

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 17:01:32 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

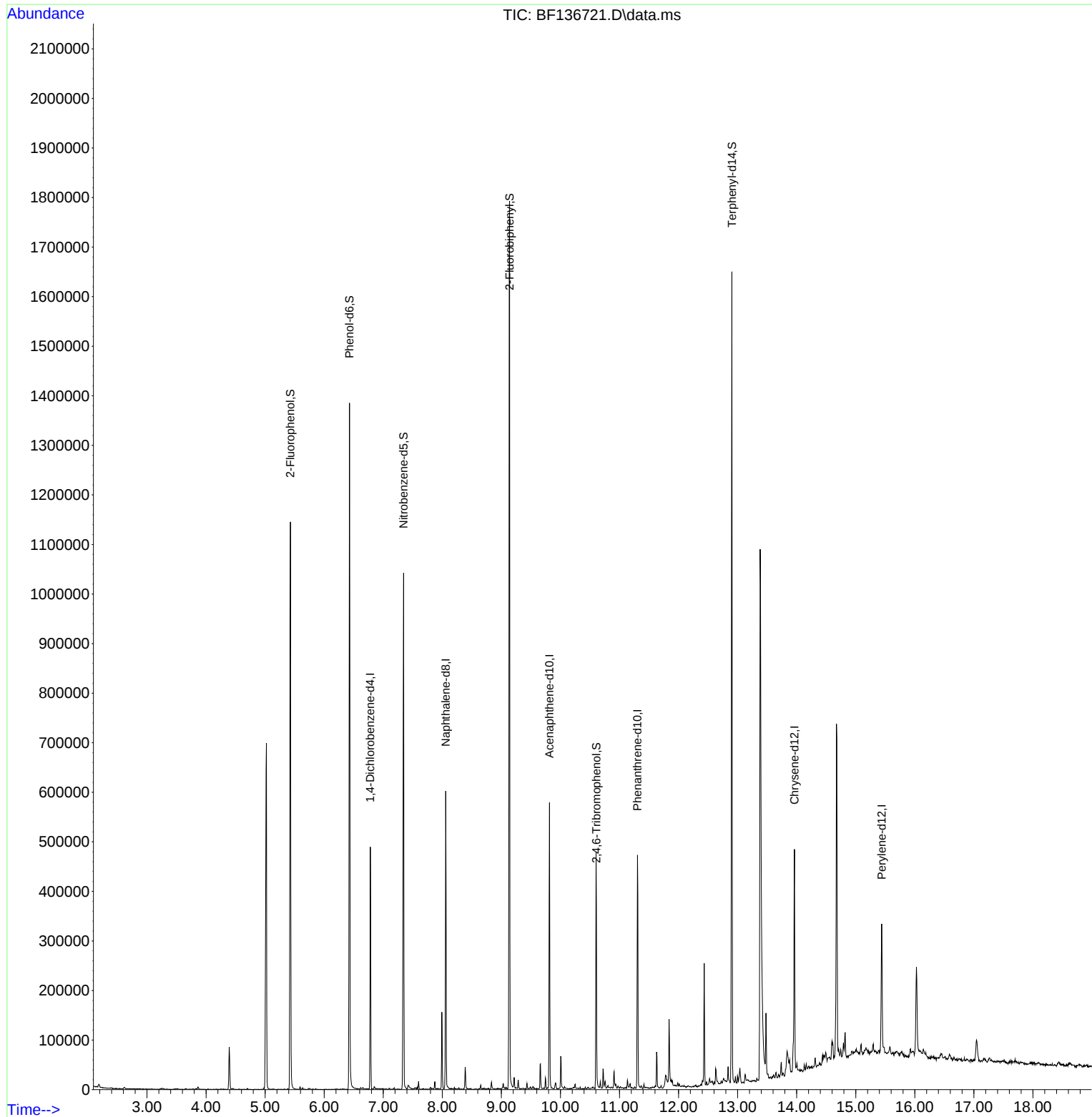
Target Compounds	Qvalue

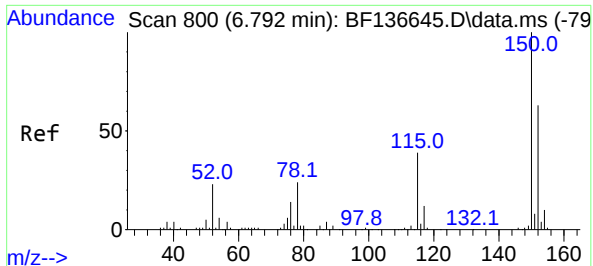
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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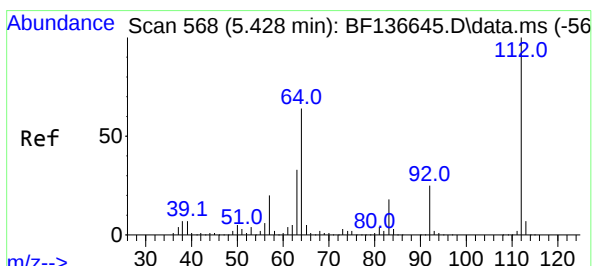
