

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135385.D
 Acq On : 21 Sep 2023 17:41
 Operator : CG\JU
 Sample : 04407-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 306-TP-3-5-CS-2

Quant Time: Sep 22 05:58:24 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

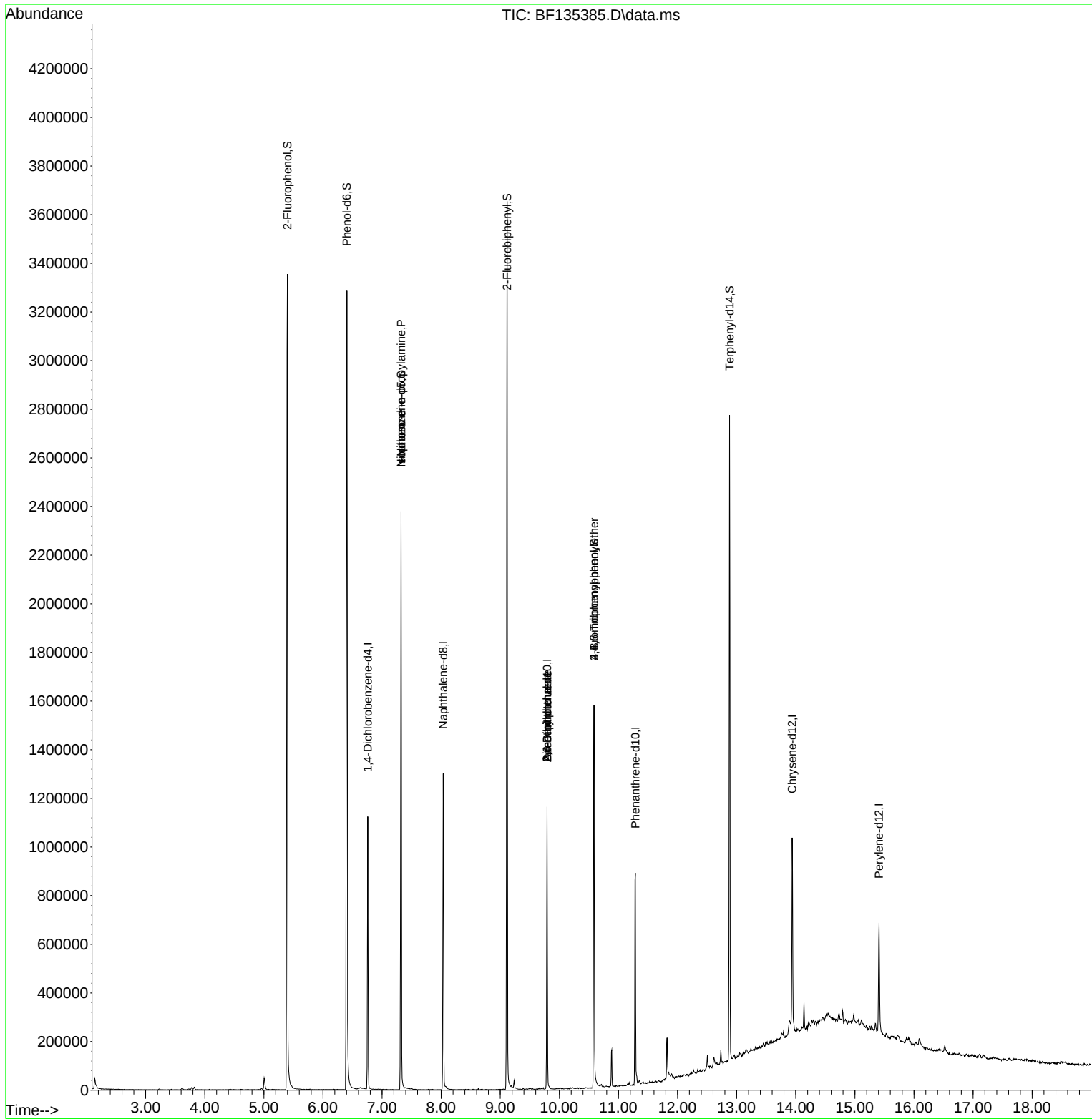
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	147849	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	530728	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	220267	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	349414	20.000	ng	0.00
76) Chrysene-d12	13.939	240	271246	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	212981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	958701	105.464	ng	0.01
7) Phenol-d6	6.404	99	1200088	103.824	ng	0.00
23) Nitrobenzene-d5	7.322	82	718493	73.550	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	183994	84.057	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1136935	77.875	ng	-0.01
79) Terphenyl-d14	12.880	244	928887	53.087	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	95203	13.297	ng	# 81
25) Isophorone	7.322	82	718482	40.054	ng	# 65
50) Dimethylphthalate	9.792	163	42127	2.829	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	28880	8.852	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	28880	7.071	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	11871	3.416	ng	# 1

