

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008459.D
 Acq On : 16 Dec 2021 18:48
 Operator : CG/JU
 Sample : M5080-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-PAD

Quant Time: Dec 17 03:23:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

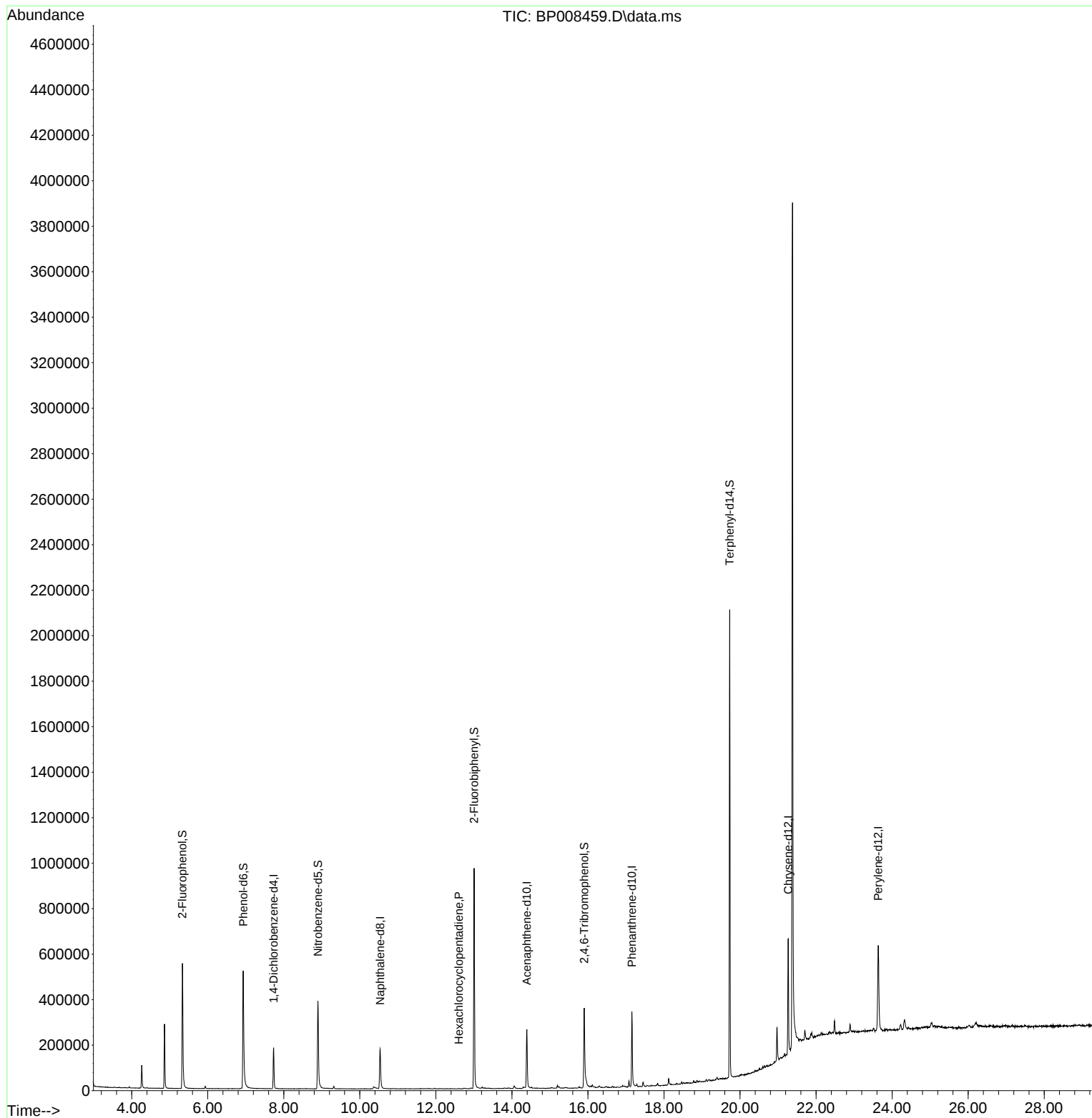
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	46886	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	162671	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	100702	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	223316	20.000	ng	0.00
76) Chrysene-d12	21.269	240	276419	20.000	ng	# 0.00
86) Perylene-d12	23.633	264	338261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	240376	80.965	ng	-0.01
7) Phenol-d6	6.934	99	349567	87.667	ng	0.00
23) Nitrobenzene-d5	8.899	82	256460	66.791	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	91073	61.540	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	515502	65.074	ng	-0.01
79) Terphenyl-d14	19.727	244	949023	59.752	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.234	88	50	Below Cal	#	1
9) Benzaldehyde	6.934	77	1380	Below Cal	#	23
41) Hexachlorocyclopentadiene	12.604	237	20	8.669 ng		76

