

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136721.D
 Acq On : 26 Dec 2023 16:07
 Operator : CG\JU
 Sample : 05929-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PAD-5

Quant Time: Dec 26 16:35:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

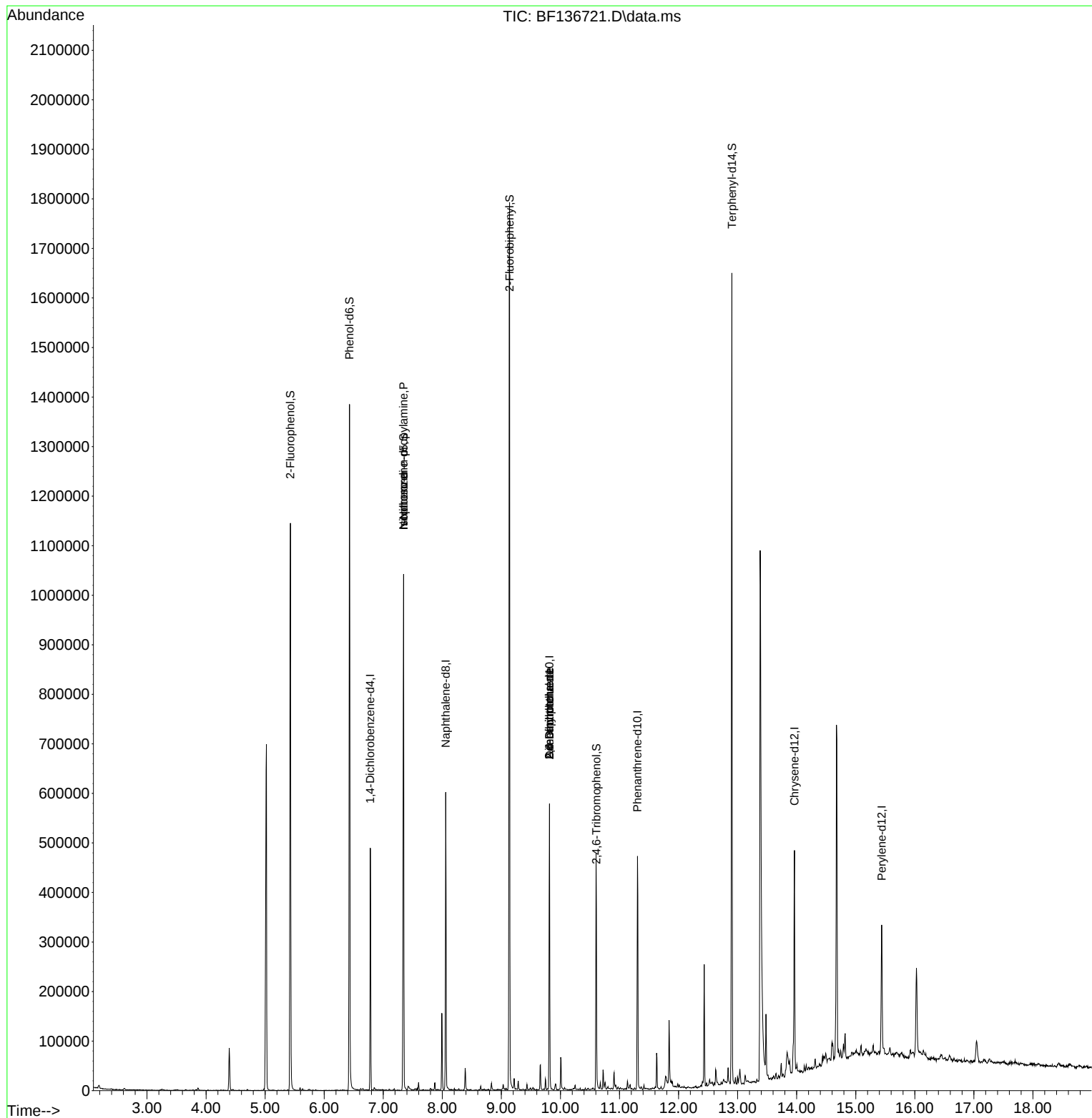
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	67478	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	235919	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	106211	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	173461	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	143805	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	119954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	285871	66.102	ng	0.00
7) Phenol-d6	6.428	99	445223	79.450	ng	-0.01
23) Nitrobenzene-d5	7.345	82	310458	67.339	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	57980	46.352	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	585746	74.175	ng	-0.01
79) Terphenyl-d14	12.904	244	532144	51.713	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	40484	11.918	ng	# 73
25) Isophorone	7.345	82	310455	37.007	ng	# 65
50) Dimethylphthalate	9.816	163	21600	2.784	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	13779	7.826	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	13779	6.028	ng	# 20

