

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120921\
 Data File : BP008316.D
 Acq On : 09 Dec 2021 17:45
 Operator : CG/JU
 Sample : M4965-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RED-CONCRETE-COMP-EXTERIOR

Quant Time: Dec 10 04:08:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 01:43:36 2021
 Response via : Initial Calibration

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

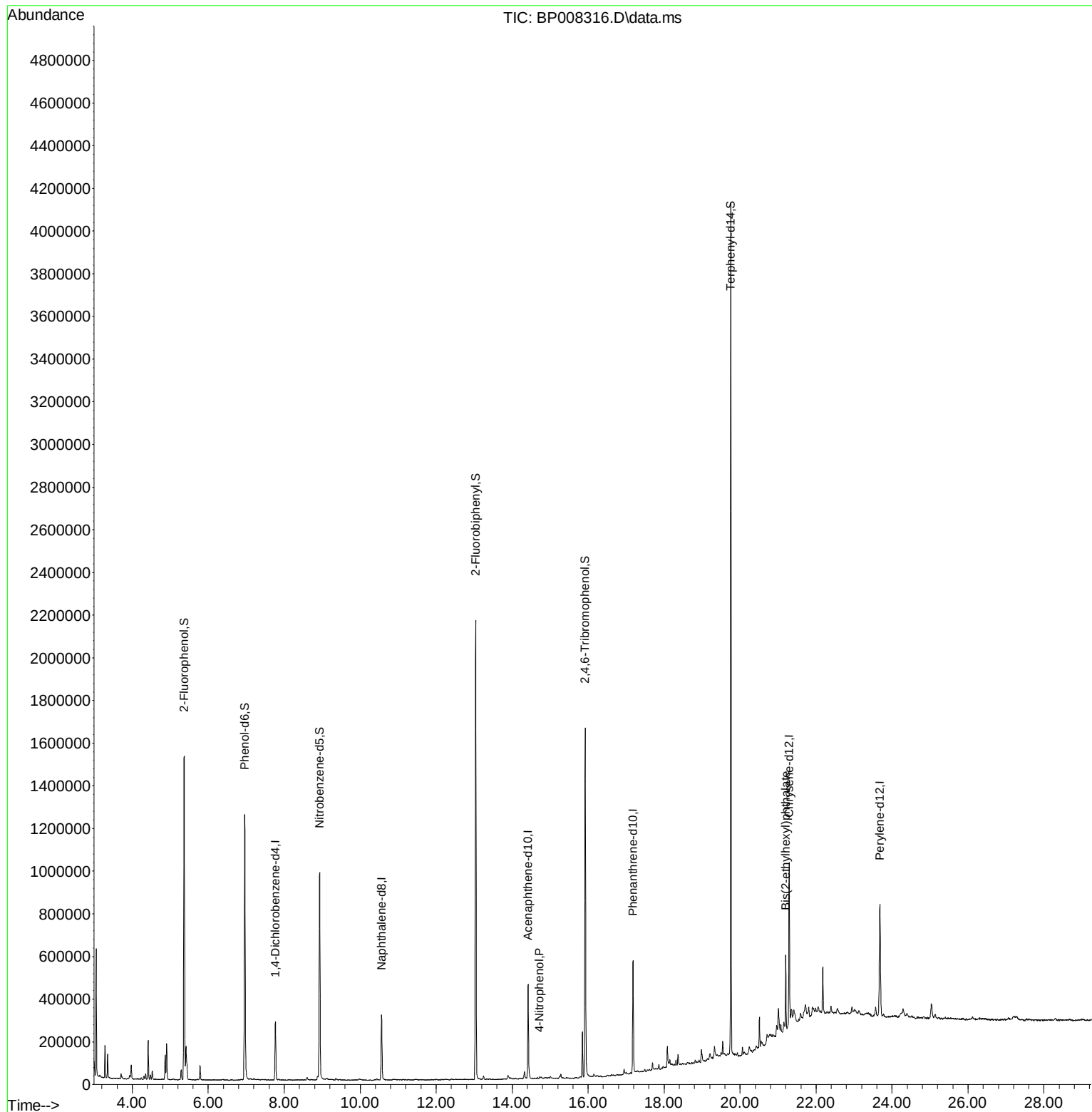
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	69312	20.00	ng	0.00
21) Naphthalene-d8	10.563	136	243080	20.00	ng	0.00
39) Acenaphthene-d10	14.422	164	151113	20.00	ng	0.00
64) Phenanthrene-d10	17.186	188	321611	20.00	ng	0.00
76) Chrysene-d12	21.292	240	370069	20.00	ng	0.00
86) Perylene-d12	23.680	264	419474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	600971	139.60	ng	0.00
7) Phenol-d6	6.958	99	692552	119.17	ng	0.00
23) Nitrobenzene-d5	8.934	82	575409	107.64	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	316194	163.71	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	1088566	104.64	ng	0.00
79) Terphenyl-d14	19.757	244	1818482	102.70	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.881	77	210	Below Cal	#	18
56) 4-Nitrophenol	14.722	139	4736	2.59	ng	6
78) Pyrene	19.563	202	4138	Below Cal	#	90
84) Bis(2-ethylhexyl)phtha...	21.204	149	100549	6.28	ng	99

