

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)

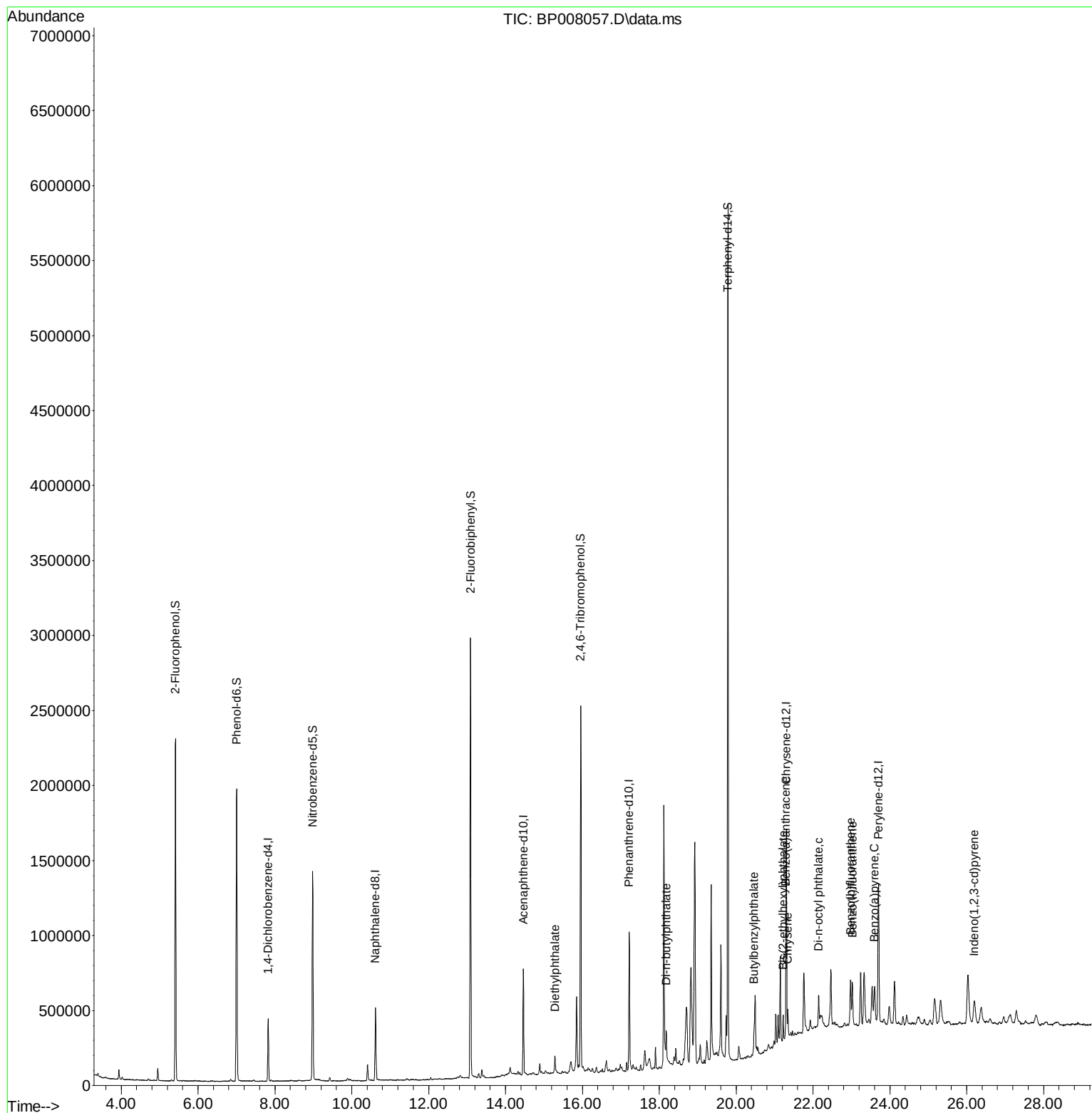
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	104066	20.00	ng	0.00
21) Naphthalene-d8	10.616	136	381451	20.00	ng	-0.01
39) Acenaphthene-d10	14.463	164	240528	20.00	ng	0.00
64) Phenanthrene-d10	17.216	188	532812	20.00	ng	-0.01
76) Chrysene-d12	21.310	240	610105	20.00	ng	-0.01
86) Perylene-d12	23.704	264	709478	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	897838	147.47	ng	0.00
7) Phenol-d6	7.005	99	1078537	127.80	ng	0.00
23) Nitrobenzene-d5	8.981	82	804078	95.63	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	444056	145.88	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1542959	100.45	ng	0.00
79) Terphenyl-d14	19.786	244	2775372	89.44	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.005	77	2640	Below Cal	#	10
58) Fluorene	15.516	166	2356	Below Cal	#	77
60) Diethylphthalate	15.287	149	87258	4.67	ng	98
61) 4-Chlorophenyl-phenyle...	15.504	204	261	Below Cal	#	34
74) Di-n-butylphthalate	18.181	149	141680	4.50	ng	99
80) Butylbenzylphthalate	20.463	149	36924	2.13	ng	98
81) Benzo(a)anthracene	21.298	228	99580	2.43	ng	100
82) 3,3'-Dichlorobenzidine	21.233	252	2919	Below Cal	#	84
83) Chrysene	21.345	228	108808	2.80	ng	96
84) Bis(2-ethylhexyl)phtha...	21.227	149	58345	2.49	ng	99
85) Di-n-octyl phthalate	22.151	149	131055	3.05	ng	# 85
87) Indeno(1,2,3-cd)pyrene	26.198	276	113861	2.31	ng	97
88) Benzo(b)fluoranthene	22.974	252	214218	4.83	ng	99
89) Benzo(k)fluoranthene	23.021	252	233642	5.29	ng	98
90) Benzo(a)pyrene	23.598	252	209684	5.64	ng	99

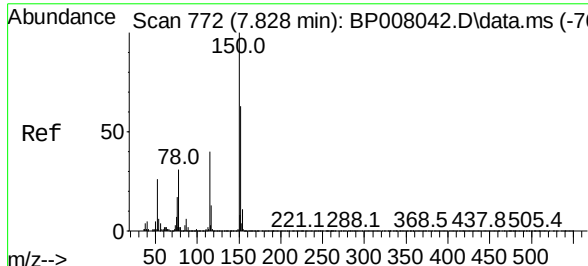
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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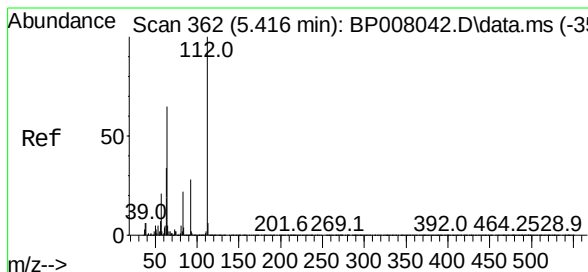
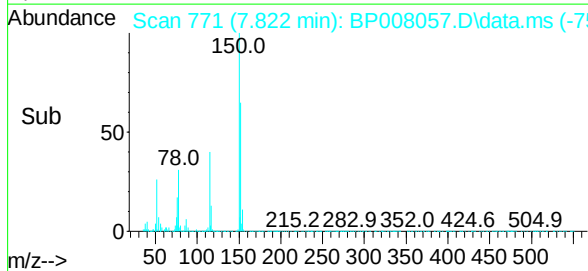
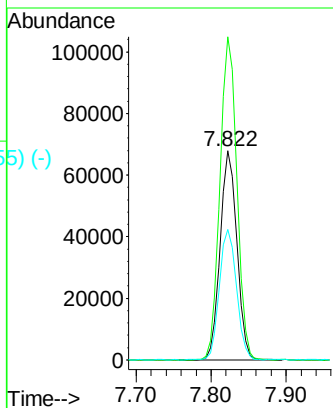
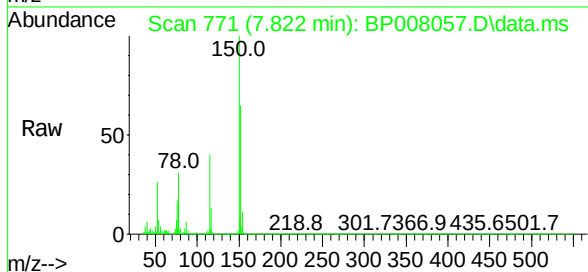




Scan 772 (7.828 min): BP008042.D\data.ms (-763) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.822 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP008057.D
 Acq: 20 Nov 2021 14:54

