

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135411.D
 Acq On : 22 Sep 2023 21:15
 Operator : CG\JU
 Sample : 04436-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-16

Quant Time: Sep 23 04:59:13 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)

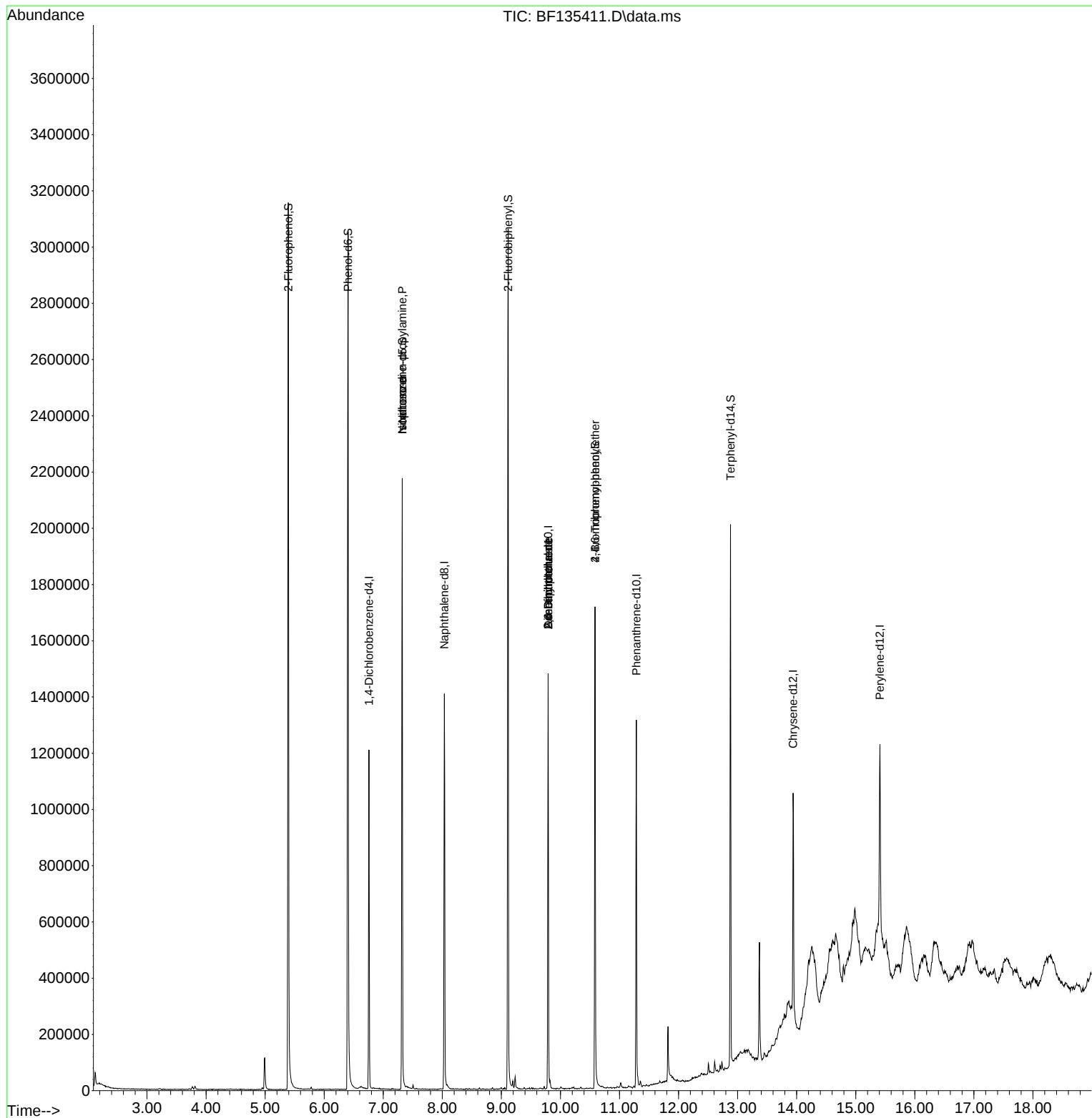
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	165584	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	623656	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	286014	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	469296	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	280280	20.000	ng	0.00
86) Perylene-d12	15.409	264	351254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	848915	83.385	ng	0.00
7) Phenol-d6	6.404	99	1049481	81.070	ng	0.00
23) Nitrobenzene-d5	7.322	82	642522	55.973	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	191975	67.542	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1032015	54.439	ng	-0.01
79) Terphenyl-d14	12.880	244	651872	36.054	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	84491	10.537	ng	# 80
25) Isophorone	7.322	82	642514	30.482	ng	# 65
50) Dimethylphthalate	9.792	163	54778	2.833	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	37028	8.741	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	37028	6.982	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	12395	2.656	ng	# 1

