

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008058.D
 Acq On : 20 Nov 2021 15:27
 Operator : CG/JU
 Sample : M4724-28
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T-132-2

Quant Time: Nov 22 05:31:41 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)

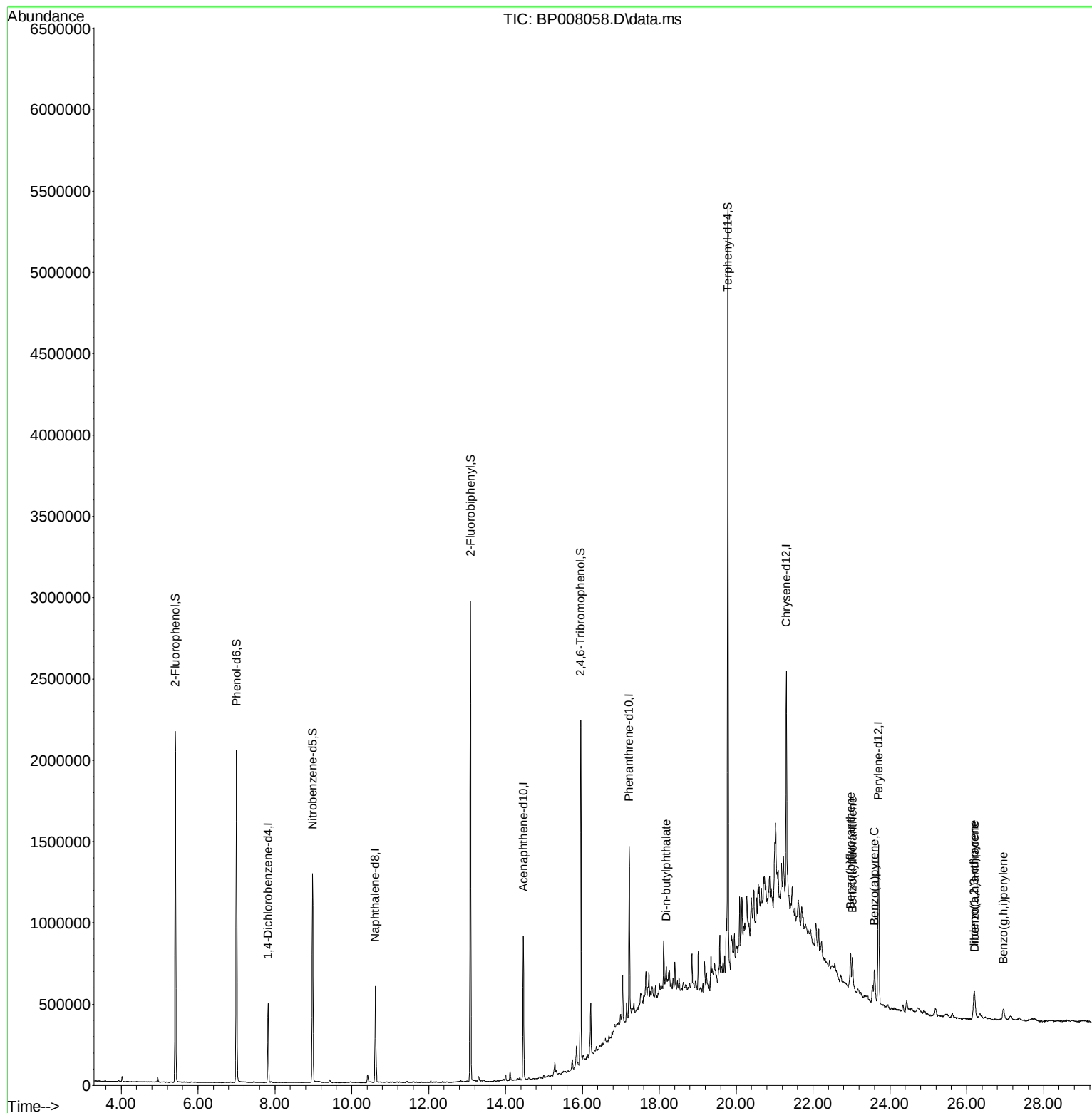
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	121430	20.00	ng	0.00
21) Naphthalene-d8	10.616	136	466552	20.00	ng	-0.01
39) Acenaphthene-d10	14.463	164	307377	20.00	ng	0.00
64) Phenanthrene-d10	17.216	188	640603	20.00	ng	-0.01
76) Chrysene-d12	21.310	240	652115	20.00	ng	-0.01
86) Perylene-d12	23.704	264	740040	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	846921	119.21	ng	0.00
7) Phenol-d6	6.999	99	1120372	113.77	ng	-0.01
23) Nitrobenzene-d5	8.981	82	745699	72.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	389224	100.06	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1521388	77.50	ng	0.00
79) Terphenyl-d14	19.786	244	2334917	70.40	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.005	77	2137	Below Cal	#	7
58) Fluorene	15.516	166	515	Below Cal	#	69
61) 4-Chlorophenyl-phenyle...	15.504	204	76	Below Cal	#	1
74) Di-n-butylphthalate	18.181	149	101059	2.67	ng	96
82) 3,3'-Dichlorobenzidine	21.233	252	1216	Below Cal	#	8
87) Indeno(1,2,3-cd)pyrene	26.198	276	149840	2.92	ng	99
88) Benzo(b)fluoranthene	22.974	252	150013	3.24	ng	# 98
89) Benzo(k)fluoranthene	23.021	252	157681	3.43	ng	# 95
90) Benzo(a)pyrene	23.598	252	154945	4.00	ng	# 97
91) Dibenzo(a,h)anthracene	26.210	278	103499	2.42	ng	# 94
92) Benzo(g,h,i)perylene	26.951	276	103441	2.47	ng	98