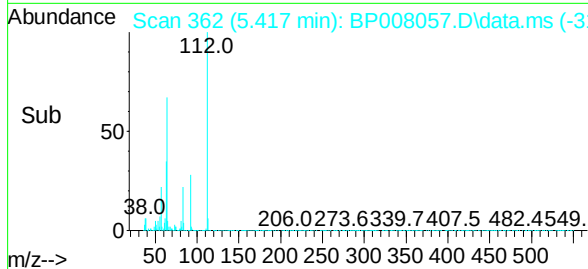
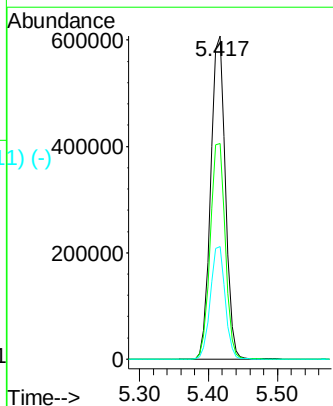
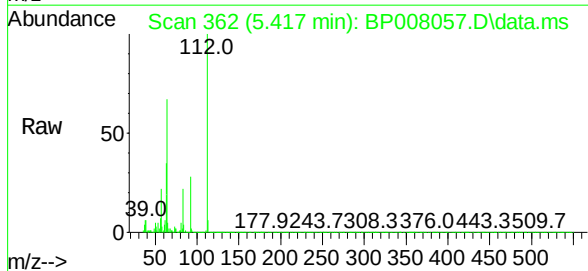
Instrument :
 BNA_P
 ClientSampleId :
 C-1600-FLOOD-WALL-JG

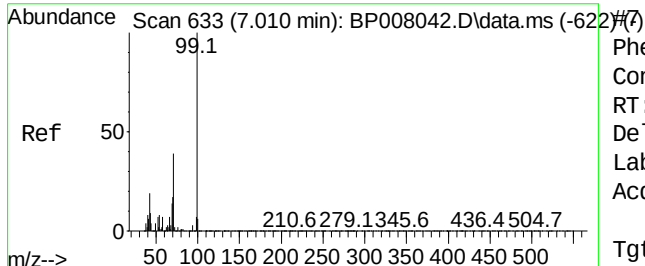
Tgt Ion:	152	Resp:	104066
Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.5	189.7
115	62.5	50.6	75.8



Scan 362 (5.416 min): BP008042.D\data.ms (-350) #5
 2-Fluorophenol
 Concen: 147.47 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





Phenol-d6

Concen: 127.80 ng

RT: 7.005 min Scan#

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

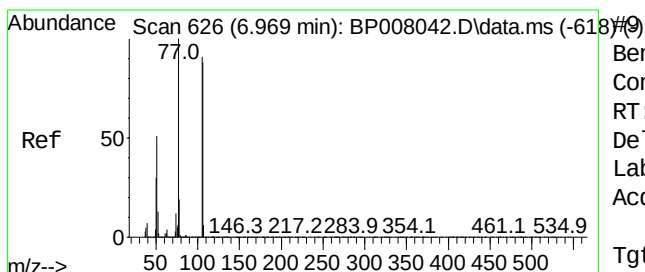
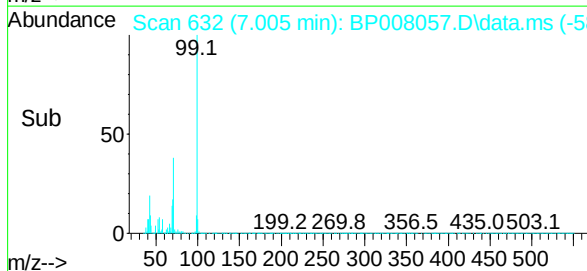
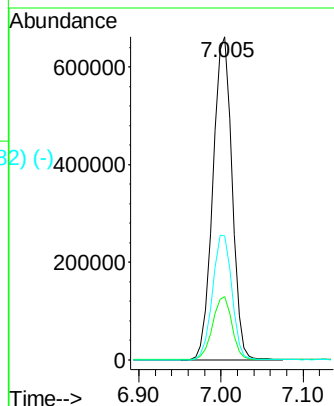
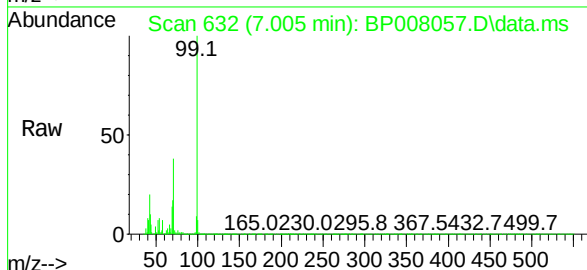
Tgt Ion: 99 Resp: 1078537

Ion Ratio Lower Upper

99 100

42 19.5 15.4 23.2

71 38.4 31.0 46.6



Benzaldehyde

Concen: Below Cal

RT: 7.005 min Scan# 632

Delta R.T. 0.036 min

Lab File: BP008057.D

Acq: 20 Nov 2021 14:54

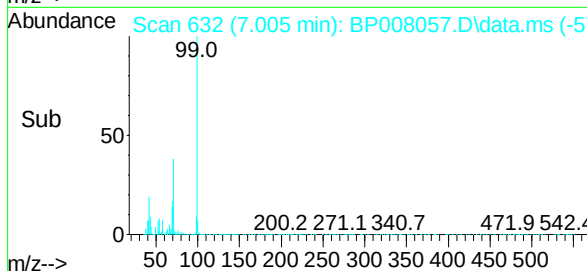
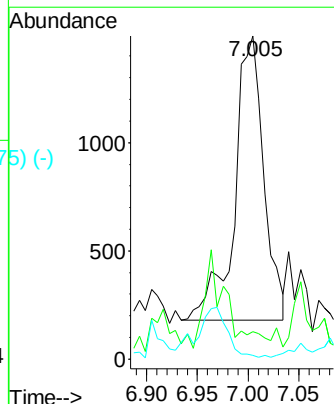
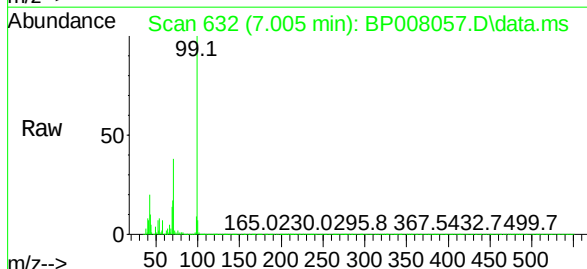
Tgt Ion: 77 Resp: 2640

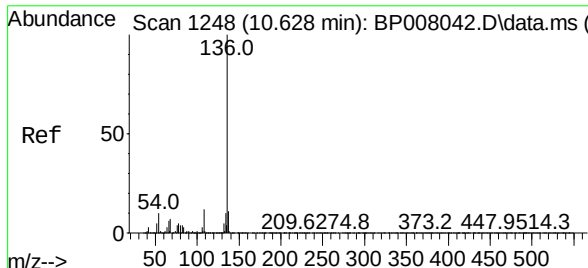
Ion Ratio Lower Upper

77 100

105 8.5 71.5 111.5#

106 1.1 67.9 107.9#





Naphthalene-d8

Concen: 20.00 ng

RT: 10.616 min Scan#

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:136 Resp: 381451

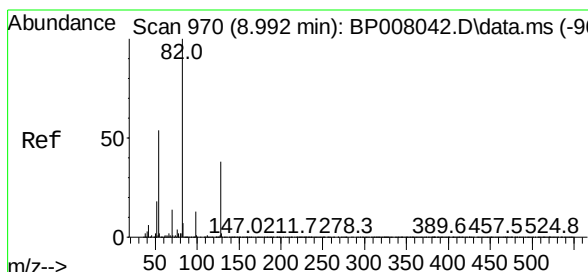
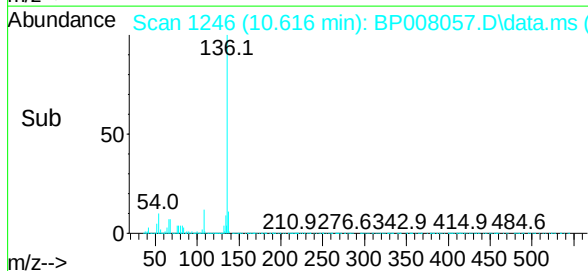
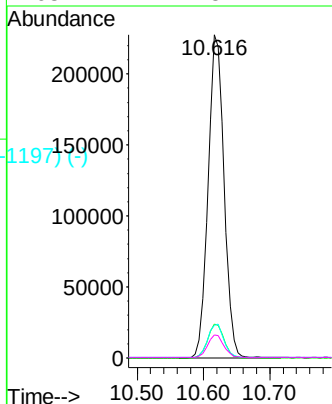
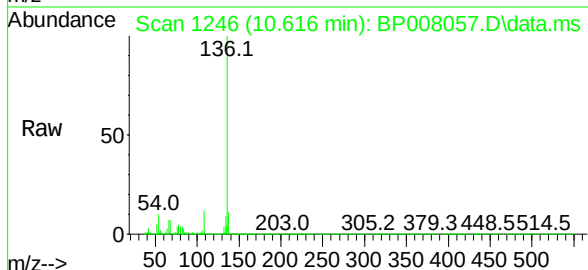
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 10.1 8.0 12.0

