

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135456.D
 Acq On : 26 Sep 2023 16:56
 Operator : CG\JU
 Sample : 04566-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-09

Quant Time: Sep 27 02:14:41 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 26 01:36:36 2023
 Response via : Initial Calibration

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

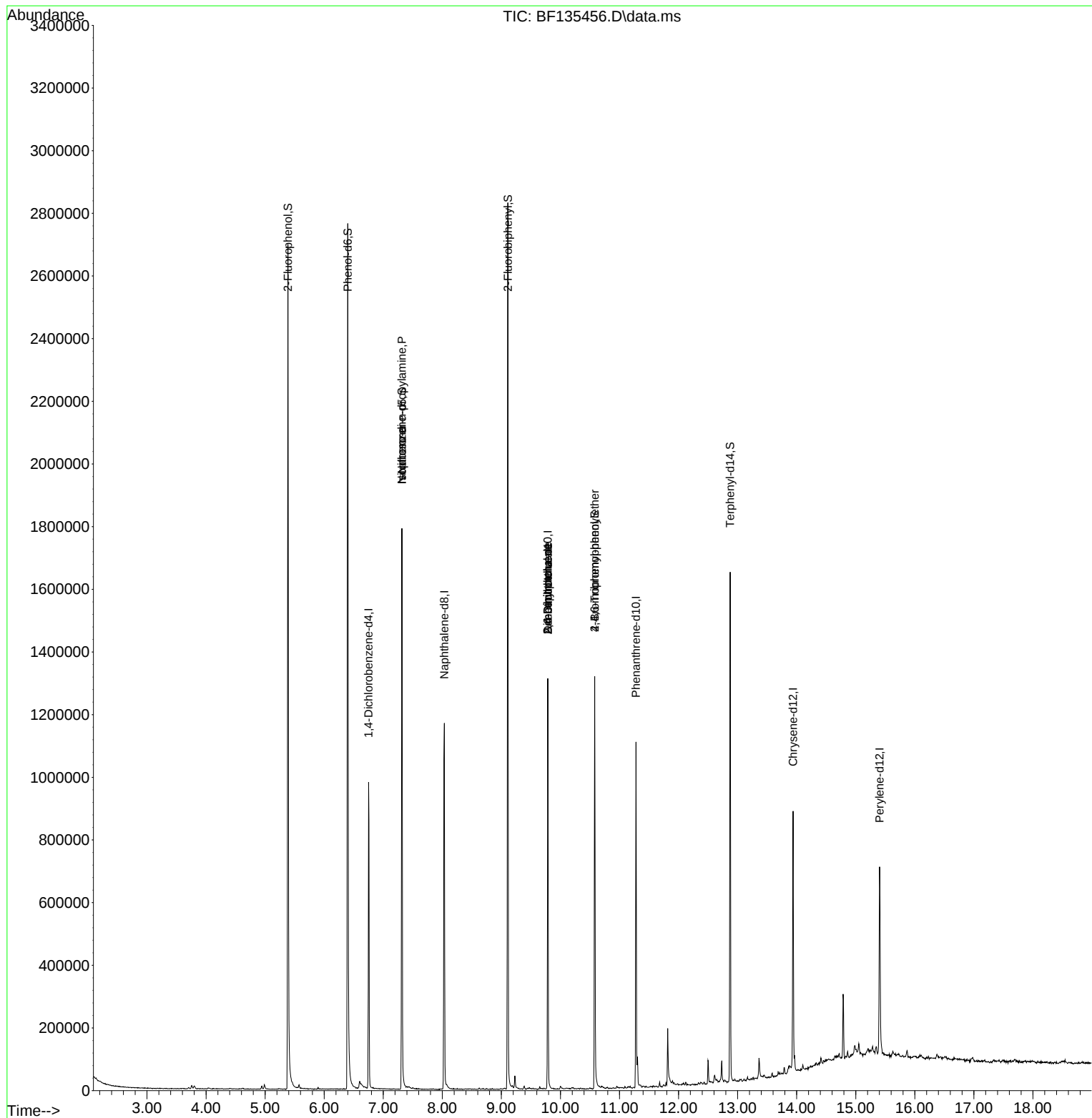
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	144704	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	544888	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	246302	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	376002	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	264363	20.000	ng	0.00
86) Perylene-d12	15.404	264	289365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	739894	83.163	ng	0.00
7) Phenol-d6	6.398	99	932438	82.422	ng	0.00
23) Nitrobenzene-d5	7.316	82	547669	54.607	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	138725	56.677	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	842493	51.607	ng	0.00
79) Terphenyl-d14	12.874	244	543299	31.858	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	70869	10.114	ng	# 81
25) Isophorone	7.316	82	546269	29.662	ng	# 65
50) Dimethylphthalate	9.786	163	44667	2.682	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	31046	8.510	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	31046	6.798	ng	# 18
67) 4-Bromophenyl-phenylether	10.580	248	9085	2.429	ng	# 1

