

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135235.D
 Acq On : 13 Sep 2023 21:59
 Operator : CG\JU
 Sample : 04336-07RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-BRE

Quant Time: Sep 14 02:24:35 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)

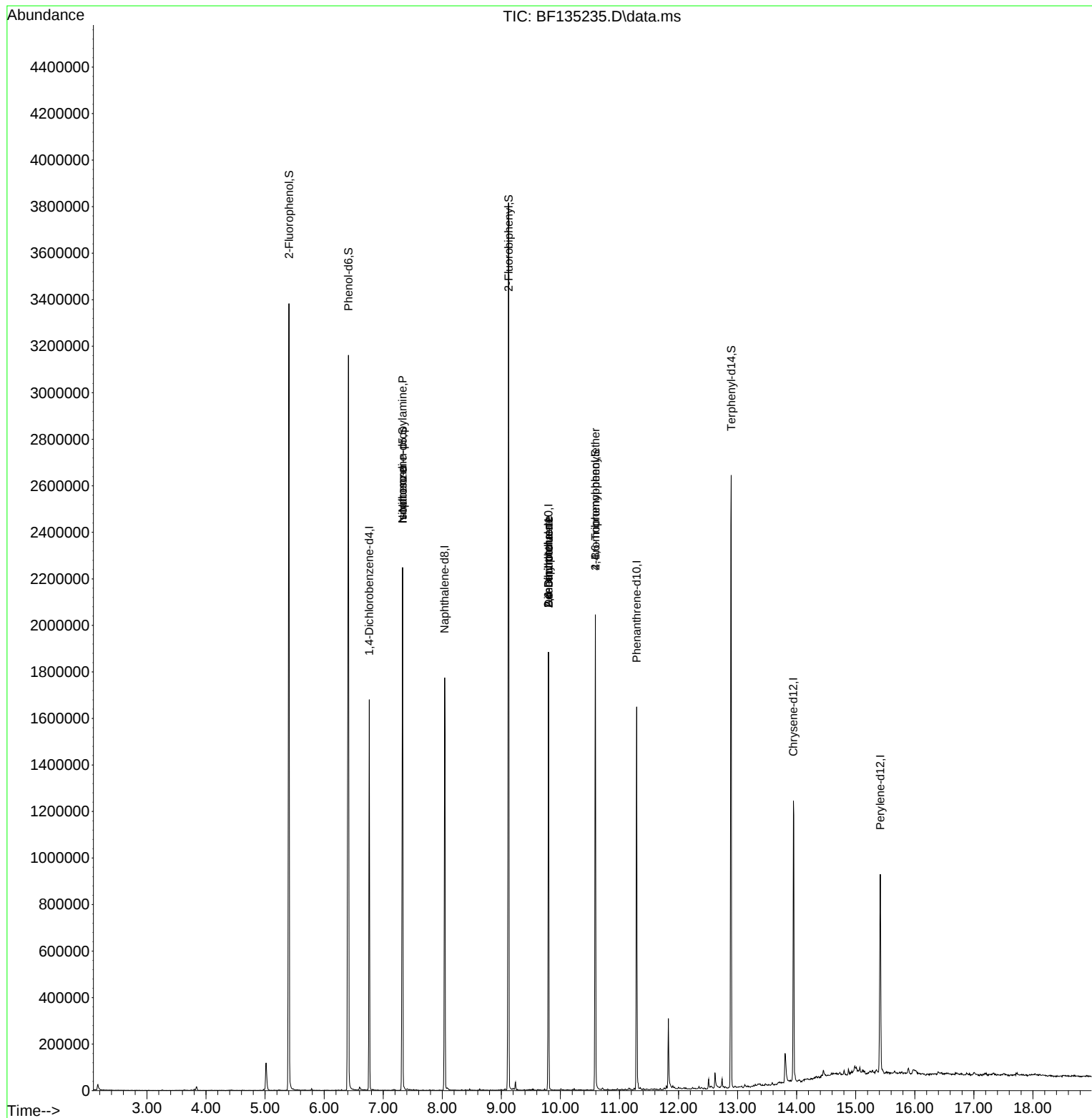
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	221200	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	790558	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	369350	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	578673	20.000	ng	0.00
76) Chrysene-d12	13.945	240	432495	20.000	ng	0.00
86) Perylene-d12	15.416	264	410187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	920769	67.703	ng	0.02
7) Phenol-d6	6.410	99	1178794	68.164	ng	0.00
23) Nitrobenzene-d5	7.328	82	734429	50.472	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	231486	63.068	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1252490	51.162	ng	0.00
79) Terphenyl-d14	12.892	244	976391	34.997	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.328	70	98079	9.156	ng	# 79
25) Isophorone	7.328	82	730992	27.358	ng	# 65
50) Dimethylphthalate	9.798	163	73269	2.934	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	47126	8.615	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	47126	6.881	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	14785	2.569	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
Data File : BF135235.D
Acq On : 13 Sep 2023 21:59
Operator : CG\JU
Sample : 04336-07RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-BRE

