

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135417.D
 Acq On : 23 Sep 2023 00:35
 Operator : CG\JU
 Sample : 04491-08 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B102-03

Quant Time: Sep 23 05:01:12 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)

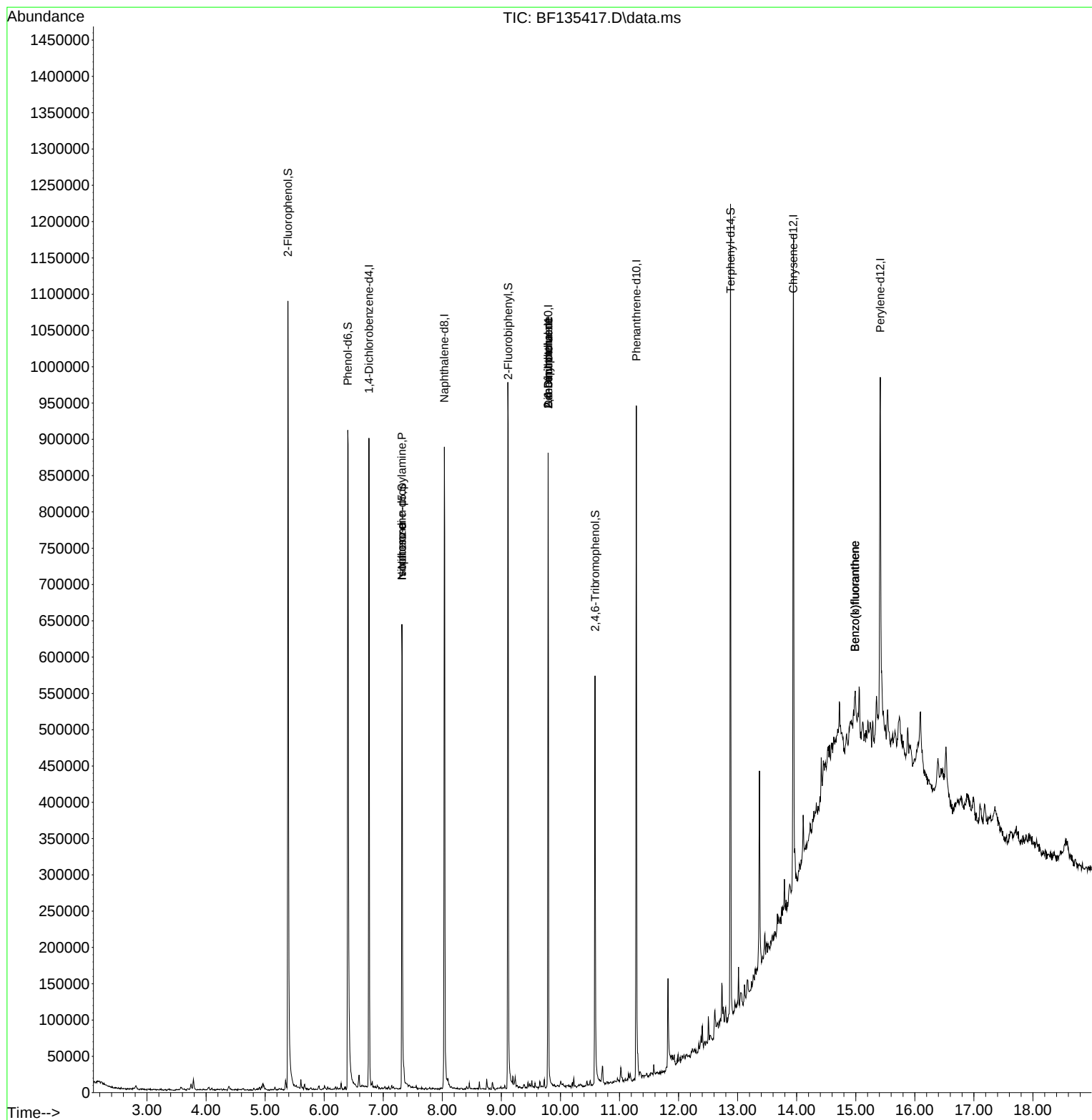
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	121658	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	408104	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	169512	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	330899	20.000	ng	0.00
76) Chrysene-d12	13.945	240	306282	20.000	ng	0.00
86) Perylene-d12	15.415	264	236275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	328812	43.959	ng	0.00
7) Phenol-d6	6.398	99	378605	39.806	ng	0.00
23) Nitrobenzene-d5	7.316	82	212490	28.288	ng	-0.02
42) 2,4,6-Tribromophenol	10.586	330	61005	36.215	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	339667	30.232	ng	-0.01
79) Terphenyl-d14	12.880	244	364008	18.424	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	27132	4.605	ng	# 77
25) Isophorone	7.316	82	212411	15.399	ng	# 65
50) Dimethylphthalate	9.792	163	30457	2.658	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	22008	8.766	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	22008	7.002	ng	# 19
88) Benzo(b)fluoranthene	14.986	252	27976	2.187	ng	# 62
89) Benzo(k)fluoranthene	14.986	252	27976	2.214	ng	# 62

