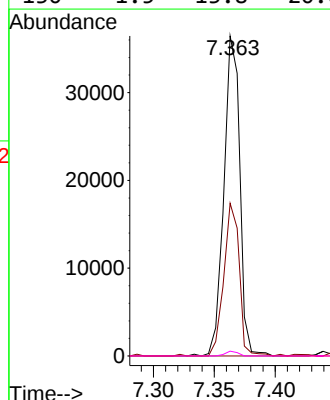
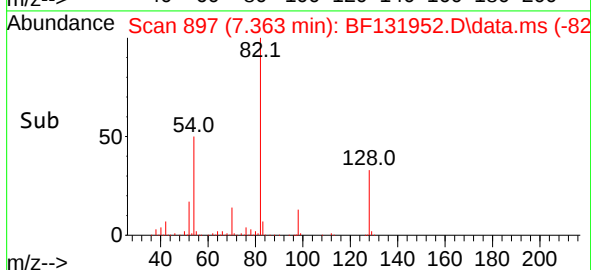
Tgt Ion: 99 Resp: 324084
Ion Ratio Lower Upper
99 100
42 19.1 15.3 22.9
71 43.0 33.5 50.3

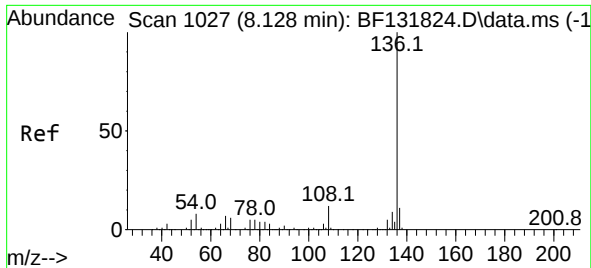


#19
n-Nitroso-di-n-propylamine
Concen: 9.570 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF131952.D
Acq: 06 Jan 2023 21:12



Tgt Ion: 70 Resp: 33247
Ion Ratio Lower Upper
70 100
42 47.7 43.8 65.6
101 0.0 7.4 11.0#
130 1.5 13.8 20.6#

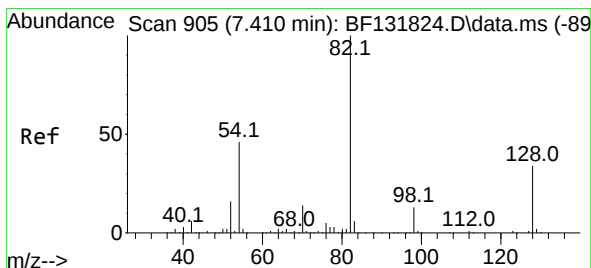
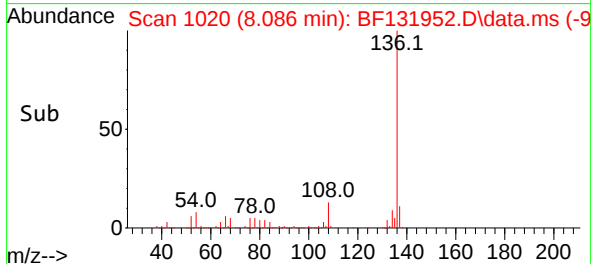
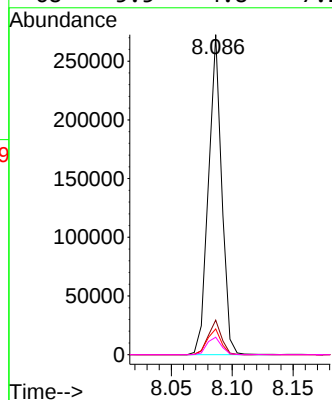
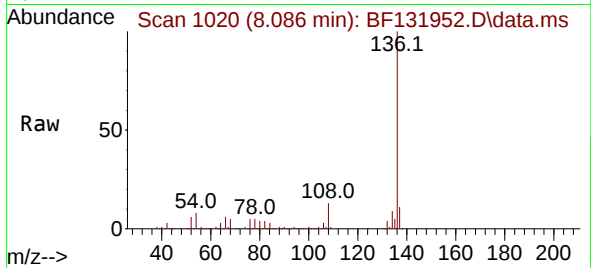




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131952.D
Acq: 06 Jan 2023 21:12

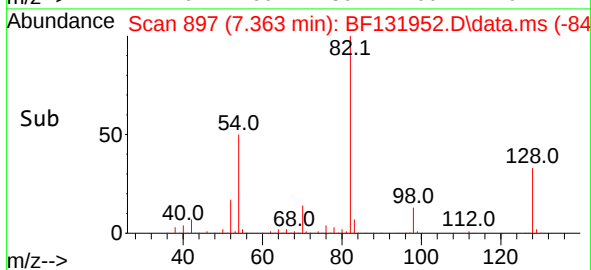
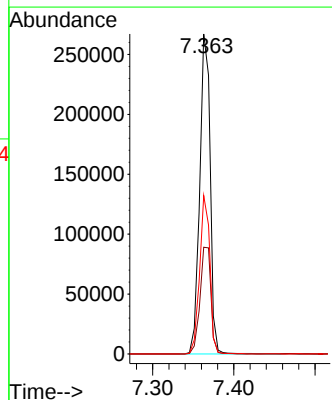
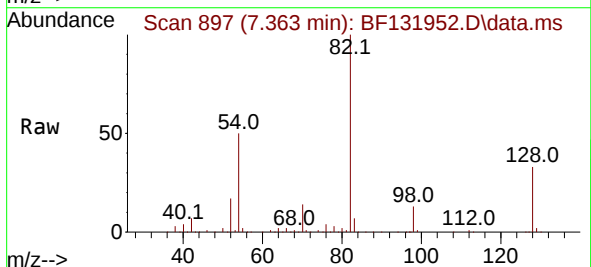
Instrument :
BNA_F
ClientSampleId :

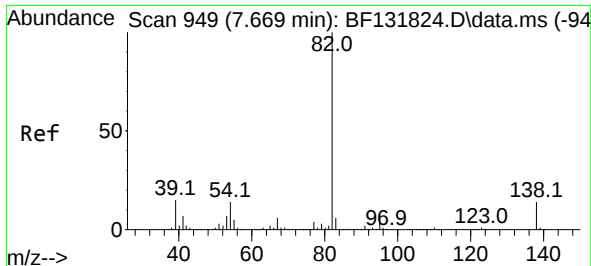
Tgt Ion:136 Resp: 205862
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.0 6.7 10.1
68 5.5 4.8 7.2



#23
Nitrobenzene-d5
Concen: 46.597 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF131952.D
Acq: 06 Jan 2023 21:12

