

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136722.D
 Acq On : 26 Dec 2023 16:38
 Operator : CG\JU
 Sample : 05929-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PAD-2

Quant Time: Dec 26 16:58:32 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)

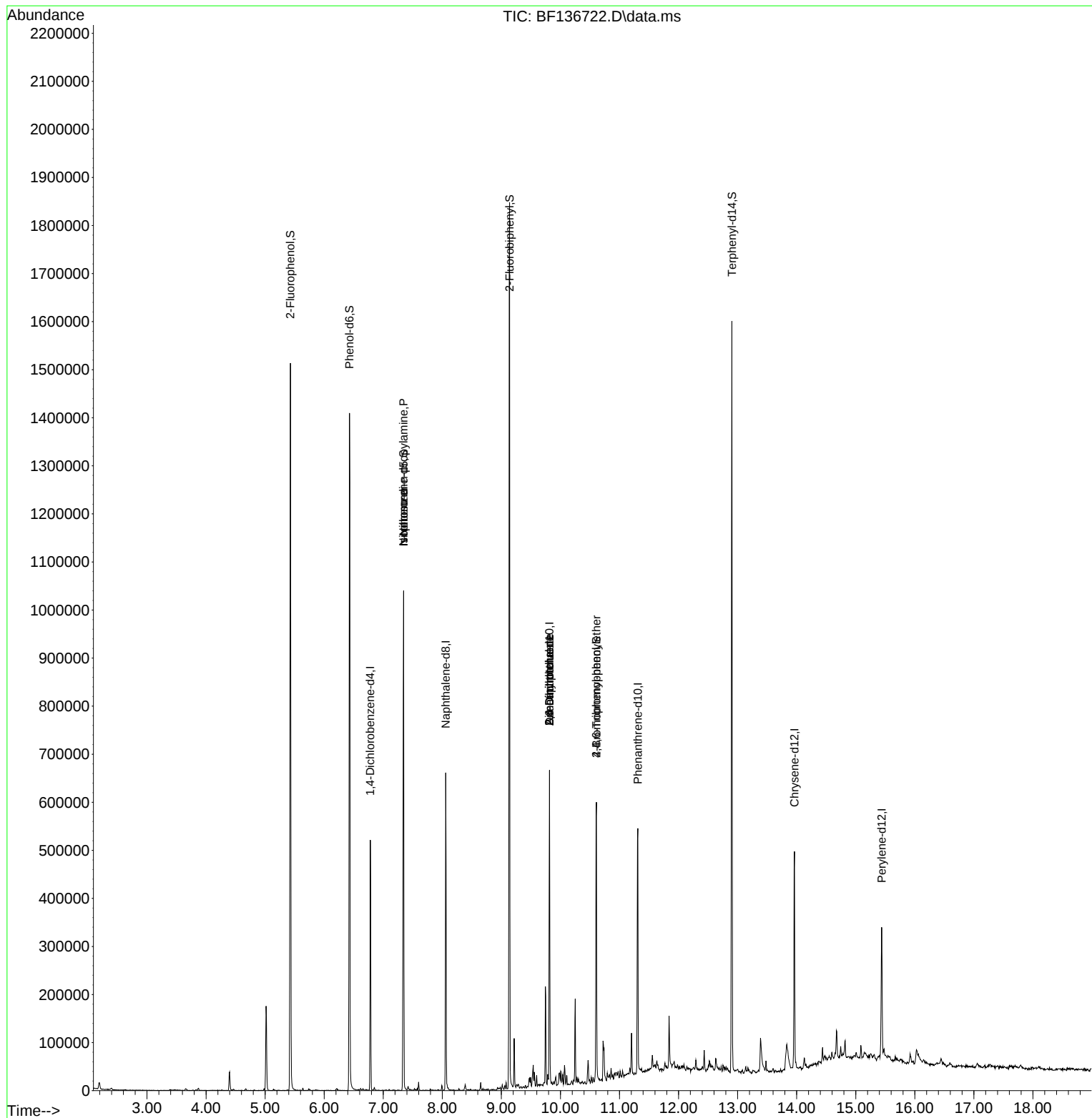
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73450	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	269244	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	120607	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	191981	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	153884	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	125994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	371907	79.004	ng	0.00
7) Phenol-d6	6.428	99	499444	81.879	ng	-0.01
23) Nitrobenzene-d5	7.345	82	316764	60.202	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	78349	55.159	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	606014	67.581	ng	-0.01
79) Terphenyl-d14	12.904	244	534298	48.521	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	41456	11.212	ng	# 75
25) Isophorone	7.345	82	316761	33.085	ng	# 65
50) Dimethylphthalate	9.816	163	23310	2.646	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	15914	7.960	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	15914	6.131	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	4671	2.191	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136722.D
Acq On : 26 Dec 2023 16:38
Operator : CG\JU
Sample : 05929-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-2

Quant Time: Dec 26 16:58:32 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