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

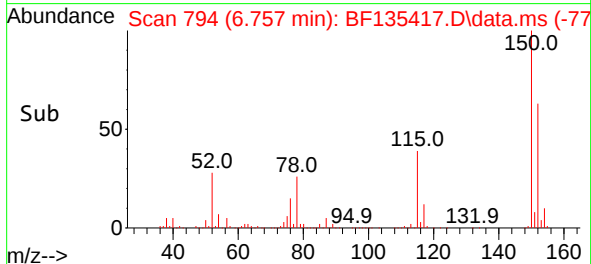
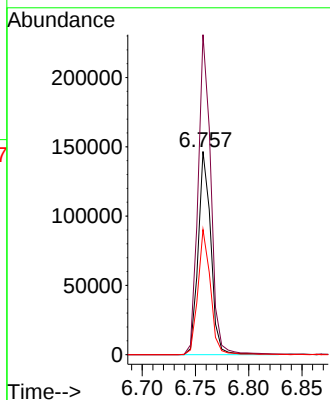
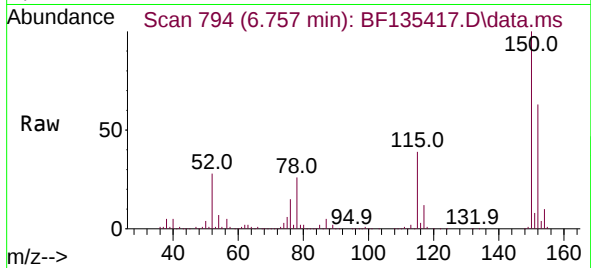




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135417.D
Acq: 23 Sep 2023 00:35

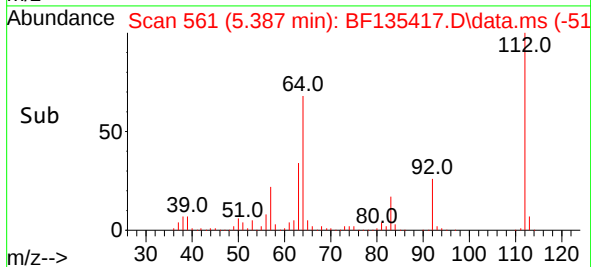
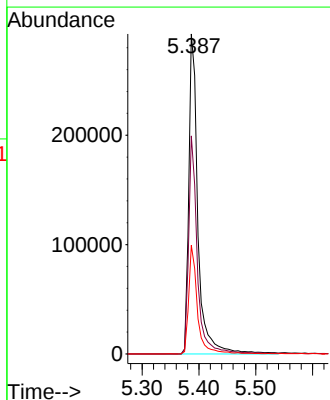
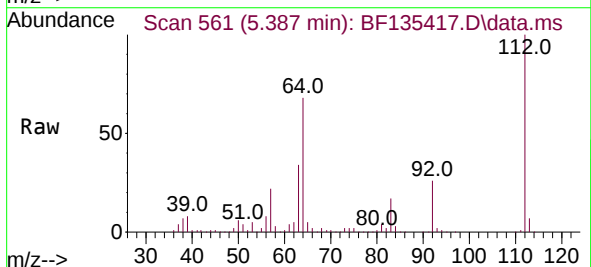
Instrument :
BNA_F
ClientSampleId :
B102-03

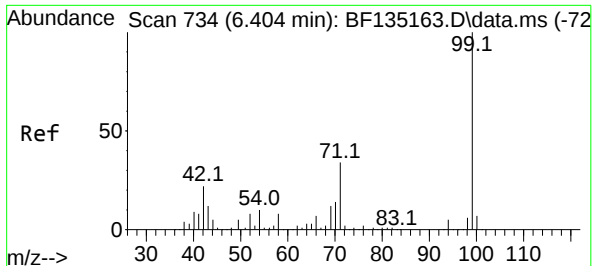
Tgt Ion:152 Resp: 121658
Ion Ratio Lower Upper
152 100
150 157.5 127.8 191.6
115 61.6 49.8 74.8



#5
2-Fluorophenol
Concen: 43.959 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135417.D
Acq: 23 Sep 2023 00:35

Tgt Ion:112 Resp: 328812
Ion Ratio Lower Upper
112 100
64 68.1 55.9 83.9
63 34.0 29.0 43.6

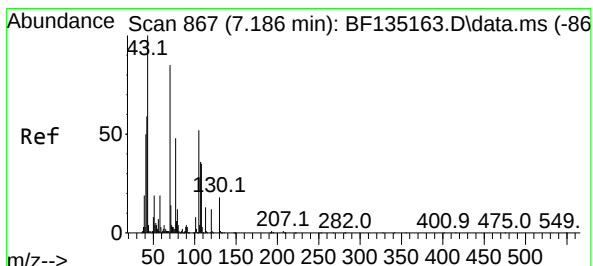
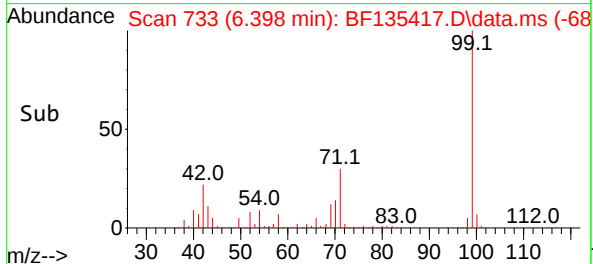
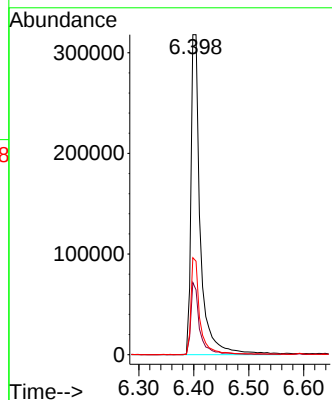
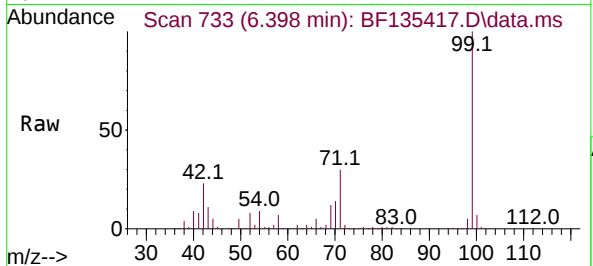