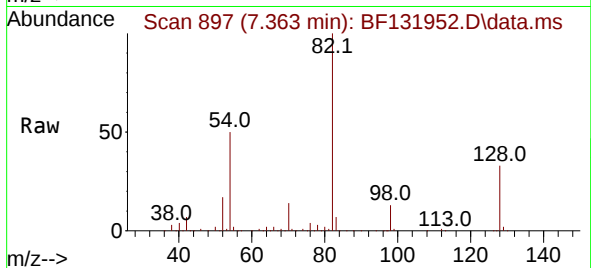
Tgt Ion: 82 Resp: 240258
Ion Ratio Lower Upper
82 100
128 33.3 27.1 40.7
54 49.5 37.0 55.6



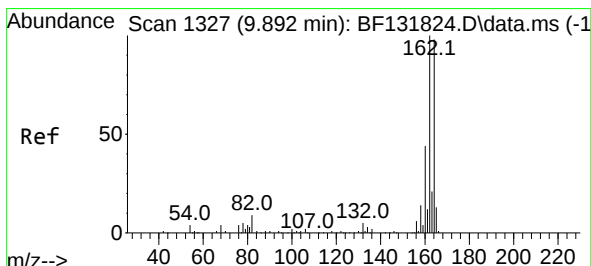
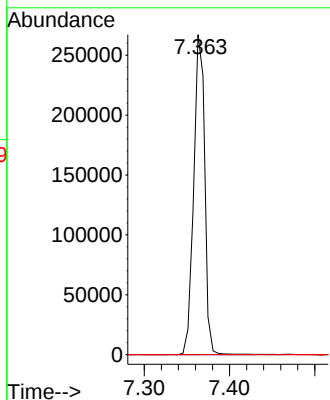
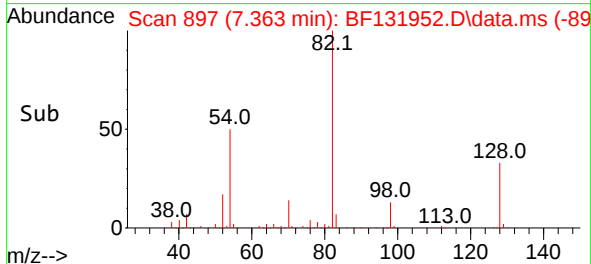


#25
Isophorone
Concen: 28.533 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF131952.D
Acq: 06 Jan 2023 21:12

Instrument :
BNA_F
ClientSampleId :

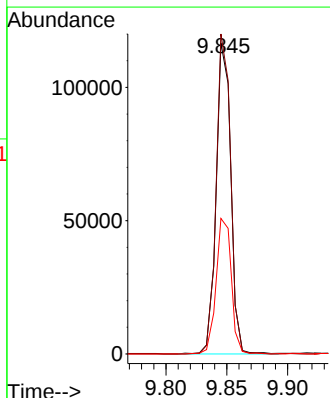
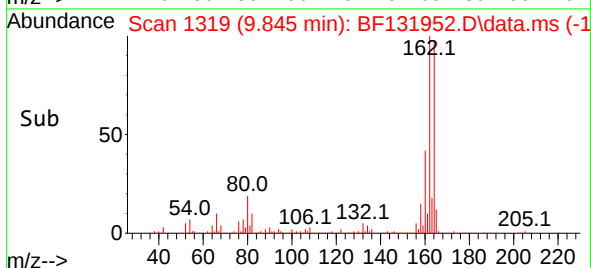
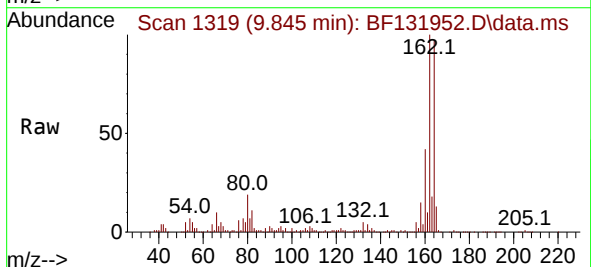


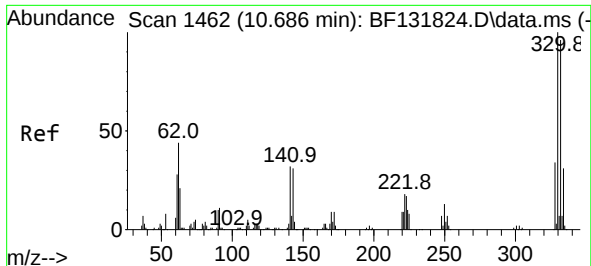
Tgt Ion: 82 Resp: 240255
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131952.D
Acq: 06 Jan 2023 21:12

Tgt Ion: 164 Resp: 97559
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.6
160 43.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 58.175 ng

RT: 10.645 min Scan# 1462

Delta R.T. -0.000 min

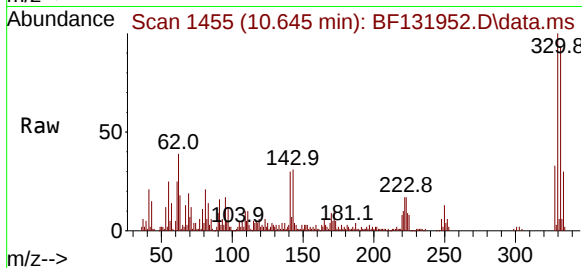
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Acq: 06 Jan 2023 21:12

Instrument :

BNA_F

ClientSampleId :



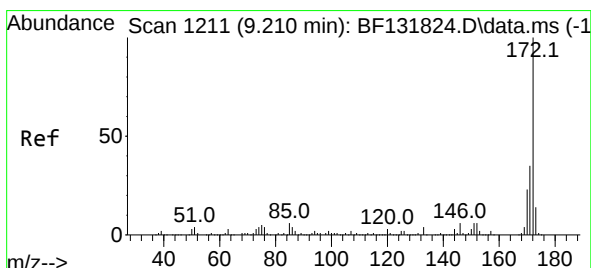
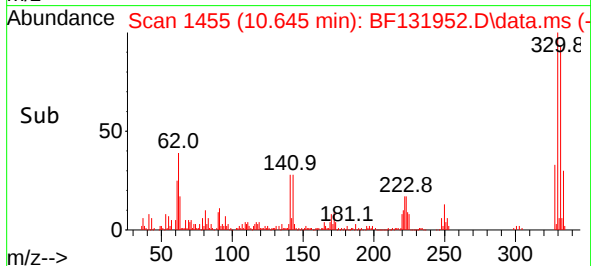
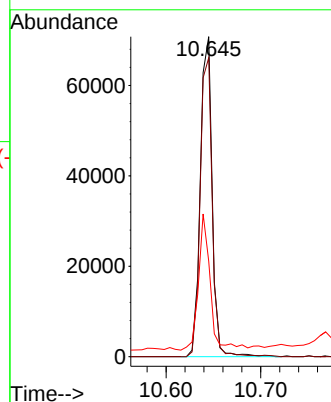
Tgt Ion:330 Resp: 61664

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.4

141 42.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 53.413 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF131952.D

