

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131933.D
 Acq On : 06 Jan 2023 00:50
 Operator : CG\JU
 Sample : N6243-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Quant Time: Jan 06 02:53:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

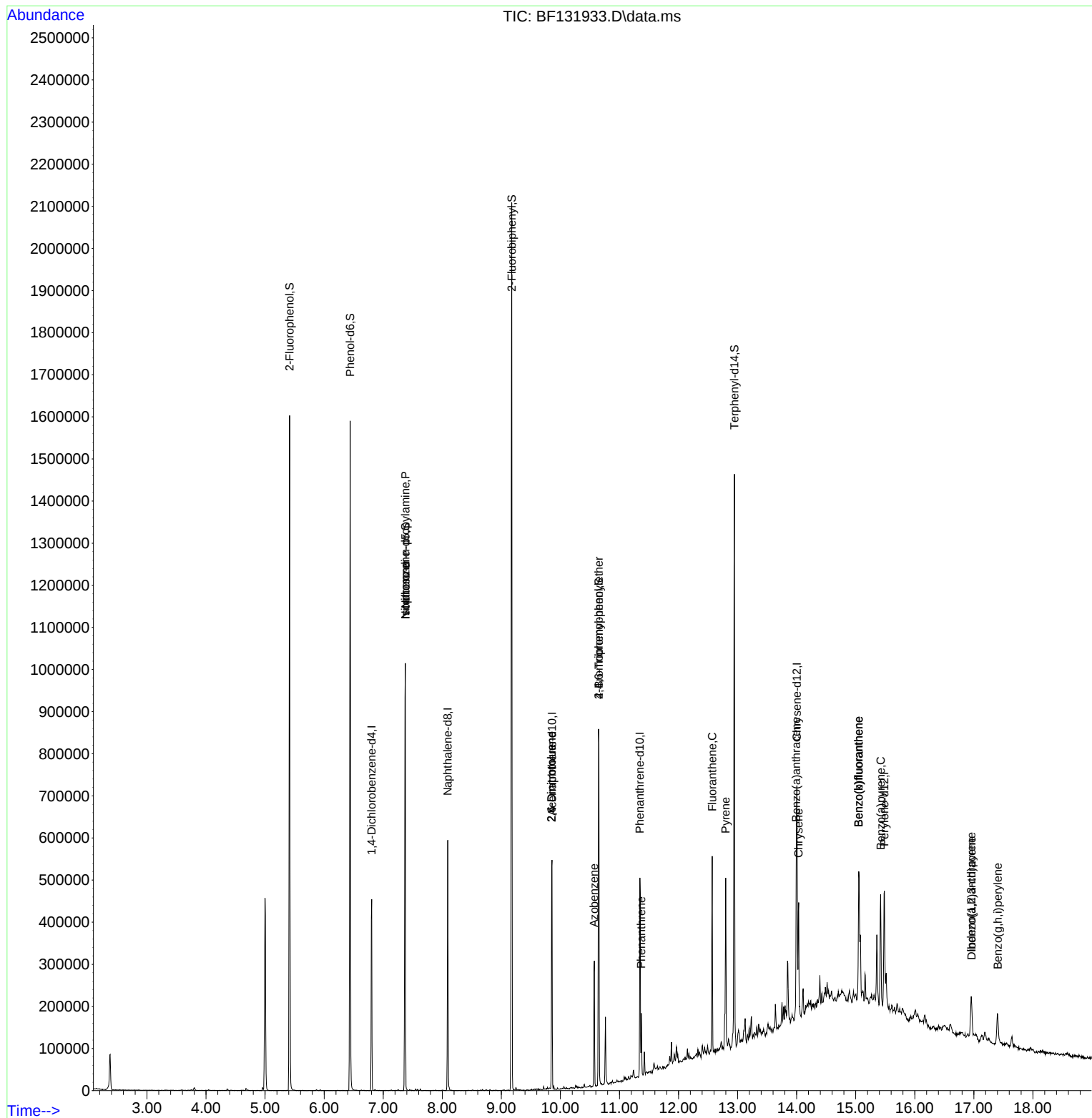
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	62429	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	217141	20.000	ng	-0.02
39) Acenaphthene-d10	9.857	164	111451	20.000	ng	-0.02
64) Phenanthrene-d10	11.345	188	168831	20.000	ng	#-0.02
76) Chrysene-d12	14.004	240	137118	20.000	ng	-0.01
86) Perylene-d12	15.486	264	125722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	371010	98.487	ng	0.00
7) Phenol-d6	6.440	99	480979	97.182	ng	-0.01
23) Nitrobenzene-d5	7.375	82	348276	64.037	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	91045	75.187	ng	-0.02
45) 2-Fluorobiphenyl	9.175	172	572241	70.328	ng	-0.02
79) Terphenyl-d14	12.945	244	448708	55.354	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	49409	14.135	ng	# 75
25) Isophorone	7.375	82	346840	39.051	ng	# 69
51) 2,6-Dinitrotoluene	9.851	165	13861	7.594	ng	# 17
57) 2,4-Dinitrotoluene	9.851	165	13861	5.553	ng	# 17
63) Azobenzene	10.569	77	55161	6.125	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	6325	3.232	ng	# 1
71) Phenanthrene	11.369	178	49662	5.349	ng	97
75) Fluoranthene	12.569	202	169787	15.700	ng	98
78) Pyrene	12.798	202	158668	13.806	ng	98
81) Benzo(a)anthracene	13.992	228	135048	13.603	ng	99
83) Chrysene	14.033	228	113689	12.187	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	59975	7.509	ng	97
88) Benzo(b)fluoranthene	15.051	252	223717	24.268	ng	98
89) Benzo(k)fluoranthene	15.051	252	223717	25.117	ng	98
90) Benzo(a)pyrene	15.421	252	120273	16.852	ng	97
91) Dibenzo(a,h)anthracene	16.962	278	15710	2.401	ng	# 88
92) Benzo(g,h,i)perylene	17.404	276	55868	11.678	ng	98

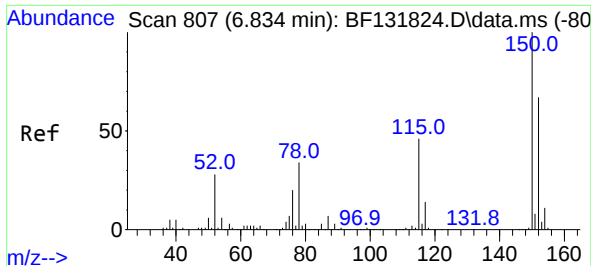
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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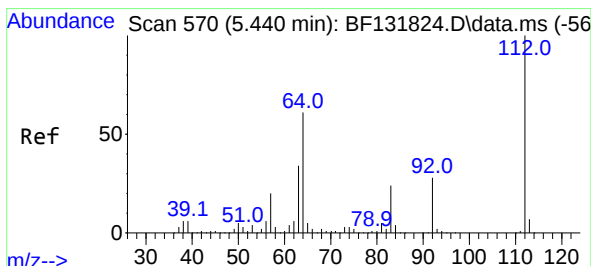
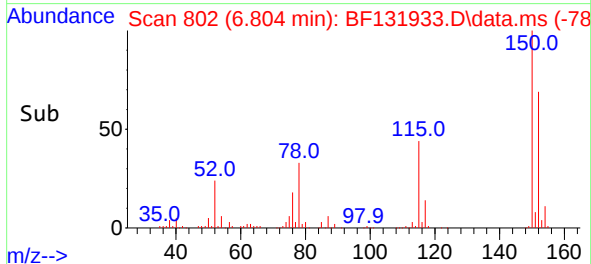
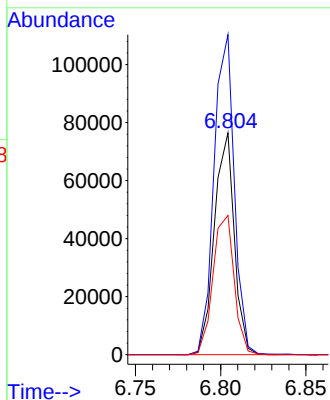
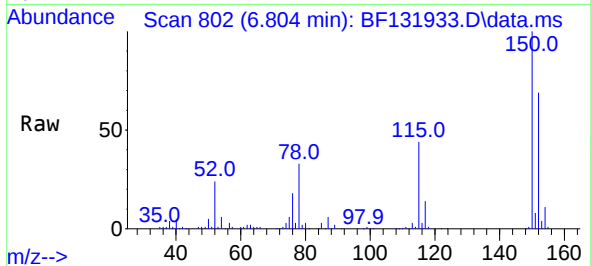