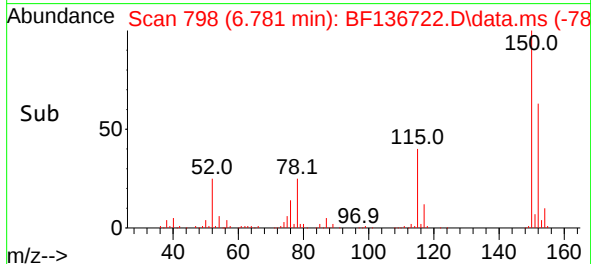
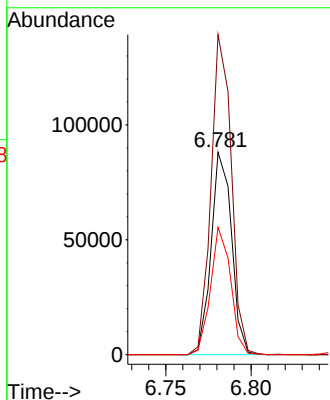
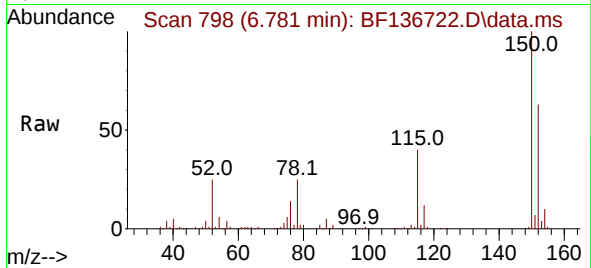




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

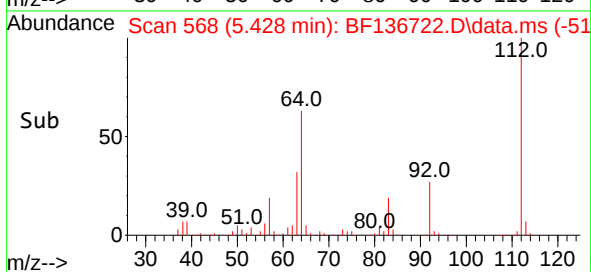
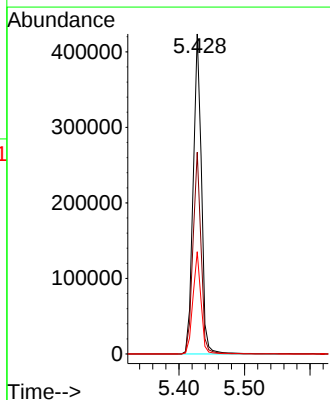
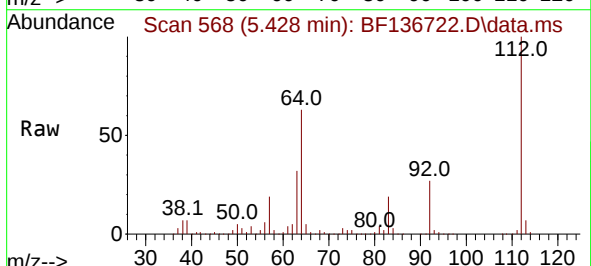
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-2

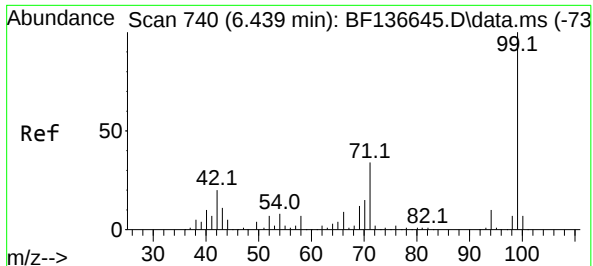
Tgt Ion:152 Resp: 73450
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 63.0 49.0 73.4



#5
2-Fluorophenol
Concen: 79.004 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

Tgt Ion:112 Resp: 371907
Ion Ratio Lower Upper
112 100
64 63.1 51.1 76.7
63 32.0 26.1 39.1