Quant Time: Sep 14 02:24:35 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

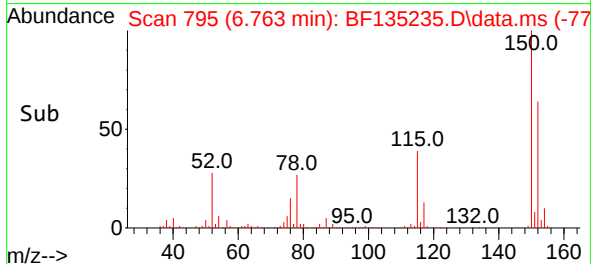
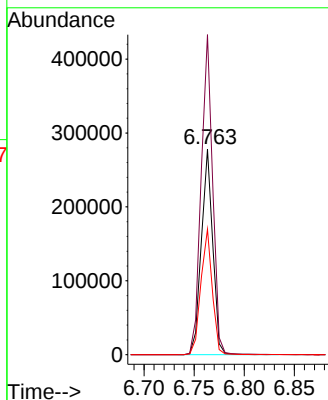
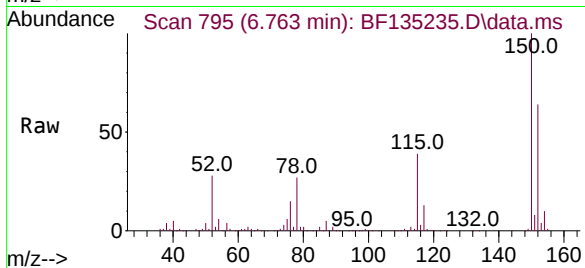




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

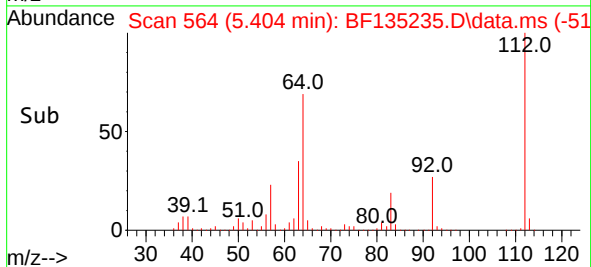
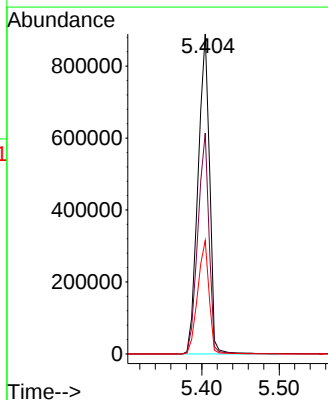
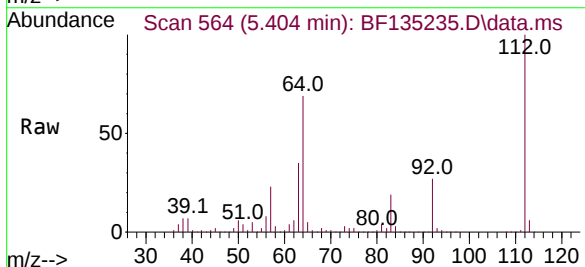
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-BRE

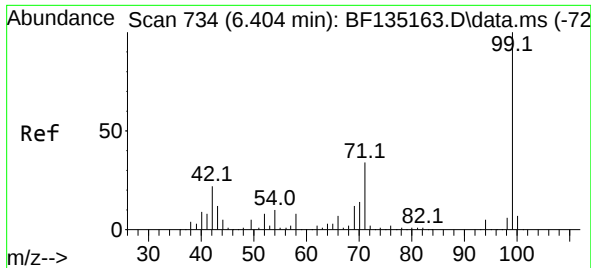
Tgt Ion:152 Resp: 221200
Ion Ratio Lower Upper
152 100
150 155.7 127.8 191.6
115 61.1 49.8 74.8



#5
2-Fluorophenol
Concen: 67.703 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

Tgt Ion:112 Resp: 920769
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 35.4 29.0 43.6