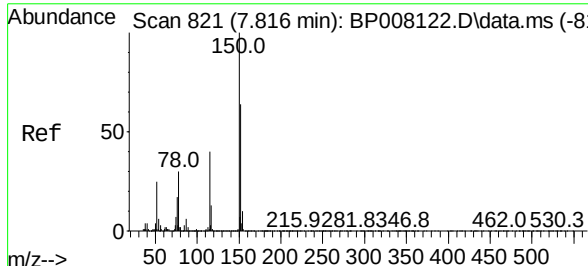
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 09 01:43:36 2021
Response via : Initial Calibration

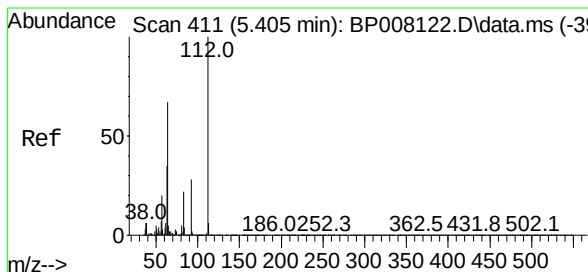
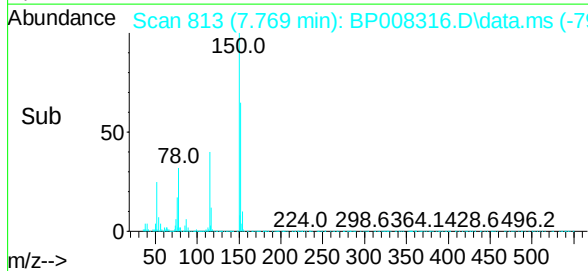
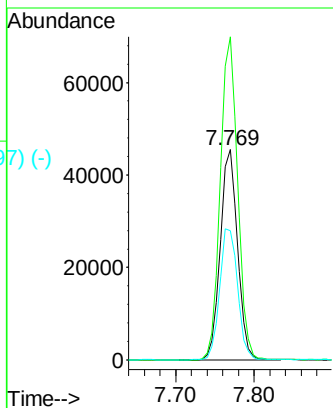
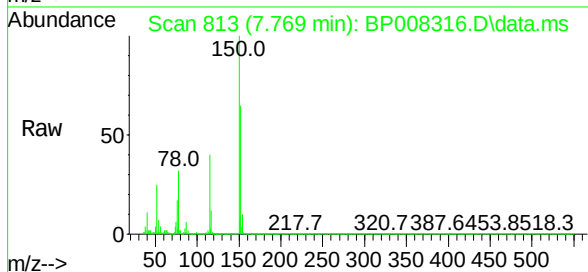




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.769 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BP008316.D
 Acq: 09 Dec 2021 17:45

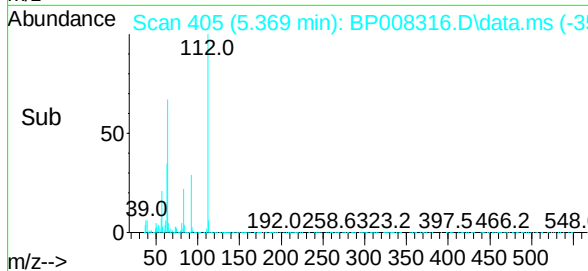
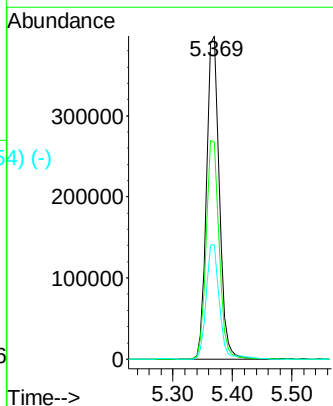
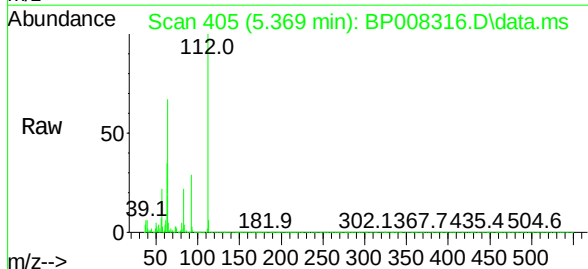
Instrument : BNA_P
 ClientSampleId : RED-CONCRETE-COMP-EXTERIOR

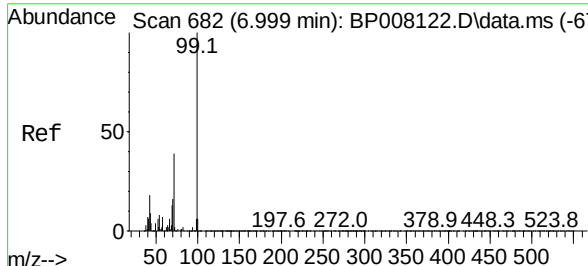
Tgt Ion:	152	Resp:	69312
Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.7	188.5
115	61.4	50.7	76.1



2-Fluorophenol
 Concen: 139.60 ng
 RT: 5.369 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: BP008316.D
 Acq: 09 Dec 2021 17:45

Tgt Ion:	112	Resp:	600971
Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.4	80.2
63	35.3	27.8	41.8