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

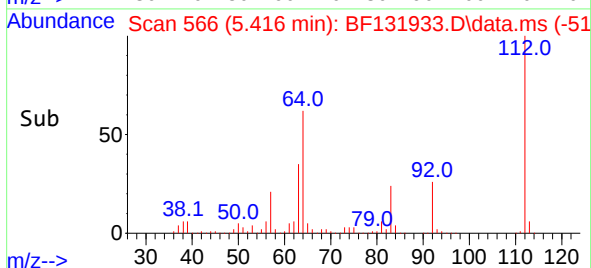
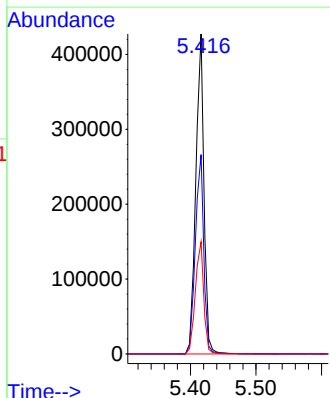
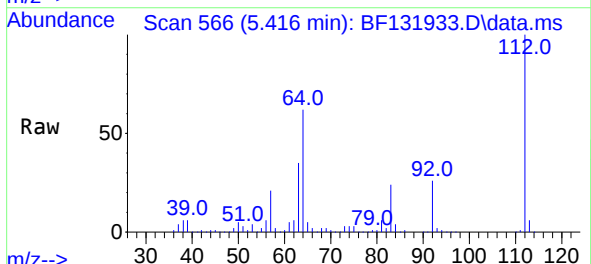
Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:152 Resp: 62429
Ion Ratio Lower Upper
152 100
150 144.3 120.0 180.0
115 62.8 55.1 82.7

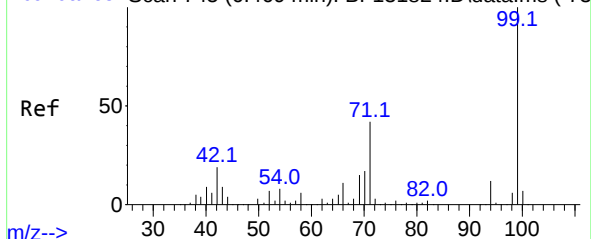


#5
2-Fluorophenol
Concen: 98.487 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

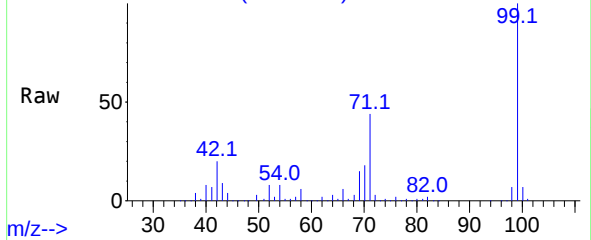
Tgt Ion:112 Resp: 371010
Ion Ratio Lower Upper
112 100
64 62.3 49.2 73.8
63 35.1 27.5 41.3



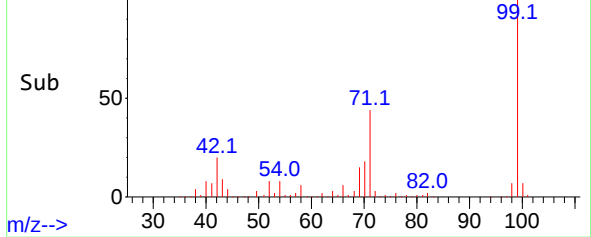
Abundance Scan 745 (6.469 min): BF131824.D\data.ms (-73



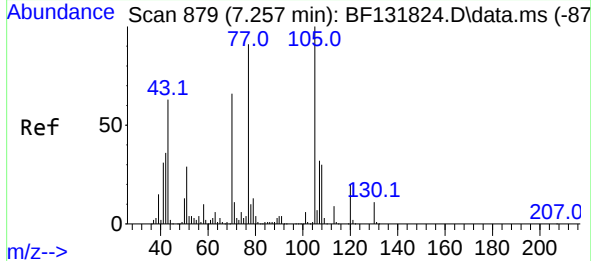
m/z--> Scan 740 (6.440 min): BF131933.D\data.ms



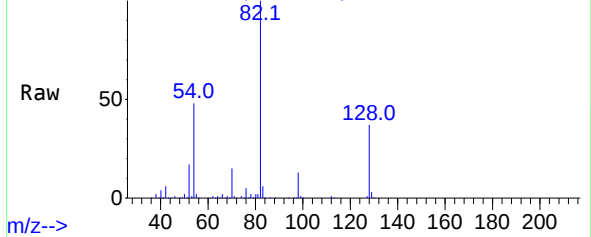
Abundance Scan 740 (6.440 min): BF131933.D\data.ms (-69



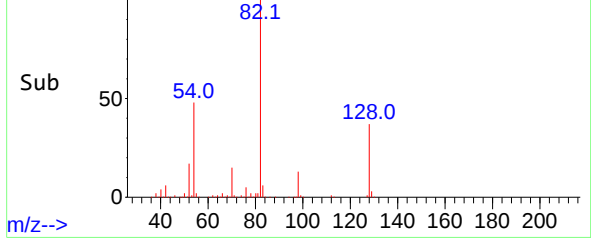
m/z--> Scan 879 (7.257 min): BF131824.D\data.ms (-87



m/z--> Scan 899 (7.375 min): BF131933.D\data.ms



Abundance Scan 899 (7.375 min): BF131933.D\data.ms (-82



m/z--> Time-->

#7

Phenol-d6

Concen: 97.182 ng

RT: 6.440 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF131933.D

Acq: 06 Jan 2023 00:50

Instrument :

BNA_F

ClientSampleId :

PE-3

Tgt Ion: 99 Resp: 480979

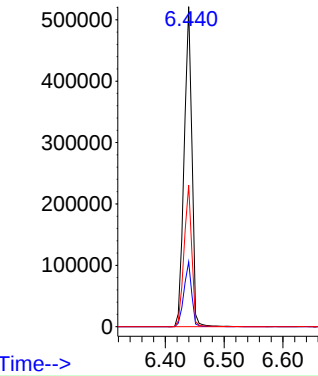
Ion Ratio Lower Upper

99 100

42 20.3 15.3 22.9

71 44.2 33.5 50.3

Abundance



#19

n-Nitroso-di-n-propylamine

Concen: 14.135 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.135 min

Lab File: BF131933.D

Acq: 06 Jan 2023 00:50

Tgt Ion: 70 Resp: 49409

Ion Ratio Lower Upper

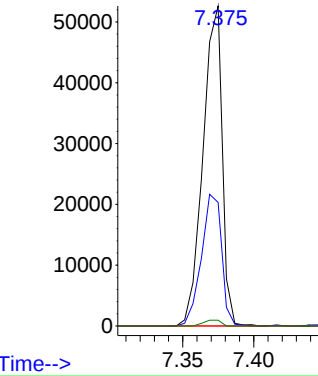
70 100

42 38.6 43.8 65.6#

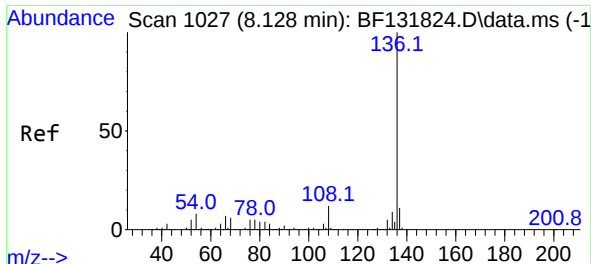
101 0.0 7.4 11.0#

130 1.8 13.8 20.6#

Abundance



Time-->

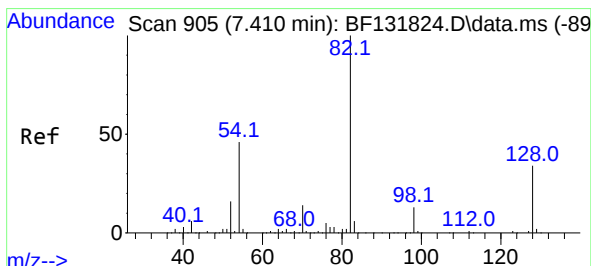
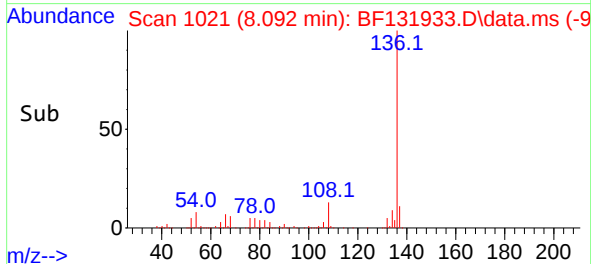
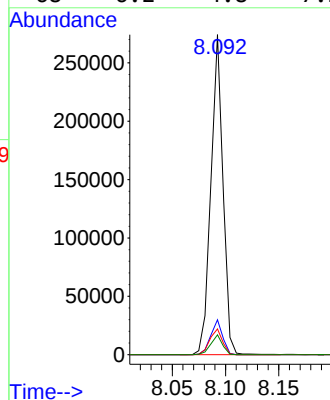
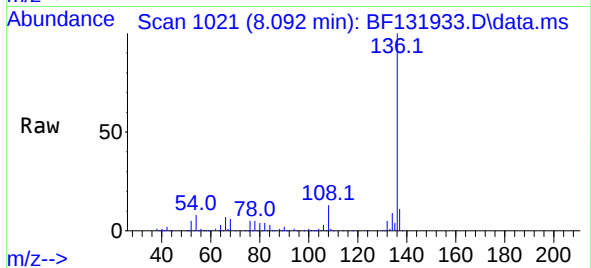