68 7.1 5.2 7.8



Nitrobenzene-d5

Concen: 95.63 ng

RT: 8.981 min Scan# 968

Delta R.T. -0.011 min

Lab File: BP008057.D

Acq: 20 Nov 2021 14:54

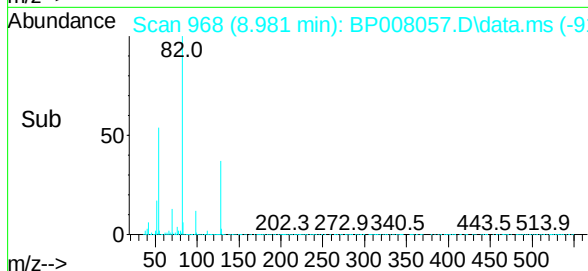
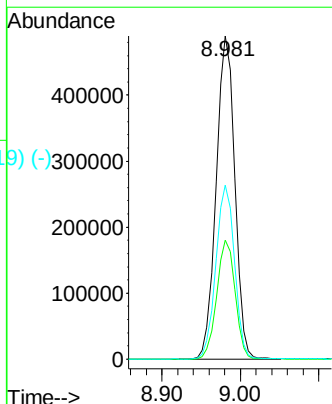
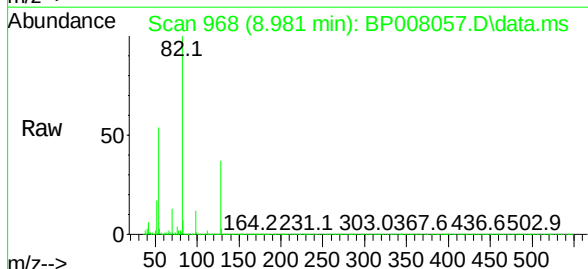
Tgt Ion: 82 Resp: 804078

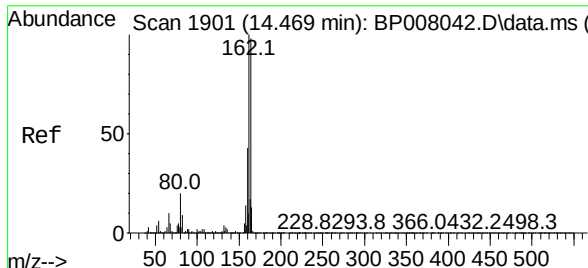
Ion Ratio Lower Upper

82 100

128 36.8 30.2 45.2

54 53.9 43.1 64.7

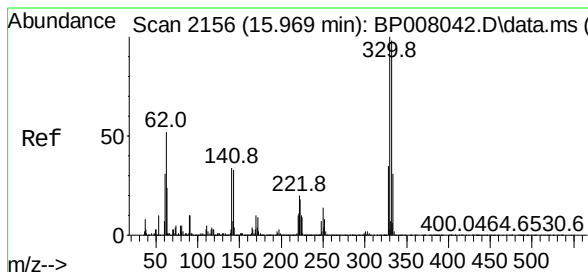
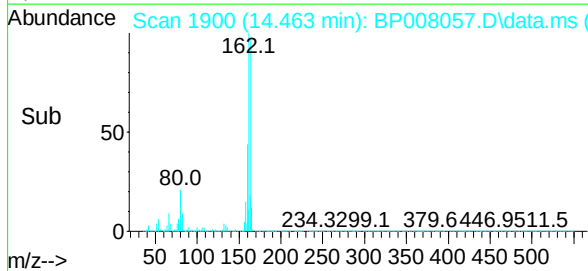
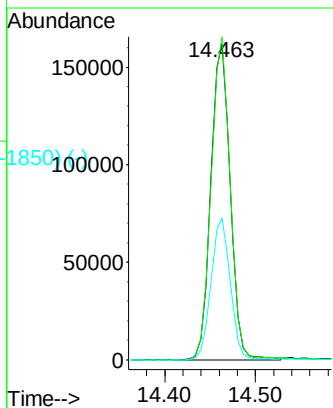
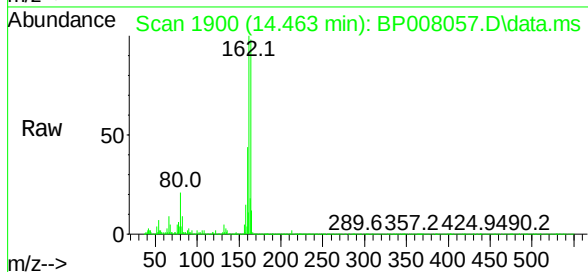




Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.463 min Scan# 1900
 Delta R.T. -0.006 min
 Lab File: BP008057.D
 Acq: 20 Nov 2021 14:54

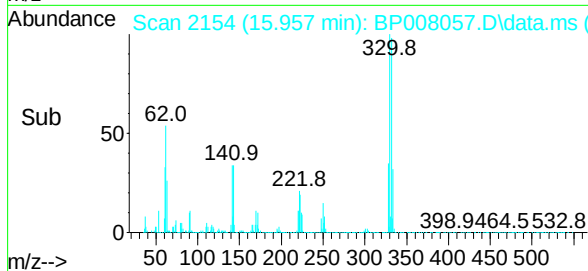
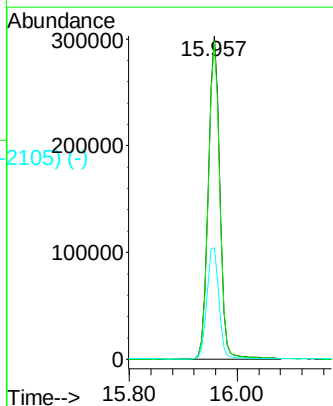
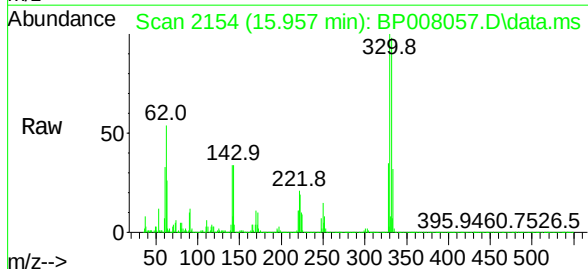
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 BNA_P
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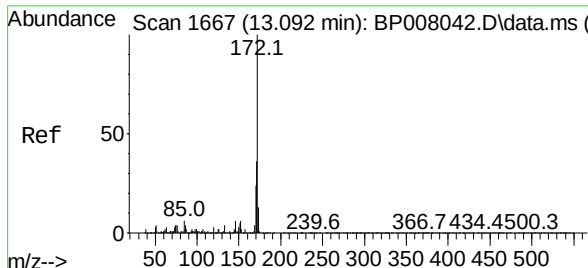
Tgt Ion:	164	Resp:	240528
Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.8
160	44.9	35.1	52.7



2,4,6-Tribromophenol
 Concen: 145.88 ng
 RT: 15.957 min Scan# 2154
 Delta R.T. -0.012 min
 Lab File: BP008057.D
 Acq: 20 Nov 2021 14:54

