

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008057.D
 Acq On : 20 Nov 2021 14:54
 Operator : CG/JU
 Sample : M4731-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C-1600-FLOOD-WALL-JG

Quant Time: Nov 22 05:31:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

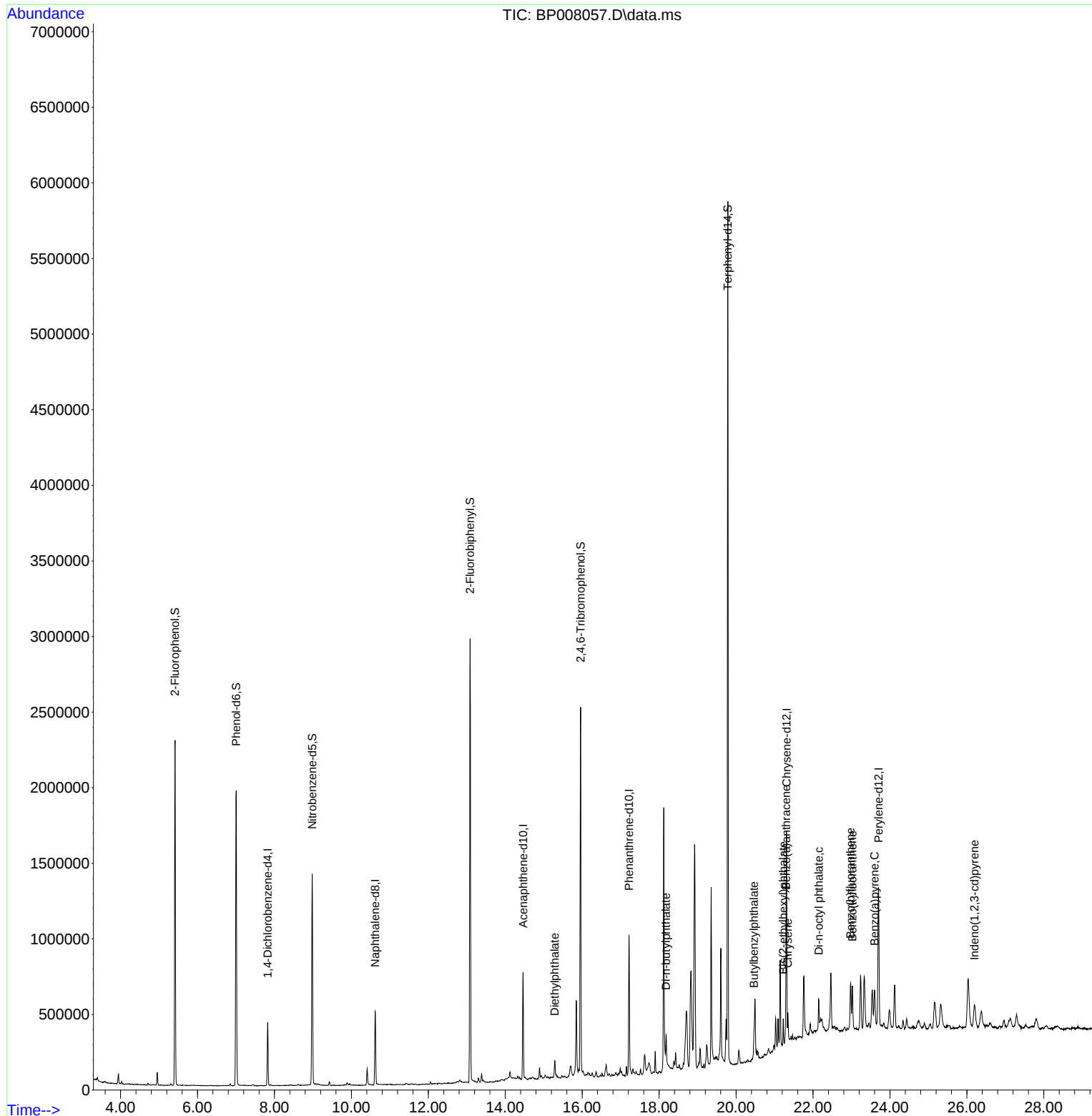
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	104066	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	381451	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	240528	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	532812	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	610105	20.000	ng	-0.01
86) Perylene-d12	23.704	264	709478	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	897838	147.467	ng	0.00
7) Phenol-d6	7.005	99	1078537	127.795	ng	0.00
23) Nitrobenzene-d5	8.981	82	804078	95.627	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	444056	145.882	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1542959	100.447	ng	0.00
79) Terphenyl-d14	19.786	244	2775372	89.437	ng	-0.01
Target Compounds						Qvalue
60) Diethylphthalate	15.287	149	87258	4.670	ng	98
74) Di-n-butylphthalate	18.181	149	141680	4.504	ng	99
80) Butylbenzylphthalate	20.463	149	36924	2.133	ng	98
81) Benzo(a)anthracene	21.298	228	99580	2.434	ng	100
83) Chrysene	21.345	228	108808	2.802	ng	96
84) Bis(2-ethylhexyl)phtha...	21.227	149	58345	2.492	ng	99
85) Di-n-octyl phthalate	22.151	149	131055	3.054	ng	# 85
87) Indeno(1,2,3-cd)pyrene	26.198	276	113861	2.313	ng	97
88) Benzo(b)fluoranthene	22.974	252	214218	4.829	ng	99
89) Benzo(k)fluoranthene	23.021	252	233642	5.294	ng	98
90) Benzo(a)pyrene	23.598	252	209684	5.640	ng	99

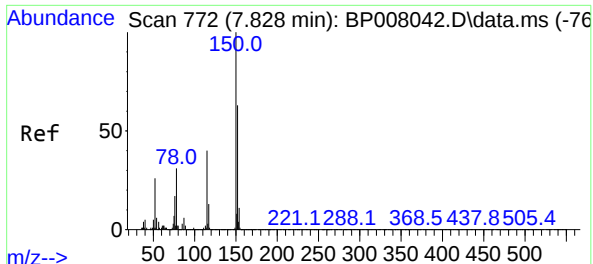
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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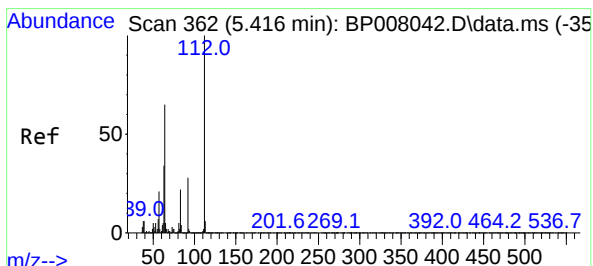
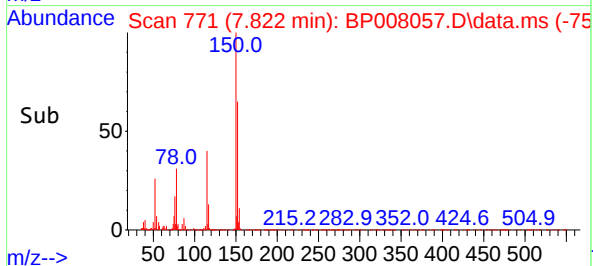
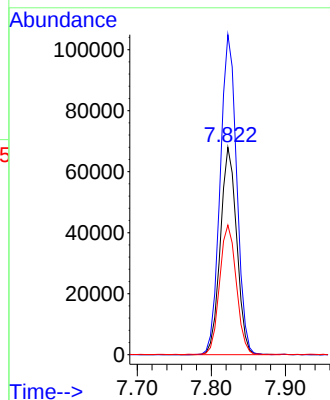
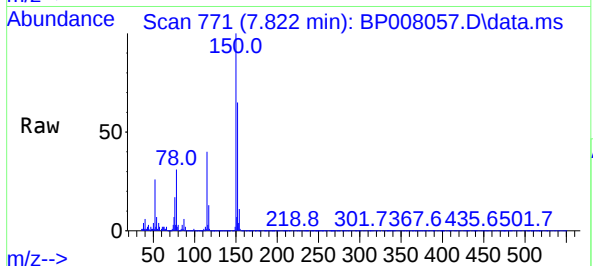