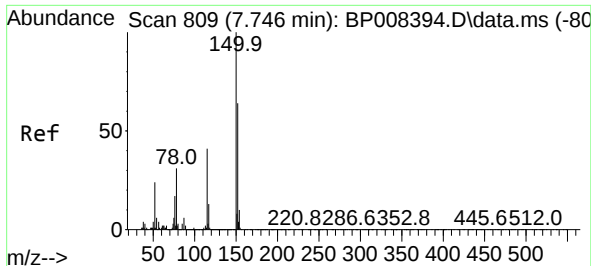
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
Data File : BP008459.D
Acq On : 16 Dec 2021 18:48
Operator : CG/JU
Sample : M5080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PAD

Quant Time: Dec 17 03:23:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 17:59:47 2021
Response via : Initial Calibration

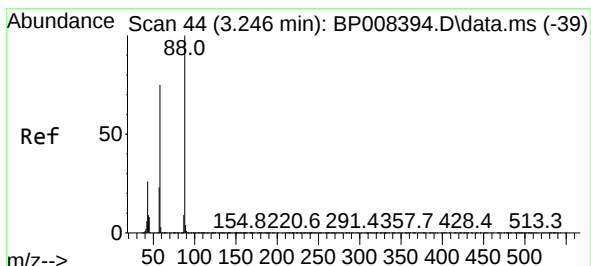
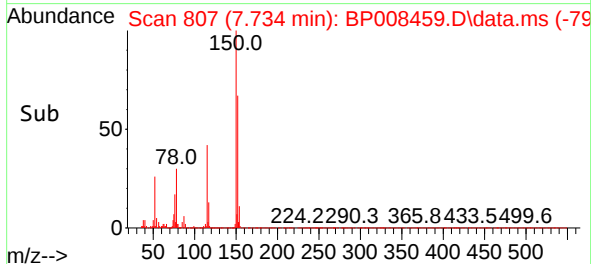
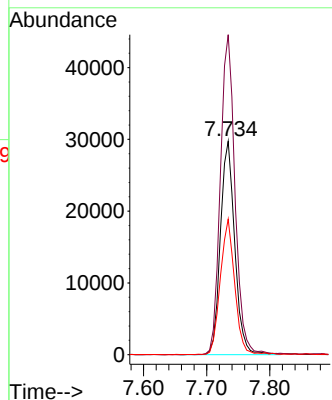
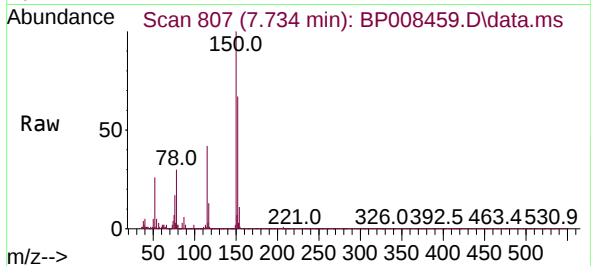




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP008459.D
Acq: 16 Dec 2021 18:48

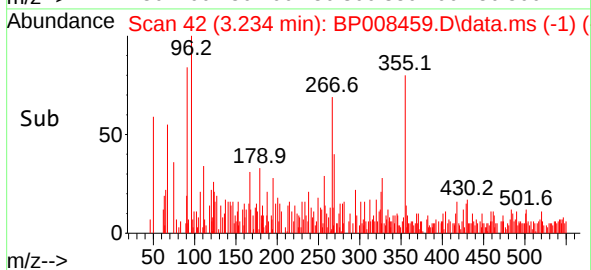
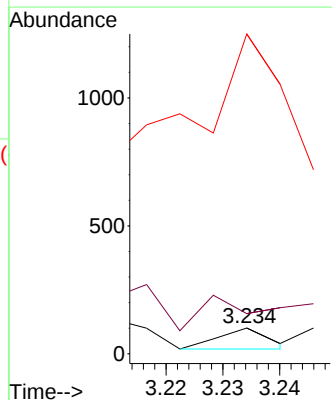
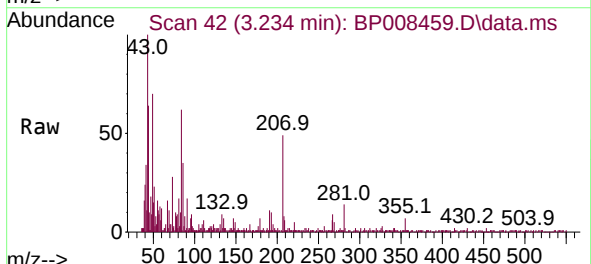
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PAD