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

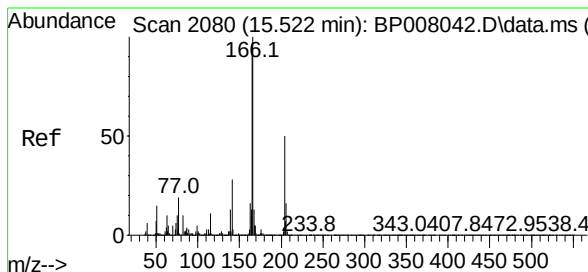
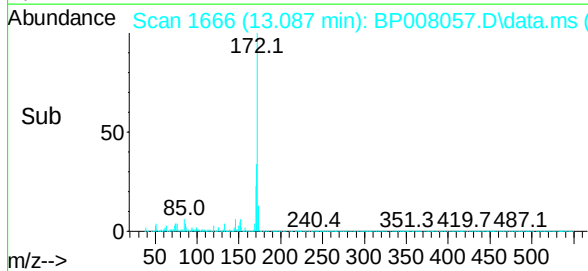
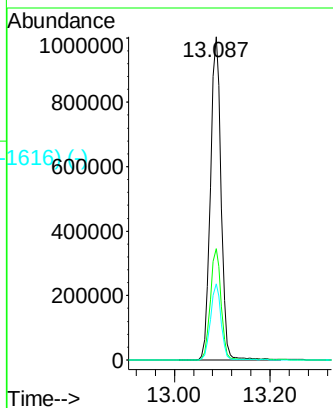
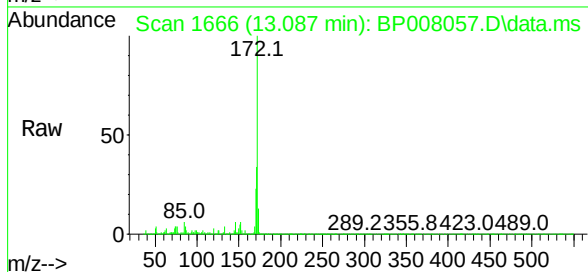




Scan 1667 (13.092 min): BP008042.D\data.ms (-1658) (-)
 2-Fluorobiphenyl
 Concen: 100.45 ng
 RT: 13.087 min Scan# 1667
 Delta R.T. -0.005 min
 Lab File: BP008057.D
 Acq: 20 Nov 2021 14:54

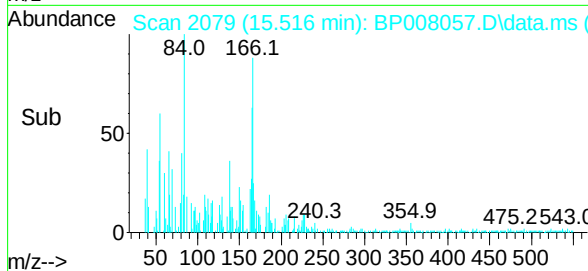
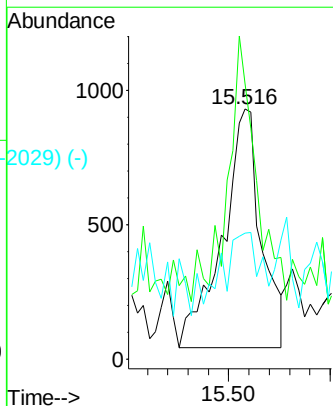
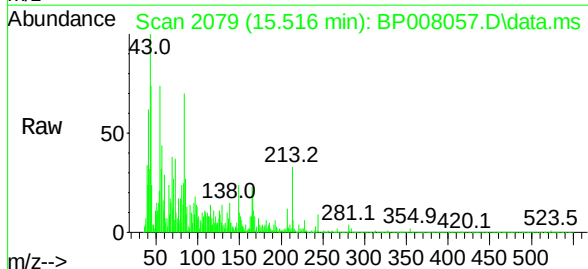
Instrument :
 BNA_P
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Tgt Ion:	172	Resp:	1542959
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.5	19.0	28.4

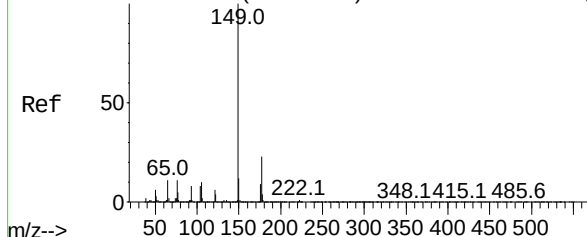


Scan 2080 (15.522 min): BP008042.D\data.ms (-2075) (-)
 Fluorene
 Concen: Below Cal
 RT: 15.516 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: BP008057.D
 Acq: 20 Nov 2021 14:54

Tgt Ion:	166	Resp:	2356
Ion	Ratio	Lower	Upper
166	100		
165	110.1	77.4	116.0
167	50.5	10.7	16.1#



Abundance Scan 2043 (15.304 min): BP008042.D\data.ms (-2043) (-)



Diethylphthalate

Concen: 4.67 ng

RT: 15.287 min Scan# 1

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

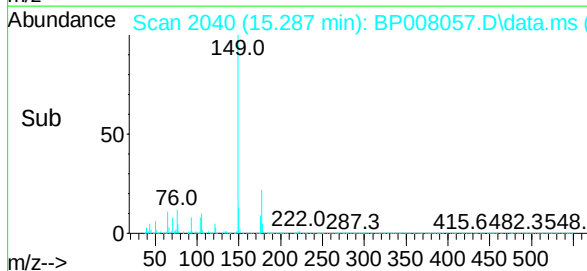
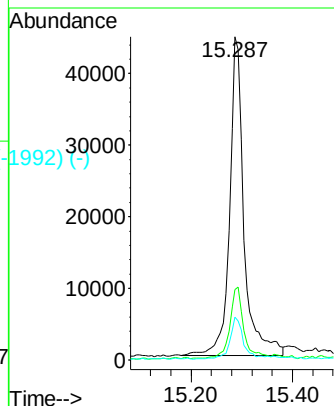
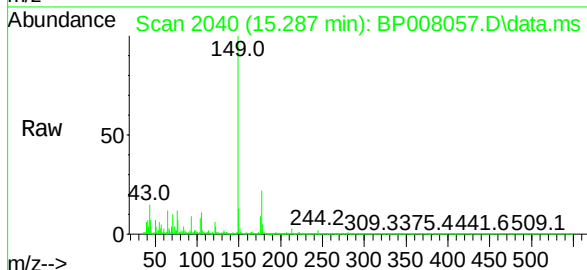
Tgt Ion:149 Resp: 87258

Ion Ratio Lower Upper

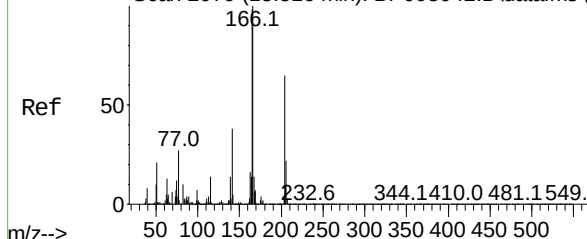
149 100

177 21.9 18.3 27.5

150 13.2 10.0 15.0



Abundance Scan 2079 (15.516 min): BP008042.D\data.ms (-2079) (-)



4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 15.504 min Scan# 2077

Delta R.T. -0.012 min

Lab File: BP008057.D

Acq: 20 Nov 2021 14:54

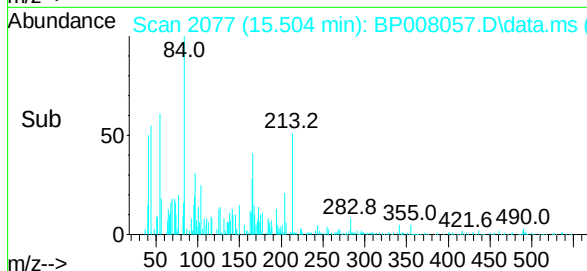
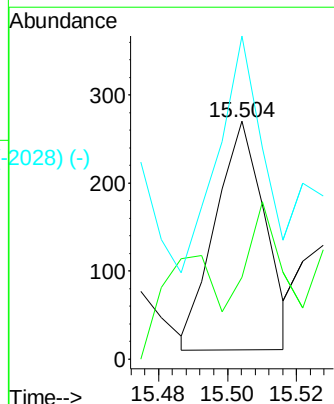
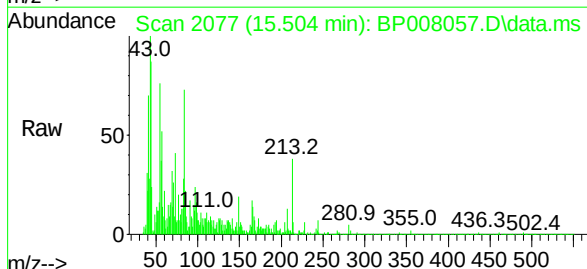
Tgt Ion:204 Resp: 261