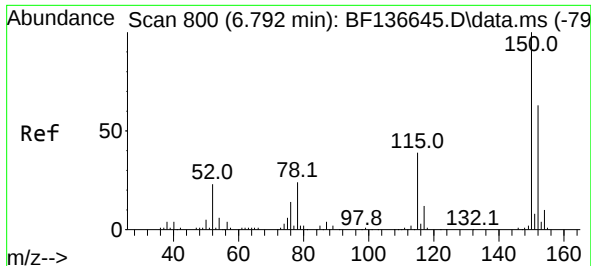
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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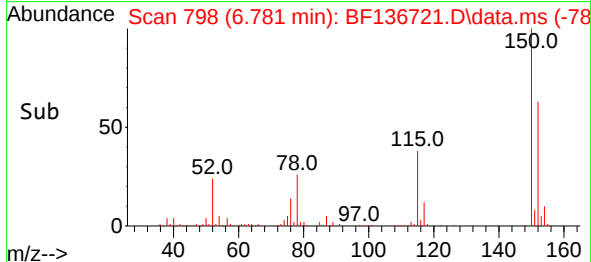
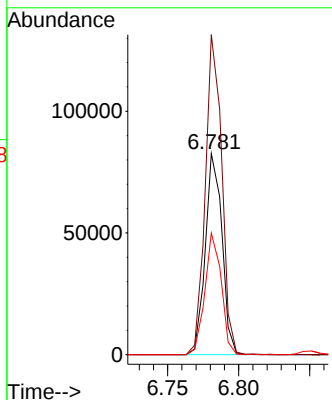
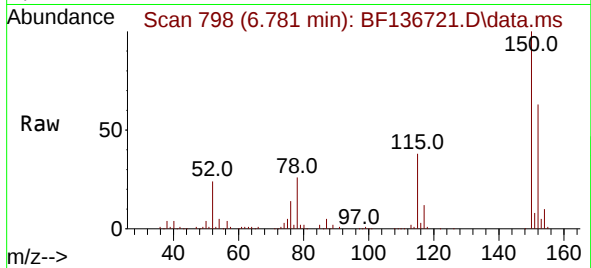




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

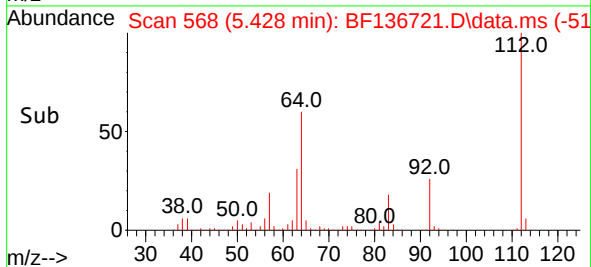
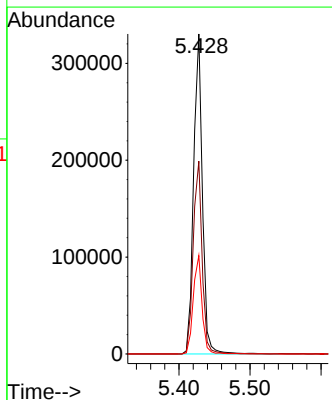
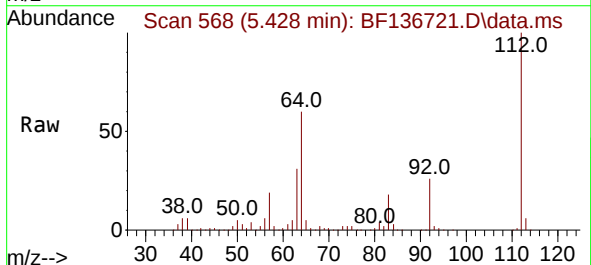
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-5

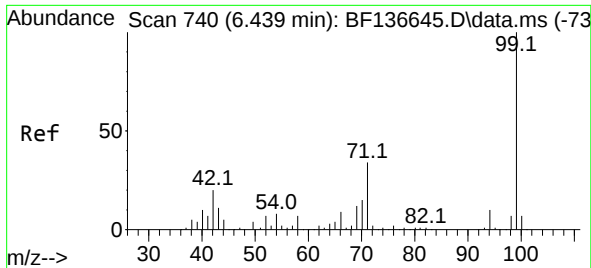
Tgt Ion:152 Resp: 67478
Ion Ratio Lower Upper
152 100
150 159.2 127.0 190.6
115 60.5 49.0 73.4



#5
2-Fluorophenol
Concen: 66.102 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

Tgt Ion:112 Resp: 285871
Ion Ratio Lower Upper
112 100
64 60.3 51.1 76.7
63 30.8 26.1 39.1