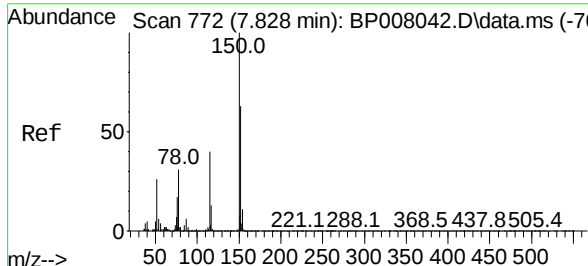
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
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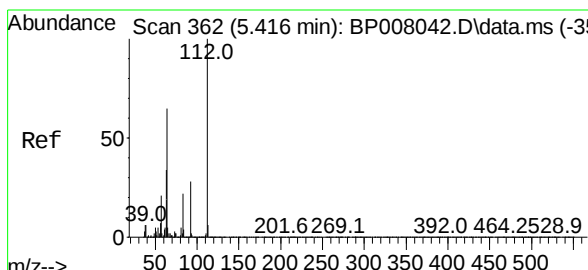
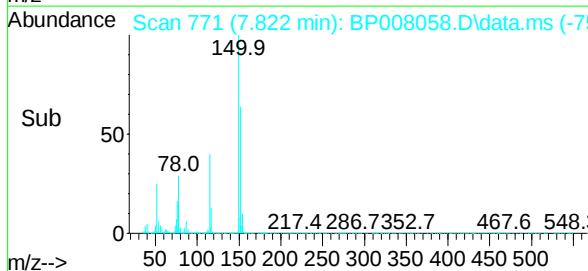
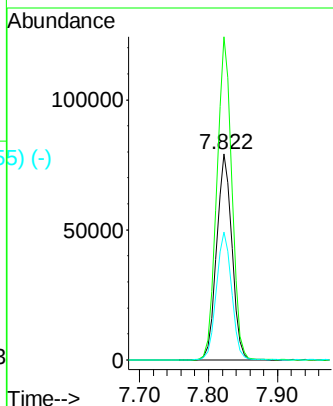
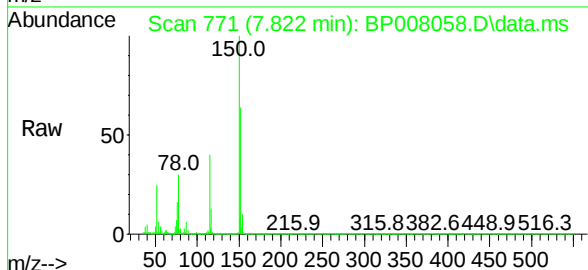




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.822 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP008058.D
 Acq: 20 Nov 2021 15:27

