

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135388.D
 Acq On : 21 Sep 2023 19:16
 Operator : CG\JU
 Sample : 04394-06 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT103-14

Quant Time: Sep 22 05:58:42 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)

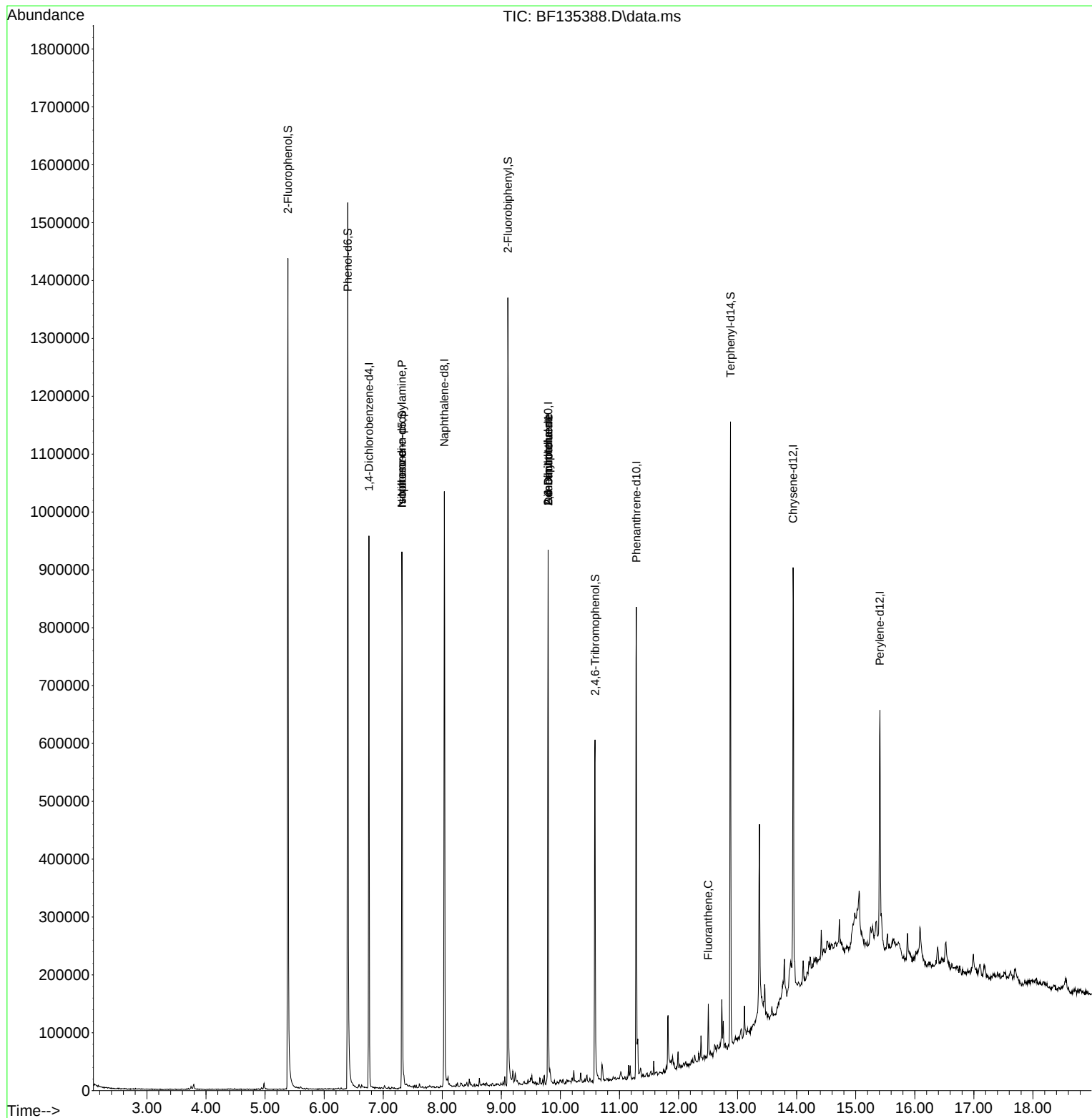
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	126084	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	445531	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	177775	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	311745	20.000	ng	0.00
76) Chrysene-d12	13.939	240	239920	20.000	ng	0.00
86) Perylene-d12	15.410	264	184510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	397768	51.311	ng	0.00
7) Phenol-d6	6.398	99	491727	49.885	ng	0.00
23) Nitrobenzene-d5	7.316	82	277023	33.781	ng	-0.02
42) 2,4,6-Tribromophenol	10.586	330	70665	39.999	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	447113	37.945	ng	-0.02
79) Terphenyl-d14	12.880	244	375942	24.291	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.316	70	36391	5.960	ng	# 80
25) Isophorone	7.316	82	277021	18.396	ng	# 65
50) Dimethylphthalate	9.792	163	34427	2.864	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	23465	8.912	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	23465	7.118	ng	# 19
75) Fluoranthene	12.504	202	35677	2.322	ng	97