Acq: 06 Jan 2023 21:12

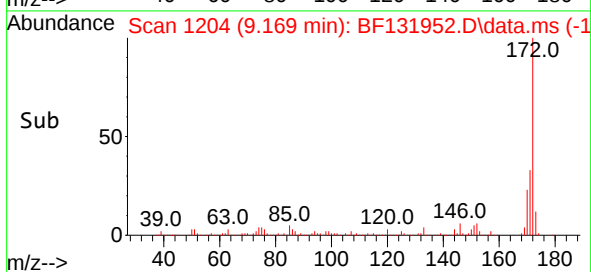
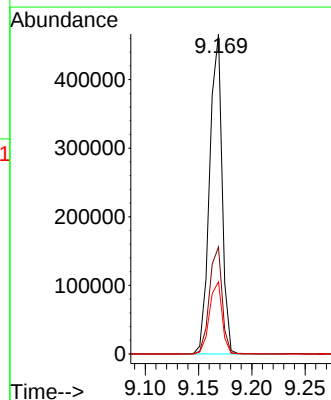
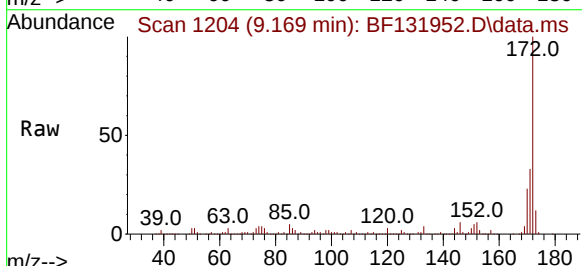
Tgt Ion:172 Resp: 380431

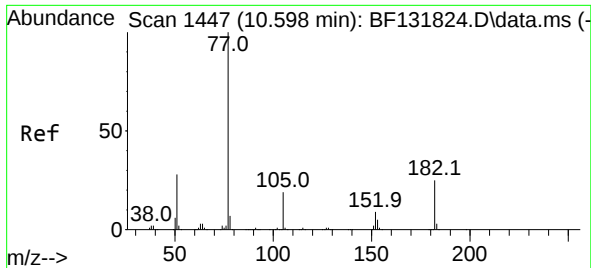
Ion Ratio Lower Upper

172 100

171 33.4 27.9 41.9

170 22.5 18.7 28.1

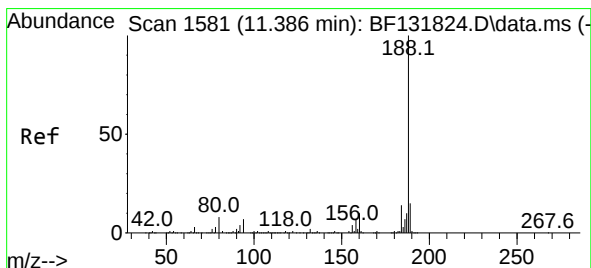
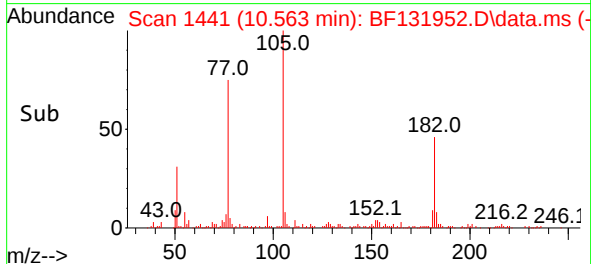
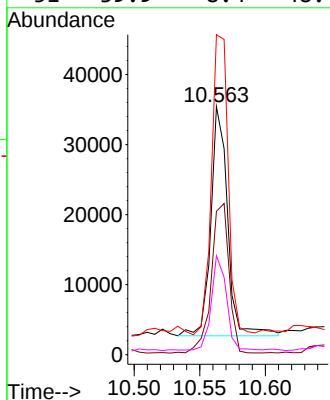
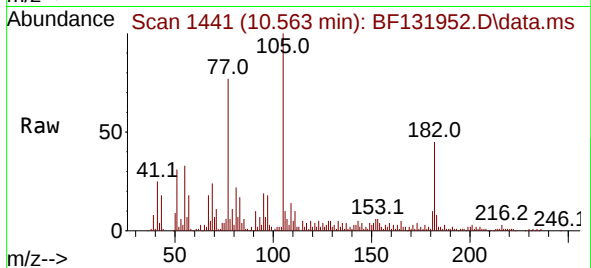




#63
Azobenzene
Concen: 3.717 ng
RT: 10.563 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF131952.D
Acq: 06 Jan 2023 21:12

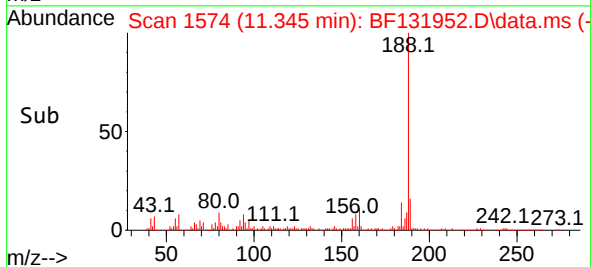
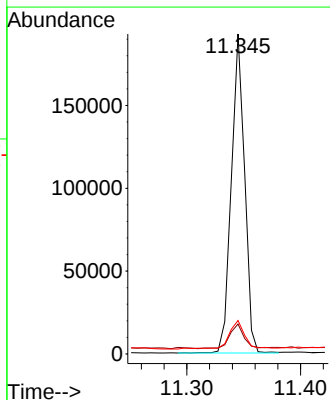
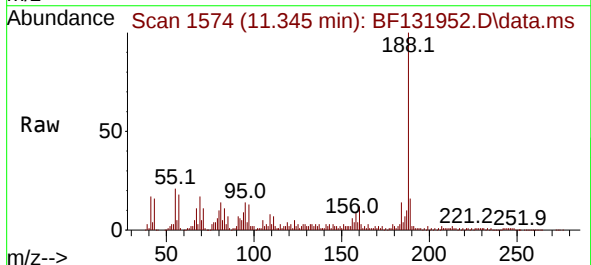
Instrument :
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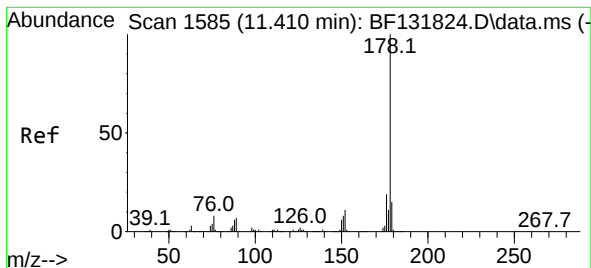
Tgt Ion: 77	Resp: 29305
Ion Ratio	Lower Upper
77 100	
182 57.8	5.0 45.0#
105 129.1	0.0 39.4#
51 39.9	8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF131952.D
Acq: 06 Jan 2023 21:12