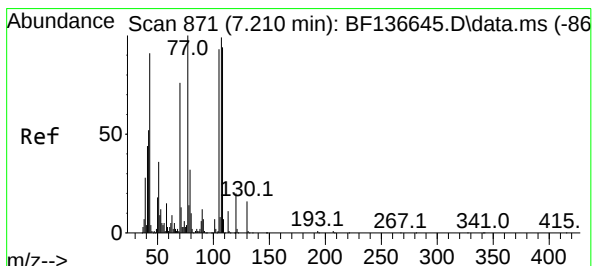
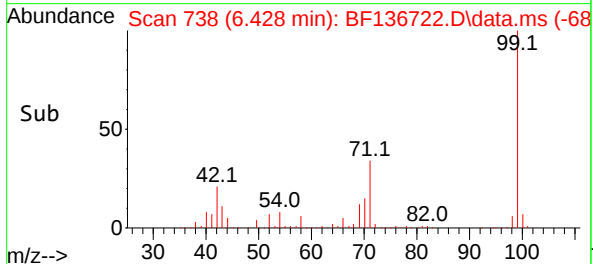
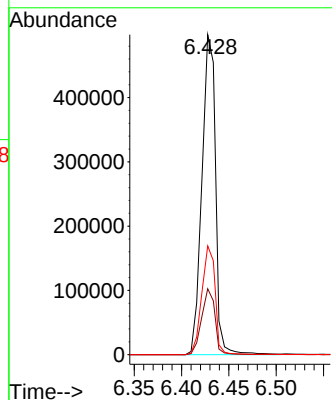
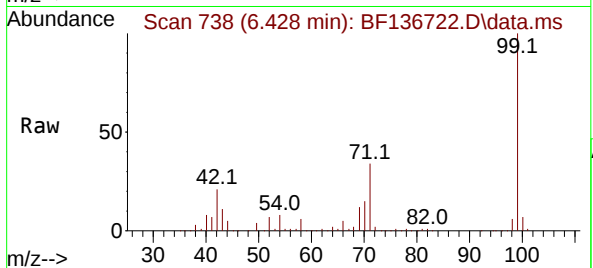




#7
Phenol-d6
Concen: 81.879 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

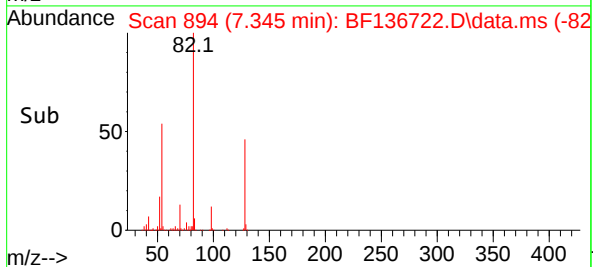
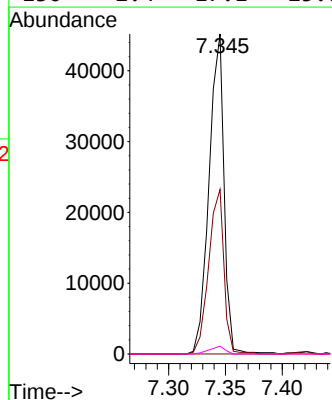
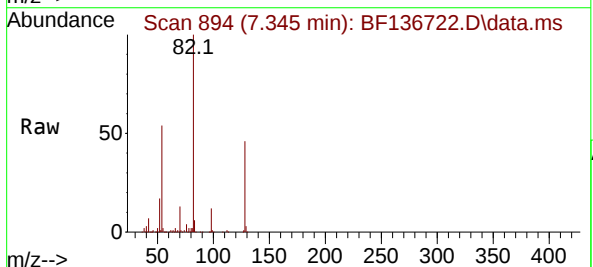
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-2

Tgt Ion: 99 Resp: 499444
Ion Ratio Lower Upper
99 100
42 20.6 16.1 24.1
71 34.0 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.212 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

Tgt Ion: 70 Resp: 41456
Ion Ratio Lower Upper
70 100
42 51.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#

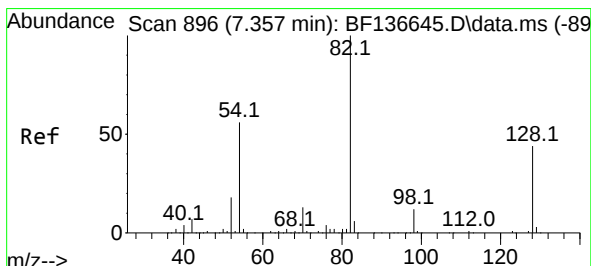
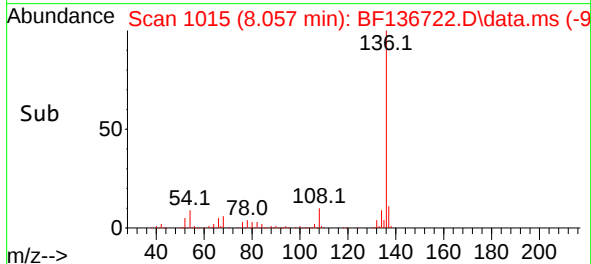
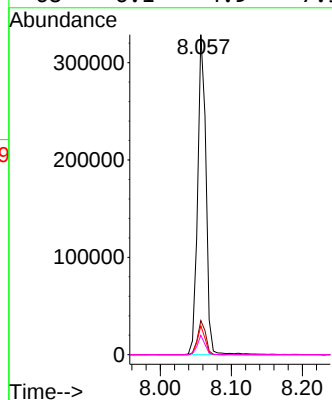
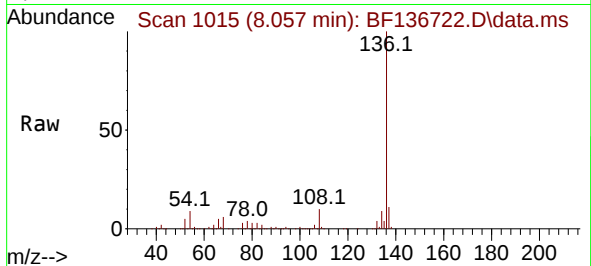