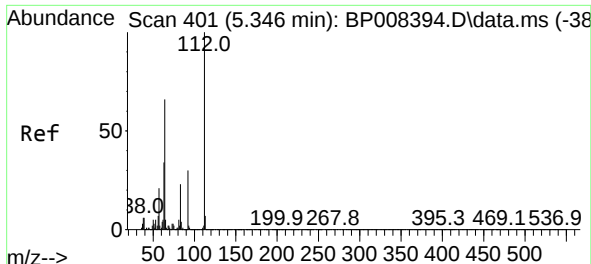
Tgt Ion:152 Resp: 46886
Ion Ratio Lower Upper
152 100
150 150.0 125.7 188.5
115 63.5 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.234 min Scan# 42
Delta R.T. -0.012 min
Lab File: BP008459.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
58 0.0 63.5 95.3#
43 840.0 23.4 35.2#

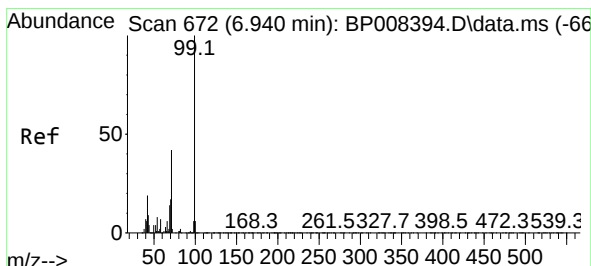
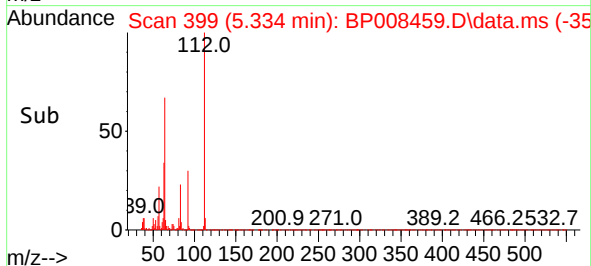
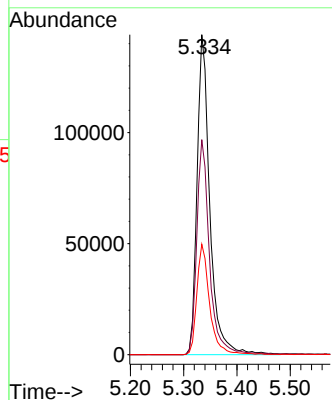
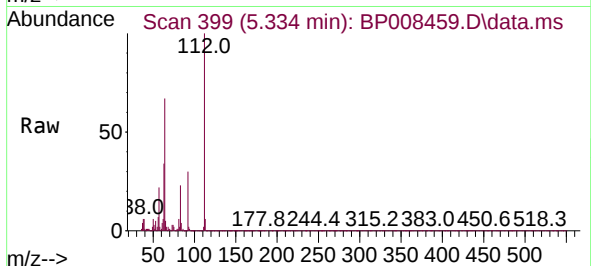




#5
2-Fluorophenol
Concen: 80.965 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP008459.D
Acq: 16 Dec 2021 18:48

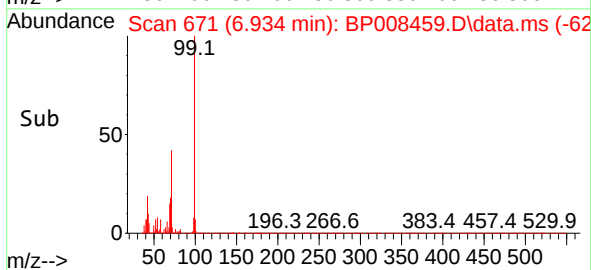
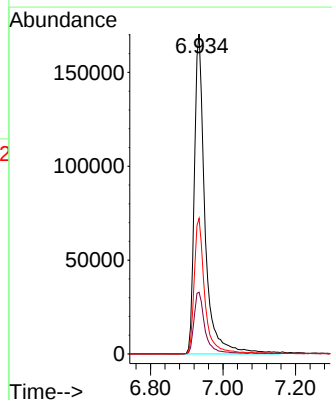
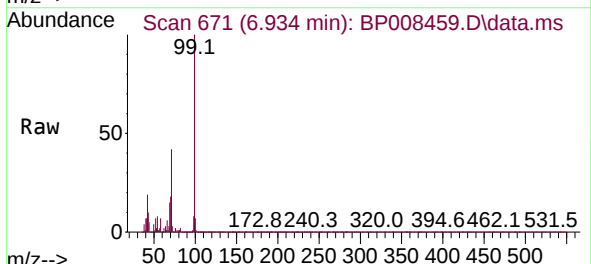
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PAD

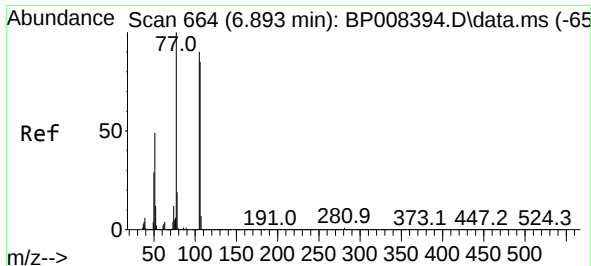
Tgt Ion:112 Resp: 240376
Ion Ratio Lower Upper
112 100
64 67.2 53.4 80.2
63 34.5 27.8 41.8