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

306-TP-3-5-CS-2

Response via : Initial Calibration

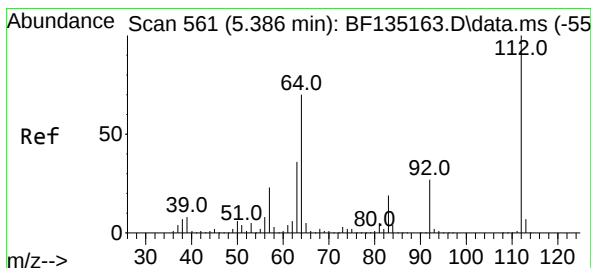
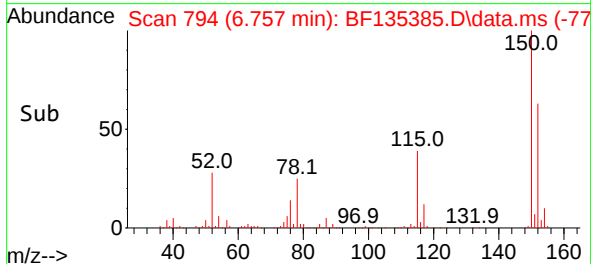
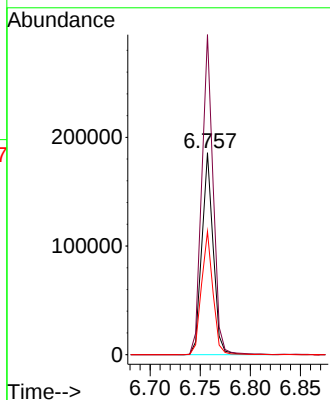
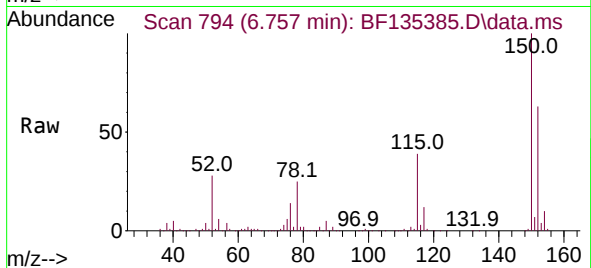




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135385.D
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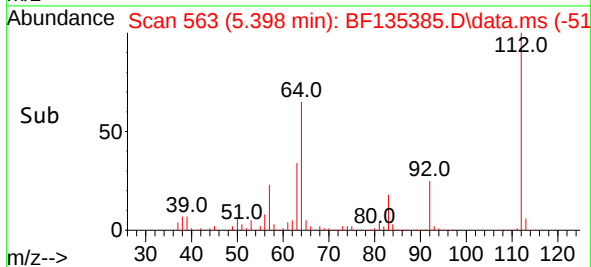
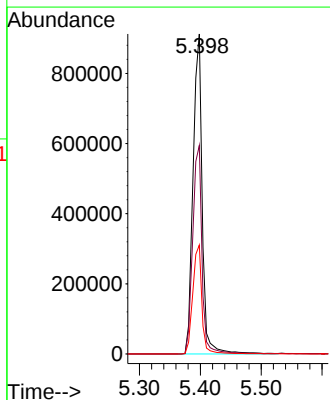
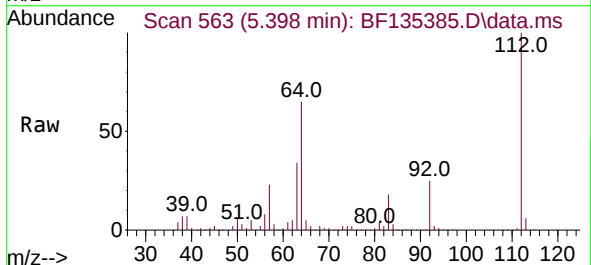
Instrument :
BNA_F
ClientSampleId :
306-TP-3-5-CS-2

Tgt Ion:152 Resp: 147849
Ion Ratio Lower Upper
152 100
150 158.4 127.8 191.6
115 61.0 49.8 74.8



#5
2-Fluorophenol
Concen: 105.464 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135385.D
Acq: 21 Sep 2023 17:41

Tgt Ion:112 Resp: 958701
Ion Ratio Lower Upper
112 100
64 65.2 55.9 83.9
63 34.0 29.0 43.6

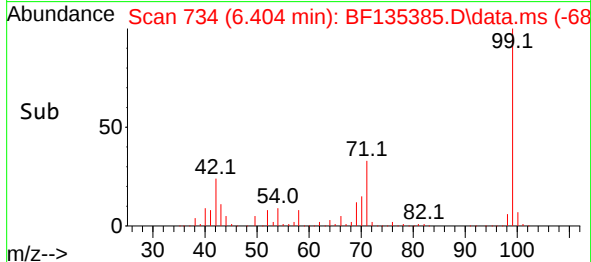
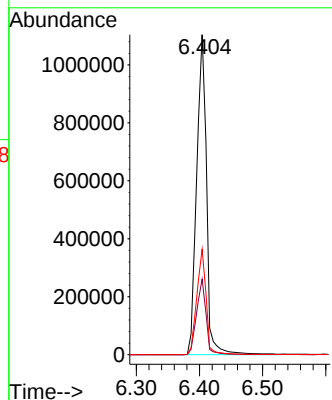
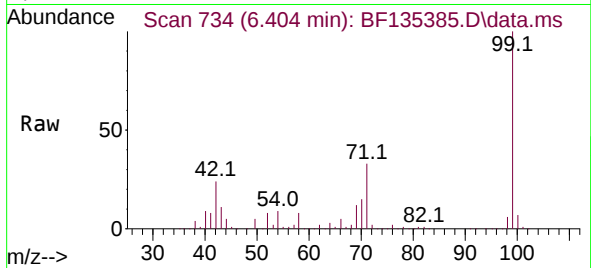




