

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135485.D
 Acq On : 27 Sep 2023 21:39
 Operator : CG\JU
 Sample : 04598-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BLOCK

Quant Time: Sep 28 01:54:47 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)

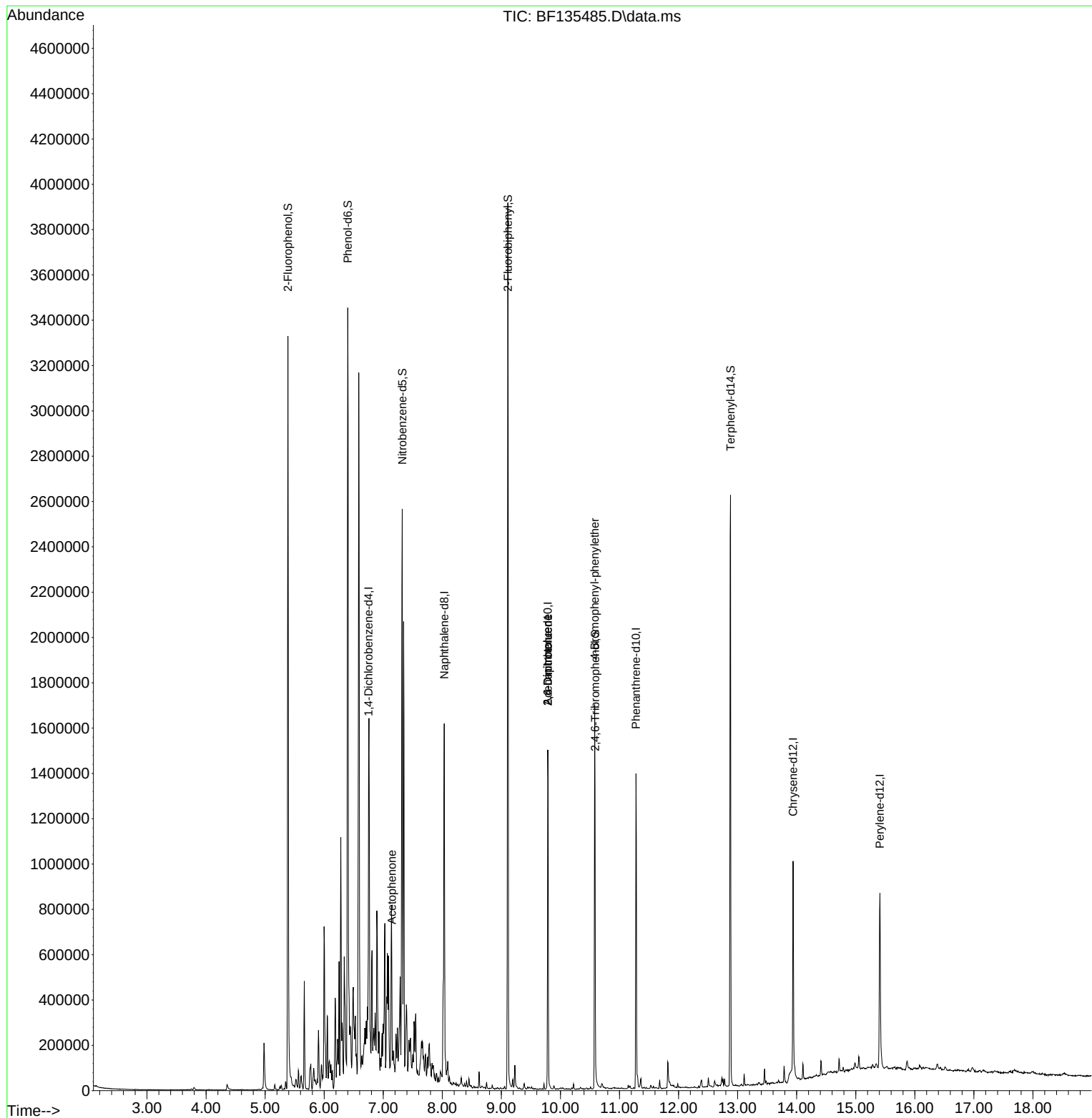
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	180906	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	679193	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	314166	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	519085	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	305593	20.000	ng	0.00
86) Perylene-d12	15.409	264	375675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	912747	82.061	ng	0.00
7) Phenol-d6	6.398	99	1205891	85.263	ng	0.00
23) Nitrobenzene-d5	7.322	82	753557	60.278	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	193069	61.840	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1254828	60.261	ng	0.00
79) Terphenyl-d14	12.880	244	954117	48.400	ng	0.00
Target Compounds						
						Qvalue
22) Acetophenone	7.145	105	50131	3.228	ng	# 47
51) 2,6-Dinitrotoluene	9.786	165	40703	8.747	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	40703	6.987	ng	# 19
67) 4-Bromophenyl-phenylether	10.580	248	12457	2.413	ng	# 1