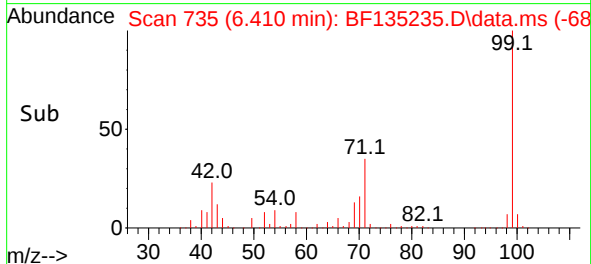
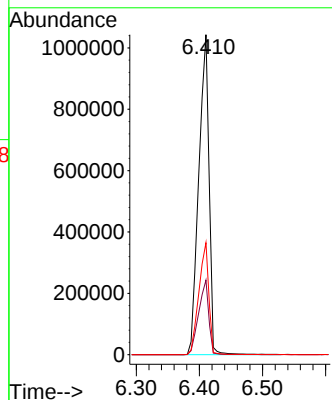
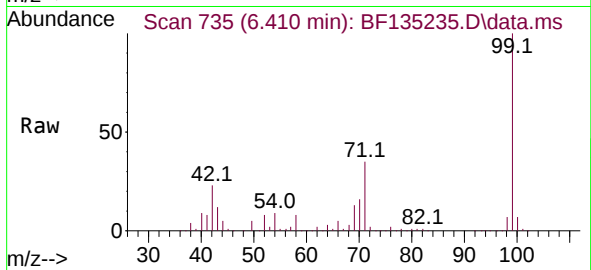




#7
Phenol-d6
Concen: 68.164 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

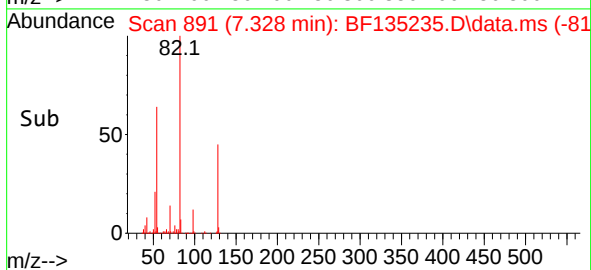
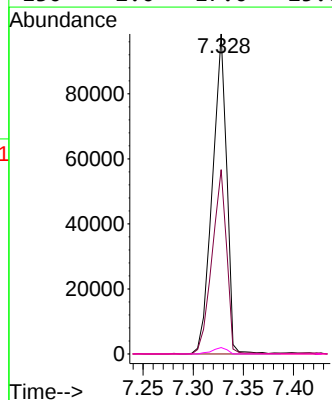
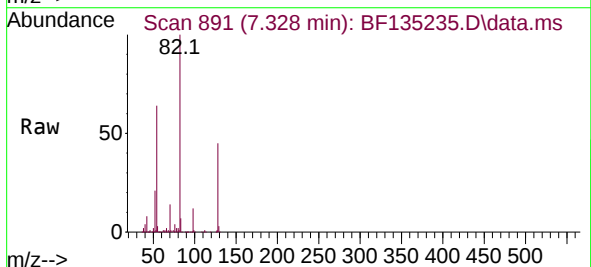
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-BRE

Tgt Ion: 99 Resp: 1178794
Ion Ratio Lower Upper
99 100
42 23.3 17.9 26.9
71 35.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.156 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

Tgt Ion: 70 Resp: 98079
Ion Ratio Lower Upper
70 100
42 57.6 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

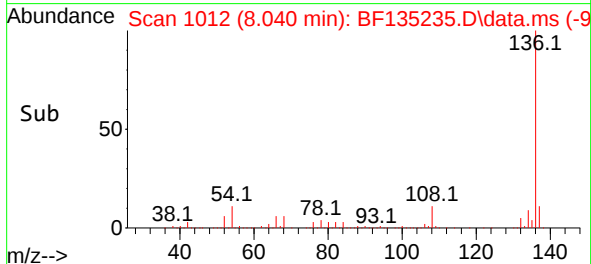
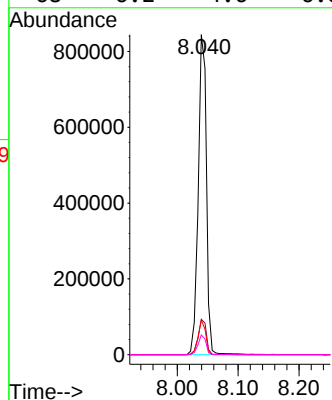
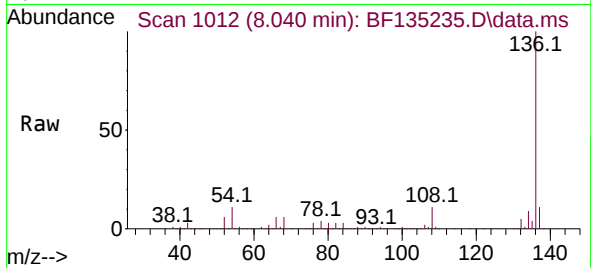




