

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135374.D
 Acq On : 21 Sep 2023 11:57
 Operator : CG\JU
 Sample : 04394-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT-103-16

Quant Time: Sep 21 12:45:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

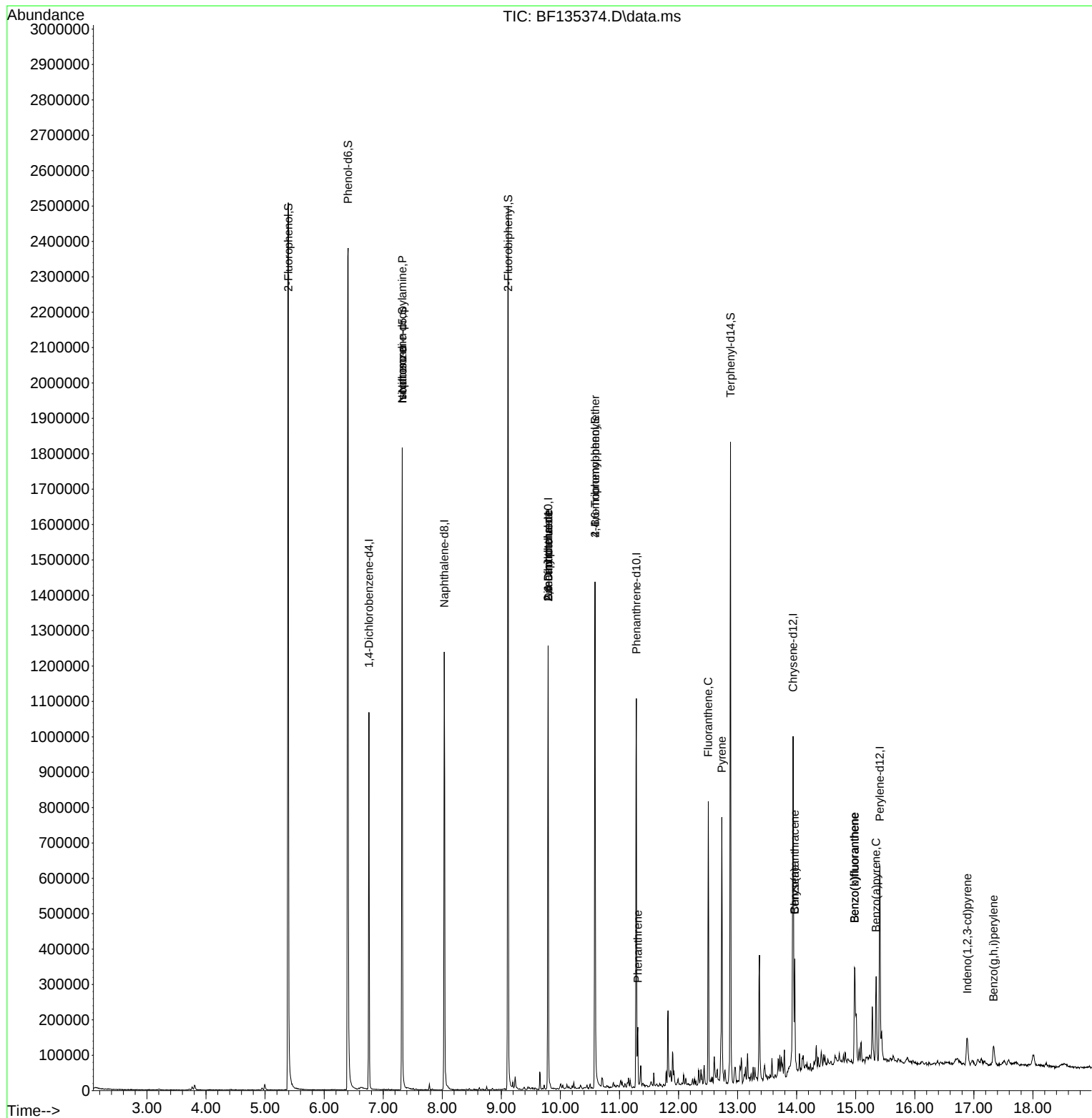
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	140942	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	529193	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	244539	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	409172	20.000	ng	0.00
76) Chrysene-d12	13.939	240	249385	20.000	ng	0.00
86) Perylene-d12	15.410	264	265725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	709290	81.851	ng	0.00
7) Phenol-d6	6.404	99	901741	81.836	ng	0.00
23) Nitrobenzene-d5	7.322	82	534811	54.906	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	165401	68.063	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	834439	51.482	ng	-0.01
79) Terphenyl-d14	12.880	244	596230	37.062	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	69041	10.116	ng	# 80
25) Isophorone	7.322	82	534890	29.905	ng	# 65
50) Dimethylphthalate	9.792	163	47715	2.886	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	31180	8.609	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	31180	6.876	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	10679	2.624	ng	# 1
71) Phenanthrene	11.310	178	58796	3.038	ng	100
75) Fluoranthene	12.504	202	299822	14.869	ng	98
78) Pyrene	12.733	202	286788	12.079	ng	99
81) Benzo(a)anthracene	13.969	228	120651	7.492	ng	96
83) Chrysene	13.969	228	120651	7.536	ng	96
87) Indeno(1,2,3-cd)pyrene	16.886	276	51654	2.965	ng	95
88) Benzo(b)fluoranthene	14.980	252	202733	14.094	ng	# 95
89) Benzo(k)fluoranthene	14.980	252	202733	14.267	ng	# 96
90) Benzo(a)pyrene	15.345	252	109581	7.988	ng	# 97
92) Benzo(g,h,i)perylene	17.333	276	46343	3.113	ng	96

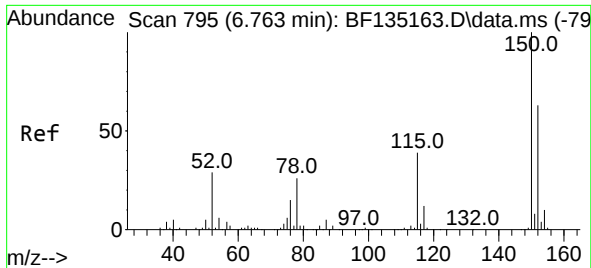
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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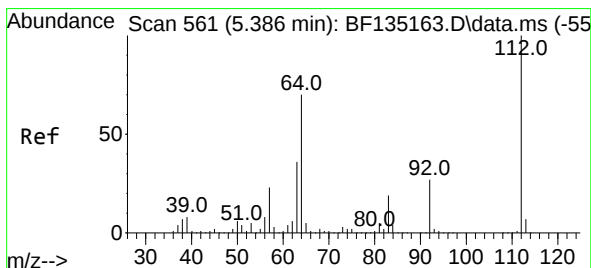
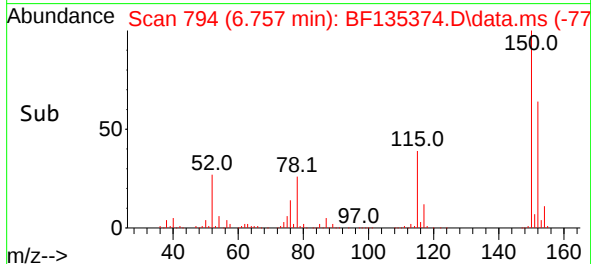
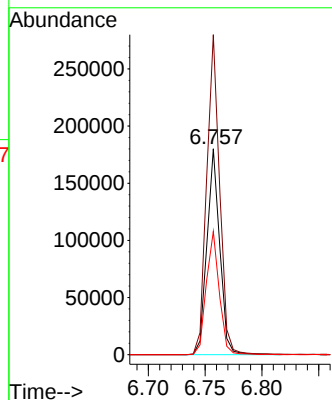
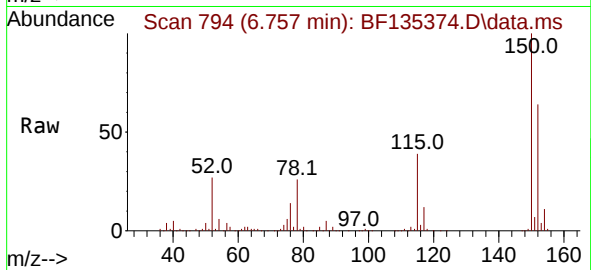