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

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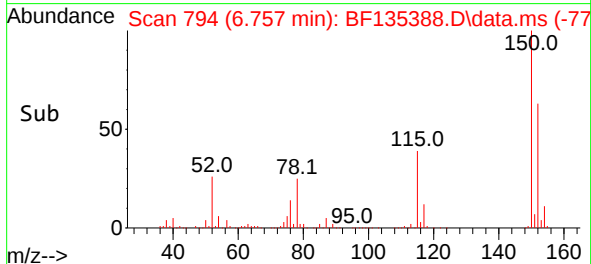
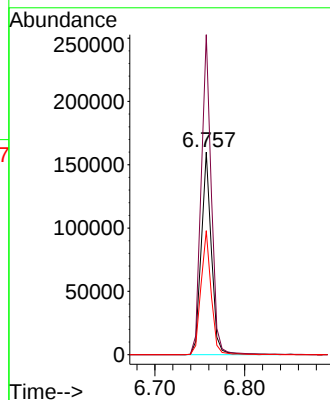
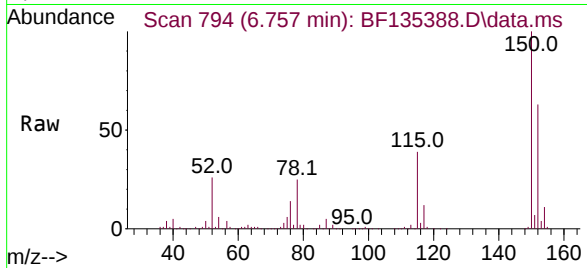




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

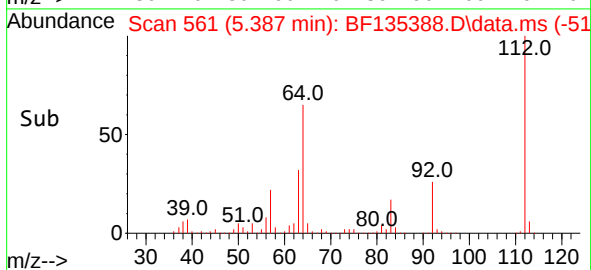
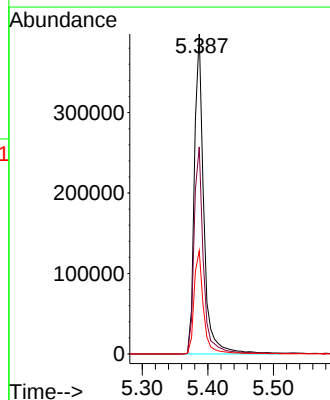
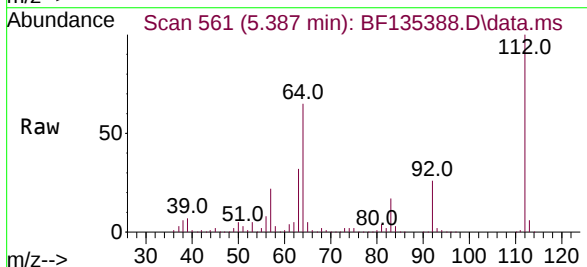
Instrument :
BNA_F
ClientSampleId :
CPT103-14

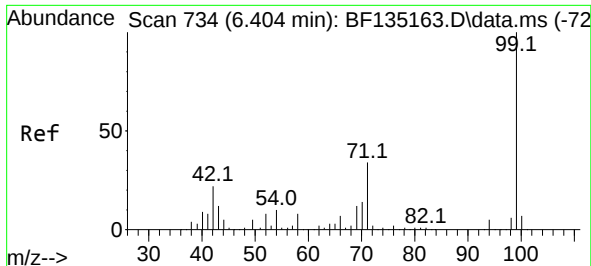
Tgt Ion:152 Resp: 126084
Ion Ratio Lower Upper
152 100
150 158.0 127.8 191.6
115 61.2 49.8 74.8



#5
2-Fluorophenol
Concen: 51.311 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

Tgt Ion:112 Resp: 397768
Ion Ratio Lower Upper
112 100
64 64.7 55.9 83.9
63 32.3 29.0 43.6