#7
Phenol-d6
Concen: 103.824 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135385.D
Acq: 21 Sep 2023 17:41

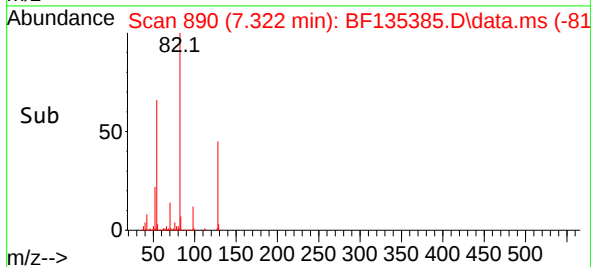
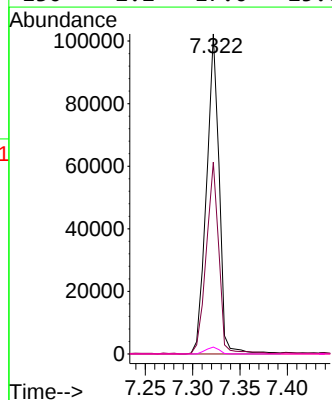
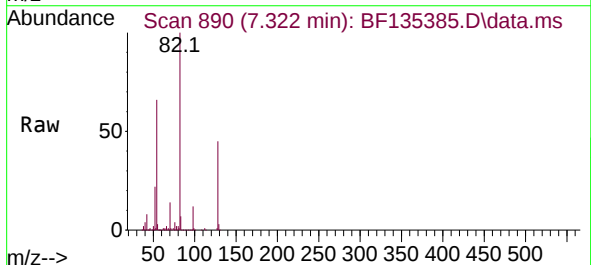
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BNA_F
ClientSampleId :
306-TP-3-5-CS-2

Tgt Ion: 99 Resp: 1200088
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 33.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.297 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135385.D
Acq: 21 Sep 2023 17:41

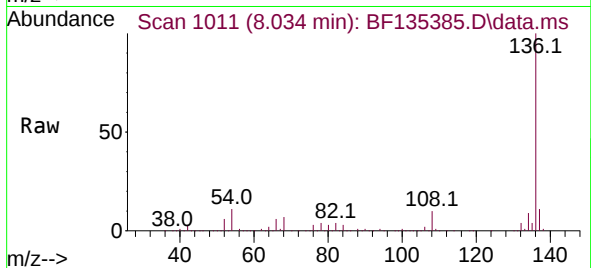
Tgt Ion: 70 Resp: 95203
Ion Ratio Lower Upper
70 100
42 59.9 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#



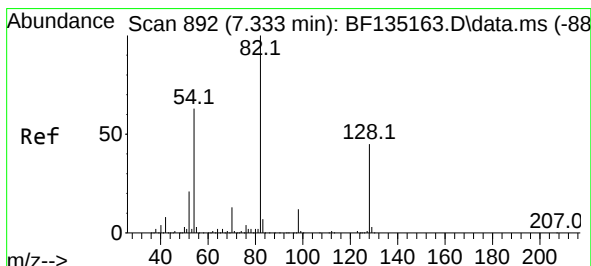
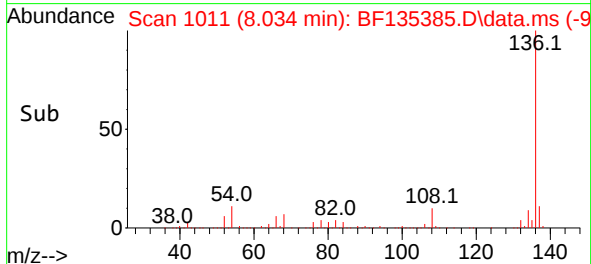
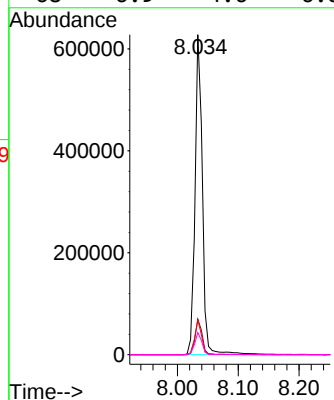


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135385.D
Acq: 21 Sep 2023 17:41