Tgt Ion: 188	Resp: 155825
Ion Ratio	Lower Upper
188 100	
94 9.3	5.8 8.6#
80 10.5	6.7 10.1#





#71

Phenanthrene

Concen: 5.195 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131952.D

Acq: 06 Jan 2023 21:12

Instrument :

BNA_F

ClientSampleId :

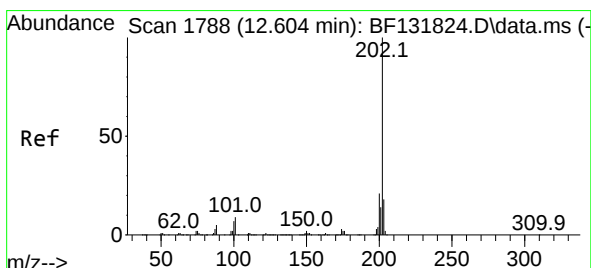
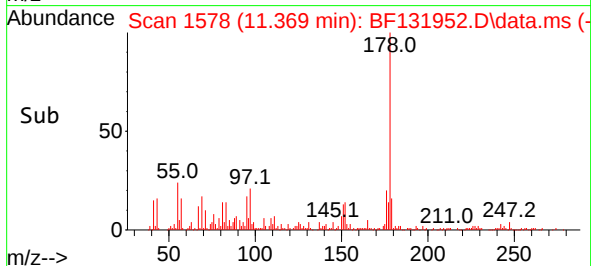
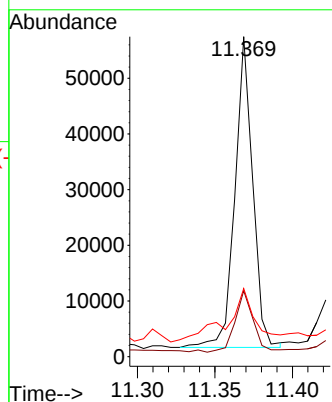
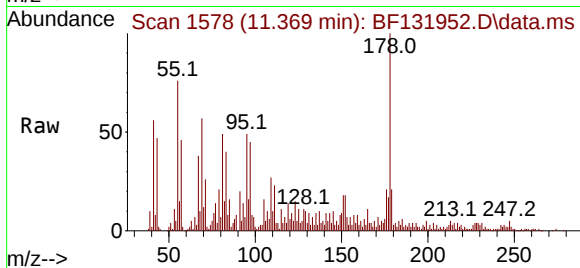
Tgt Ion:178 Resp: 44514

Ion Ratio Lower Upper

178 100

176 20.6 15.5 23.3

179 21.3 12.2 18.4#



#75

Fluoranthene

Concen: 9.003 ng

RT: 12.574 min Scan# 1783

Delta R.T. 0.012 min

Lab File: BF131952.D

Acq: 06 Jan 2023 21:12

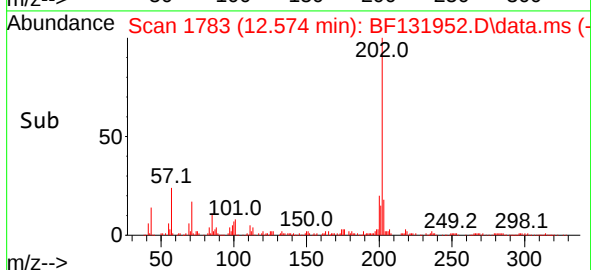
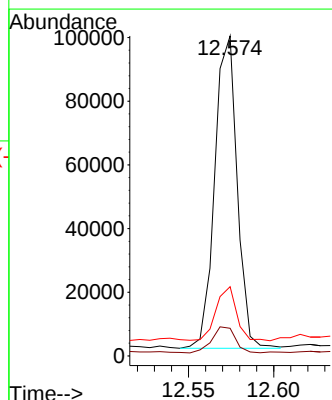
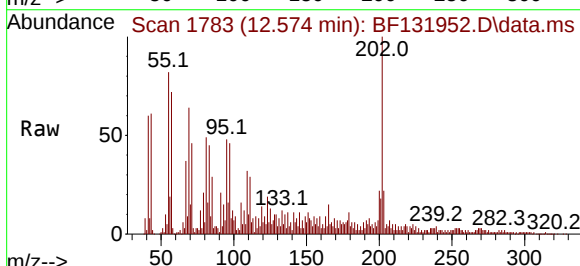
Tgt Ion:202 Resp: 89858

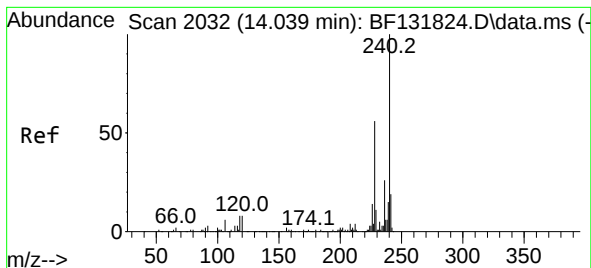
Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.6

203 21.7 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2032

Delta R.T. 0.018 min

Lab File: BF131952.D

Acq: 06 Jan 2023 21:12

Instrument :

BNA_F

ClientSampleId :

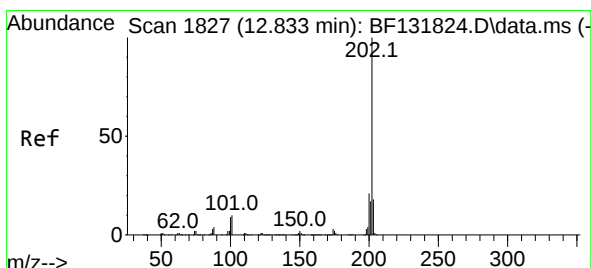
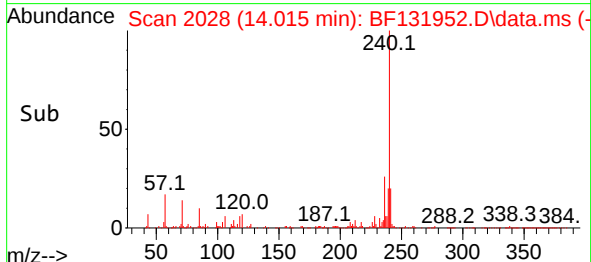
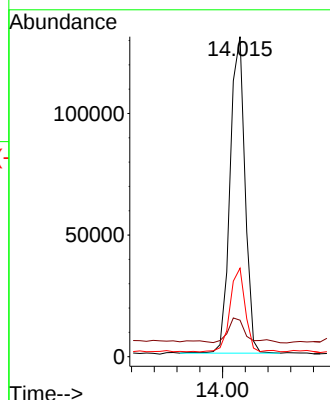
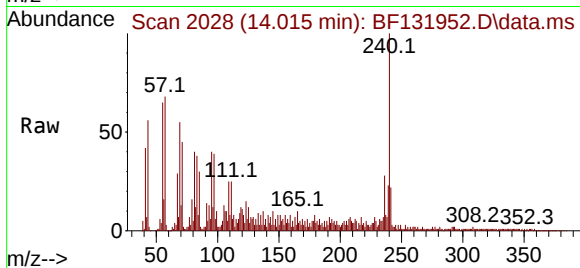
Tgt Ion:240 Resp: 118810