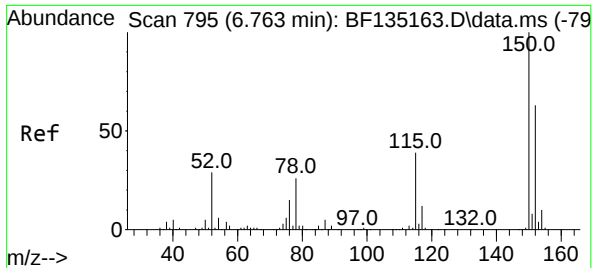
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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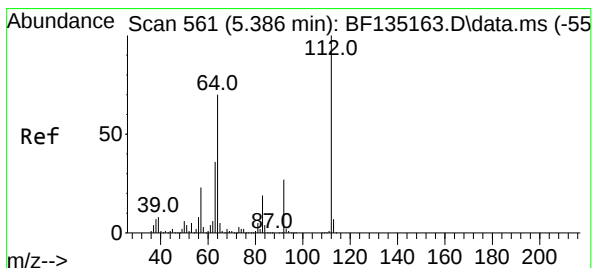
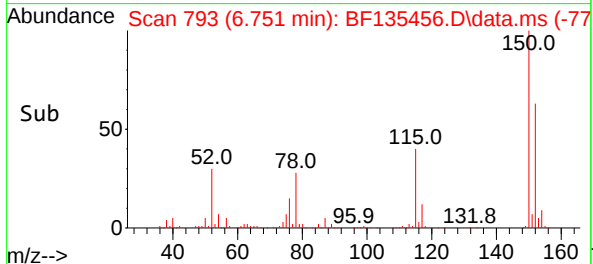
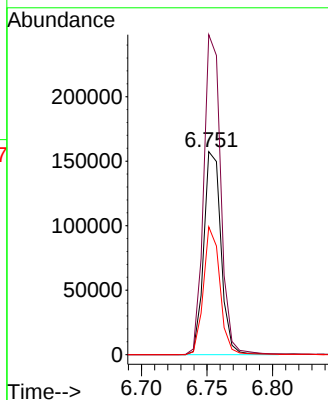
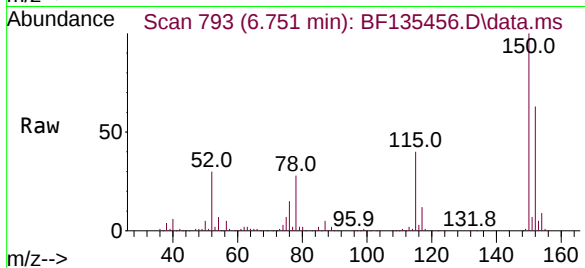




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

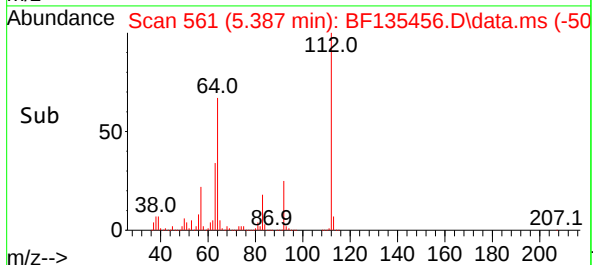
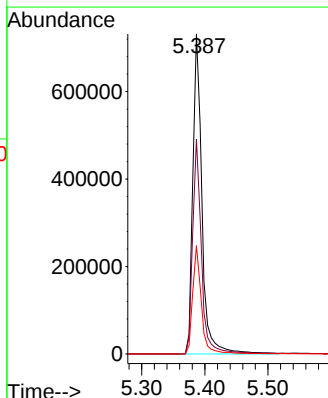
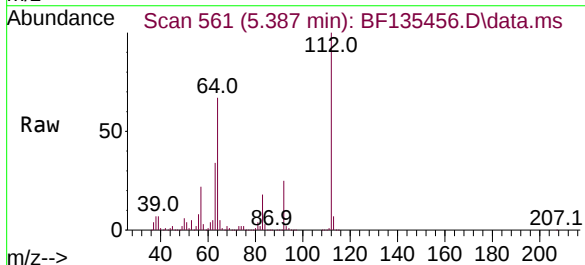
Instrument :
BNA_F
ClientSampleId :
CPT102-09

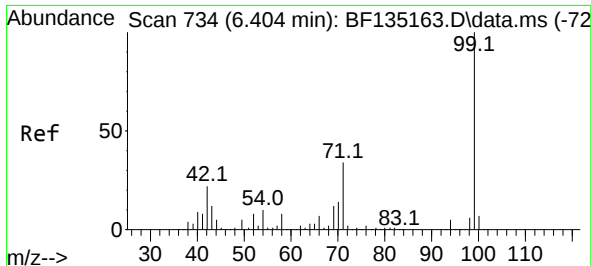
Tgt Ion:152 Resp: 144704
Ion Ratio Lower Upper
152 100
150 157.6 127.8 191.6
115 63.0 49.8 74.8



#5
2-Fluorophenol
Concen: 83.163 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

Tgt Ion:112 Resp: 739894
Ion Ratio Lower Upper
112 100
64 67.2 55.9 83.9
63 33.9 29.0 43.6