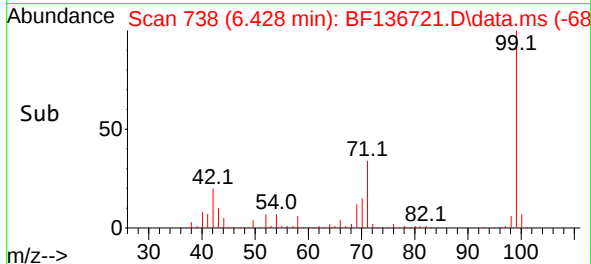
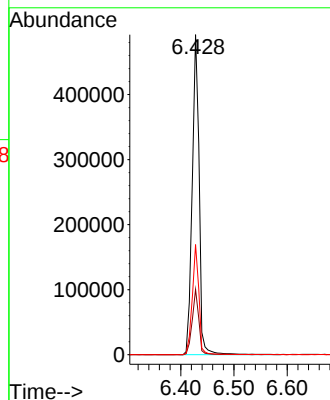
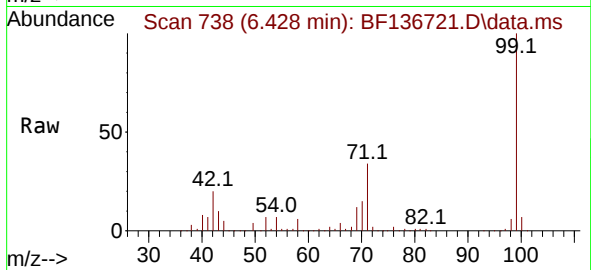




#7
Phenol-d6
Concen: 79.450 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

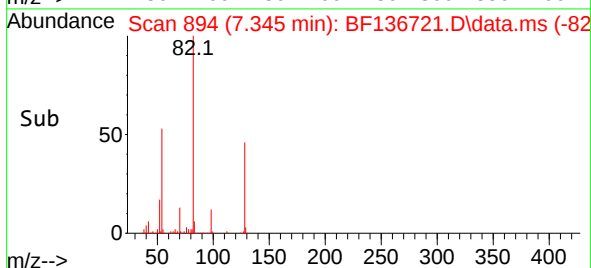
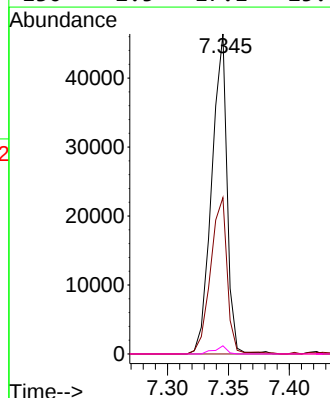
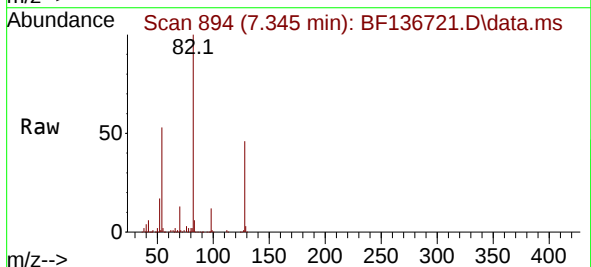
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-5

Tgt Ion: 99 Resp: 445223
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 34.4 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.918 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

Tgt Ion: 70 Resp: 40484
Ion Ratio Lower Upper
70 100
42 48.9 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136721.D

Acq: 26 Dec 2023 16:07

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PAD-5

Tgt Ion:136 Resp: 235919

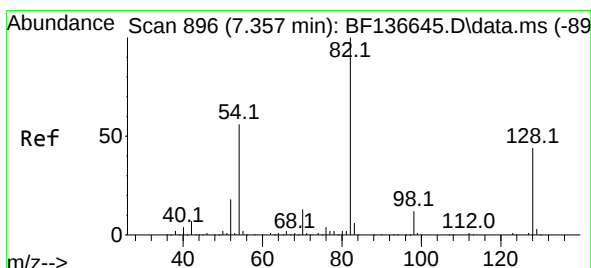
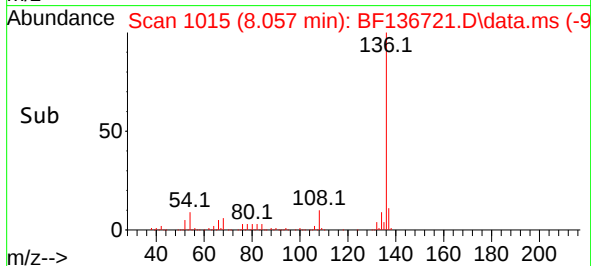
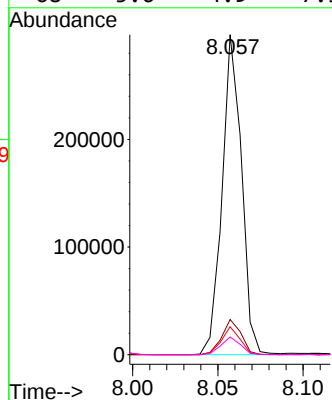
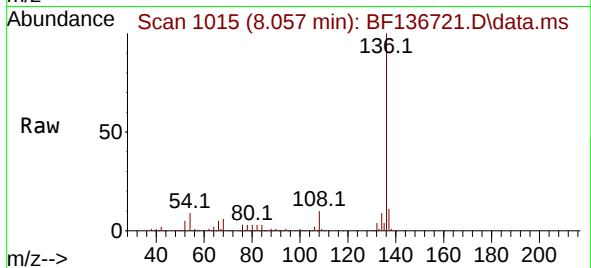
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.7 7.2 10.8