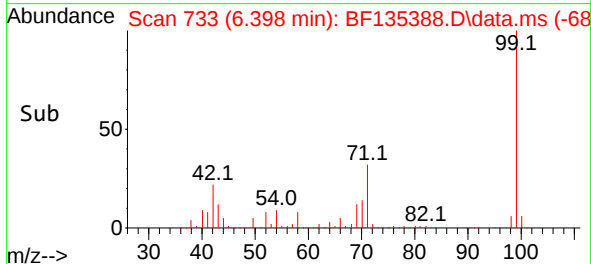
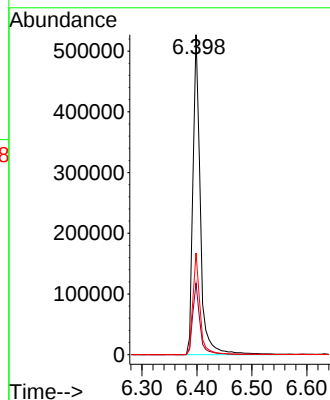
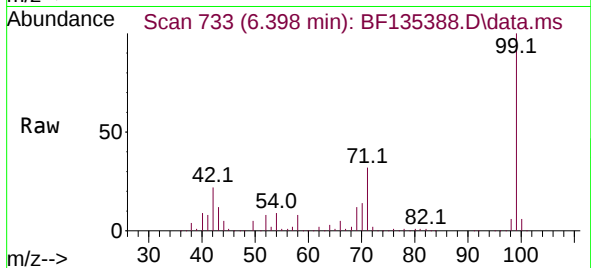




#7
Phenol-d6
Concen: 49.885 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

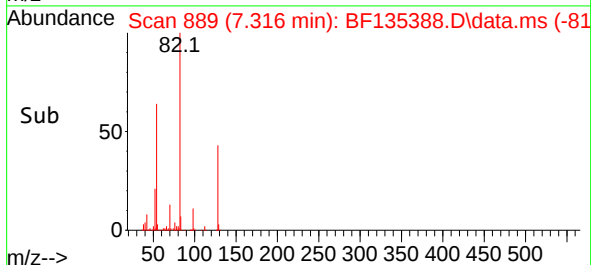
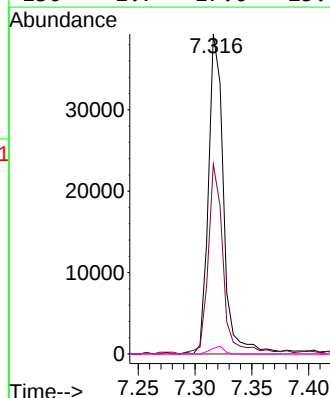
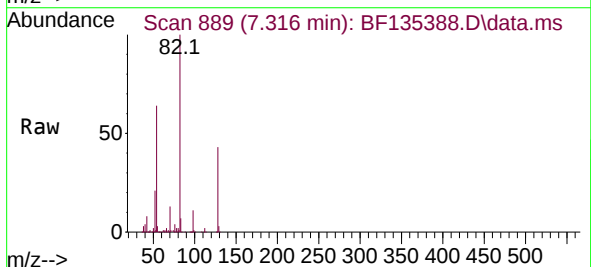
Instrument :
BNA_F
ClientSampleId :
CPT103-14

Tgt Ion: 99 Resp: 491727
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 31.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 5.960 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.130 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

Tgt Ion: 70 Resp: 36391
Ion Ratio Lower Upper
70 100
42 59.3 55.4 83.0
101 0.0 7.7 11.5#
130 1.7 17.0 25.6#

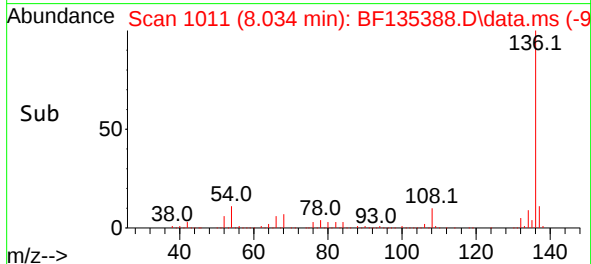
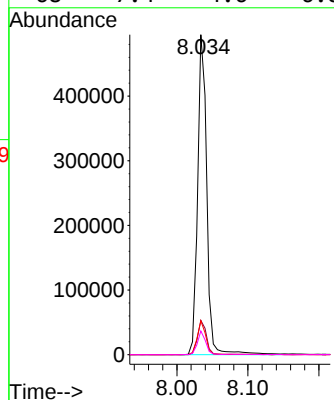
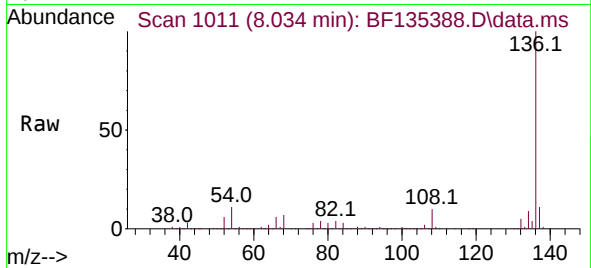