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

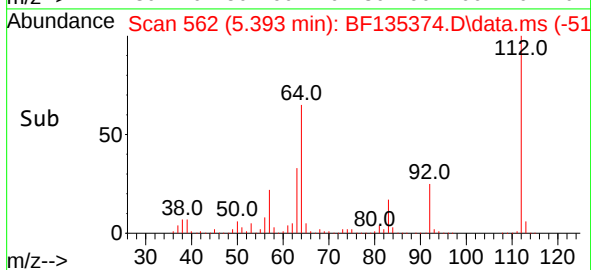
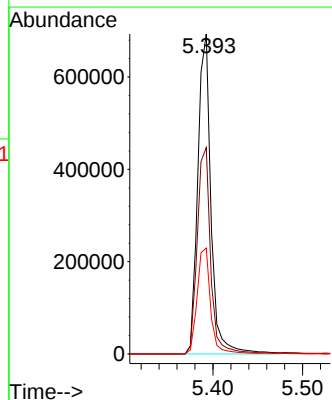
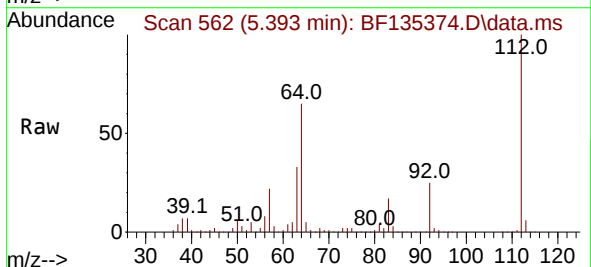
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BNA_F
ClientSampleId :
CPT-103-16

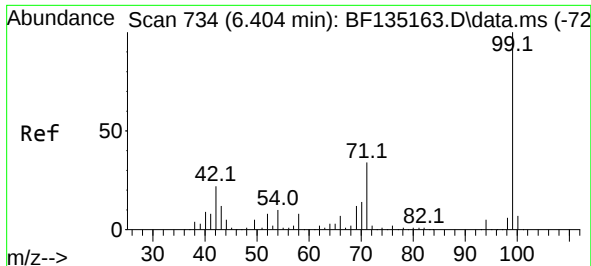
Tgt Ion:152 Resp: 140942
Ion Ratio Lower Upper
152 100
150 155.4 127.8 191.6
115 59.8 49.8 74.8



#5
2-Fluorophenol
Concen: 81.851 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Tgt Ion:112 Resp: 709290
Ion Ratio Lower Upper
112 100
64 64.5 55.9 83.9
63 33.1 29.0 43.6

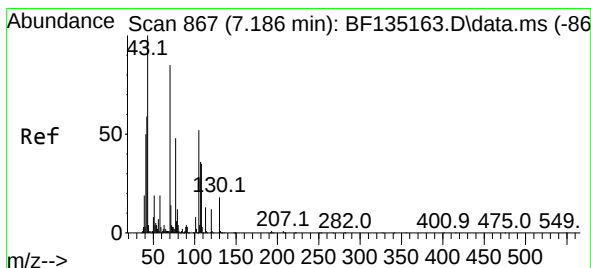
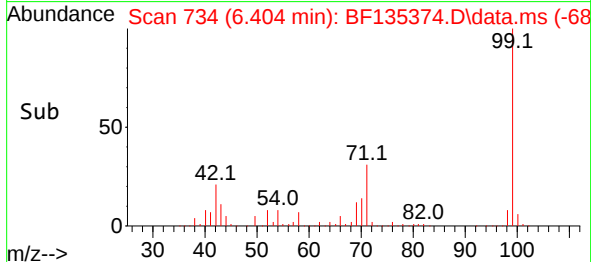
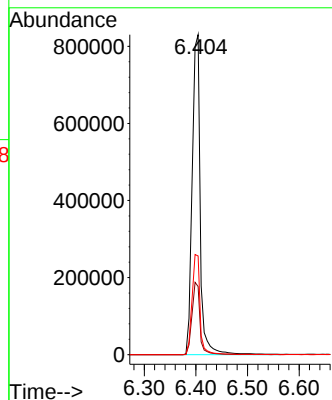
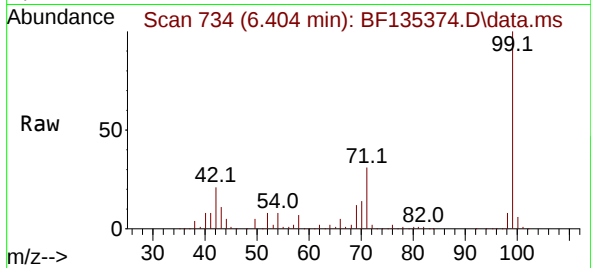




#7
Phenol-d6
Concen: 81.836 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

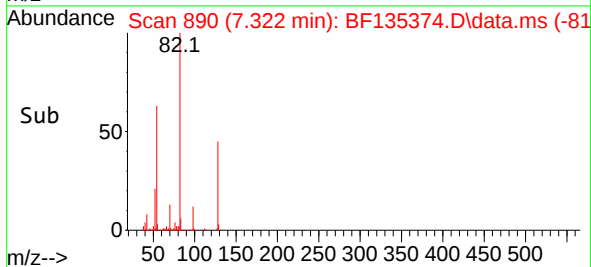
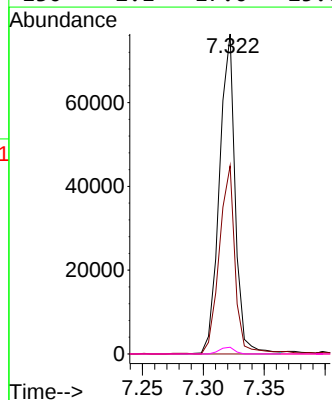
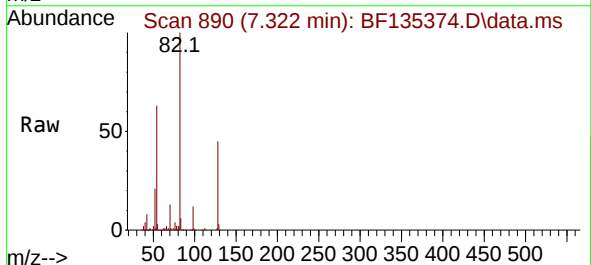
Instrument :
BNA_F
ClientSampleId :
CPT-103-16

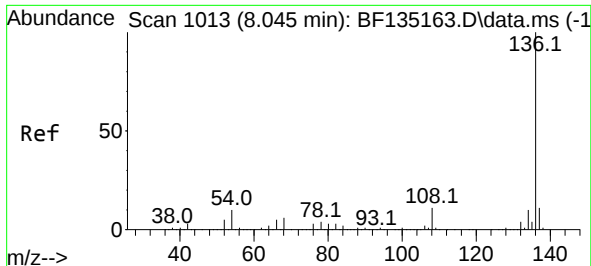
Tgt Ion: 99 Resp: 901741
Ion Ratio Lower Upper
99 100
42 21.3 17.9 26.9
71 30.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.116 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Tgt Ion: 70 Resp: 69041
Ion Ratio Lower Upper
70 100
42 58.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

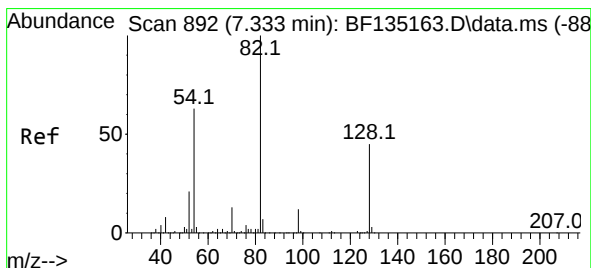
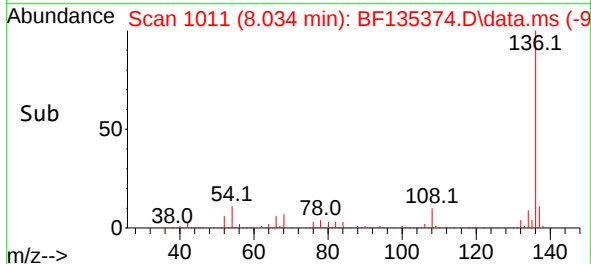
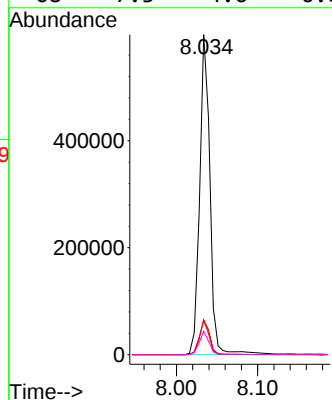
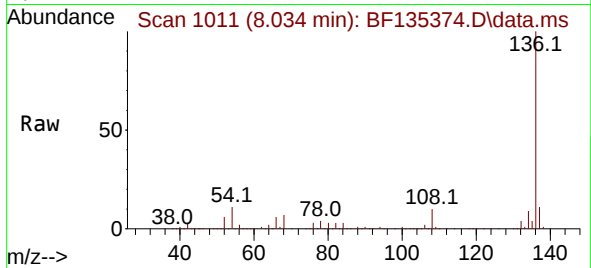