#7
Phenol-d6
Concen: 87.667 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008459.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 99 Resp: 349567
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 42.4 31.1 46.7

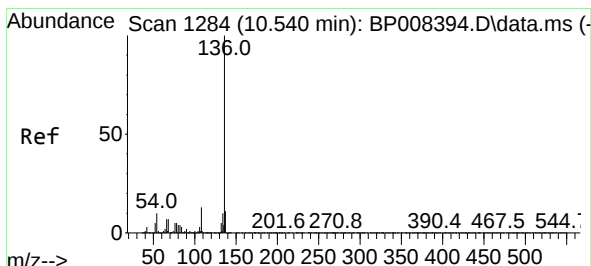
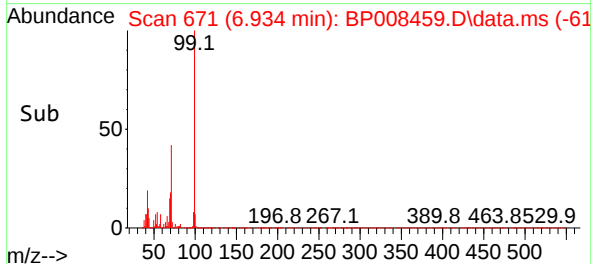
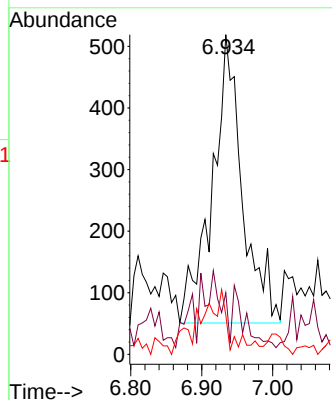
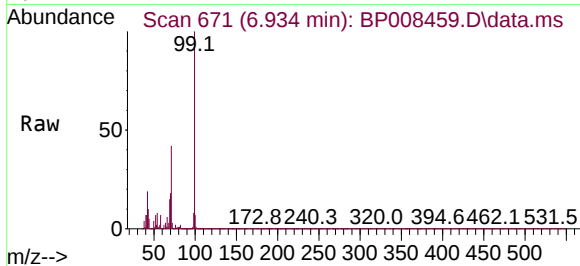




#9
Benzaldehyde
Concen: Below Cal
RT: 6.934 min Scan# 61
Delta R.T. 0.041 min
Lab File: BP008459.D
Acq: 16 Dec 2021 18:48

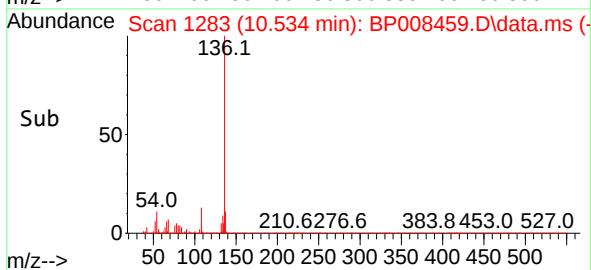
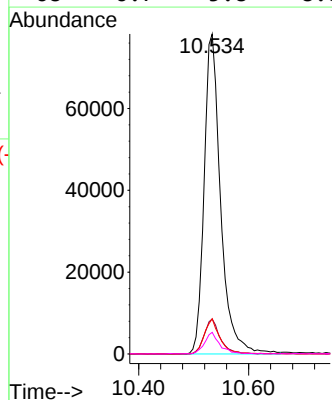
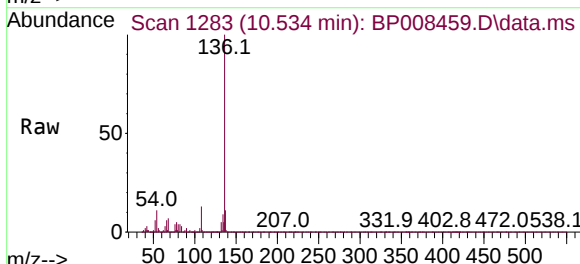
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PAD

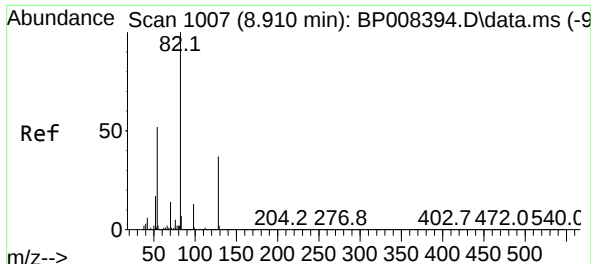
Tgt Ion: 77 Resp: 1380
Ion Ratio Lower Upper
77 100
105 19.3 71.8 111.8#
106 15.4 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP008459.D
Acq: 16 Dec 2021 18:48