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

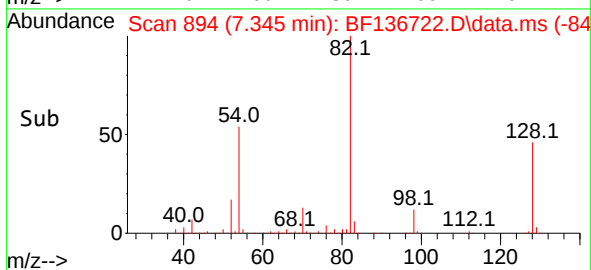
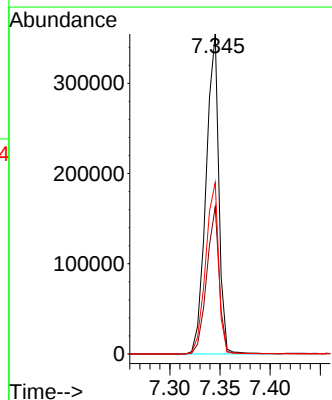
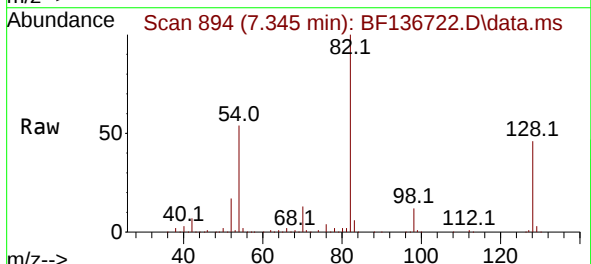
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-2

Tgt Ion:	136	Resp:	269244
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	9.0	7.2	10.8
68	6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 60.202 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

Tgt Ion:	82	Resp:	316764
Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.3	52.9
54	53.6	44.5	66.7

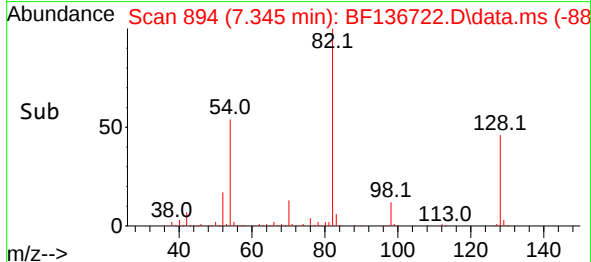
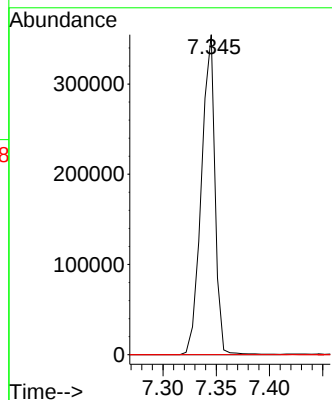
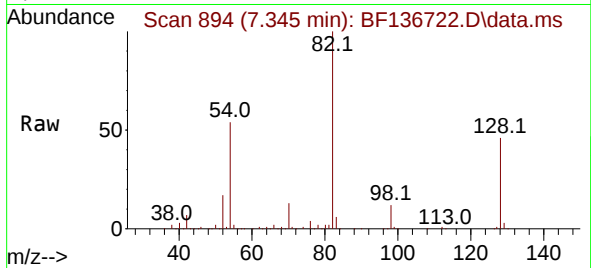




#25
Isophorone
Concen: 33.085 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

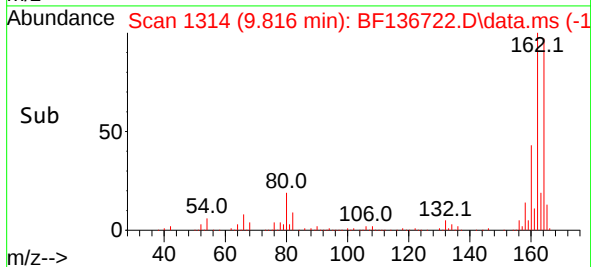
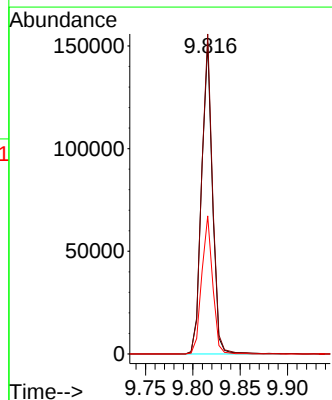
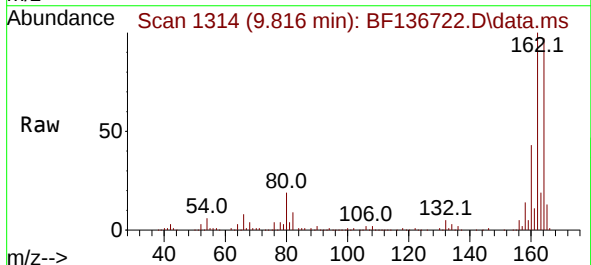
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-2