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

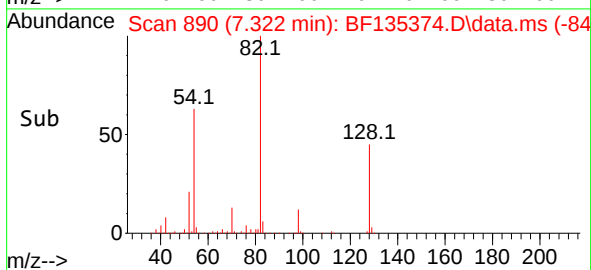
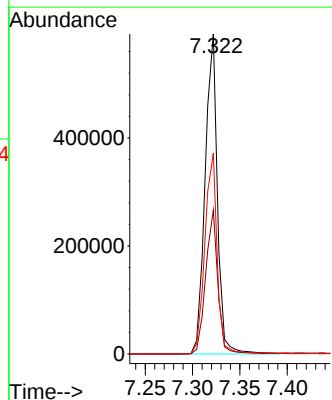
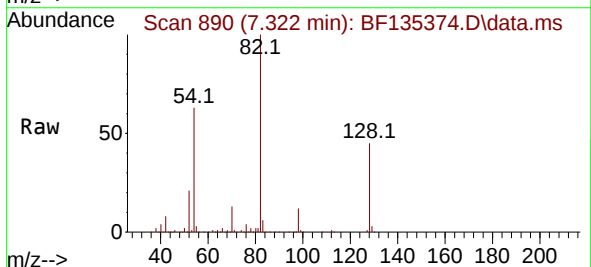
Instrument :
BNA_F
ClientSampleId :
CPT-103-16

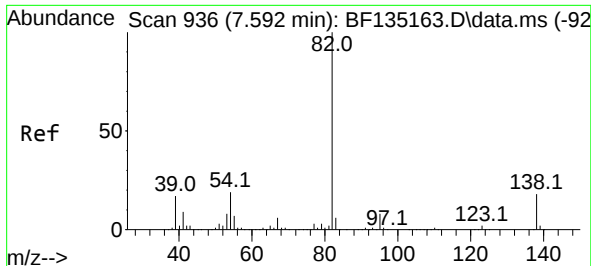
Tgt Ion:136 Resp: 529193
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.7 7.7 11.5
68 7.3 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 54.906 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Tgt Ion: 82 Resp: 534811
Ion Ratio Lower Upper
82 100
128 44.9 35.8 53.6
54 62.7 50.6 76.0

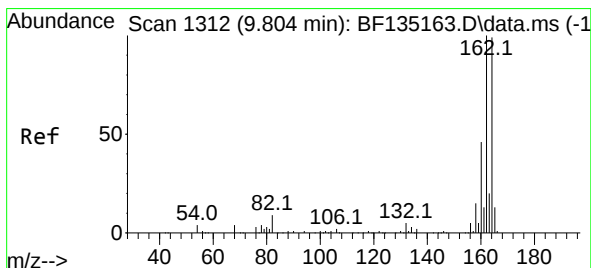
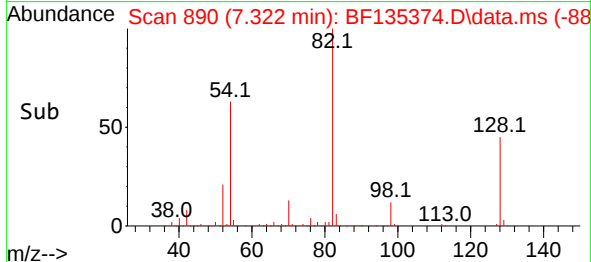
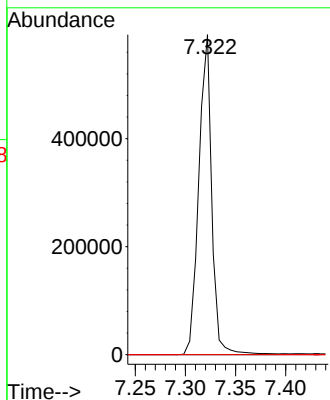
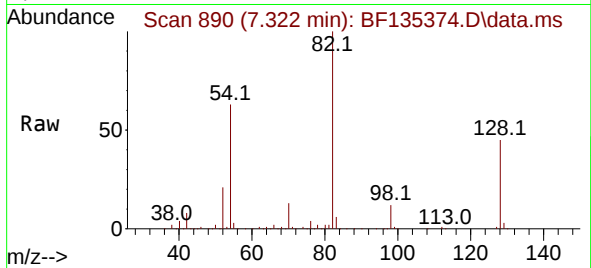




#25
Isophorone
Concen: 29.905 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

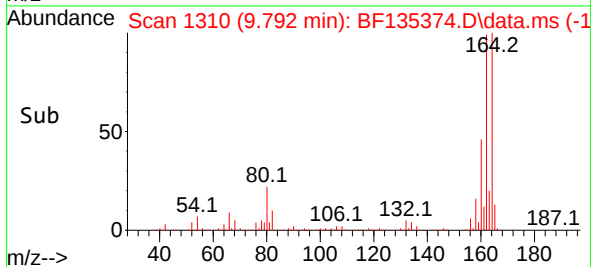
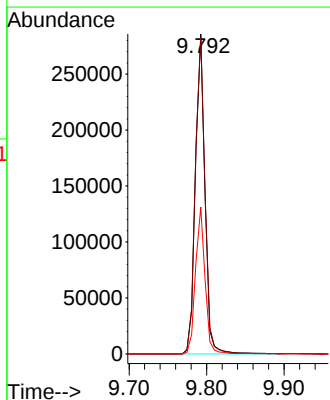
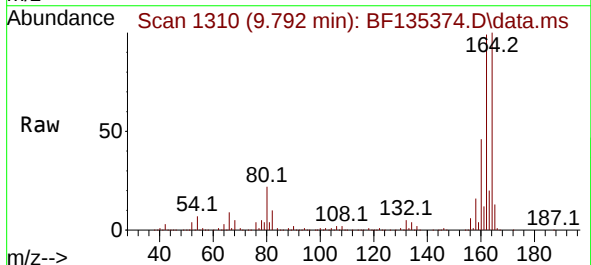
Instrument :
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ClientSampleId :
CPT-103-16

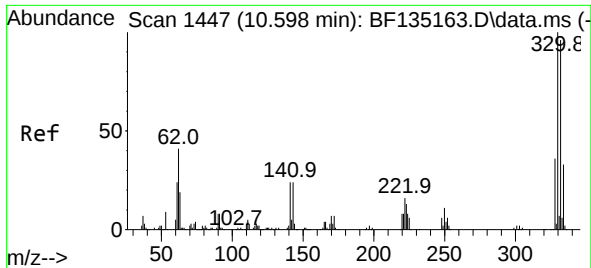
Tgt Ion: 82 Resp: 534890
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Tgt Ion: 164 Resp: 244539
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.4
160 45.9 37.0 55.4

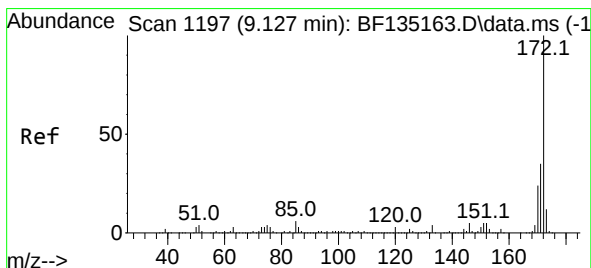
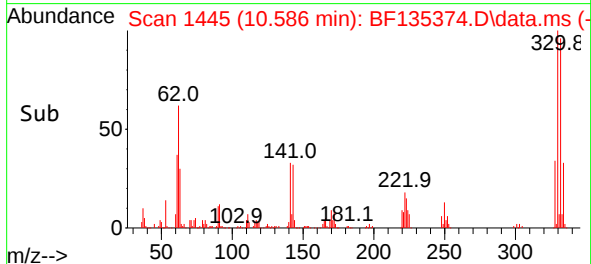
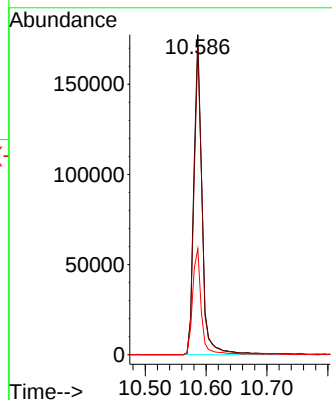
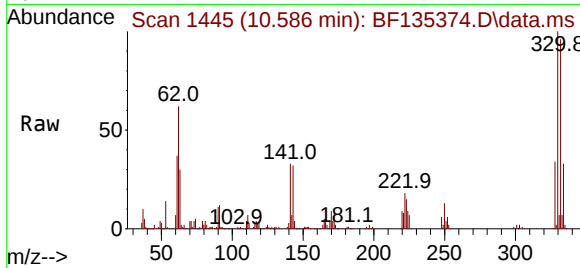