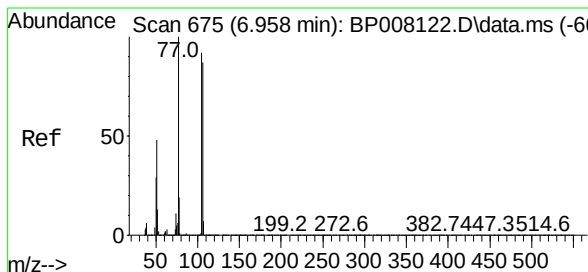
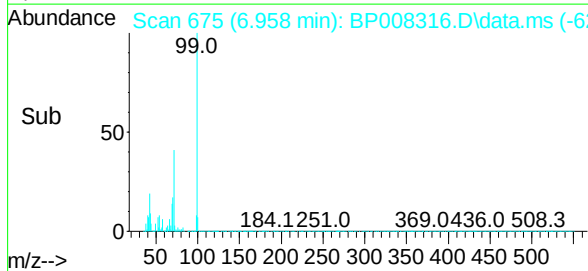
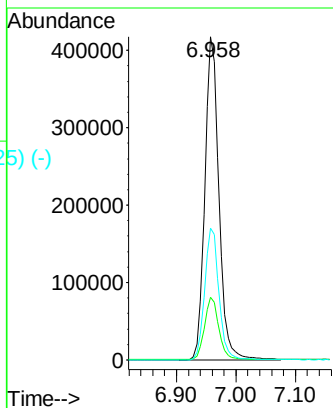
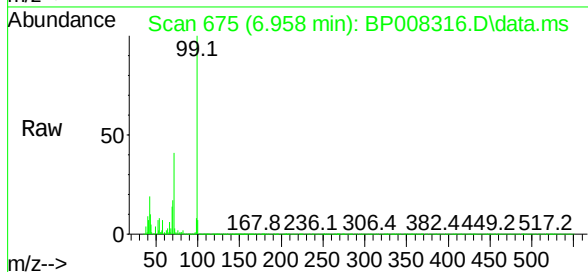




Phenol-d6
 Concen: 119.17 ng
 RT: 6.958 min Scan# 662
 Delta R.T. -0.006 min
 Lab File: BP008316.D
 Acq: 09 Dec 2021 17:45

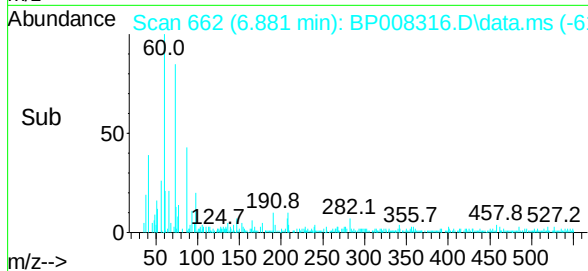
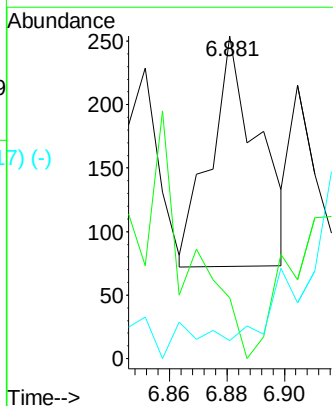
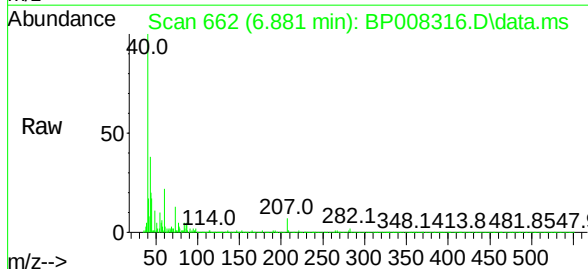
Instrument :
 BNA_P
 ClientSampleId :
 RED-CONCRETE-COMP-EXTERIOR

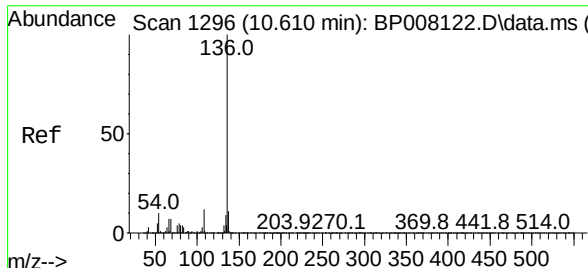
Tgt Ion:	99	Resp:	692552
Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.6	22.0
71	40.8	31.1	46.7



Benzaldehyde
 Concen: Below Cal
 RT: 6.881 min Scan# 662
 Delta R.T. -0.035 min
 Lab File: BP008316.D
 Acq: 09 Dec 2021 17:45

Tgt Ion:	77	Resp:	210
Ion	Ratio	Lower	Upper
77	100		
105	18.9	71.8	111.8#
106	5.5	67.3	107.3#