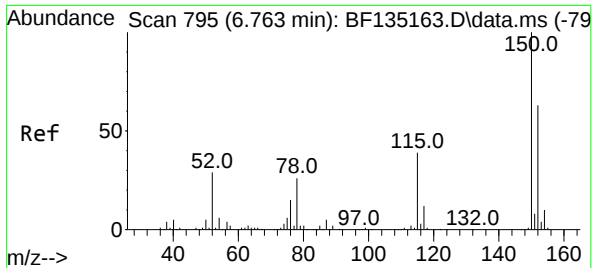
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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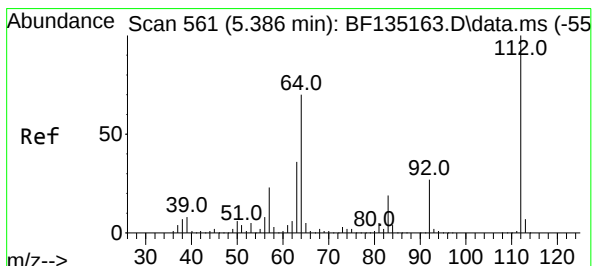
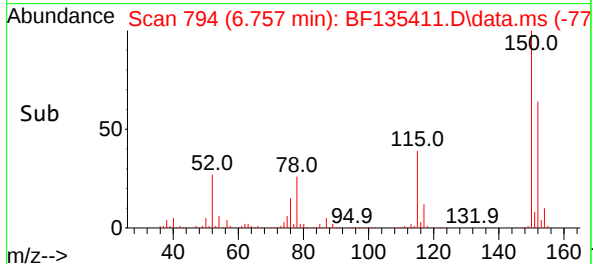
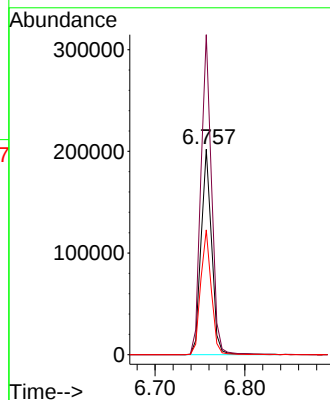
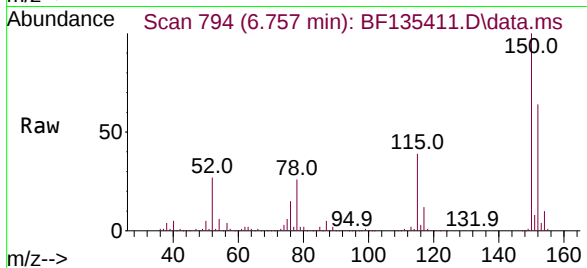




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

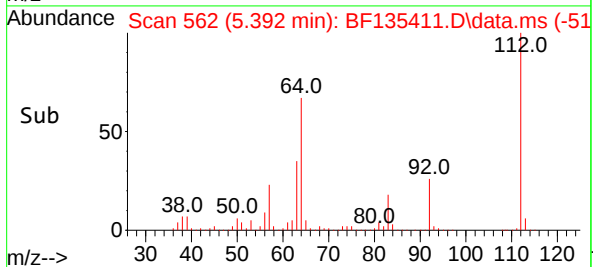
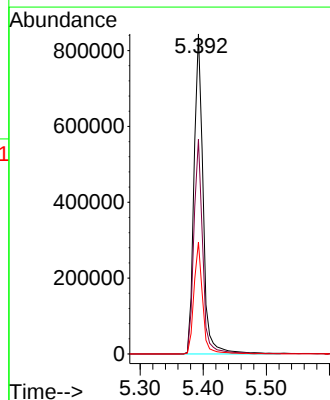
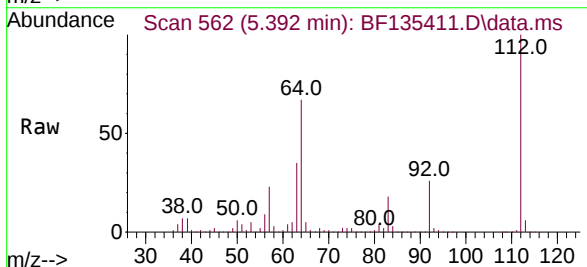
Instrument :
BNA_F
ClientSampleId :
CPT102-16

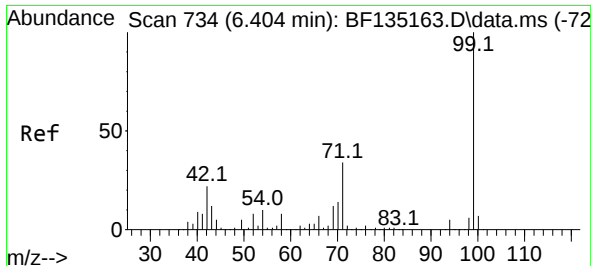
Tgt Ion:152 Resp: 165584
Ion Ratio Lower Upper
152 100
150 155.7 127.8 191.6
115 60.7 49.8 74.8



#5
2-Fluorophenol
Concen: 83.385 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

Tgt Ion:112 Resp: 848915
Ion Ratio Lower Upper
112 100
64 67.1 55.9 83.9
63 34.9 29.0 43.6