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:136 Resp: 217141

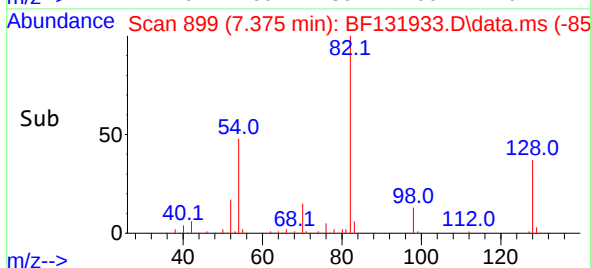
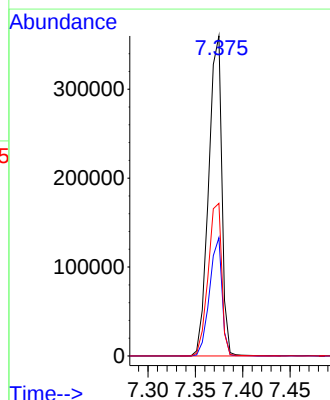
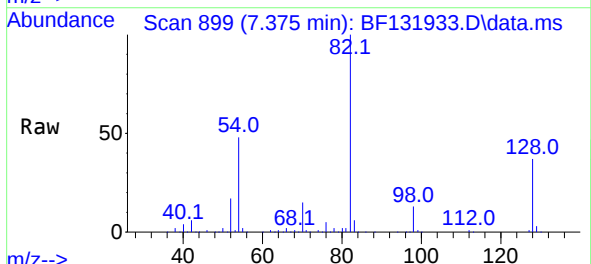
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.1	6.7	10.1
68	6.2	4.8	7.2

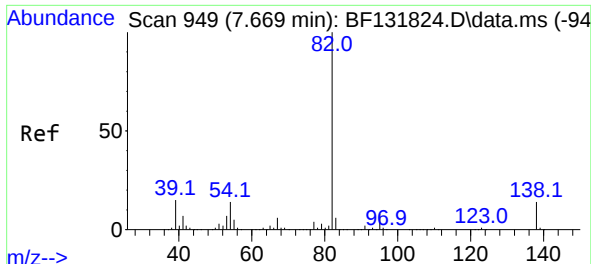


#23
Nitrobenzene-d5
Concen: 64.037 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

Tgt Ion: 82 Resp: 348276

Ion	Ratio	Lower	Upper
82	100		
128	36.9	27.1	40.7
54	47.7	37.0	55.6

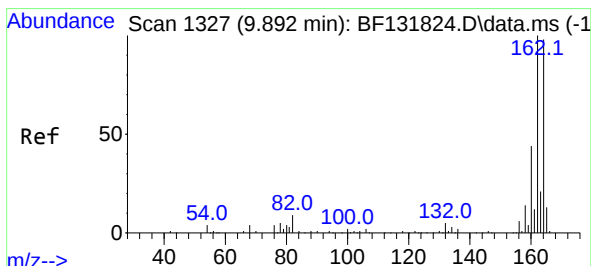
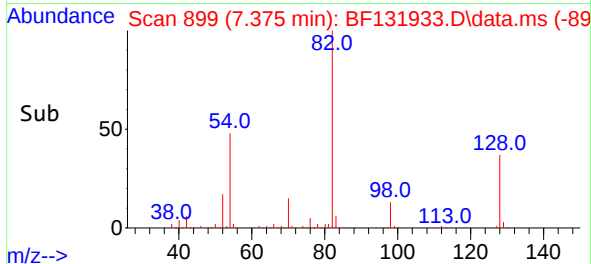
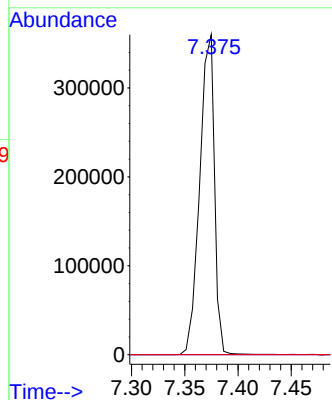
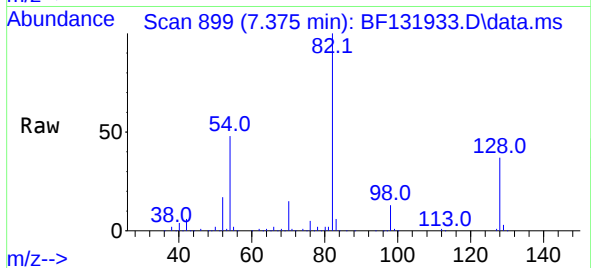




#25
Isophorone
Concen: 39.051 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.277 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

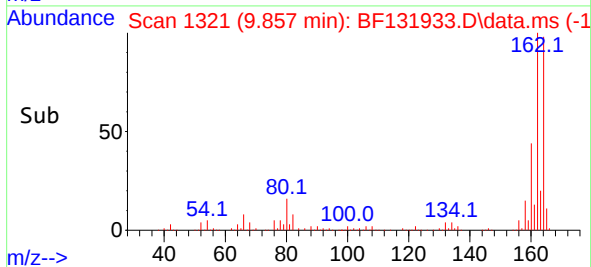
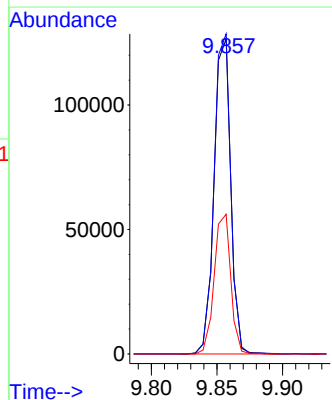
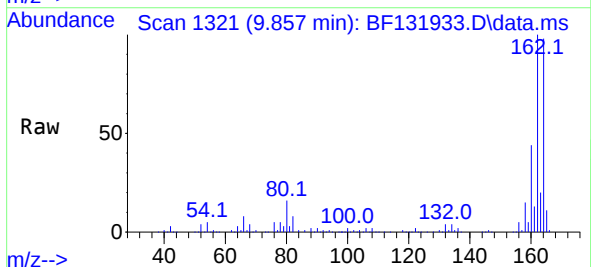
Instrument :
BNA_F
ClientSampleId :
PE-3

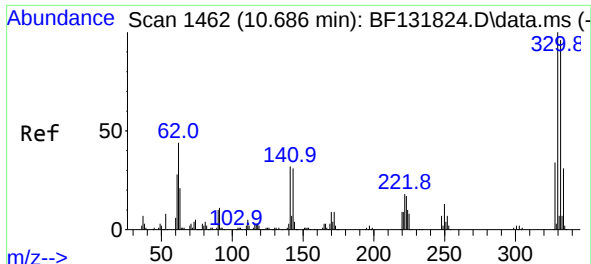
Tgt Ion: 82 Resp: 346840
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.018 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

Tgt Ion: 164 Resp: 111451
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.6
160 44.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 75.187 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.018 min

Lab File: BF131933.D

Acq: 06 Jan 2023 00:50

Instrument :

BNA_F

ClientSampleId :

PE-3

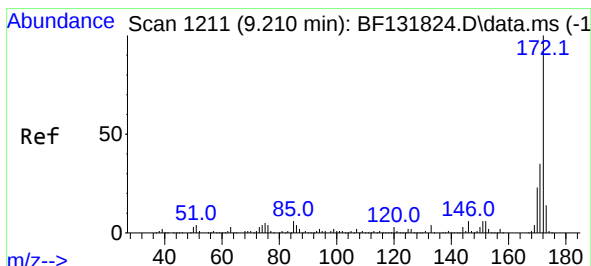
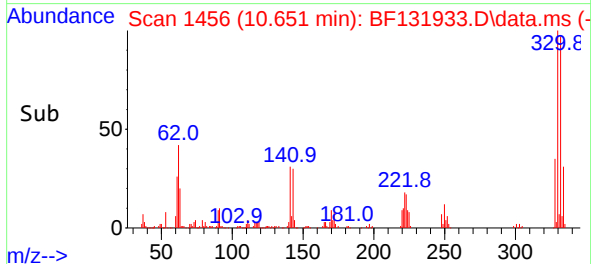
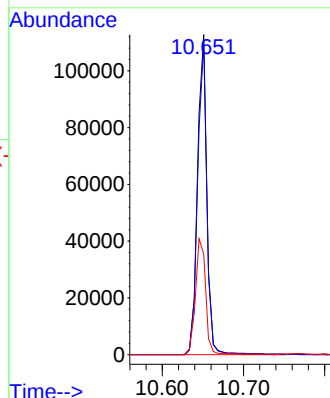
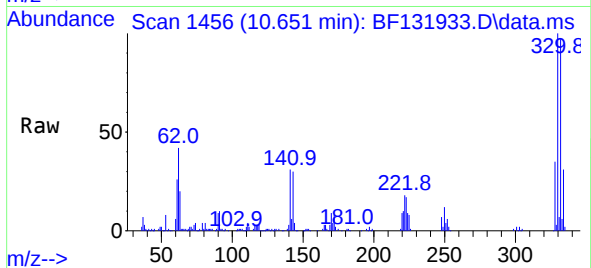
Tgt Ion:330 Resp: 91045