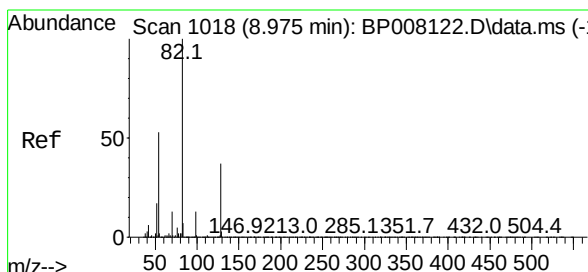
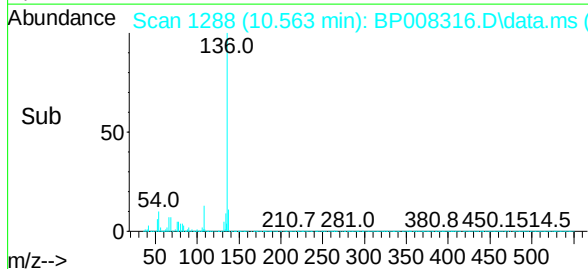
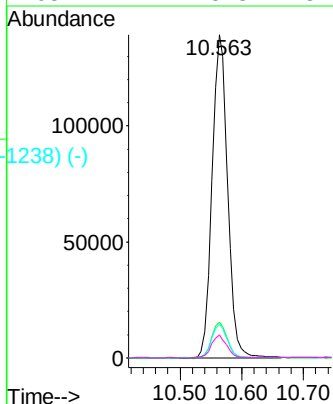
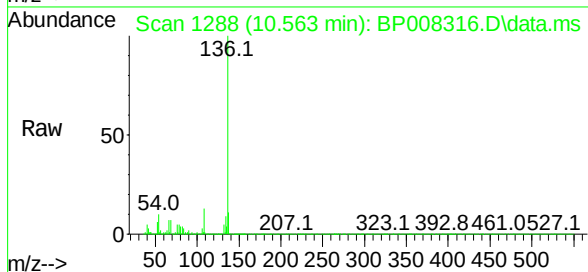




Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP008316.D
Acq: 09 Dec 2021 17:45

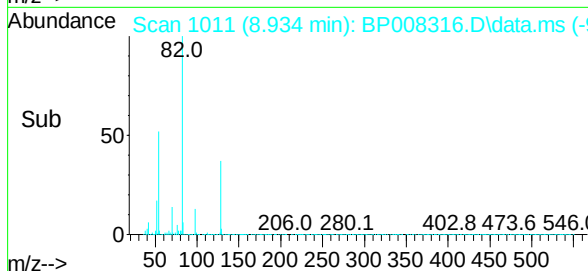
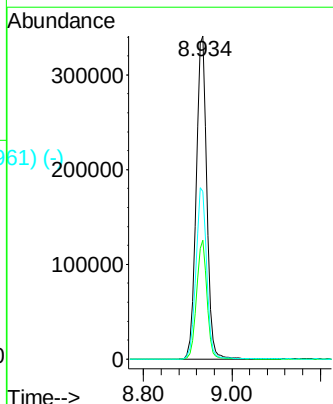
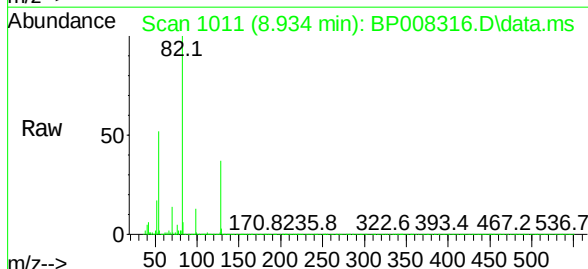
Instrument :
BNA_P
ClientSampleId :
RED-CONCRETE-COMP-EXTERIOR

Tgt Ion:	136	Resp:	243080
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.5	8.2	12.4
68	7.1	5.8	8.8

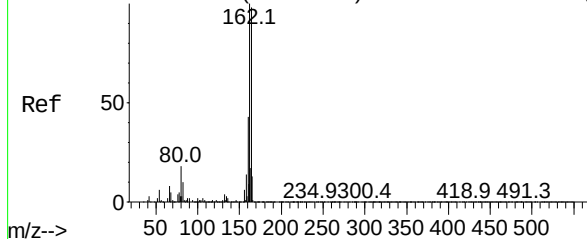


Nitrobenzene-d5
Concen: 107.64 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP008316.D
Acq: 09 Dec 2021 17:45

Tgt Ion:	82	Resp:	575409
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.6	44.4
54	51.8	42.7	64.1



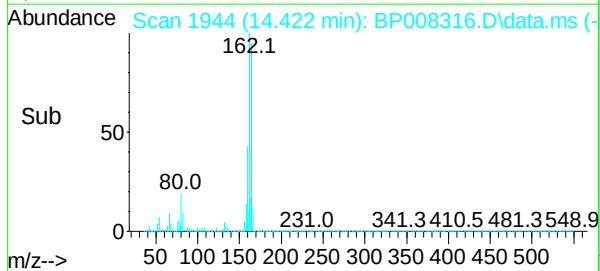
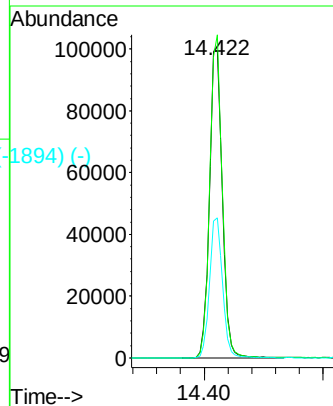
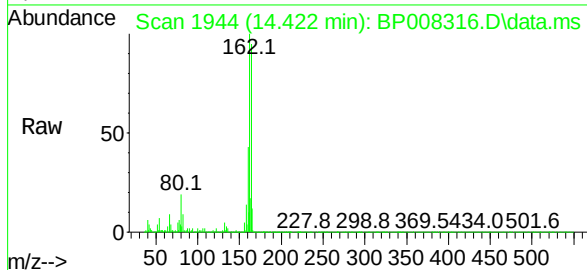
Abundance Scan 1950 (14.457 min): BP008122.D\data.ms (-1939) (-)