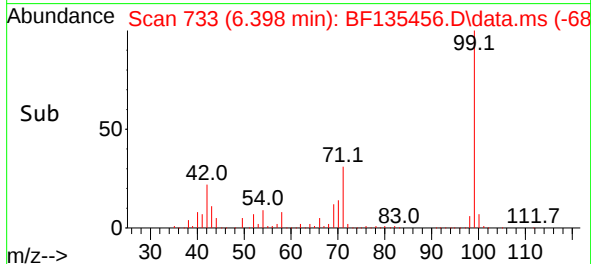
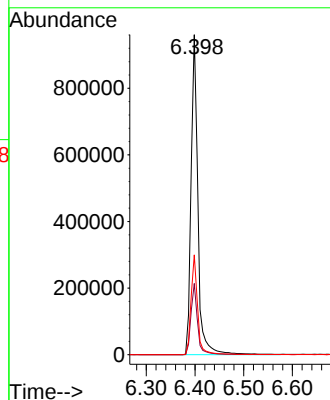
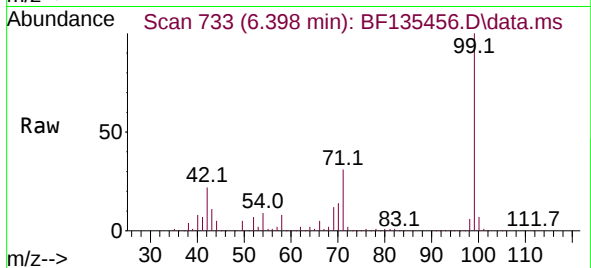




#7
Phenol-d6
Concen: 82.422 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

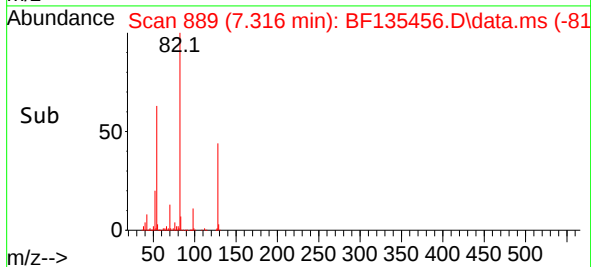
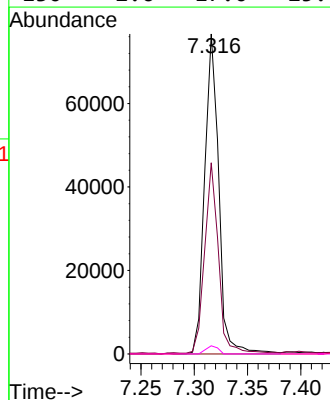
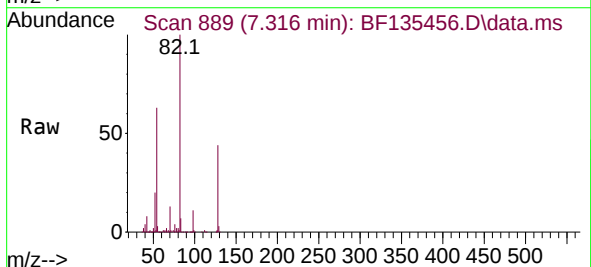
Instrument :
BNA_F
ClientSampleId :
CPT102-09

Tgt Ion: 99 Resp: 932438
Ion Ratio Lower Upper
99 100
42 22.3 17.9 26.9
71 31.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.114 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

Tgt Ion: 70 Resp: 70869
Ion Ratio Lower Upper
70 100
42 59.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.6 17.0 25.6#

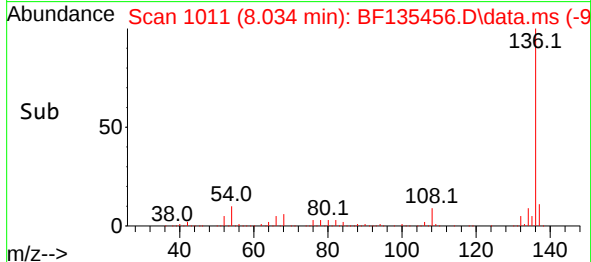
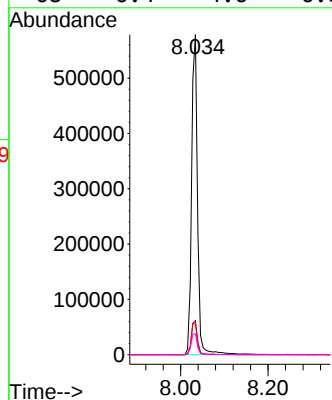
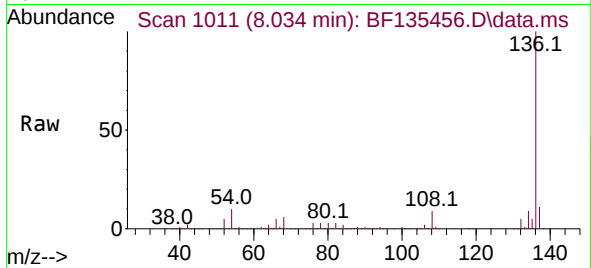