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

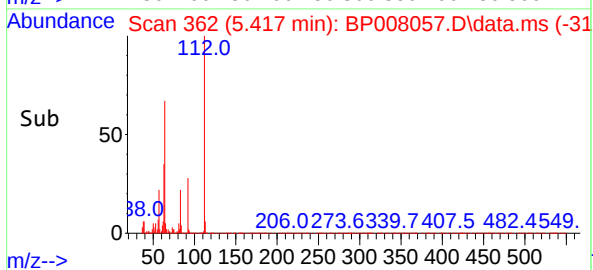
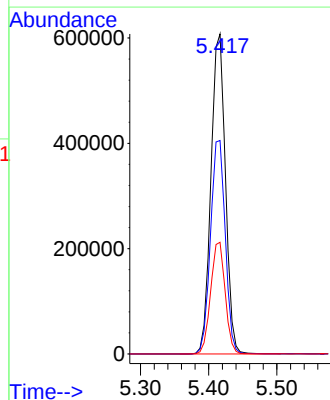
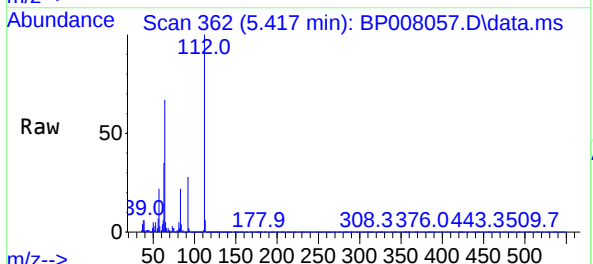
Instrument :
BNA_P
ClientSampleId :
C-1600-FLOOD-WALL-JG

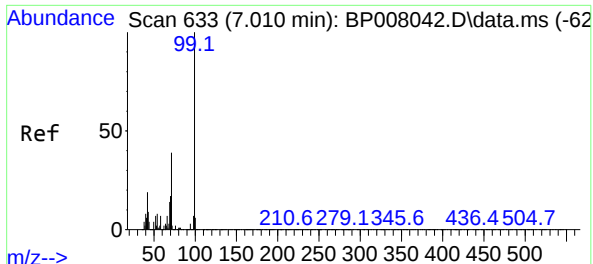
Tgt Ion:152 Resp: 104066
Ion Ratio Lower Upper
152 100
150 154.3 126.5 189.7
115 62.5 50.6 75.8



#5
2-Fluorophenol
Concen: 147.467 ng
RT: 5.417 min Scan# 362
Delta R.T. 0.001 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

Tgt Ion:112 Resp: 897838
Ion Ratio Lower Upper
112 100
64 66.7 51.7 77.5
63 34.9 27.4 41.0



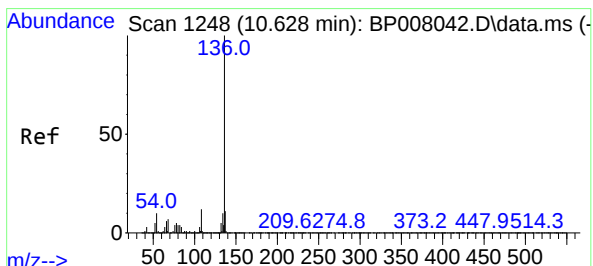
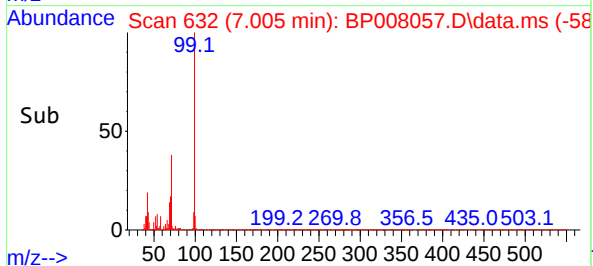
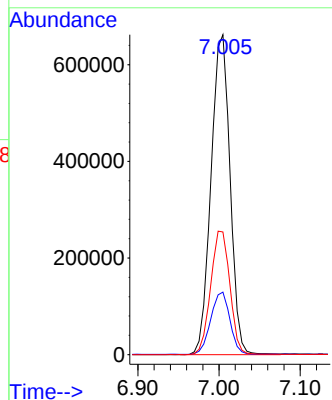
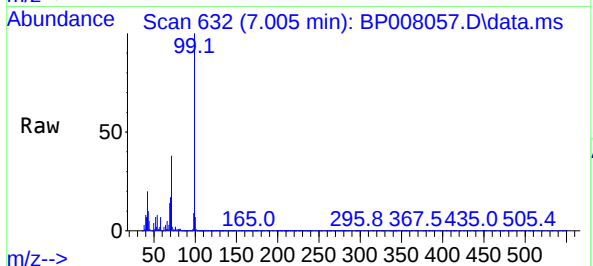


#7
Phenol-d6
Concen: 127.795 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

Instrument :
BNA_P
ClientSampleId :
C-1600-FLOOD-WALL-JG

Tgt Ion: 99 Resp: 1078537

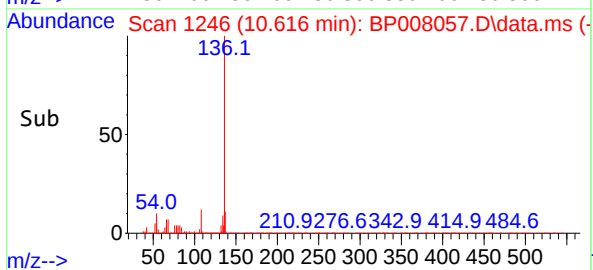
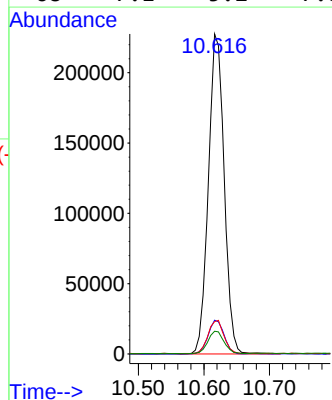
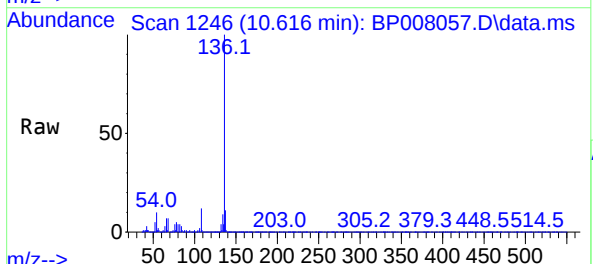
Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.4	23.2
71	38.4	31.0	46.6