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

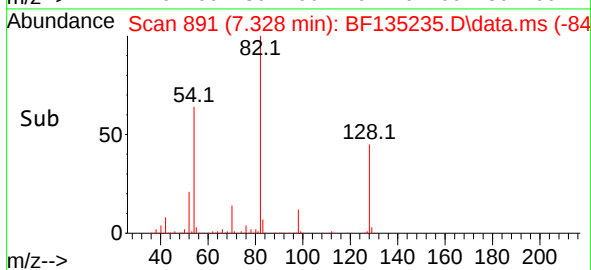
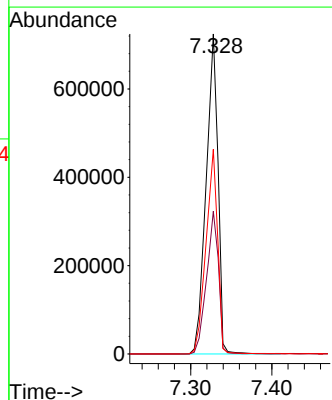
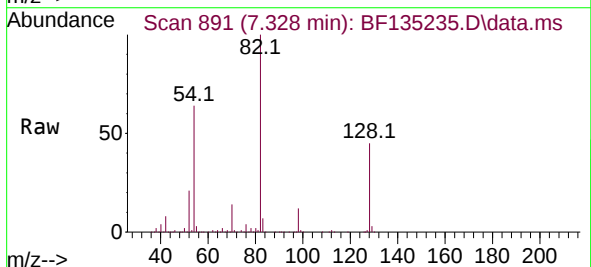
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-BRE

Tgt Ion:136 Resp: 790558
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.8 7.7 11.5
68 6.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 50.472 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

Tgt Ion: 82 Resp: 734429
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.6
54 63.9 50.6 76.0

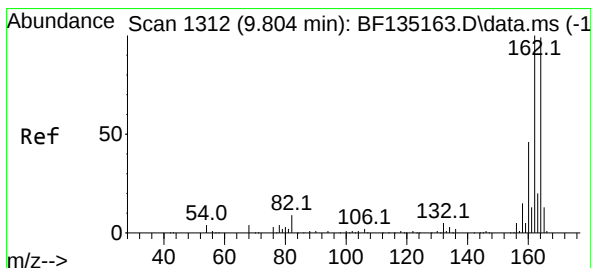
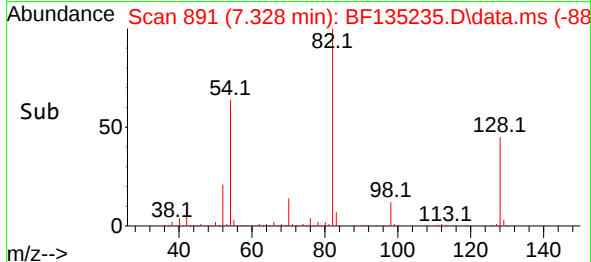
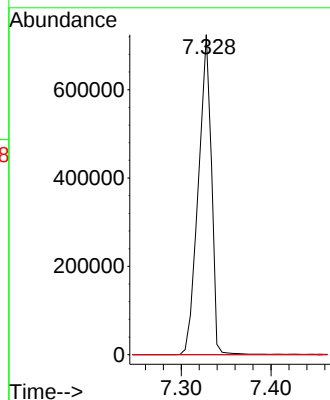
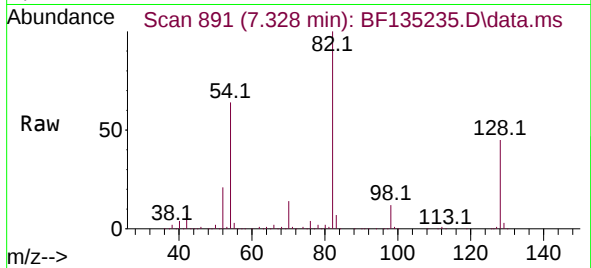




#25
Isophorone
Concen: 27.358 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

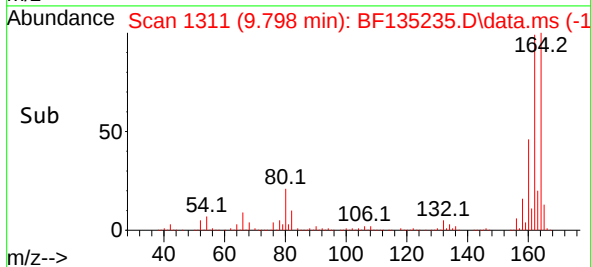
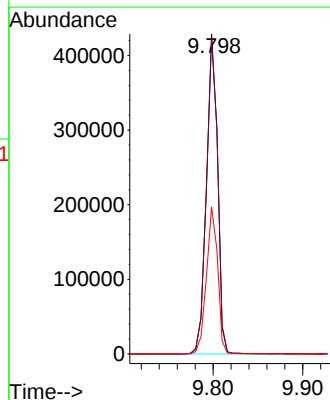
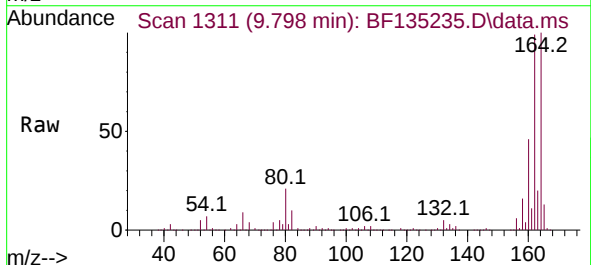
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-BRE