68 5.6 4.9 7.3



#23

Nitrobenzene-d5

Concen: 67.339 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136721.D

Acq: 26 Dec 2023 16:07

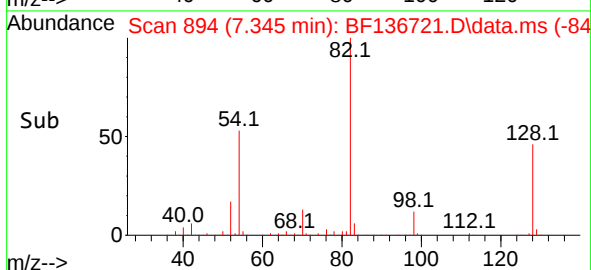
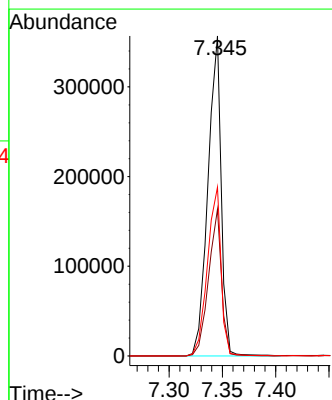
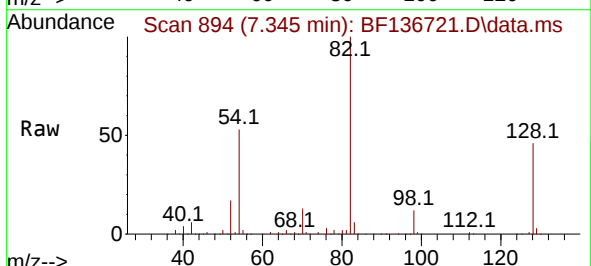
Tgt Ion: 82 Resp: 310458

Ion Ratio Lower Upper

82 100

128 45.8 35.3 52.9

54 52.8 44.5 66.7

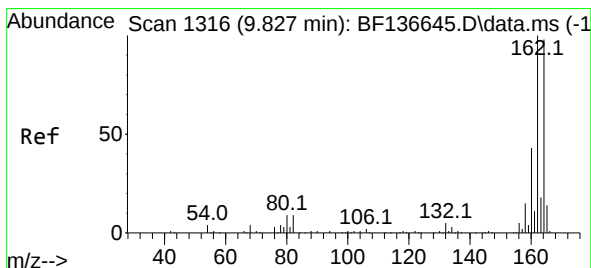
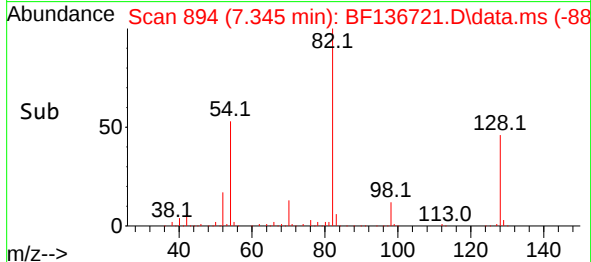
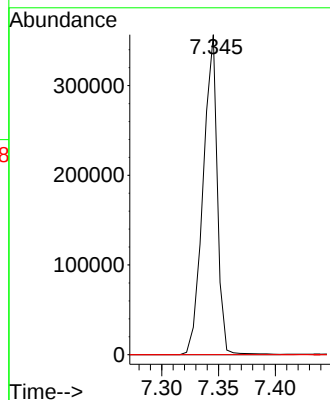
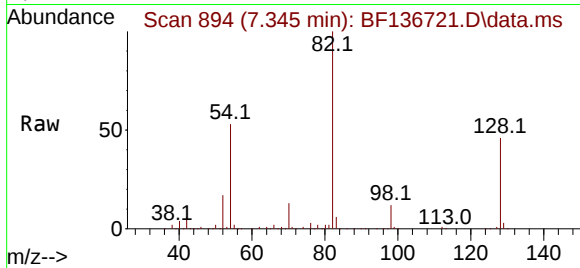




#25
Isophorone
Concen: 37.007 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