Instrument :
BNA_F
ClientSampleId :
306-TP-3-5-CS-2

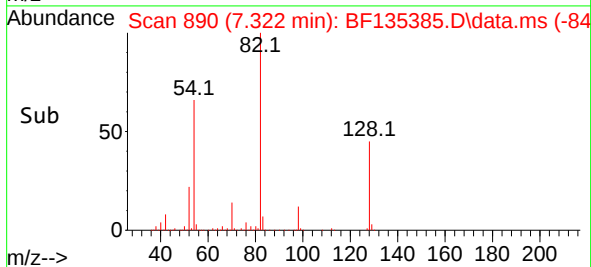
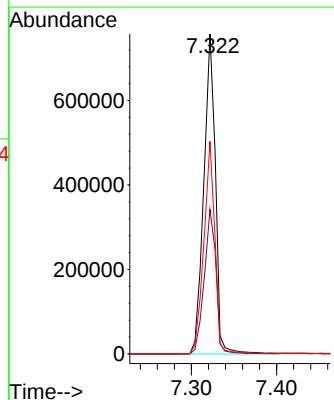
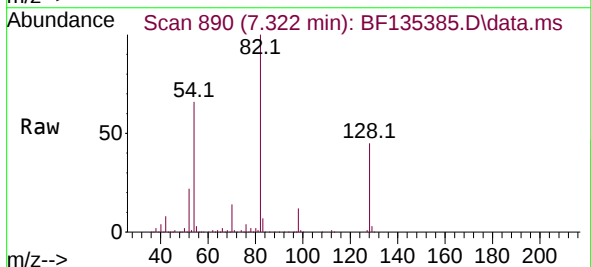


Tgt Ion:136 Resp: 530728
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.9 7.7 11.5
68 6.9 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 73.550 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135385.D
Acq: 21 Sep 2023 17:41

Tgt Ion: 82 Resp: 718493
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.6
54 66.4 50.6 76.0

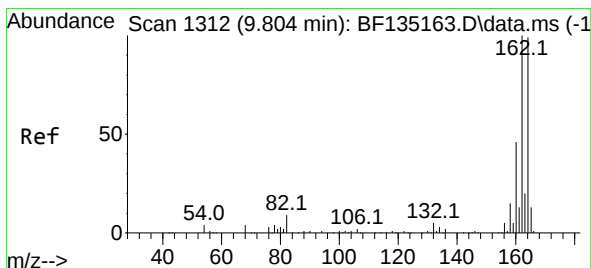
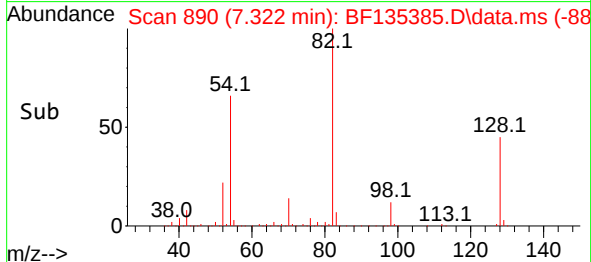
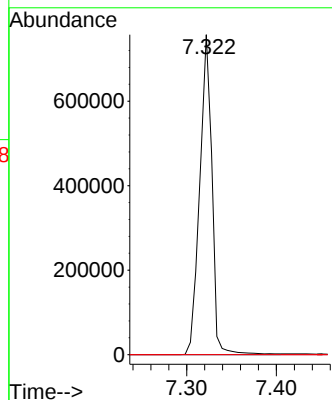
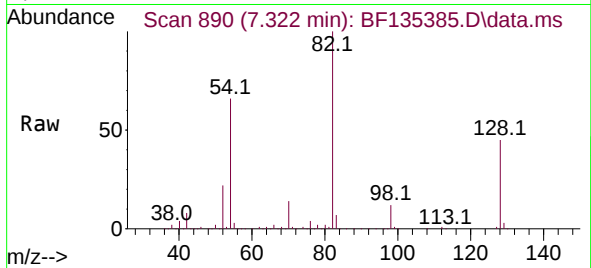




#25
Isophorone
Concen: 40.054 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135385.D
Acq: 21 Sep 2023 17:41

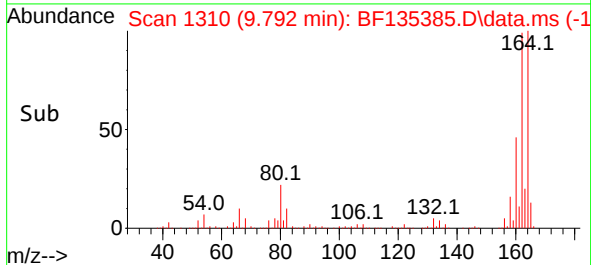
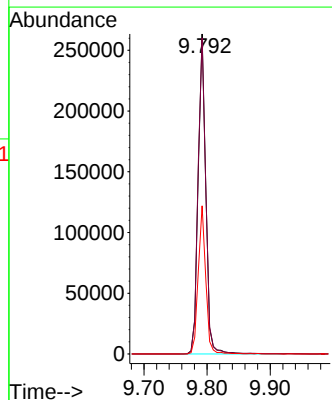
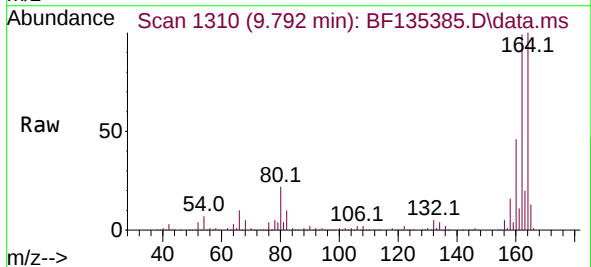
Instrument :
BNA_F
ClientSampleId :
306-TP-3-5-CS-2