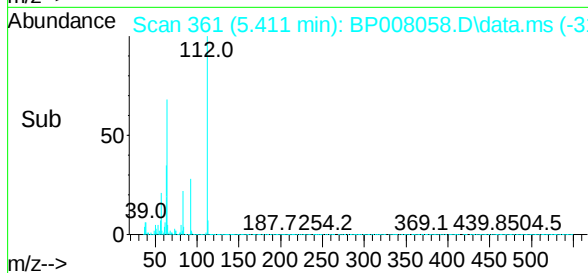
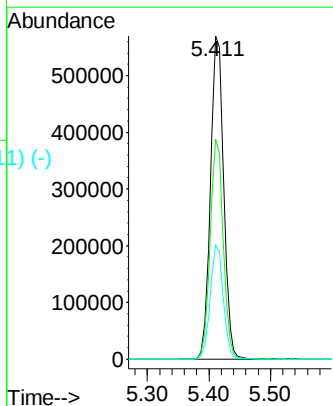
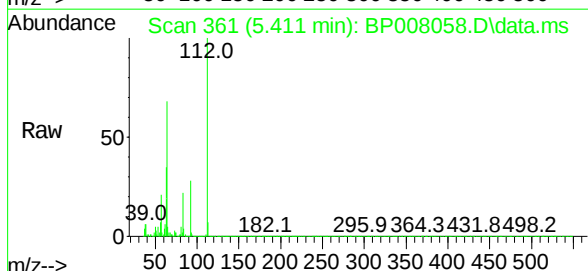
Instrument :
 BNA_P
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 T-132-2

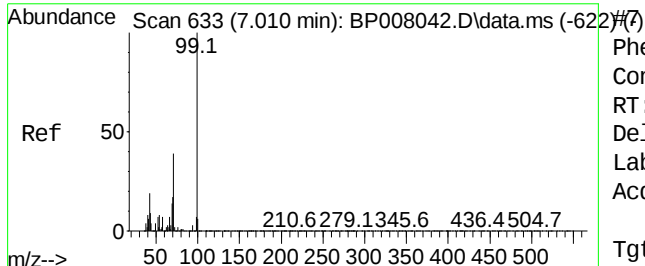
Tgt Ion:	152	Resp:	121430
Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.5	189.7
115	62.1	50.6	75.8



2-Fluorophenol
 Concen: 119.21 ng
 RT: 5.411 min Scan# 361
 Delta R.T. -0.005 min
 Lab File: BP008058.D
 Acq: 20 Nov 2021 15:27

Tgt Ion:	112	Resp:	846921
Ion	Ratio	Lower	Upper
112	100		
64	68.1	51.7	77.5
63	35.5	27.4	41.0





Phenol-d6

Concen: 113.77 ng

RT: 6.999 min Scan#

Delta R.T. -0.011 min

Lab File: BP008058.D

Acq: 20 Nov 2021 15:27

Instrument :

BNA_P

ClientSampleId :

T-132-2

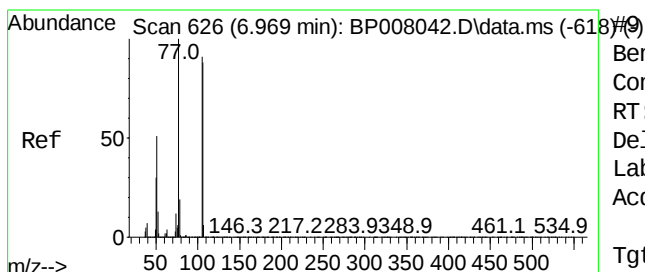
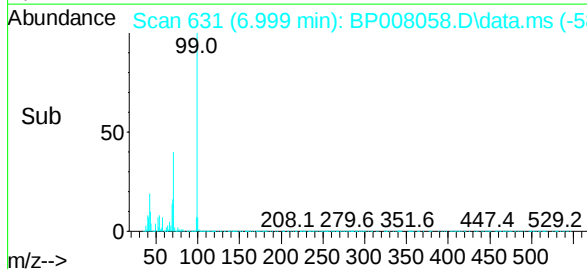
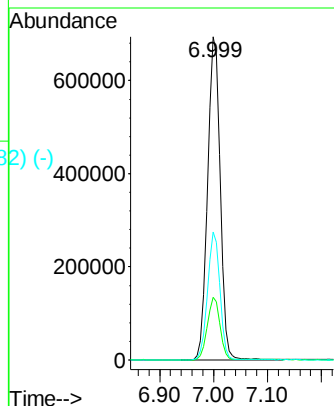
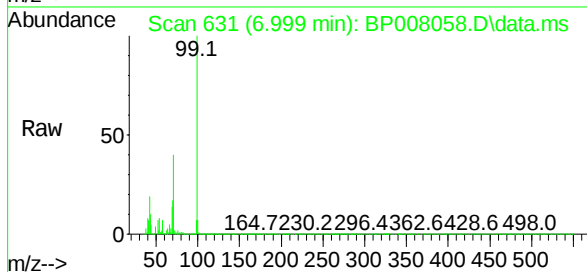
Tgt Ion: 99 Resp: 1120372