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.4

141 40.0 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 70.328 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.018 min

Lab File: BF131933.D

Acq: 06 Jan 2023 00:50

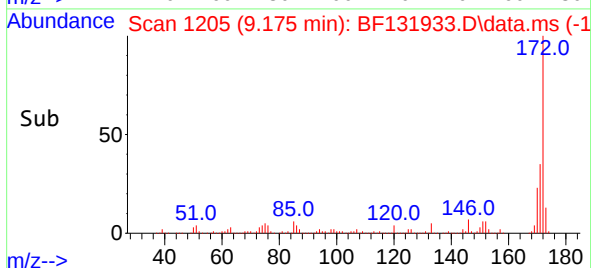
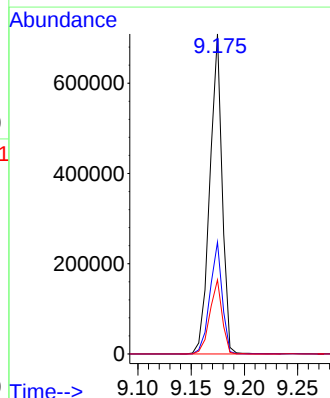
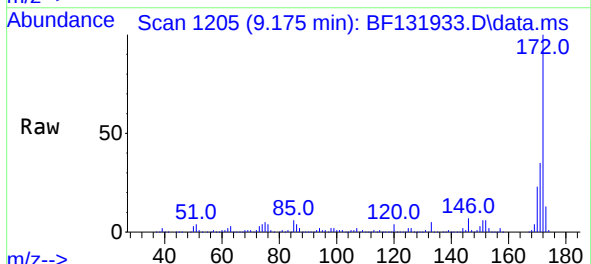
Tgt Ion:172 Resp: 572241

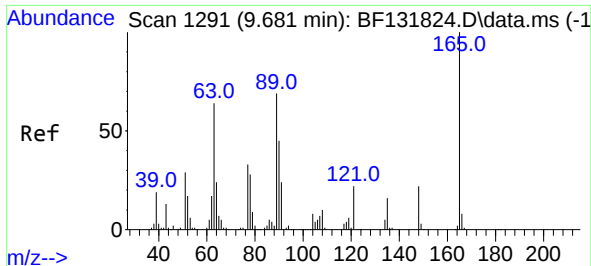
Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.2 18.7 28.1

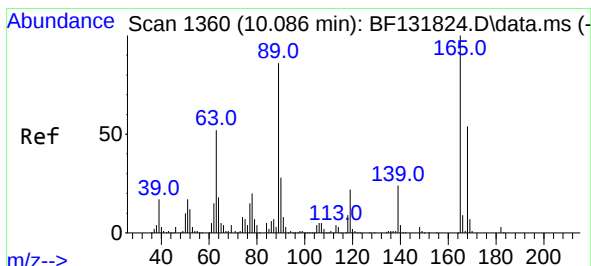
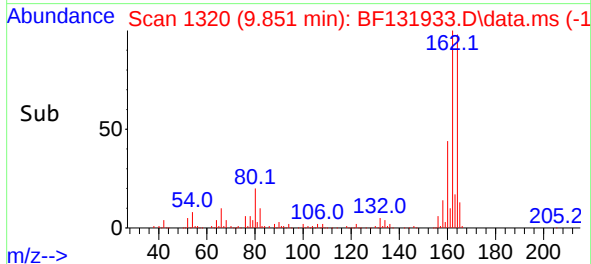
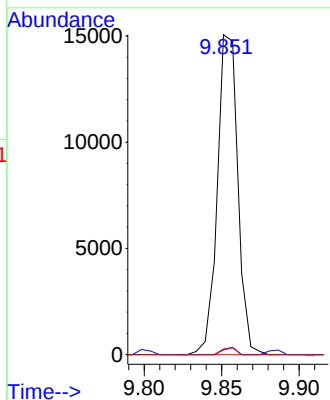
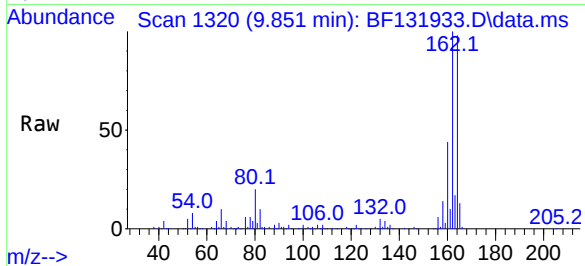




#51
2,6-Dinitrotoluene
Concen: 7.594 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

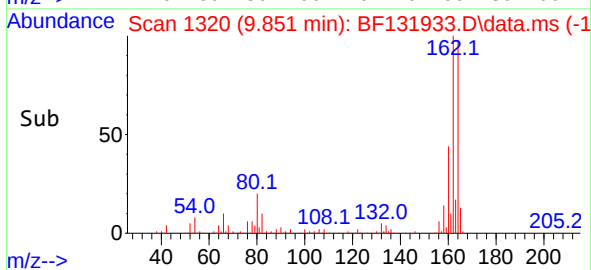
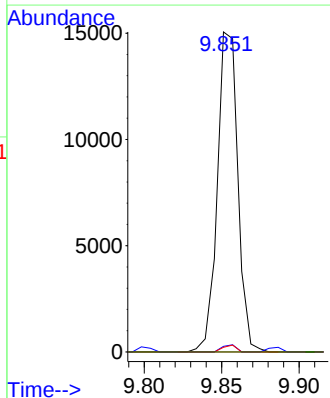
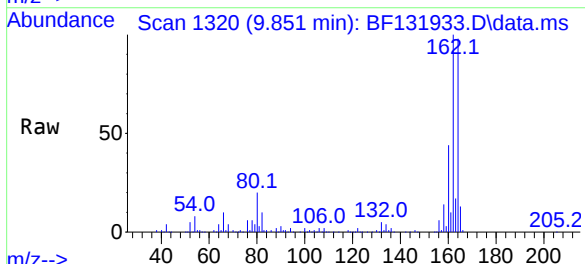
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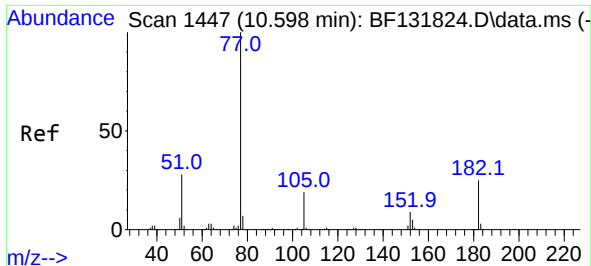
Tgt Ion:165 Resp: 13861
Ion Ratio Lower Upper
165 100
63 1.8 55.1 82.7#
89 1.4 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.553 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.218 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

Tgt Ion:165 Resp: 13861
Ion Ratio Lower Upper
165 100
63 1.8 42.1 63.1#
89 1.4 69.1 103.7#
182 0.0 2.2 3.4#

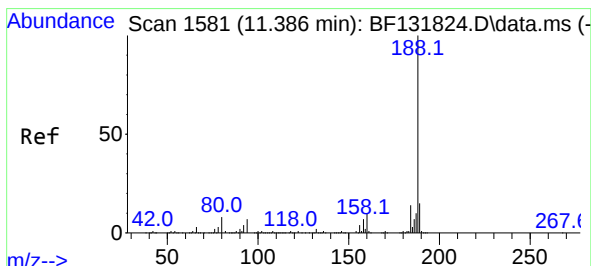
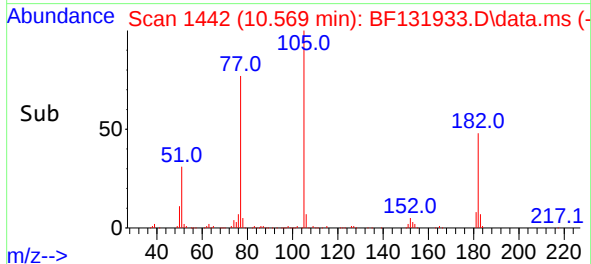
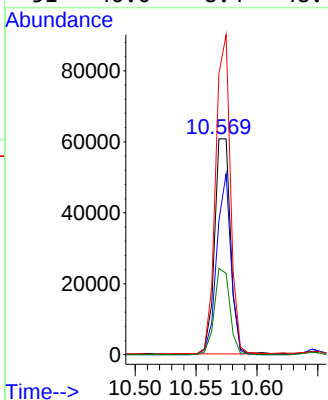
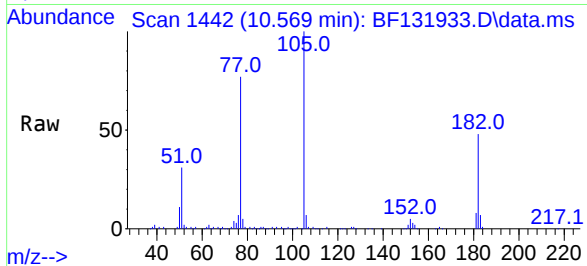