#7
Phenol-d6
Concen: 39.806 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135417.D
Acq: 23 Sep 2023 00:35

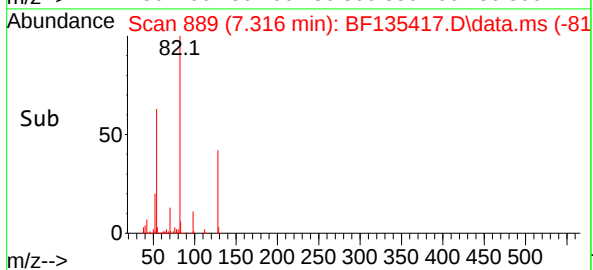
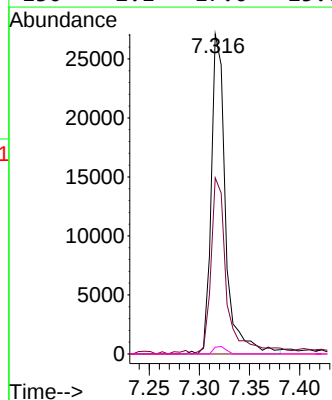
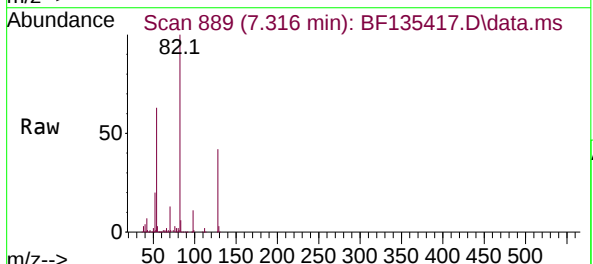
Instrument :
BNA_F
ClientSampleId :
B102-03

Tgt Ion: 99 Resp: 378605
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 30.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 4.605 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.129 min
Lab File: BF135417.D
Acq: 23 Sep 2023 00:35

Tgt Ion: 70 Resp: 27132
Ion Ratio Lower Upper
70 100
42 55.0 55.4 83.0#
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

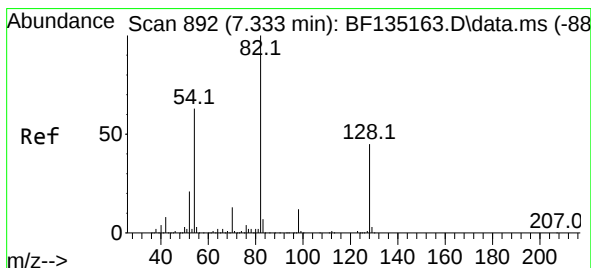
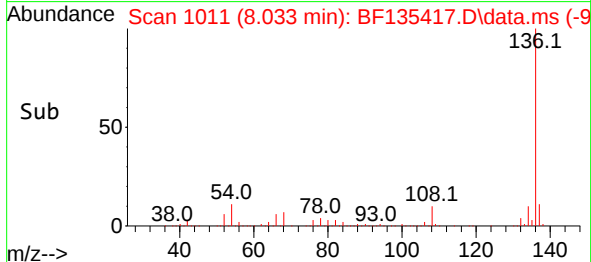
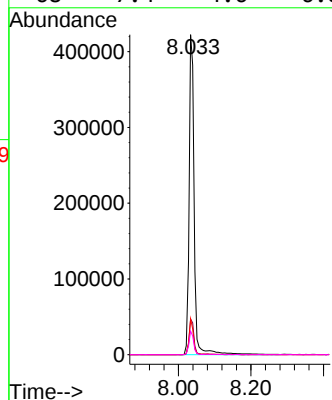
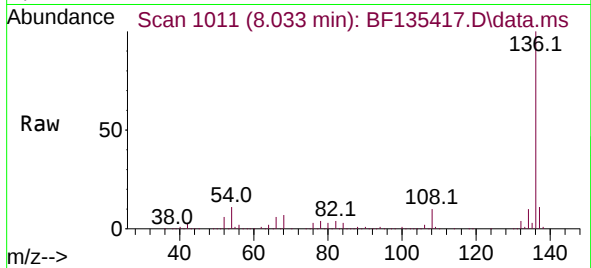




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135417.D
Acq: 23 Sep 2023 00:35

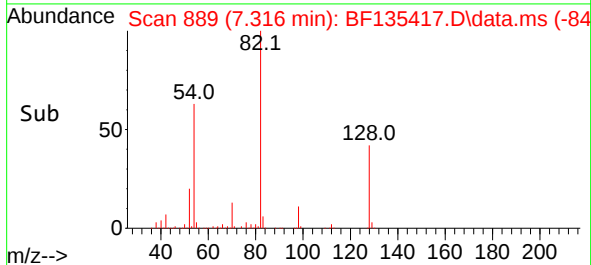
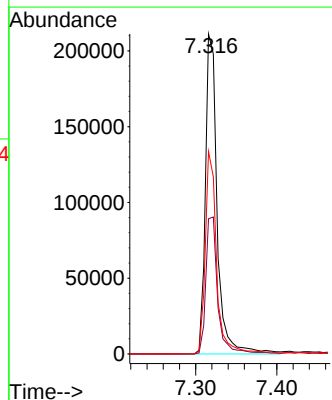
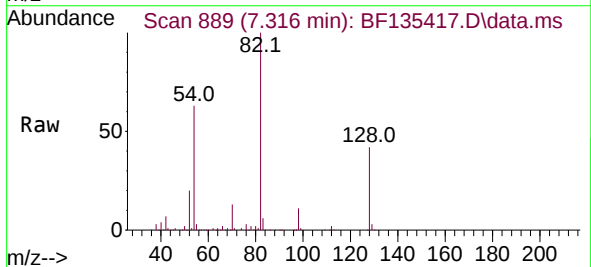
Instrument :
BNA_F
ClientSampleId :
B102-03

