

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135376.D
 Acq On : 21 Sep 2023 12:58
 Operator : CG\JU
 Sample : 04407-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 306-TP-9-CS-4

Quant Time: Sep 22 05:54:09 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)

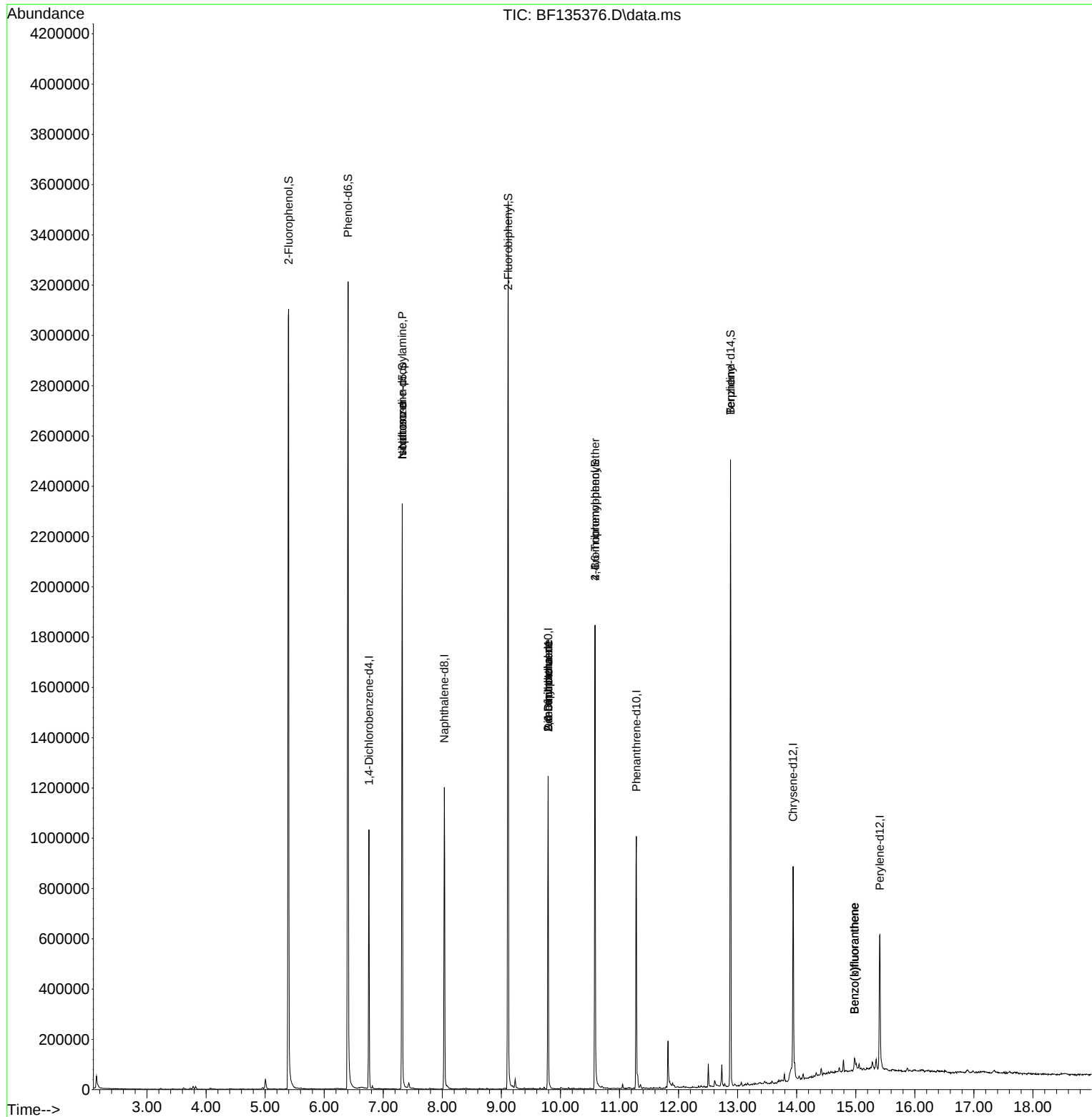
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	143339	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	524467	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	241542	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	382438	20.000	ng	0.00
76) Chrysene-d12	13.939	240	265685	20.000	ng	0.00
86) Perylene-d12	15.409	264	260630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	923465	104.784	ng	0.01
7) Phenol-d6	6.404	99	1162361	103.724	ng	0.00
23) Nitrobenzene-d5	7.322	82	708059	73.348	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	203528	84.791	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1146204	71.594	ng	-0.01
79) Terphenyl-d14	12.880	244	875158	51.063	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	92897	13.384	ng	# 81
25) Isophorone	7.322	82	708054	39.944	ng	# 65
50) Dimethylphthalate	9.792	163	45958	2.814	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	31120	8.699	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	31120	6.948	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	12911	3.394	ng	# 1
77) Benzidine	12.880	184	11562	2.124	ng	# 92
88) Benzo(b)fluoranthene	14.980	252	32031	2.270	ng	# 91
89) Benzo(k)fluoranthene	14.980	252	32031	2.298	ng	# 92