Tgt Ion: 136 Resp: 162671
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 11.0 8.2 12.4
68 6.7 5.8 8.8





#23

Nitrobenzene-d5

Concen: 66.791 ng

RT: 8.899 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BP008459.D

Acq: 16 Dec 2021 18:48

Instrument :

BNA_P

ClientSampleId :

CONCRETE-PAD

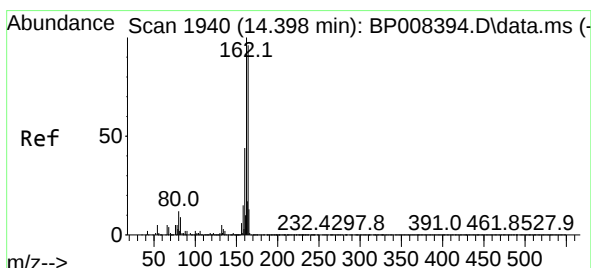
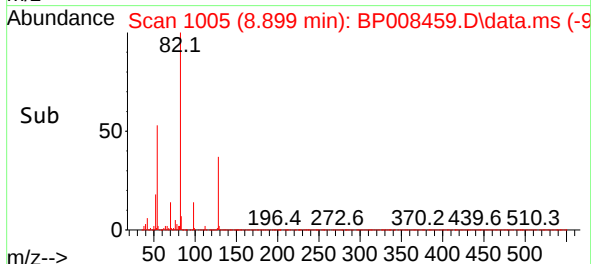
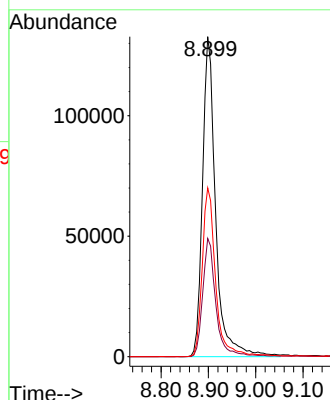
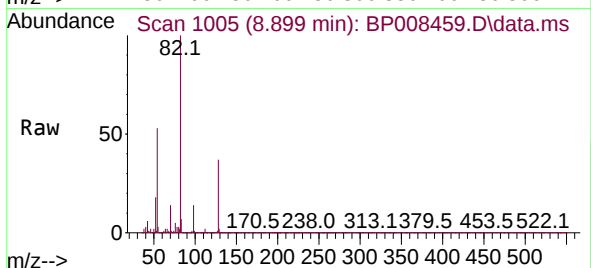
Tgt Ion: 82 Resp: 256460

Ion Ratio Lower Upper

82 100

128 36.9 29.6 44.4

54 52.7 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BP008459.D

Acq: 16 Dec 2021 18:48

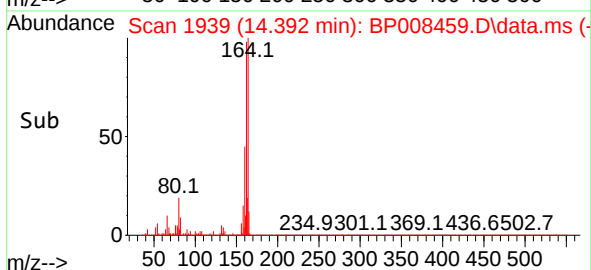
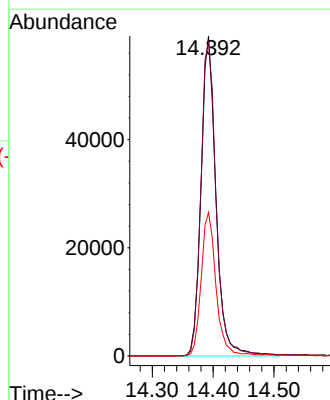
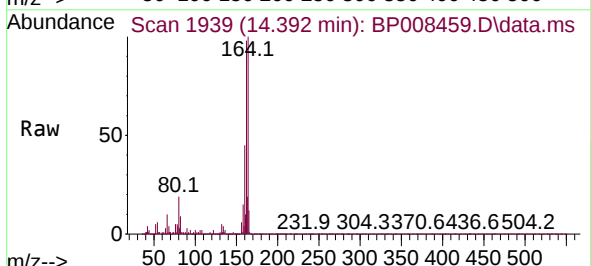
Tgt Ion:164 Resp: 100702