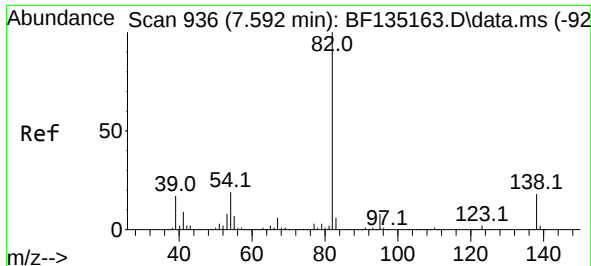
Tgt Ion:136 Resp: 408104
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.3 7.7 11.5
68 7.4 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 28.288 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.018 min
Lab File: BF135417.D
Acq: 23 Sep 2023 00:35

Tgt Ion: 82 Resp: 212490
Ion Ratio Lower Upper
82 100
128 42.3 35.8 53.6
54 63.3 50.6 76.0

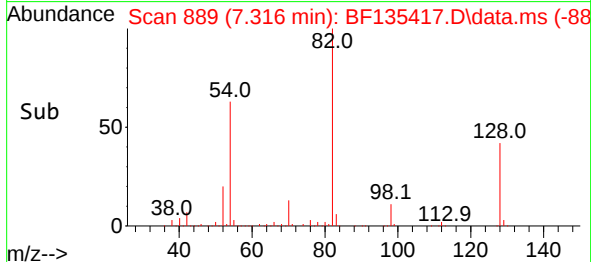
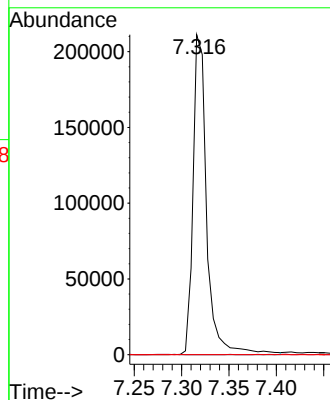
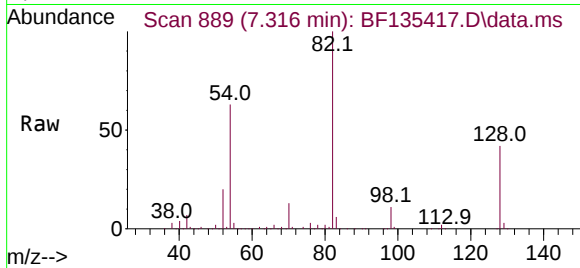




#25
Isophorone
Concen: 15.399 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF135417.D
Acq: 23 Sep 2023 00:35

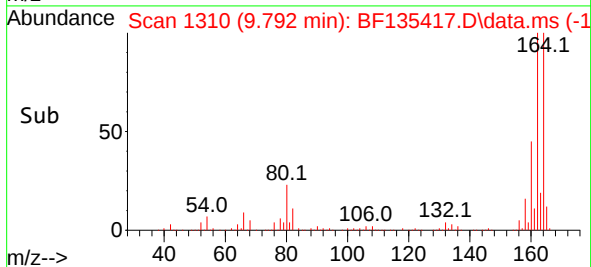
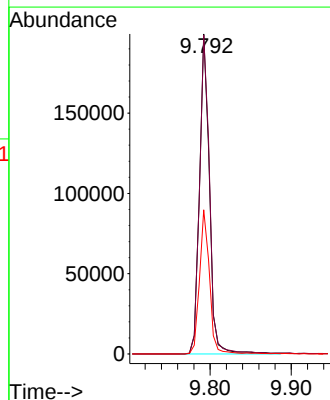
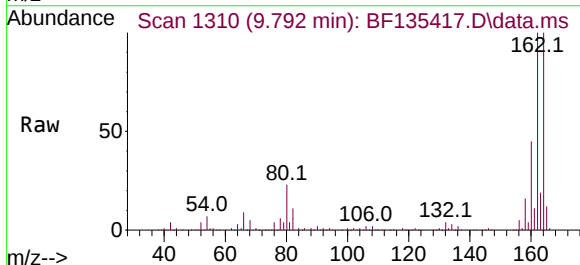
Instrument :
BNA_F
ClientSampleId :
B102-03

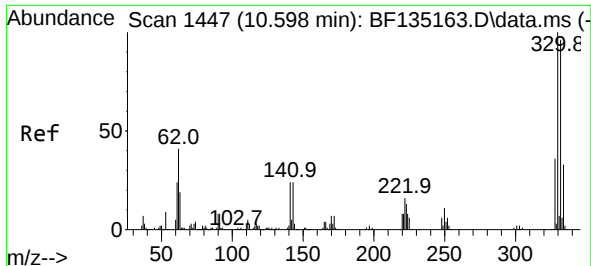
Tgt Ion: 82 Resp: 212411
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135417.D
Acq: 23 Sep 2023 00:35

Tgt Ion:164 Resp: 169512
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 45.0 37.0 55.4