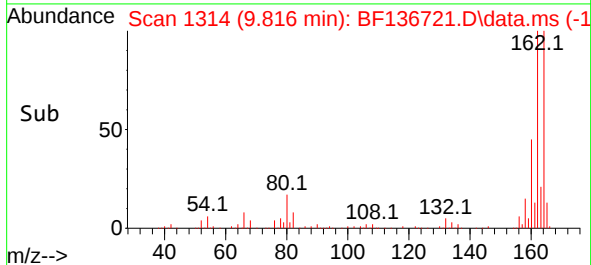
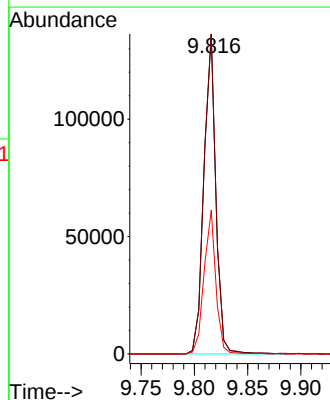
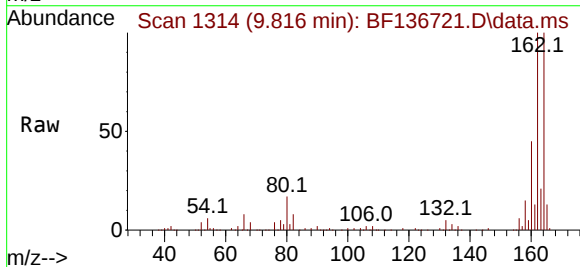
Instrument :
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CONCRETE-PAD-5

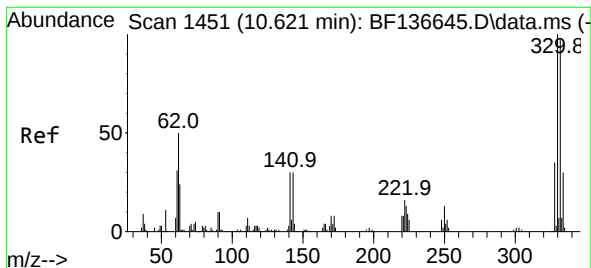
Tgt Ion: 82 Resp: 310455
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

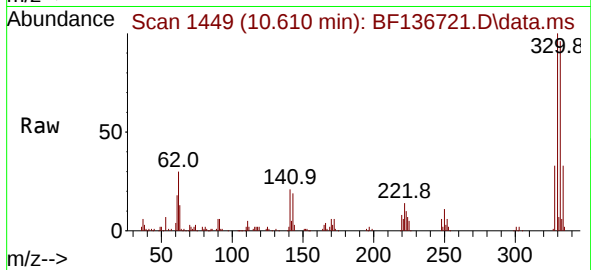
Tgt Ion:164 Resp: 106211
Ion Ratio Lower Upper
164 100
162 100.1 81.6 122.4
160 45.0 34.9 52.3



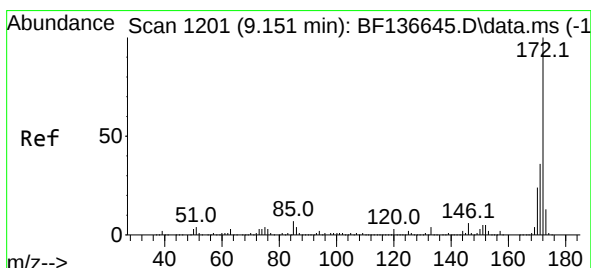
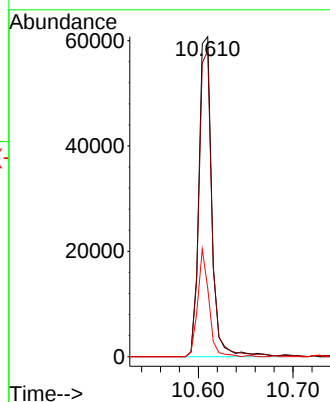
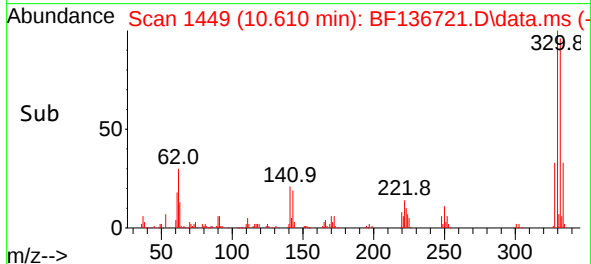


#42
2,4,6-Tribromophenol
Concen: 46.352 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

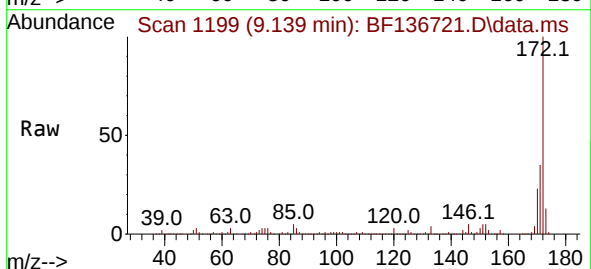
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-5