#63
Azobenzene
Concen: 6.125 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

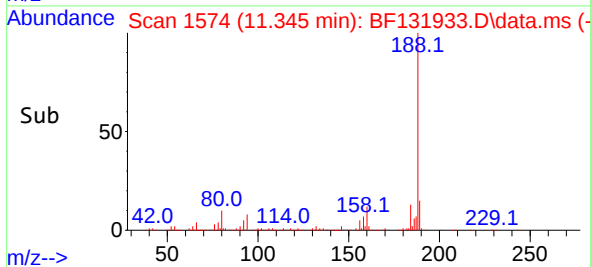
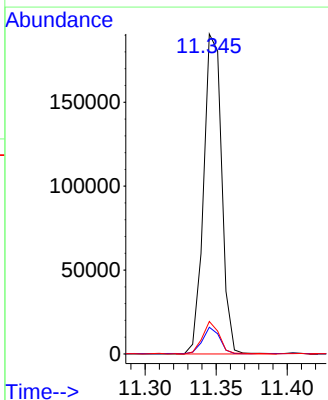
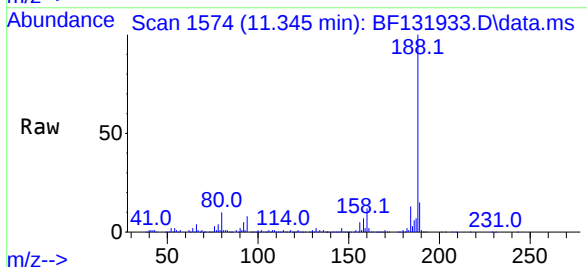
Instrument :
BNA_F
ClientSampleId :
PE-3

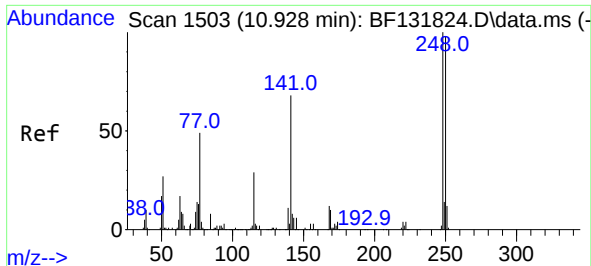
Tgt Ion: 77	Resp: 55161
Ion Ratio	Lower Upper
77 100	
182 62.1	5.0 45.0#
105 130.2	0.0 39.4#
51 40.0	8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

Tgt	Ion:188	Resp:	168831
Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.8	8.6
80	10.2	6.7	10.1#

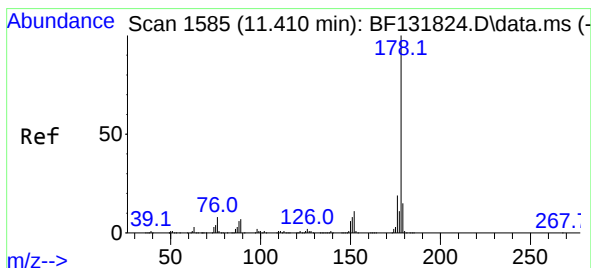
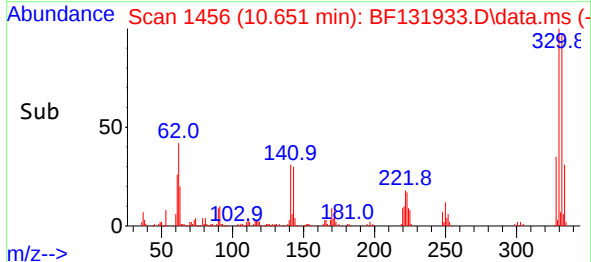
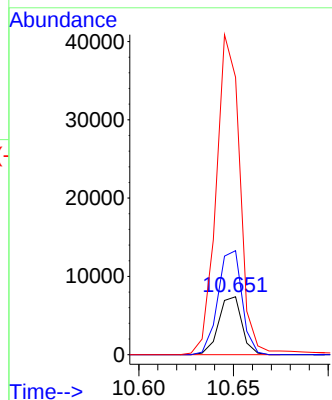
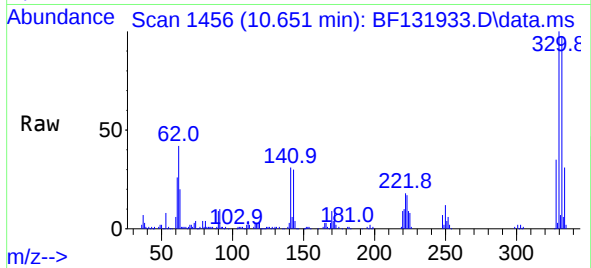




#67
4-Bromophenyl-phenylether
Concen: 3.232 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

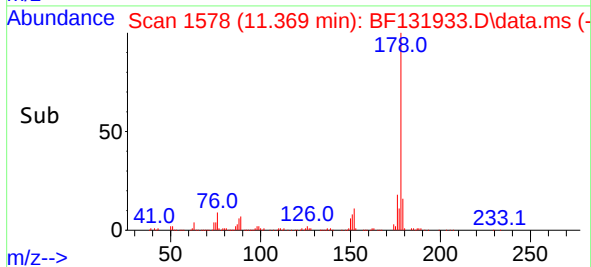
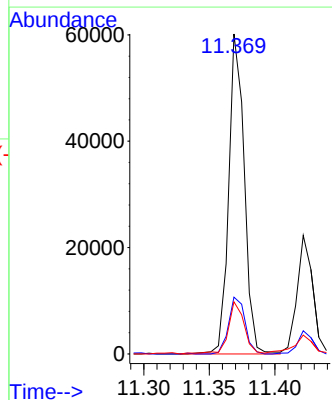
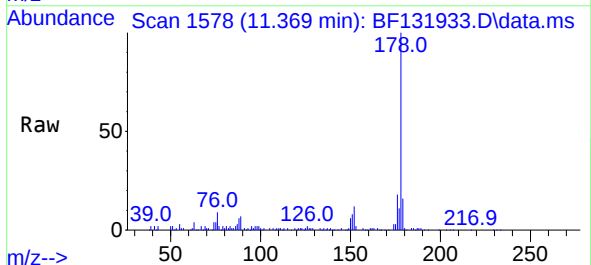
Instrument :
BNA_F
ClientSampleId :
PE-3

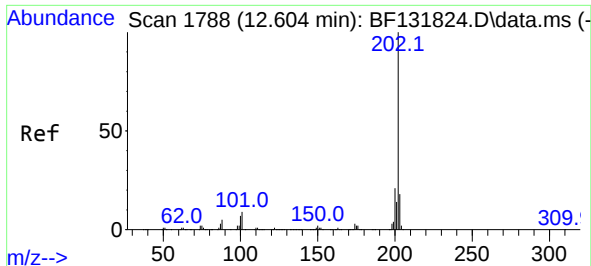
Tgt Ion:248 Resp: 6325
Ion Ratio Lower Upper
248 100
250 179.5 78.0 117.0#
141 478.8 54.8 82.2#



#71
Phenanthrene
Concen: 5.349 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.024 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

Tgt Ion:178 Resp: 49662
Ion Ratio Lower Upper
178 100
176 17.8 15.5 23.3
179 16.3 12.2 18.4

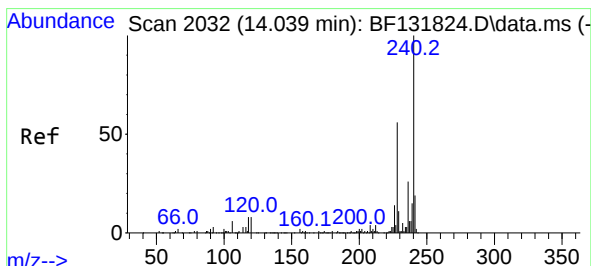
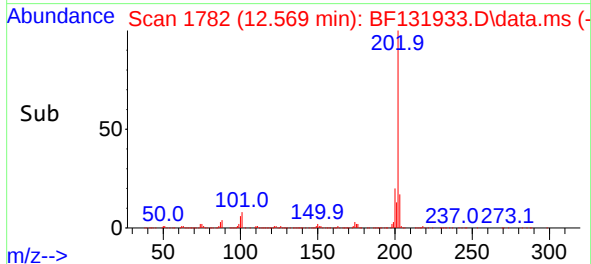
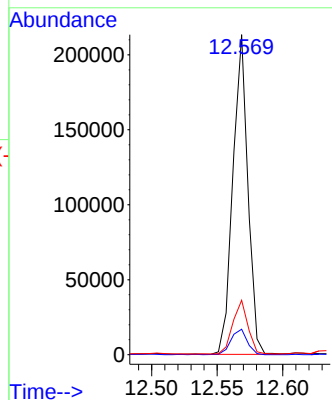
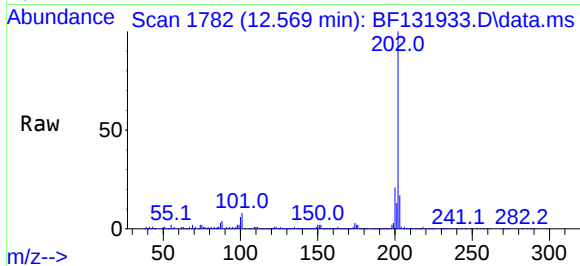