Ion Ratio Lower Upper

240 100

120 11.4 6.7 10.1#

236 27.6 20.6 31.0



#78

Pyrene

Concen: 8.493 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.012 min

Lab File: BF131952.D

Acq: 06 Jan 2023 21:12

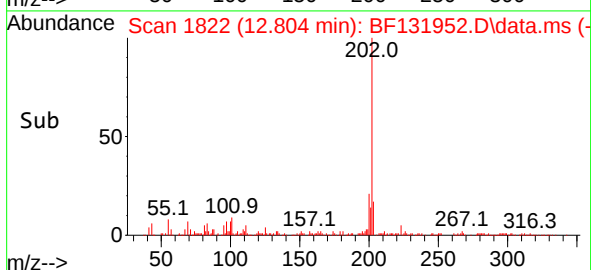
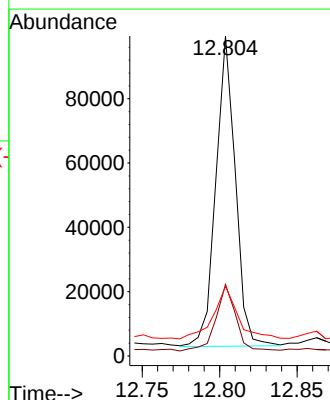
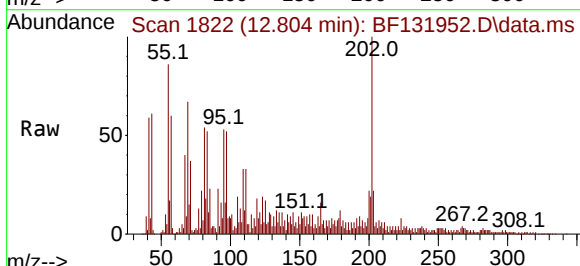
Tgt Ion:202 Resp: 84577

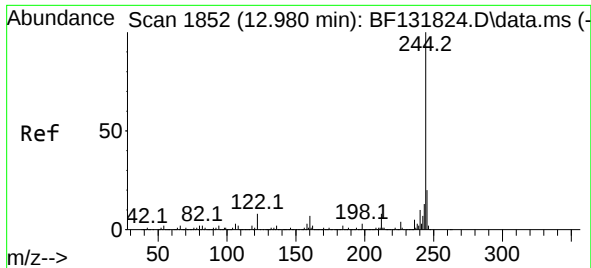
Ion Ratio Lower Upper

202 100

200 22.4 16.7 25.1

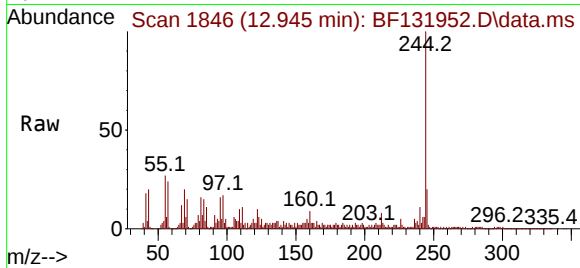
203 21.8 14.4 21.6#



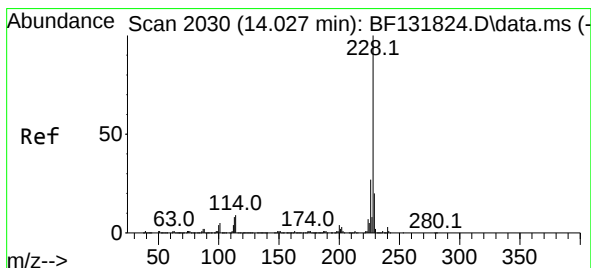
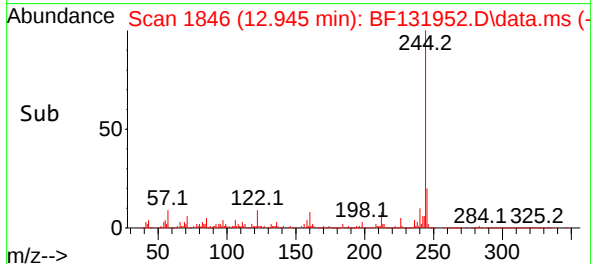
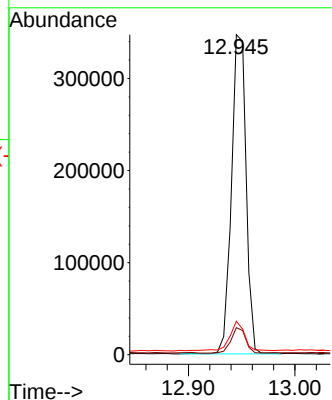


#79
 Terphenyl-d14
 Concen: 47.342 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF131952.D
 Acq: 06 Jan 2023 21:12

Instrument :
 BNA_F
 ClientSampleId :

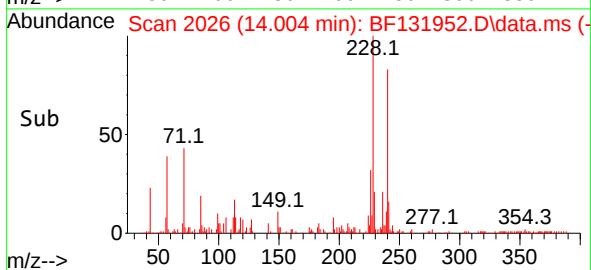
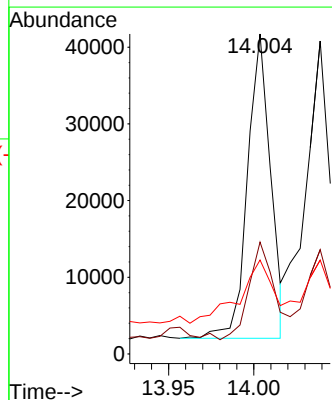
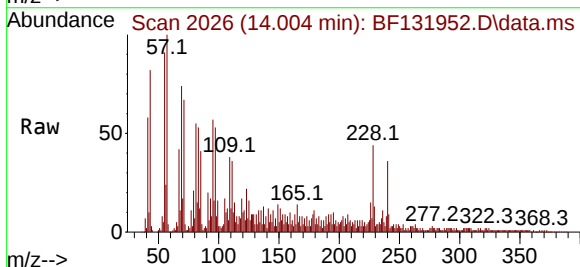


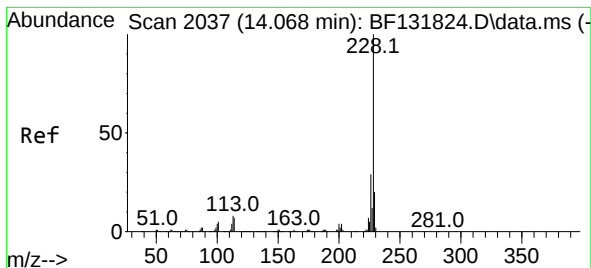
Tgt Ion:244 Resp: 332525
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.3 9.5
 122 10.5 6.4 9.6#