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

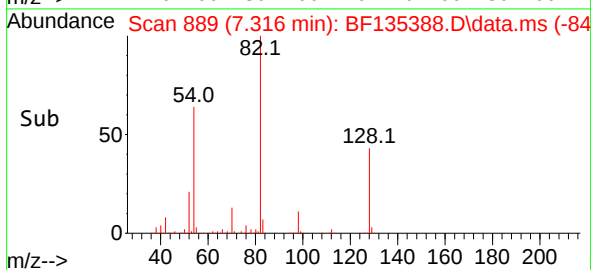
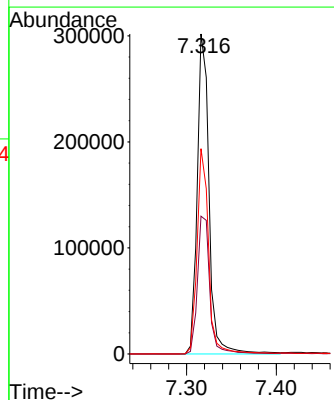
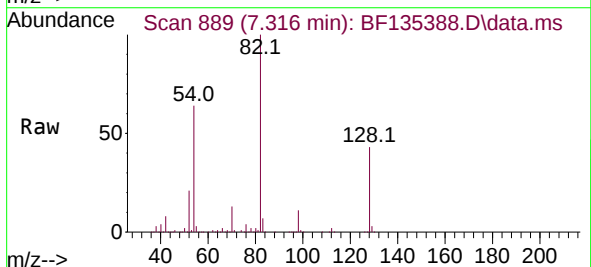
Instrument :
BNA_F
ClientSampleId :
CPT103-14

Tgt Ion:136 Resp: 445531
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.6 7.7 11.5
68 7.4 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 33.781 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.017 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

Tgt Ion: 82 Resp: 277023
Ion Ratio Lower Upper
82 100
128 43.1 35.8 53.6
54 64.1 50.6 76.0

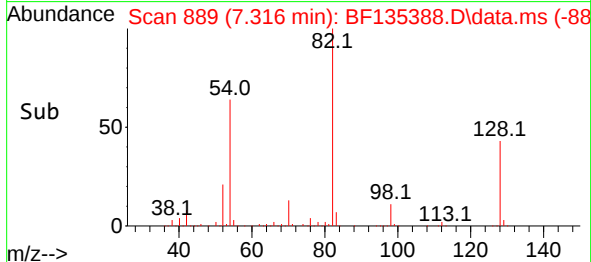
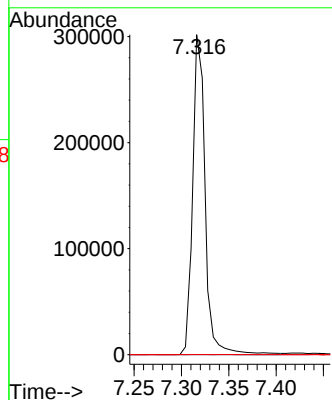
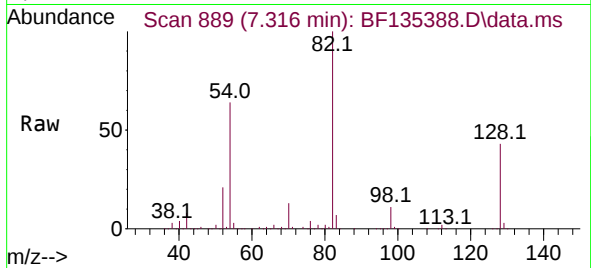




#25
Isophorone
Concen: 18.396 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

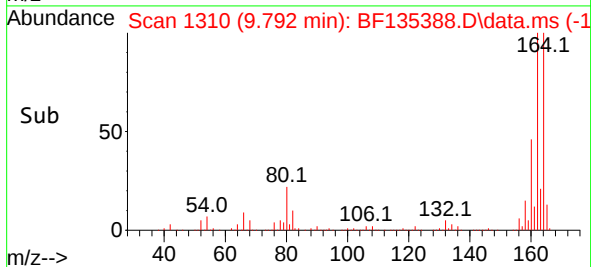
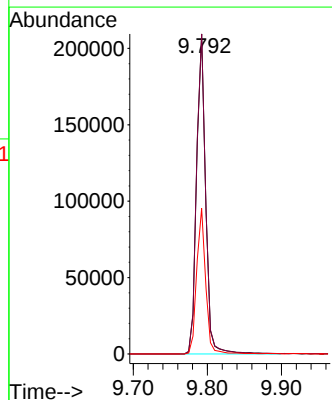
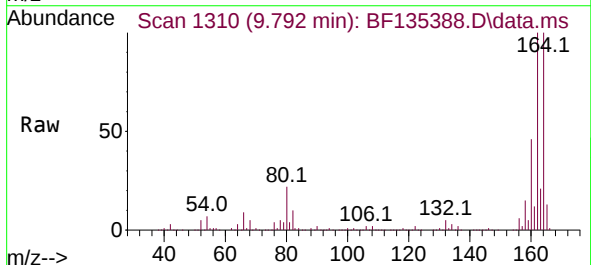
Instrument :
BNA_F
ClientSampleId :
CPT103-14