Ion Ratio Lower Upper

99 100

42 19.4 15.4 23.2

71 39.6 31.0 46.6



Benzaldehyde

Concen: Below Cal

RT: 7.005 min Scan# 632

Delta R.T. 0.036 min

Lab File: BP008058.D

Acq: 20 Nov 2021 15:27

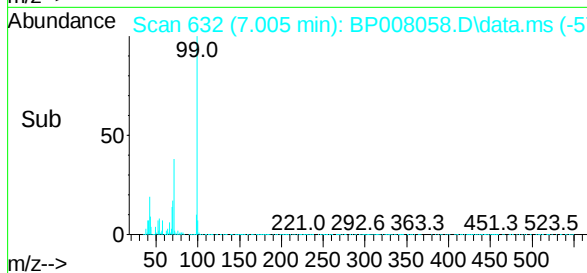
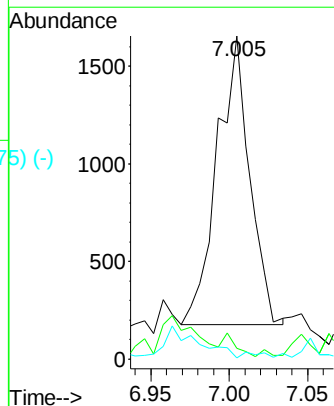
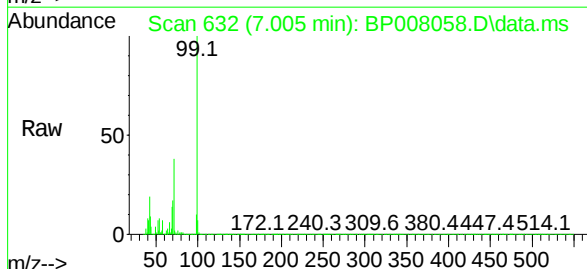
Tgt Ion: 77 Resp: 2137

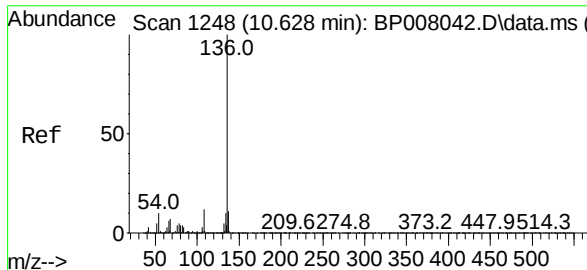
Ion Ratio Lower Upper

77 100

105 3.3 71.5 111.5#

106 0.3 67.9 107.9#





Naphthalene-d8

Concen: 20.00 ng

RT: 10.616 min Scan#

Delta R.T. -0.012 min

Lab File: BP008058.D

Acq: 20 Nov 2021 15:27

Instrument :

BNA_P

ClientSampleId :