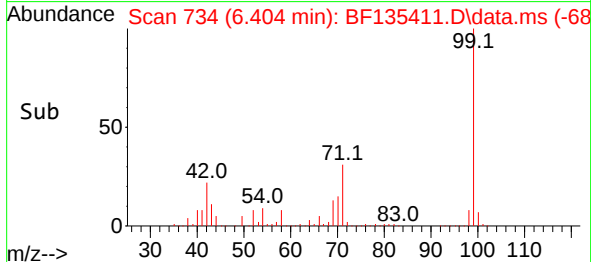
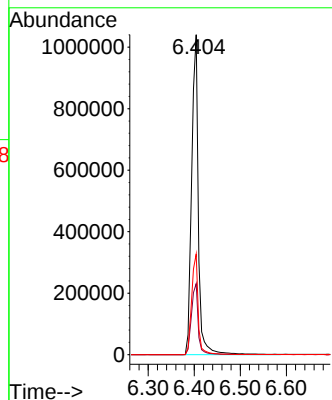
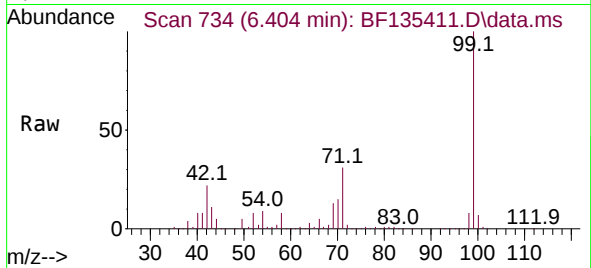




#7
Phenol-d6
Concen: 81.070 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

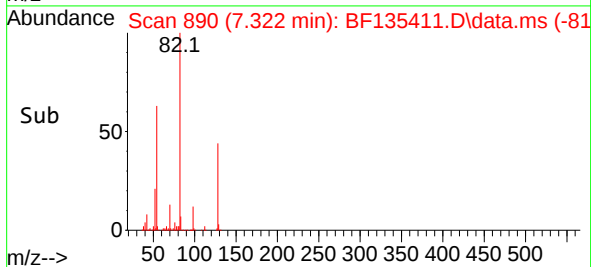
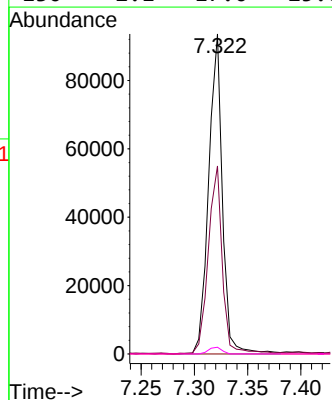
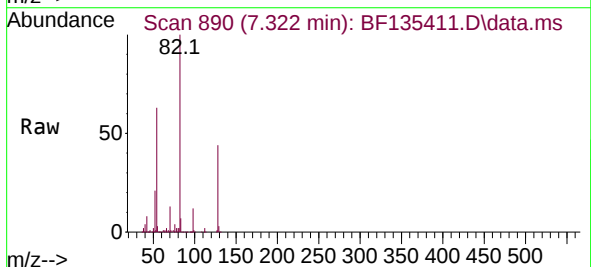
Instrument :
BNA_F
ClientSampleId :
CPT102-16

Tgt Ion: 99 Resp: 1049481
Ion Ratio Lower Upper
99 100
42 22.2 17.9 26.9
71 31.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.537 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

Tgt Ion: 70 Resp: 84491
Ion Ratio Lower Upper
70 100
42 58.7 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

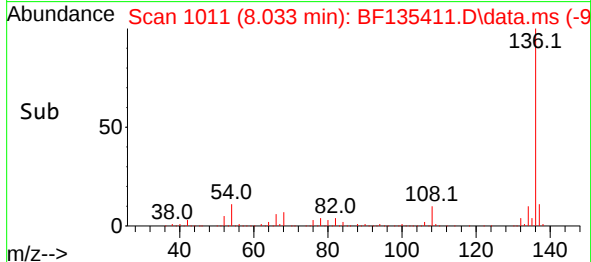
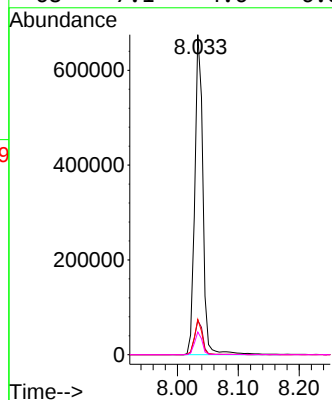
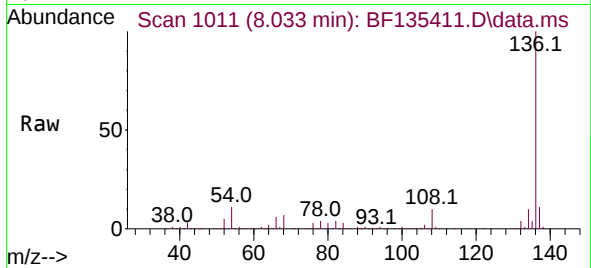