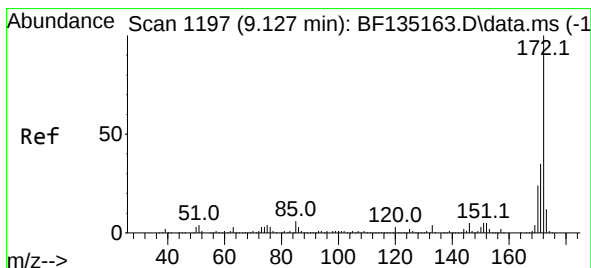
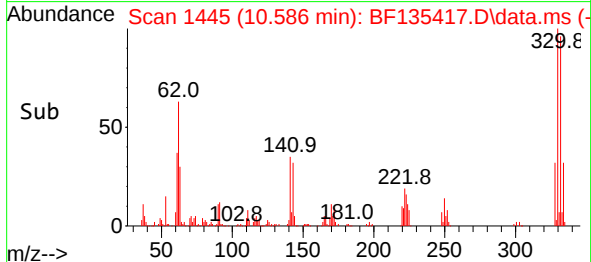
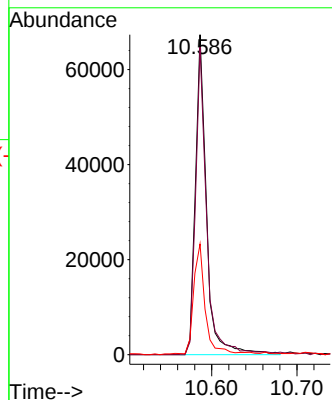
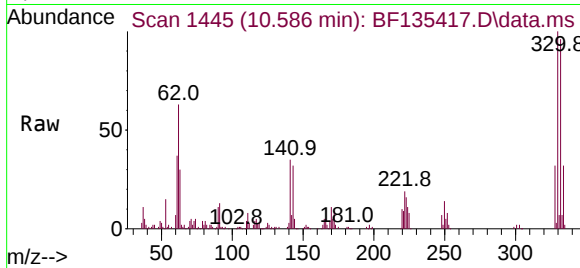




#42
 2,4,6-Tribromophenol
 Concen: 36.215 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF135417.D
 Acq: 23 Sep 2023 00:35

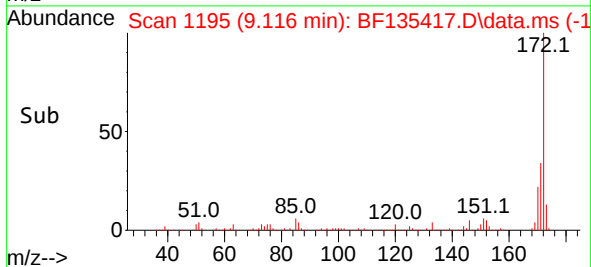
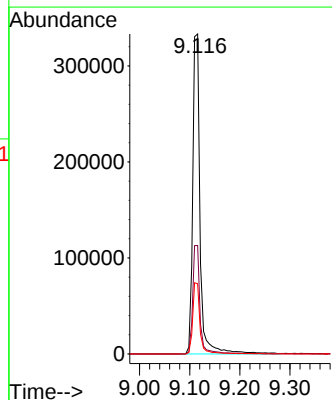
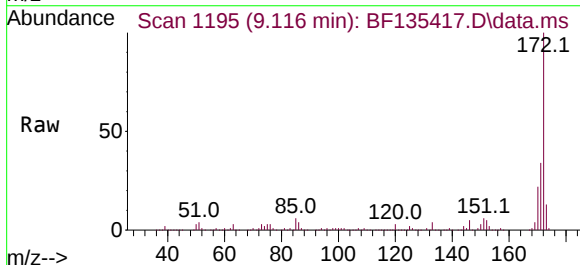
Instrument :
 BNA_F
 ClientSampleId :
 B102-03

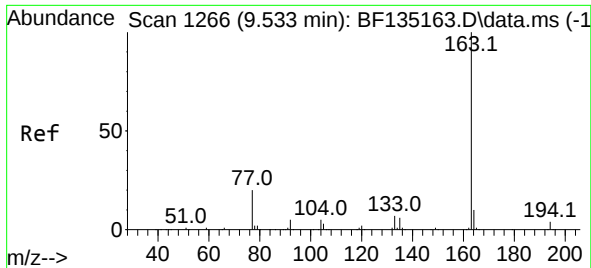
Tgt Ion:330 Resp: 61005
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.3 115.9
 141 37.4 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 30.232 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. -0.012 min
 Lab File: BF135417.D
 Acq: 23 Sep 2023 00:35

Tgt Ion:172 Resp: 339667
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.4 42.6
 170 22.0 19.0 28.4

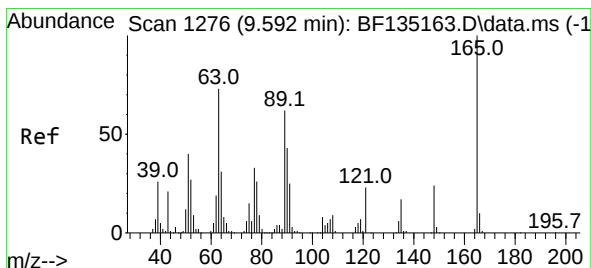
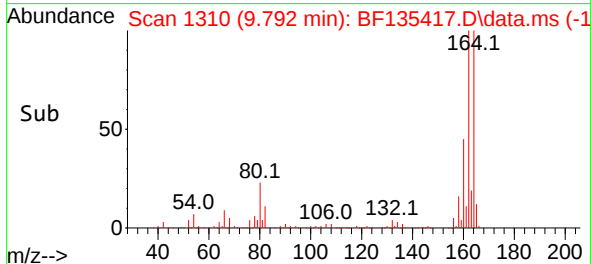
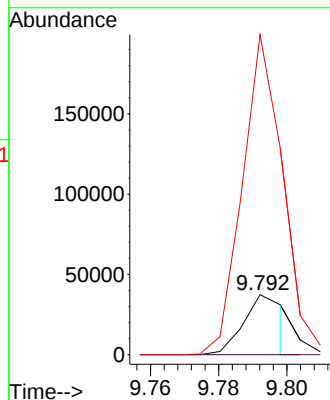
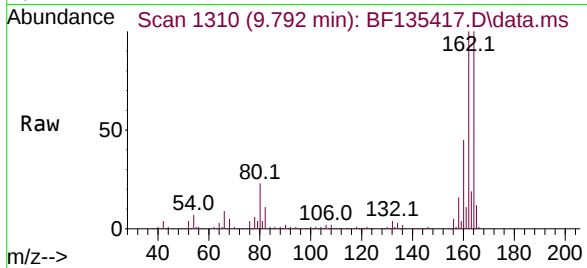