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

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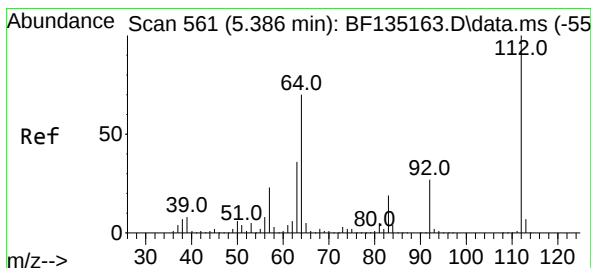
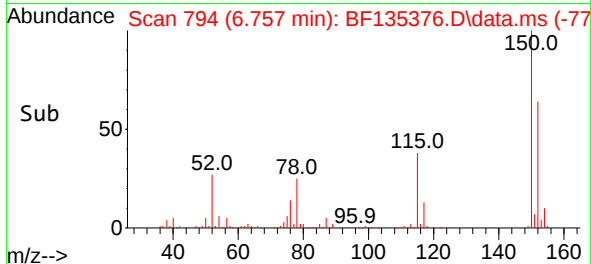
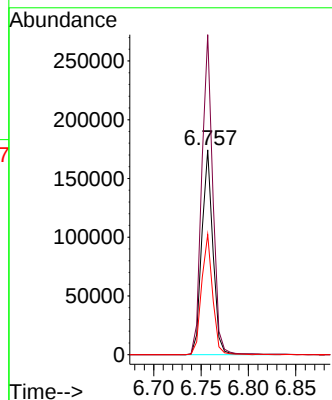
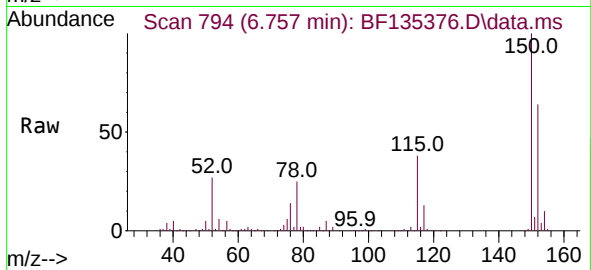




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: BF135376.D
 Acq: 21 Sep 2023 12:58

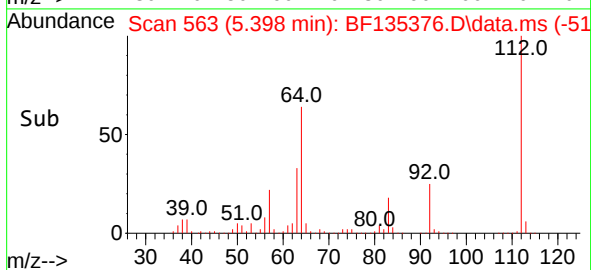
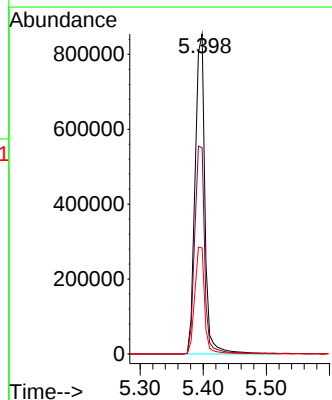
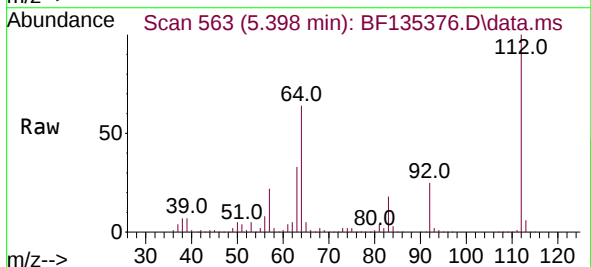
Instrument :
 BNA_F
 ClientSampleId :
 306-TP-9-CS-4

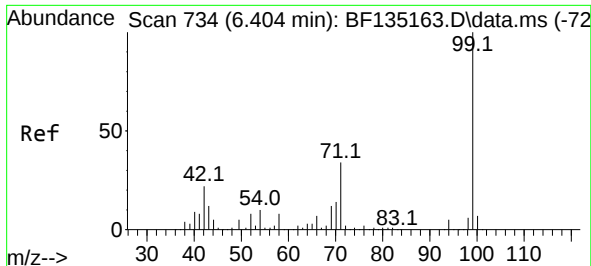
Tgt Ion:152 Resp: 143339
 Ion Ratio Lower Upper
 152 100
 150 156.2 127.8 191.6
 115 58.6 49.8 74.8



#5
 2-Fluorophenol
 Concen: 104.784 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135376.D
 Acq: 21 Sep 2023 12:58

Tgt Ion:112 Resp: 923465
 Ion Ratio Lower Upper
 112 100
 64 64.4 55.9 83.9
 63 33.1 29.0 43.6

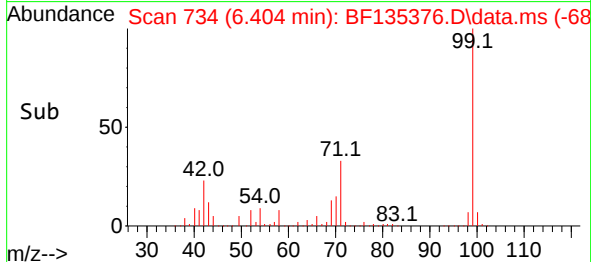
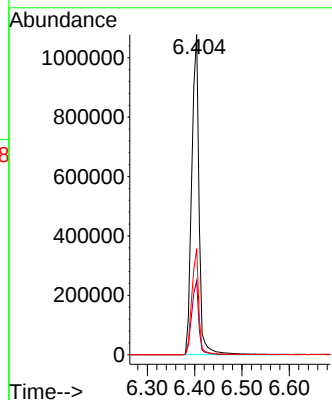
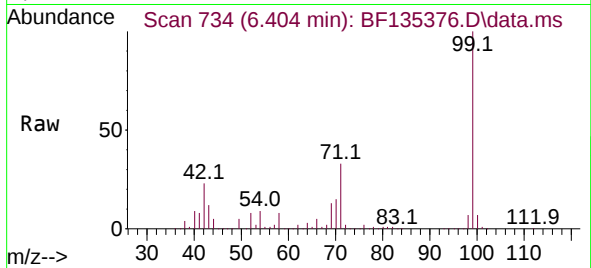




#7
Phenol-d6
Concen: 103.724 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