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

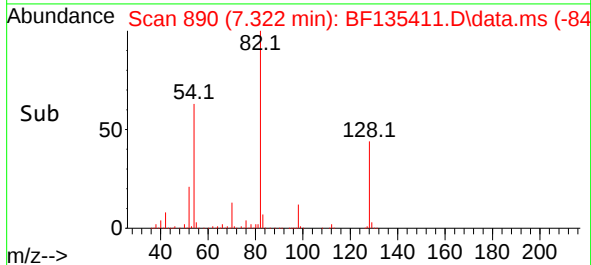
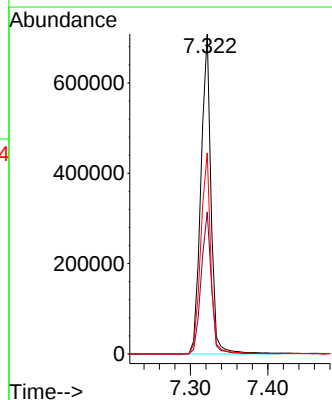
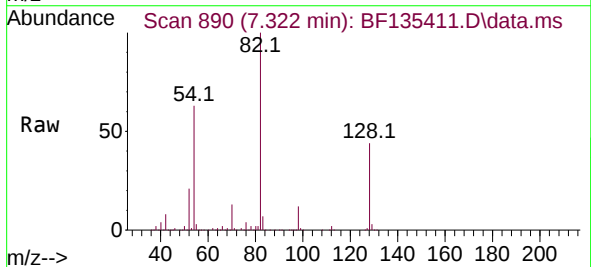
Instrument :
BNA_F
ClientSampleId :
CPT102-16

Tgt Ion:136 Resp: 623656
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 11.1 7.7 11.5
68 7.1 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 55.973 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

Tgt Ion: 82 Resp: 642522
Ion Ratio Lower Upper
82 100
128 44.4 35.8 53.6
54 62.9 50.6 76.0

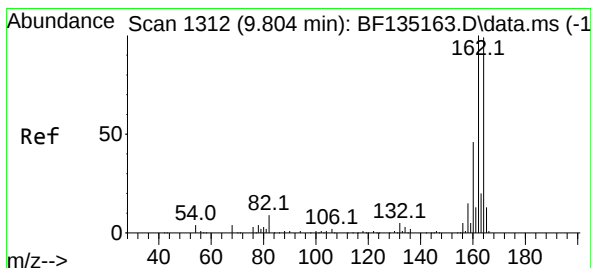
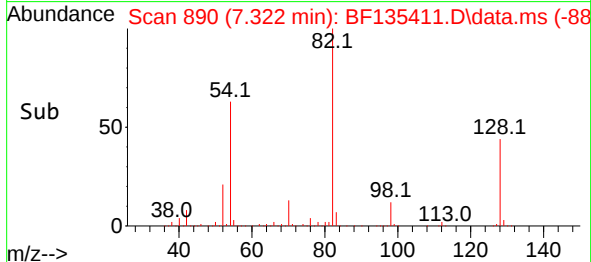
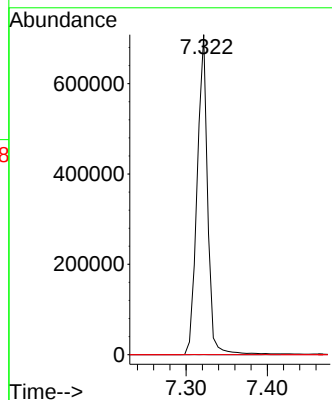
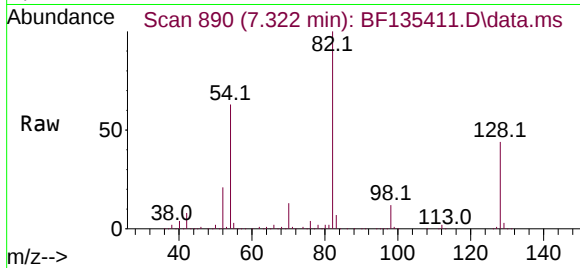




#25
Isophorone
Concen: 30.482 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

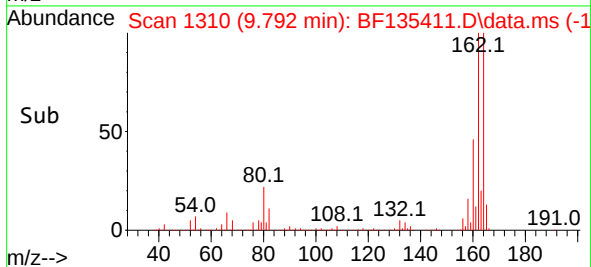
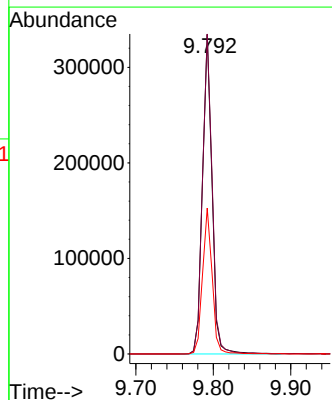
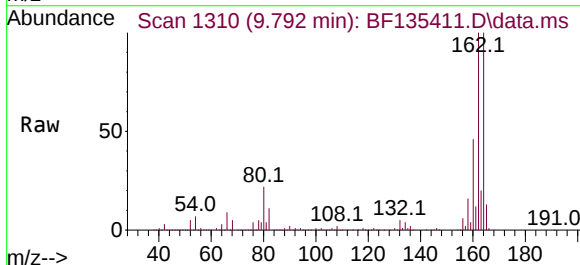
Instrument :
BNA_F
ClientSampleId :
CPT102-16