Tgt Ion: 82 Resp: 316761
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: BF136722.D
Acq: 26 Dec 2023 16:38

Tgt Ion:164 Resp: 120607
Ion Ratio Lower Upper
164 100
162 102.8 81.6 122.4
160 44.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 55.159 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136722.D

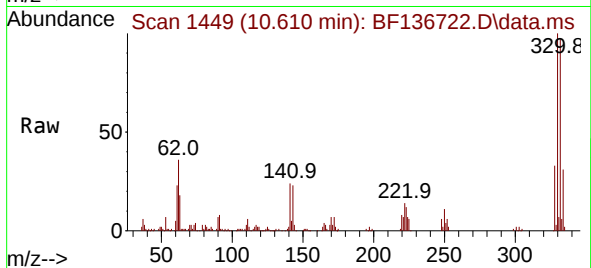
Acq: 26 Dec 2023 16:38

Instrument :

BNA_F

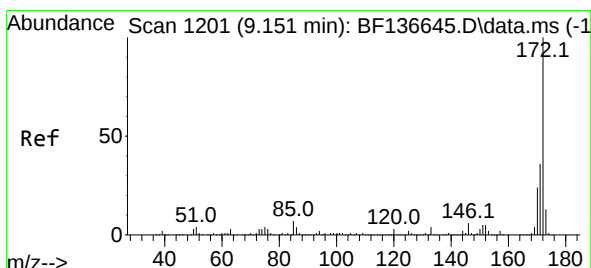
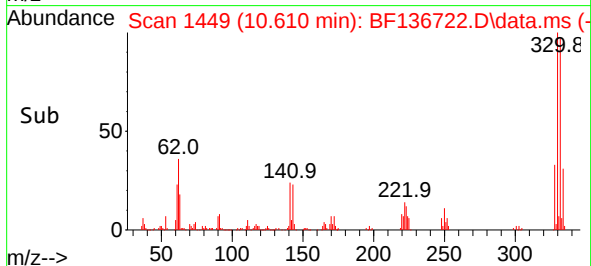
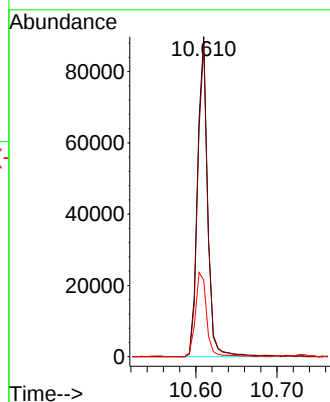
ClientSampleId :

CONCRETE-PAD-2



Tgt Ion:330 Resp: 78349

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.0
141	29.2	23.4	35.2



#45

2-Fluorobiphenyl

Concen: 67.581 ng

RT: 9.139 min Scan# 1199

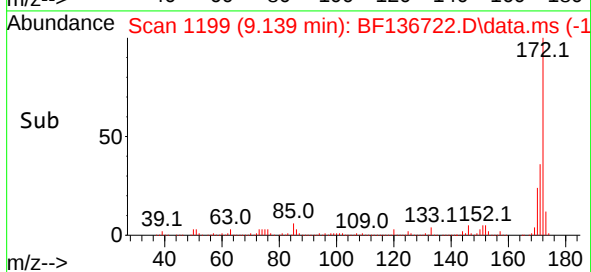
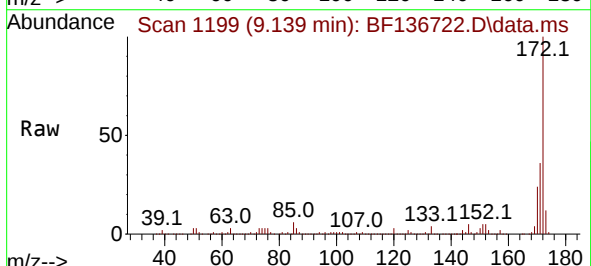
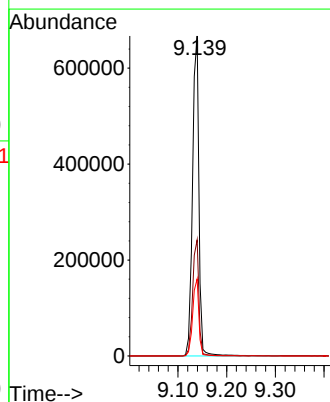
Delta R.T. -0.012 min