Tgt Ion: 82 Resp: 277021
Ion Ratio Lower Upper
82 100
95 0.1 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: BF135388.D
Acq: 21 Sep 2023 19:16

Tgt Ion: 164 Resp: 177775
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 45.5 37.0 55.4

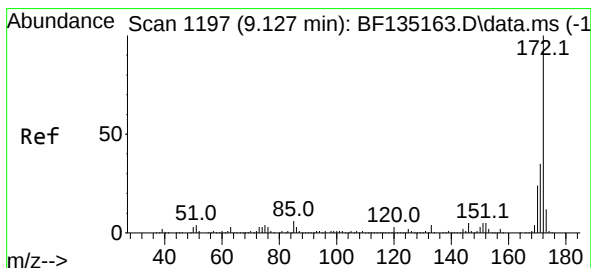
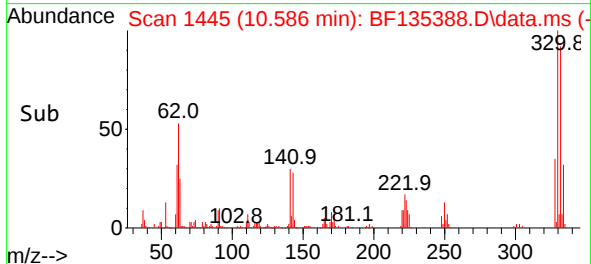
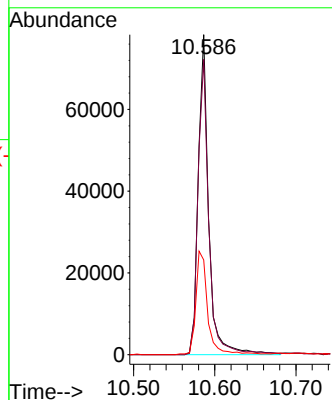
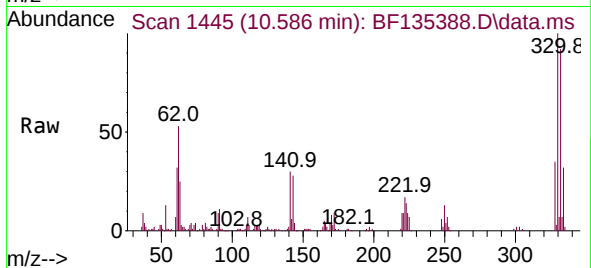




#42
2,4,6-Tribromophenol
Concen: 39.999 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

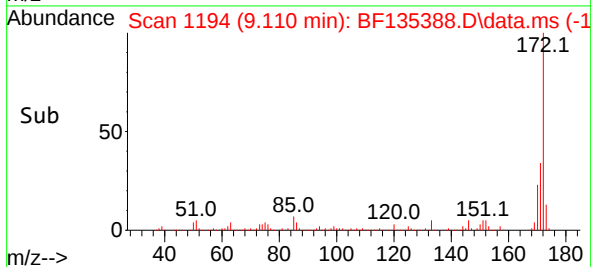
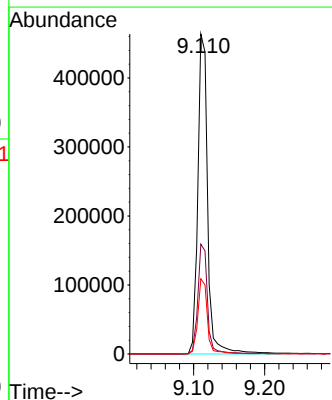
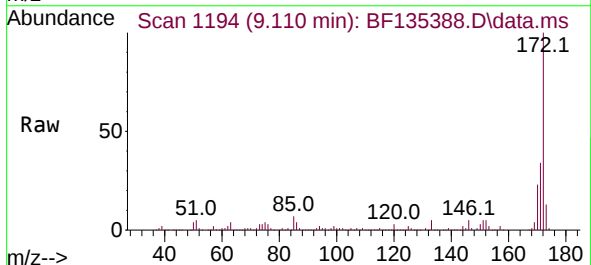
Instrument :
BNA_F
ClientSampleId :
CPT103-14

Tgt Ion: 330 Resp: 70665
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 36.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 37.945 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.017 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

Tgt Ion: 172 Resp: 447113
Ion Ratio Lower Upper
172 100
171 34.3 28.4 42.6
170 23.5 19.0 28.4