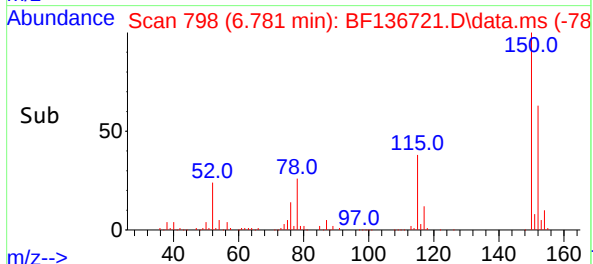
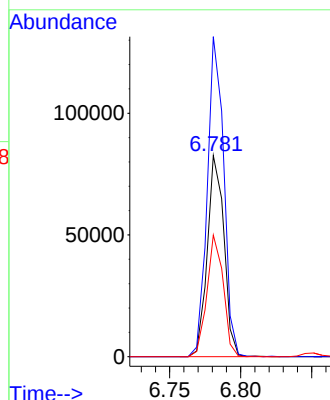
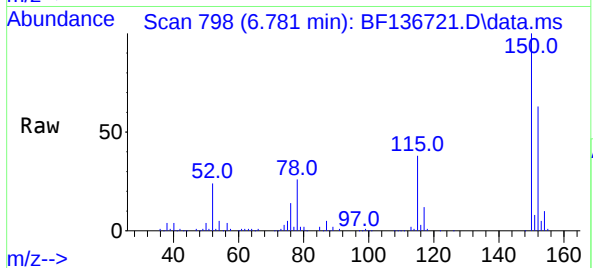




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

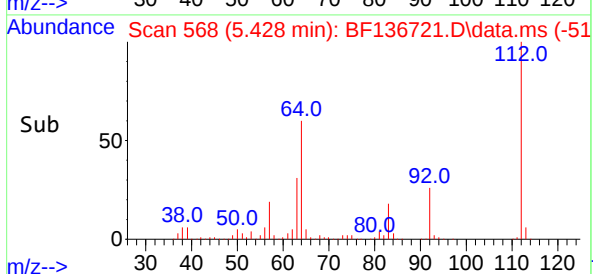
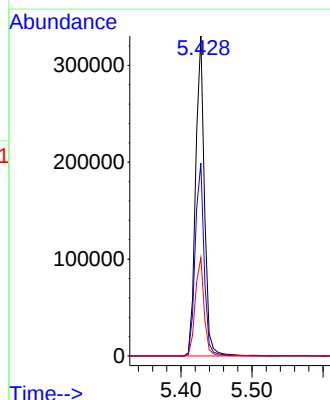
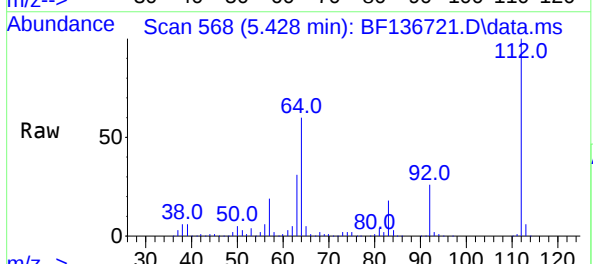
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-5