T-132-2

Tgt Ion:136 Resp: 466552

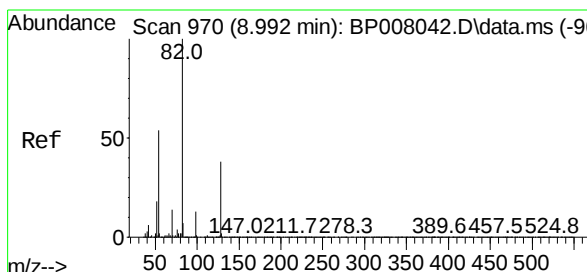
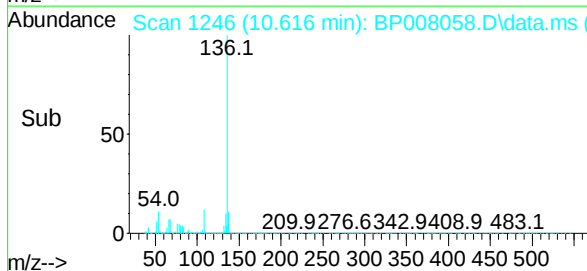
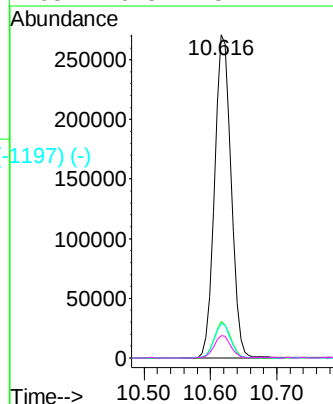
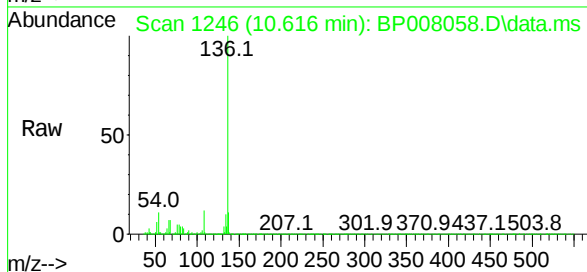
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.6 8.0 12.0

68 6.8 5.2 7.8



Nitrobenzene-d5

Concen: 72.51 ng

RT: 8.981 min Scan# 968

Delta R.T. -0.011 min

Lab File: BP008058.D

Acq: 20 Nov 2021 15:27

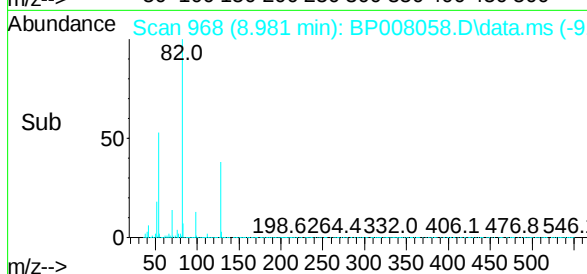
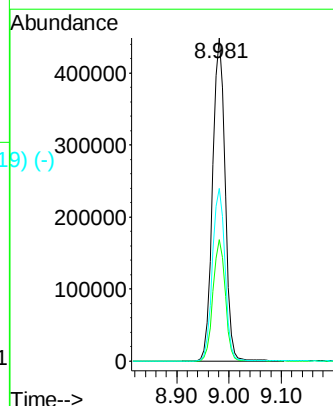
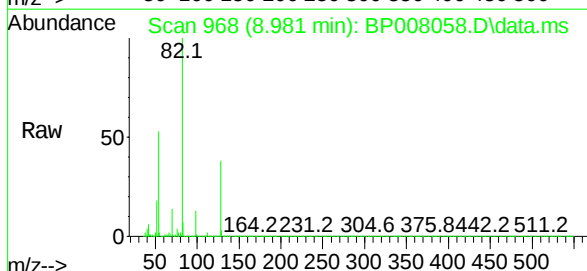
Tgt Ion: 82 Resp: 745699