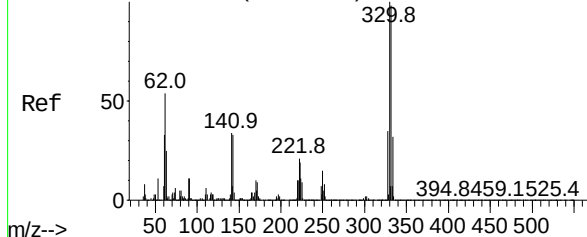
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.422 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP008316.D
Acq: 09 Dec 2021 17:45

Instrument :
BNA_P
ClientSampleId :
RED-CONCRETE-COMP-EXTERIOR

Tgt Ion:	164	Resp:	151113
Ion	Ratio	Lower	Upper
164	100		
162	105.3	81.9	122.9
160	45.6	35.4	53.0

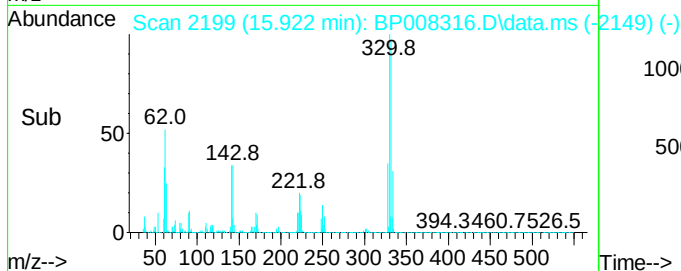
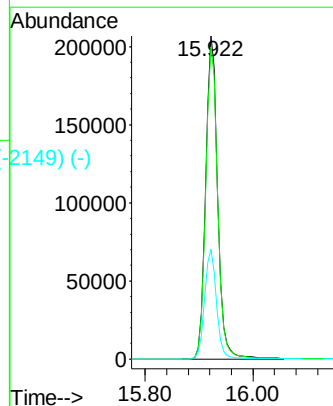
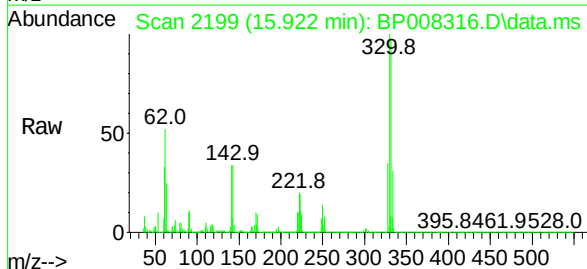


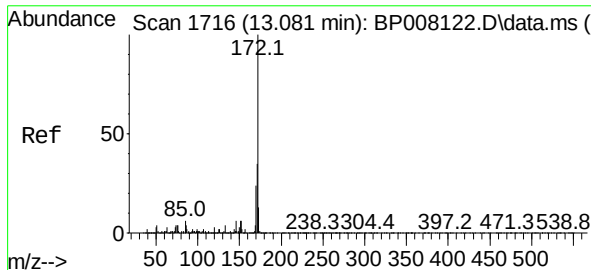
Abundance Scan 2205 (15.957 min): BP008122.D\data.ms (-2199) (-)



2,4,6-Tribromophenol
Concen: 163.71 ng
RT: 15.922 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP008316.D
Acq: 09 Dec 2021 17:45

Tgt Ion:	330	Resp:	316194
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.4
141	34.0	28.4	42.6

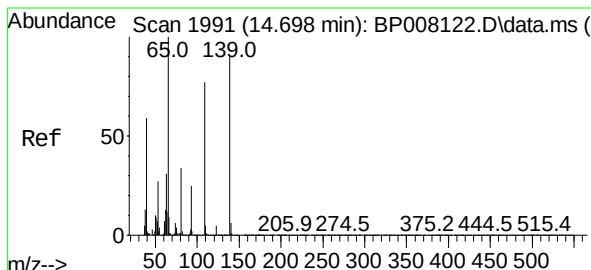
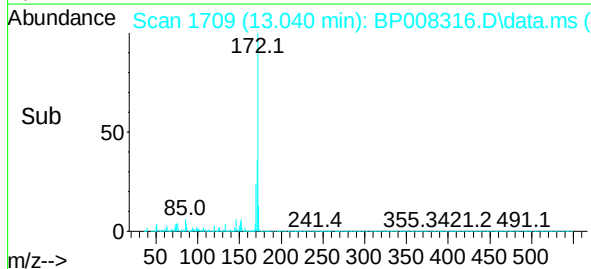
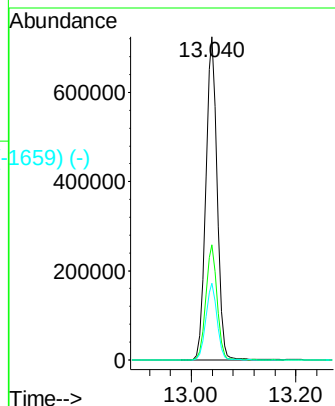
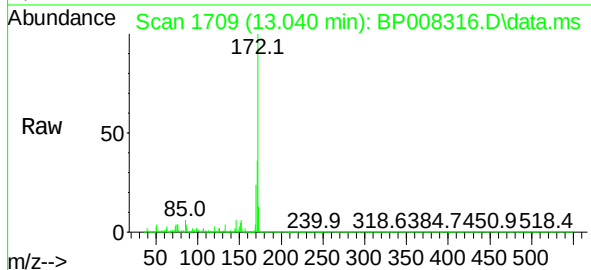