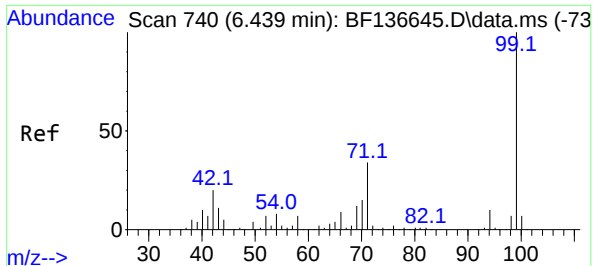
Tgt Ion:152 Resp: 67478
Ion Ratio Lower Upper
152 100
150 159.2 127.0 190.6
115 60.5 49.0 73.4



#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

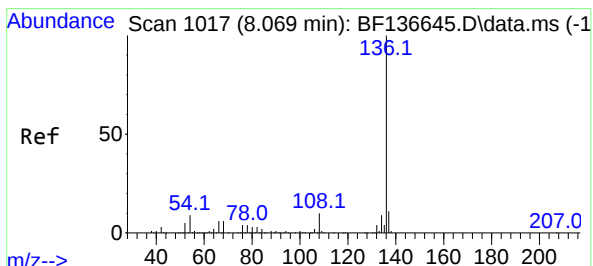
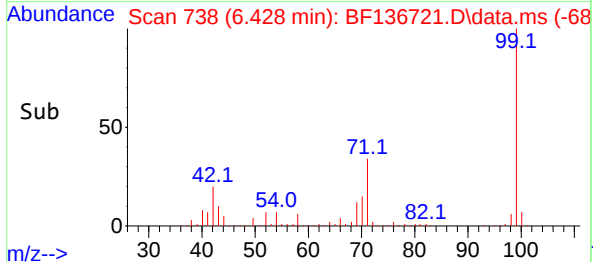
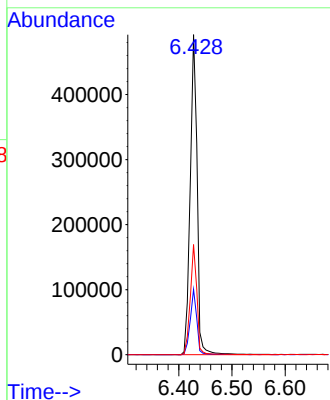
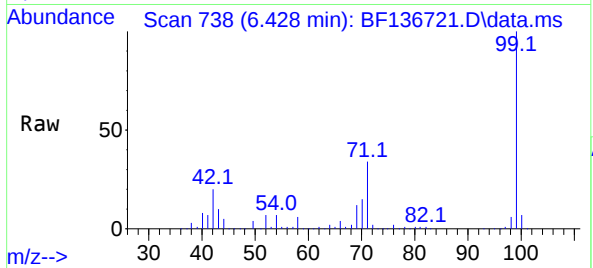




#7
Phenol-d6
Concen: 79.450 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

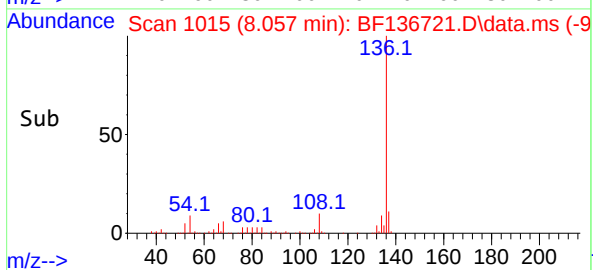
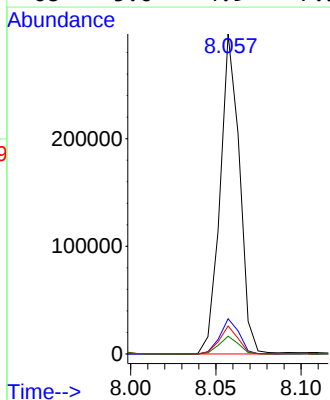
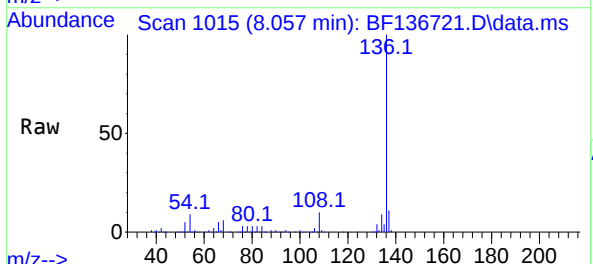
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-5