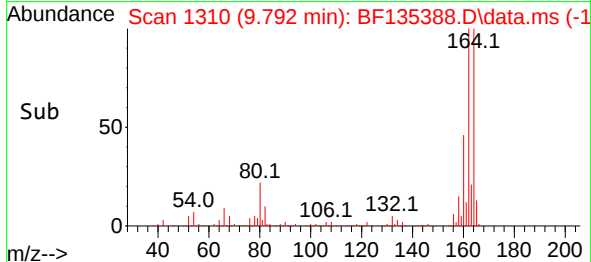
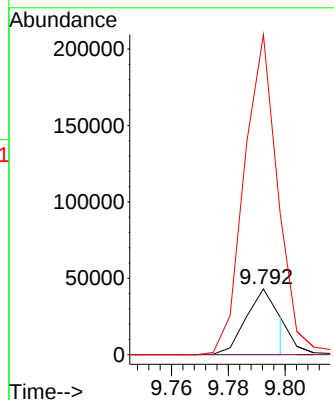
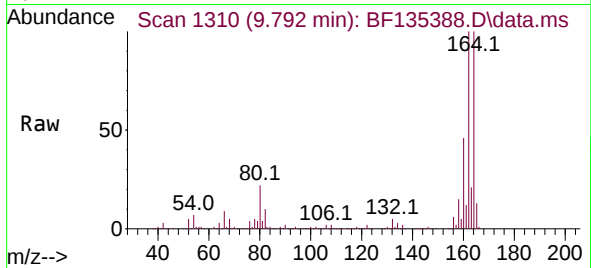




#50
Dimethylphthalate
Concen: 2.864 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

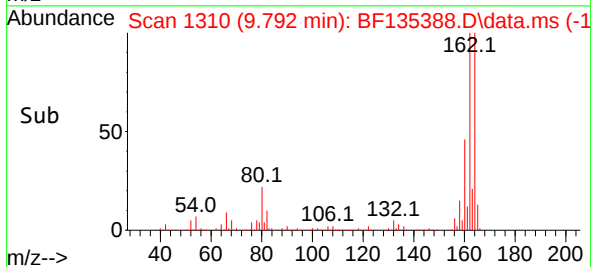
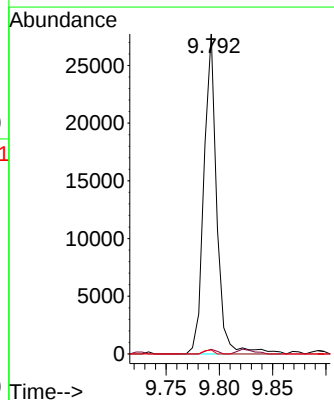
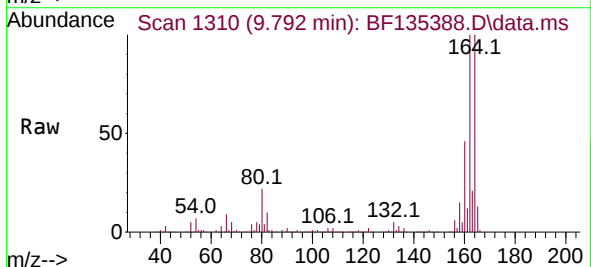
Instrument :
BNA_F
ClientSampleId :
CPT103-14

Tgt Ion:163 Resp: 34427
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 486.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.912 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

Tgt Ion:165 Resp: 23465
Ion Ratio Lower Upper
165 100
63 1.5 59.4 89.2#
89 1.2 49.8 74.8#

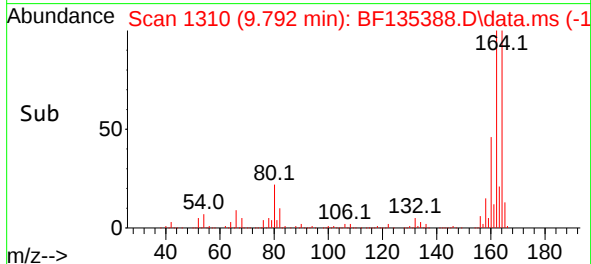
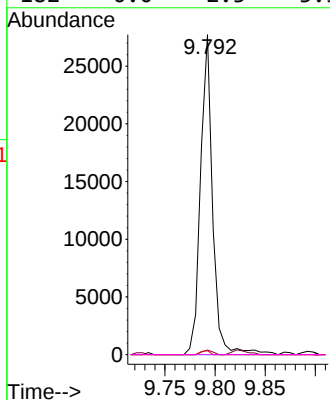
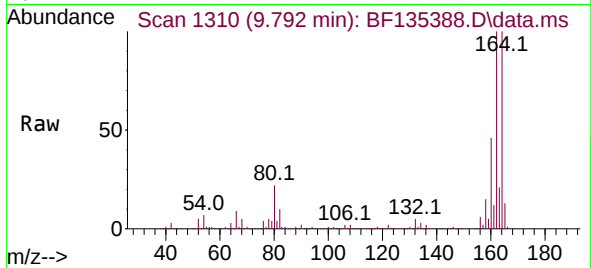




