

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135190.D
 Acq On : 12 Sep 2023 19:54
 Operator : CG\JU
 Sample : 04336-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-A

Quant Time: Sep 13 02:45:09 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)

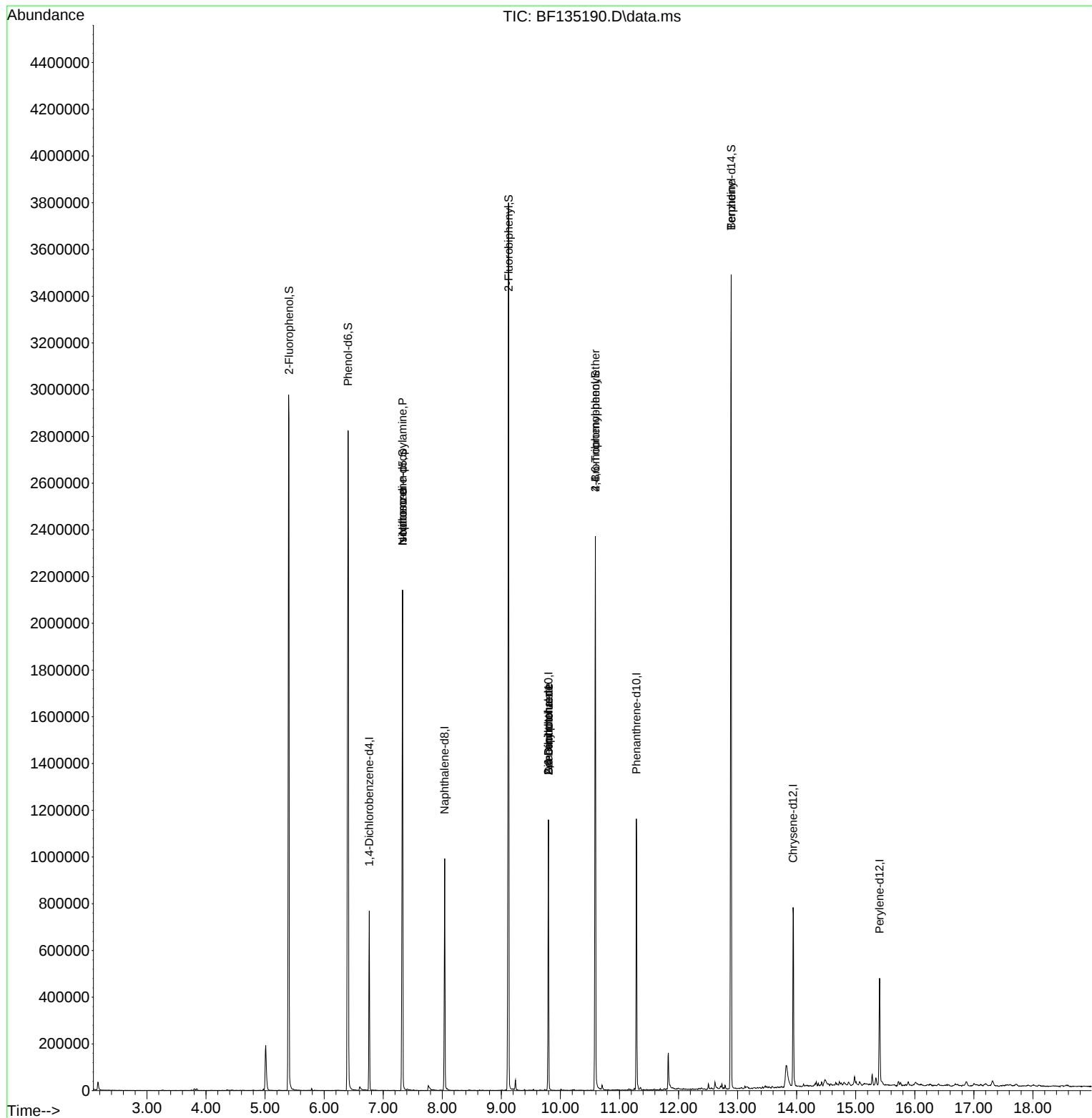
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	104768	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	406477	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	213582	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	432611	20.000	ng	0.00
76) Chrysene-d12	13.939	240	269214	20.000	ng	0.00
86) Perylene-d12	15.404	264	210711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	872338	135.424	ng	0.02
7) Phenol-d6	6.404	99	1148133	140.174	ng	0.00
23) Nitrobenzene-d5	7.328	82	700651	93.648	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	302018	142.294	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1244875	87.937	ng	0.00
79) Terphenyl-d14	12.892	244	1330156	76.593	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	93663	18.462	ng	# 78
25) Isophorone	7.328	82	695328	50.612	ng	# 65
50) Dimethylphthalate	9.798	163	43713	3.027	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	27689	8.753	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	27689	6.992	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	18870	4.386	ng	# 1
77) Benzidine	12.892	184	16546	3.000	ng	# 96

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

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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