#42
2,4,6-Tribromophenol
Concen: 68.063 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

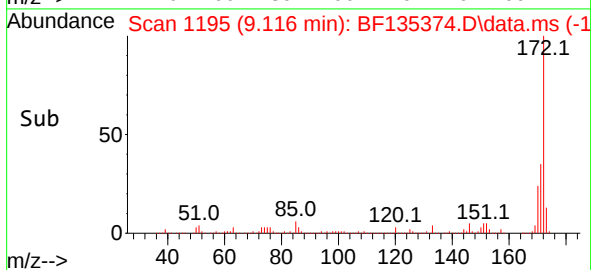
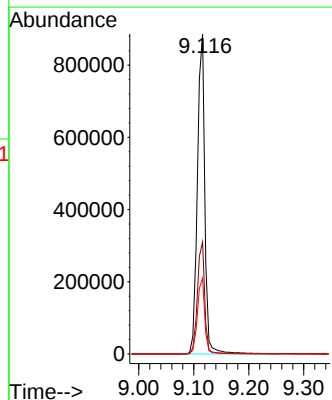
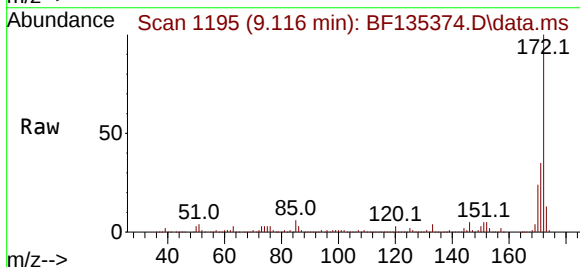
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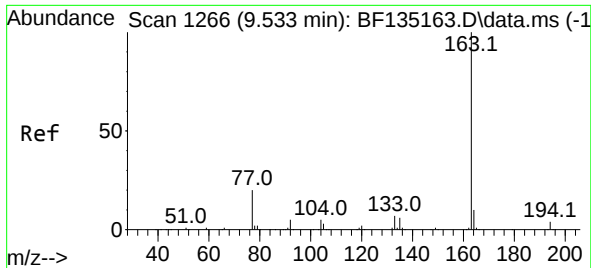
Tgt Ion:330 Resp: 165401
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 35.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 51.482 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Tgt Ion:172 Resp: 834439
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.7 19.0 28.4

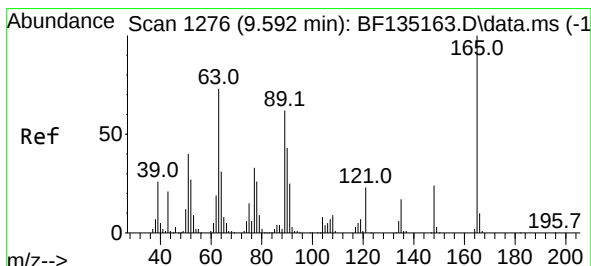
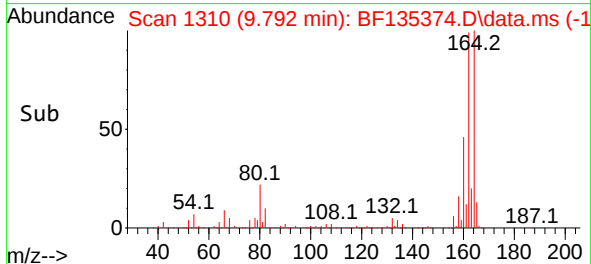
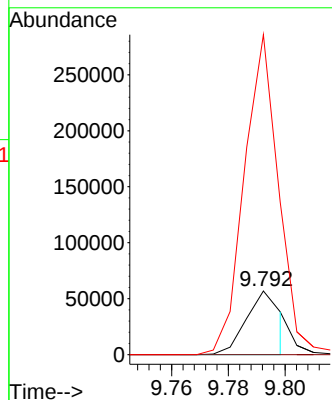
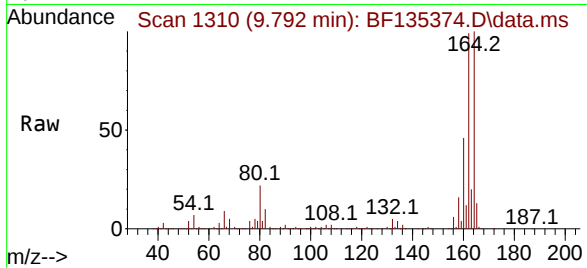




#50
Dimethylphthalate
Concen: 2.886 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

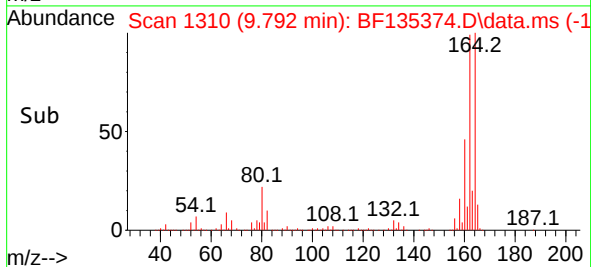
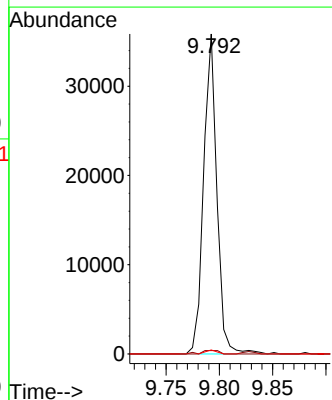
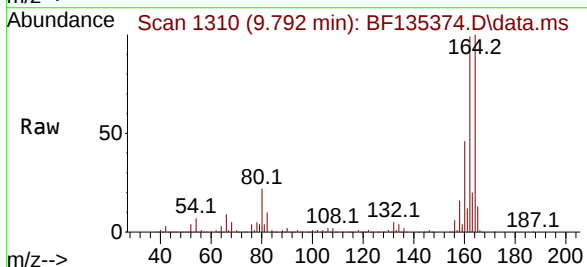
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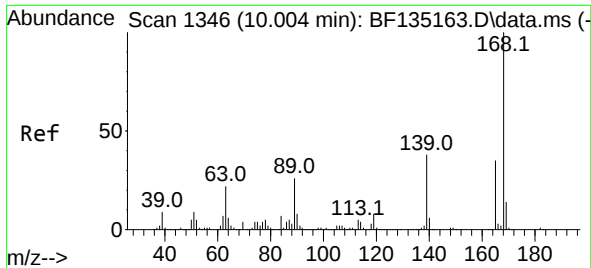
Tgt Ion:163 Resp: 47715
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 502.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.609 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Tgt Ion:165 Resp: 31180
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.2 49.8 74.8#