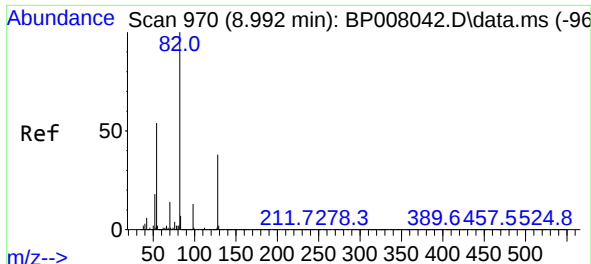


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

Tgt Ion: 136 Resp: 381451

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	10.1	8.0	12.0
68	7.1	5.2	7.8

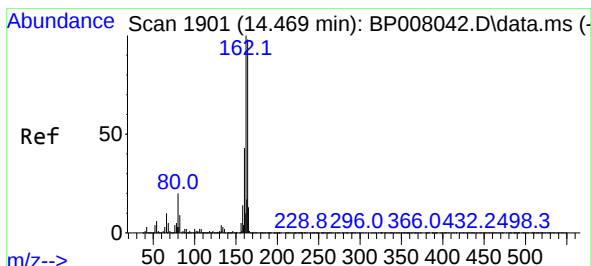
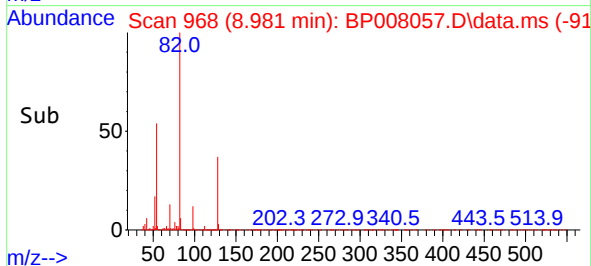
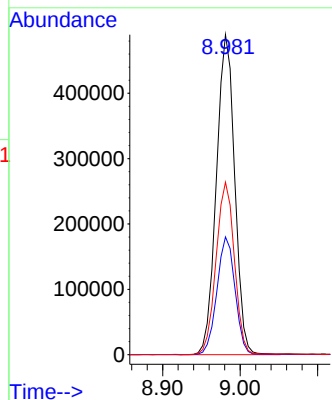
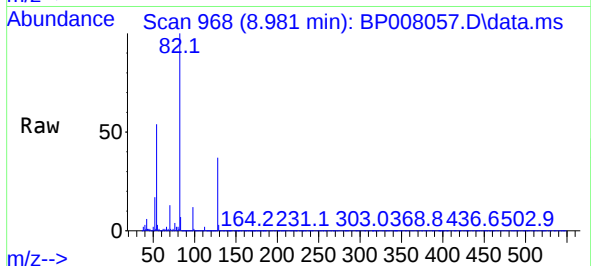




#23
Nitrobenzene-d5
Concen: 95.627 ng
RT: 8.981 min Scan# 90
Delta R.T. -0.011 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

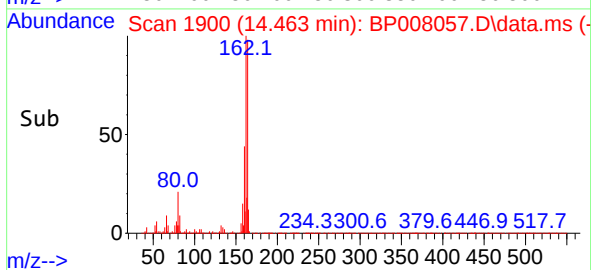
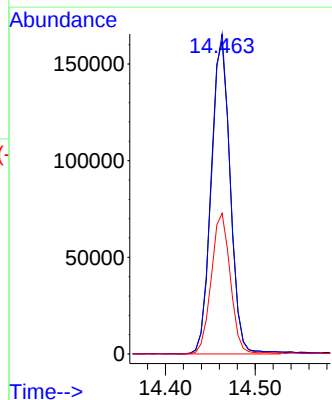
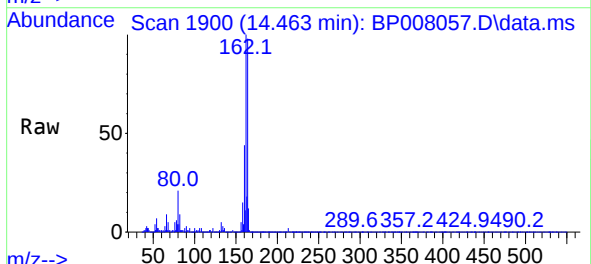
Instrument :
BNA_P
ClientSampleId :
C-1600-FLOOD-WALL-JG

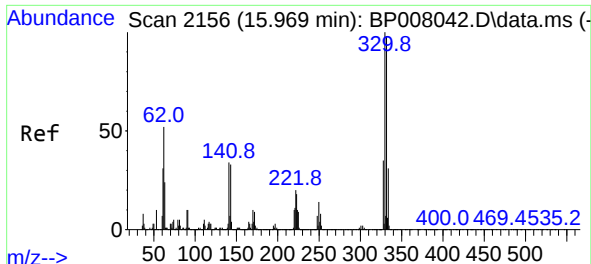
Tgt Ion: 82 Resp: 804078
Ion Ratio Lower Upper
82 100
128 36.8 30.2 45.2
54 53.9 43.1 64.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

Tgt Ion: 164 Resp: 240528
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.8
160 44.9 35.1 52.7

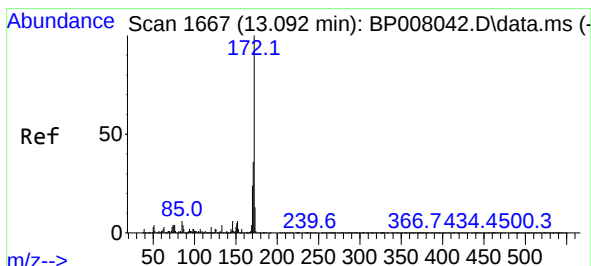
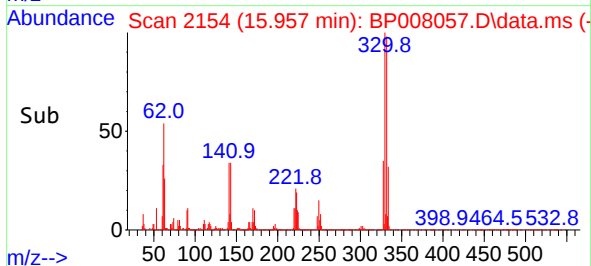
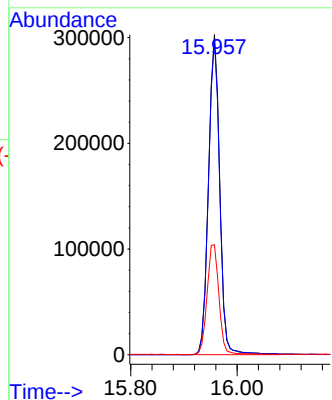
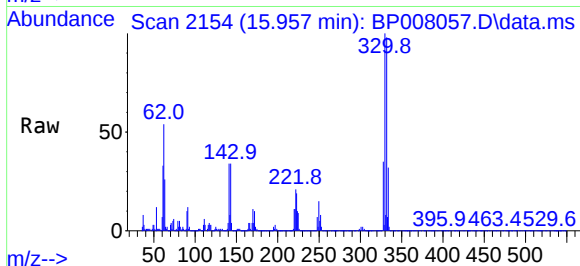