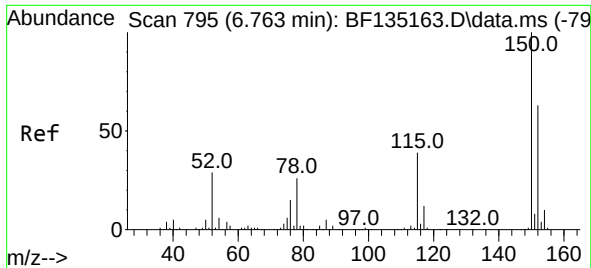
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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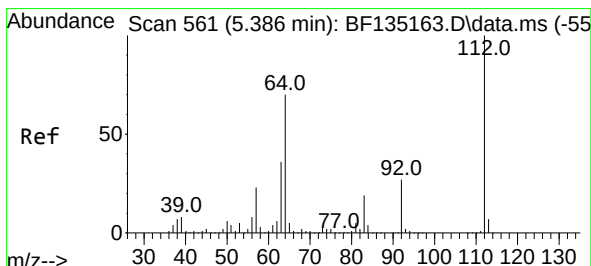
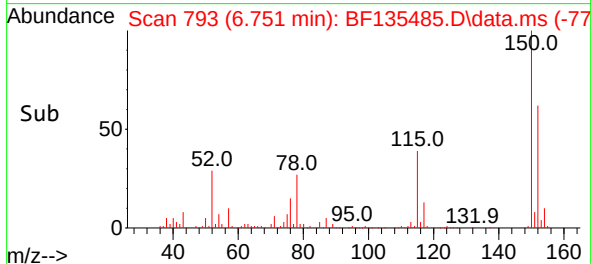
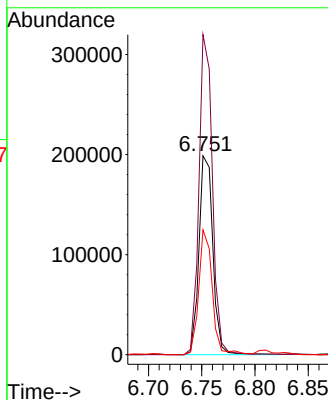
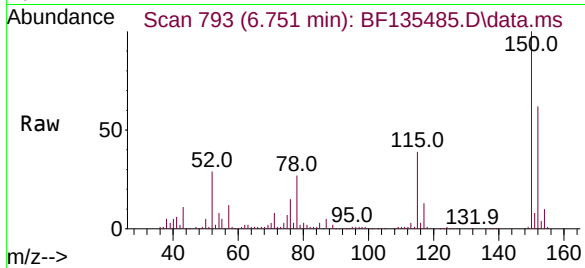




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135485.D
 Acq: 27 Sep 2023 21:39

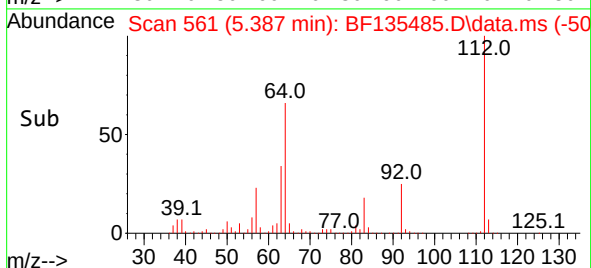
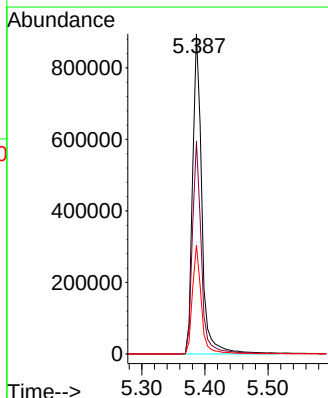
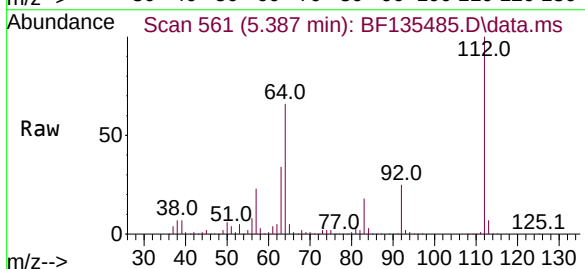
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BLOCK

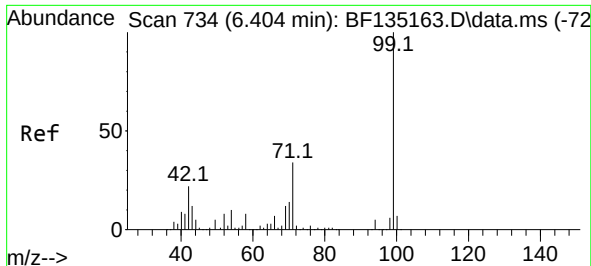
Tgt Ion:152 Resp: 180906
 Ion Ratio Lower Upper
 152 100
 150 160.9 127.8 191.6
 115 62.8 49.8 74.8



#5
 2-Fluorophenol
 Concen: 82.061 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF135485.D
 Acq: 27 Sep 2023 21:39

Tgt Ion:112 Resp: 912747
 Ion Ratio Lower Upper
 112 100
 64 66.4 55.9 83.9
 63 34.0 29.0 43.6