Tgt Ion: 82 Resp: 730992
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: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

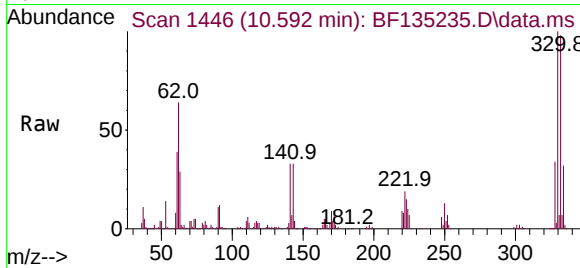
Tgt Ion: 164 Resp: 369350
Ion Ratio Lower Upper
164 100
162 98.7 81.0 121.4
160 46.0 37.0 55.4



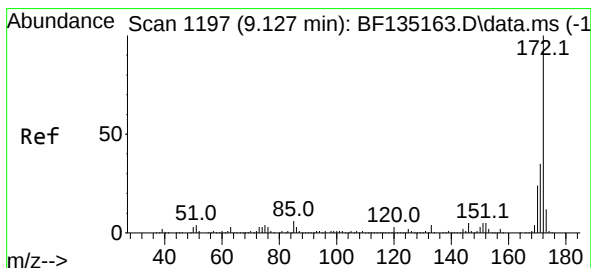
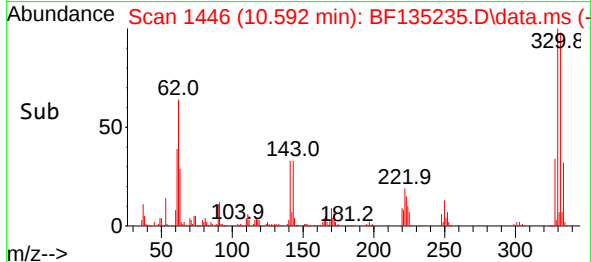
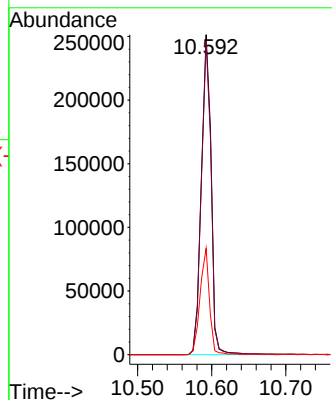


#42
2,4,6-Tribromophenol
Concen: 63.068 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-BRE

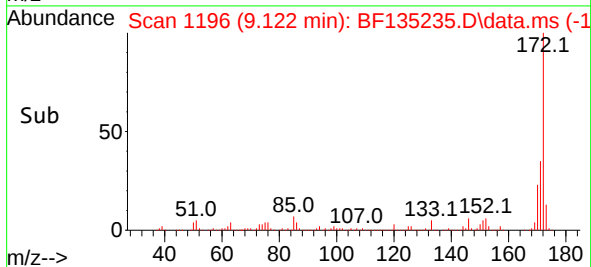
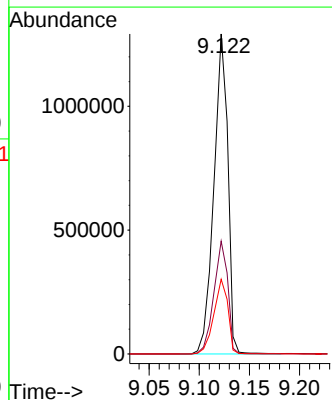
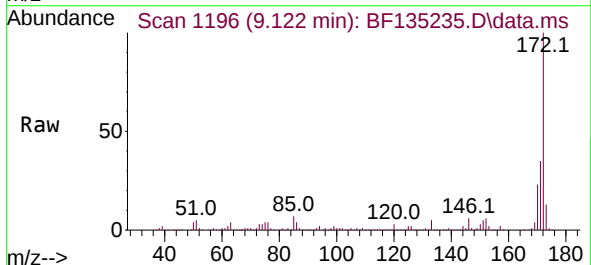


Tgt Ion: 330 Resp: 231486
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 31.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 51.162 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

Tgt Ion: 172 Resp: 1252490
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 19.0 28.4