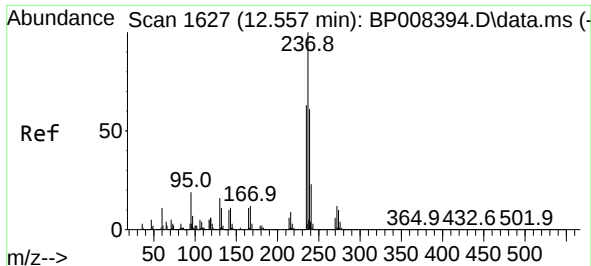
Ion Ratio Lower Upper

164 100

162 97.9 81.9 122.9

160 44.9 35.4 53.0

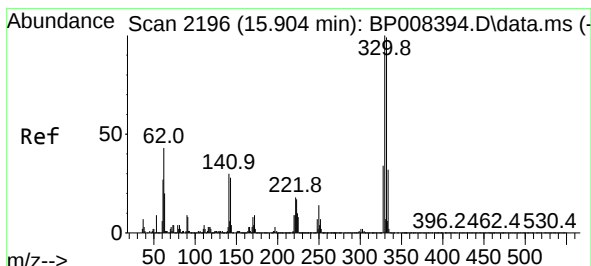
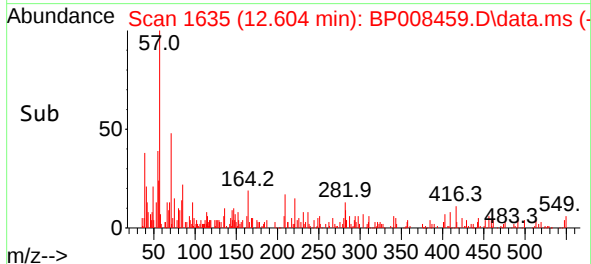
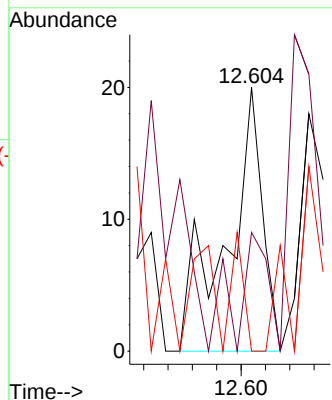
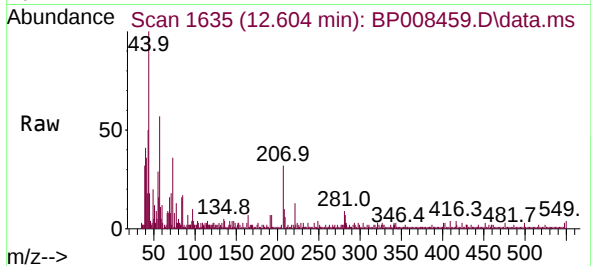




#41
Hexachlorocyclopentadiene
Concen: 8.669 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.047 min
Lab File: BP008459.D
Acq: 16 Dec 2021 18:48

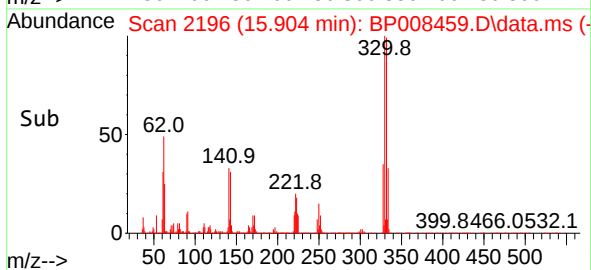
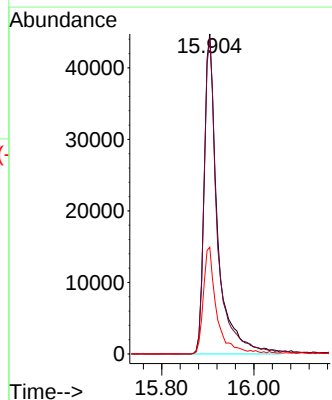
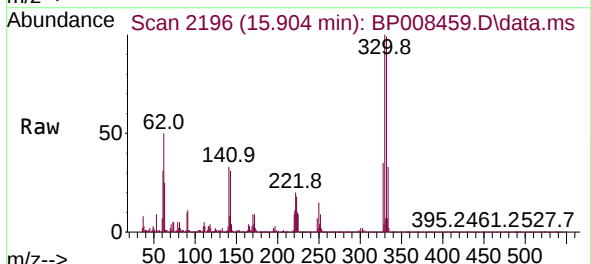
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PAD

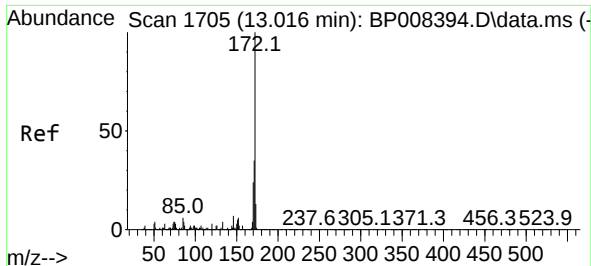
Tgt Ion:	237	Resp:	20
Ion Ratio	Lower	Upper	
237	100		
235	45.0	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 61.540 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP008459.D
Acq: 16 Dec 2021 18:48