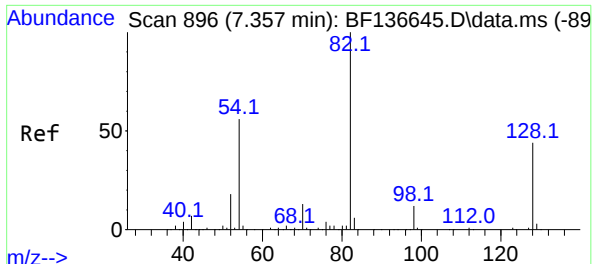
Tgt Ion: 99 Resp: 445223
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 34.4 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

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# 89

Delta R.T. -0.012 min

Lab File: BF136721.D

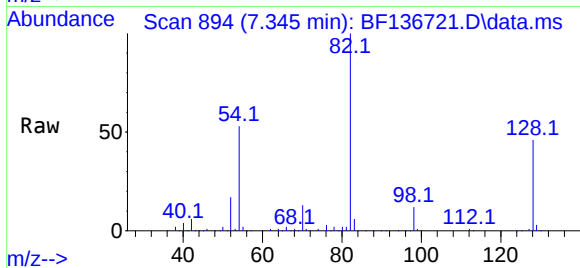
Acq: 26 Dec 2023 16:07

Instrument :

BNA_F

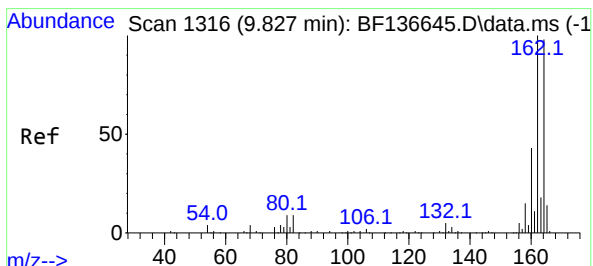
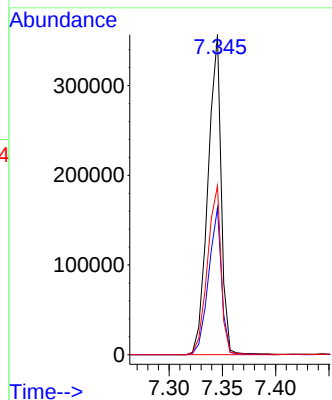
ClientSampleId :

CONCRETE-PAD-5



Tgt Ion: 82 Resp: 310458

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.3	52.9
54	52.8	44.5	66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

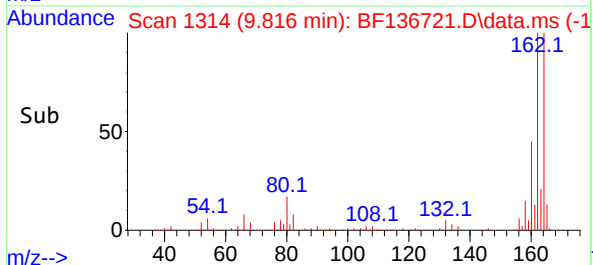
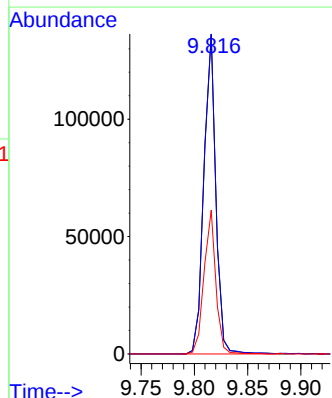
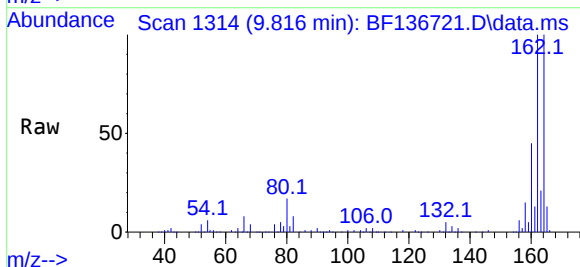
Delta R.T. -0.012 min