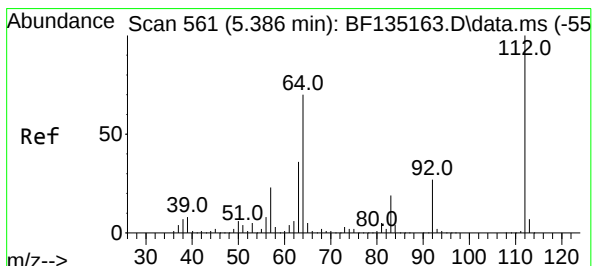
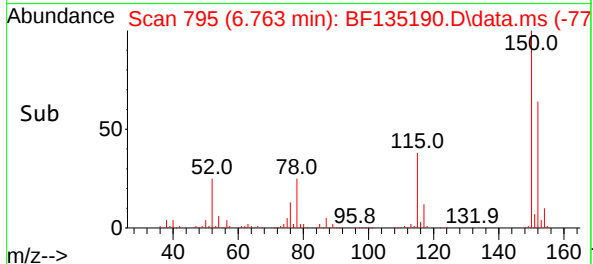
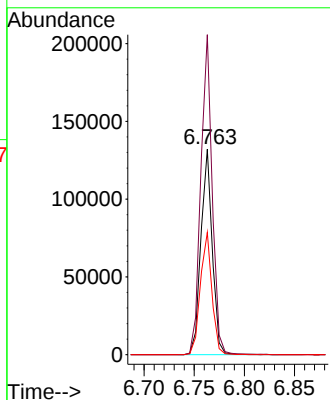
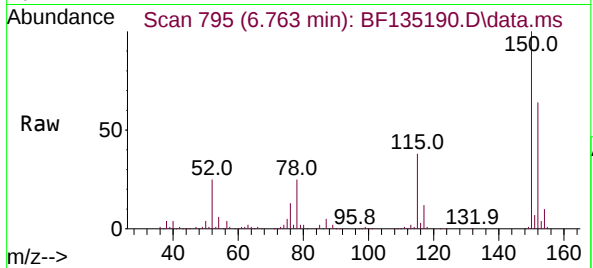




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

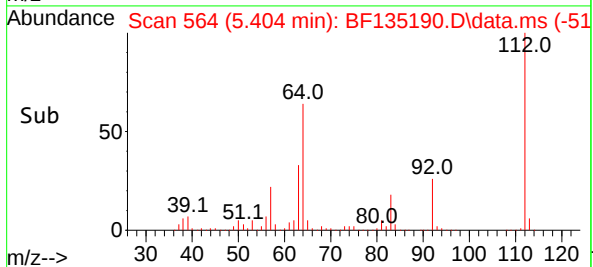
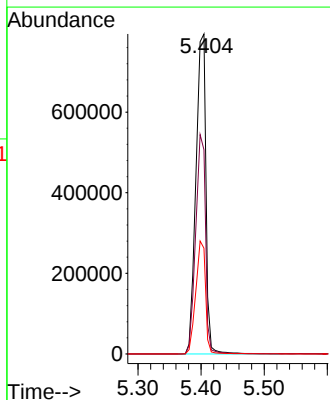
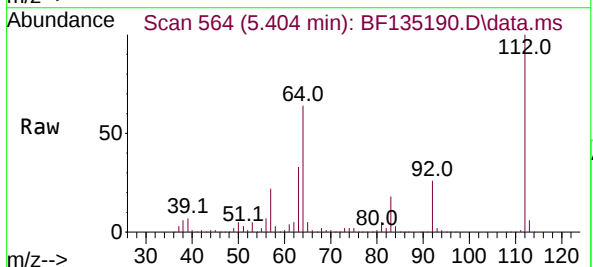
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-A

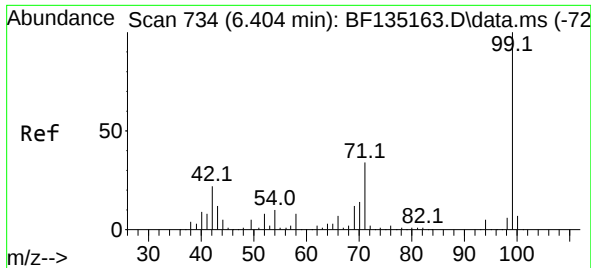
Tgt Ion:152 Resp: 104768
Ion Ratio Lower Upper
152 100
150 155.8 127.8 191.6
115 59.5 49.8 74.8



#5
2-Fluorophenol
Concen: 135.424 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

Tgt Ion:112 Resp: 872338
Ion Ratio Lower Upper
112 100
64 63.8 55.9 83.9
63 33.1 29.0 43.6

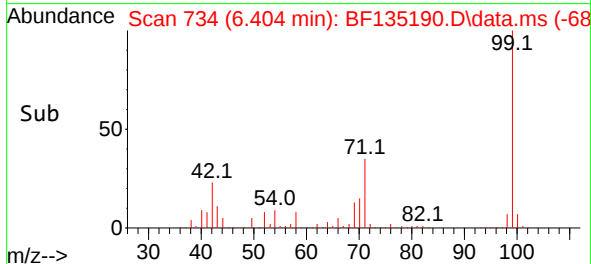
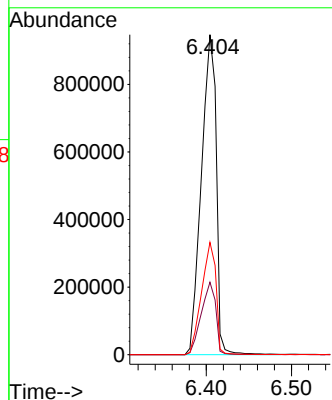
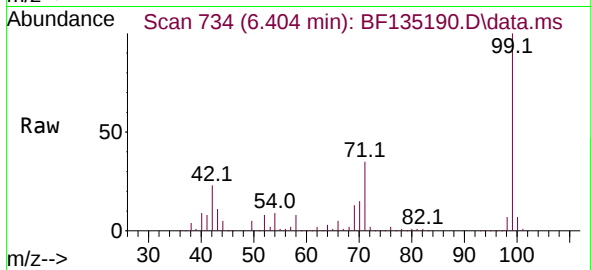