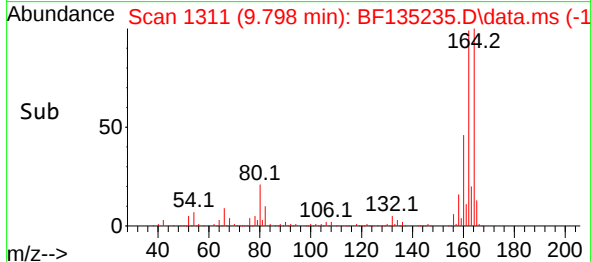
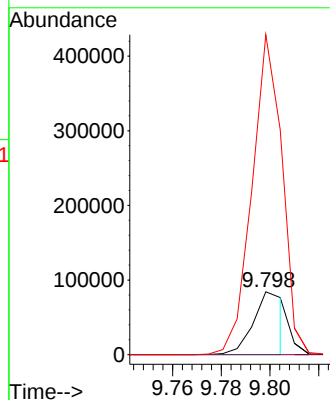
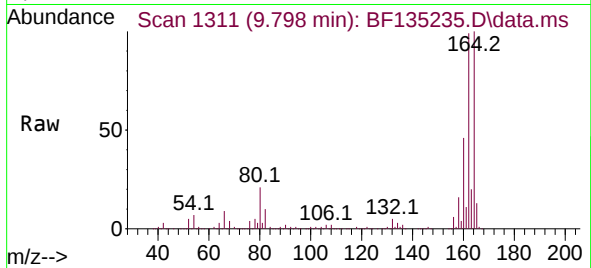




#50
Dimethylphthalate
Concen: 2.934 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

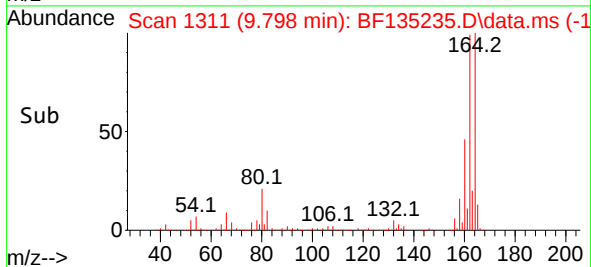
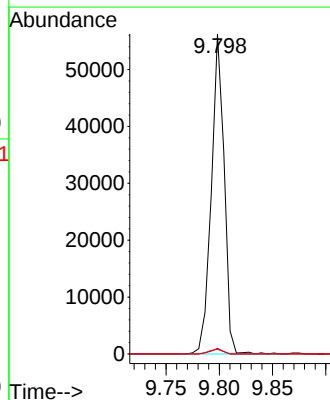
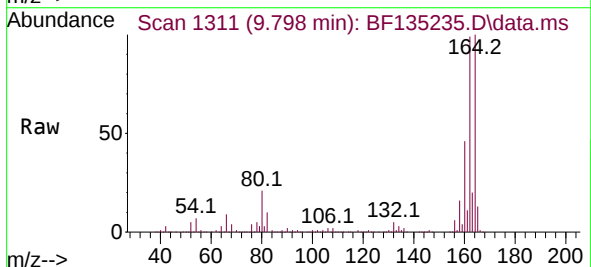
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-BRE

Tgt Ion:163 Resp: 73269
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 509.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.615 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

Tgt Ion:165 Resp: 47126
Ion Ratio Lower Upper
165 100
63 1.7 59.4 89.2#
89 1.5 49.8 74.8#

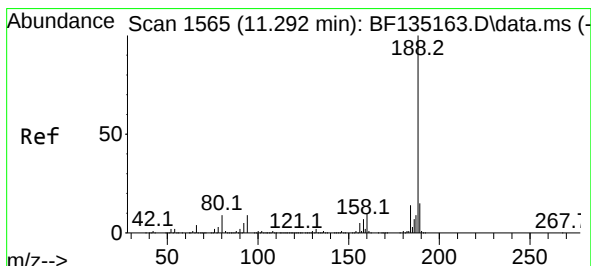
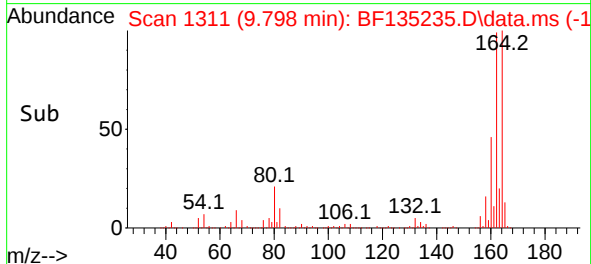
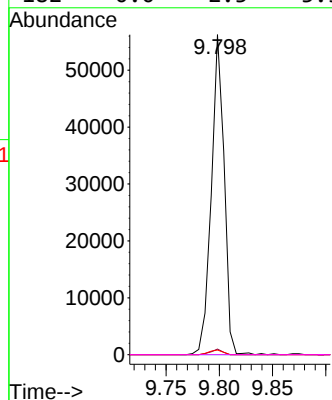
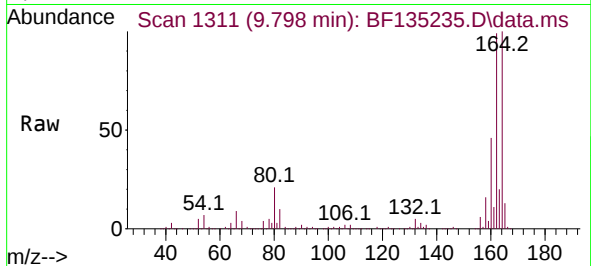