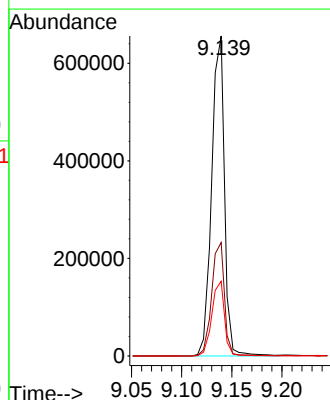
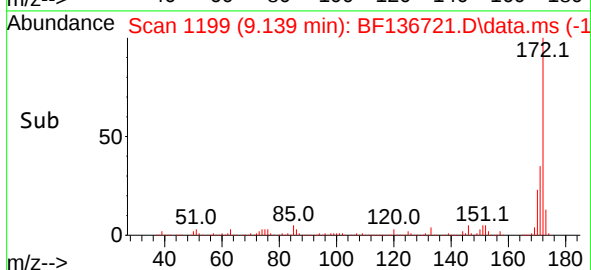
Tgt Ion:330 Resp: 57980
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 28.7 23.4 35.2

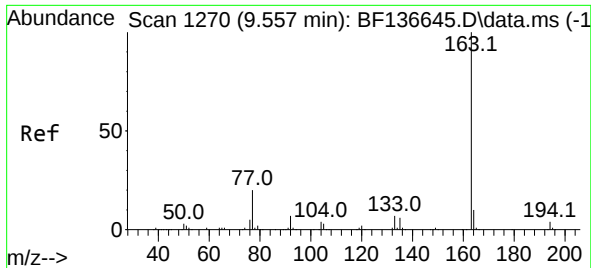


#45
2-Fluorobiphenyl
Concen: 74.175 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07



Tgt Ion:172 Resp: 585746
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.4 19.0 28.4

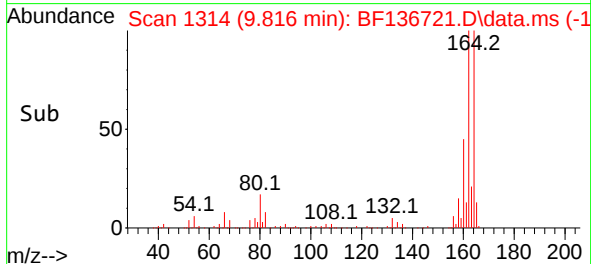
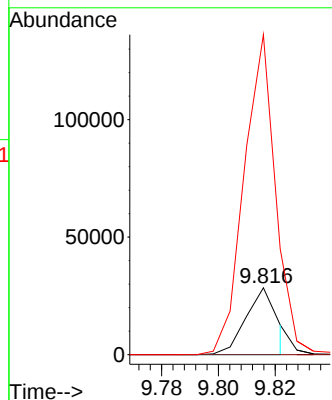
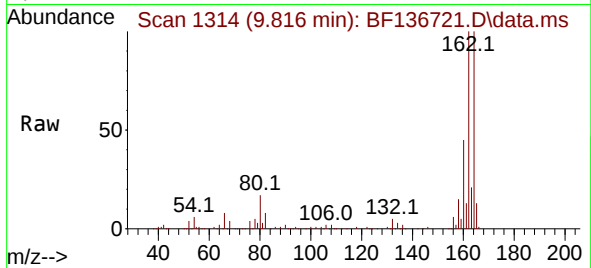




#50
Dimethylphthalate
Concen: 2.784 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

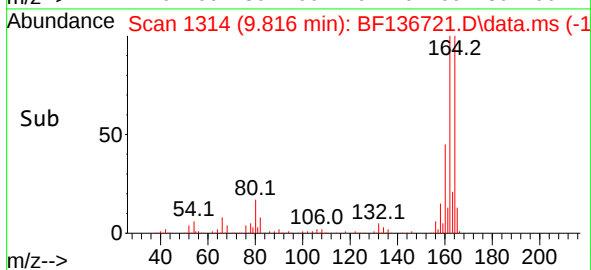
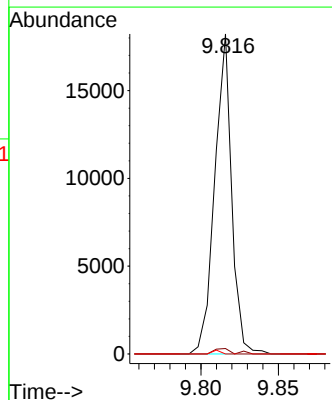
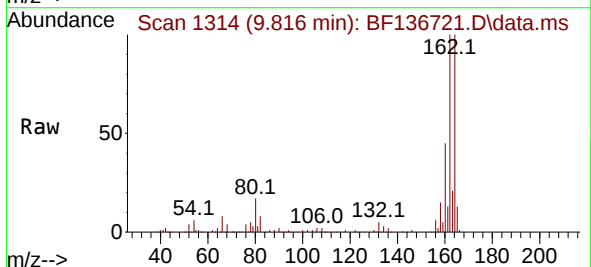
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CONCRETE-PAD-5