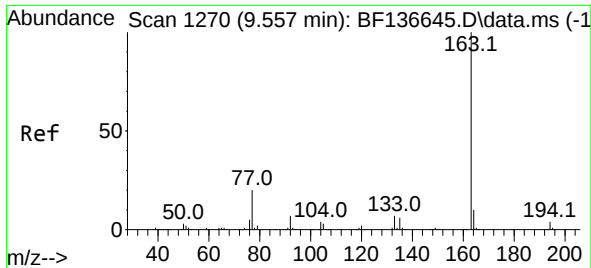
Lab File: BF136722.D

Acq: 26 Dec 2023 16:38

Tgt Ion:172 Resp: 606014

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.1	19.0	28.4

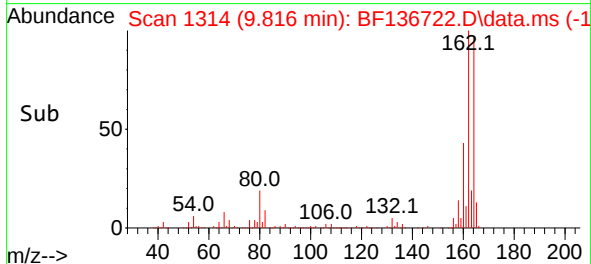
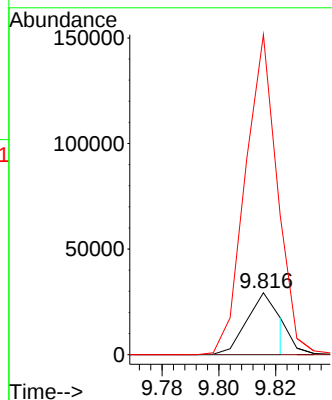
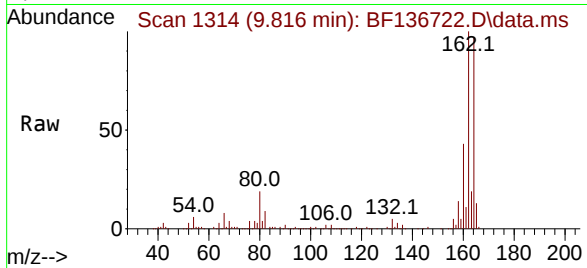




#50
Dimethylphthalate
Concen: 2.646 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

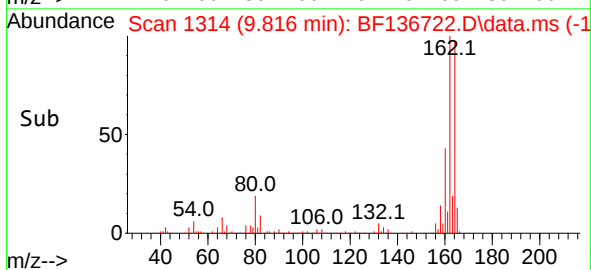
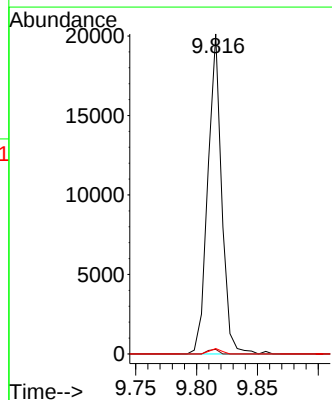
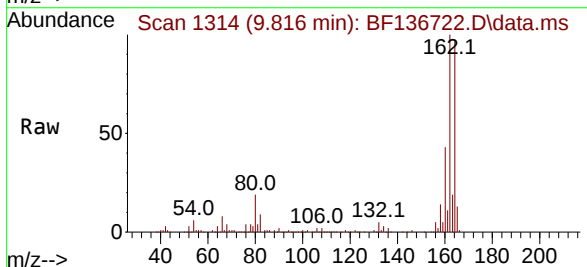
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-2

Tgt Ion:163 Resp: 23310
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 516.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.960 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

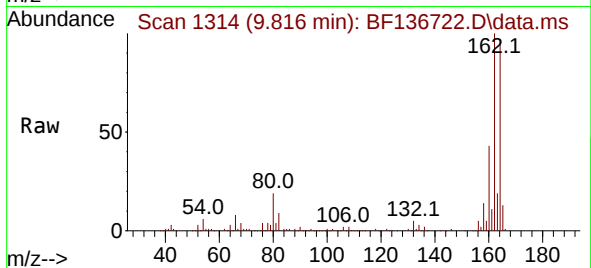
Tgt Ion:165 Resp: 15914
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.7 38.8 58.2#



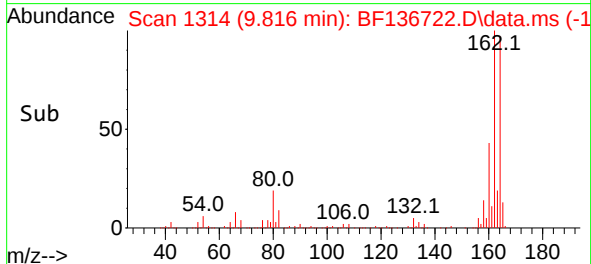
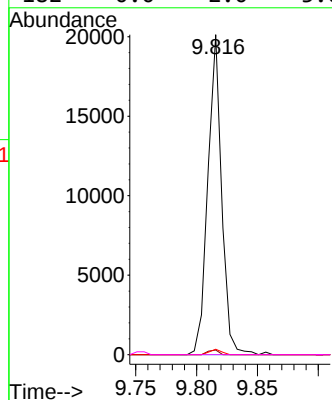