#57
2,4-Dinitrotoluene
Concen: 6.881 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.206 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

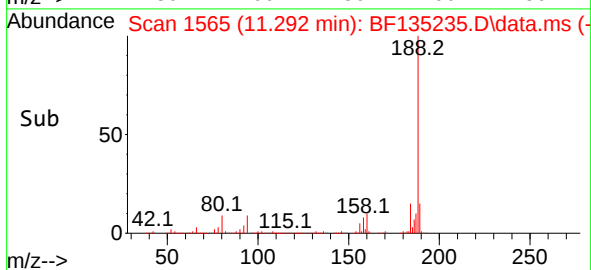
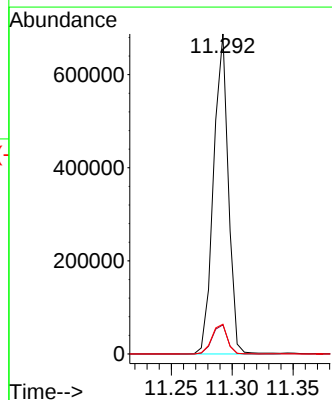
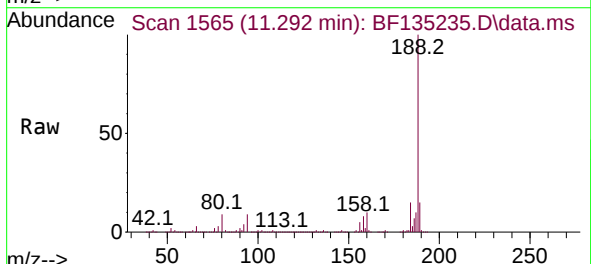
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-BRE

Tgt Ion:165 Resp: 47126
Ion Ratio Lower Upper
165 100
63 1.7 50.1 75.1#
89 1.5 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

Tgt Ion:188 Resp: 578673
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.3 7.5 11.3

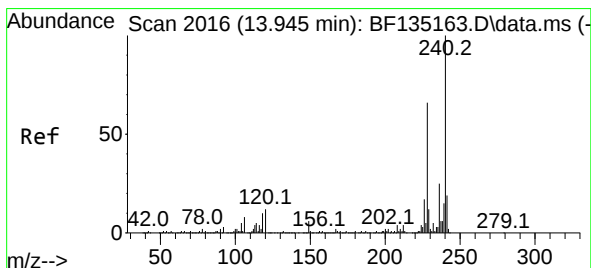
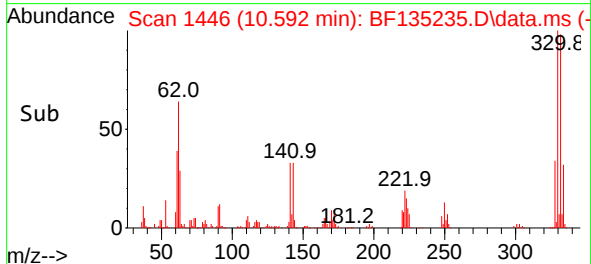
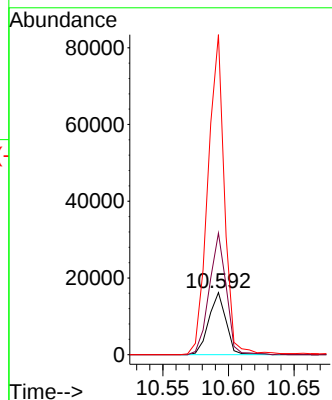
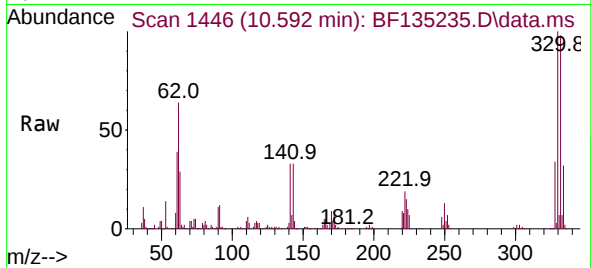




#67
4-Bromophenyl-phenylether
Concen: 2.569 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