Tgt Ion:163 Resp: 21600
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 478.2 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.826 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

Tgt Ion:165 Resp: 13779
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 0.0 38.8 58.2#

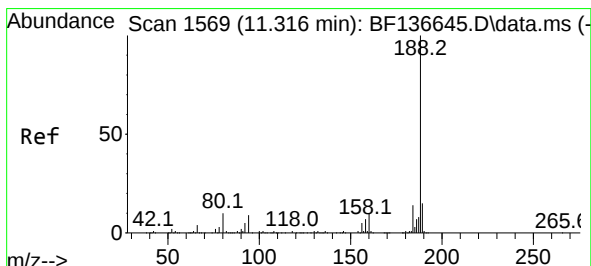
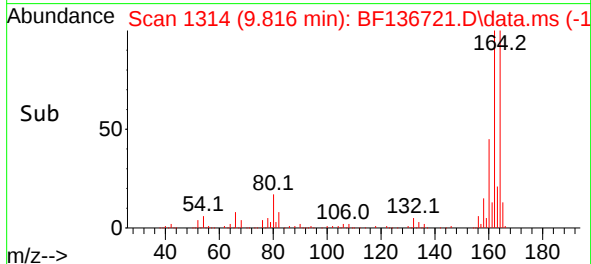
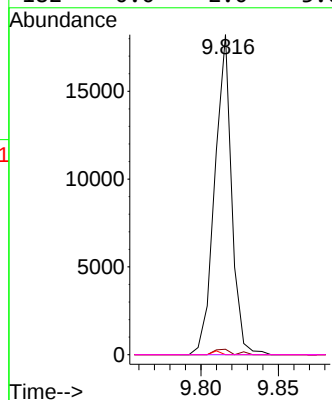
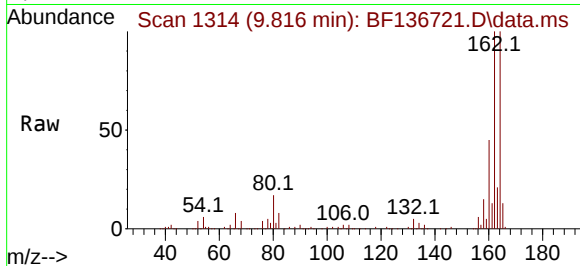




#57
2,4-Dinitrotoluene
Concen: 6.028 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

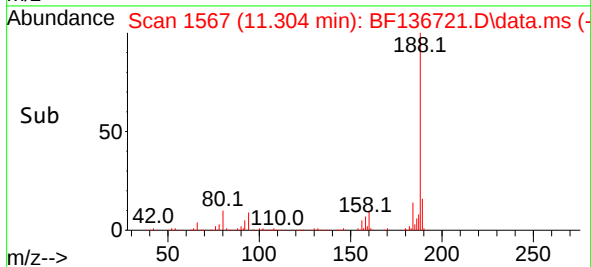
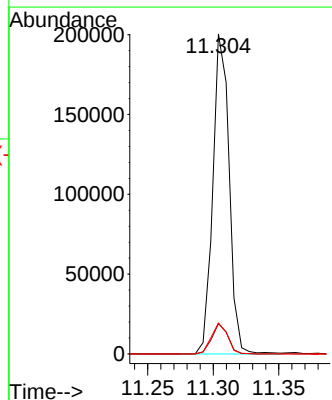
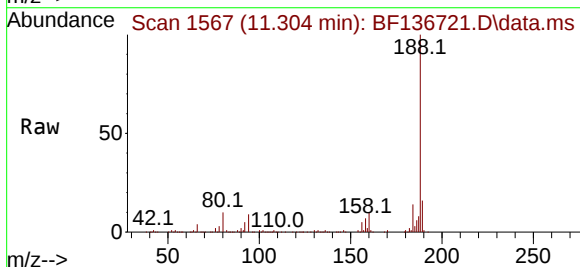
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ClientSampleId :
CONCRETE-PAD-5

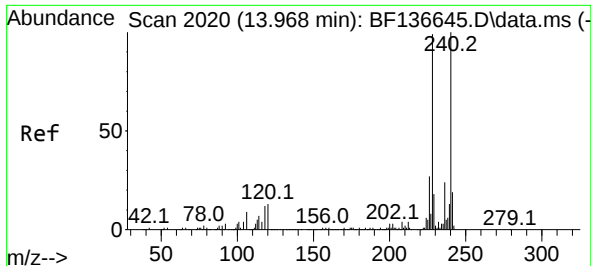
Tgt Ion:165 Resp: 13779
Ion Ratio Lower Upper
165 100
63 1.7 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