Tgt Ion: 82 Resp: 718482
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: BF135385.D
Acq: 21 Sep 2023 17:41

Tgt Ion: 164 Resp: 220267
Ion Ratio Lower Upper
164 100
162 98.8 81.0 121.4
160 46.3 37.0 55.4

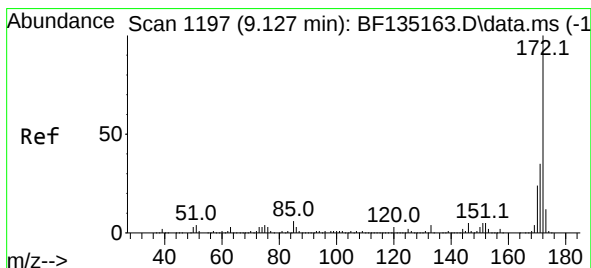
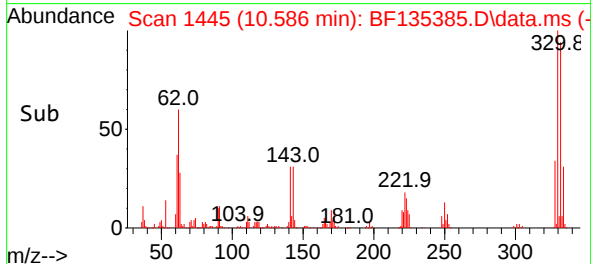
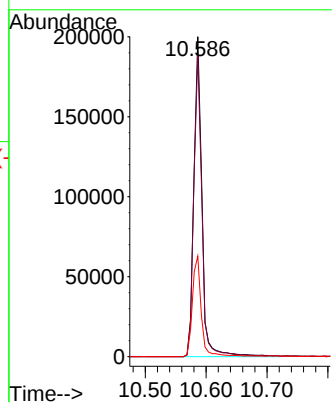
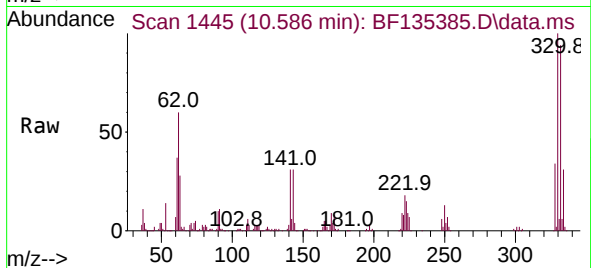




#42
2,4,6-Tribromophenol
Concen: 84.057 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135385.D
Acq: 21 Sep 2023 17:41

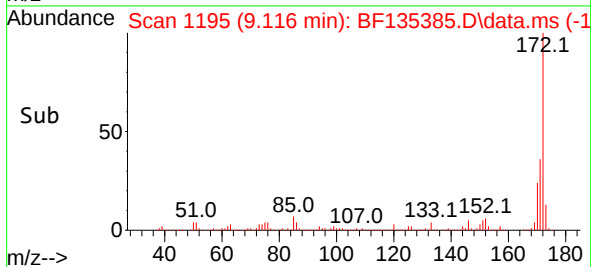
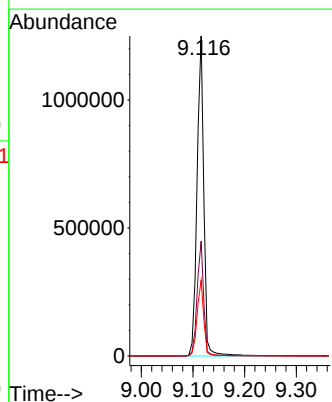
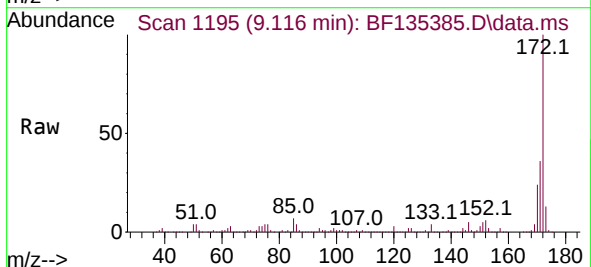
Instrument :
BNA_F
ClientSampleId :
306-TP-3-5-CS-2

Tgt Ion: 330 Resp: 183994
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 34.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 77.875 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135385.D
Acq: 21 Sep 2023 17:41