#75
Fluoranthene
Concen: 15.700 ng
RT: 12.569 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

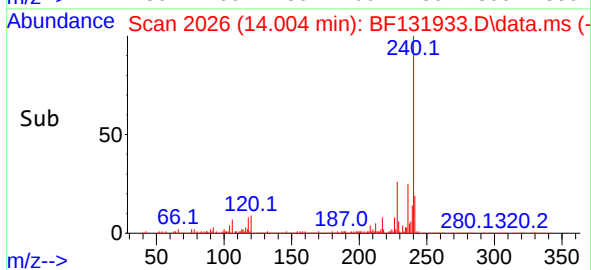
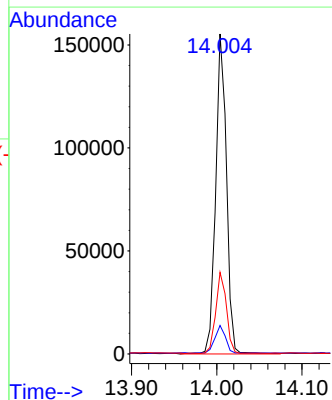
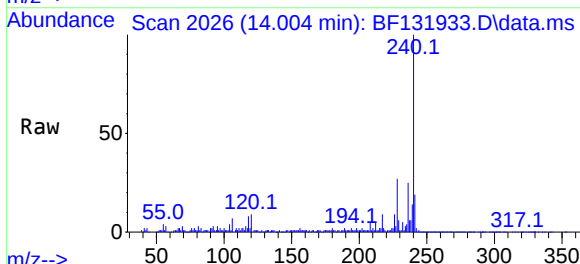
Instrument :
BNA_F
ClientSampleId :
PE-3

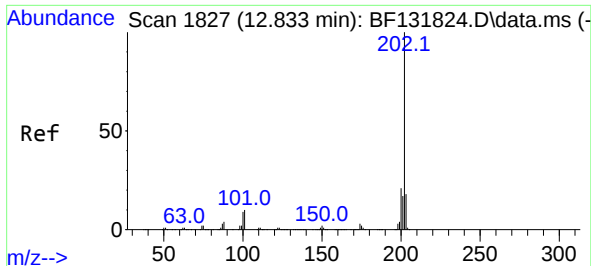
Tgt Ion:202 Resp: 169787
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.6
203 17.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

Tgt Ion:240 Resp: 137118
Ion Ratio Lower Upper
240 100
120 8.9 6.7 10.1
236 25.5 20.6 31.0

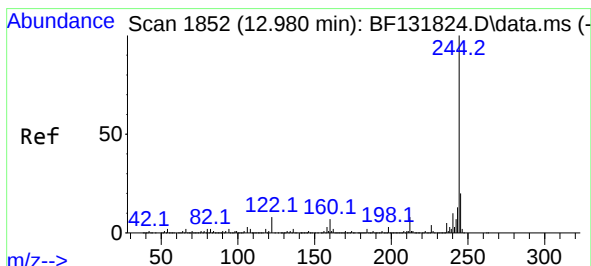
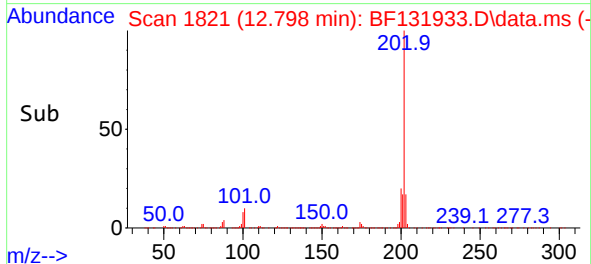
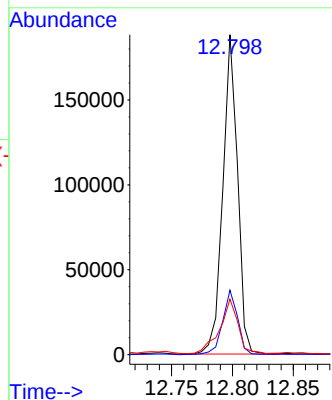
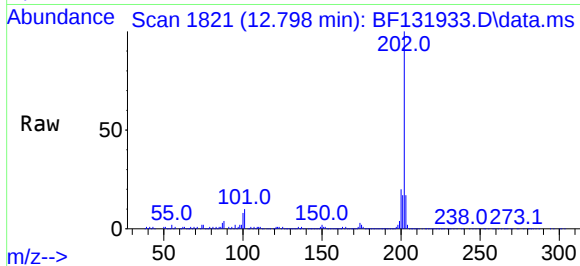




#78
Pyrene
Concen: 13.806 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.018 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

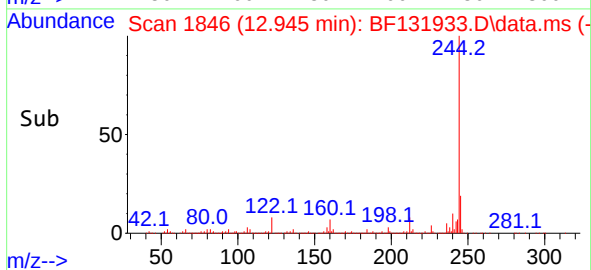
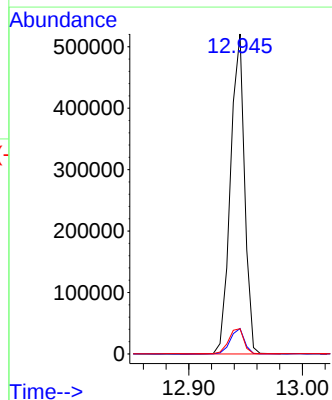
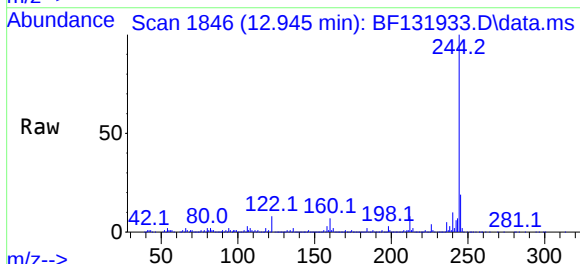
Instrument :
BNA_F
ClientSampleId :
PE-3

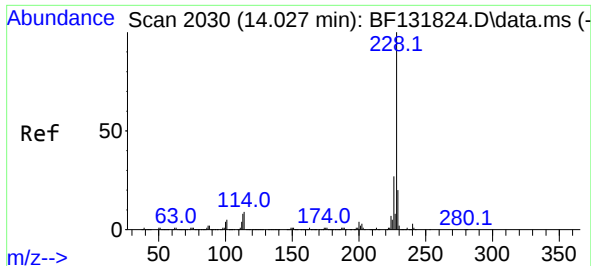
Tgt Ion:202 Resp: 158668
Ion Ratio Lower Upper
202 100
200 20.1 16.7 25.1
203 17.4 14.4 21.6



#79
Terphenyl-d14
Concen: 55.354 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

Tgt Ion:244 Resp: 448708
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 7.9 6.4 9.6