2-Fluorobiphenyl
Concen: 104.64 ng
RT: 13.040 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BP008316.D
Acq: 09 Dec 2021 17:45

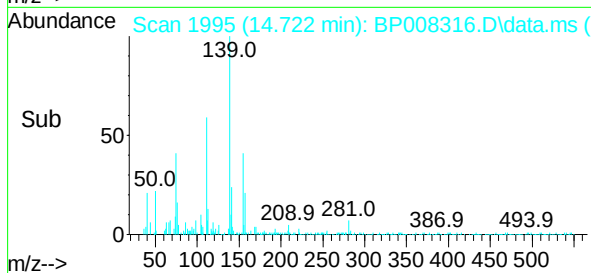
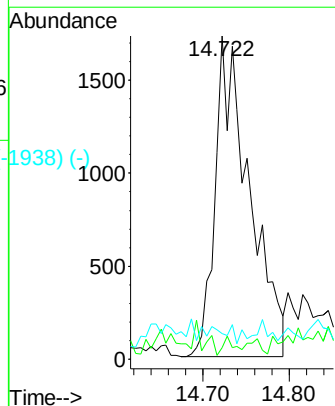
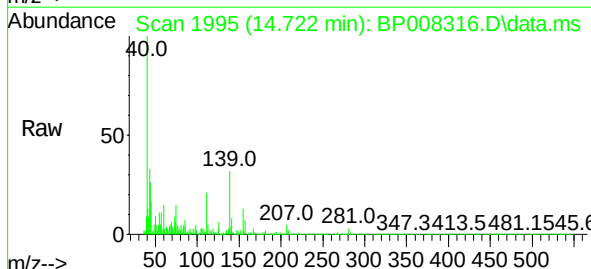
Instrument :
BNA_P
ClientSampleId :
RED-CONCRETE-COMP-EXTERIOR

Tgt Ion:172 Resp: 1088566
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.8 18.9 28.3

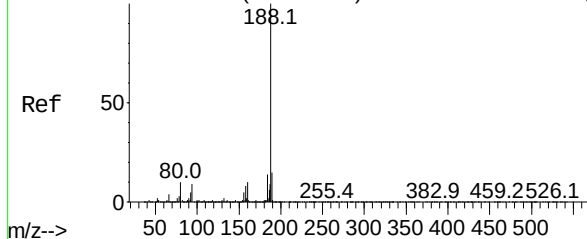


4-Nitrophenol
Concen: 2.59 ng
RT: 14.722 min Scan# 1995
Delta R.T. 0.035 min
Lab File: BP008316.D
Acq: 09 Dec 2021 17:45

Tgt Ion:139 Resp: 4736
Ion Ratio Lower Upper
139 100
109 3.5 65.9 105.9#
65 7.9 91.9 131.9#



Abundance Scan 2419 (17.216 min): BP008122.D\data.ms (-2408) (-)



Phenanthrene-d10

Concen: 20.00 ng

RT: 17.186 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BP008316.D

Acq: 09 Dec 2021 17:45

Instrument :

BNA_P

ClientSampleId :

RED-CONCRETE-COMP-EXTERIOR

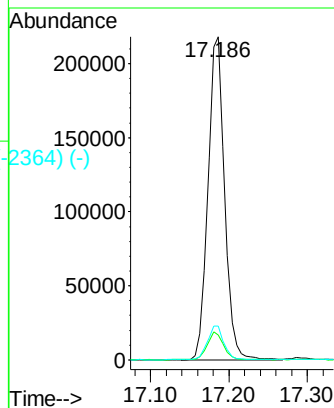
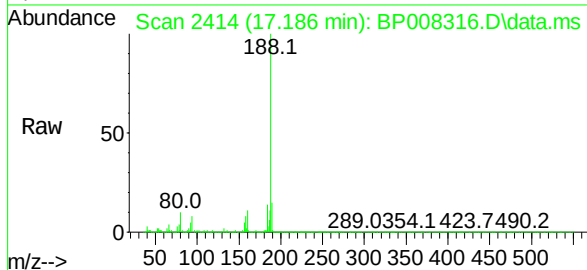
Tgt Ion:188 Resp: 321611

Ion Ratio Lower Upper

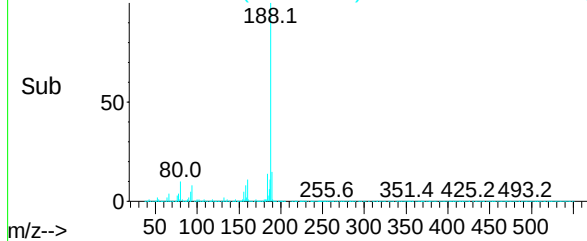
188 100

94 7.7 7.2 10.8

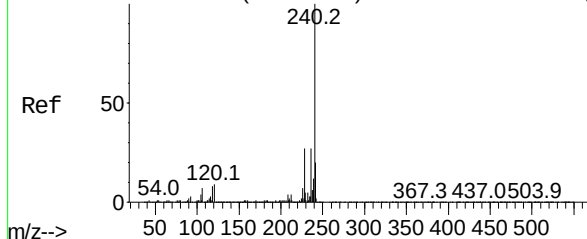
80 10.5 8.2 12.4



Abundance Scan 2414 (17.186 min): BP008316.D\data.ms (-2364) (-)