#42
2,4,6-Tribromophenol
Concen: 145.882 ng
RT: 15.957 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

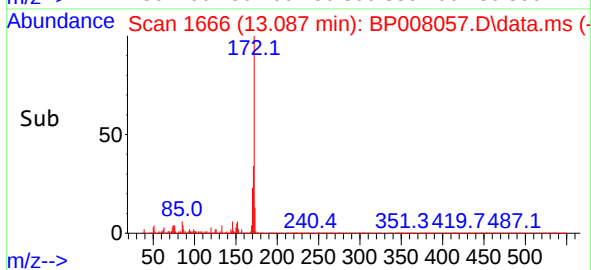
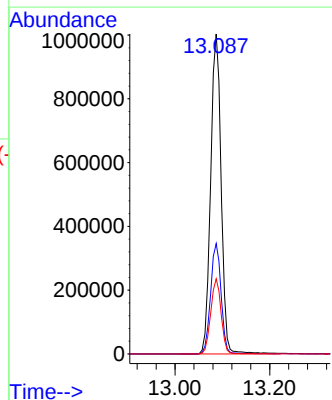
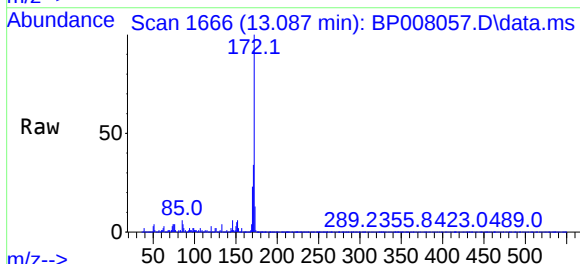
Instrument :
BNA_P
ClientSampleId :
C-1600-FLOOD-WALL-JG

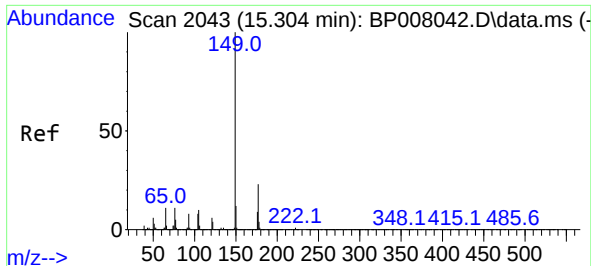
Tgt Ion:330 Resp: 444056
Ion Ratio Lower Upper
330 100
332 98.1 78.0 117.0
141 36.1 29.6 44.4



#45
2-Fluorobiphenyl
Concen: 100.447 ng
RT: 13.087 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

Tgt Ion:172 Resp: 1542959
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.5 19.0 28.4

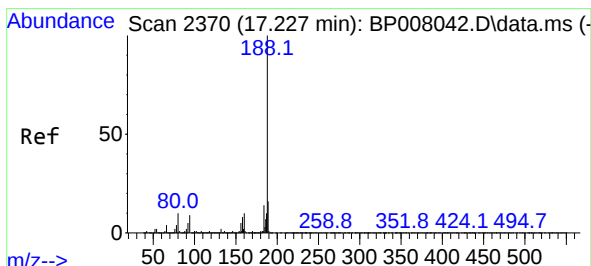
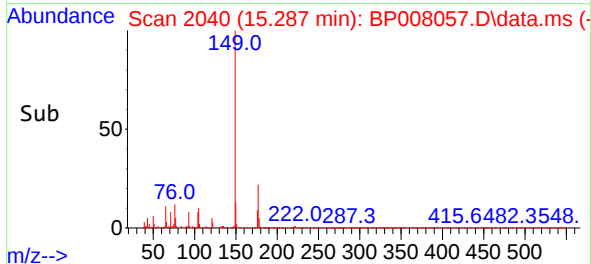
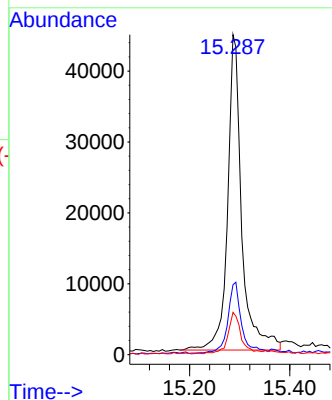
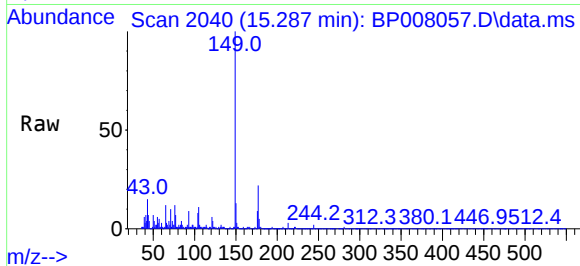




#60
Diethylphthalate
Concen: 4.670 ng
RT: 15.287 min Scan# 2043
Delta R.T. -0.017 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

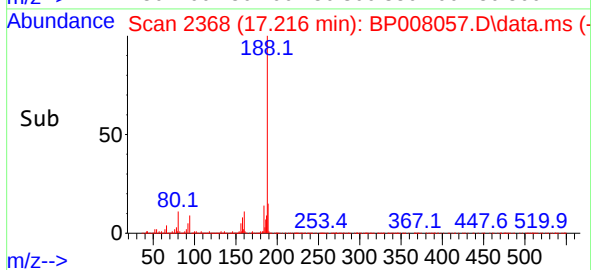
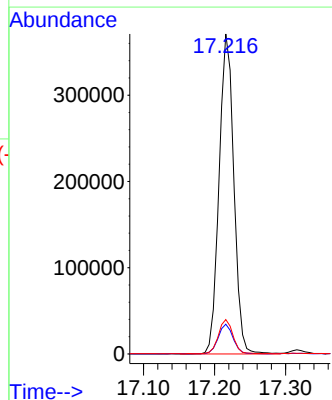
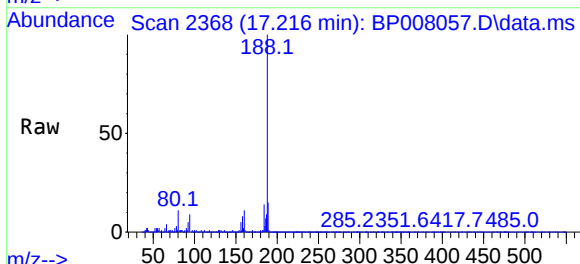
Instrument :
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ClientSampleId :
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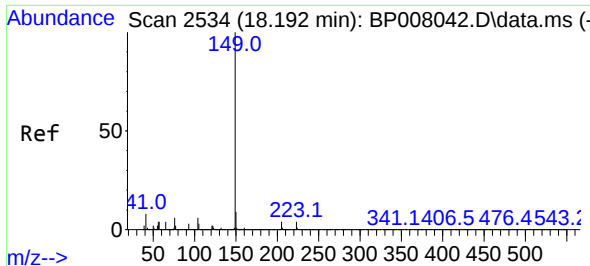
Tgt Ion:	149	Resp:	87258
Ion Ratio	Lower	Upper	
149	100		
177	21.9	18.3	27.5
150	13.2	10.0	15.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2368
Delta R.T. -0.011 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