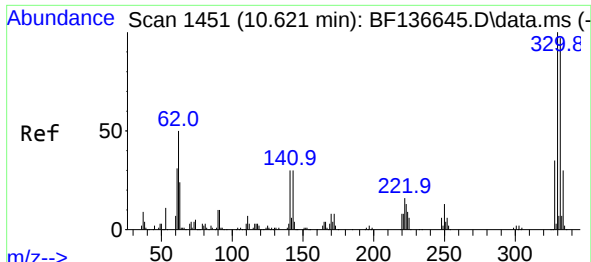
Lab File: BF136721.D

Acq: 26 Dec 2023 16:07

Tgt Ion:164 Resp: 106211

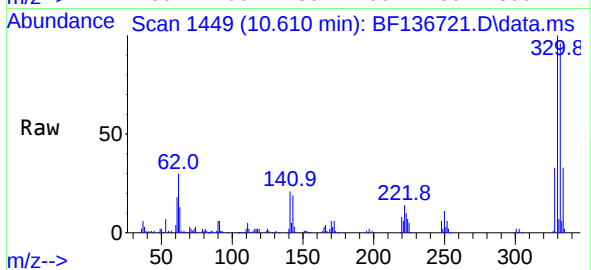
Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.6	122.4
160	45.0	34.9	52.3



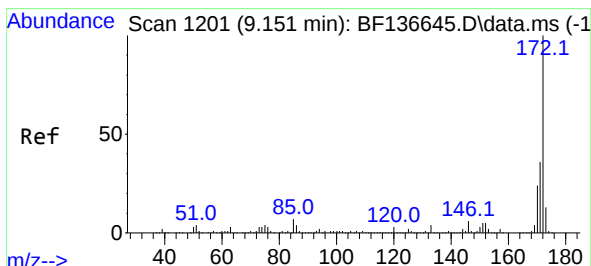
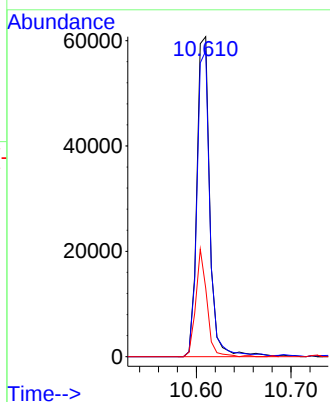
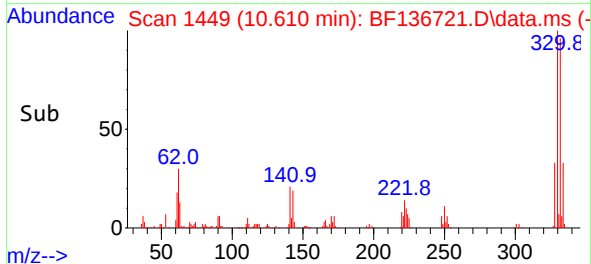


#42
2,4,6-Tribromophenol
Concen: 46.352 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

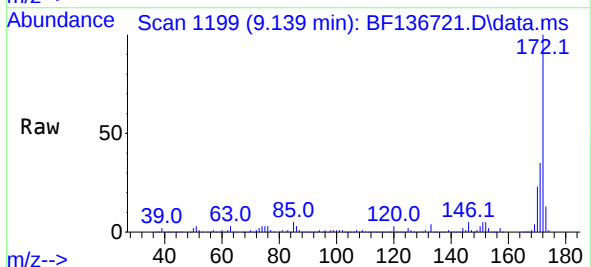
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-5