Abundance Scan 3116 (21.316 min): BP008122.D\data.ms (-3109) (-)



Chrysene-d12

Concen: 20.00 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP008316.D

Acq: 09 Dec 2021 17:45

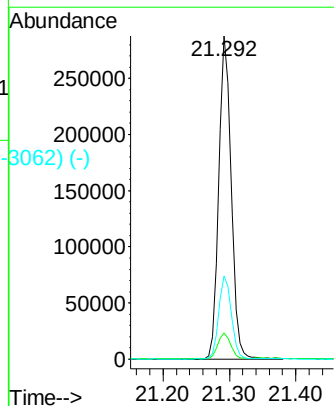
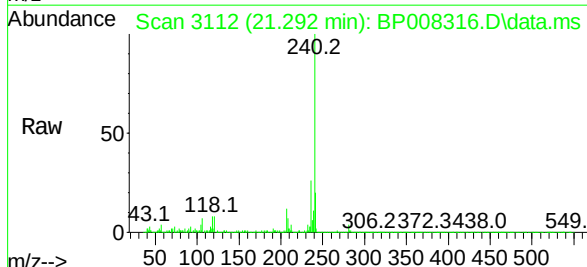
Tgt Ion:240 Resp: 370069

Ion Ratio Lower Upper

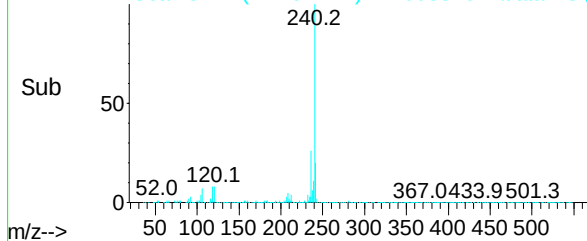
240 100

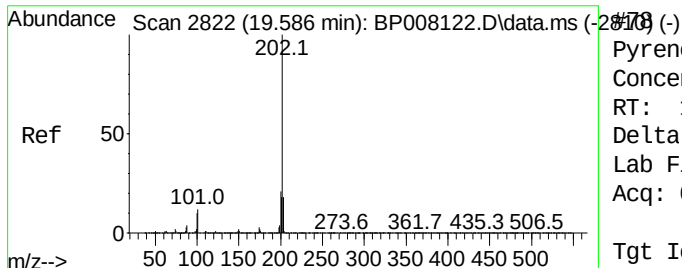
120 8.1 7.3 10.9

236 25.7 21.4 32.2



Abundance Scan 3112 (21.292 min): BP008316.D\data.ms (-3062) (-)





Pyrene

Concen: Below Cal

RT: 19.563 min Scan# 2818

Delta R.T. -0.006 min

Lab File: BP008316.D

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RED-CONCRETE-COMP-EXTERIOR

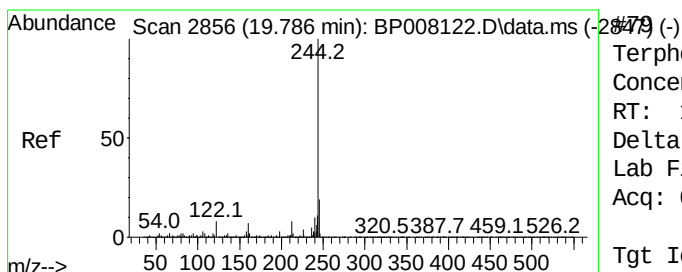
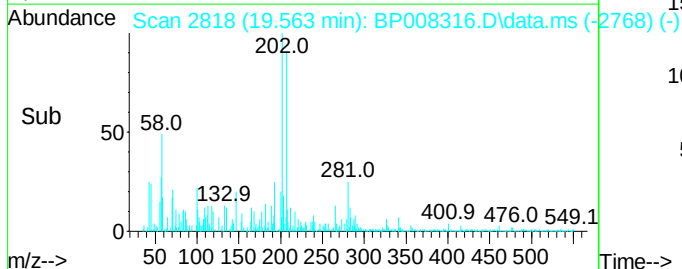
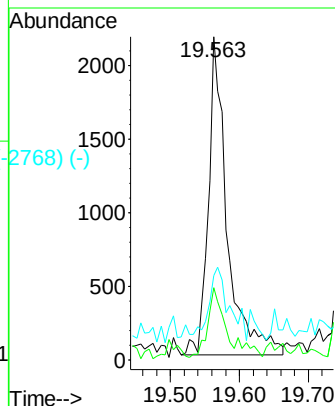
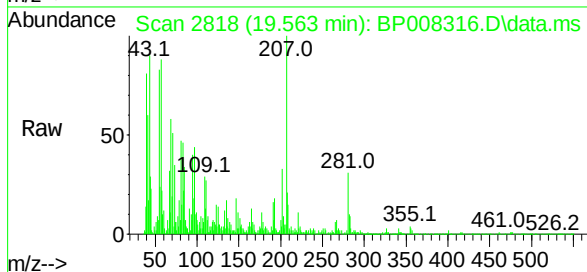
Tgt Ion:202 Resp: 4138