Tgt Ion:	188	Resp:	532812
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.1	10.7
80	10.8	8.1	12.1

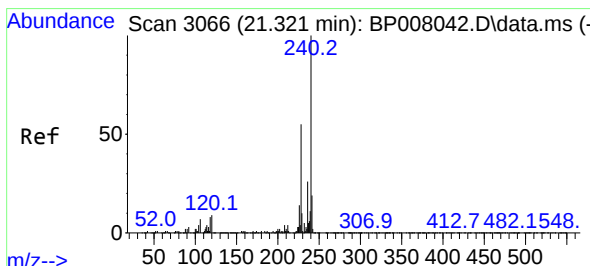
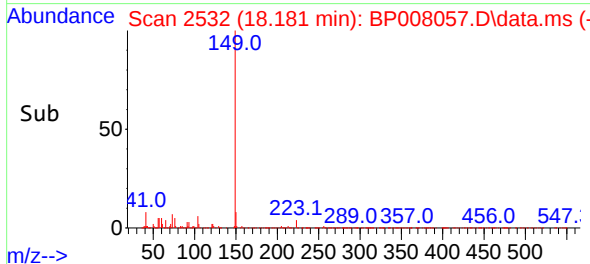
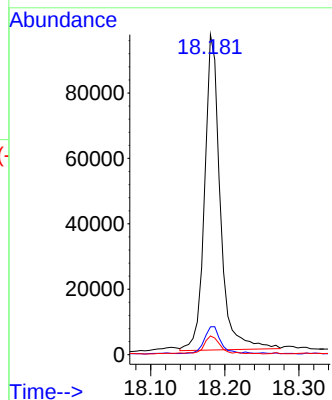
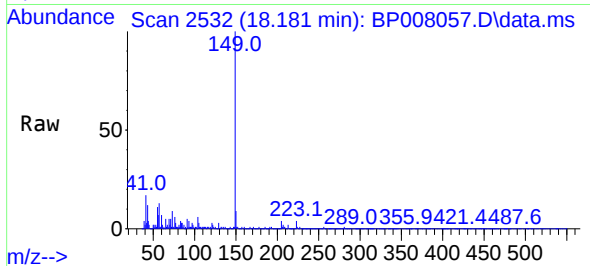




#74
Di-n-butylphthalate
Concen: 4.504 ng
RT: 18.181 min Scan# 2532
Delta R.T. -0.011 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

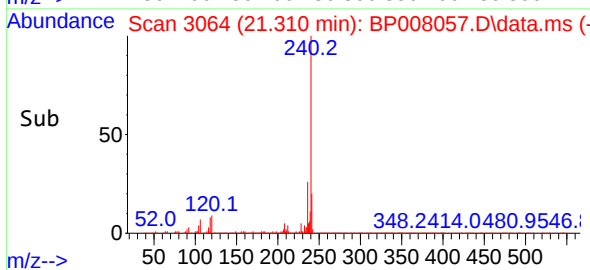
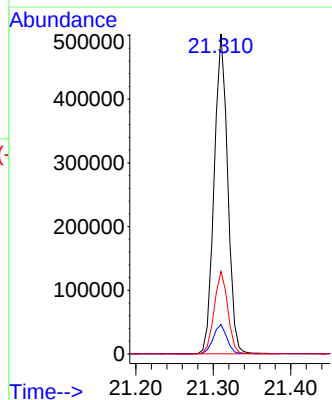
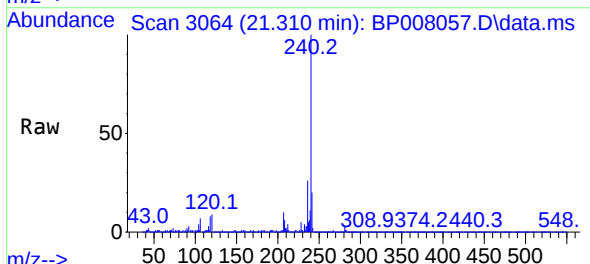
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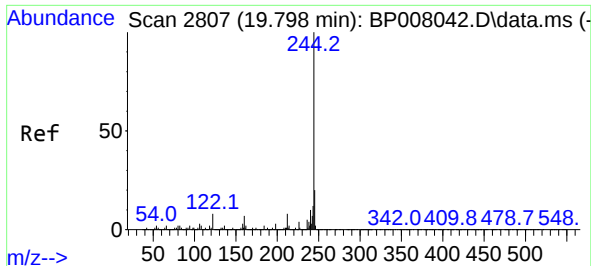
Tgt Ion:149 Resp: 141680
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.2
104 5.9 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3064
Delta R.T. -0.011 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

Tgt Ion:240 Resp: 610105
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.2
236 25.8 21.0 31.4

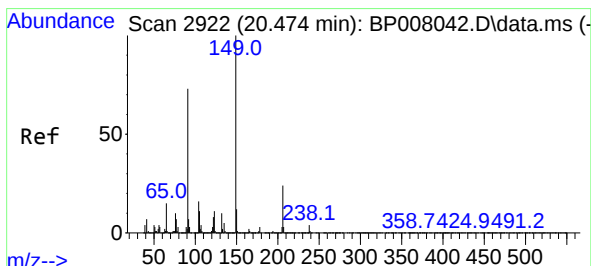
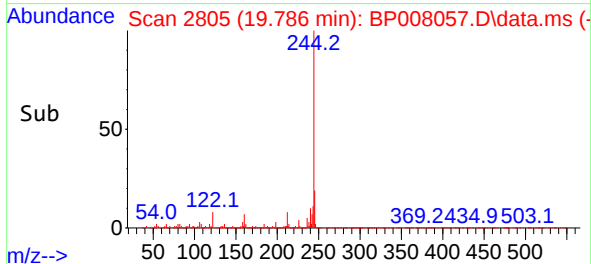
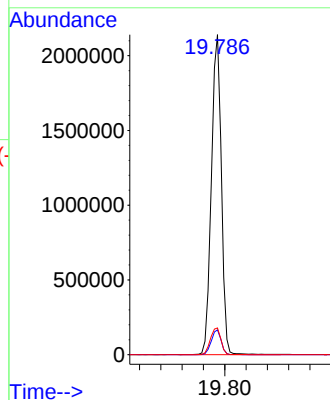
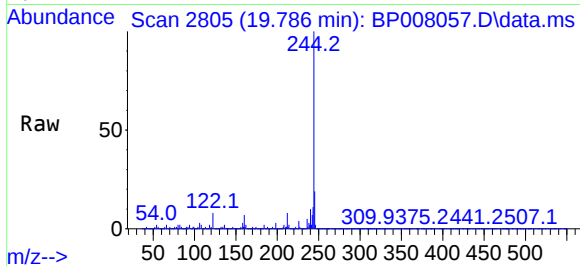




#79
 Terphenyl-d14
 Concen: 89.437 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008057.D
 Acq: 20 Nov 2021 14:54