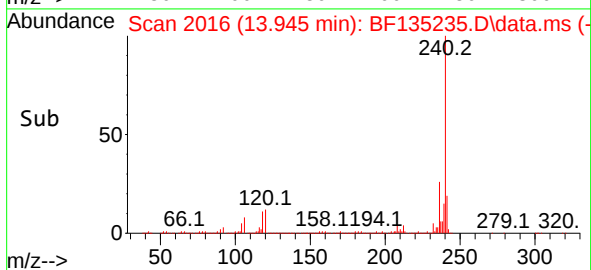
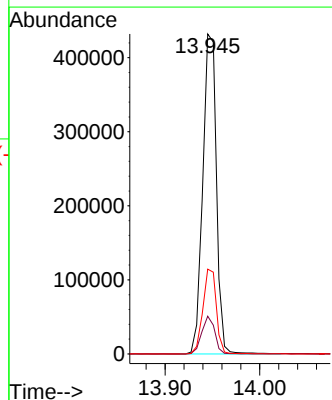
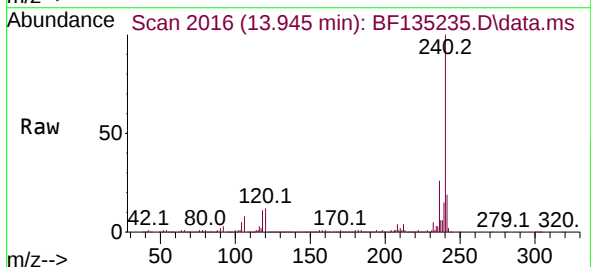
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-BRE

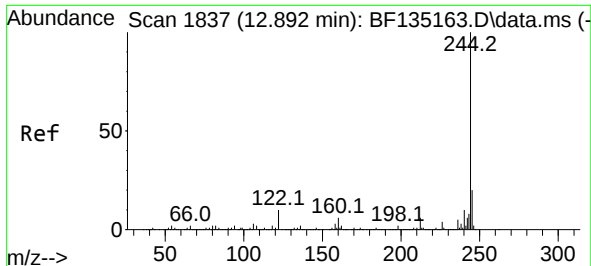
Tgt Ion:248 Resp: 14785
Ion Ratio Lower Upper
248 100
250 195.8 78.6 117.8#
141 515.4 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135235.D
Acq: 13 Sep 2023 21:59

Tgt Ion:240 Resp: 432495
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 26.5 19.8 29.8

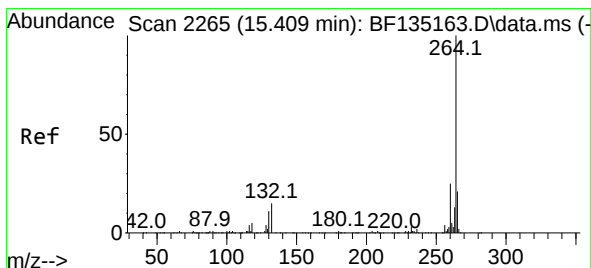
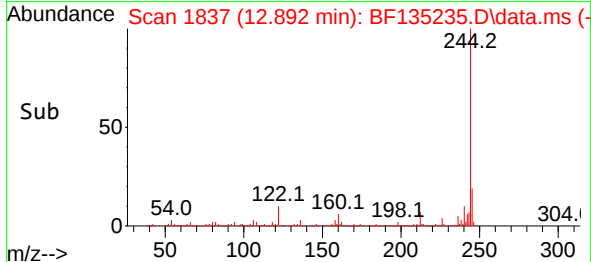
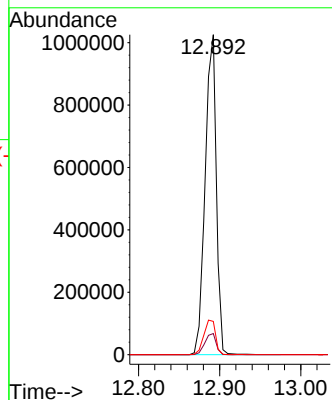
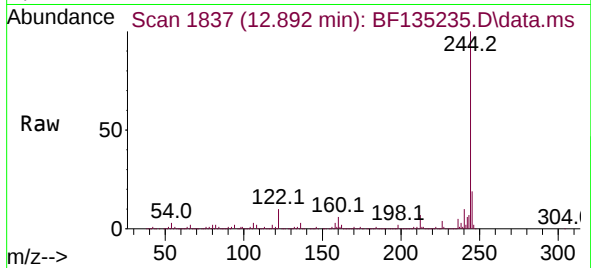




#79
 Terphenyl-d14
 Concen: 34.997 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135235.D
 Acq: 13 Sep 2023 21:59

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-BRE

Tgt Ion:244 Resp: 976391
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF135235.D
 Acq: 13 Sep 2023 21:59

Tgt Ion:264 Resp: 410187
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 20.9 17.0 25.4