Ion Ratio Lower Upper

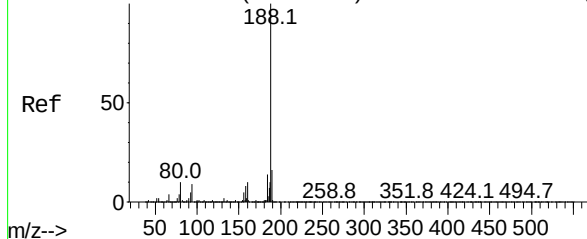
204 100

206 34.4 27.3 40.9

141 135.9 46.7 70.1#



Abundance Scan 2370 (17.227 min): BP008042.D\data.ms (-2368) (-)



Phenanthrene-d10

Concen: 20.00 ng

RT: 17.216 min Scan# 2368

Delta R.T. -0.011 min

Lab File: BP008057.D

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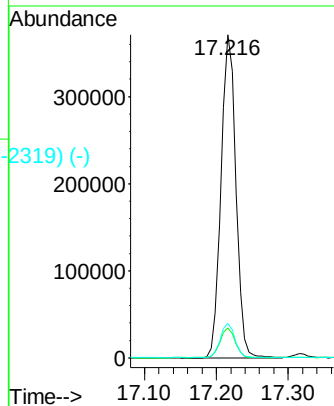
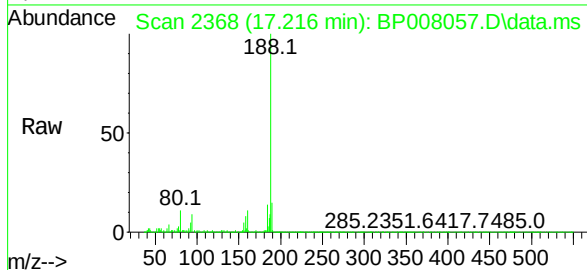
Tgt Ion:188 Resp: 532812

Ion Ratio Lower Upper

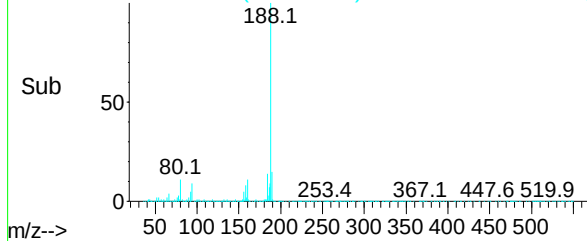
188 100

94 9.3 7.1 10.7

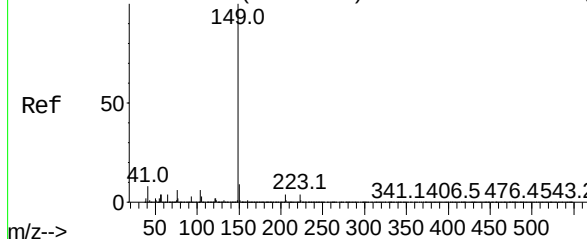
80 10.8 8.1 12.1



Abundance Scan 2368 (17.216 min): BP008057.D\data.ms (-2319) (-)



Abundance Scan 2534 (18.192 min): BP008042.D\data.ms (-2527) (-)



Di-n-butylphthalate

Concen: 4.50 ng

RT: 18.181 min Scan# 2532

Delta R.T. -0.011 min

Lab File: BP008057.D

Acq: 20 Nov 2021 14:54

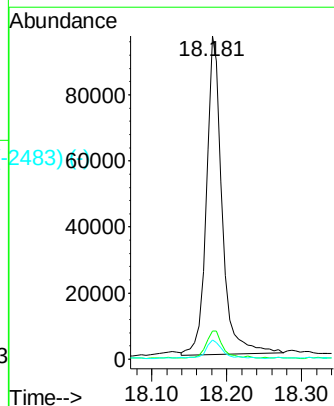
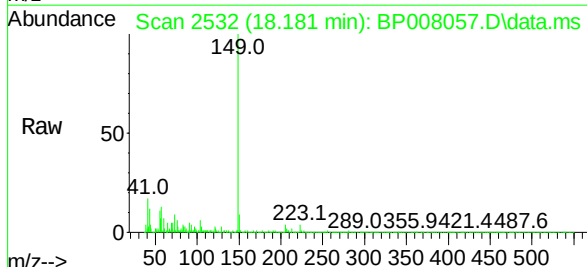
Tgt Ion:149 Resp: 141680

Ion Ratio Lower Upper

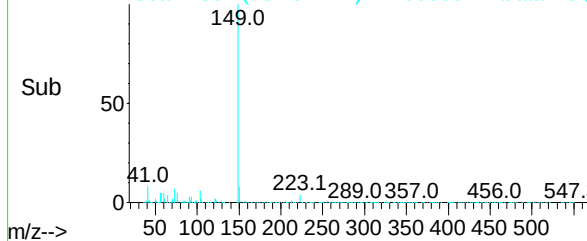
149 100

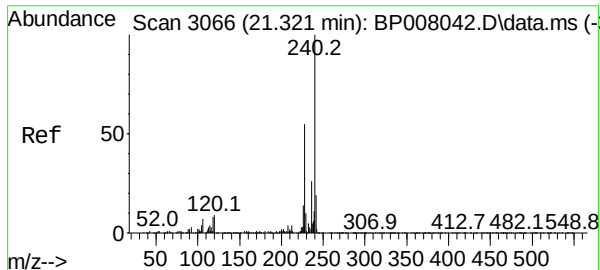
150 8.7 7.4 11.2

104 5.9 4.5 6.7



Abundance Scan 2532 (18.181 min): BP008057.D\data.ms (-2483) (-)

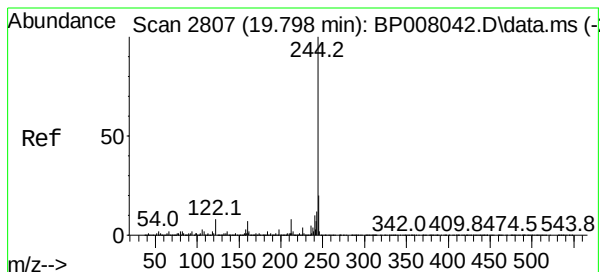
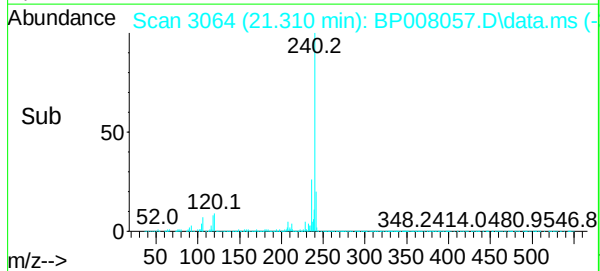
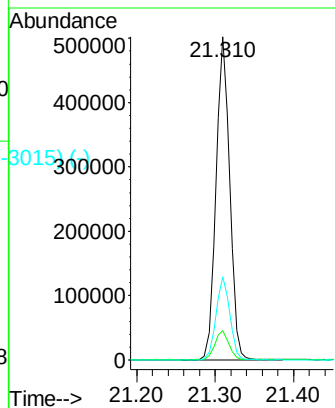
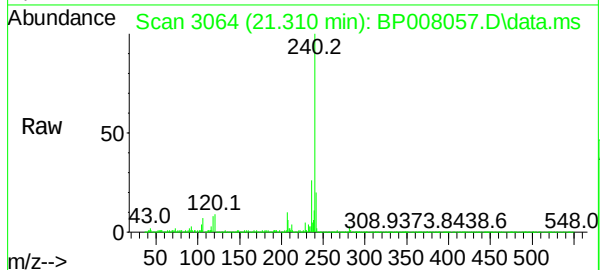




Chrysene-d12
Concen: 20.00 ng
RT: 21.310 min Scan# 3066
Delta R.T. -0.011 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