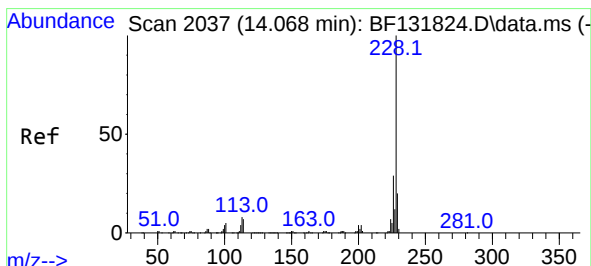
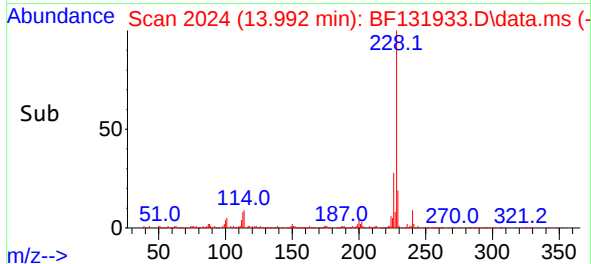
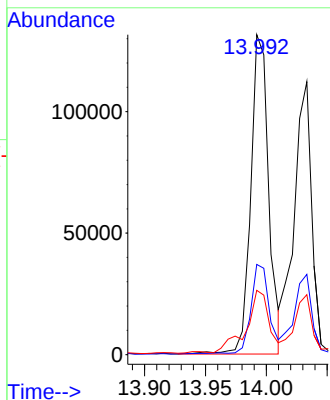
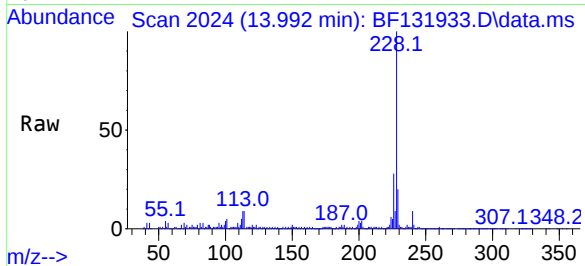




#81
Benzo(a)anthracene
Concen: 13.603 ng
RT: 13.992 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

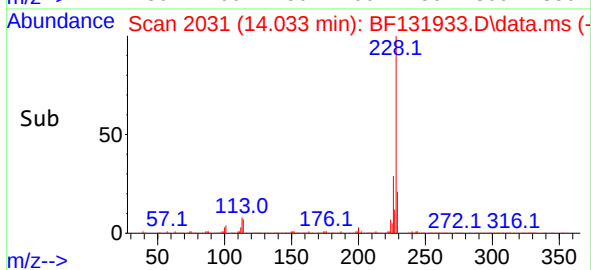
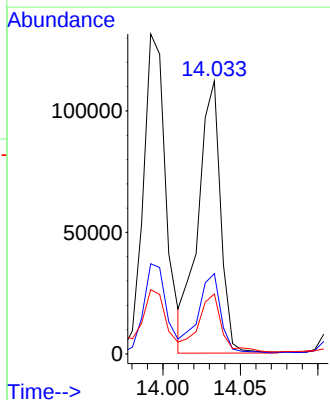
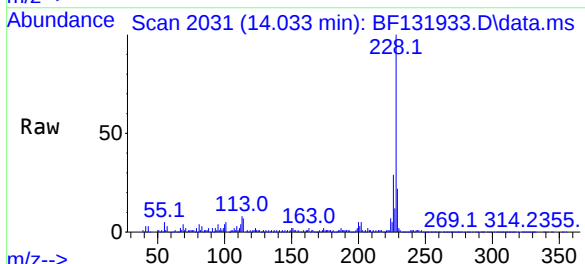
Instrument :
BNA_F
ClientSampleId :
PE-3

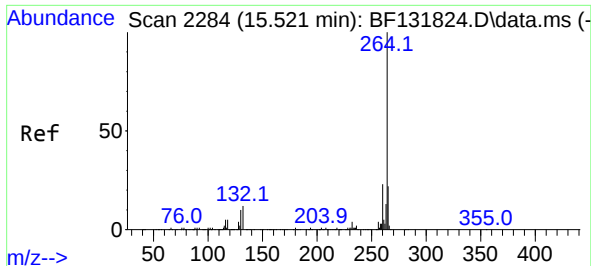
Tgt Ion:228 Resp: 135048
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 20.1 16.0 24.0



#83
Chrysene
Concen: 12.187 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

Tgt Ion:228 Resp: 113689
Ion Ratio Lower Upper
228 100
226 29.5 23.5 35.3
229 22.0 16.2 24.2

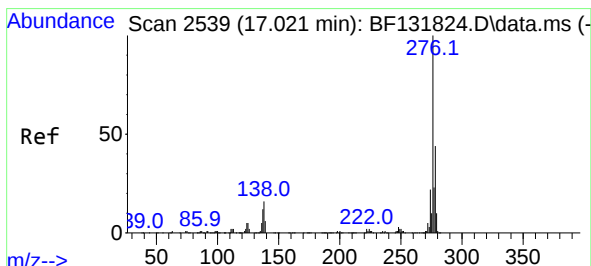
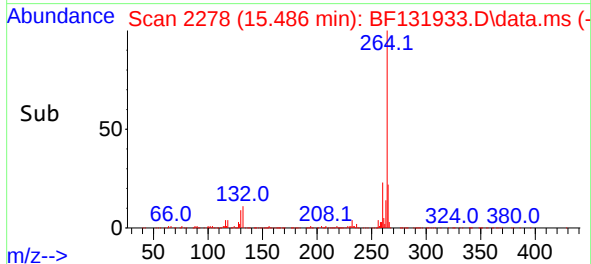
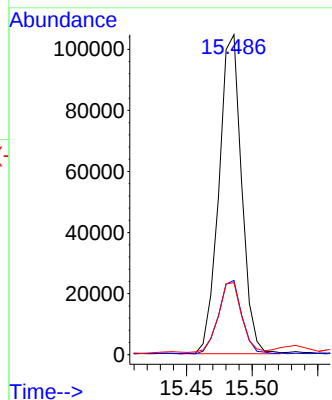
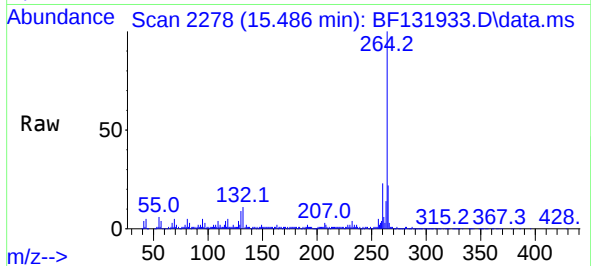




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

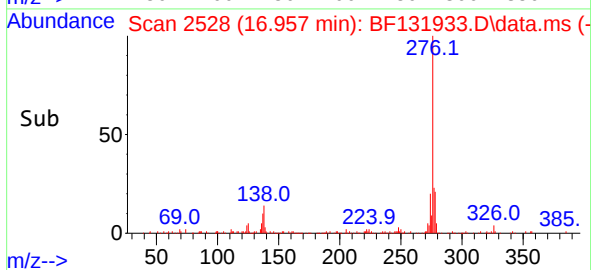
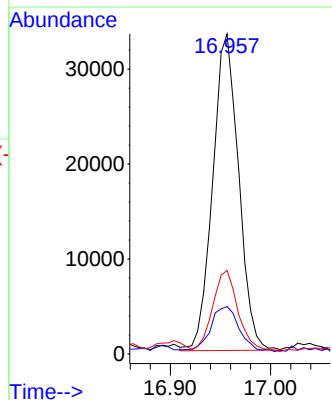
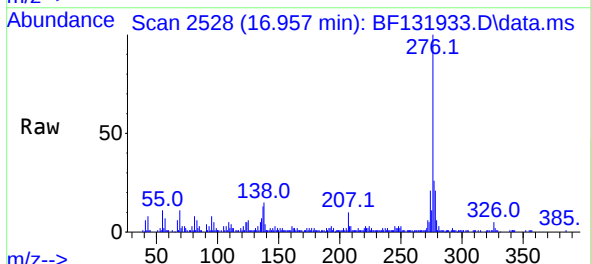
Instrument :
BNA_F
ClientSampleId :
PE-3

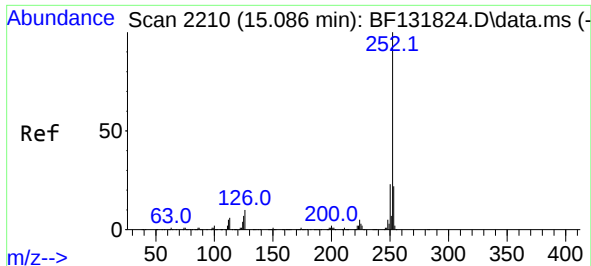
Tgt Ion:264 Resp: 125722
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.5 17.4 26.0



#87
Indeno(1,2,3-cd)pyrene
Concen: 7.509 ng
RT: 16.957 min Scan# 2528
Delta R.T. -0.024 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

Tgt Ion:276 Resp: 59975
Ion Ratio Lower Upper
276 100
138 15.8 14.5 21.7
277 25.3 19.7 29.5