Tgt Ion: 172 Resp: 1136935
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.7 19.0 28.4

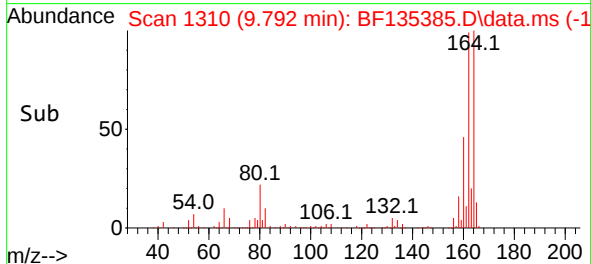
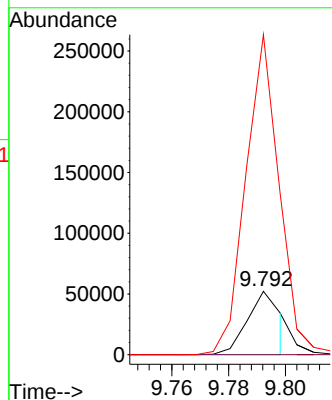
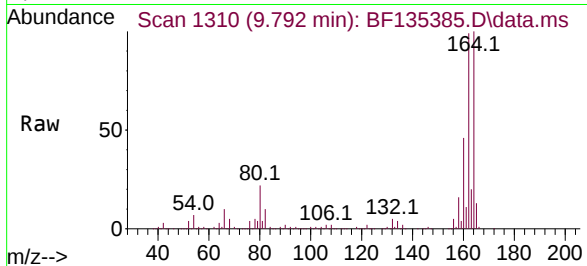




#50
Dimethylphthalate
Concen: 2.829 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135385.D
Acq: 21 Sep 2023 17:41

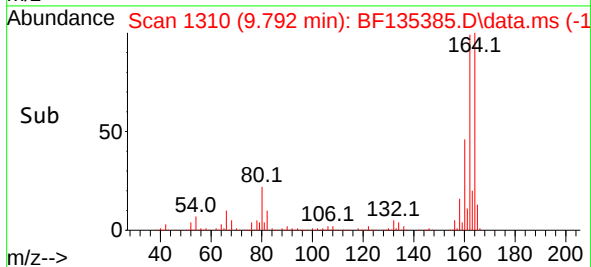
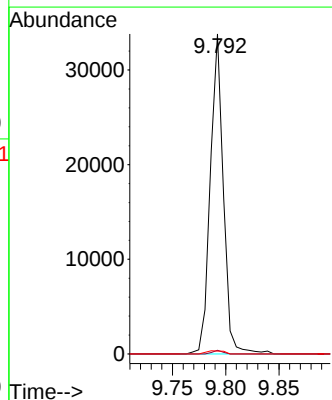
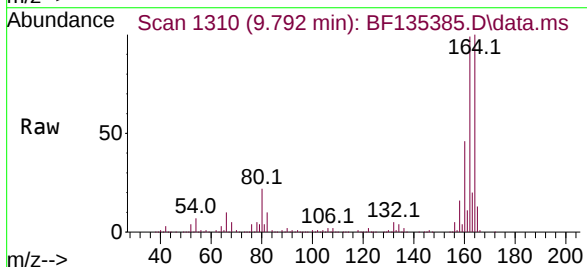
Instrument :
BNA_F
ClientSampleId :
306-TP-3-5-CS-2

Tgt Ion:163 Resp: 42127
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 504.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.852 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135385.D
Acq: 21 Sep 2023 17:41

Tgt Ion:165 Resp: 28880
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 0.9 49.8 74.8#

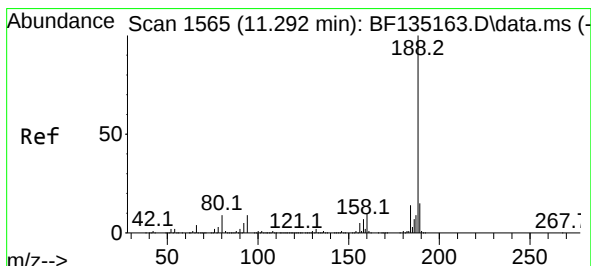
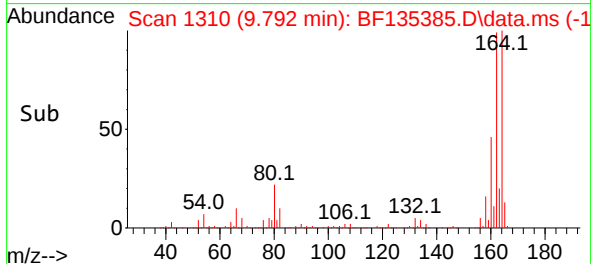
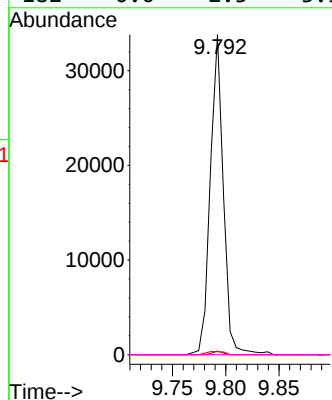
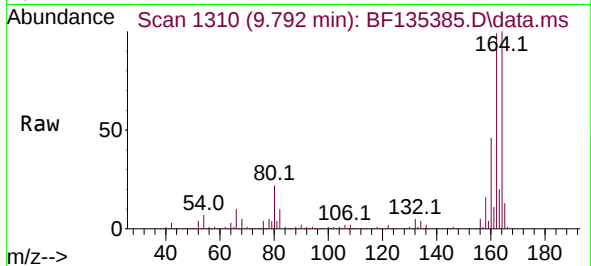