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

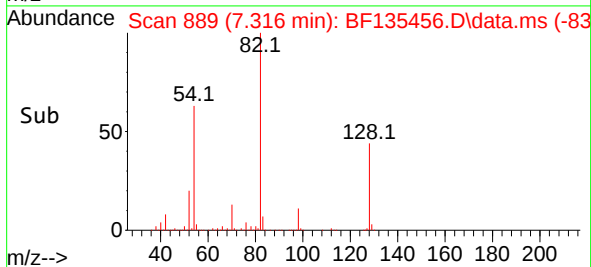
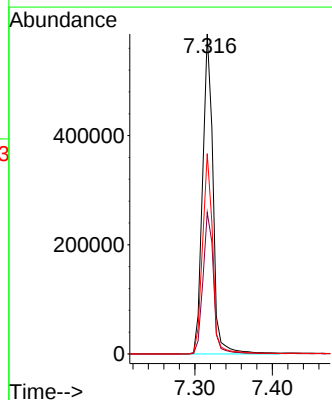
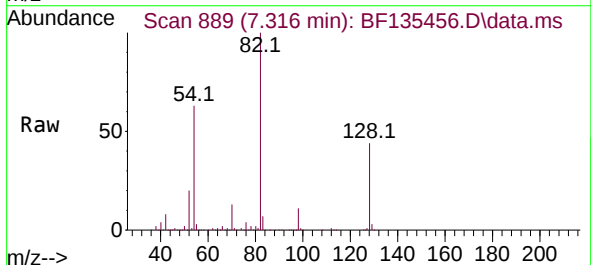
Instrument :
BNA_F
ClientSampleId :
CPT102-09

Tgt Ion:136 Resp: 544888
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.6 7.7 11.5
68 6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 54.607 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

Tgt Ion: 82 Resp: 547669
Ion Ratio Lower Upper
82 100
128 44.2 35.8 53.6
54 62.6 50.6 76.0

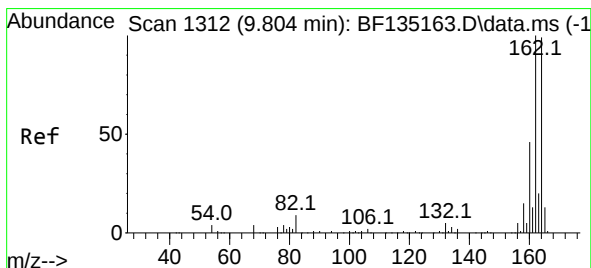
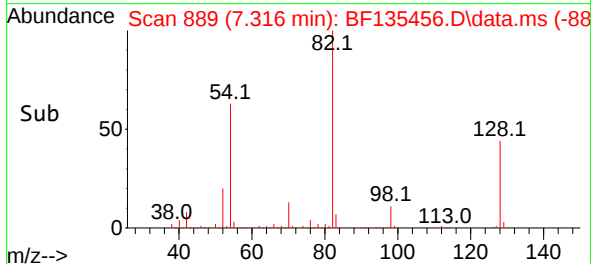
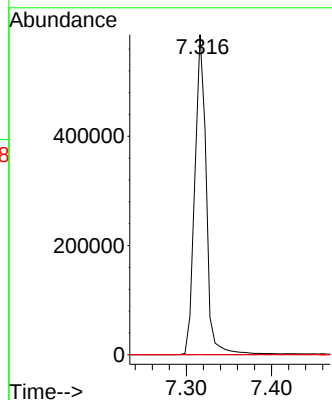
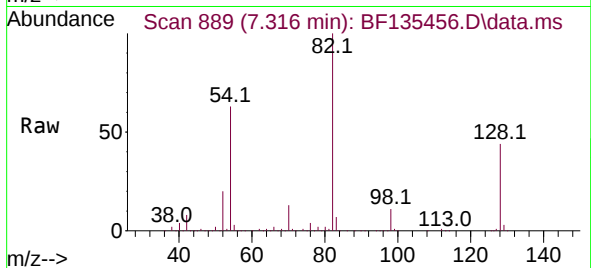




#25
Isophorone
Concen: 29.662 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

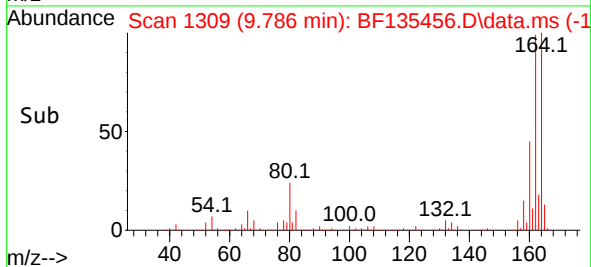
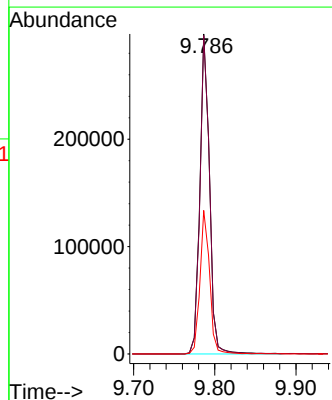
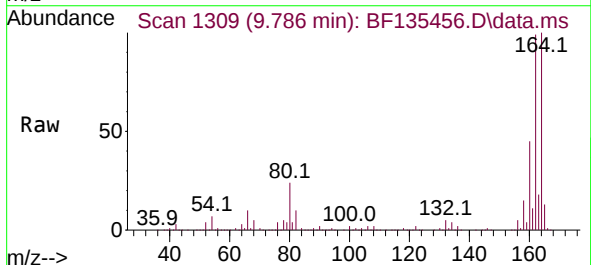
Instrument :
BNA_F
ClientSampleId :
CPT102-09