#81
 Benzo(a)anthracene
 Concen: 4.359 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. 0.018 min
 Lab File: BF131952.D
 Acq: 06 Jan 2023 21:12

Tgt Ion:228 Resp: 37498
 Ion Ratio Lower Upper
 228 100
 226 35.0 22.0 33.0#
 229 29.3 16.0 24.0#





#83

Chrysene

Concen: 4.378 ng

RT: 14.039 min Scan# 2037

Delta R.T. 0.012 min

Lab File: BF131952.D

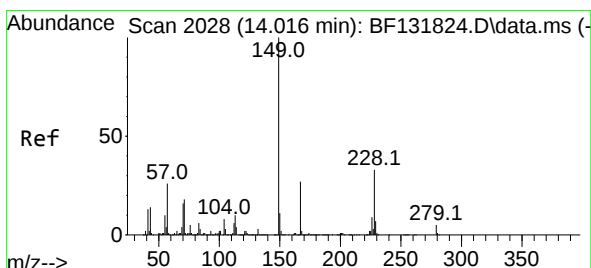
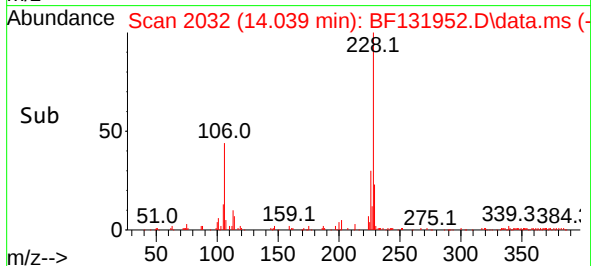
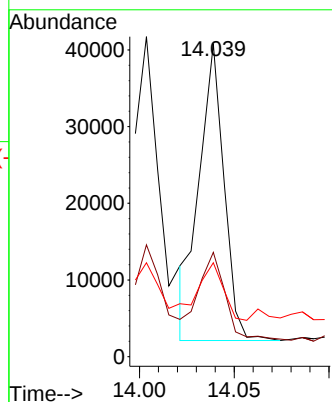
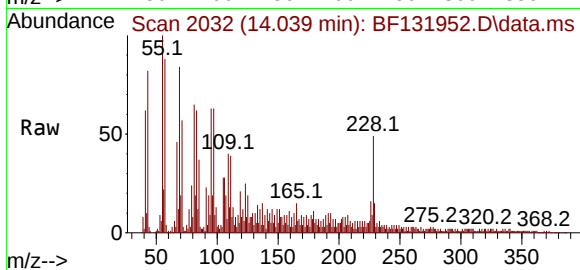
Acq: 06 Jan 2023 21:12

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228	Resp:	35386
Ion Ratio	Lower	Upper
228	100	
226	33.4	23.5 35.3
229	30.0	16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.658 ng

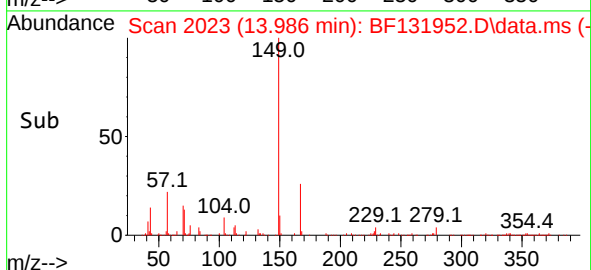
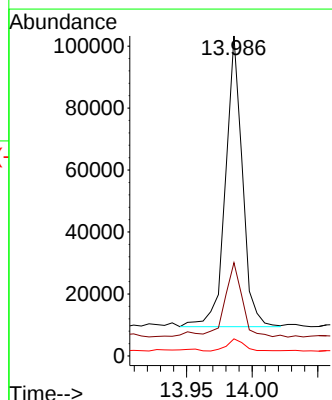
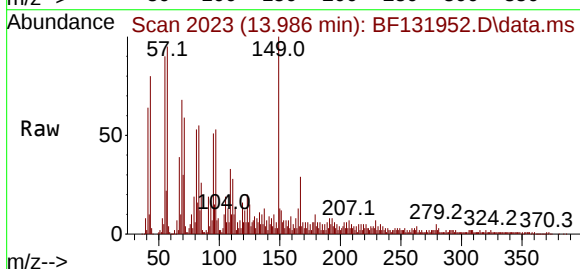
RT: 13.986 min Scan# 2023

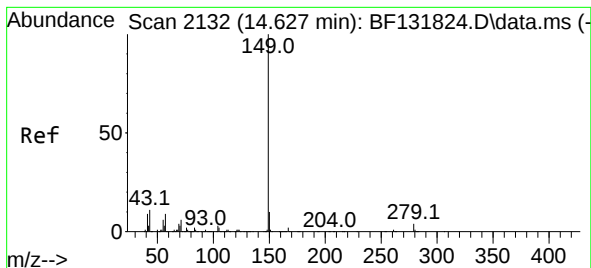
Delta R.T. 0.012 min

Lab File: BF131952.D

Acq: 06 Jan 2023 21:12

Tgt Ion:149	Resp:	83912
Ion Ratio	Lower	Upper
149	100	
167	29.1	21.8 32.6
279	5.4	3.9 5.9





#85

Di-n-octyl phthalate

Concen: 2.607 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.018 min

Lab File: BF131952.D

Acq: 06 Jan 2023 21:12

Instrument :

BNA_F

ClientSampleId :

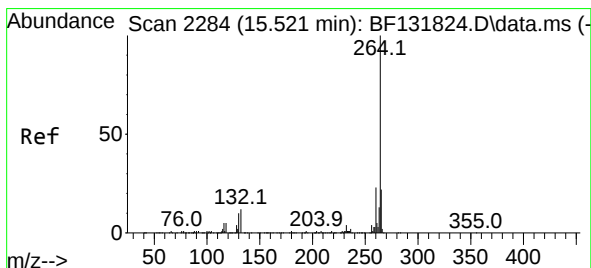
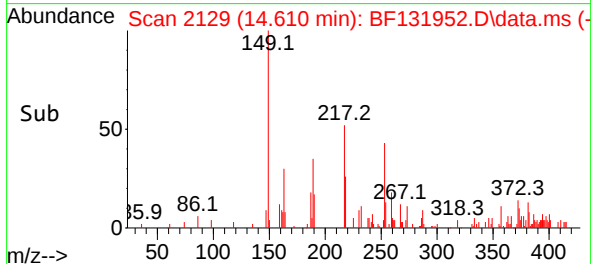
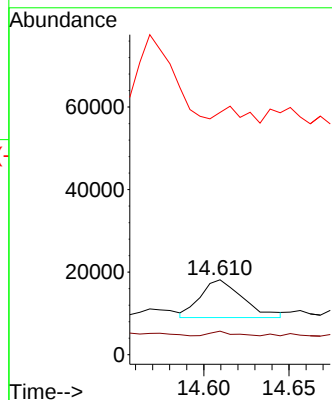
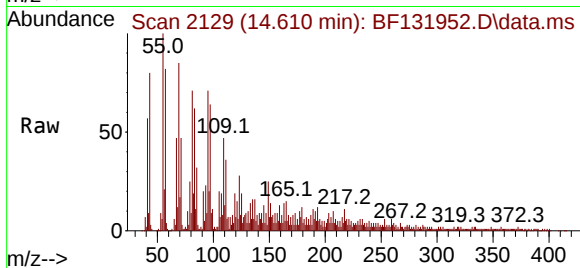
Tgt Ion:149 Resp: 15785