#57
2,4-Dinitrotoluene
Concen: 6.131 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-2

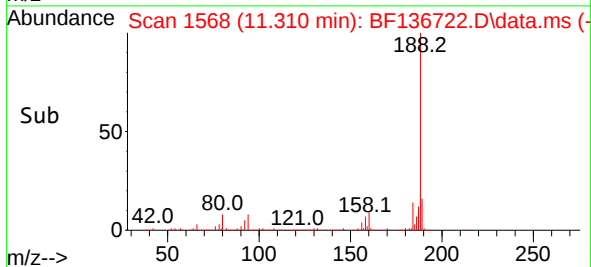
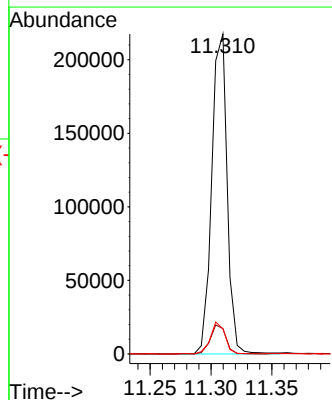
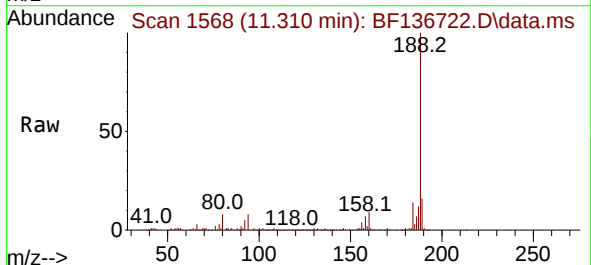


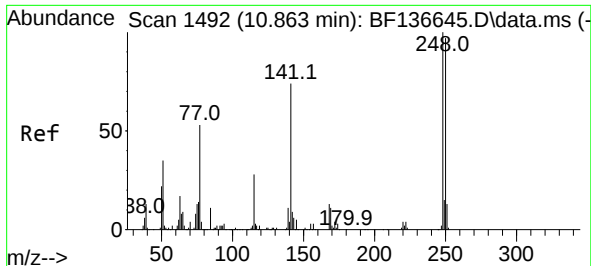
Tgt Ion:165 Resp: 15914
Ion Ratio Lower Upper
165 100
63 1.4 41.0 61.6#
89 1.7 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

Tgt Ion:188 Resp: 191981
Ion Ratio Lower Upper
188 100
94 8.0 7.5 11.3
80 7.9 8.1 12.1#

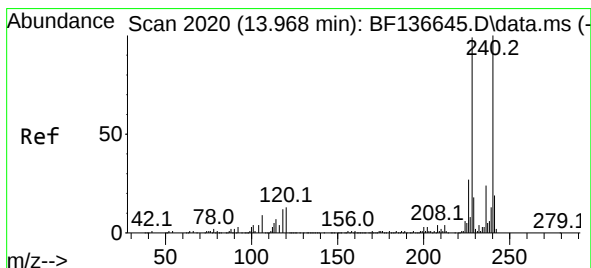
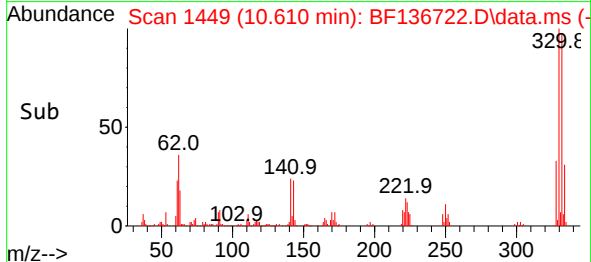
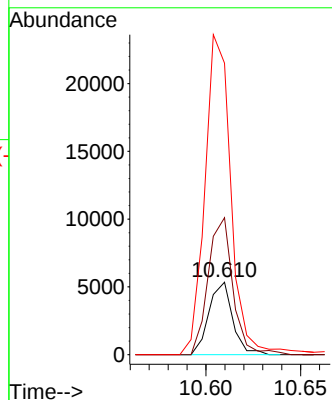
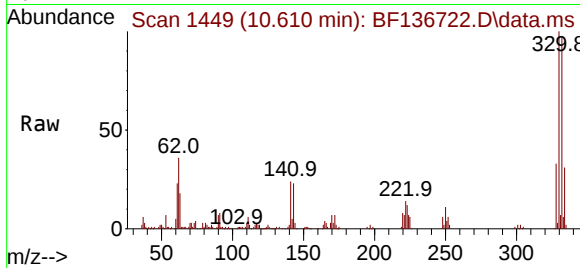




#67
4-Bromophenyl-phenylether
Concen: 2.191 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