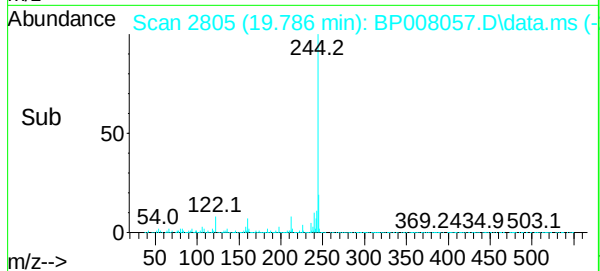
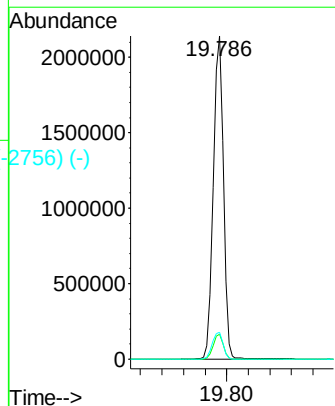
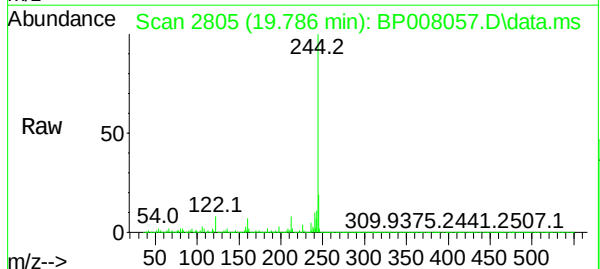
Instrument :
BNA_P
ClientSampleId :
C-1600-FLOOD-WALL-JG

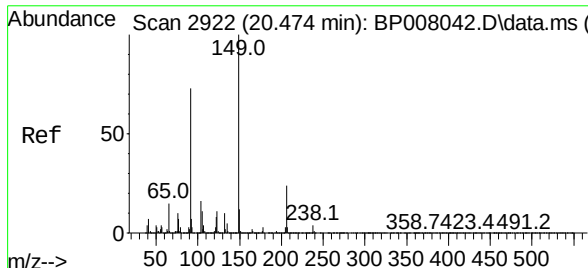
Tgt Ion:	240	Resp:	610105
Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.4	11.2
236	25.8	21.0	31.4



Terphenyl-d14
Concen: 89.44 ng
RT: 19.786 min Scan# 2805
Delta R.T. -0.012 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

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





Butylbenzylphthalate

Concen: 2.13 ng

RT: 20.463 min Scan# 1

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

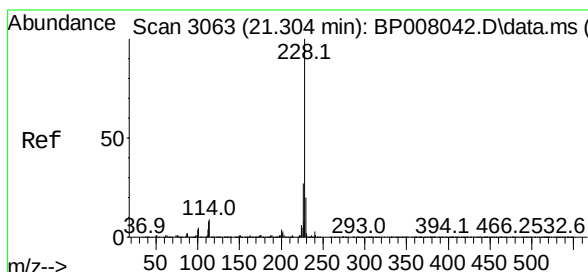
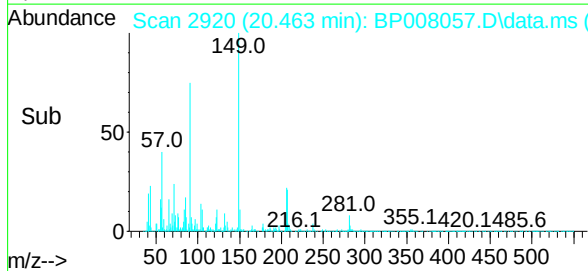
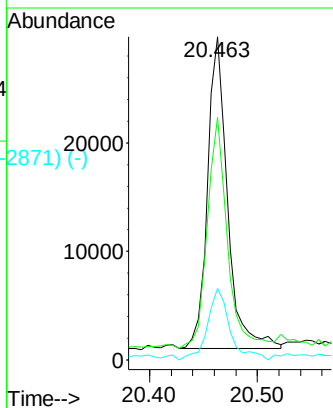
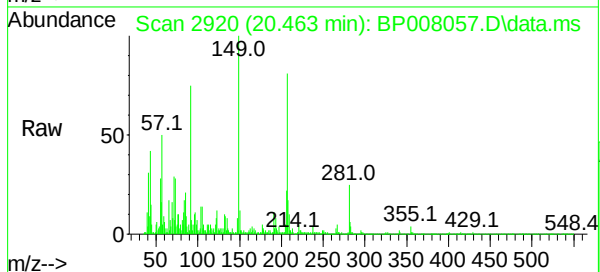
Tgt Ion:149 Resp: 36924

Ion Ratio Lower Upper

149 100

91 75.1 58.6 88.0

206 22.1 19.0 28.6



Benzo(a)anthracene

Concen: 2.43 ng

RT: 21.298 min Scan# 3062

Delta R.T. -0.006 min

Lab File: BP008057.D

Acq: 20 Nov 2021 14:54

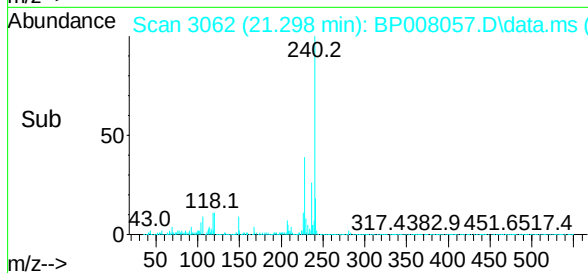
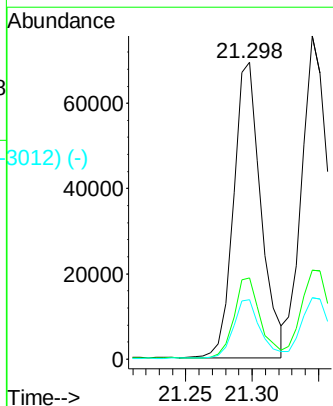
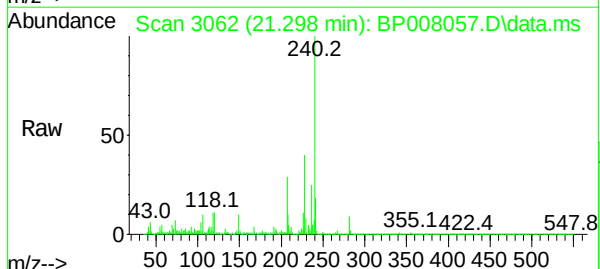
Tgt Ion:228 Resp: 99580

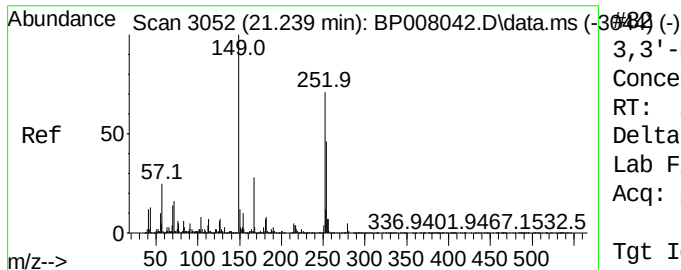
Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

229 20.0 16.1 24.1

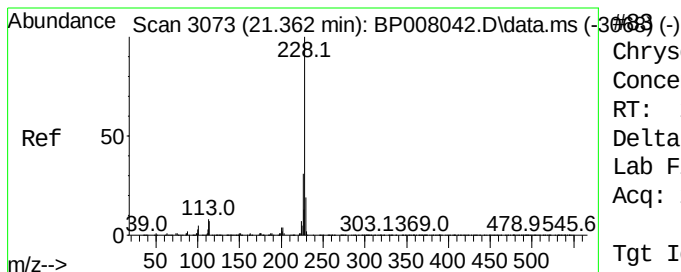
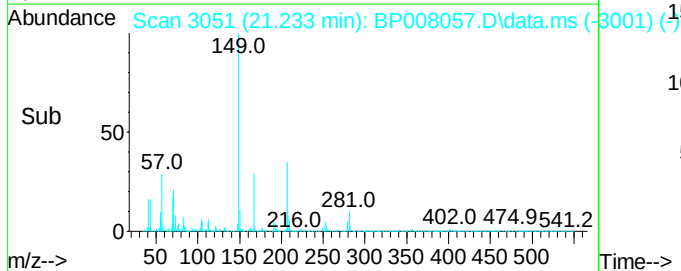
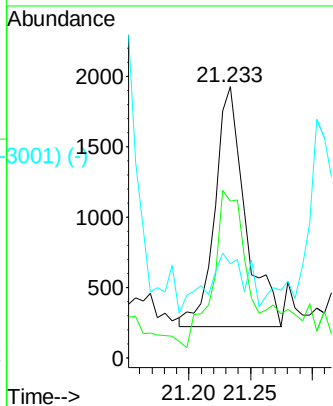
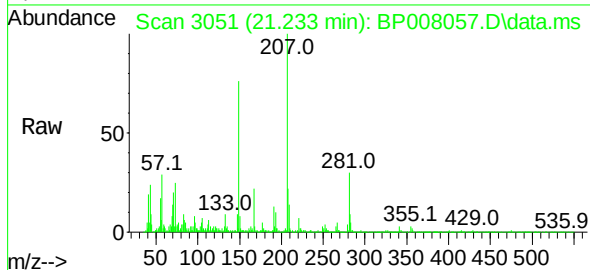