Tgt Ion: 82 Resp: 642514
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: BF135411.D
Acq: 22 Sep 2023 21:15

Tgt Ion: 164 Resp: 286014
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 45.7 37.0 55.4

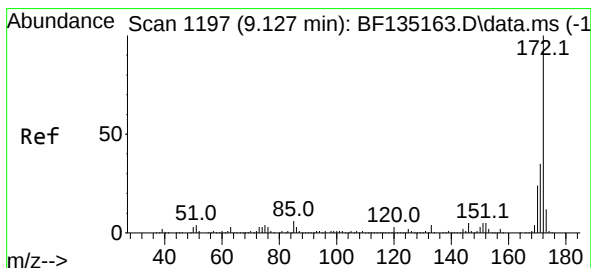
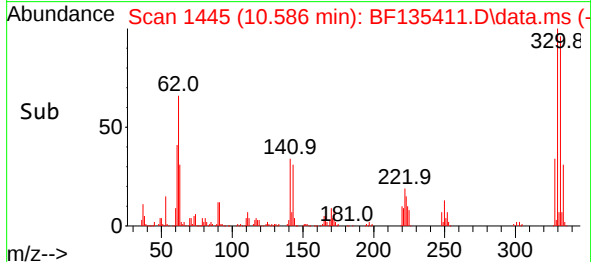
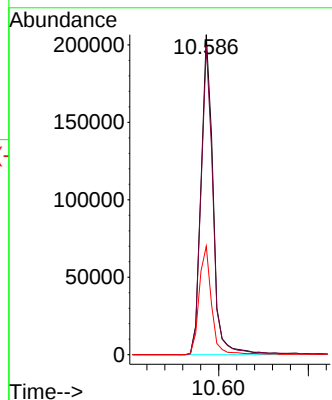
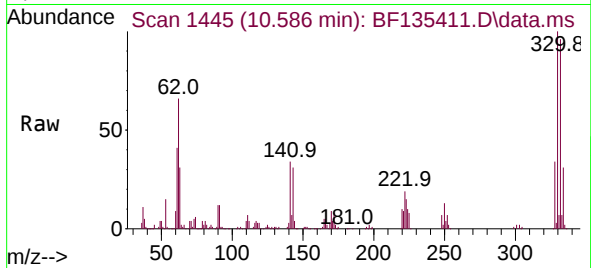




#42
2,4,6-Tribromophenol
Concen: 67.542 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

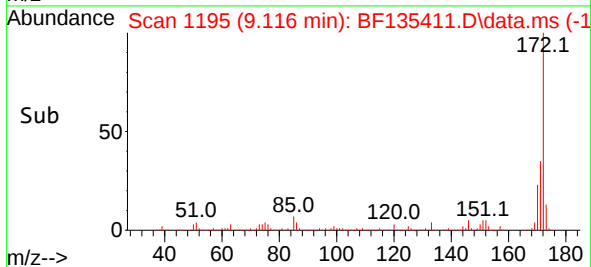
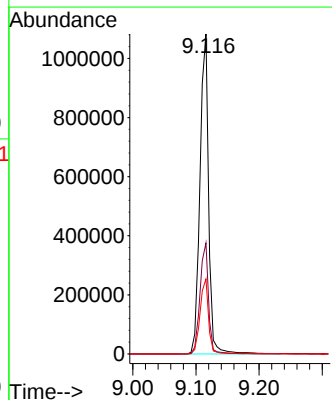
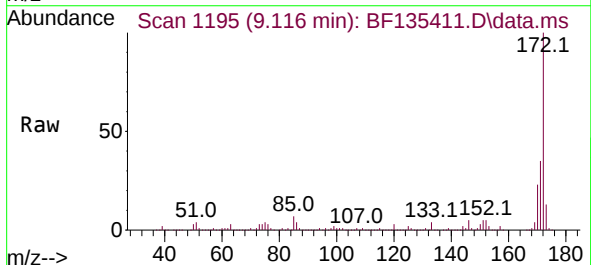
Instrument :
BNA_F
ClientSampleId :
CPT102-16

Tgt Ion:330 Resp: 191975
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 35.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 54.439 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

Tgt Ion:172 Resp: 1032015
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.5 19.0 28.4