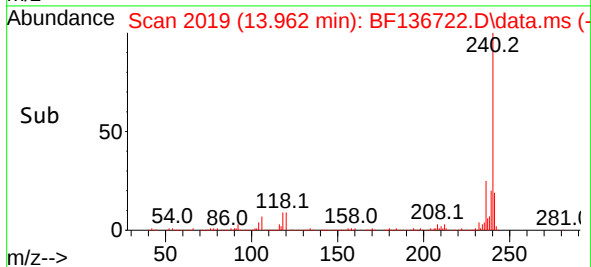
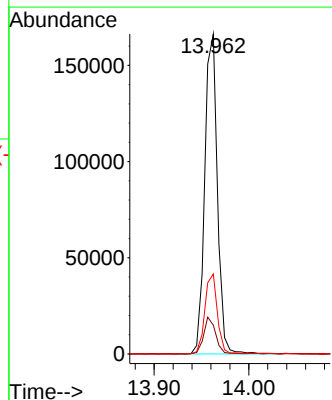
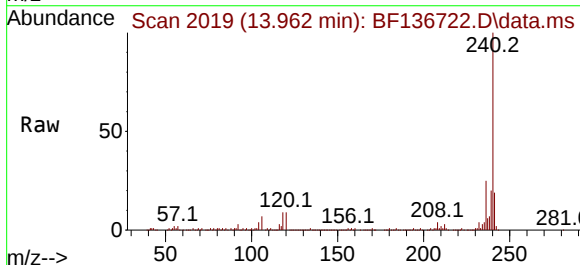
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-2

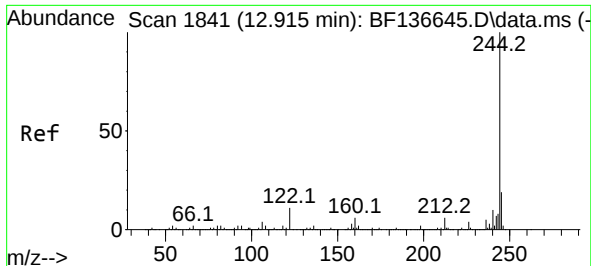
Tgt Ion:248 Resp: 4671
Ion Ratio Lower Upper
248 100
250 189.0 77.8 116.6#
141 402.2 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

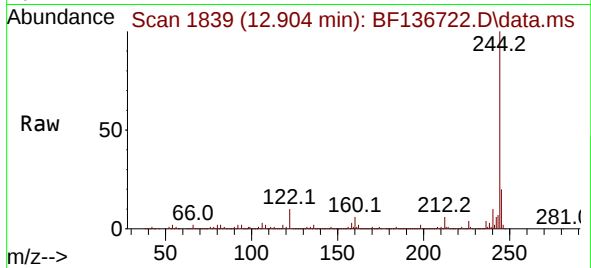
Tgt Ion:240 Resp: 153884
Ion Ratio Lower Upper
240 100
120 9.0 10.3 15.5#
236 25.0 19.4 29.2



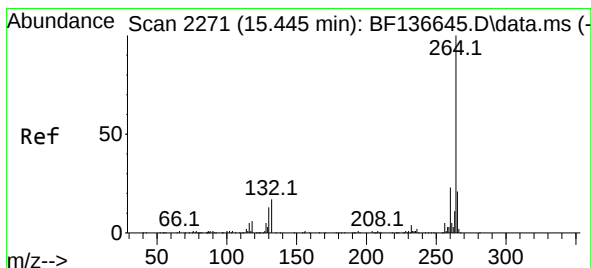
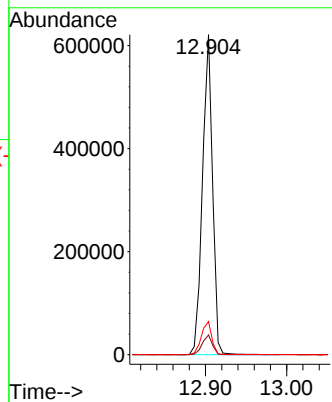
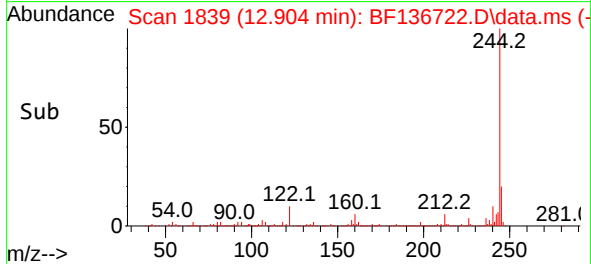


#79
Terphenyl-d14
Concen: 48.521 ng
RT: 12.904 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-2



Tgt Ion:244 Resp: 534298
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 10.4 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: BF136722.D
Acq: 26 Dec 2023 16:38

Tgt Ion:264 Resp: 125994
Ion Ratio Lower Upper
264 100
260 24.9 18.3 27.5
265 22.1 17.0 25.6