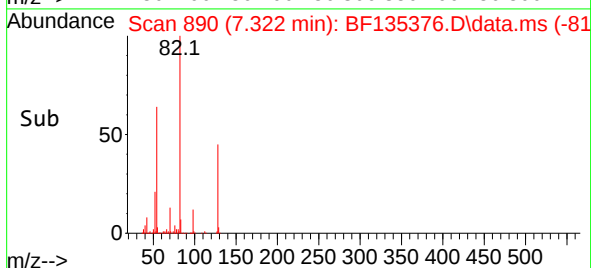
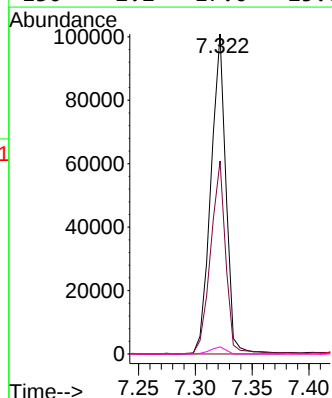
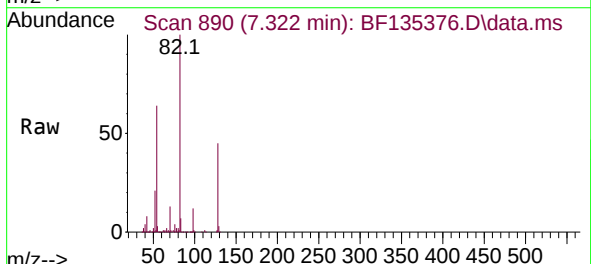
Instrument :
BNA_F
ClientSampleId :
306-TP-9-CS-4

Tgt Ion: 99 Resp: 1162361
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 33.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.384 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

Tgt Ion: 70 Resp: 92897
Ion Ratio Lower Upper
70 100
42 60.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

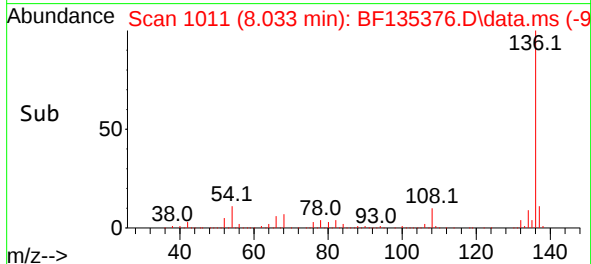
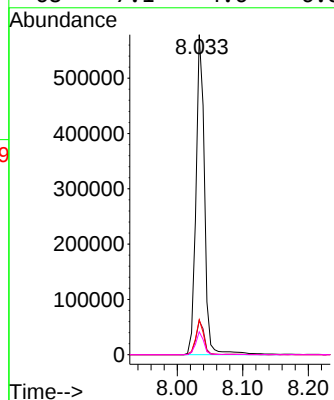
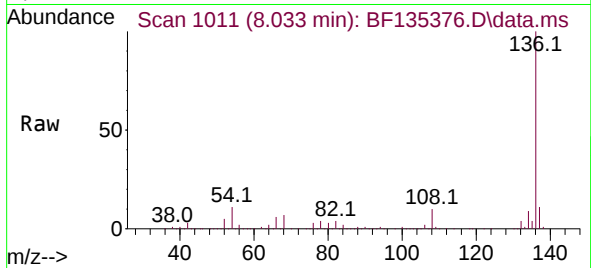




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

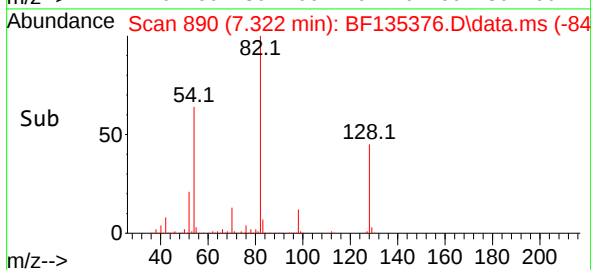
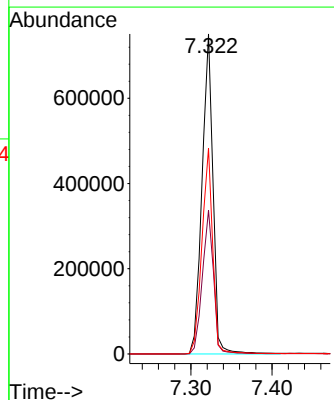
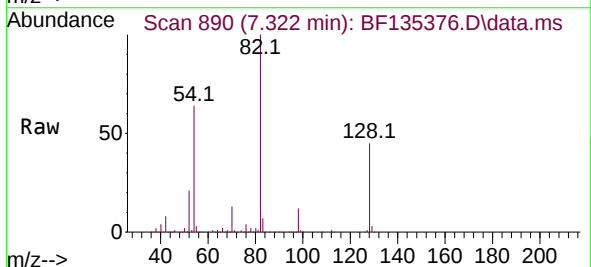
Instrument :
BNA_F
ClientSampleId :
306-TP-9-CS-4

Tgt Ion:	136	Resp:	524467
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	11.0	7.7	11.5
68	7.1	4.6	6.8



#23
Nitrobenzene-d5
Concen: 73.348 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

Tgt Ion:	82	Resp:	708059
Ion Ratio	Lower	Upper	
82	100		
128	44.9	35.8	53.6
54	64.3	50.6	76.0