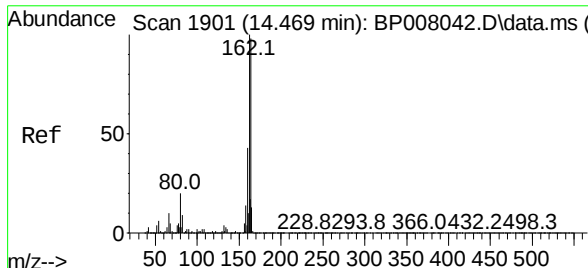
Ion Ratio Lower Upper

82 100

128 37.5 30.2 45.2

54 53.5 43.1 64.7

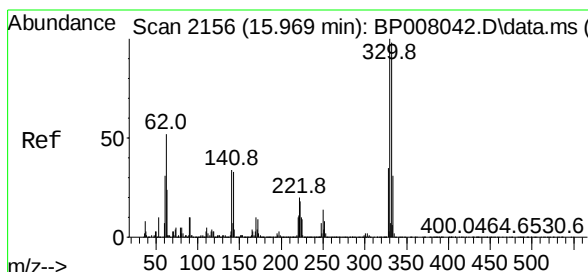
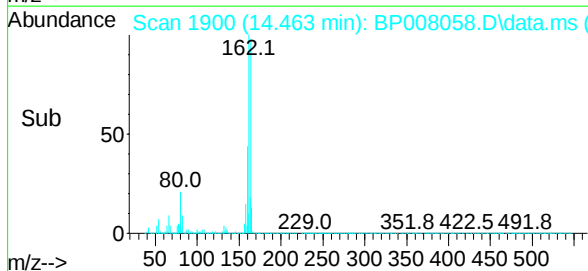
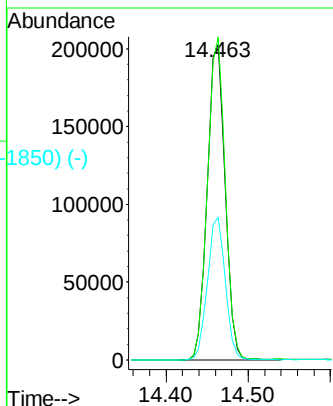
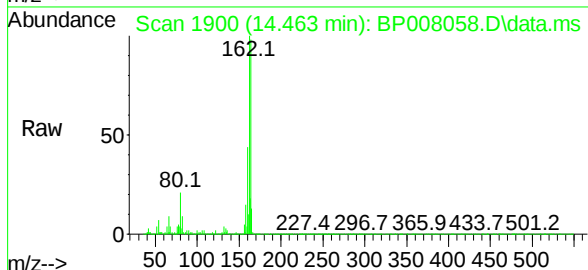




Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

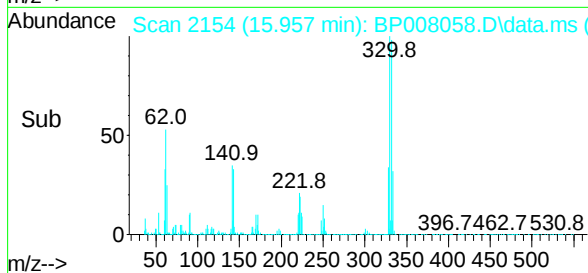
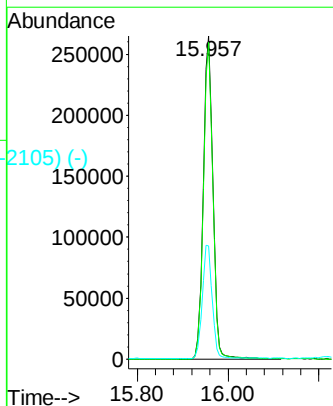
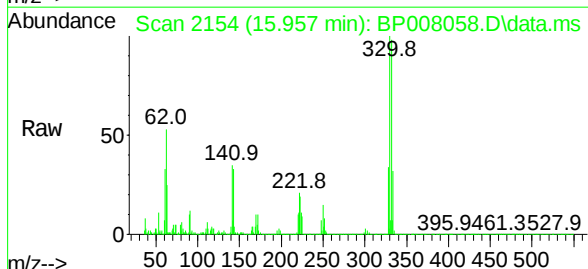
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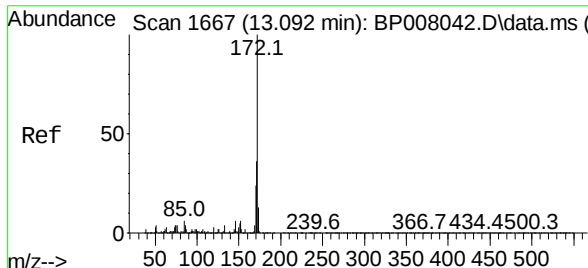
Tgt Ion:	164	Resp:	307377
Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.8
160	45.2	35.1	52.7



2,4,6-Tribromophenol
Concen: 100.06 ng
RT: 15.957 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

Tgt Ion:	330	Resp:	389224
Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.0	117.0
141	35.9	29.6	44.4