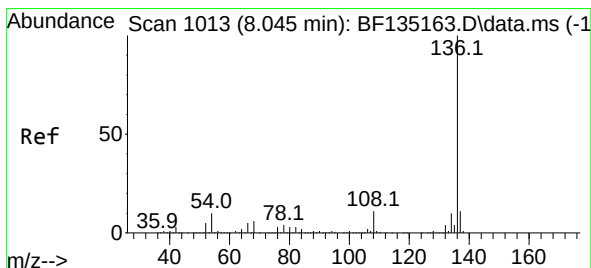
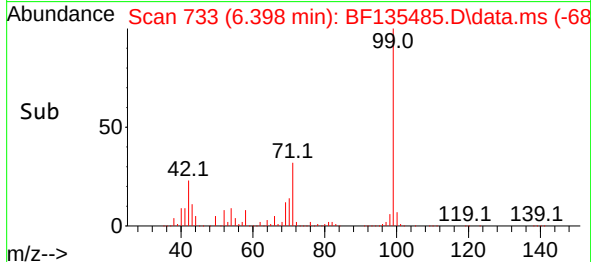
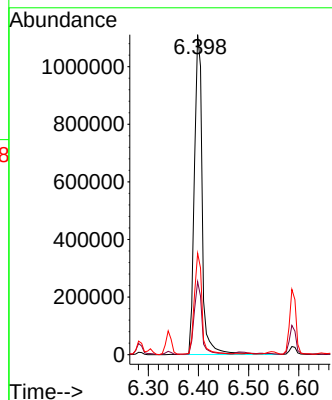
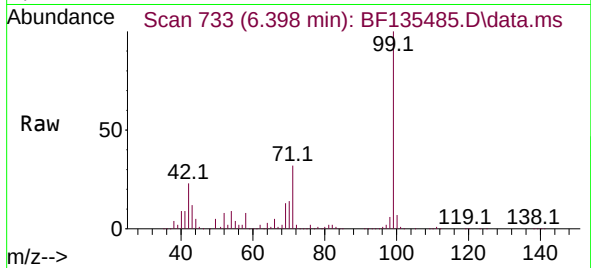




#7
Phenol-d6
Concen: 85.263 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135485.D
Acq: 27 Sep 2023 21:39

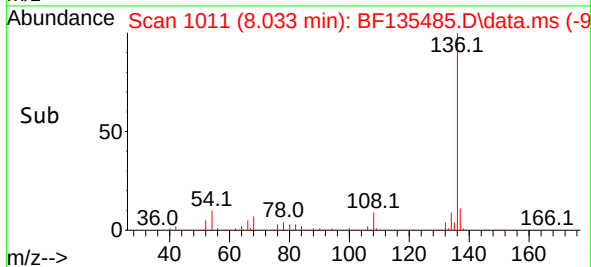
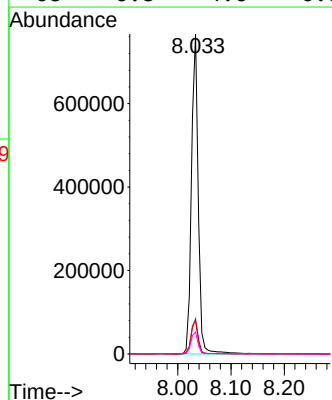
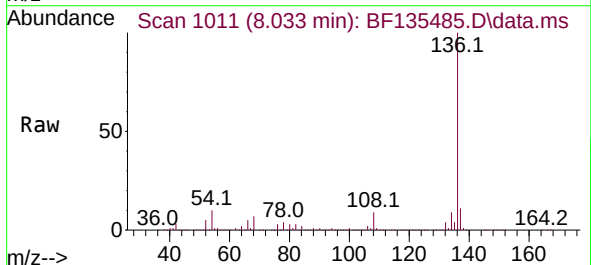
Instrument :
BNA_F
ClientSampleId :
CONCRETE-BLOCK

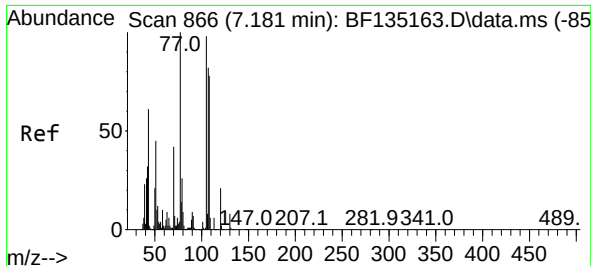
Tgt Ion: 99 Resp: 1205891
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 31.7 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135485.D
Acq: 27 Sep 2023 21:39

Tgt Ion: 136 Resp: 679193
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.4 7.7 11.5
68 6.8 4.6 6.8