Tgt Ion: 82 Resp: 546269
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: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

Tgt Ion: 164 Resp: 246302
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 44.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 56.677 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135456.D

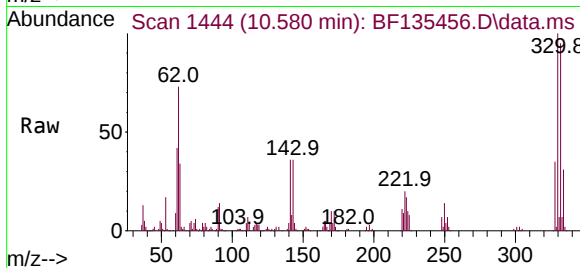
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Instrument :

BNA_F

ClientSampleId :

CPT102-09



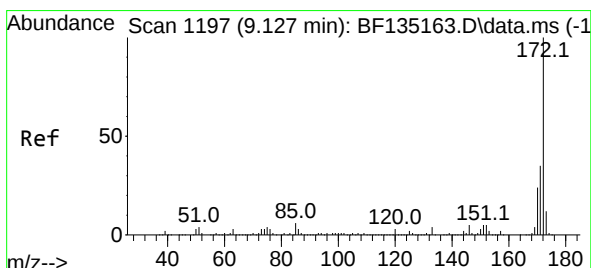
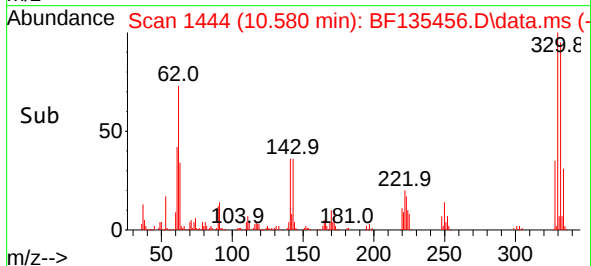
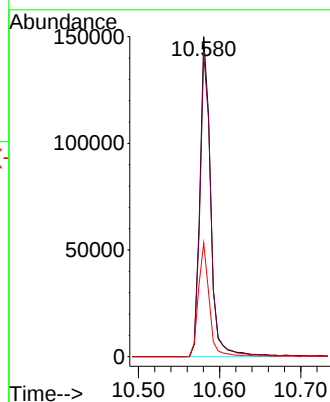
Tgt Ion:330 Resp: 138725

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 36.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 51.607 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135456.D

Acq: 26 Sep 2023 16:56

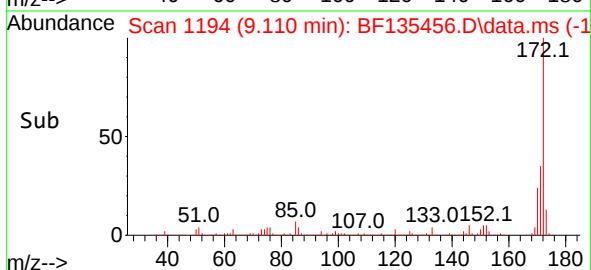
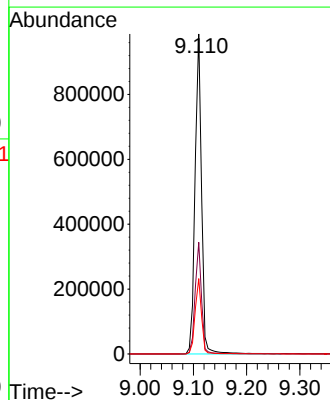
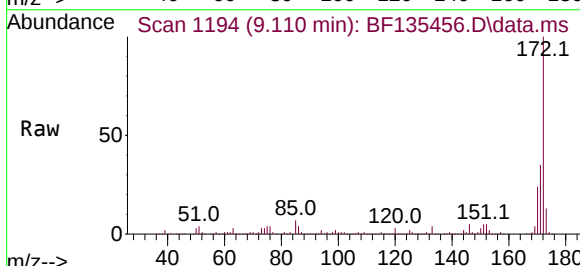
Tgt Ion:172 Resp: 842493

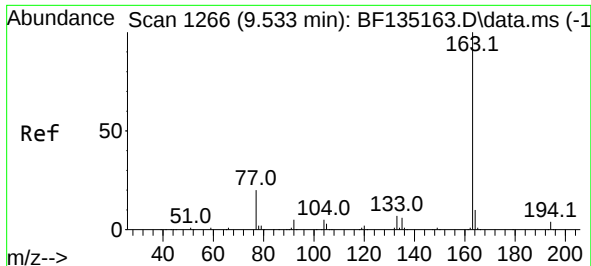
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.6 19.0 28.4