#50
Dimethylphthalate
Concen: 2.658 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135417.D
Acq: 23 Sep 2023 00:35

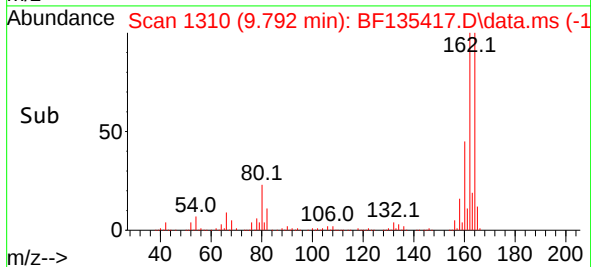
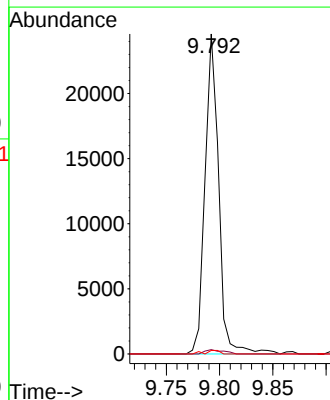
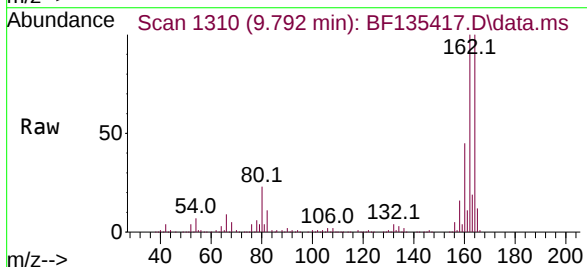
Instrument :
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ClientSampleId :
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Tgt Ion:163 Resp: 30457
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 532.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.766 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135417.D
Acq: 23 Sep 2023 00:35

Tgt Ion:165 Resp: 22008
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.1 49.8 74.8#

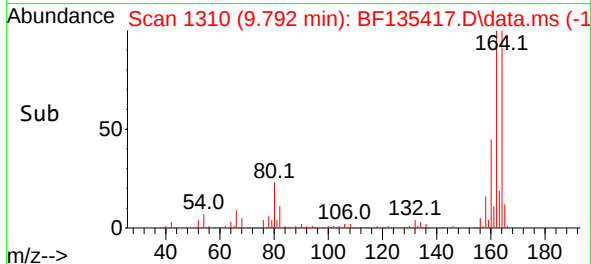
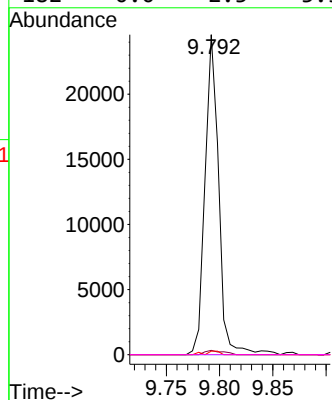
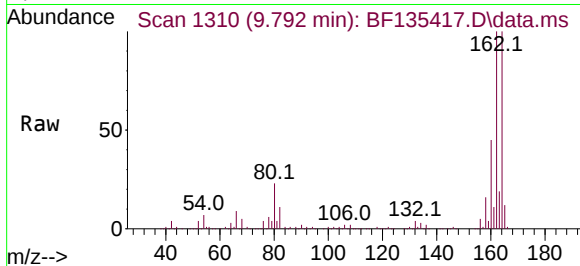




#57
2,4-Dinitrotoluene
Concen: 7.002 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135417.D
Acq: 23 Sep 2023 00:35

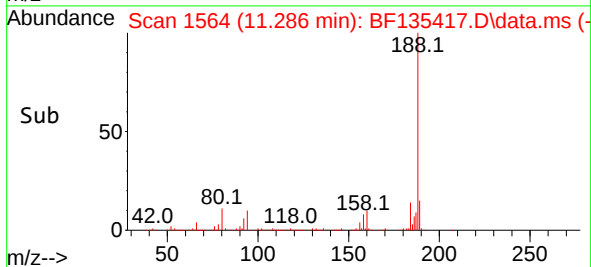
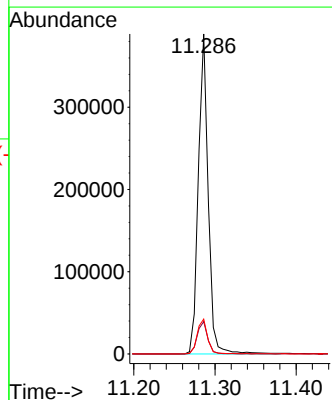
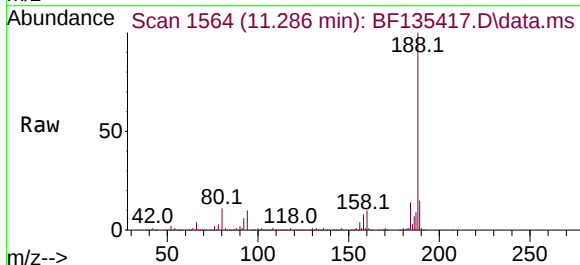
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BNA_F
ClientSampleId :
B102-03