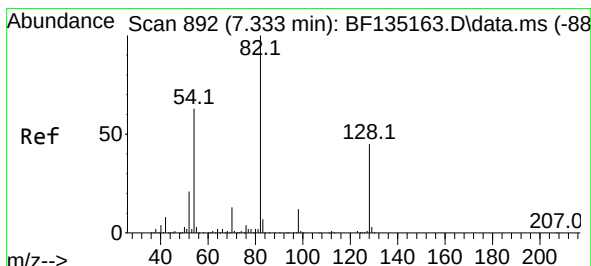
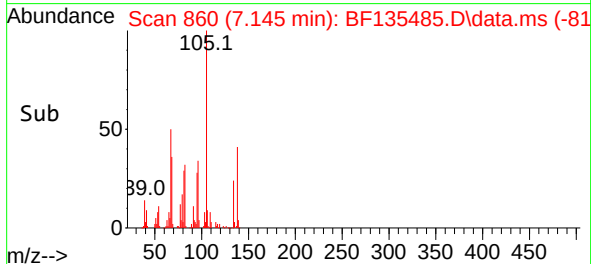
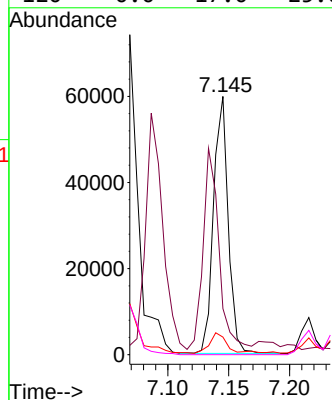
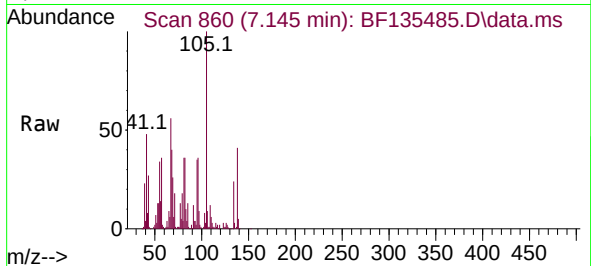




#22
Acetophenone
Concen: 3.228 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF135485.D
Acq: 27 Sep 2023 21:39

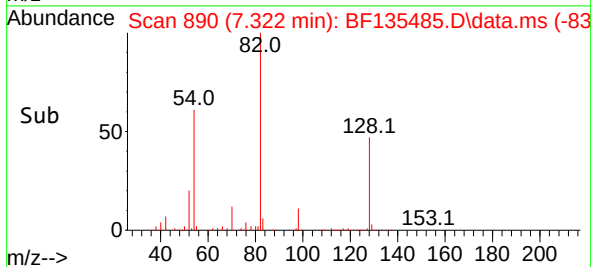
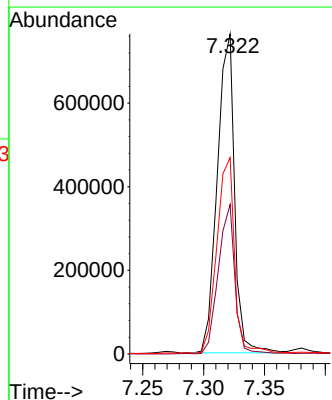
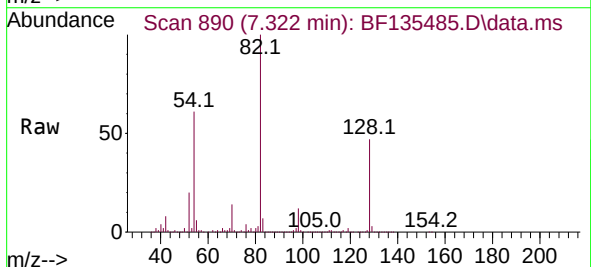
Instrument :
BNA_F
ClientSampleId :
CONCRETE-BLOCK

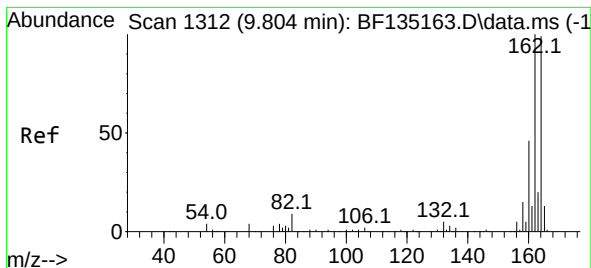
Tgt Ion:105 Resp: 50131
Ion Ratio Lower Upper
105 100
71 17.9 5.8 8.6#
51 6.8 37.0 55.4#
120 0.0 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 60.278 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF135485.D
Acq: 27 Sep 2023 21:39

Tgt Ion: 82 Resp: 753557
Ion Ratio Lower Upper
82 100
128 46.7 35.8 53.6
54 61.3 50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135485.D

Acq: 27 Sep 2023 21:39

Instrument :

BNA_F

ClientSampleId :