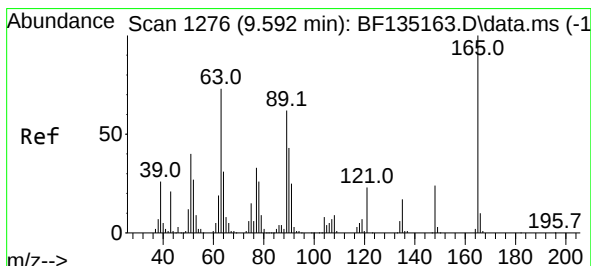
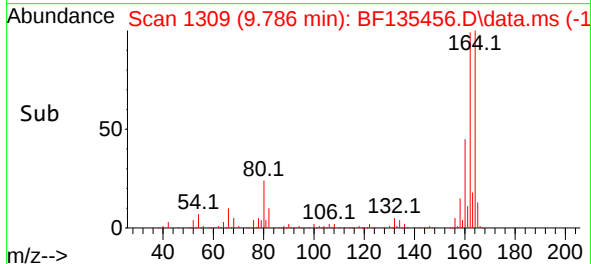
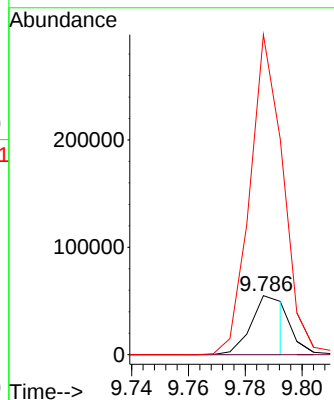
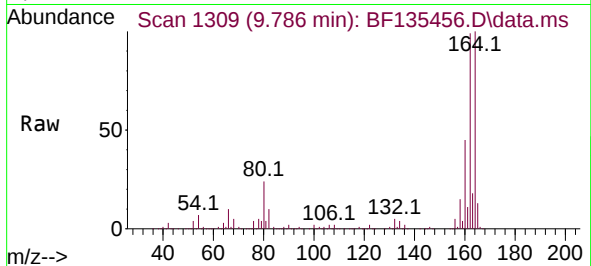




#50
Dimethylphthalate
Concen: 2.682 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

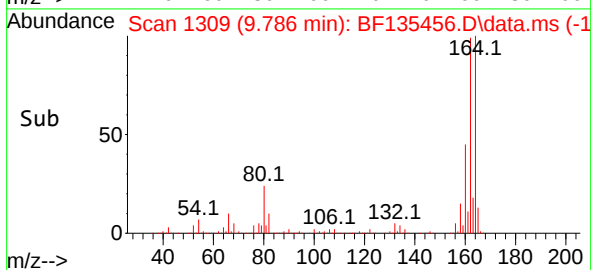
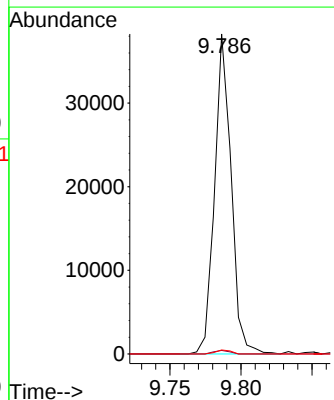
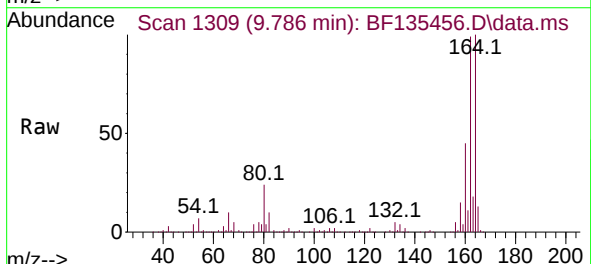
Instrument :
BNA_F
ClientSampleId :
CPT102-09

Tgt Ion:163 Resp: 44667
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 542.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.510 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

Tgt Ion:165 Resp: 31046
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.2 49.8 74.8#