#7
Phenol-d6
Concen: 140.174 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

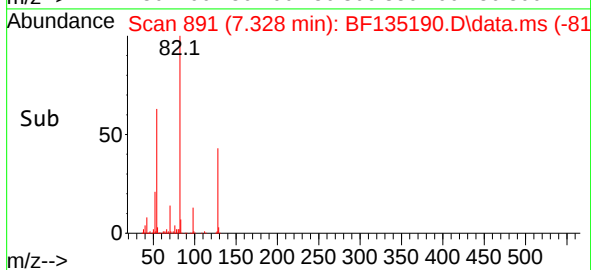
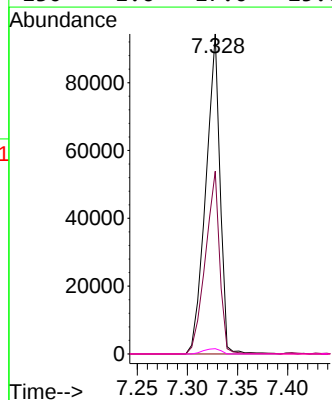
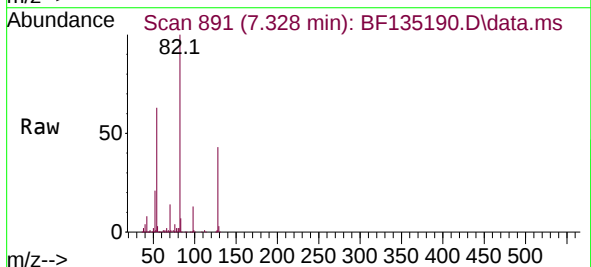
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-A

Tgt Ion: 99 Resp: 1148133
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 35.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.462 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

Tgt Ion: 70 Resp: 93663
Ion Ratio Lower Upper
70 100
42 57.1 55.4 83.0
101 0.0 7.7 11.5#
130 1.6 17.0 25.6#

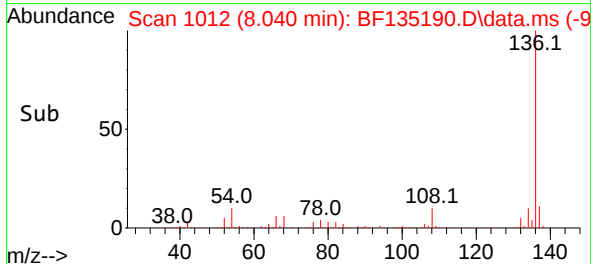
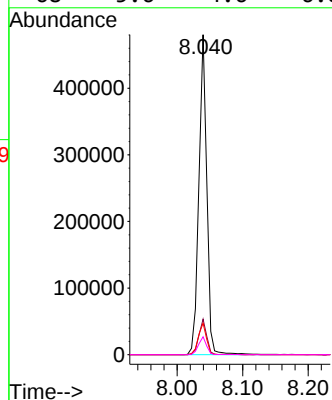
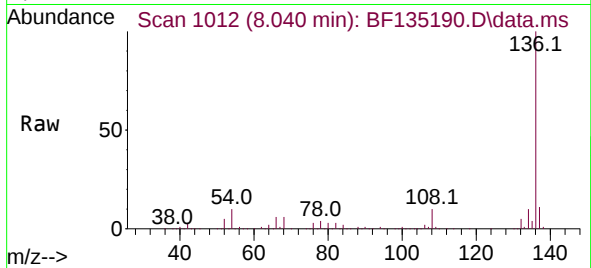




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

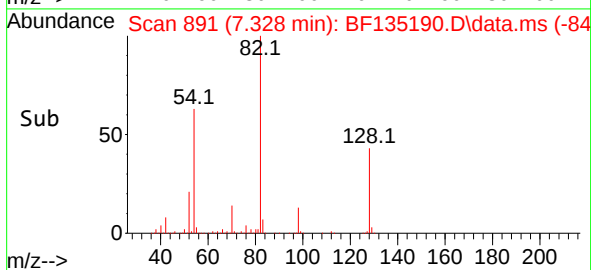
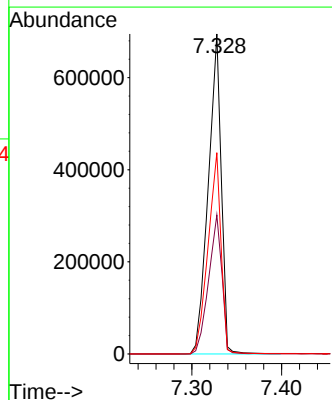
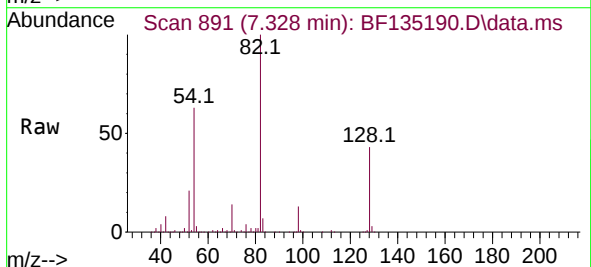
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-A