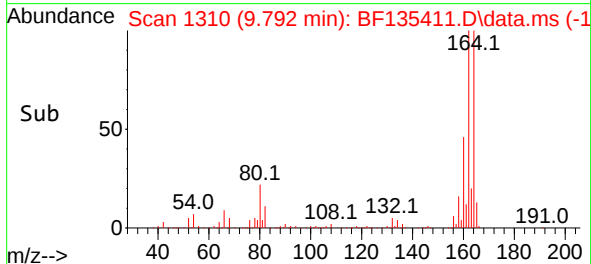
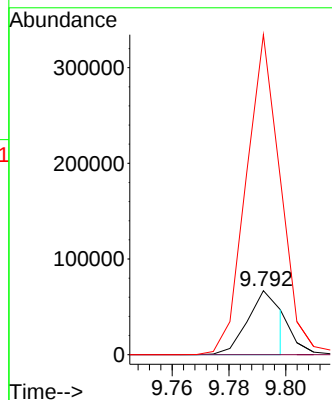
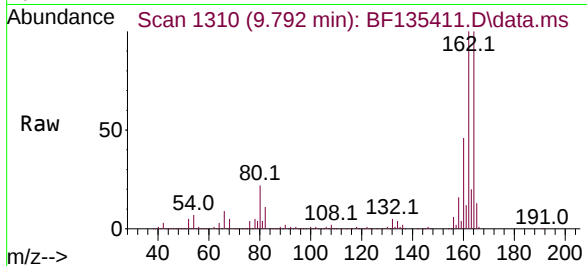




#50
Dimethylphthalate
Concen: 2.833 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

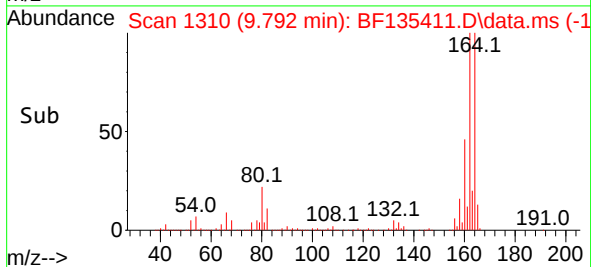
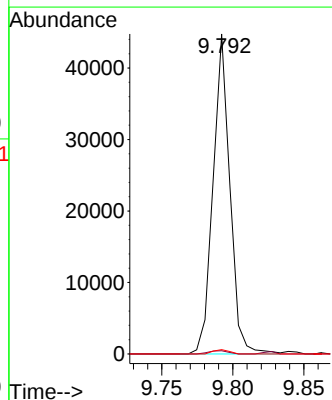
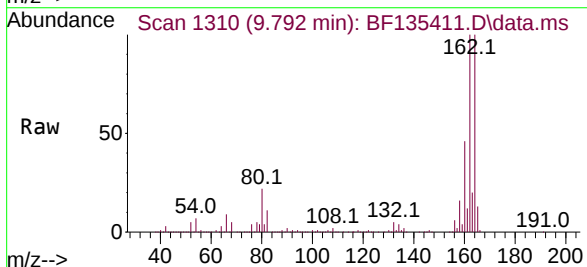
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ClientSampleId :
CPT102-16

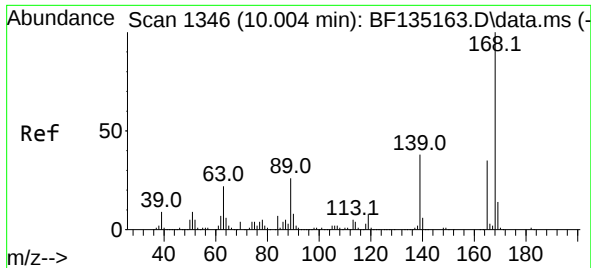
Tgt Ion:163 Resp: 54778
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 500.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.741 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

Tgt Ion:165 Resp: 37028
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.4 49.8 74.8#

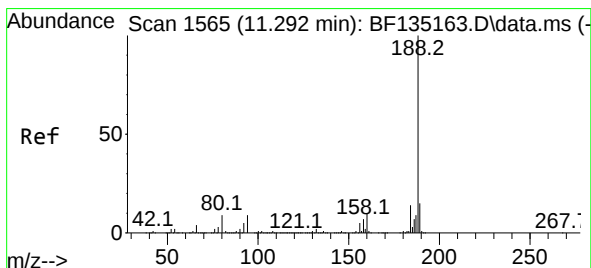
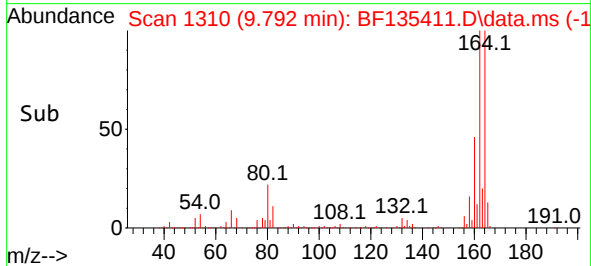
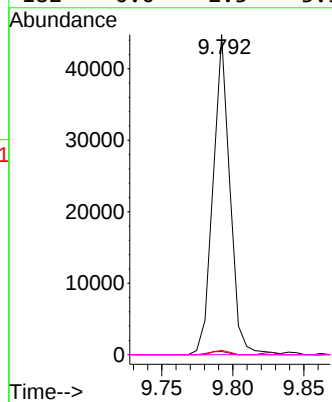
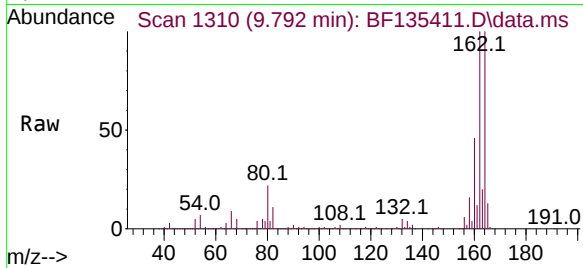