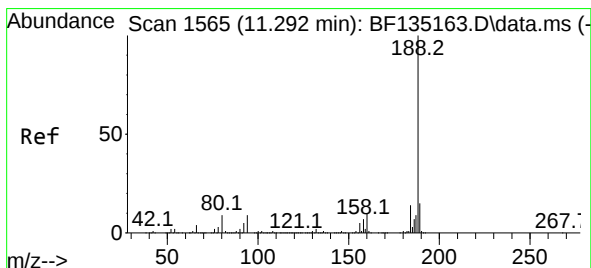
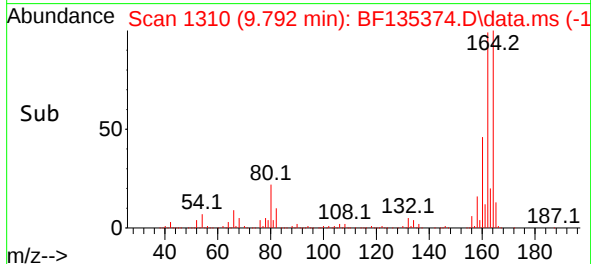
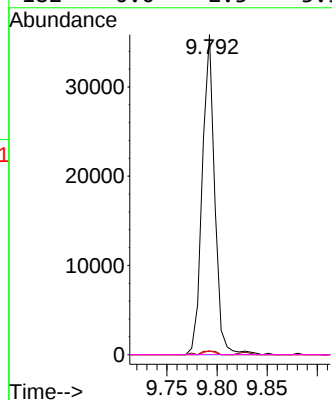
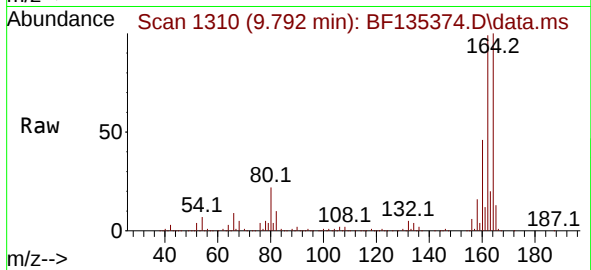




#57
2,4-Dinitrotoluene
Concen: 6.876 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

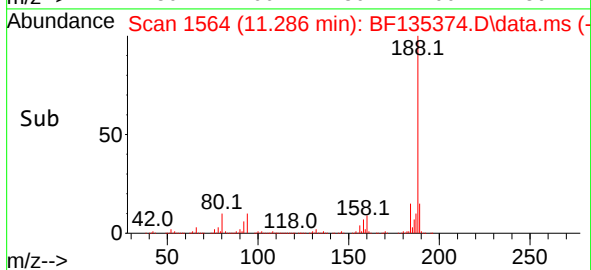
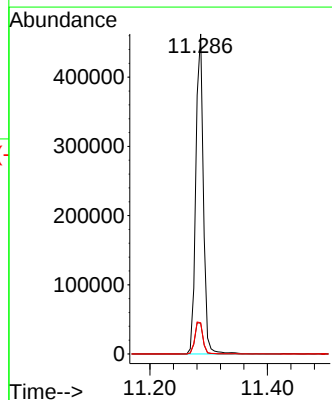
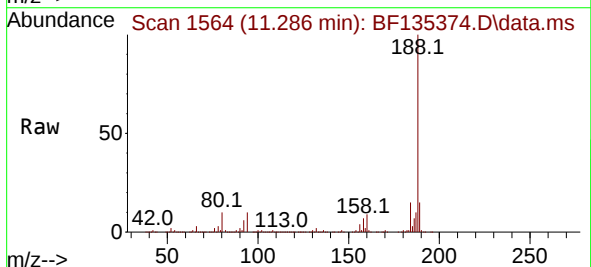
Instrument :
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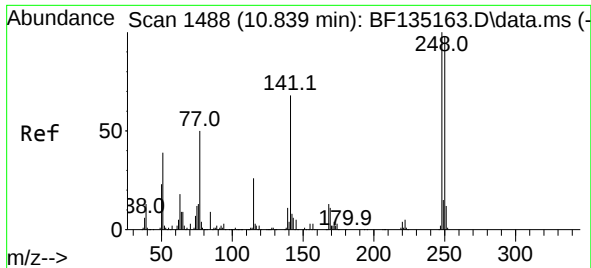
Tgt Ion:165 Resp: 31180
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Tgt Ion:188 Resp: 409172
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.8 7.5 11.3

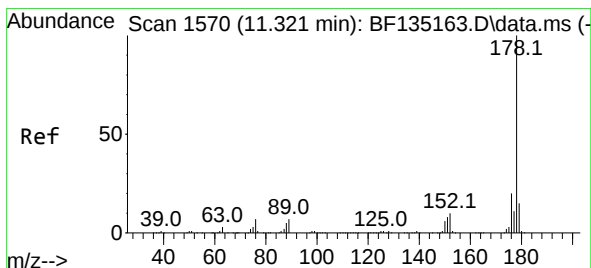
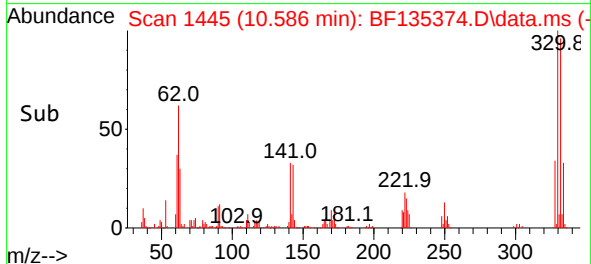
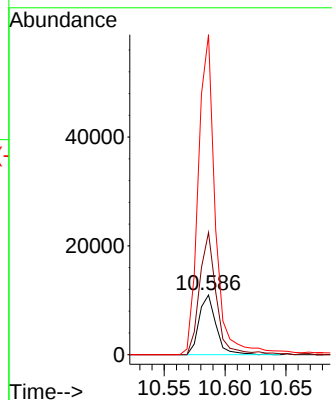
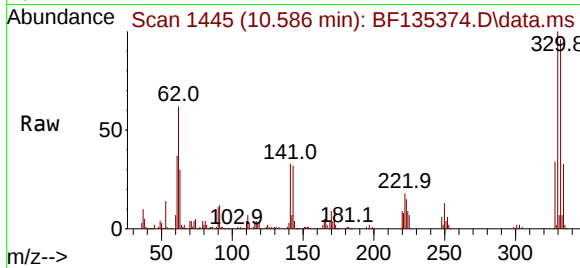




#67
4-Bromophenyl-phenylether
Concen: 2.624 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

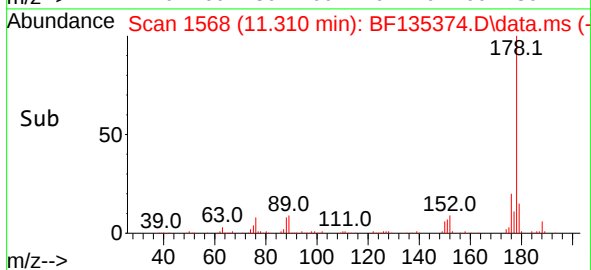
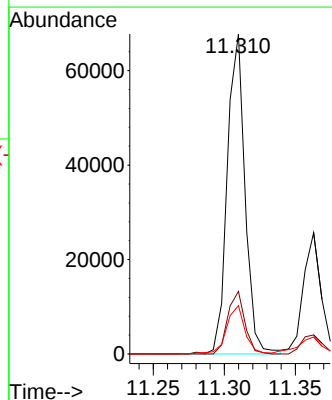
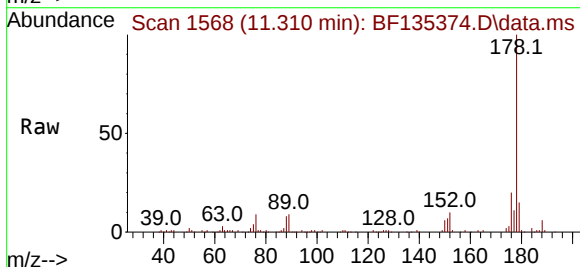
Instrument :
BNA_F
ClientSampleId :
CPT-103-16

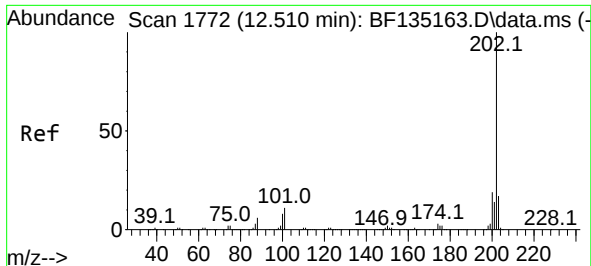
Tgt Ion:248 Resp: 10679
Ion Ratio Lower Upper
248 100
250 204.8 78.6 117.8#
141 536.0 54.2 81.2#



#71
Phenanthrene
Concen: 3.038 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Tgt Ion:178 Resp: 58796
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.1 12.0 18.0