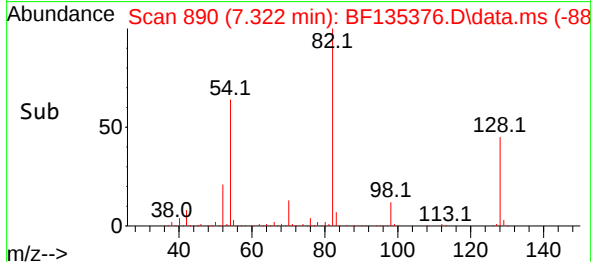
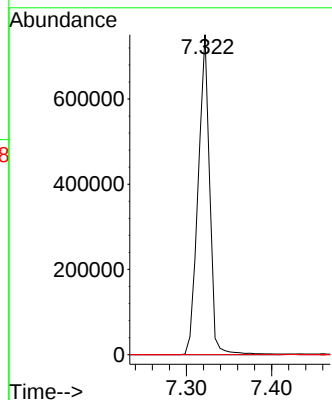
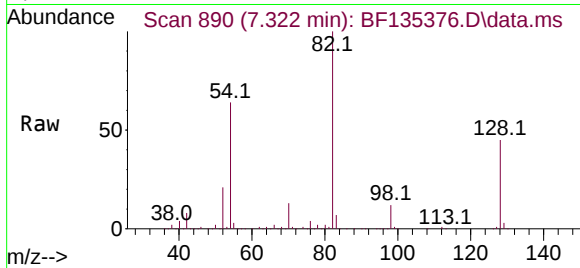




#25
Isophorone
Concen: 39.944 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

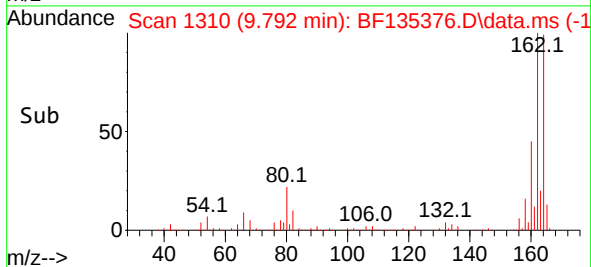
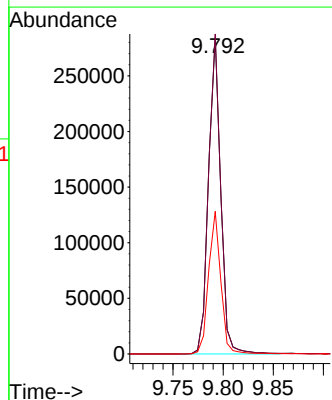
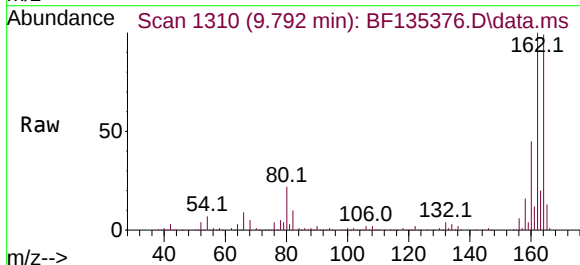
Instrument :
BNA_F
ClientSampleId :
306-TP-9-CS-4

Tgt Ion: 82 Resp: 708054
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: BF135376.D
Acq: 21 Sep 2023 12:58

Tgt Ion: 164 Resp: 241542
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 84.791 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF135376.D

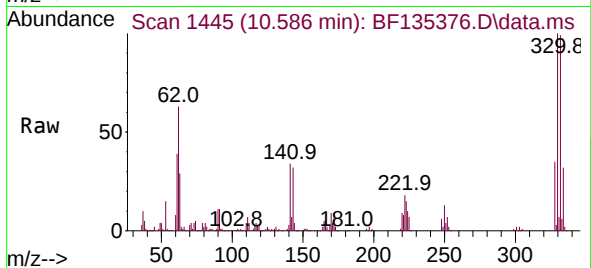
Acq: 21 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

306-TP-9-CS-4



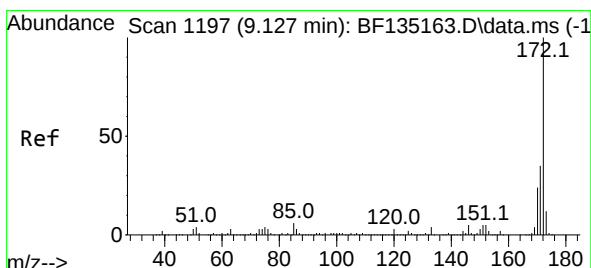
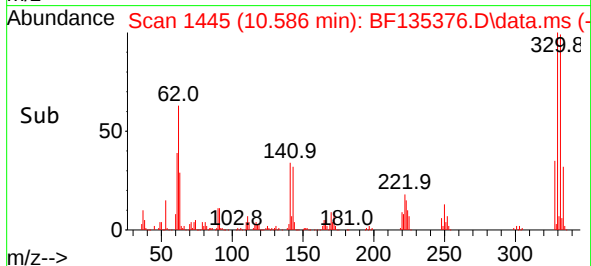
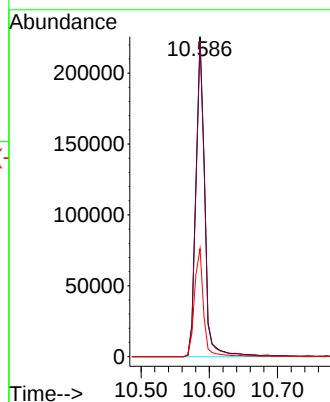
Tgt Ion:330 Resp: 203528

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 34.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 71.594 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135376.D