CONCRETE-BLOCK

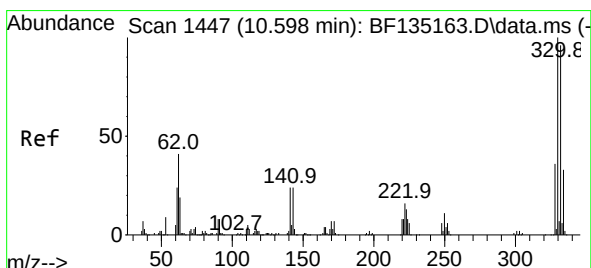
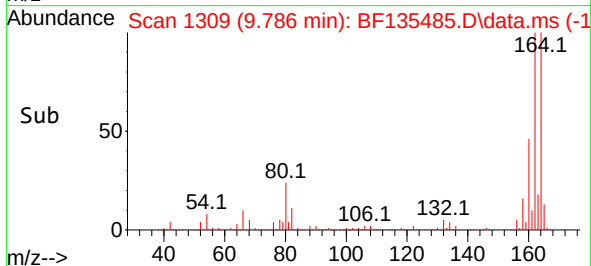
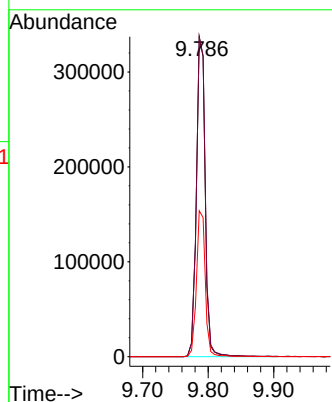
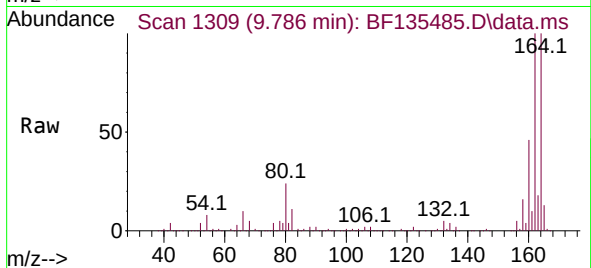
Tgt Ion:164 Resp: 314166

Ion Ratio Lower Upper

164 100

162 99.8 81.0 121.4

160 45.6 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 61.840 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF135485.D

Acq: 27 Sep 2023 21:39

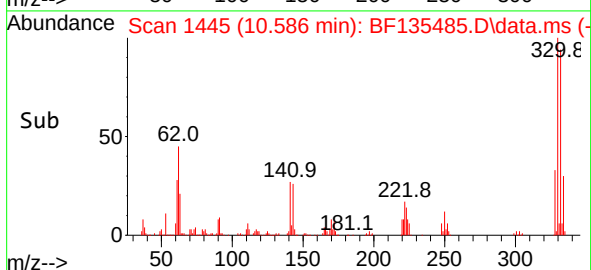
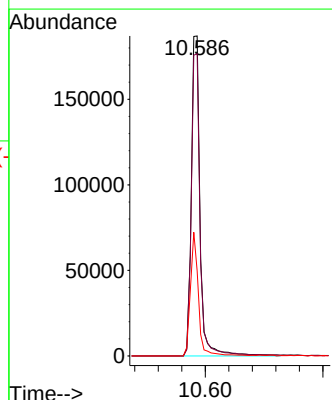
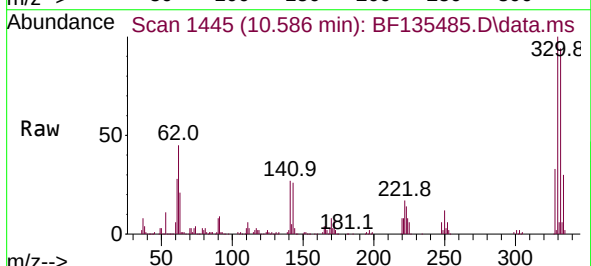
Tgt Ion:330 Resp: 193069

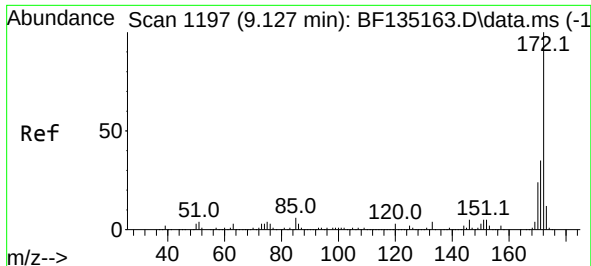
Ion Ratio Lower Upper

330 100

332 94.1 77.3 115.9

141 35.3 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 60.261 ng

RT: 9.110 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135485.D

Acq: 27 Sep 2023 21:39

Instrument :

BNA_F

ClientSampleId :

CONCRETE-BLOCK

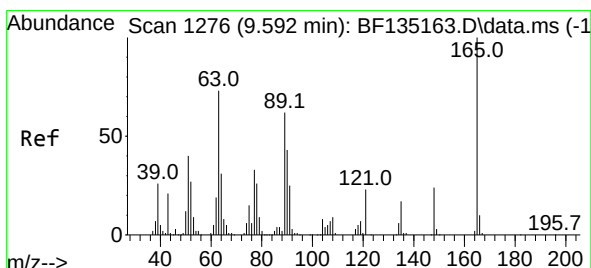
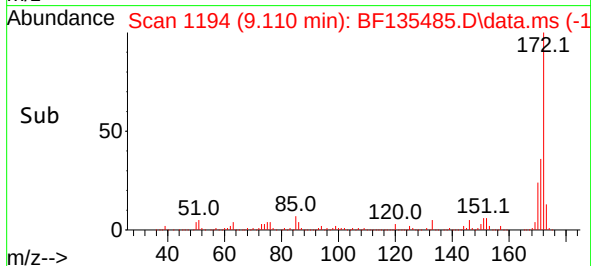
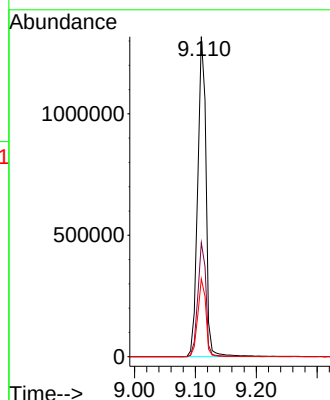
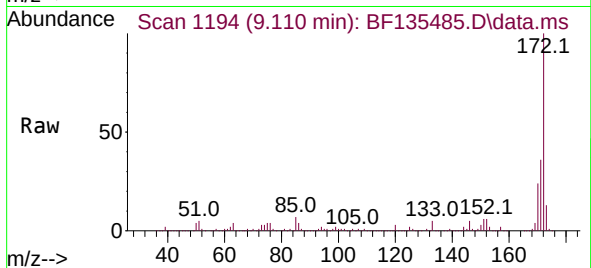
Tgt Ion:172 Resp: 1254828