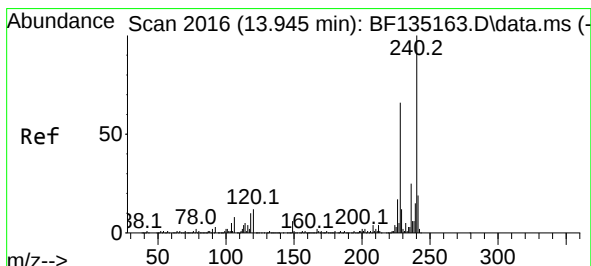
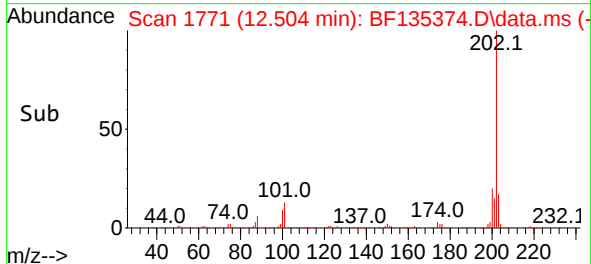
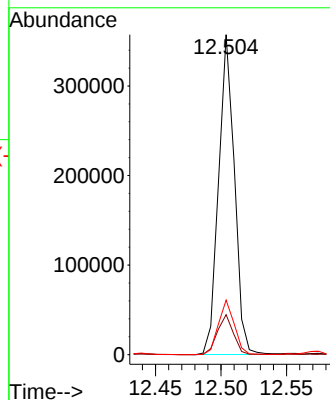
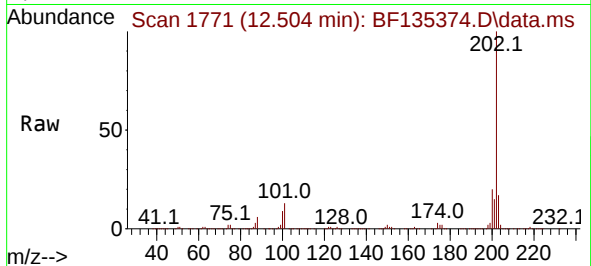




#75
Fluoranthene
Concen: 14.869 ng
RT: 12.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

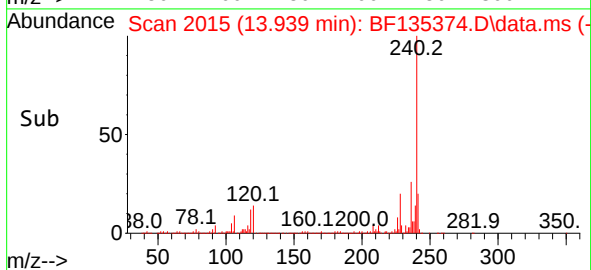
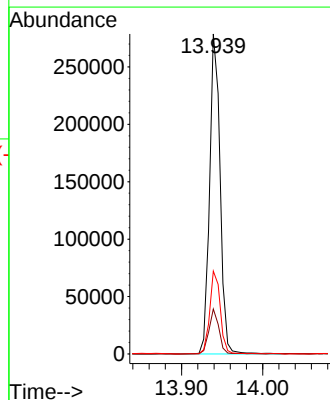
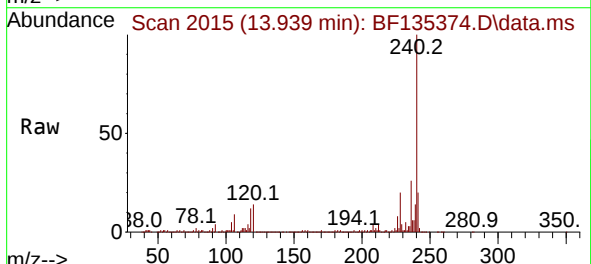
Instrument :
BNA_F
ClientSampleId :
CPT-103-16

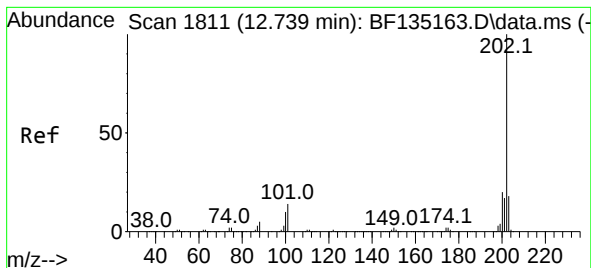
Tgt Ion:202 Resp: 299822
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.3
203 17.1 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Tgt Ion:240 Resp: 249385
Ion Ratio Lower Upper
240 100
120 14.0 9.4 14.2
236 25.9 19.8 29.8





#78

Pyrene

Concen: 12.079 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.006 min

Lab File: BF135374.D

Acq: 21 Sep 2023 11:57

Instrument :

BNA_F

ClientSampleId :

CPT-103-16

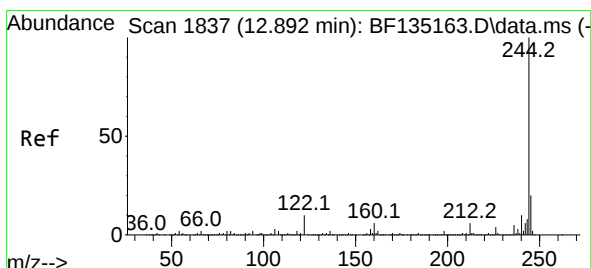
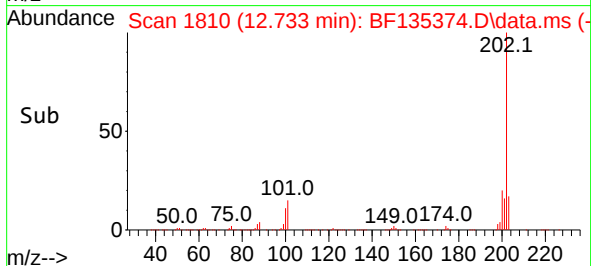
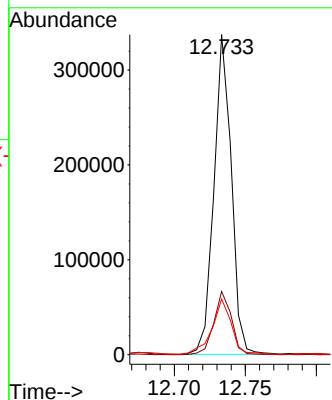
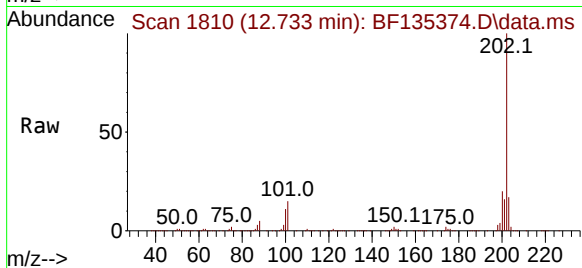
Tgt Ion:202 Resp: 286788

Ion Ratio Lower Upper

202 100

200 19.7 16.2 24.2

203 17.4 14.2 21.4



#79

Terphenyl-d14

Concen: 37.062 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135374.D

Acq: 21 Sep 2023 11:57

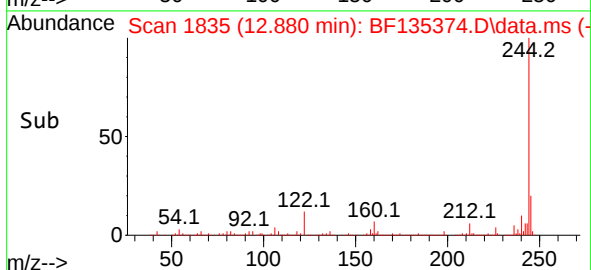
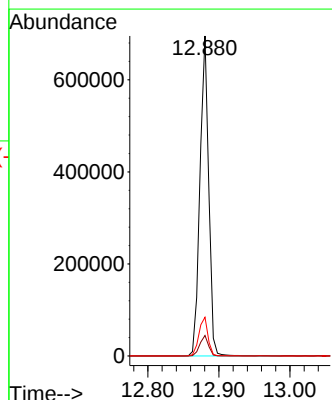
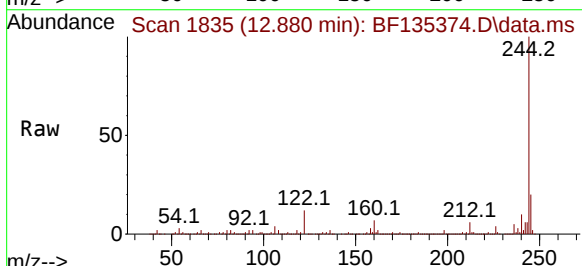
Tgt Ion:244 Resp: 596230