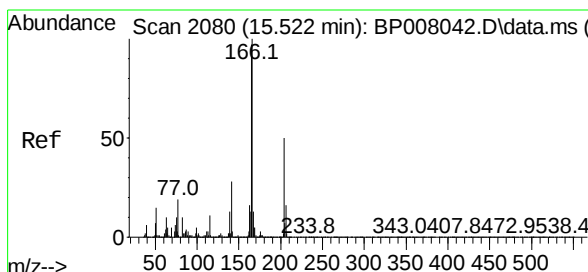
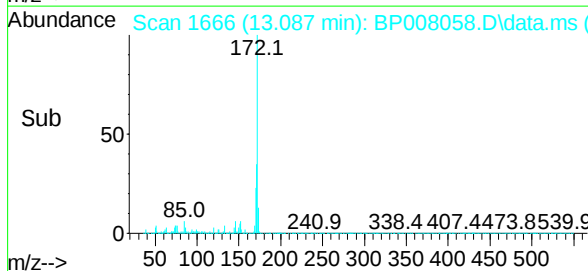
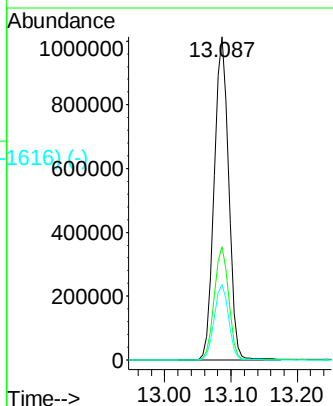
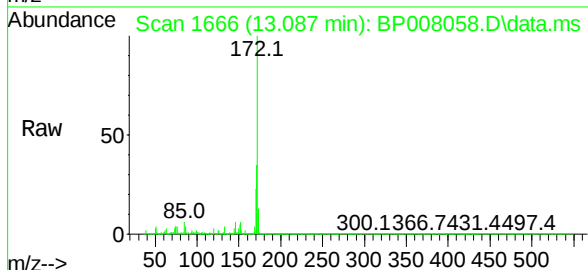




Scan 1667 (13.092 min): BP008042.D\data.ms (-1658)
 2-Fluorobiphenyl
 Concen: 77.50 ng
 RT: 13.087 min Scan# 1667
 Delta R.T. -0.005 min
 Lab File: BP008058.D
 Acq: 20 Nov 2021 15:27

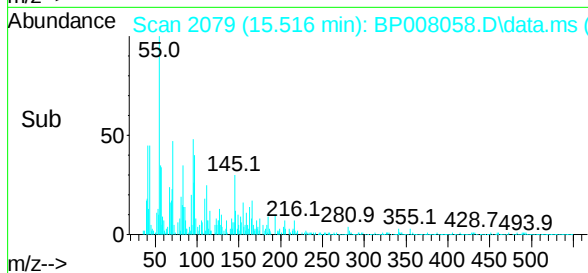
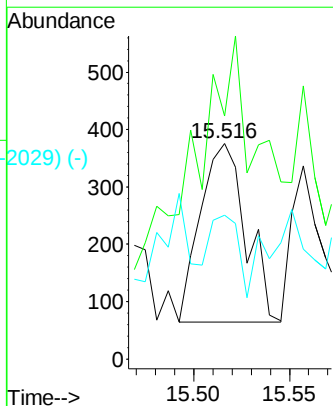
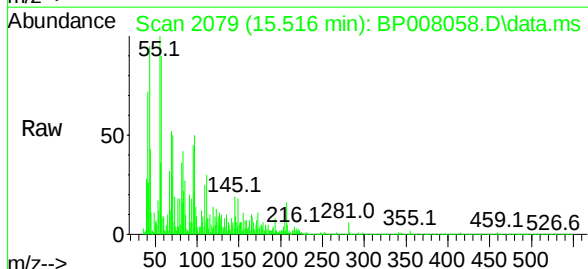
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 T-132-2

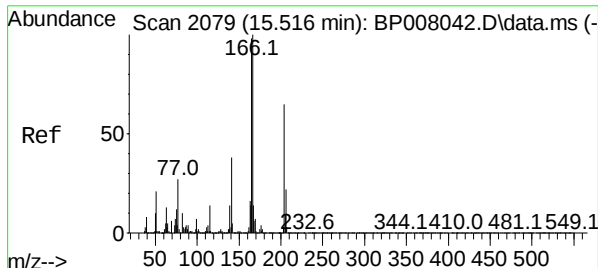
Tgt Ion:	172	Resp:	1521388
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.4	19.0	28.4