Ion Ratio Lower Upper

149 100

167 6.4 1.2 1.8#

43 0.0 8.1 12.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.023 min

Lab File: BF131952.D

Acq: 06 Jan 2023 21:12

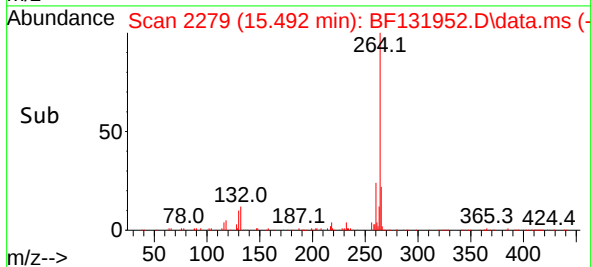
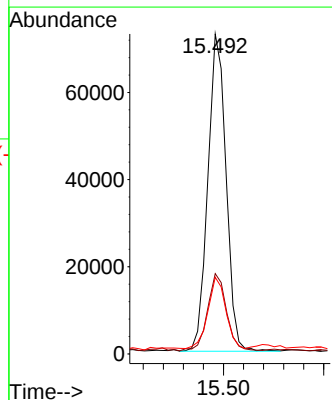
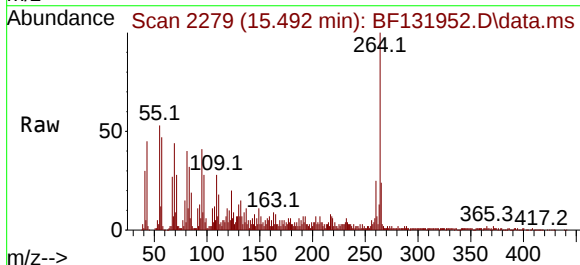
Tgt Ion:264 Resp: 92017

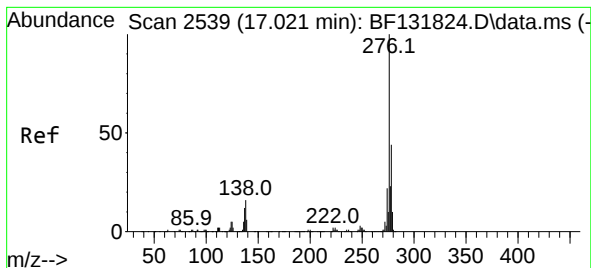
Ion Ratio Lower Upper

264 100

260 25.1 18.6 28.0

265 24.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.328 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF131952.D

Acq: 06 Jan 2023 21:12

Instrument :

BNA_F

ClientSampleId :

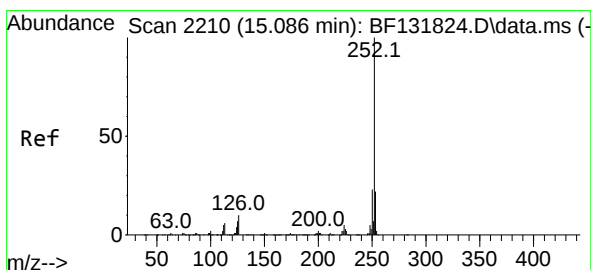
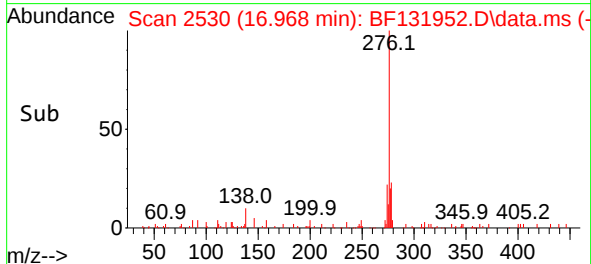
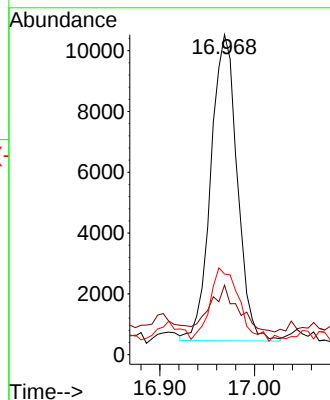
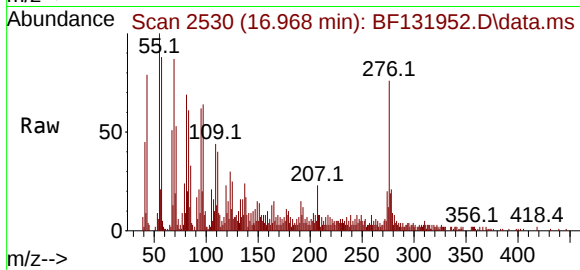
Tgt Ion:276 Resp: 19455

Ion Ratio Lower Upper

276 100

138 15.9 14.5 21.7

277 26.4 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 8.610 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.023 min

Lab File: BF131952.D

Acq: 06 Jan 2023 21:12

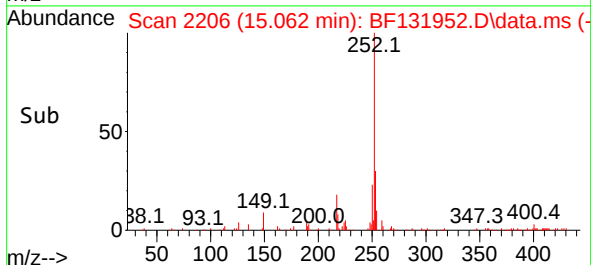
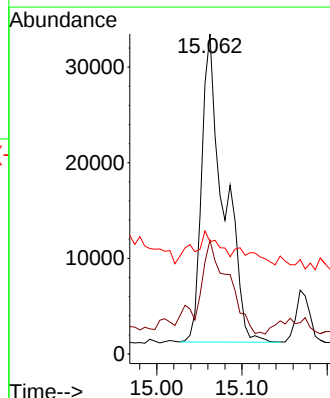
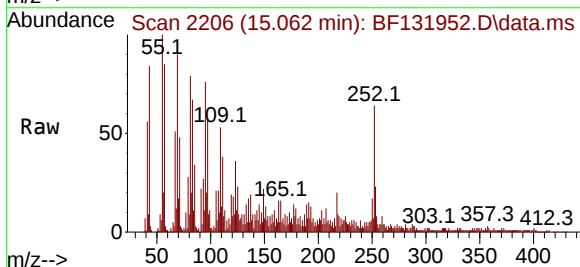
Tgt Ion:252 Resp: 58095