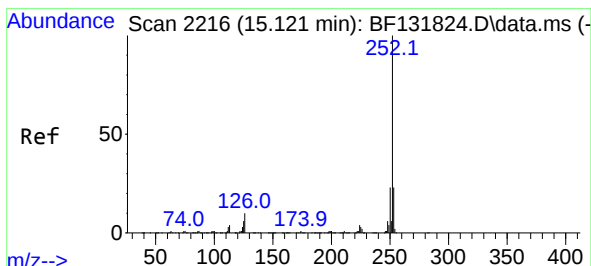
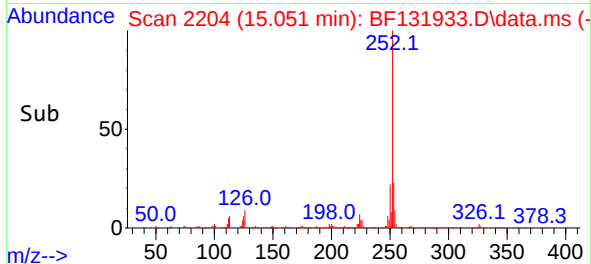
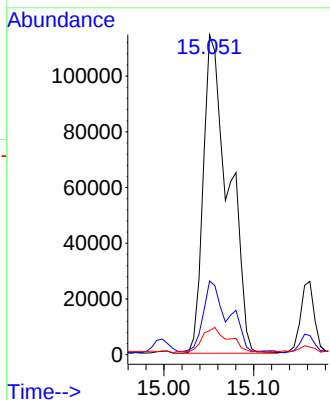
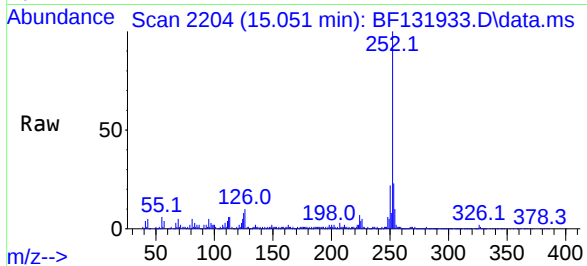




#88
Benzo(b)fluoranthene
Concen: 24.268 ng
RT: 15.051 min Scan# 210
Delta R.T. -0.012 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

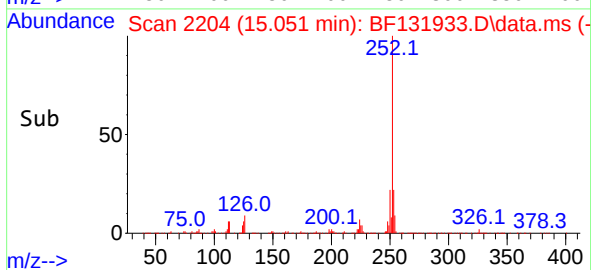
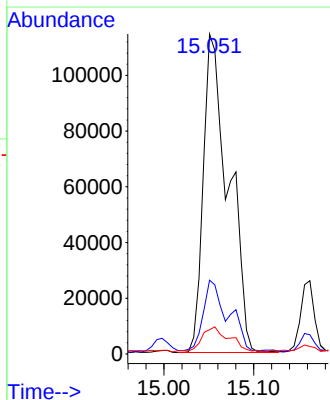
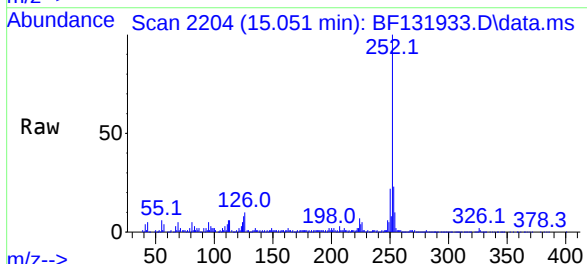
Instrument :
BNA_F
ClientSampleId :
PE-3

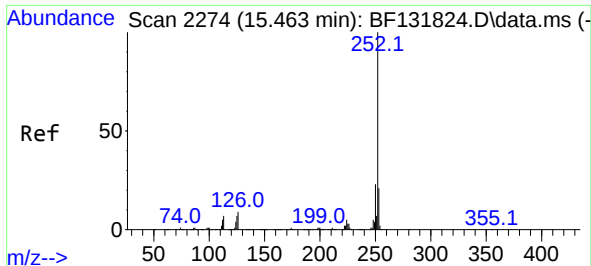
Tgt Ion:252 Resp: 223717
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 7.6 5.8 8.8



#89
Benzo(k)fluoranthene
Concen: 25.117 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.041 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

Tgt Ion:252 Resp: 223717
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 7.6 5.4 8.0

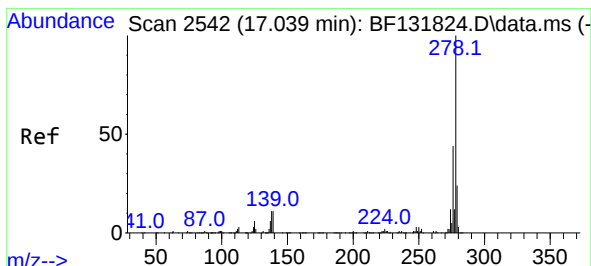
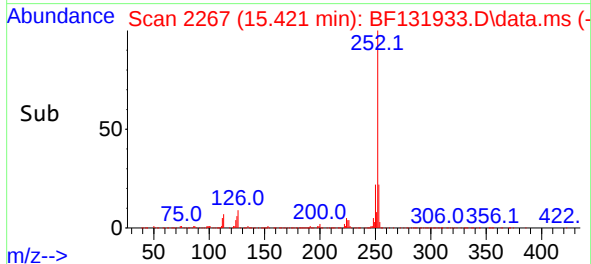
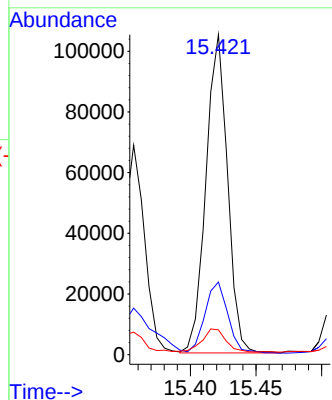
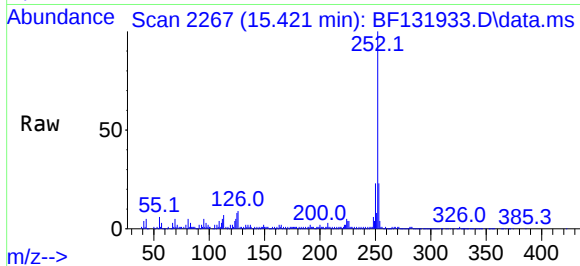




#90
Benzo(a)pyrene
Concen: 16.852 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

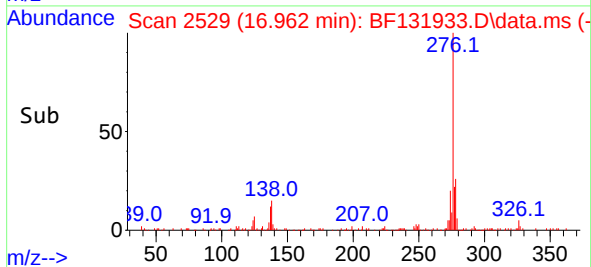
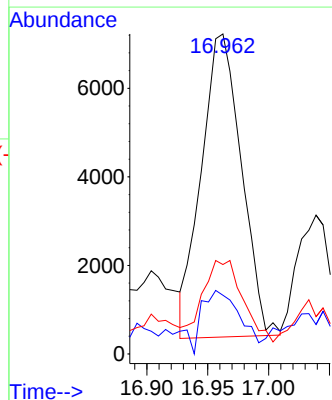
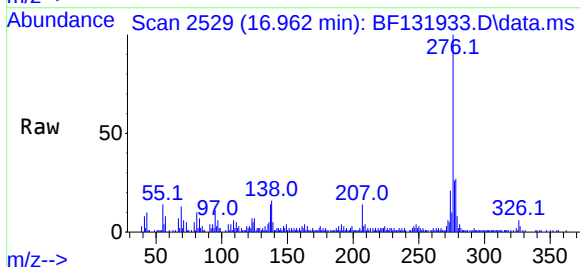
Instrument :
BNA_F
ClientSampleId :
PE-3

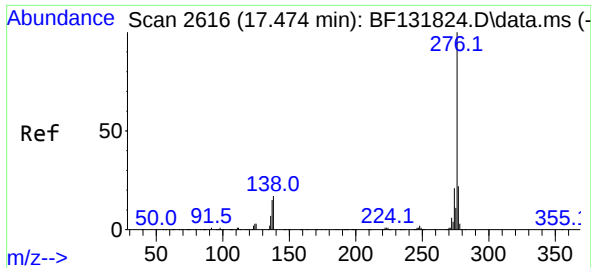
Tgt Ion:252 Resp: 120273
Ion Ratio Lower Upper
252 100
253 22.7 16.6 24.8
125 7.7 5.8 8.8



#91
Dibenzo(a,h)anthracene
Concen: 2.401 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.029 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

Tgt Ion:278 Resp: 15710
Ion Ratio Lower Upper
278 100
139 18.4 8.6 12.8#
279 28.0 19.0 28.4





#92
Benzo(g,h,i)perylene
Concen: 11.678 ng
RT: 17.404 min Scan# 20
Delta R.T. -0.024 min
Lab File: BF131933.D
Acq: 06 Jan 2023 00:50

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:276 Resp: 55868
Ion Ratio Lower Upper
276 100
277 23.4 17.9 26.9
138 16.8 13.7 20.5