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.3 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 8.747 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.200 min

Lab File: BF135485.D

Acq: 27 Sep 2023 21:39

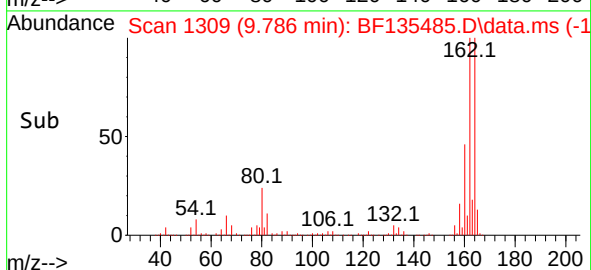
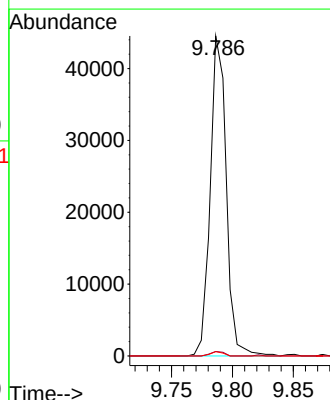
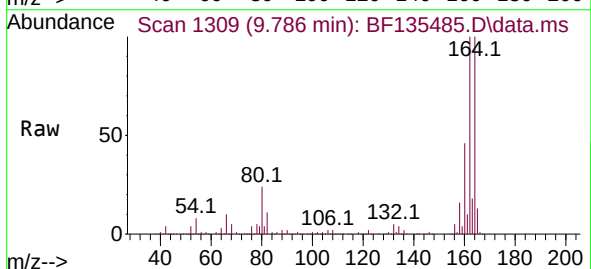
Tgt Ion:165 Resp: 40703

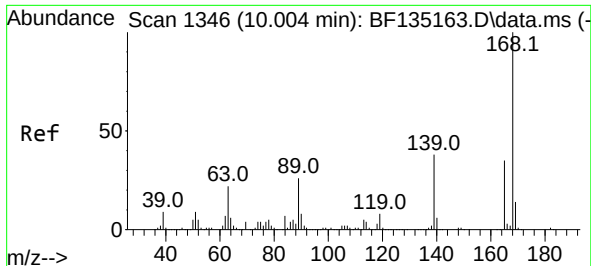
Ion Ratio Lower Upper

165 100

63 1.4 59.4 89.2#

89 1.3 49.8 74.8#

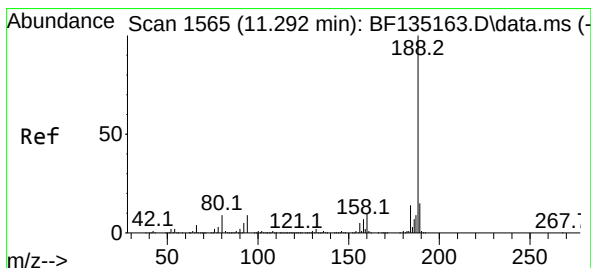
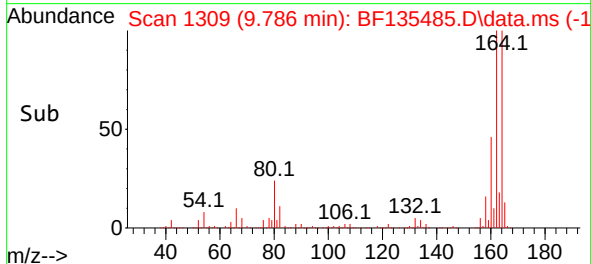
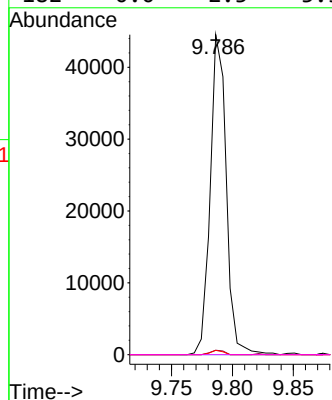
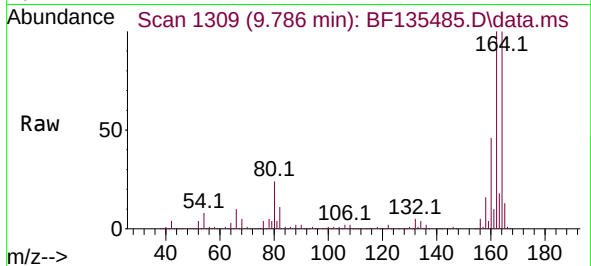