Acq: 21 Sep 2023 12:58

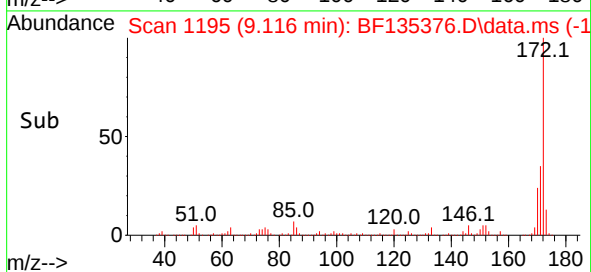
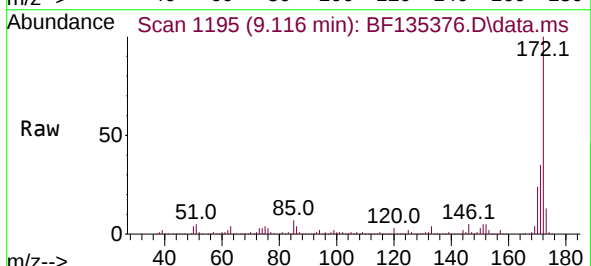
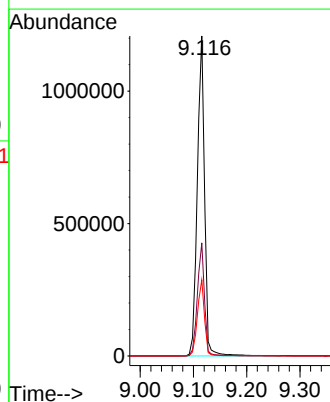
Tgt Ion:172 Resp: 1146204

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.8 19.0 28.4

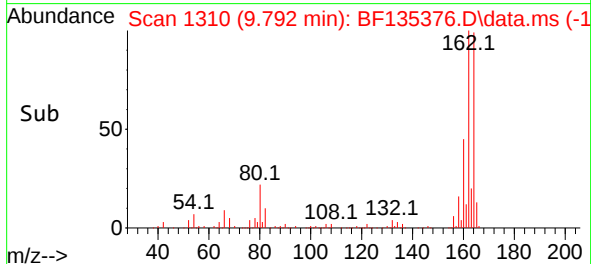
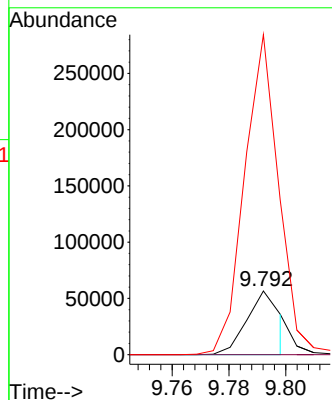
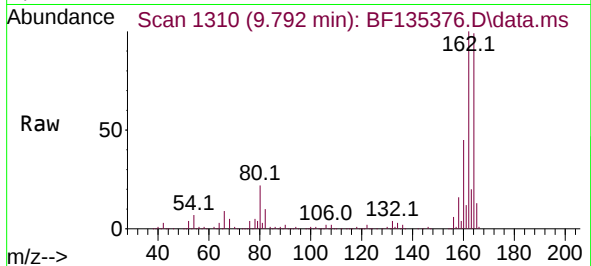




#50
Dimethylphthalate
Concen: 2.814 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

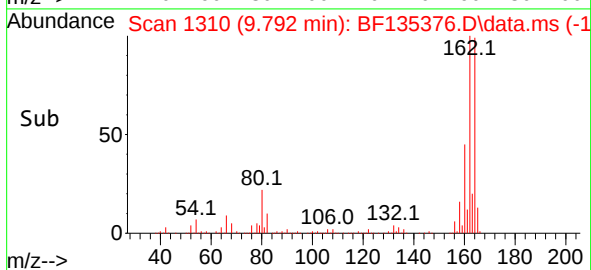
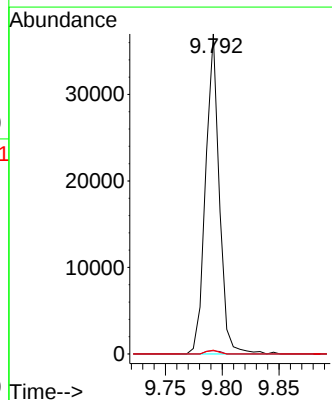
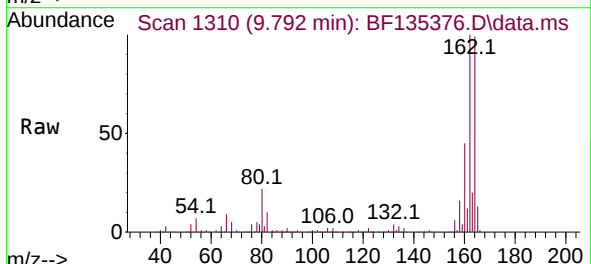
Instrument :
BNA_F
ClientSampleId :
306-TP-9-CS-4

Tgt Ion:163 Resp: 45958
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: 8.699 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

Tgt Ion:165 Resp: 31120
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.2 49.8 74.8#

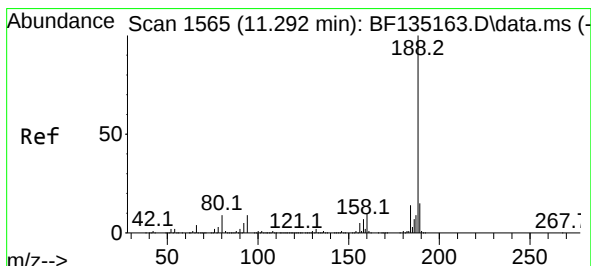
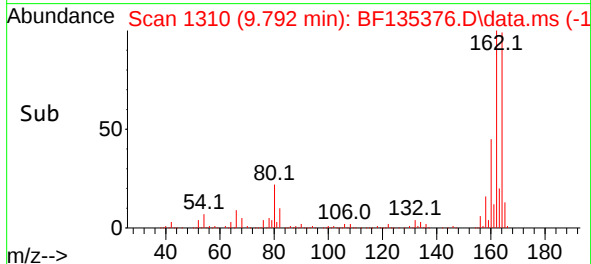
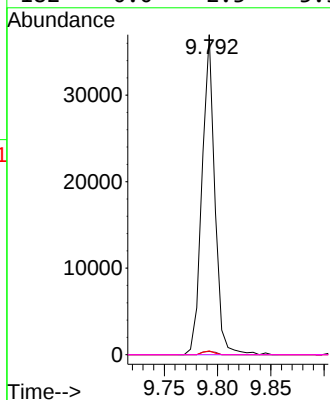
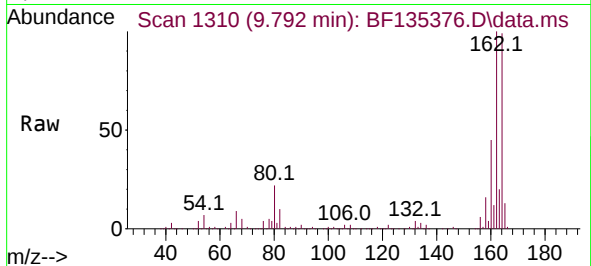