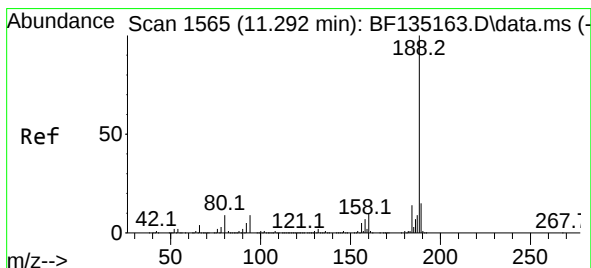
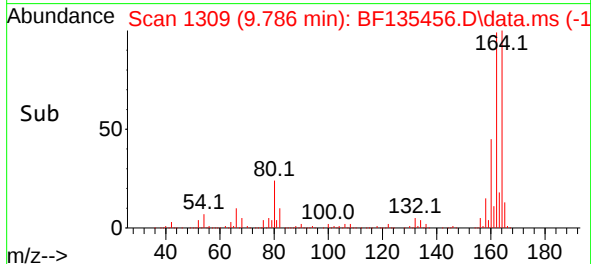
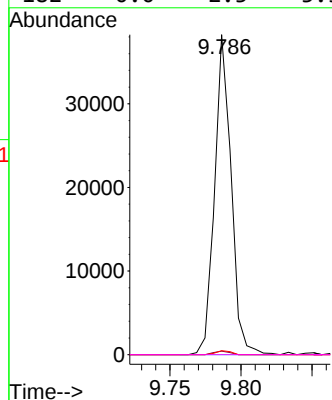
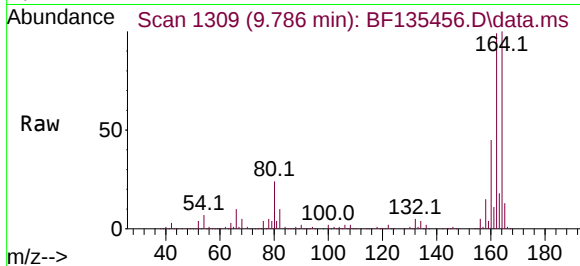




#57
2,4-Dinitrotoluene
Concen: 6.798 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

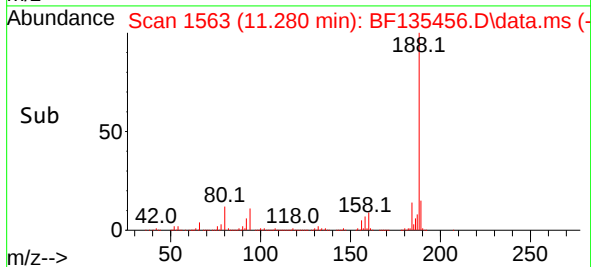
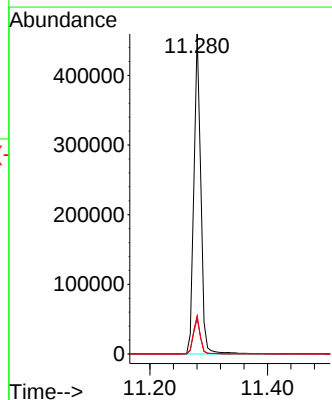
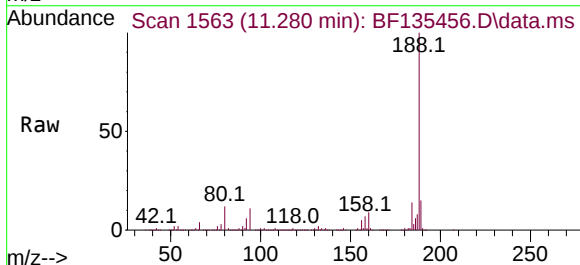
Instrument :
BNA_F
ClientSampleId :
CPT102-09

Tgt Ion:165 Resp: 31046
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: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

Tgt Ion:188 Resp: 376002
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.6#
80 12.0 7.5 11.3#

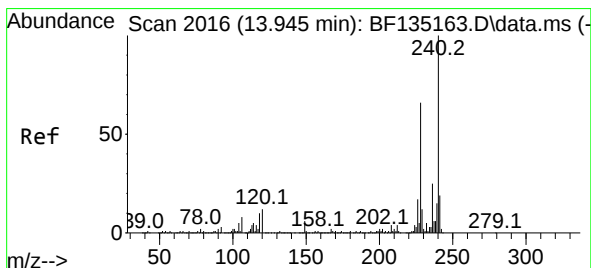
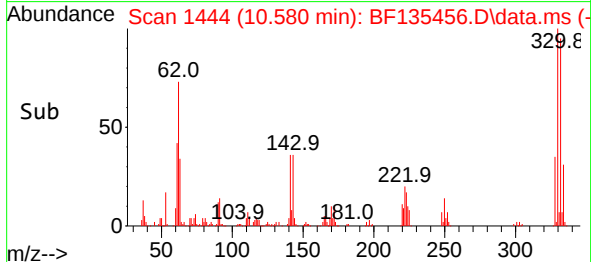
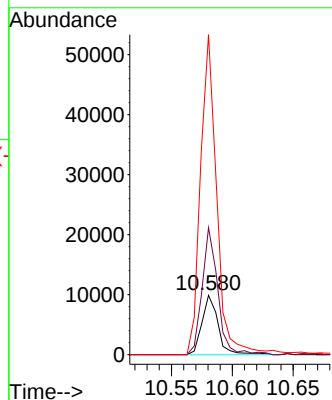
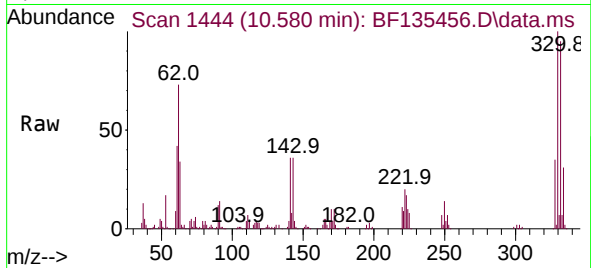