3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.233 min Scan# 3052
Delta R.T. -0.006 min
Lab File: BP008057.D
Acq: 20 Nov 2021 14:54

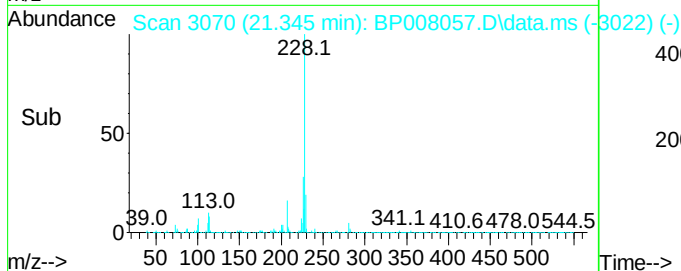
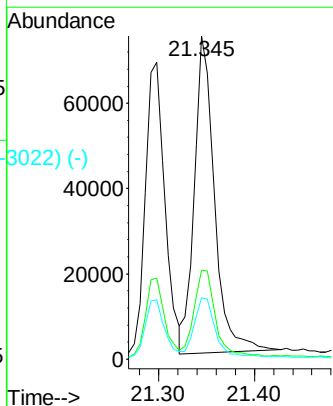
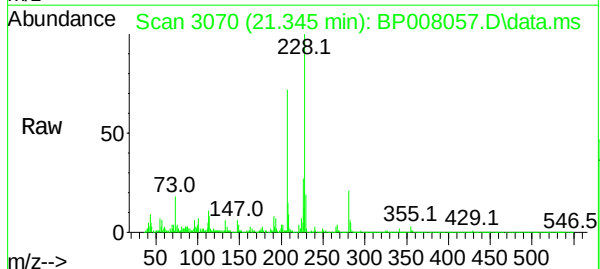
Instrument :
BNA_P
ClientSampleId :
C-1600-FLOOD-WALL-JG

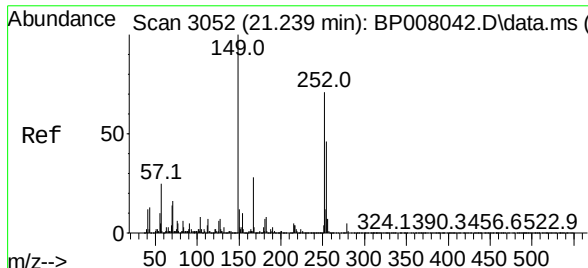
Tgt Ion:252 Resp: 2919
Ion Ratio Lower Upper
252 100
254 57.8 51.8 77.8
126 34.6 7.2 10.8#



Chrysene
Concen: 2.80 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

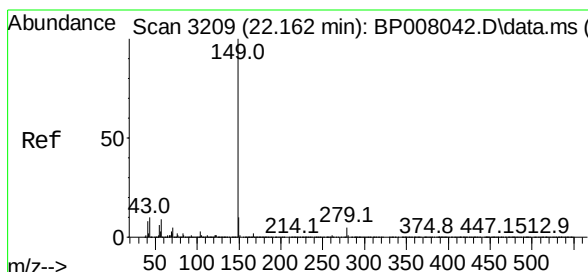
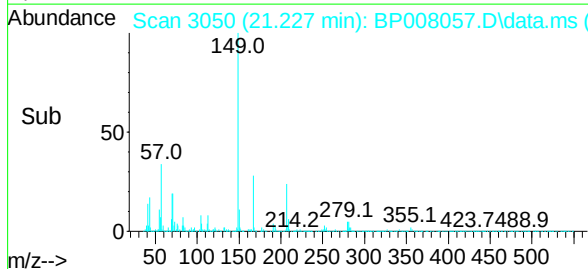
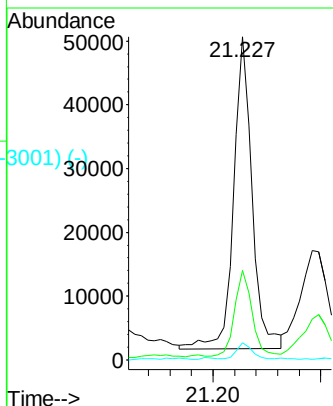
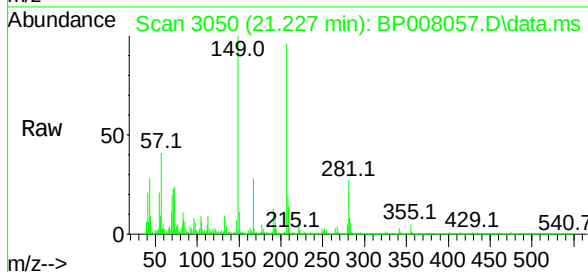




Bis(2-ethylhexyl)phthalate
 Concen: 2.49 ng
 RT: 21.227 min Scan# 3052
 Delta R.T. -0.012 min
 Lab File: BP008057.D
 Acq: 20 Nov 2021 14:54

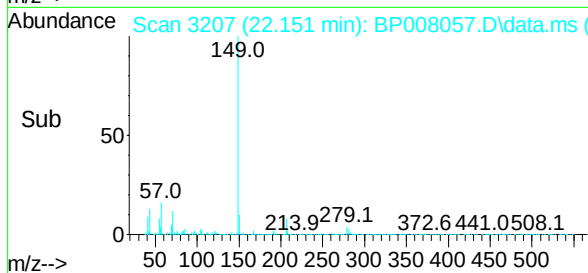
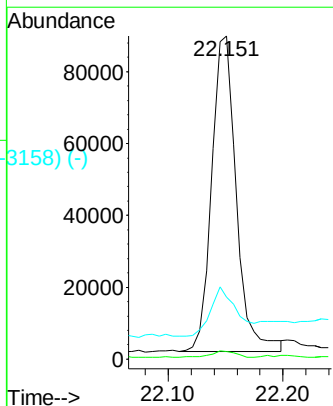
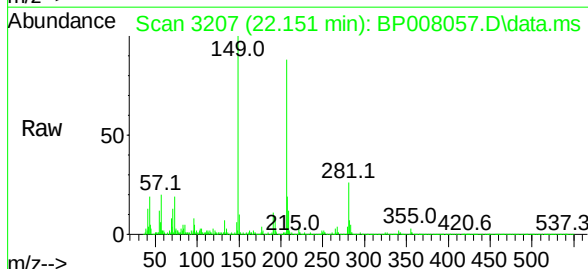
Instrument :
 BNA_P
 ClientSampleId :
 C-1600-FLOOD-WALL-JG

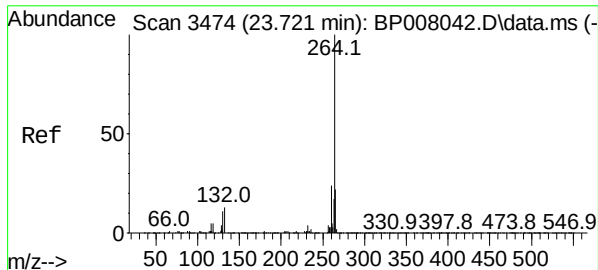
Tgt Ion:	149	Resp:	58345
Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.7	34.1
279	5.2	4.0	6.0



Di-n-octyl phthalate
 Concen: 3.05 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#





3486 (-)