#57
2,4-Dinitrotoluene
Concen: 7.071 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135385.D
Acq: 21 Sep 2023 17:41

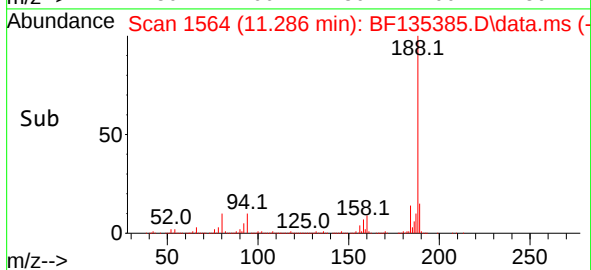
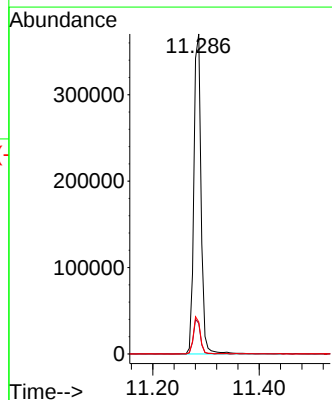
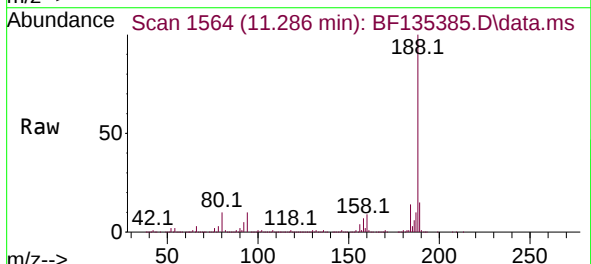
Instrument :
BNA_F
ClientSampleId :
306-TP-3-5-CS-2

Tgt Ion:165 Resp: 28880
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 0.9 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: BF135385.D
Acq: 21 Sep 2023 17:41

Tgt Ion:188 Resp: 349414
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.0 7.5 11.3

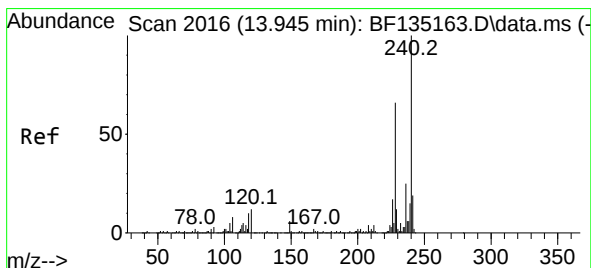
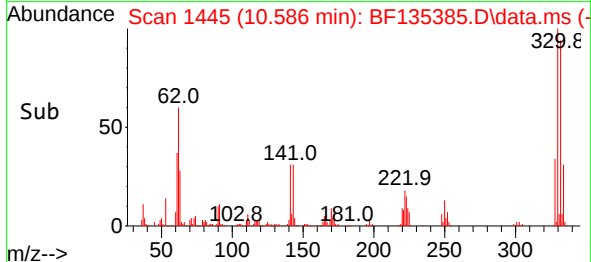
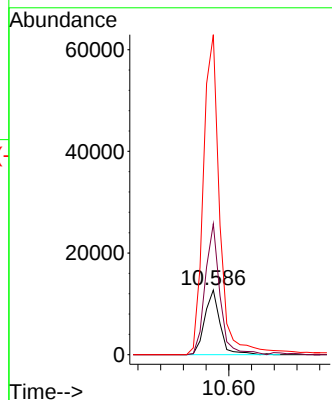
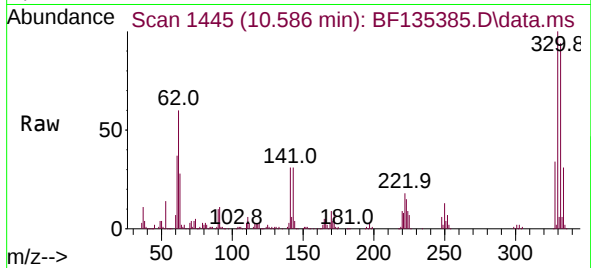




#67
4-Bromophenyl-phenylether
Concen: 3.416 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135385.D
Acq: 21 Sep 2023 17:41