#57
2,4-Dinitrotoluene
Concen: 6.948 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

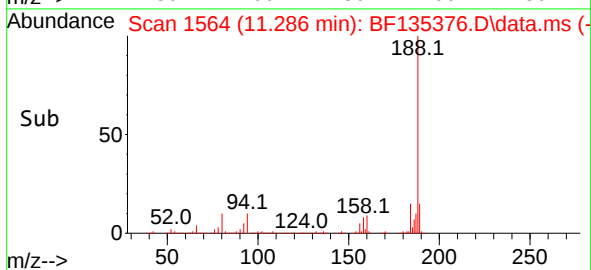
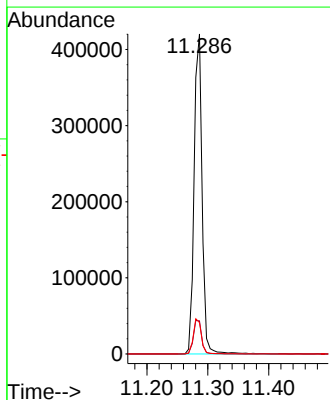
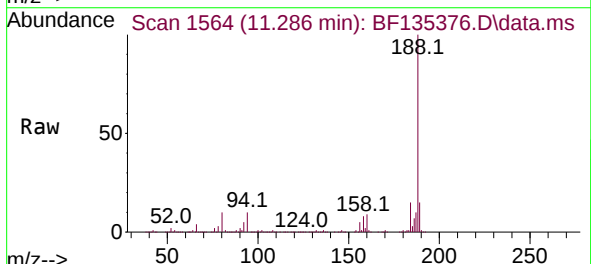
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ClientSampleId :
306-TP-9-CS-4

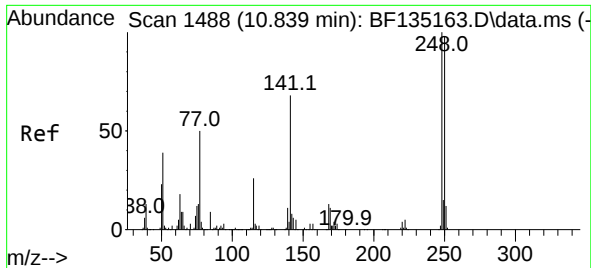
Tgt Ion:165	Resp:	31120
Ion Ratio	Lower	Upper
165	100	
63	1.0	50.1 75.1#
89	1.2	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

Tgt Ion:188	Resp:	382438
Ion Ratio	Lower	Upper
188	100	
94	10.4	7.0 10.6
80	9.8	7.5 11.3

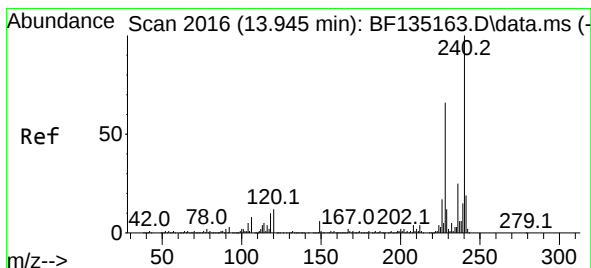
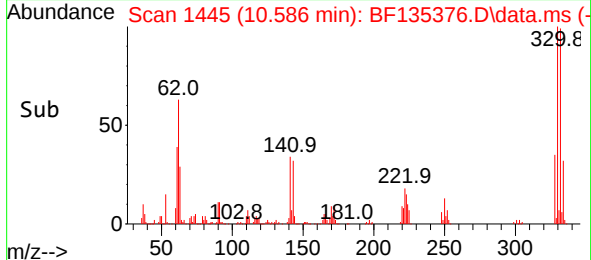
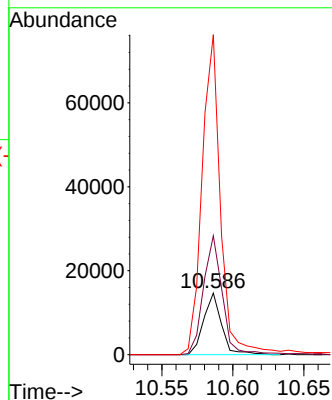
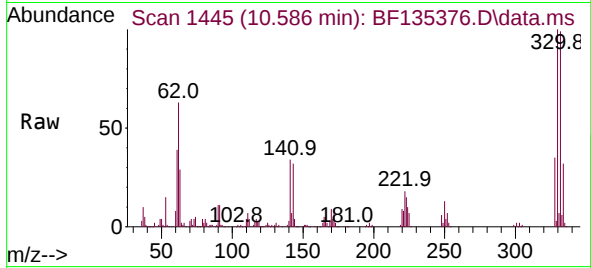




#67
4-Bromophenyl-phenylether
Concen: 3.394 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