#57
2,4-Dinitrotoluene
Concen: 6.987 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135485.D
Acq: 27 Sep 2023 21:39

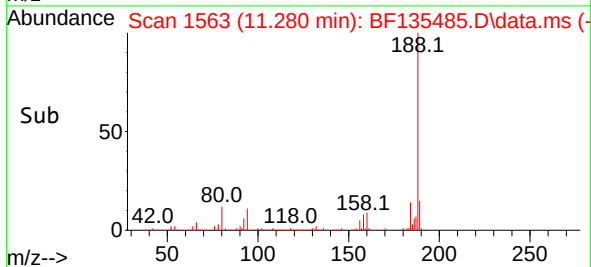
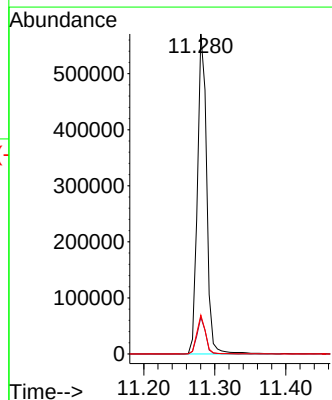
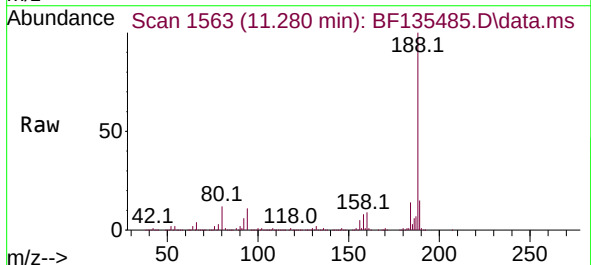
Instrument :
BNA_F
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CONCRETE-BLOCK

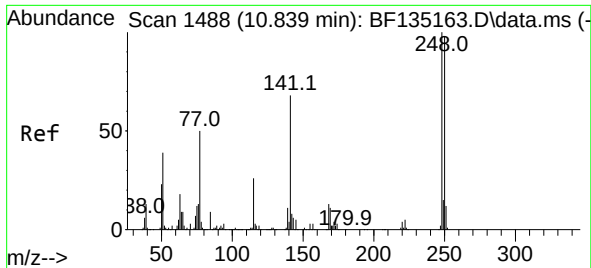
Tgt Ion:165 Resp: 40703
Ion Ratio Lower Upper
165 100
63 1.4 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF135485.D
Acq: 27 Sep 2023 21:39

Tgt Ion:188 Resp: 519085
Ion Ratio Lower Upper
188 100
94 11.5 7.0 10.6#
80 12.2 7.5 11.3#

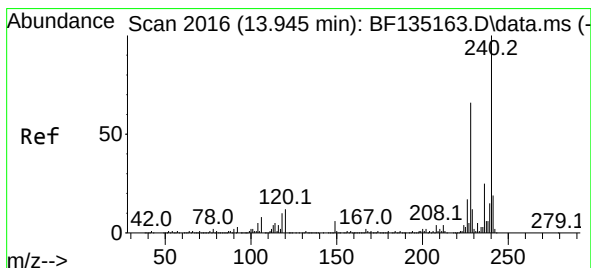
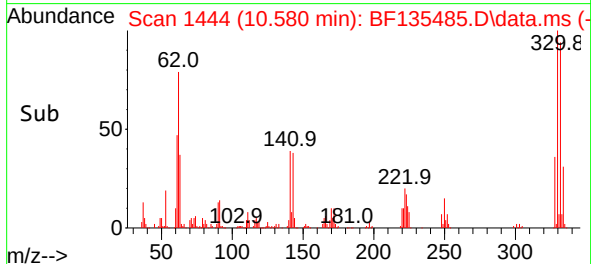
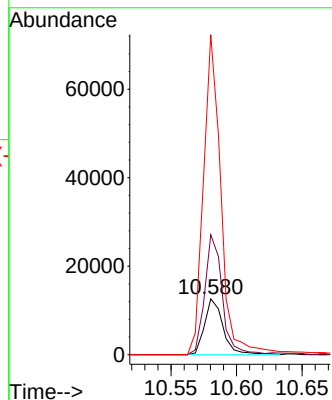
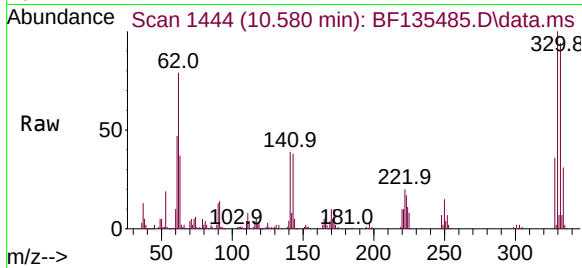