#57
2,4-Dinitrotoluene
Concen: 7.118 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

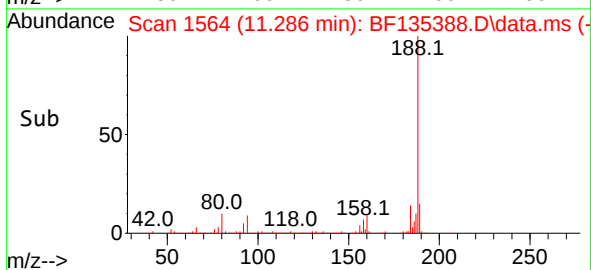
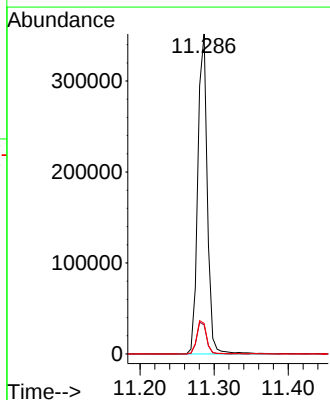
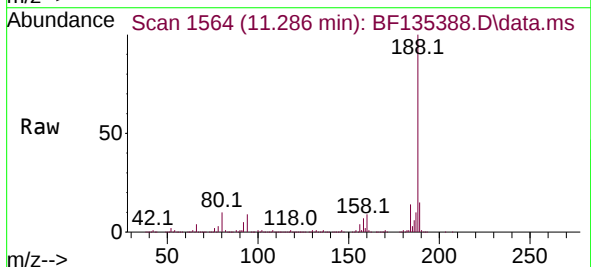
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CPT103-14

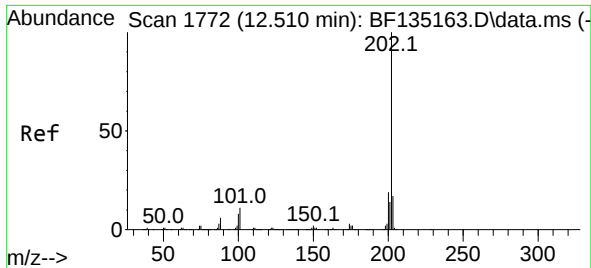
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Ion Ratio	Lower	Upper
165	100	
63	1.5	50.1 75.1#
89	1.2	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

Tgt Ion:188	Resp:	311745
Ion Ratio	Lower	Upper
188	100	
94	9.1	7.0 10.6
80	9.6	7.5 11.3

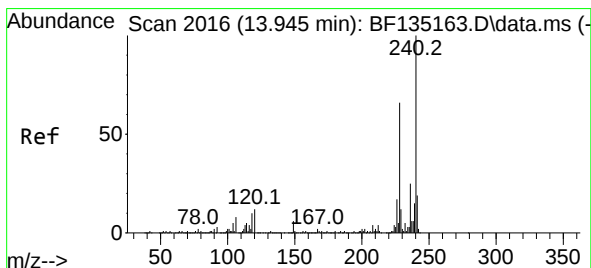
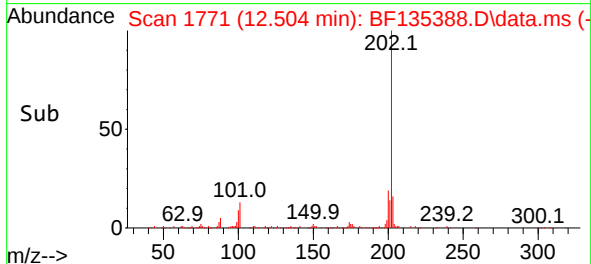
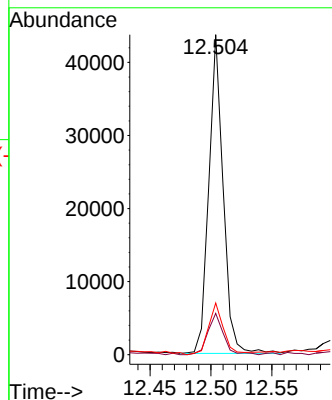
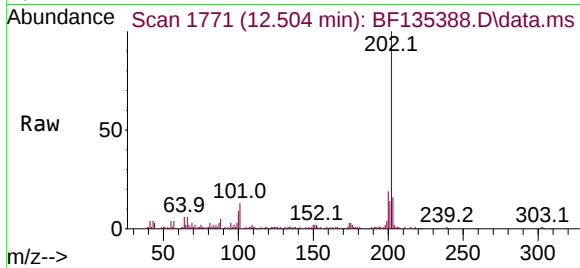




#75
Fluoranthene
Concen: 2.322 ng
RT: 12.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