Tgt Ion:136 Resp: 406477
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.8 7.7 11.5
68 5.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 93.648 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

Tgt Ion: 82 Resp: 700651
Ion Ratio Lower Upper
82 100
128 43.4 35.8 53.6
54 62.9 50.6 76.0

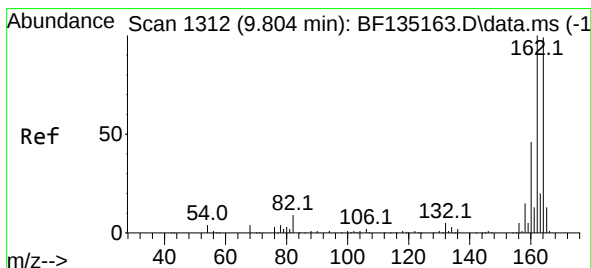
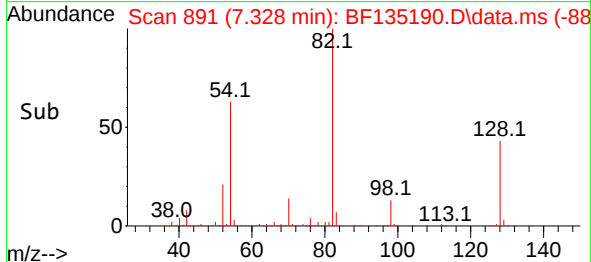
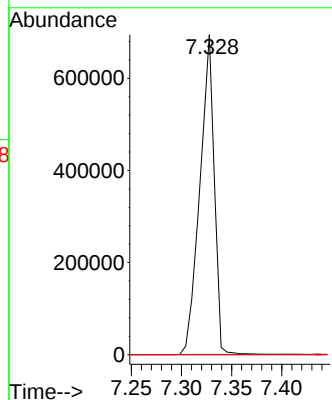
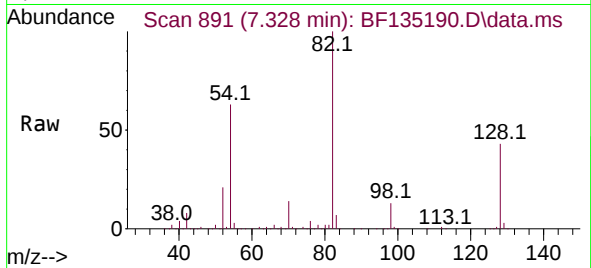




#25
Isophorone
Concen: 50.612 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

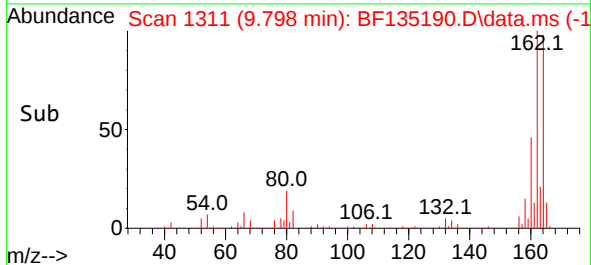
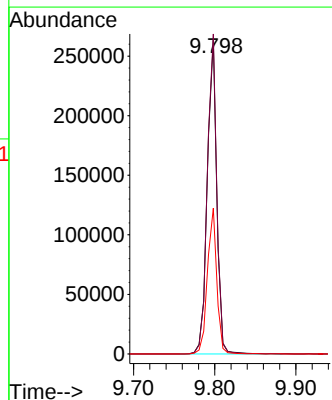
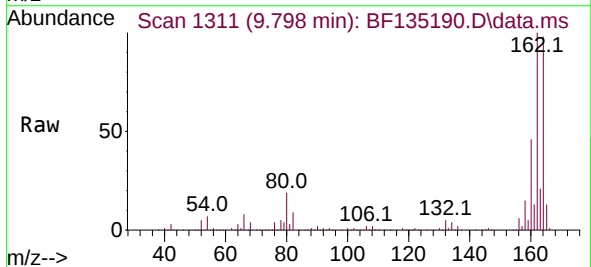
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ClientSampleId :
DUCT-BANK-A

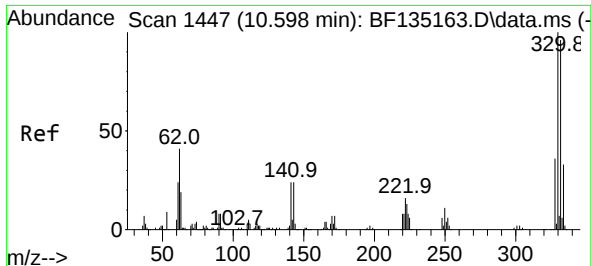
Tgt Ion: 82 Resp: 695328
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

Tgt Ion:164 Resp: 213582
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.4
160 46.5 37.0 55.4