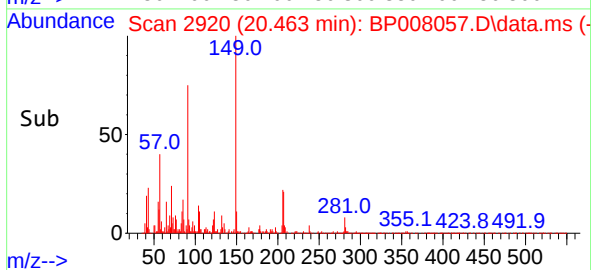
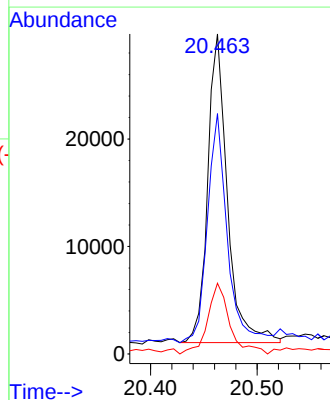
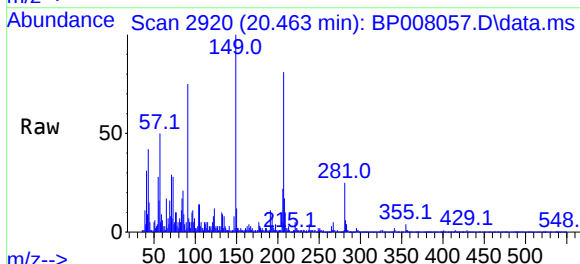
Instrument :
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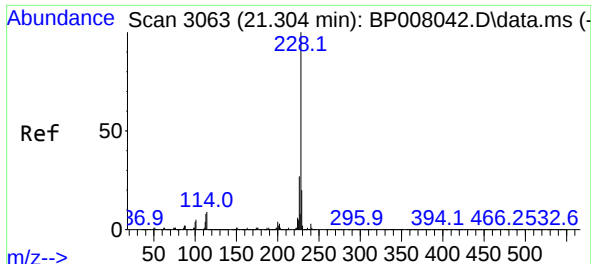
Tgt Ion:244 Resp: 2775372
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.4 6.1 9.1



#80
 Butylbenzylphthalate
 Concen: 2.133 ng
 RT: 20.463 min Scan# 2920
 Delta R.T. -0.011 min
 Lab File: BP008057.D
 Acq: 20 Nov 2021 14:54

Tgt Ion:149 Resp: 36924
 Ion Ratio Lower Upper
 149 100
 91 75.1 58.6 88.0
 206 22.1 19.0 28.6

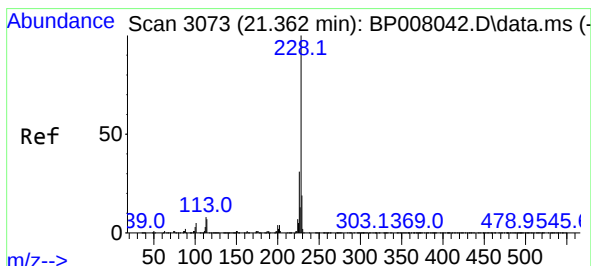
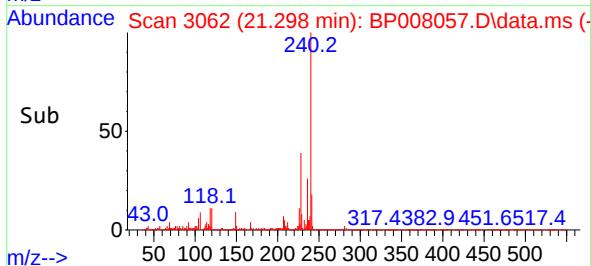
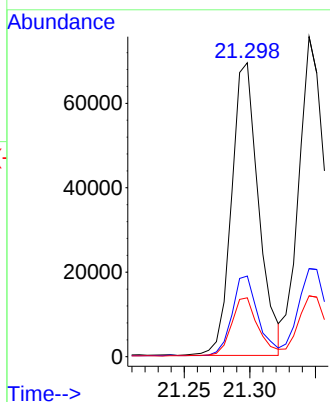
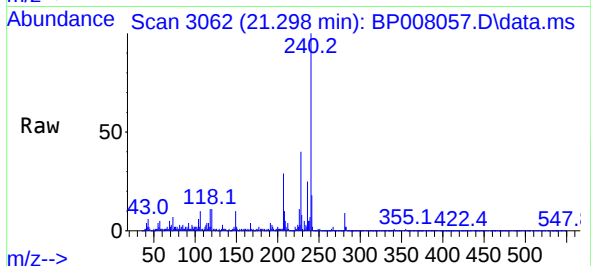




#81
Benzo(a)anthracene
Concen: 2.434 ng
RT: 21.298 min Scan# 3062
Delta R.T. -0.006 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

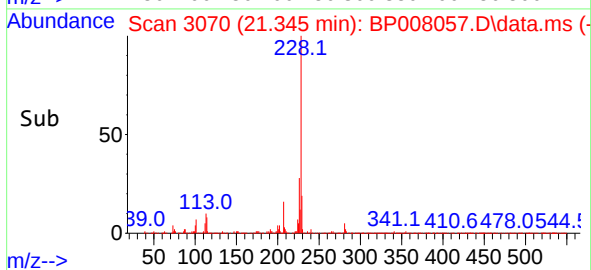
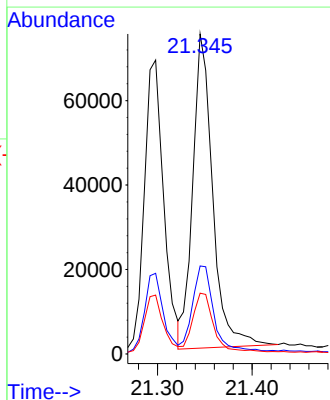
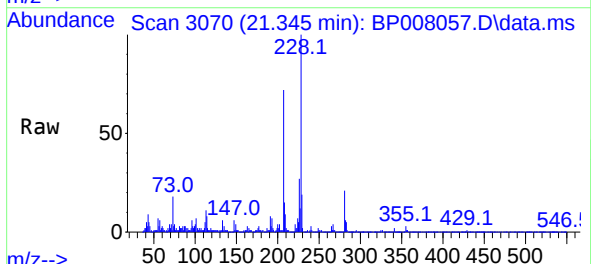
Instrument :
BNA_P
ClientSampleId :
C-1600-FLOOD-WALL-JG

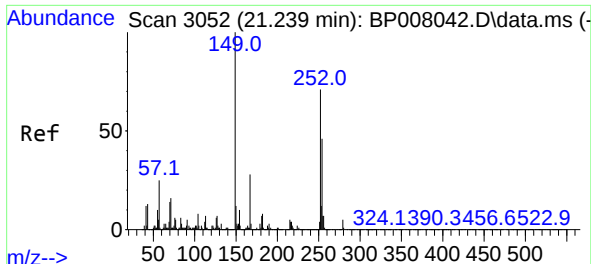
Tgt Ion:228 Resp: 99580
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.0 16.1 24.1



#83
Chrysene
Concen: 2.802 ng
RT: 21.345 min Scan# 3070
Delta R.T. -0.017 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

Tgt Ion:228 Resp: 108808
Ion Ratio Lower Upper
228 100
226 27.5 24.5 36.7
229 19.0 15.5 23.3