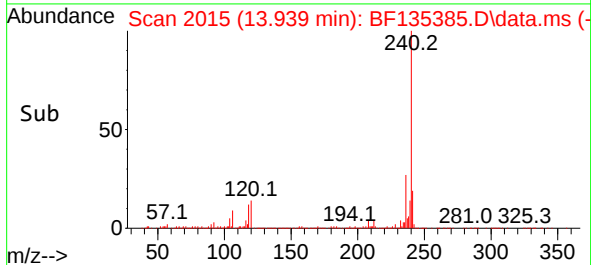
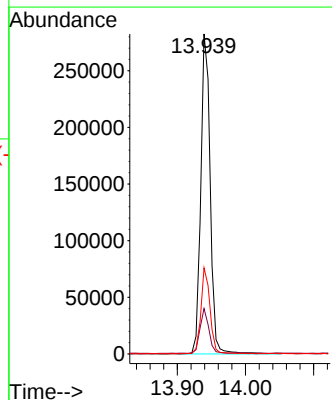
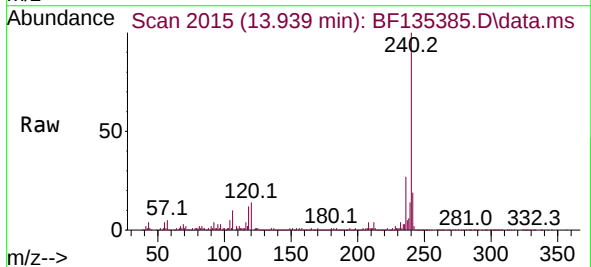
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BNA_F
ClientSampleId :
306-TP-3-5-CS-2

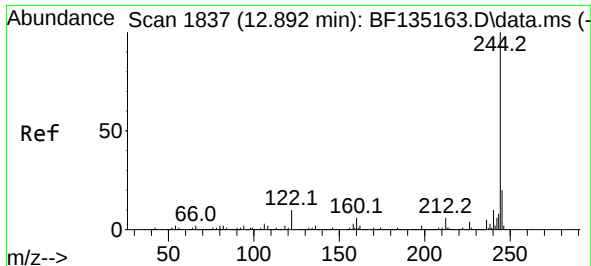
Tgt Ion:248 Resp: 11871
Ion Ratio Lower Upper
248 100
250 202.6 78.6 117.8#
141 495.4 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135385.D
Acq: 21 Sep 2023 17:41

Tgt Ion:240 Resp: 271246
Ion Ratio Lower Upper
240 100
120 14.2 9.4 14.2#
236 26.9 19.8 29.8

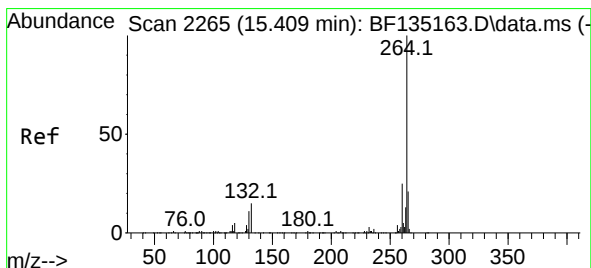
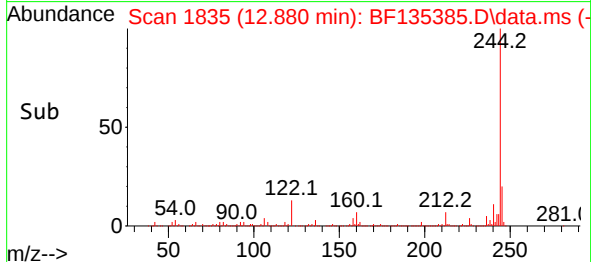
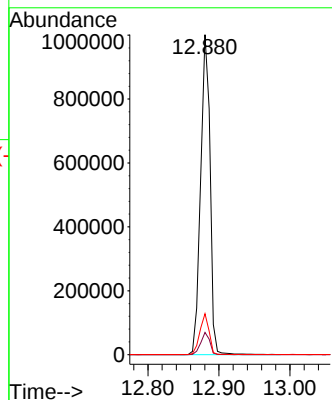
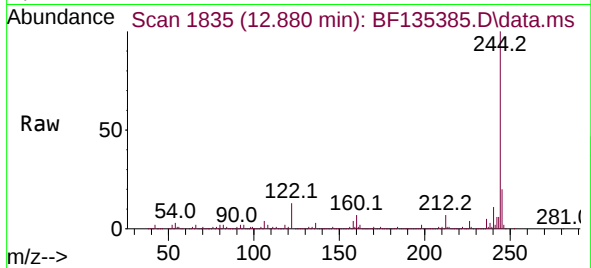




#79
 Terphenyl-d14
 Concen: 53.087 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135385.D
 Acq: 21 Sep 2023 17:41

Instrument :
 BNA_F
 ClientSampleId :
 306-TP-3-5-CS-2

Tgt Ion:244 Resp: 928887
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.8 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: BF135385.D
 Acq: 21 Sep 2023 17:41

Tgt Ion:264 Resp: 212981
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 21.2 17.0 25.4