Tgt Ion:	330	Resp:	91073
Ion Ratio	Lower	Upper	
330	100		
332	98.3	77.0	115.4
141	32.5	28.4	42.6

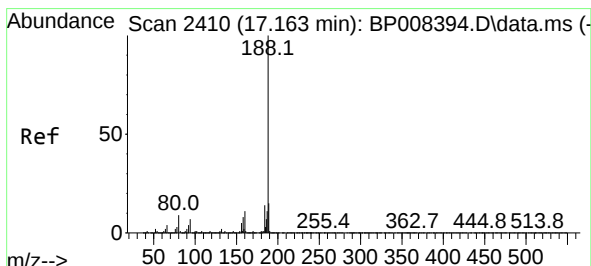
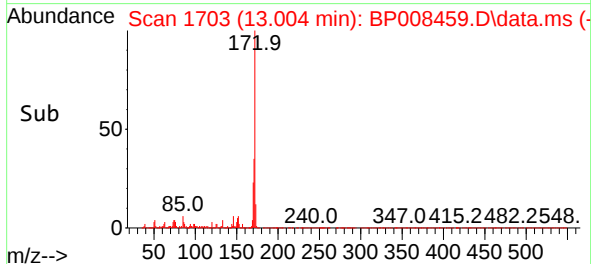
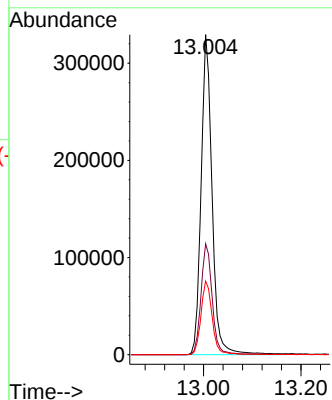
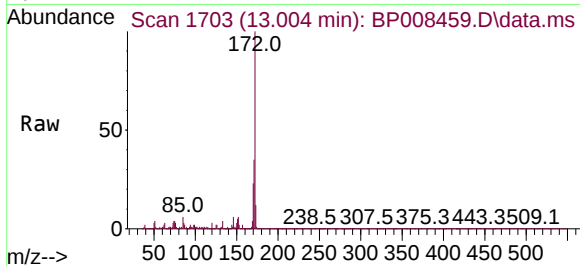




#45
2-Fluorobiphenyl
Concen: 65.074 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008459.D
Acq: 16 Dec 2021 18:48

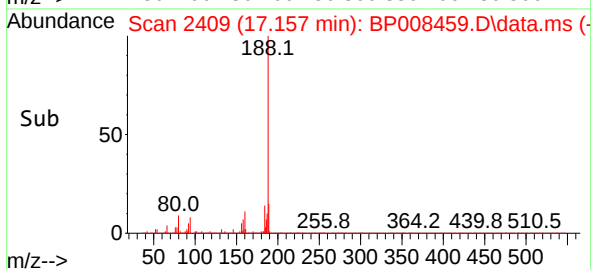
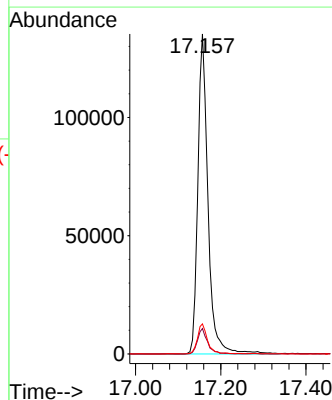
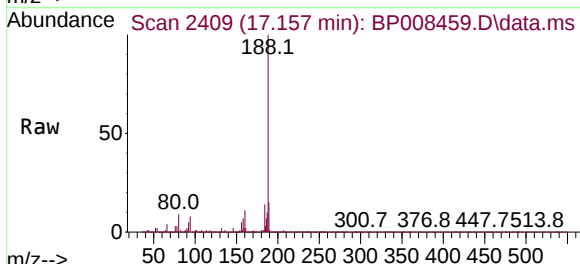
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PAD

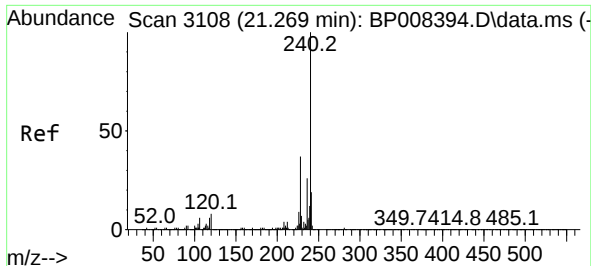
Tgt Ion:172 Resp: 515502
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.0 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008459.D
Acq: 16 Dec 2021 18:48

Tgt Ion:188 Resp: 223316
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.4 8.2 12.4