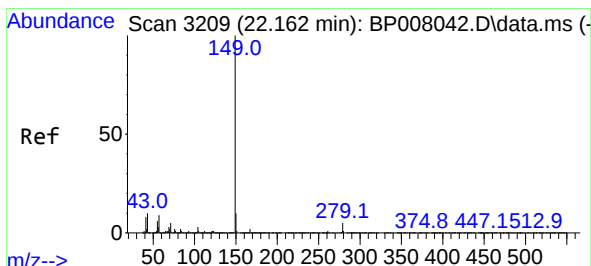
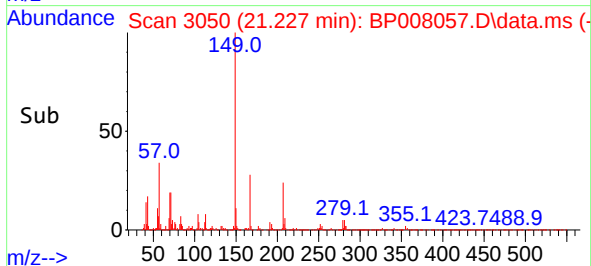
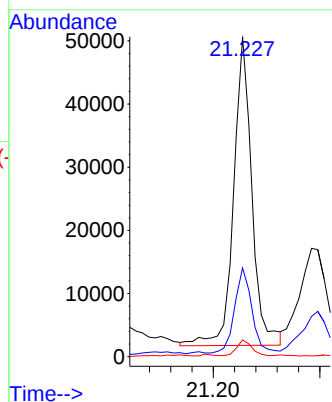
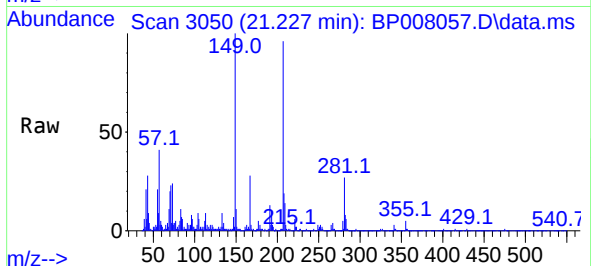




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.492 ng
RT: 21.227 min Scan# 3050
Delta R.T. -0.012 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

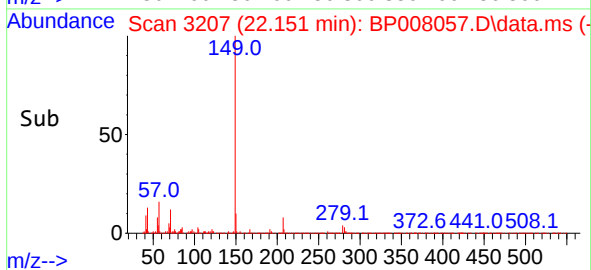
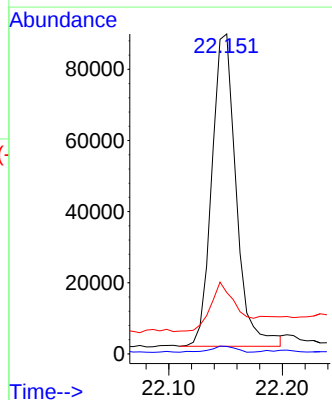
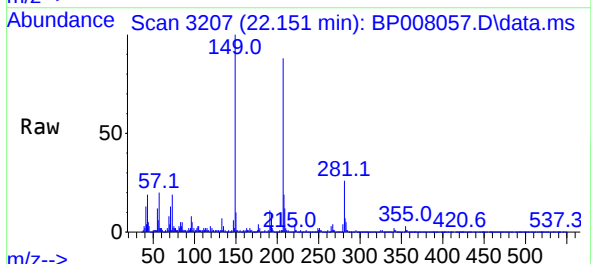
Instrument :
BNA_P
ClientSampleId :
C-1600-FLOOD-WALL-JG

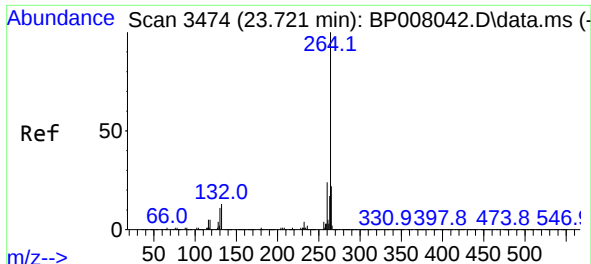
Tgt Ion:149 Resp: 58345
Ion Ratio Lower Upper
149 100
167 27.7 22.7 34.1
279 5.2 4.0 6.0



#85
Di-n-octyl phthalate
Concen: 3.054 ng
RT: 22.151 min Scan# 3207
Delta R.T. -0.011 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

Tgt Ion:149 Resp: 131055
Ion Ratio Lower Upper
149 100
167 2.0 1.3 1.9#
43 16.5 8.0 12.0#

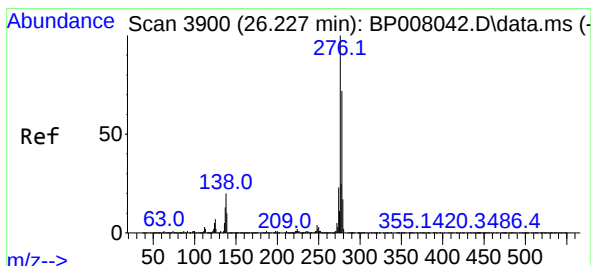
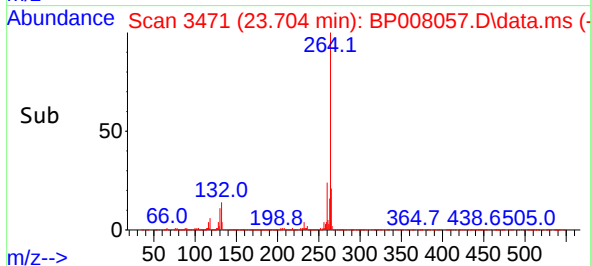
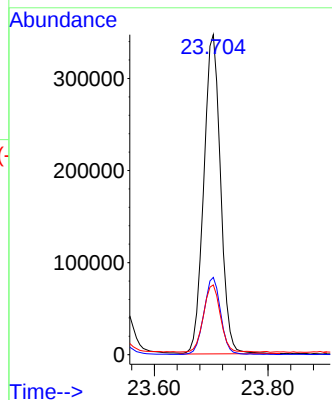
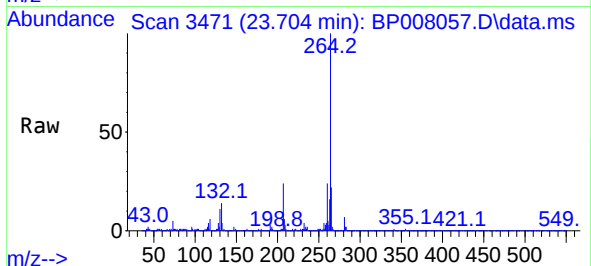




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 34
Delta R.T. -0.017 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