#57
2,4-Dinitrotoluene
Concen: 6.982 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

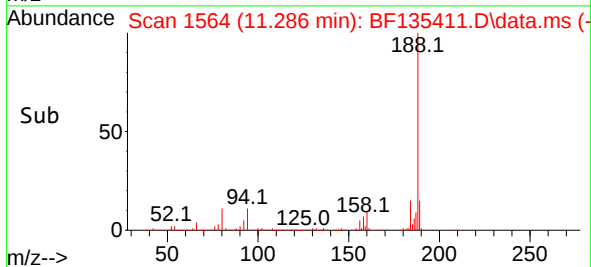
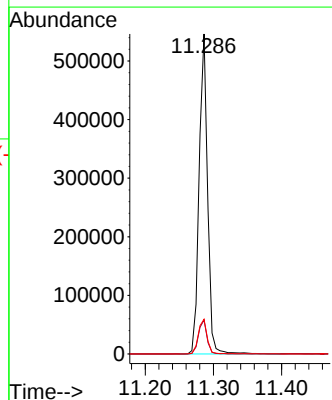
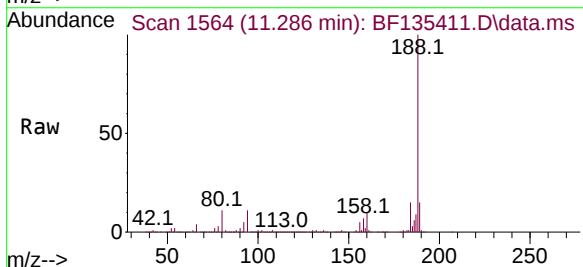
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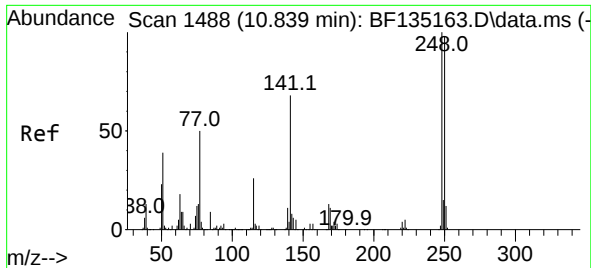
Tgt Ion:165 Resp: 37028
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

Tgt Ion:188 Resp: 469296
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 10.9 7.5 11.3

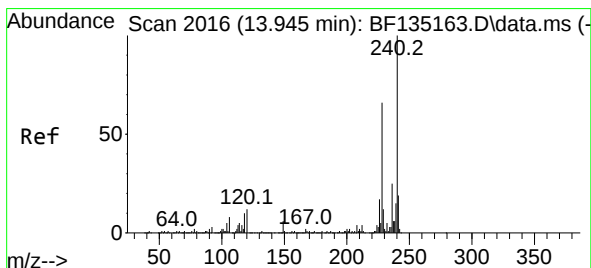
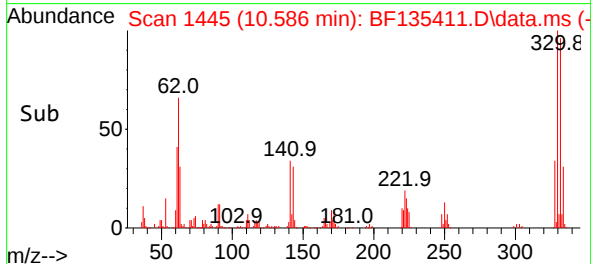
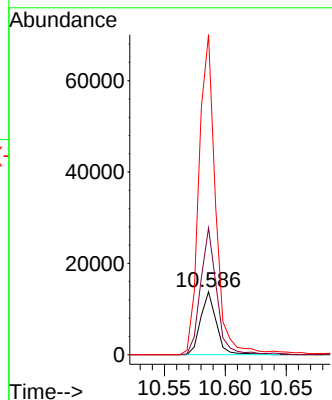
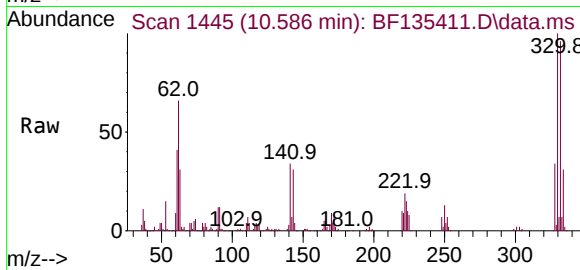