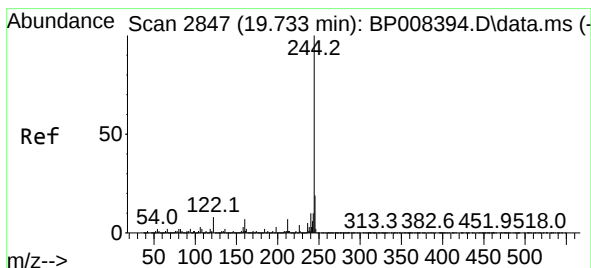
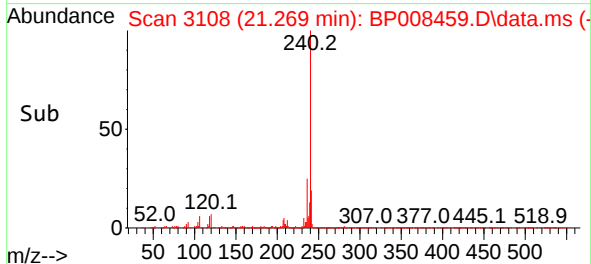
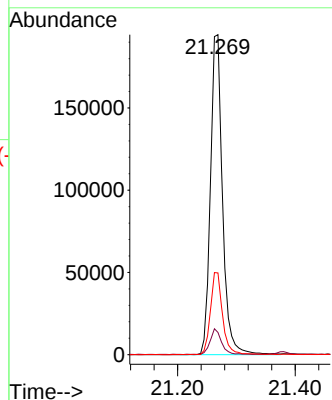
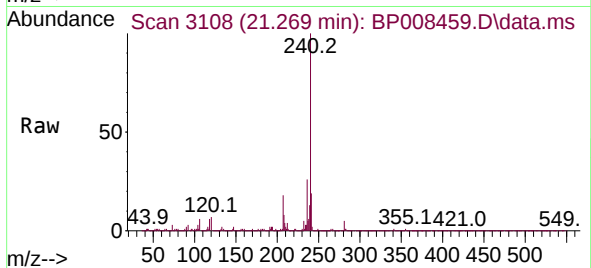




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008459.D
Acq: 16 Dec 2021 18:48

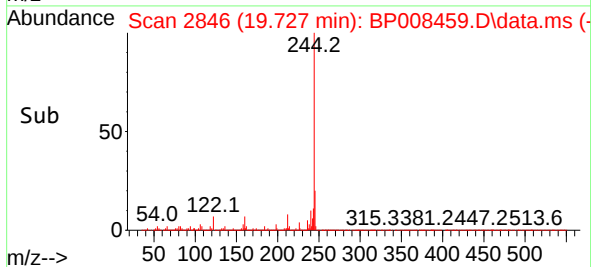
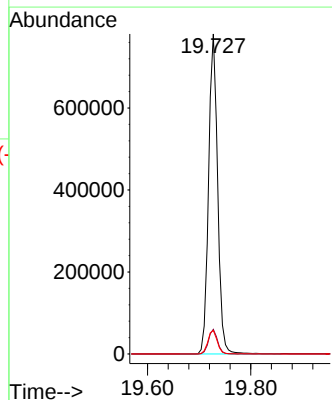
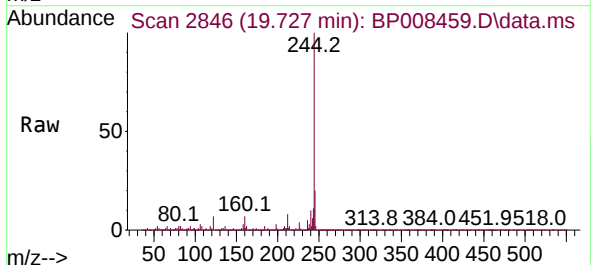
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PAD

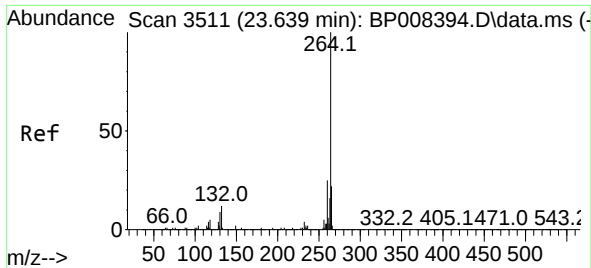
Tgt Ion:240 Resp: 276419
Ion Ratio Lower Upper
240 100
120 7.0 7.3 10.9#
236 25.6 21.4 32.2



#79
Terphenyl-d14
Concen: 59.752 ng
RT: 19.727 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP008459.D
Acq: 16 Dec 2021 18:48

Tgt Ion:244 Resp: 949023
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 7.3 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.633 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008459.D
 Acq: 16 Dec 2021 18:48

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-PAD

Tgt Ion:264 Resp: 338261
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 22.5 17.6 26.4