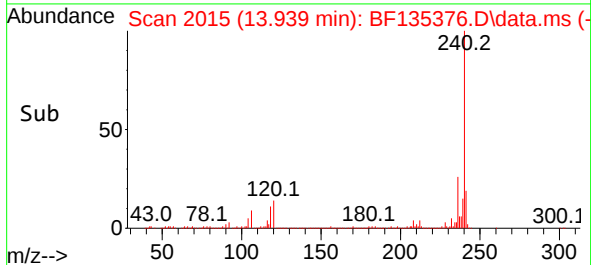
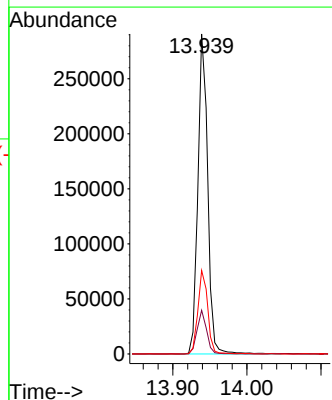
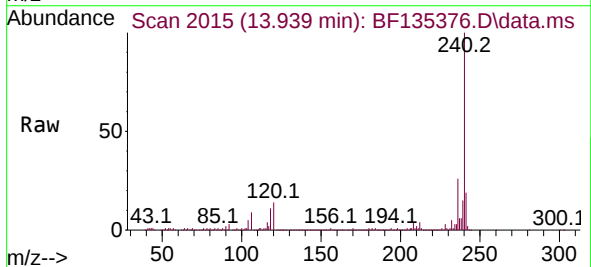
Instrument :
BNA_F
ClientSampleId :
306-TP-9-CS-4

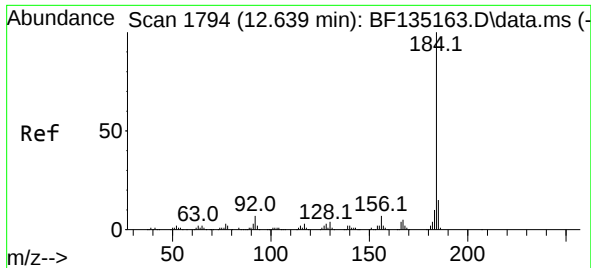
Tgt Ion:248 Resp: 12911
Ion Ratio Lower Upper
248 100
250 193.3 78.6 117.8#
141 520.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

Tgt Ion:240 Resp: 265685
Ion Ratio Lower Upper
240 100
120 13.7 9.4 14.2
236 26.1 19.8 29.8

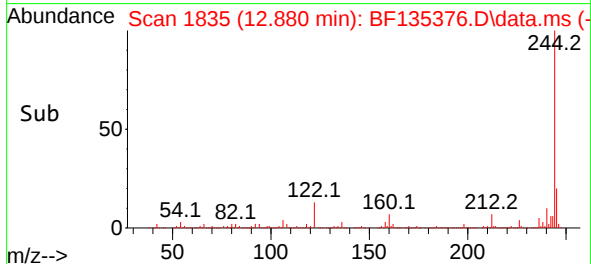
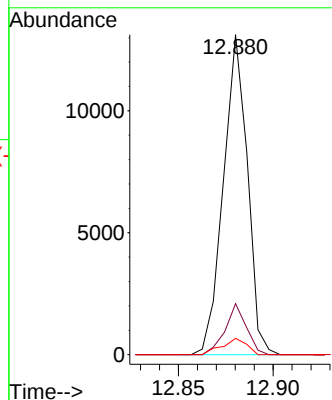
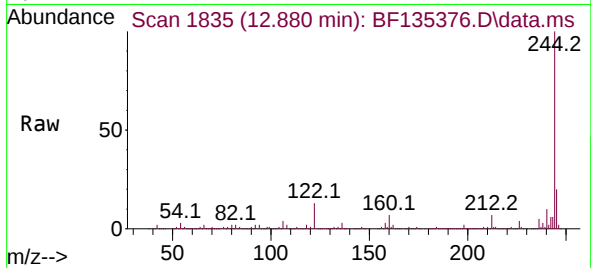




#77
Benzidine
Concen: 2.124 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.241 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

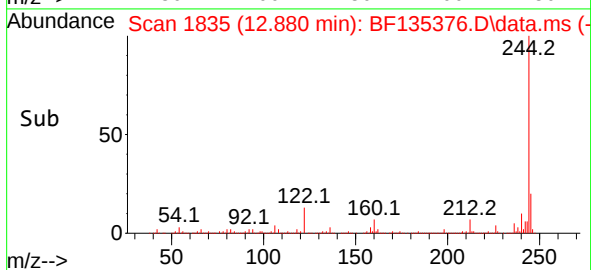
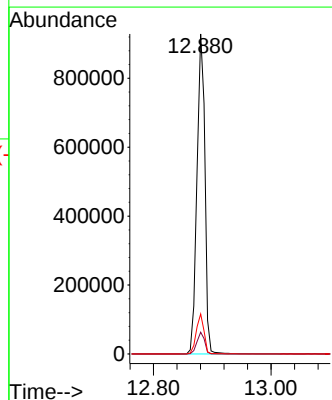
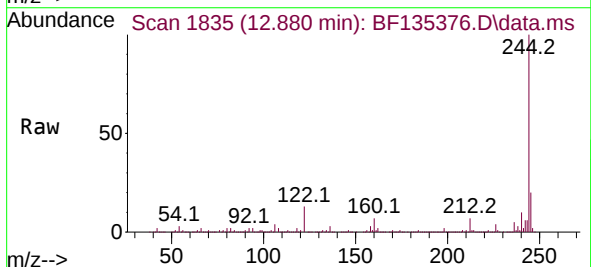
Instrument :
BNA_F
ClientSampleId :
306-TP-9-CS-4