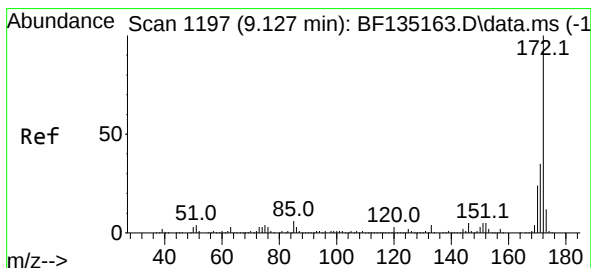
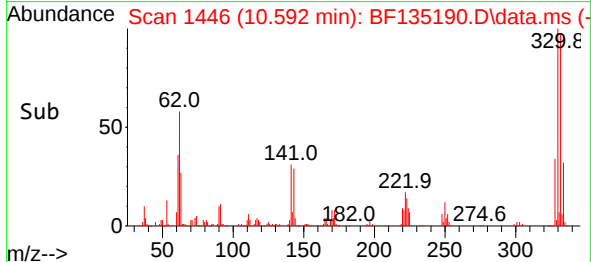
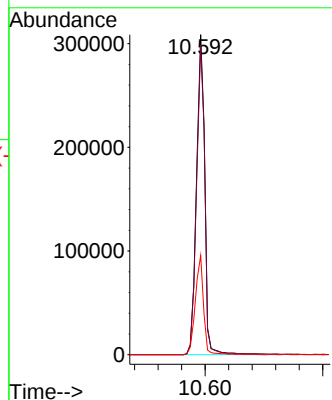
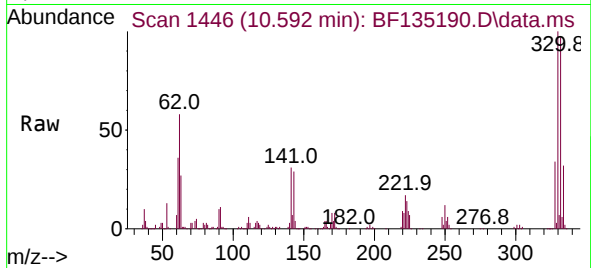




#42
2,4,6-Tribromophenol
Concen: 142.294 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

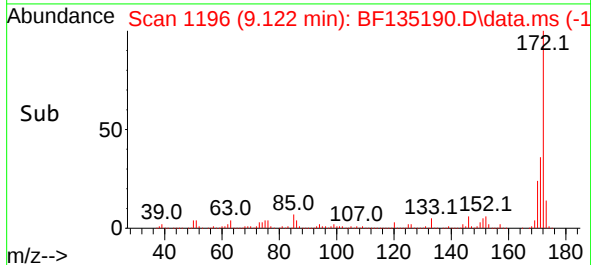
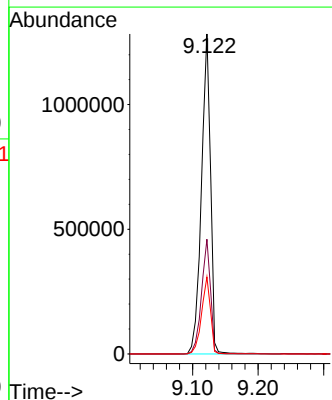
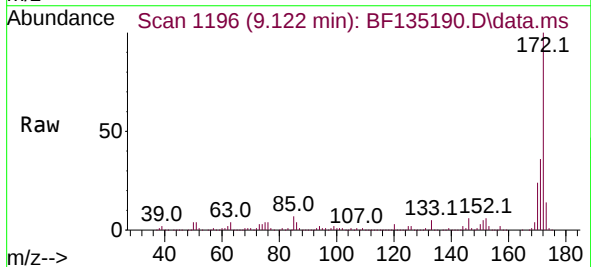
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-A

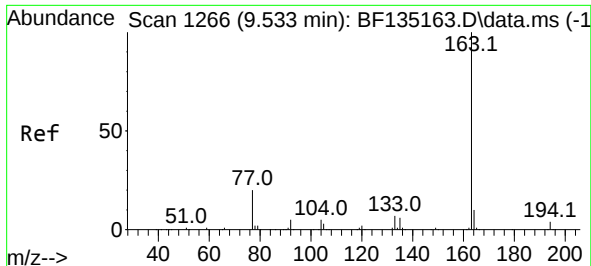
Tgt Ion:330 Resp: 302018
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 87.937 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

Tgt Ion:172 Resp: 1244875
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.1 19.0 28.4

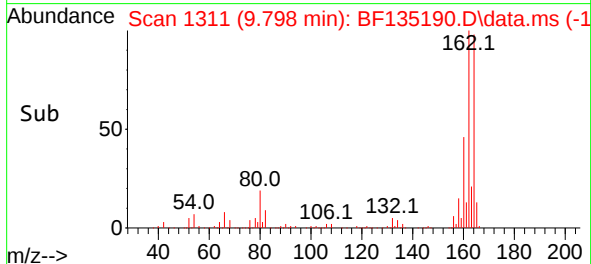
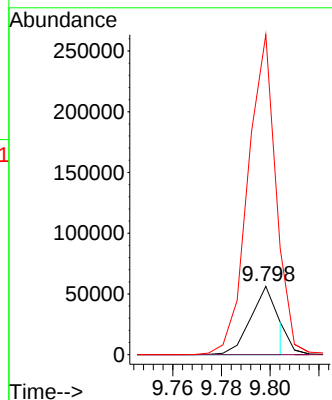
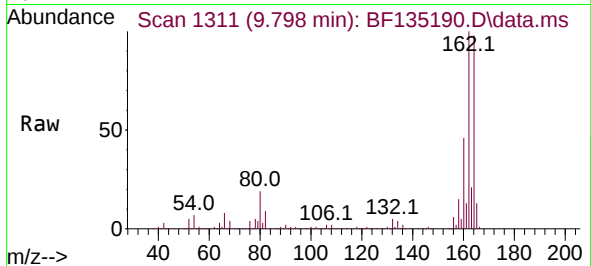