Tgt Ion:188 Resp: 173461
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.7 8.1 12.1

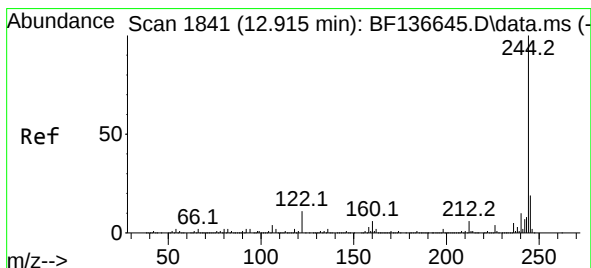
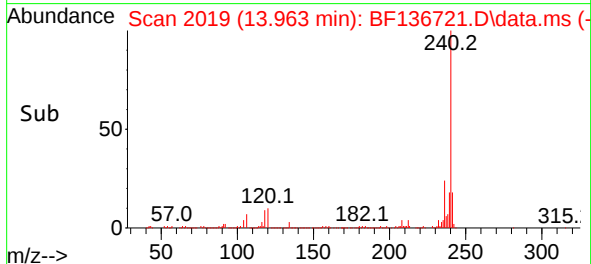
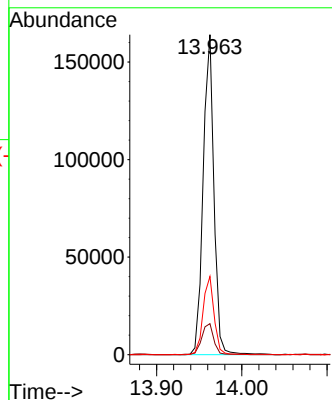
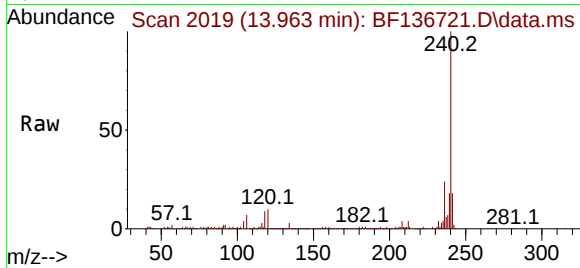




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

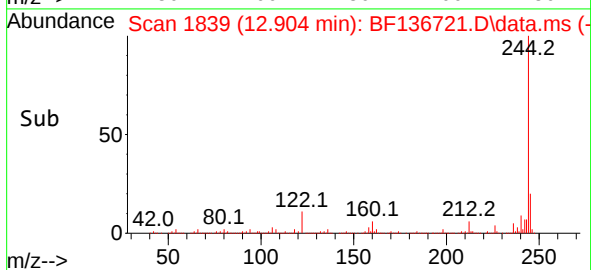
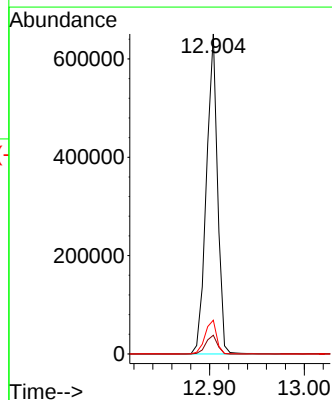
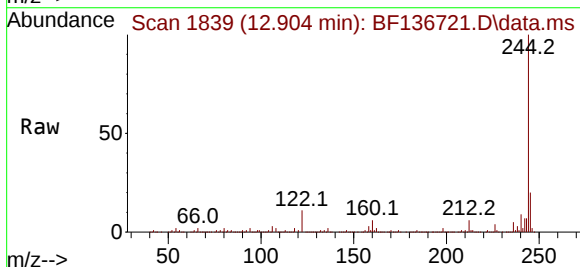
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-5

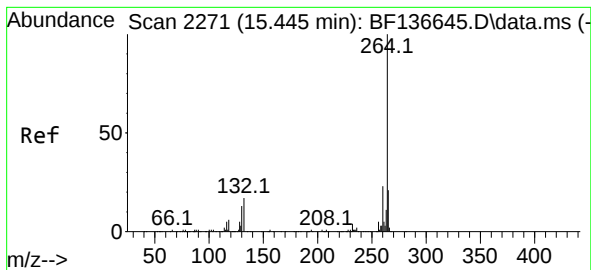
Tgt Ion:240 Resp: 143805
Ion Ratio Lower Upper
240 100
120 9.7 10.3 15.5#
236 24.5 19.4 29.2



#79
Terphenyl-d14
Concen: 51.713 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

Tgt Ion:244 Resp: 532144
Ion Ratio Lower Upper
244 100
212 5.9 5.0 7.4
122 10.5 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-5

Tgt Ion:264 Resp: 119954

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	22.1	17.0	25.6