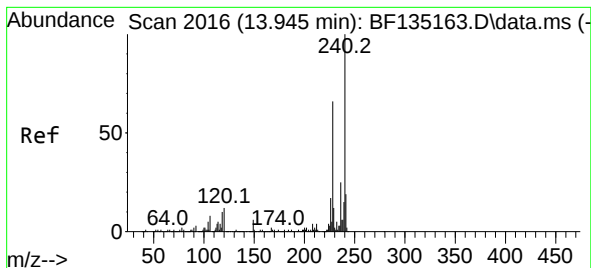
Tgt Ion:165	Resp:	22008
Ion Ratio	Lower	Upper
165	100	
63	1.3	50.1 75.1#
89	1.1	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135417.D
Acq: 23 Sep 2023 00:35

Tgt Ion:188	Resp:	330899
Ion Ratio	Lower	Upper
188	100	
94	10.1	7.0 10.6
80	10.9	7.5 11.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135417.D

Acq: 23 Sep 2023 00:35

Instrument :

BNA_F

ClientSampleId :

B102-03

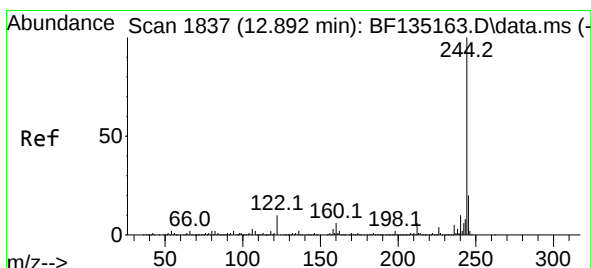
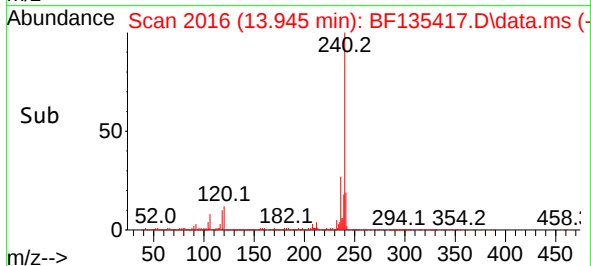
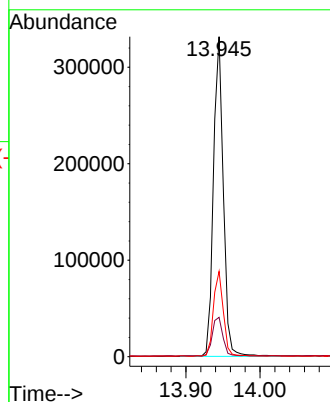
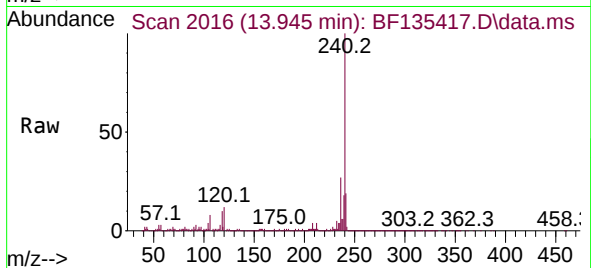
Tgt Ion:240 Resp: 306282

Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.2

236 26.7 19.8 29.8



#79

Terphenyl-d14

Concen: 18.424 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135417.D

Acq: 23 Sep 2023 00:35

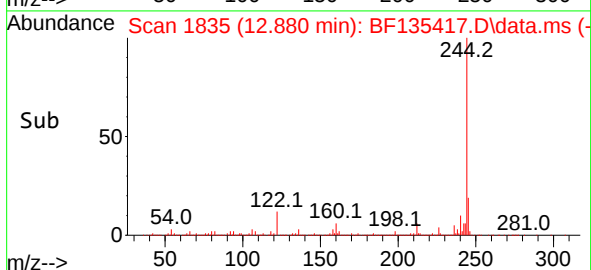
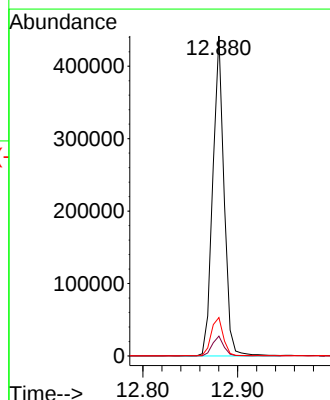
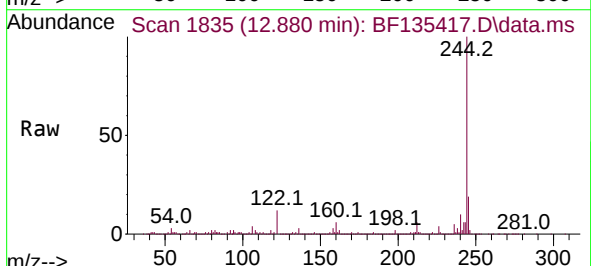
Tgt Ion:244 Resp: 364008

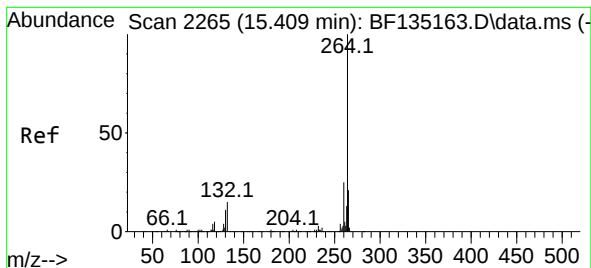
Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