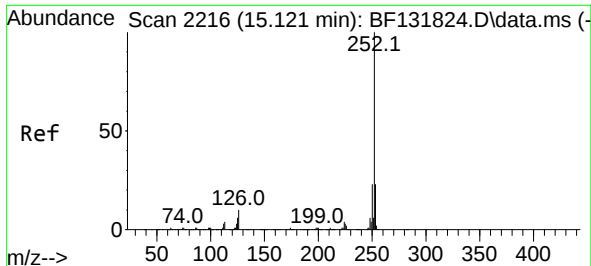
Ion Ratio Lower Upper

252 100

253 35.6 17.6 26.4#

125 35.1 5.8 8.8#





#89

Benzo(k)fluoranthene

Concen: 8.912 ng

RT: 15.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131952.D

Acq: 06 Jan 2023 21:12

Instrument :

BNA_F

ClientSampleId :

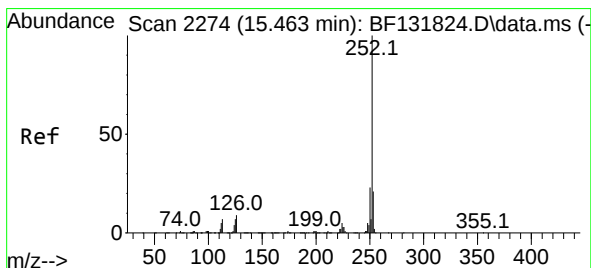
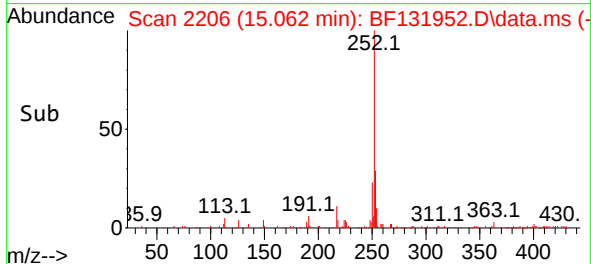
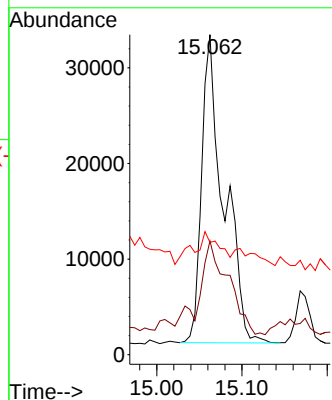
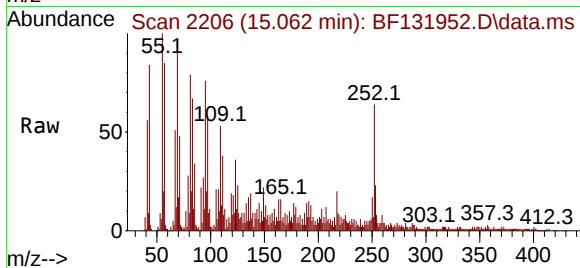
Tgt Ion:252 Resp: 58095

Ion Ratio Lower Upper

252 100

253 35.6 17.7 26.5#

125 35.1 5.4 8.0#



#90

Benzo(a)pyrene

Concen: 5.279 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.018 min

Lab File: BF131952.D

Acq: 06 Jan 2023 21:12

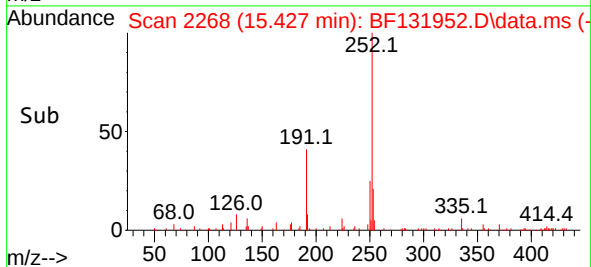
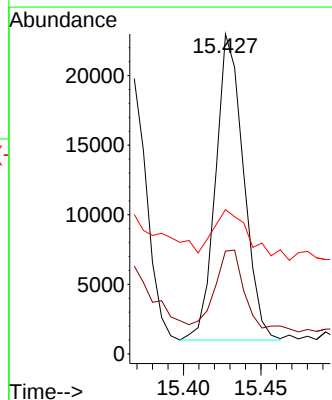
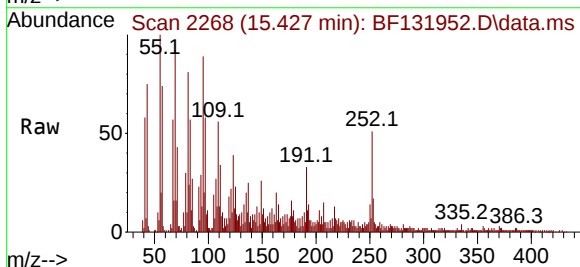
Tgt Ion:252 Resp: 27576

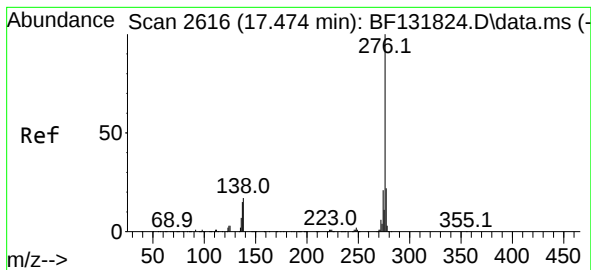
Ion Ratio Lower Upper

252 100

253 32.2 16.6 24.8#

125 45.1 5.8 8.8#





#92

Benzo(g,h,i)perylene

Concen: 10.755 ng

RT: 17.415 min Scan# 20

Delta R.T. 0.018 min

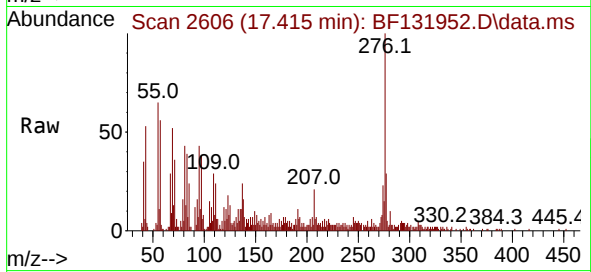
Lab File: BF131952.D

Acq: 06 Jan 2023 21:12

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 35020

Ion Ratio Lower Upper

276 100

277 28.7 17.9 26.9#

138 16.3 13.7 20.5