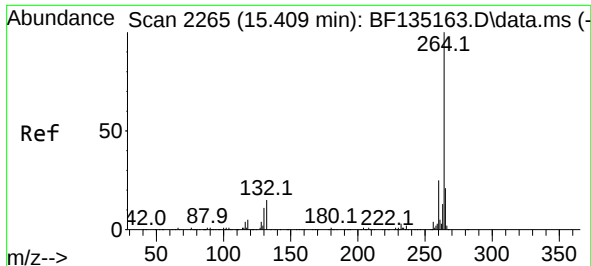
Tgt Ion:184 Resp: 11562
Ion Ratio Lower Upper
184 100
185 15.9 11.7 17.5
183 5.1 8.2 12.4#



#79
Terphenyl-d14
Concen: 51.063 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

Tgt Ion:244 Resp: 875158
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 12.5 7.9 11.9#

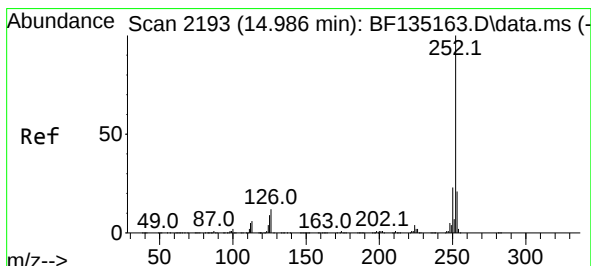
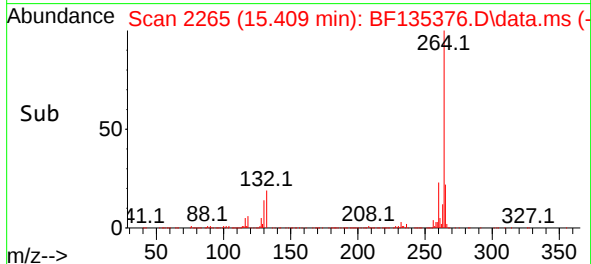
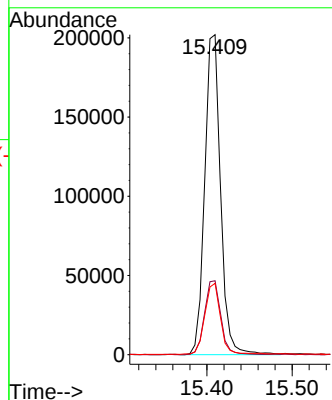
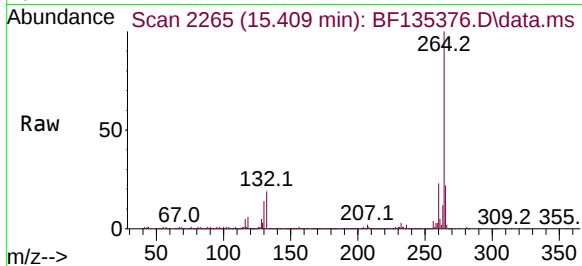




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

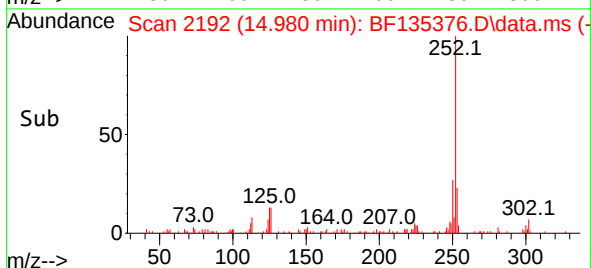
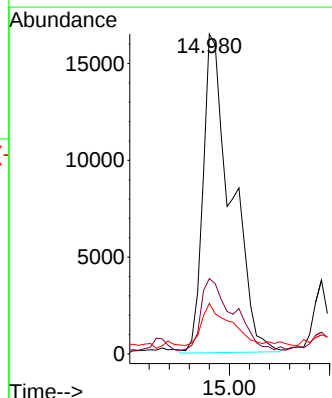
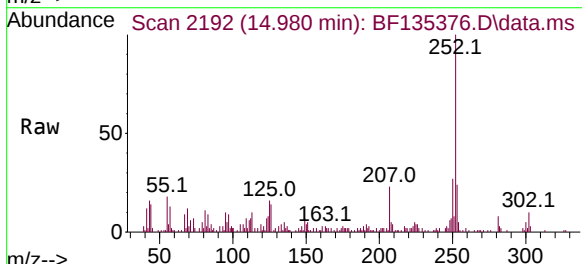
Instrument :
BNA_F
ClientSampleId :
306-TP-9-CS-4

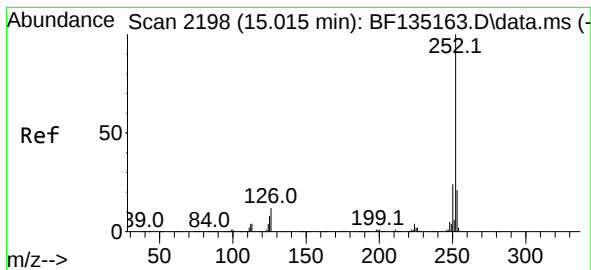
Tgt Ion:264 Resp: 260630
Ion Ratio Lower Upper
264 100
260 23.1 19.8 29.6
265 22.3 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 2.270 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

Tgt Ion:252 Resp: 32031
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 15.8 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 2.298 ng

RT: 14.980 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF135376.D

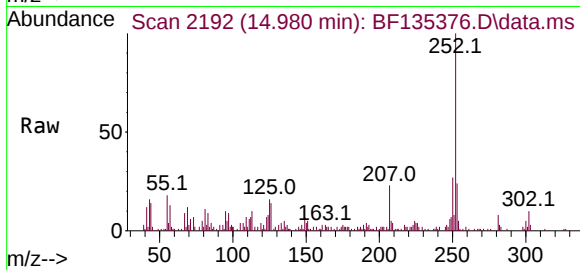
Acq: 21 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

306-TP-9-CS-4



Tgt Ion:252 Resp: 32031

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.0

125 15.8 7.2 10.8#