Ion Ratio Lower Upper

202 100

200 22.3 17.1 25.7

203 26.2 14.2 21.2#



Terphenyl-d14

Concen: 102.70 ng

RT: 19.757 min Scan# 2851

Delta R.T. -0.012 min

Lab File: BP008316.D

Acq: 09 Dec 2021 17:45

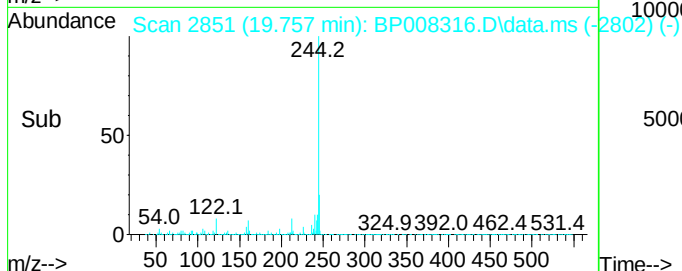
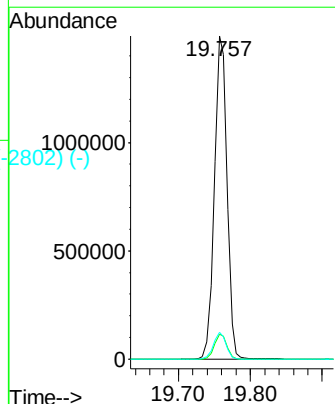
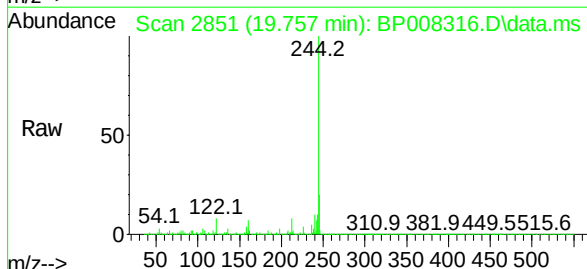
Tgt Ion:244 Resp: 1818482

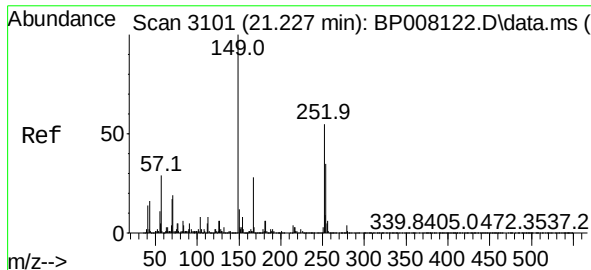
Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 8.2 6.6 9.8

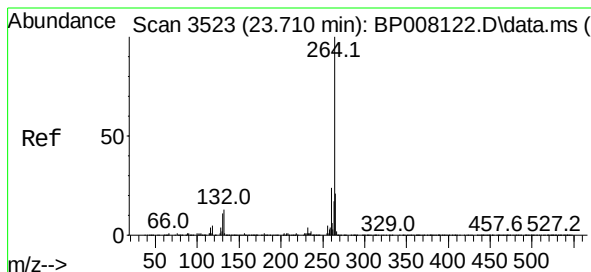
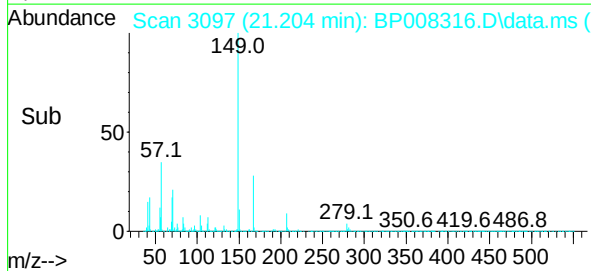
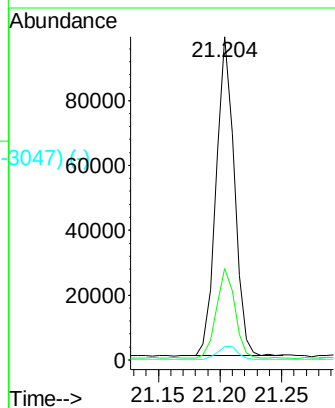
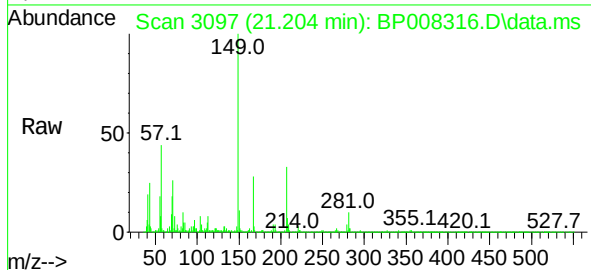




Bis(2-ethylhexyl)phthalate
 Concen: 6.28 ng
 RT: 21.204 min Scan# 3097
 Delta R.T. -0.006 min
 Lab File: BP008316.D
 Acq: 09 Dec 2021 17:45

Instrument :
 BNA_P
 ClientSampleId :
 RED-CONCRETE-COMP-EXTERIOR

Tgt Ion:	149	Resp:	100549
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	4.2	3.5	5.3



Perylene-d12
 Concen: 20.00 ng
 RT: 23.680 min Scan# 3518
 Delta R.T. -0.006 min
 Lab File: BP008316.D
 Acq: 09 Dec 2021 17:45

Tgt Ion:	264	Resp:	419474
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.3	17.6	26.4