#67
4-Bromophenyl-phenylether
Concen: 2.656 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

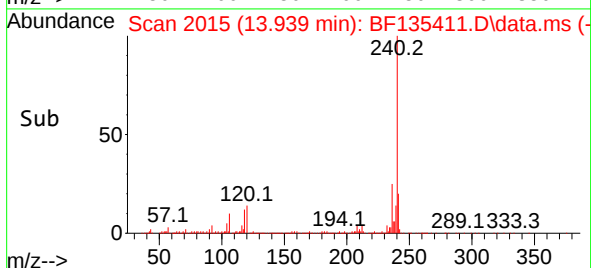
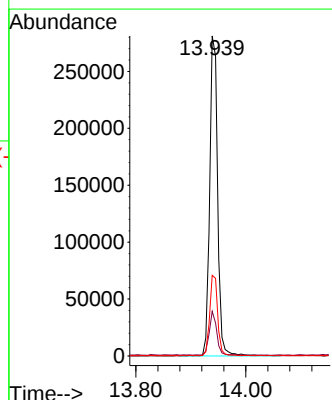
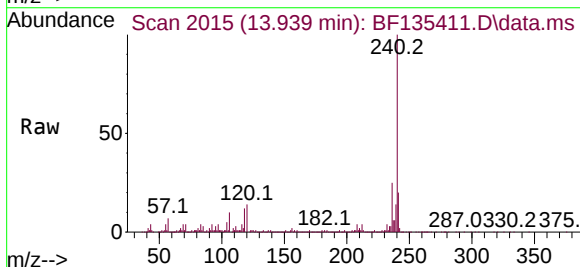
Instrument :
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CPT102-16

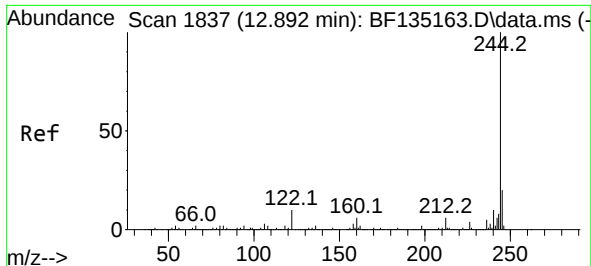
Tgt Ion:248 Resp: 12395
Ion Ratio Lower Upper
248 100
250 201.6 78.6 117.8#
141 508.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135411.D
Acq: 22 Sep 2023 21:15

Tgt Ion:240 Resp: 280280
Ion Ratio Lower Upper
240 100
120 14.0 9.4 14.2
236 25.2 19.8 29.8

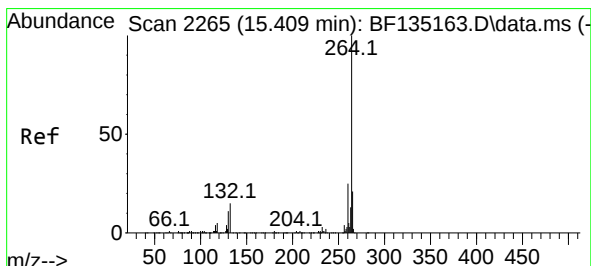
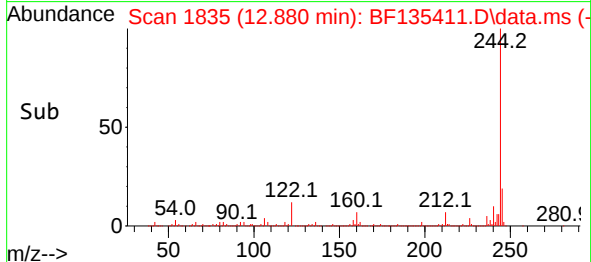
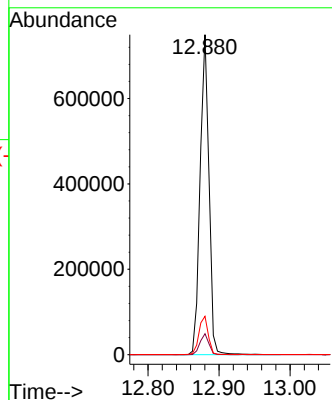
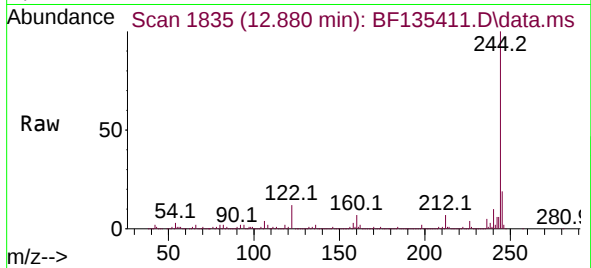




#79
 Terphenyl-d14
 Concen: 36.054 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135411.D
 Acq: 22 Sep 2023 21:15

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-16

Tgt Ion:244 Resp: 651872
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.0 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135411.D
 Acq: 22 Sep 2023 21:15

Tgt Ion:264 Resp: 351254
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.8 29.6
 265 21.2 17.0 25.4