#50
Dimethylphthalate
Concen: 3.027 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

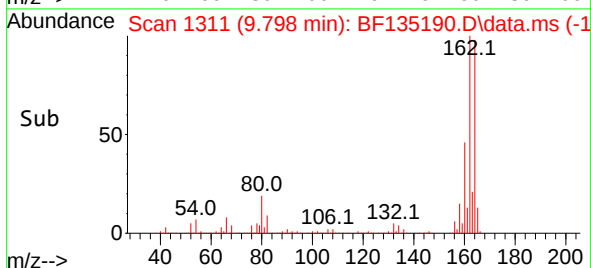
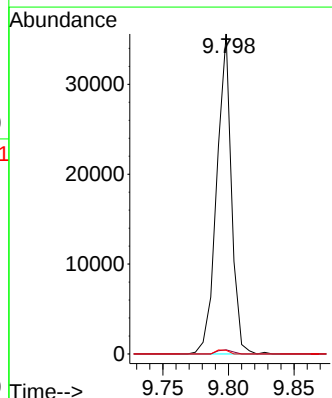
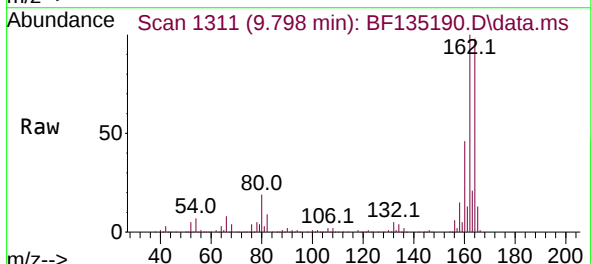
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-A

Tgt Ion:163 Resp: 43713
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 467.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.753 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

Tgt Ion:165 Resp: 27689
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.1 49.8 74.8#

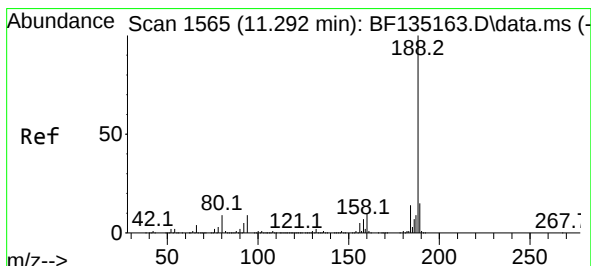
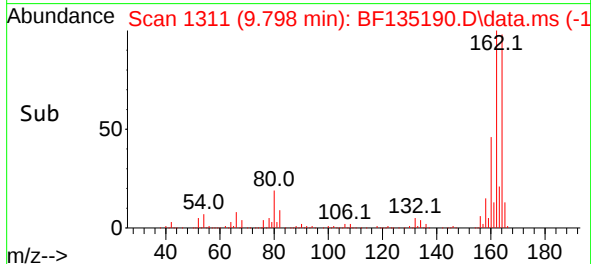
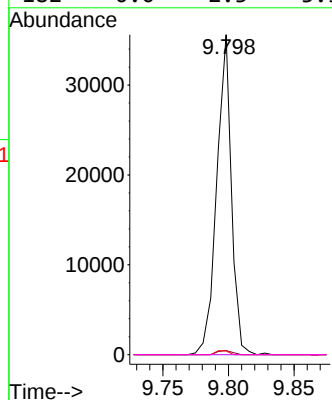
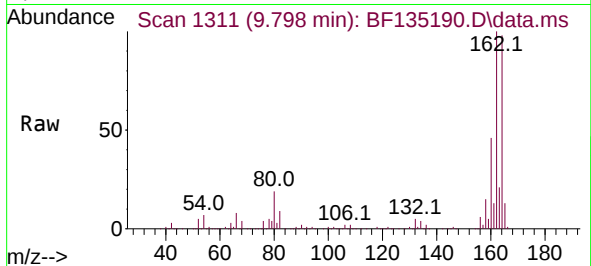




#57
2,4-Dinitrotoluene
Concen: 6.992 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

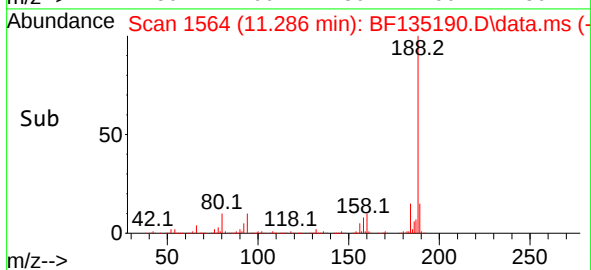
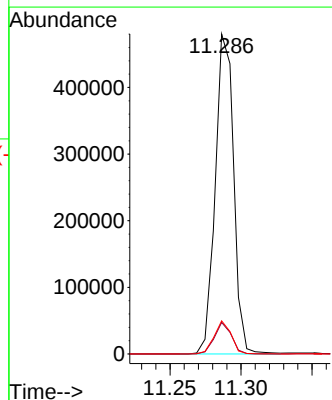
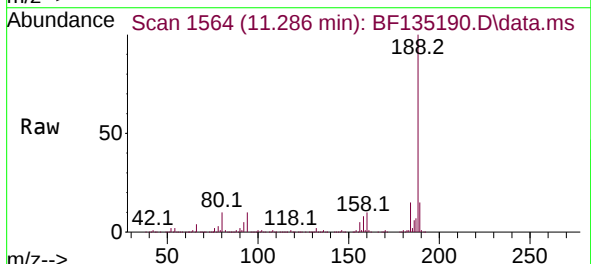
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DUCT-BANK-A