#67
4-Bromophenyl-phenylether
Concen: 2.429 ng
RT: 10.580 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

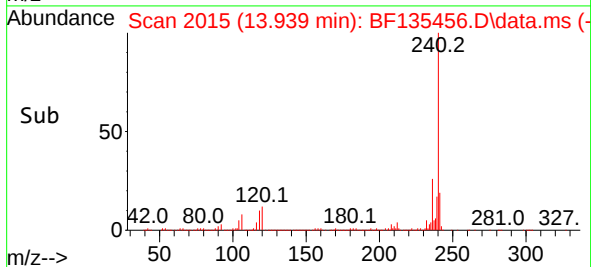
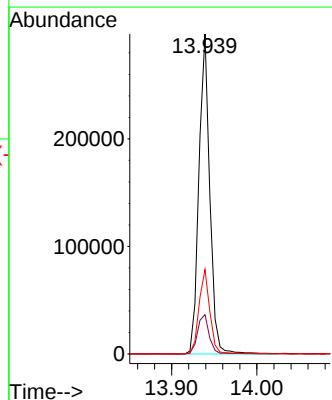
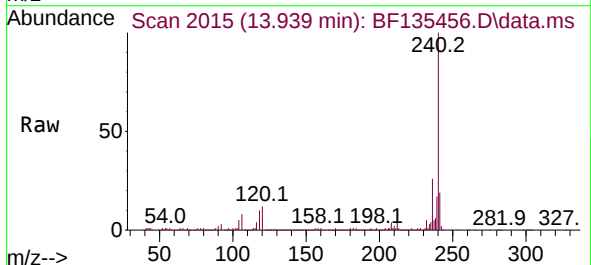
Instrument :
BNA_F
ClientSampleId :
CPT102-09

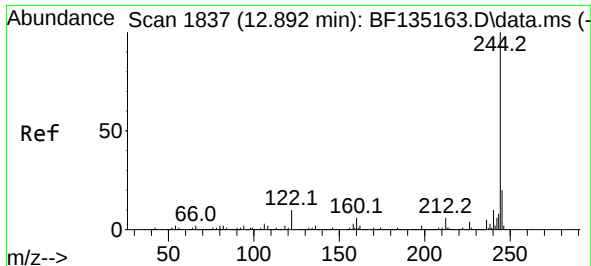
Tgt Ion:248 Resp: 9085
Ion Ratio Lower Upper
248 100
250 213.7 78.6 117.8#
141 538.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135456.D
Acq: 26 Sep 2023 16:56

Tgt Ion:240 Resp: 264363
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 26.4 19.8 29.8

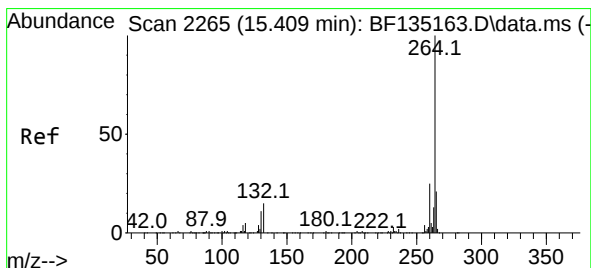
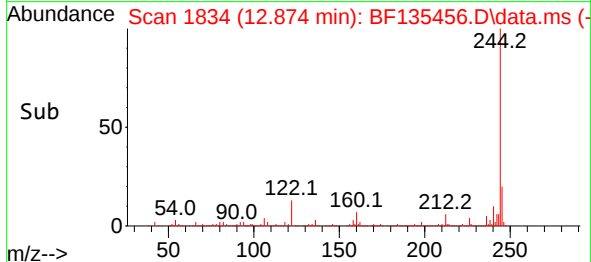
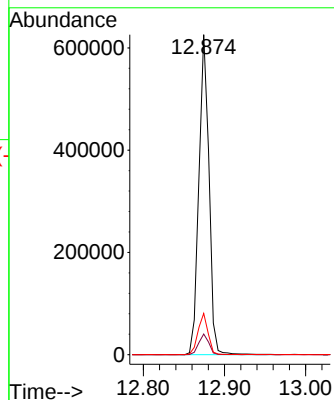
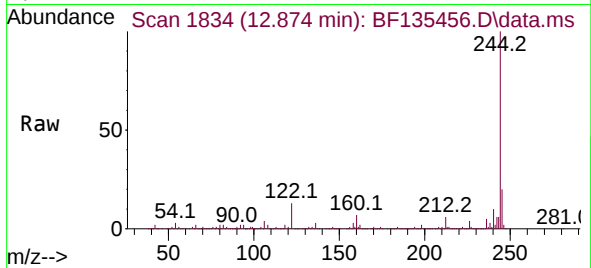




#79
 Terphenyl-d14
 Concen: 31.858 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135456.D
 Acq: 26 Sep 2023 16:56

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-09

Tgt Ion:244 Resp: 543299
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.9 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.000 min
 Lab File: BF135456.D
 Acq: 26 Sep 2023 16:56

Tgt Ion:264 Resp: 289365
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 21.7 17.0 25.4