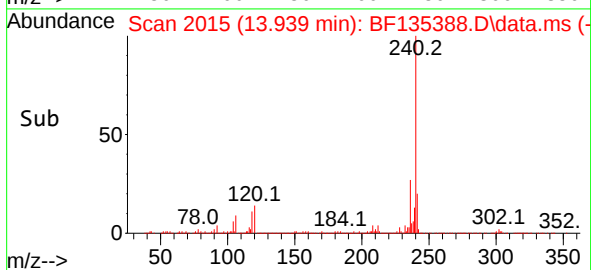
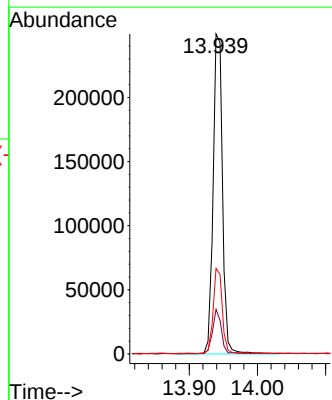
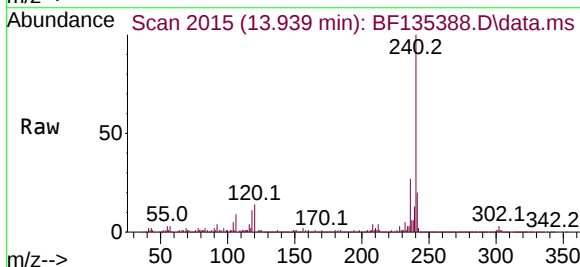
Instrument :
BNA_F
ClientSampleId :
CPT103-14

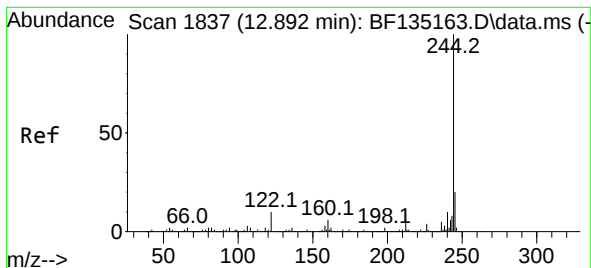
Tgt Ion:202 Resp: 35677
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.3
203 16.2 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135388.D
Acq: 21 Sep 2023 19:16

Tgt Ion:240 Resp: 239920
Ion Ratio Lower Upper
240 100
120 13.9 9.4 14.2
236 26.7 19.8 29.8





#79

Terphenyl-d14

Concen: 24.291 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135388.D

Acq: 21 Sep 2023 19:16

Instrument :

BNA_F

ClientSampleId :

CPT103-14

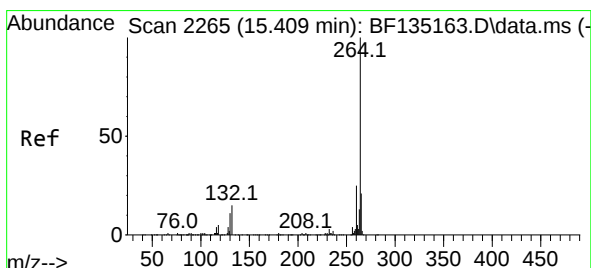
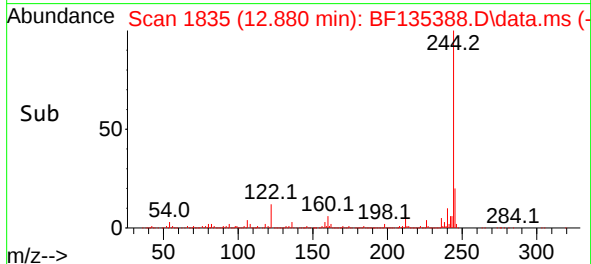
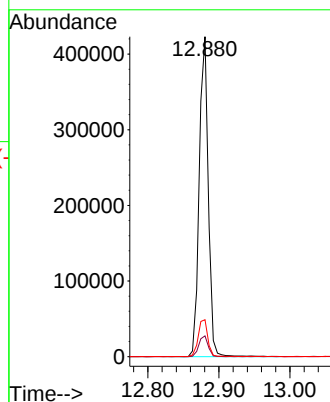
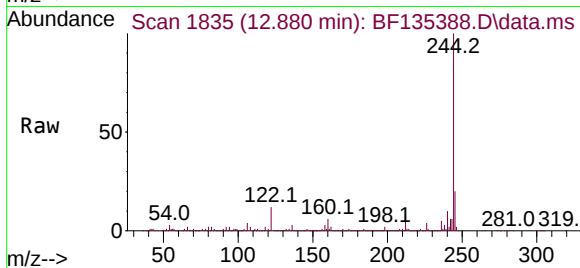
Tgt Ion:244 Resp: 375942

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.6 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135388.D

Acq: 21 Sep 2023 19:16

Tgt Ion:264 Resp: 184510

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 20.6 17.0 25.4