Perylene-d12

Concen: 20.00 ng

RT: 23.704 min Scan# 1

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

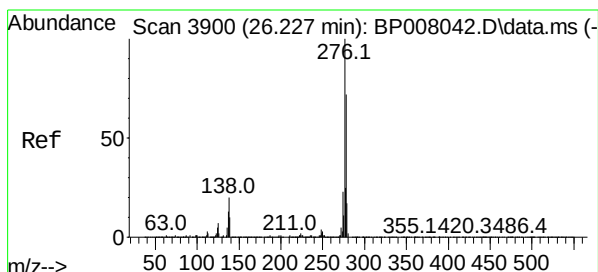
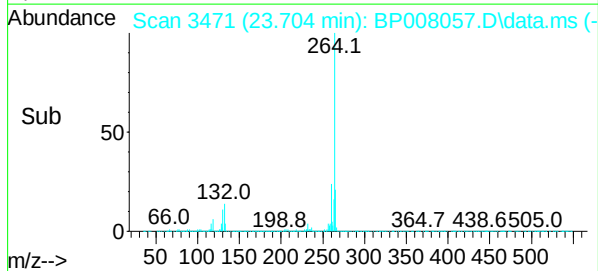
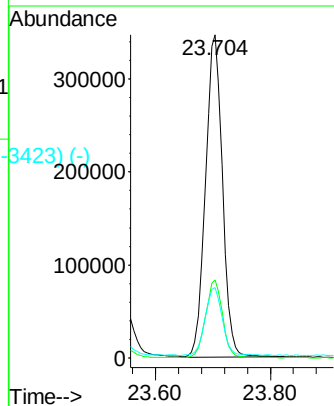
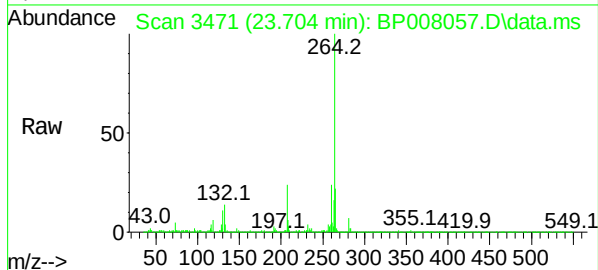
Tgt Ion:264 Resp: 709478

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.8 17.7 26.5



3887 (-)

Indeno(1,2,3-cd)pyrene

Concen: 2.31 ng

RT: 26.198 min Scan# 3895

Delta R.T. -0.029 min

Lab File: BP008057.D

Acq: 20 Nov 2021 14:54

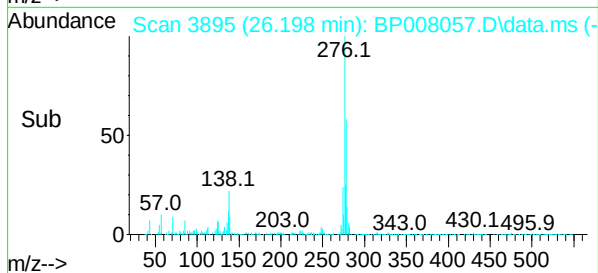
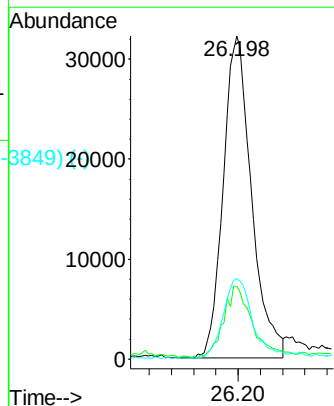
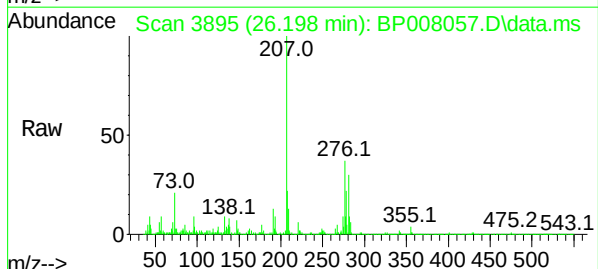
Tgt Ion:276 Resp: 113861

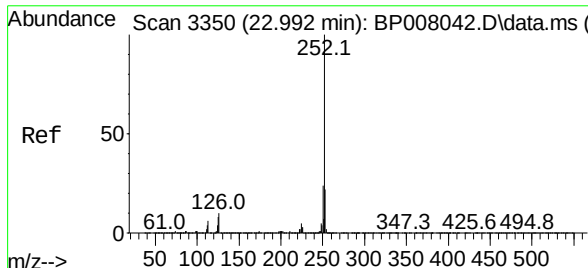
Ion Ratio Lower Upper

276 100

138 23.2 16.5 24.7

277 25.5 20.2 30.4

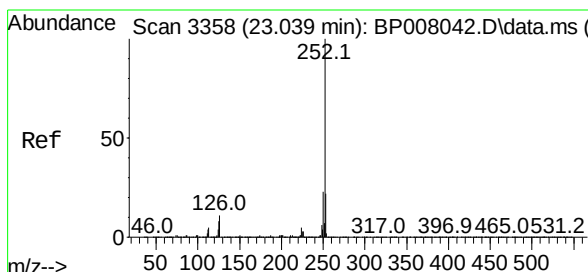
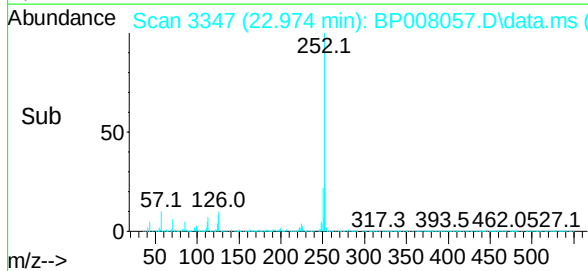
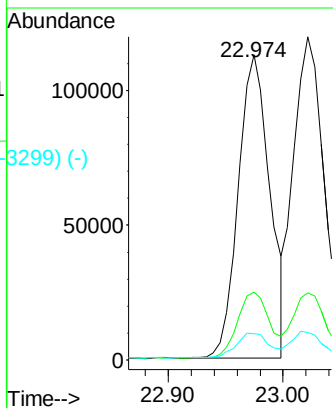
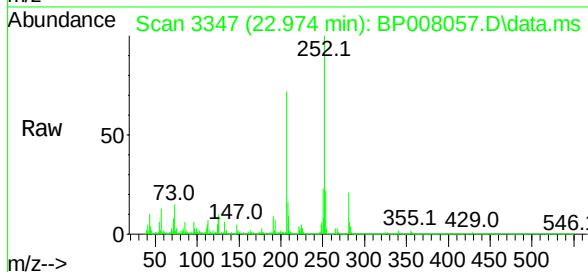




Scan 3350 (22.992 min): BP008042.D\data.ms (-3358) (-)
 Benzo(b)fluoranthene
 Concen: 4.83 ng
 RT: 22.974 min Scan# 3350
 Delta R.T. -0.017 min
 Lab File: BP008057.D
 Acq: 20 Nov 2021 14:54

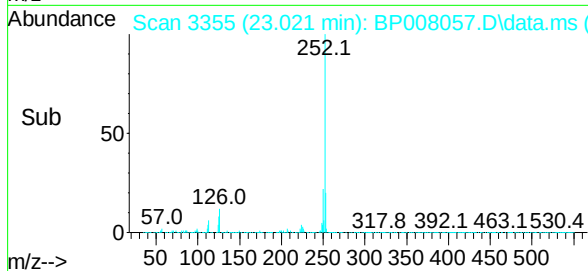
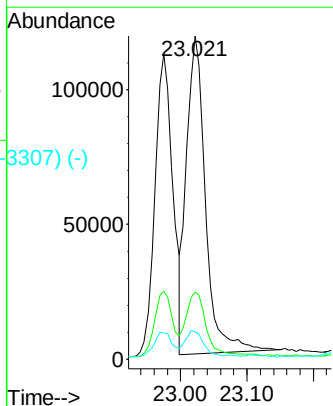
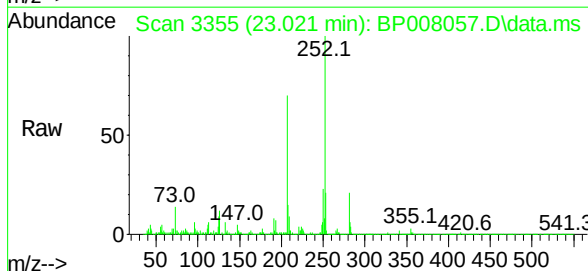
Instrument :
 BNA_P
 ClientSampleId :
 C-1600-FLOOD-WALL-JG

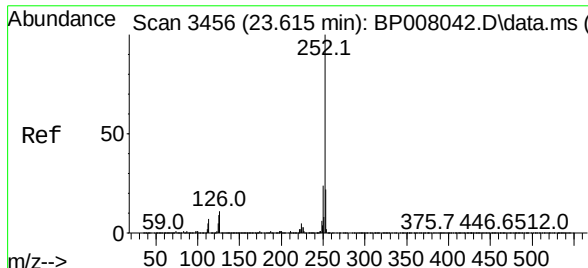
Tgt Ion:	252	Resp:	214218
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	8.7	6.1	9.1



Scan 3358 (23.039 min): BP008042.D\data.ms (-3359) (-)
 Benzo(k)fluoranthene
 Concen: 5.29 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





Benzo(a)pyrene
 Concen: 5.64 ng
 RT: 23.598 min Scan# 449
 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