122 12.0 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135417.D

Acq: 23 Sep 2023 00:35

Instrument :

BNA_F

ClientSampleId :

B102-03

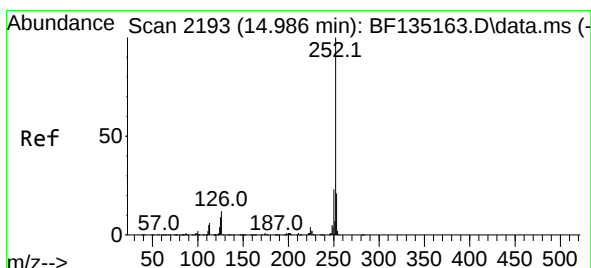
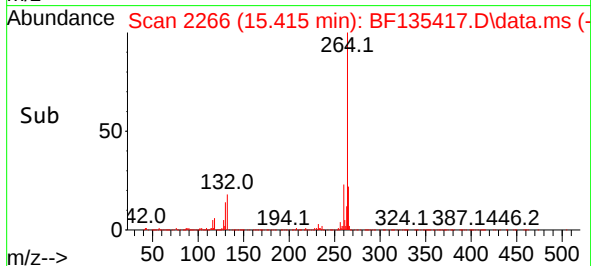
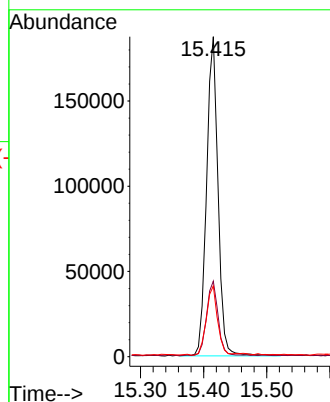
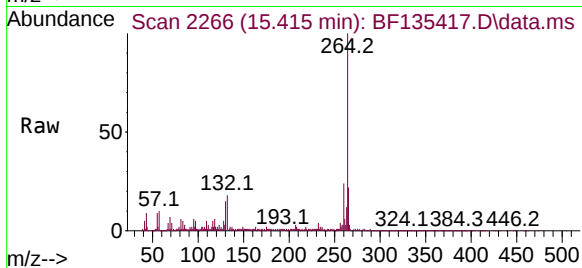
Tgt Ion:264 Resp: 236275

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 22.1 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 2.187 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135417.D

Acq: 23 Sep 2023 00:35

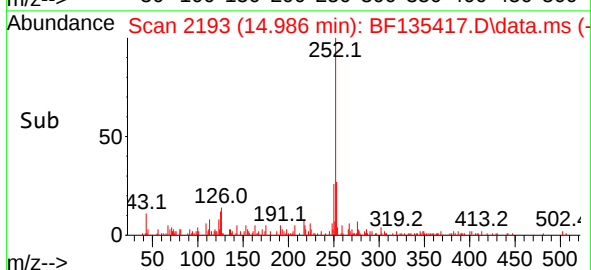
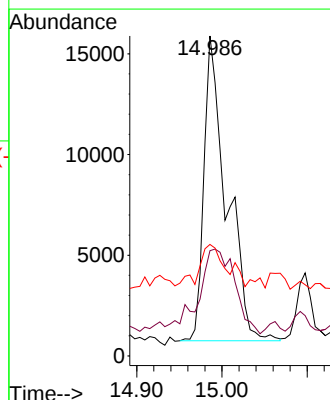
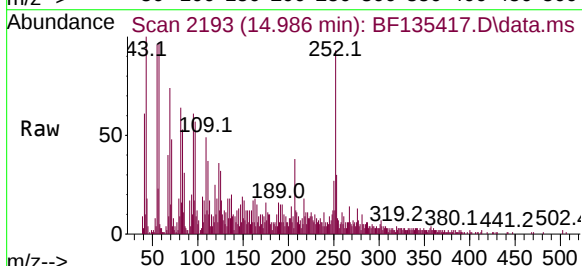
Tgt Ion:252 Resp: 27976

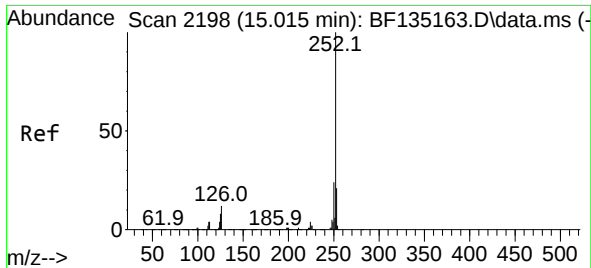
Ion Ratio Lower Upper

252 100

253 32.9 17.2 25.8#

125 34.9 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 2.214 ng

RT: 14.986 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF135417.D

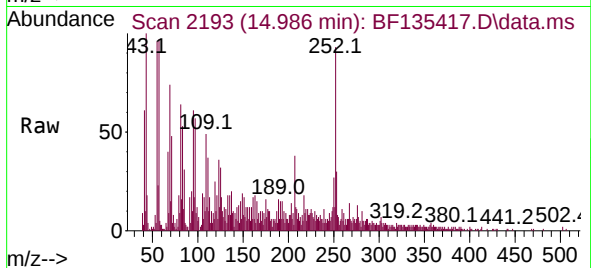
Acq: 23 Sep 2023 00:35

Instrument :

BNA_F

ClientSampleId :

B102-03



Tgt Ion:252 Resp: 27976

Ion Ratio Lower Upper

252 100

253 32.9 17.4 26.0#

125 34.9 7.2 10.8#