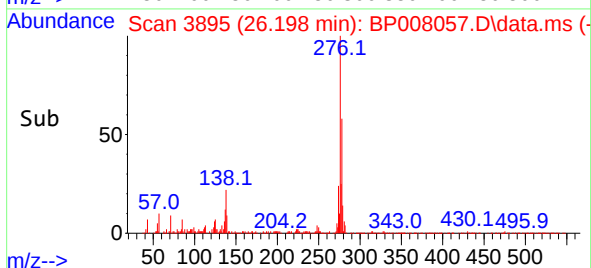
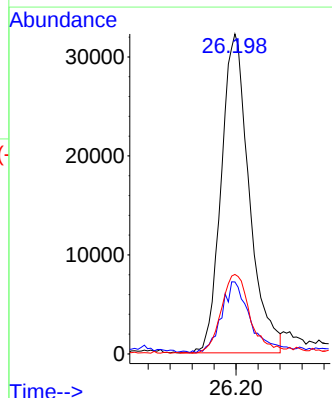
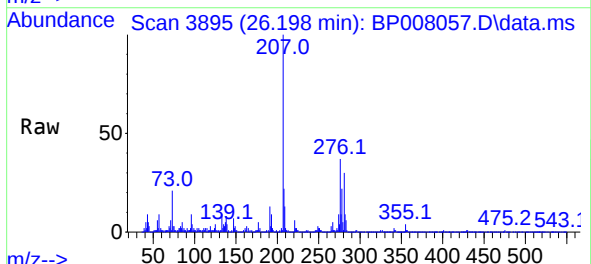
Instrument :
BNA_P
ClientSampleId :
C-1600-FLOOD-WALL-JG

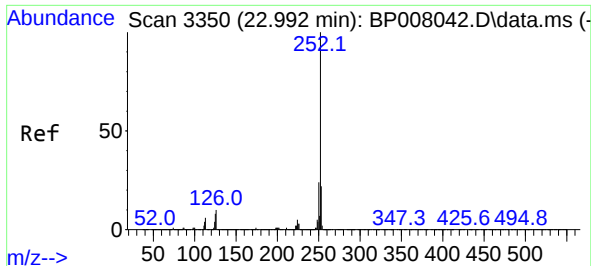
Tgt Ion:264 Resp: 709478
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.8 17.7 26.5



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.313 ng
RT: 26.198 min Scan# 3895
Delta R.T. -0.029 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

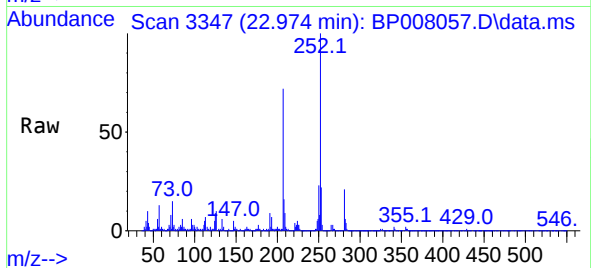
Tgt Ion:276 Resp: 113861
Ion Ratio Lower Upper
276 100
138 23.2 16.5 24.7
277 25.5 20.2 30.4



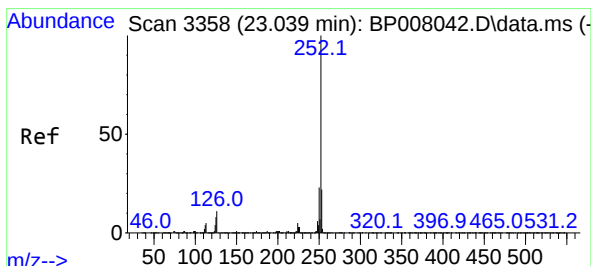
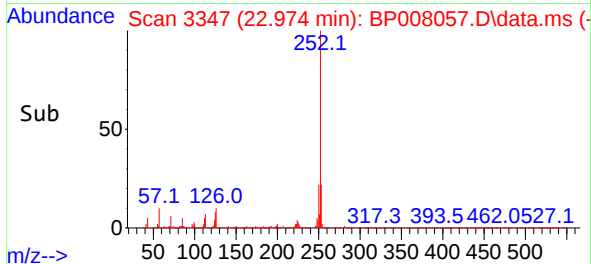
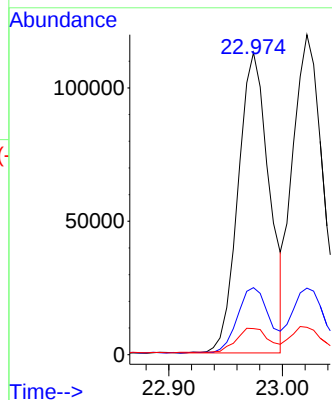


#88
Benzo(b)fluoranthene
Concen: 4.829 ng
RT: 22.974 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

Instrument :
BNA_P
ClientSampleId :
C-1600-FLOOD-WALL-JG

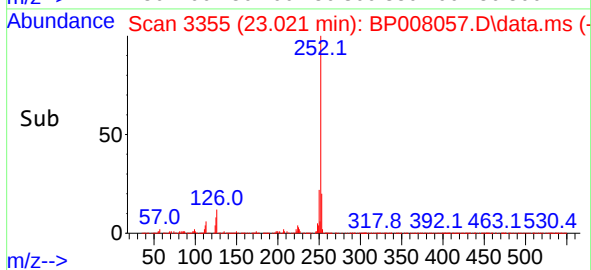
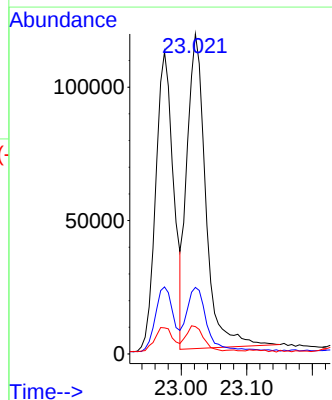
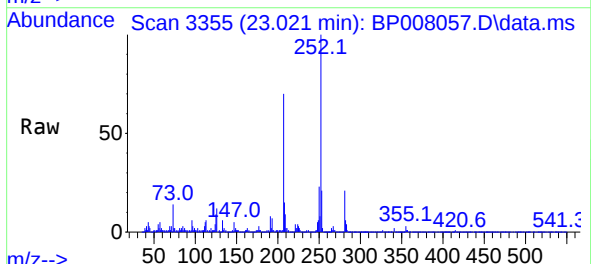


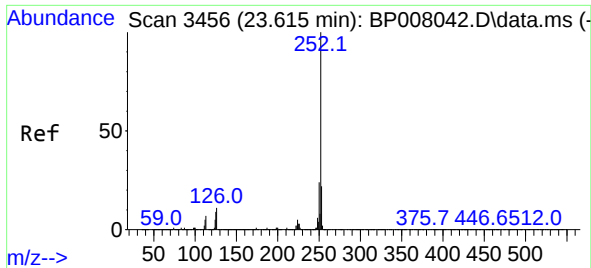
Tgt Ion:252 Resp: 214218
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 8.7 6.1 9.1



#89
Benzo(k)fluoranthene
Concen: 5.294 ng
RT: 23.021 min Scan# 3355
Delta R.T. -0.018 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

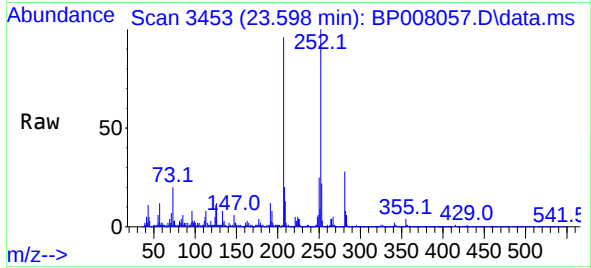
Tgt Ion:252 Resp: 233642
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.0
125 8.6 6.2 9.4





#90
Benzo(a)pyrene
Concen: 5.640 ng
RT: 23.598 min Scan# 34
Delta R.T. -0.017 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

Instrument :
BNA_P
ClientSampleId :
C-1600-FLOOD-WALL-JG



Tgt Ion:252 Resp: 209684
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.7 7.4 11.2