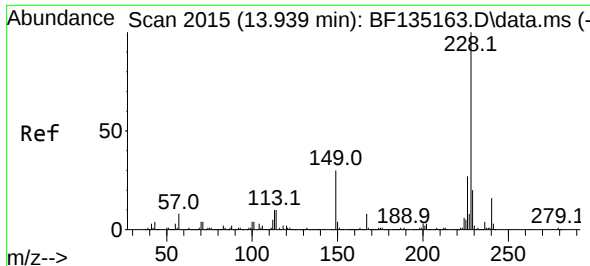
Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 12.1 7.9 11.9#

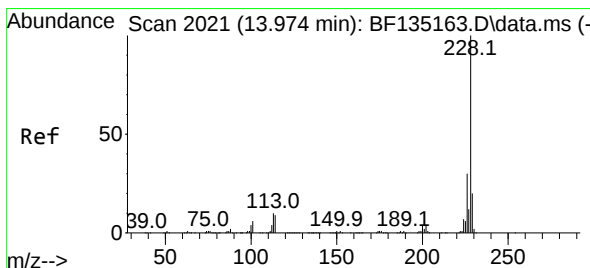
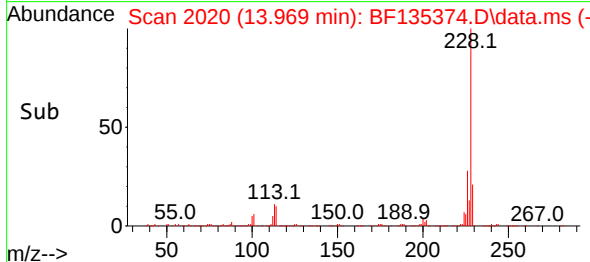
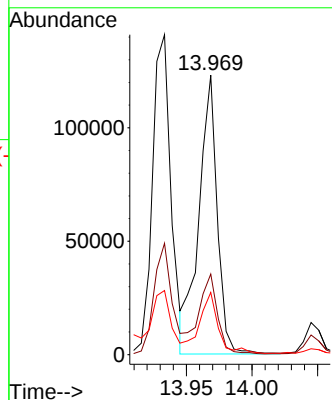
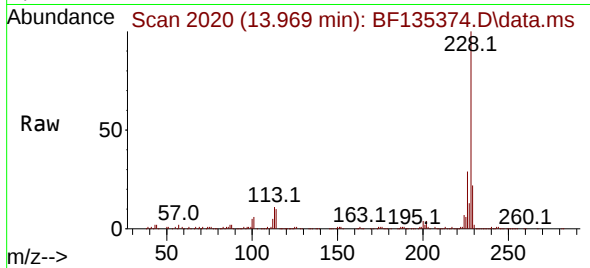




#81
Benzo(a)anthracene
Concen: 7.492 ng
RT: 13.969 min Scan# 20
Delta R.T. 0.030 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

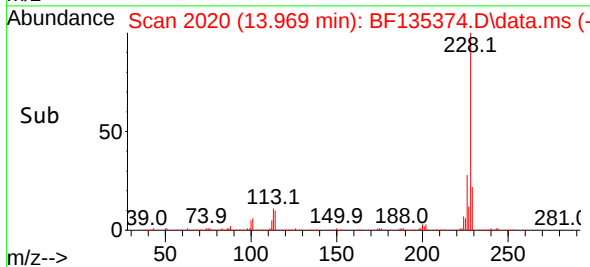
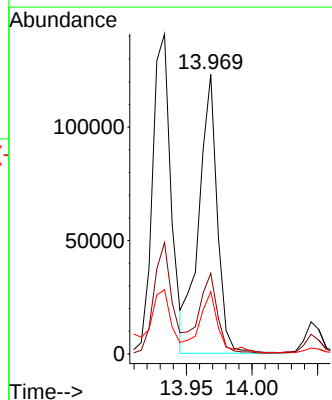
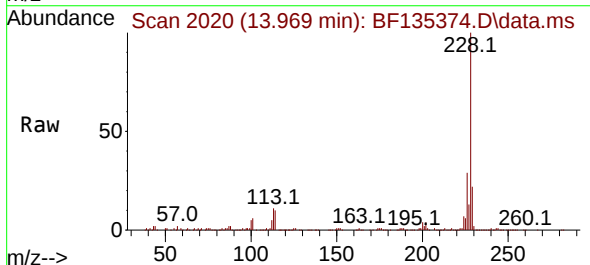
Instrument :
BNA_F
ClientSampleId :
CPT-103-16

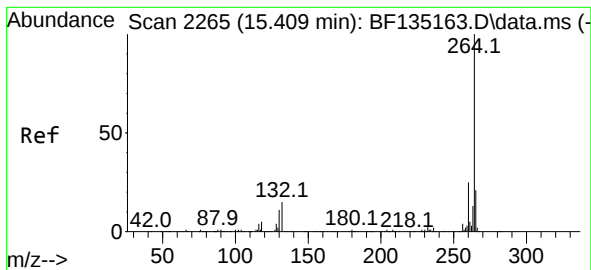
Tgt Ion:228 Resp: 120651
Ion Ratio Lower Upper
228 100
226 28.8 21.7 32.5
229 22.2 15.8 23.8



#83
Chrysene
Concen: 7.536 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Tgt Ion:228 Resp: 120651
Ion Ratio Lower Upper
228 100
226 28.8 24.3 36.5
229 22.2 16.0 24.0



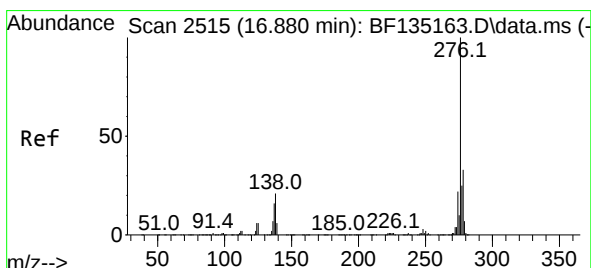
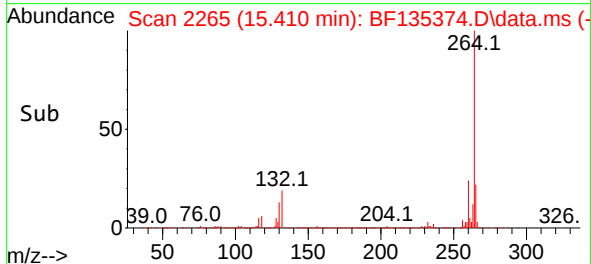
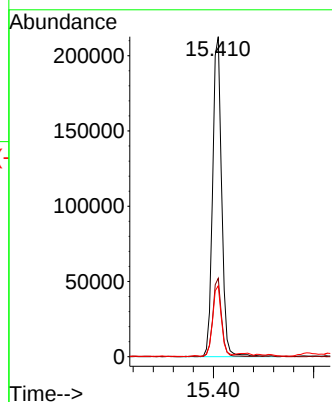
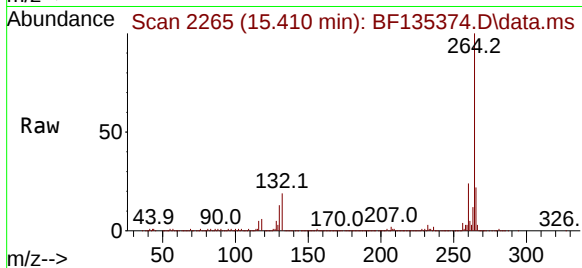


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Instrument :
BNA_F
ClientSampleId :
CPT-103-16

Tgt Ion:264 Resp: 265725

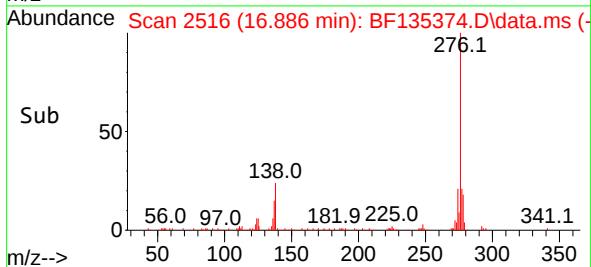
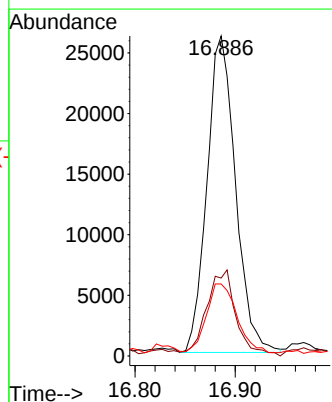
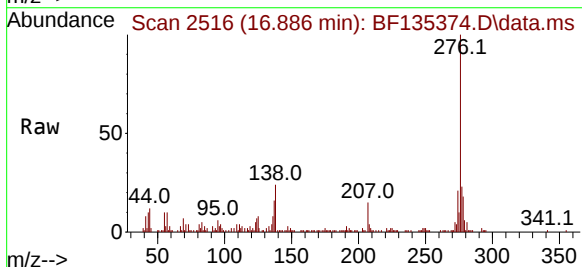
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	22.2	17.0	25.4