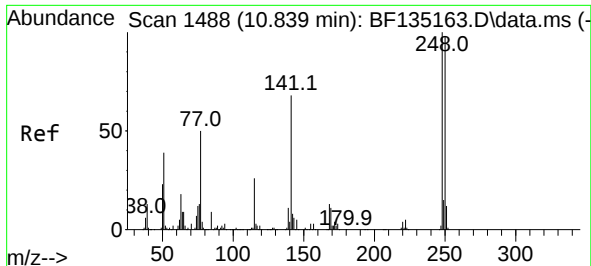
Tgt Ion:165 Resp: 27689
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

Tgt Ion:188 Resp: 432611
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.3 7.5 11.3

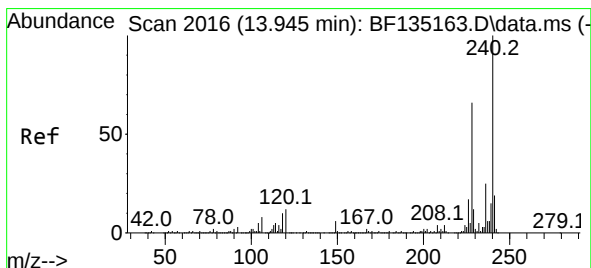
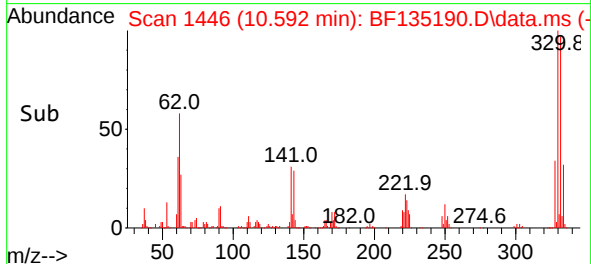
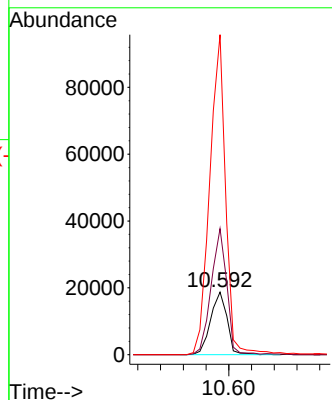
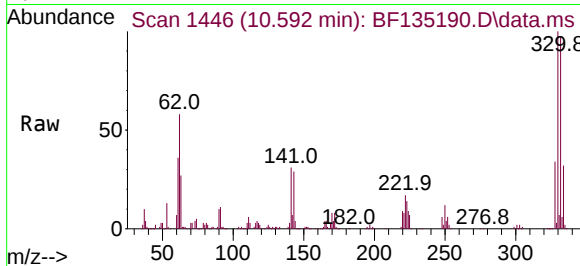




#67
4-Bromophenyl-phenylether
Concen: 4.386 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

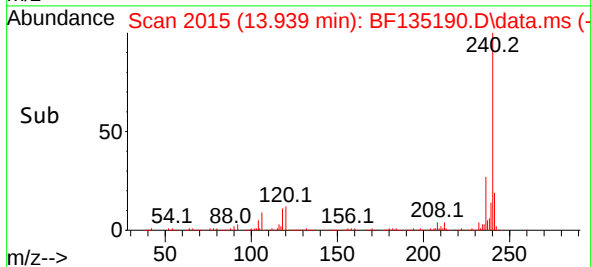
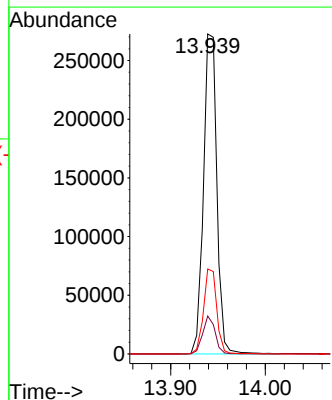
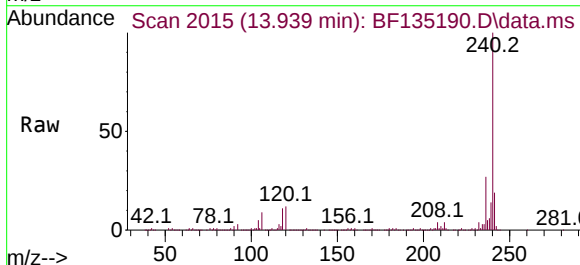
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-A