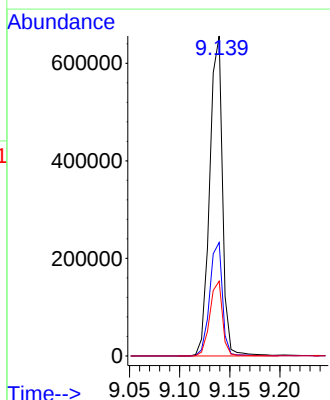
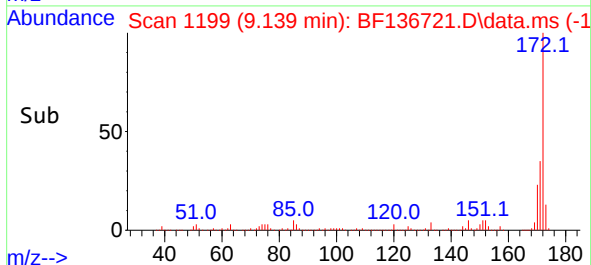
Tgt Ion:330 Resp: 57980
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 28.7 23.4 35.2

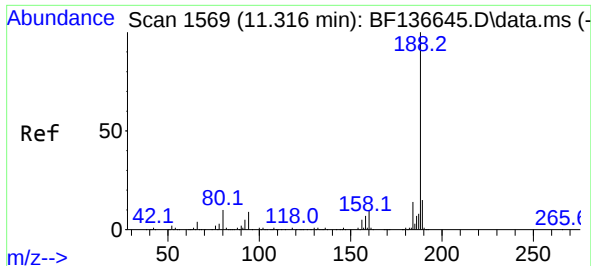


#45
2-Fluorobiphenyl
Concen: 74.175 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07



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

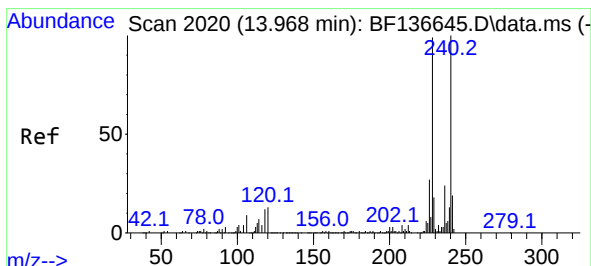
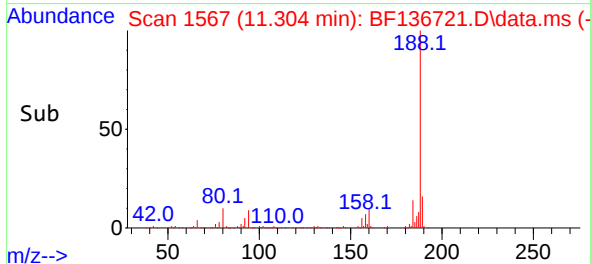
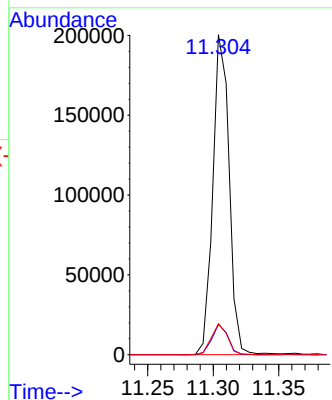
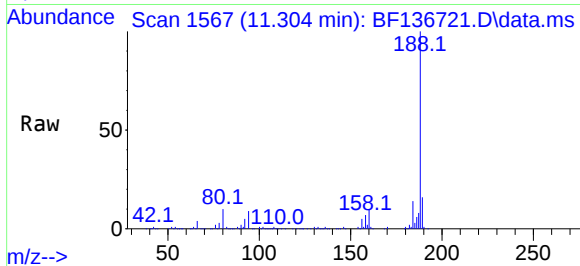