#67
4-Bromophenyl-phenylether
Concen: 2.413 ng
RT: 10.580 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135485.D
Acq: 27 Sep 2023 21:39

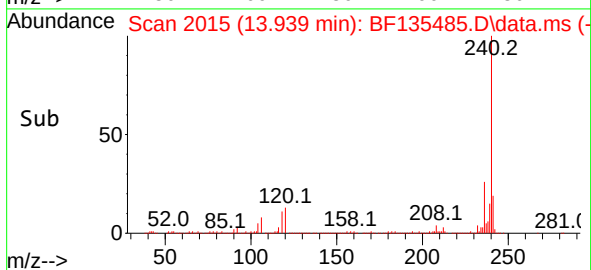
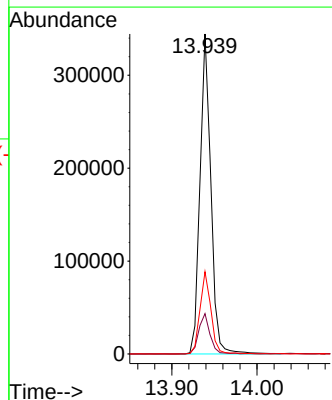
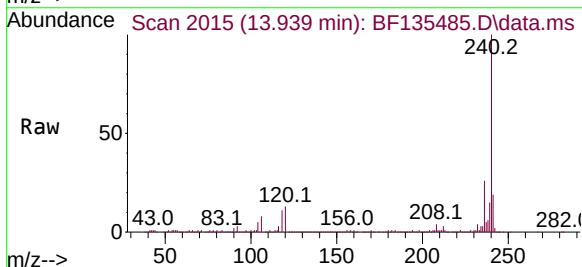
Instrument :
BNA_F
ClientSampleId :
CONCRETE-BLOCK

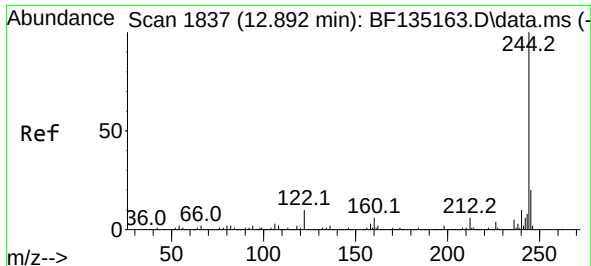
Tgt Ion:248 Resp: 12457
Ion Ratio Lower Upper
248 100
250 214.6 78.6 117.8#
141 572.1 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135485.D
Acq: 27 Sep 2023 21:39

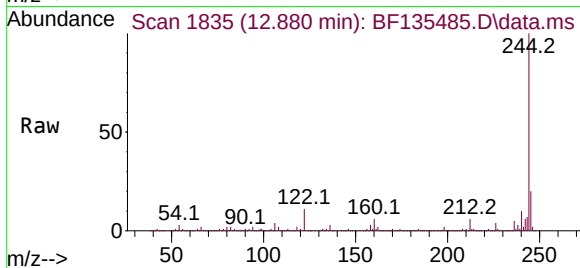
Tgt Ion:240 Resp: 305593
Ion Ratio Lower Upper
240 100
120 12.6 9.4 14.2
236 25.7 19.8 29.8



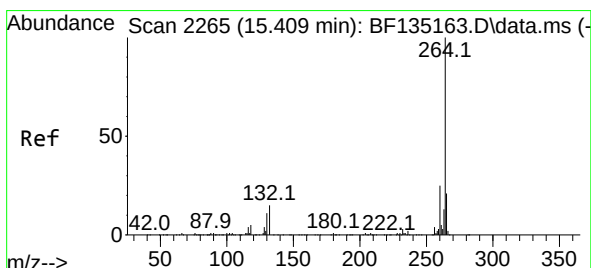
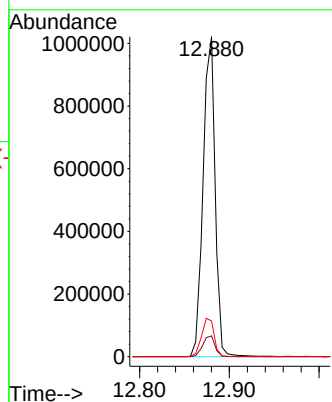
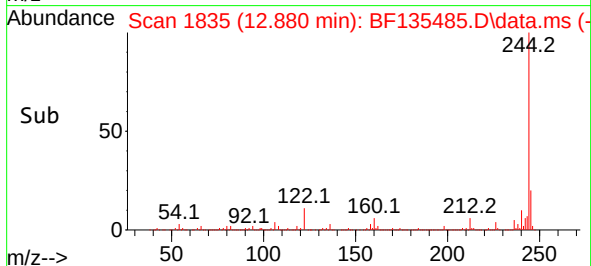


#79
 Terphenyl-d14
 Concen: 48.400 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135485.D
 Acq: 27 Sep 2023 21:39

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BLOCK



Tgt Ion:244 Resp: 954117
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.2 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135485.D
 Acq: 27 Sep 2023 21:39

Tgt Ion:264 Resp: 375675
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.8 29.6
 265 21.7 17.0 25.4