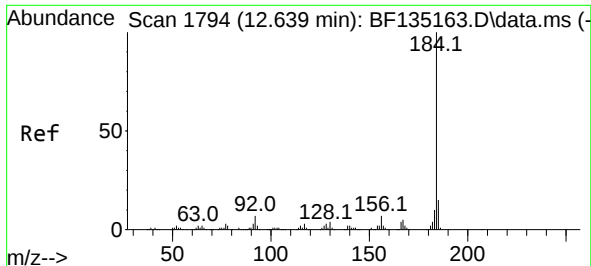
Tgt Ion:248 Resp: 18870
Ion Ratio Lower Upper
248 100
250 201.2 78.6 117.8#
141 510.9 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

Tgt Ion:240 Resp: 269214
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 26.6 19.8 29.8

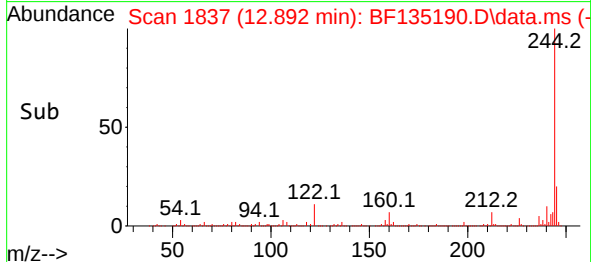
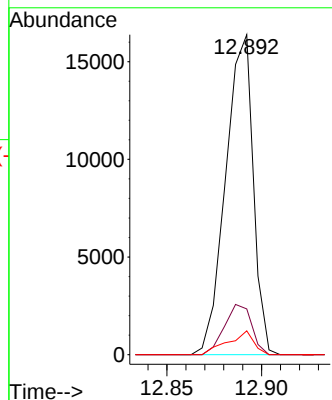
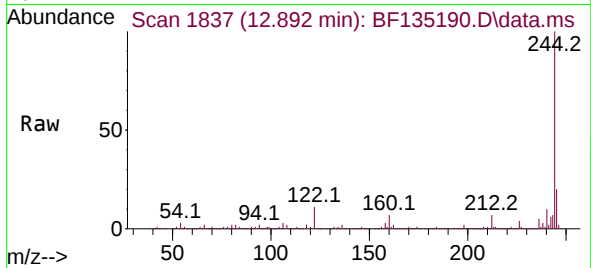




#77
Benzidine
Concen: 3.000 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

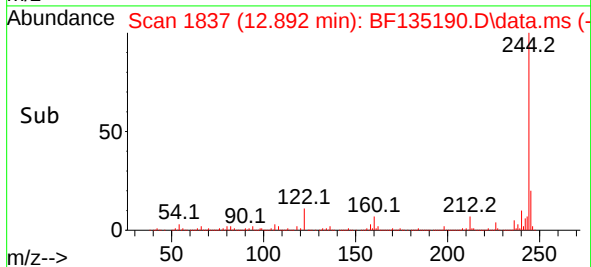
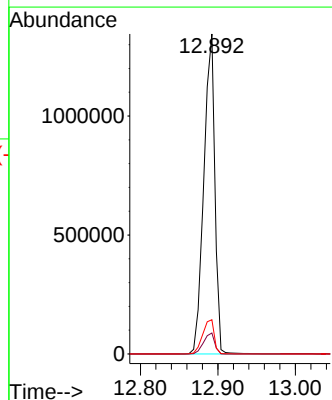
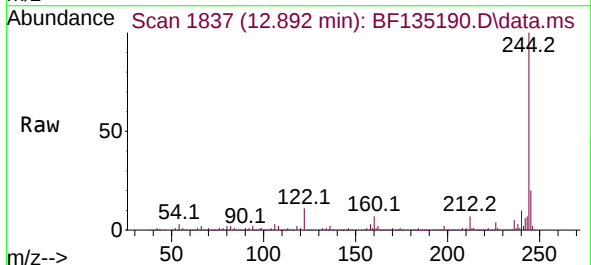
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-A

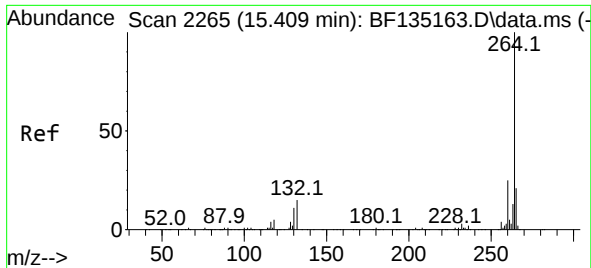
Tgt Ion:184 Resp: 16546
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 7.4 8.2 12.4#



#79
Terphenyl-d14
Concen: 76.593 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF135190.D
Acq: 12 Sep 2023 19:54

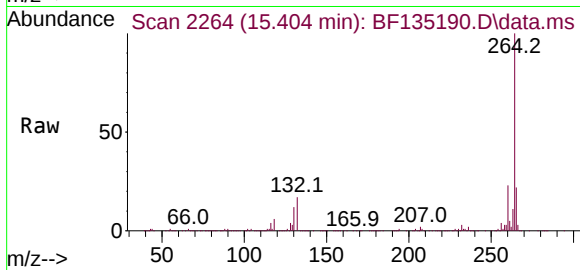
Tgt Ion:244 Resp: 1330156
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 10.7 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135190.D
 Acq: 12 Sep 2023 19:54

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-A



Tgt Ion:264 Resp: 210711
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.8 29.6
 265 21.6 17.0 25.4