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

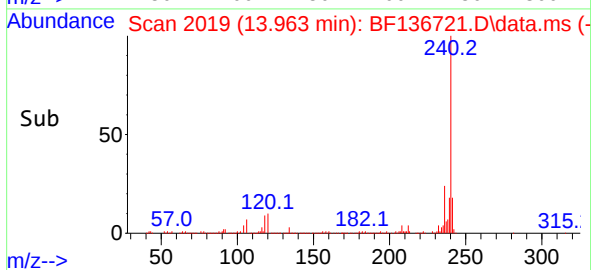
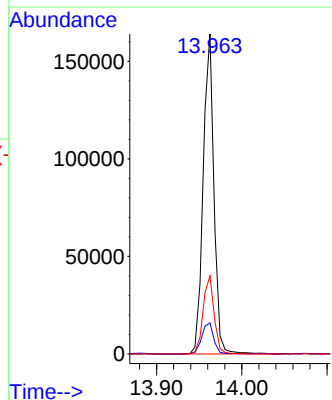
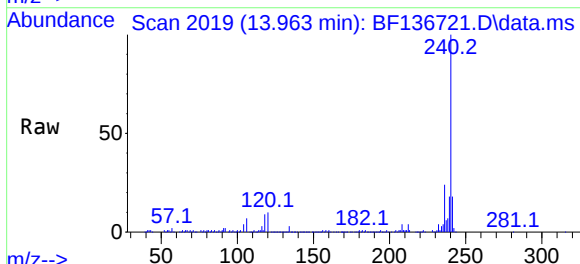
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-5

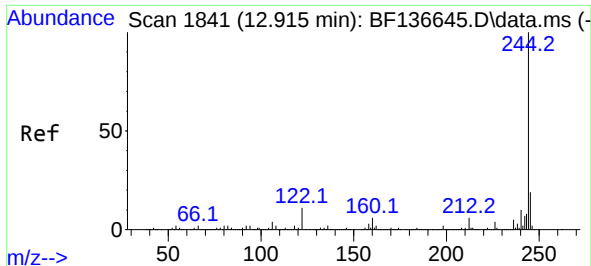
Tgt Ion:188 Resp: 173461
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

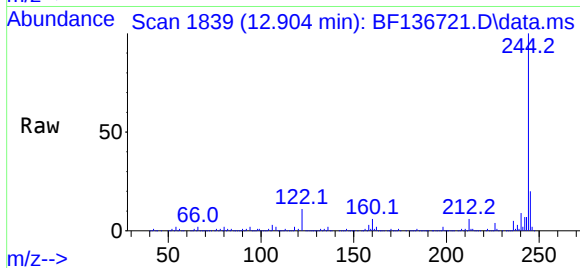
Tgt Ion:240 Resp: 143805
Ion Ratio Lower Upper
240 100
120 9.7 10.3 15.5#
236 24.5 19.4 29.2



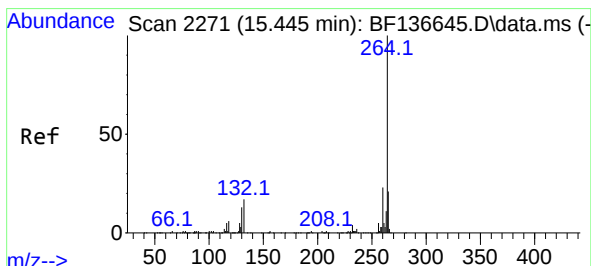
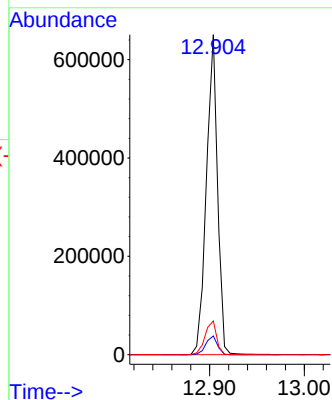
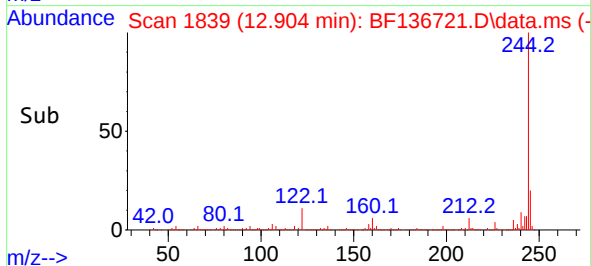


#79
Terphenyl-d14
Concen: 51.713 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-5



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# 2270
Delta R.T. -0.006 min
Lab File: BF136721.D
Acq: 26 Dec 2023 16:07

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