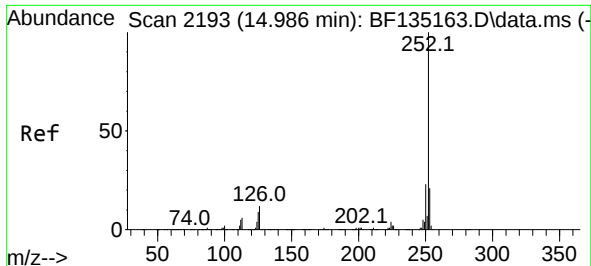


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.965 ng
RT: 16.886 min Scan# 2516
Delta R.T. 0.006 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Tgt Ion:276 Resp: 51654

Ion	Ratio	Lower	Upper
276	100		
138	27.9	19.2	28.8
277	23.1	19.7	29.5

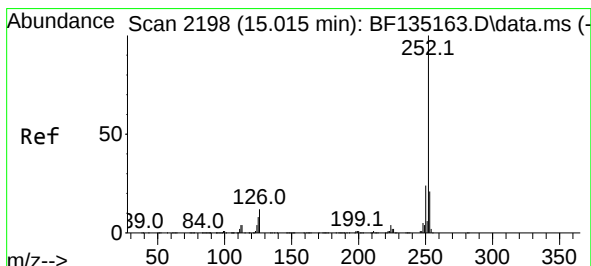
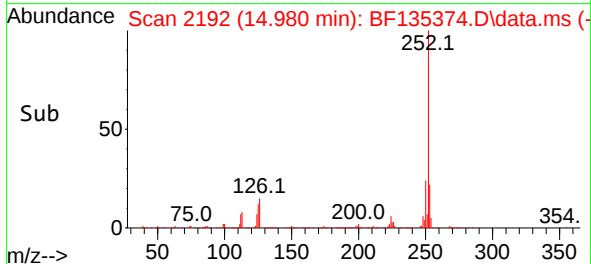
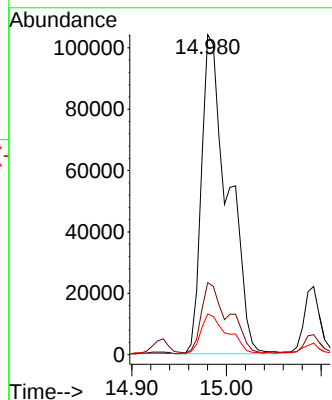
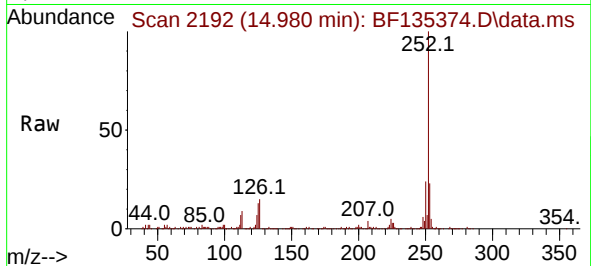




#88
Benzo(b)fluoranthene
Concen: 14.094 ng
RT: 14.980 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

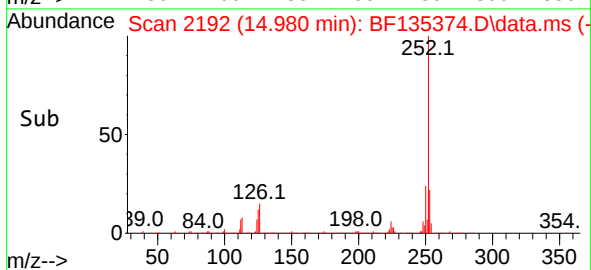
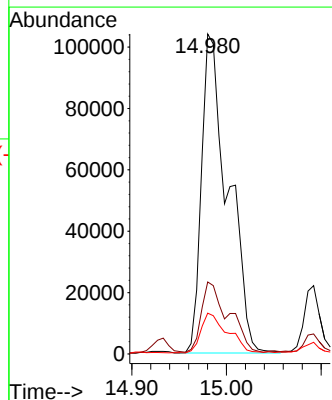
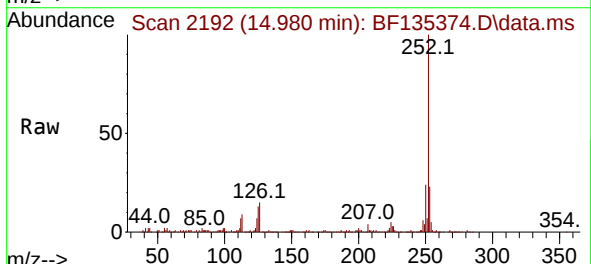
Instrument :
BNA_F
ClientSampleId :
CPT-103-16

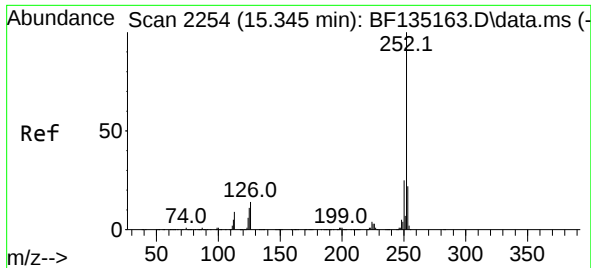
Tgt Ion:252 Resp: 202733
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 12.8 7.1 10.7#



#89
Benzo(k)fluoranthene
Concen: 14.267 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.035 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Tgt Ion:252 Resp: 202733
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 12.8 7.2 10.8#

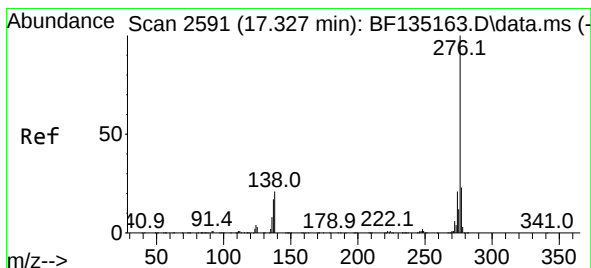
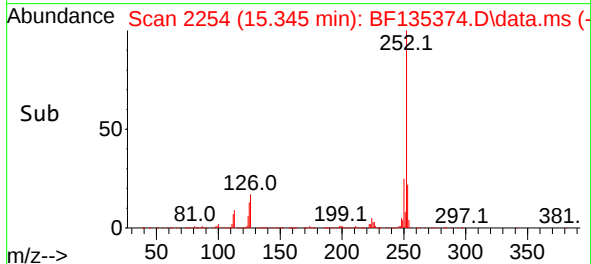
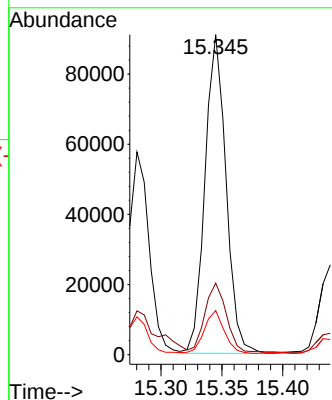
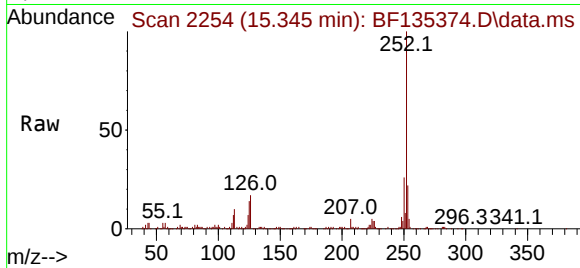




#90
Benzo(a)pyrene
Concen: 7.988 ng
RT: 15.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Instrument :
BNA_F
ClientSampleId :
CPT-103-16

Tgt Ion:252 Resp: 109581
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 13.8 9.2 13.8#



#92
Benzo(g,h,i)perylene
Concen: 3.113 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF135374.D
Acq: 21 Sep 2023 11:57

Tgt Ion:276 Resp: 46343
Ion Ratio Lower Upper
276 100
277 24.7 18.8 28.2
138 24.0 16.9 25.3