Scan 2080 (15.522 min): BP008042.D\data.ms (-2058)
 Fluorene
 Concen: Below Cal
 RT: 15.516 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: BP008058.D
 Acq: 20 Nov 2021 15:27

Tgt Ion:	166	Resp:	515
Ion	Ratio	Lower	Upper
166	100		
165	112.8	77.4	116.0
167	66.8	10.7	16.1#

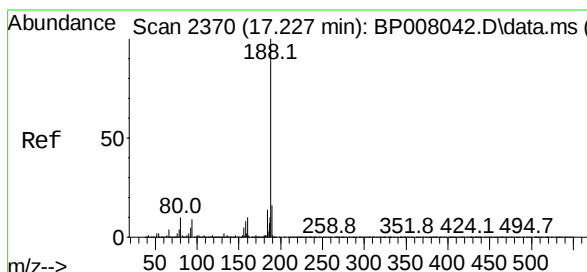
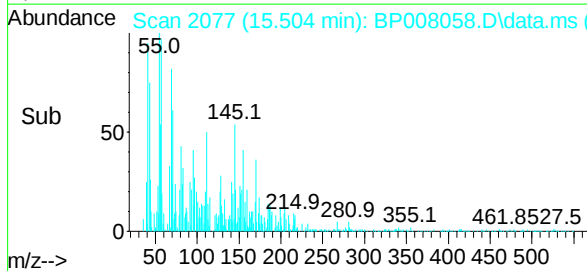
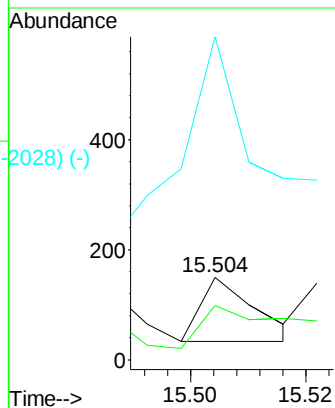
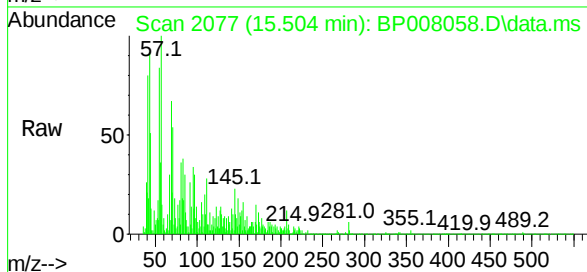




4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 15.504 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008058.D
 Acq: 20 Nov 2021 15:27

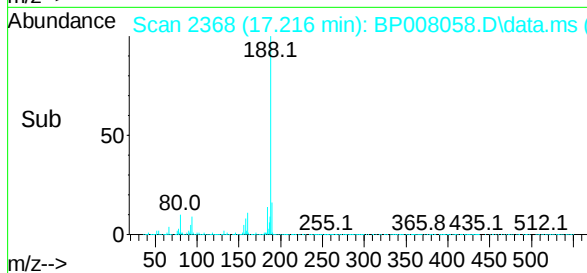
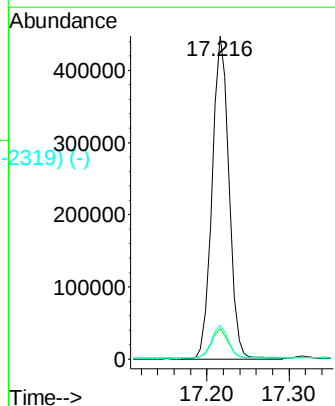
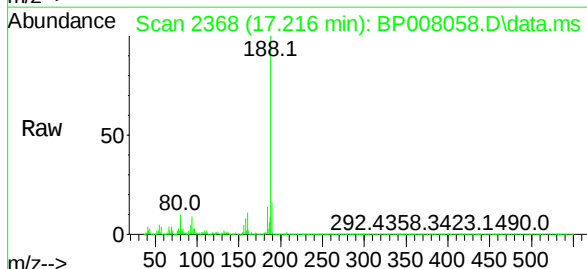
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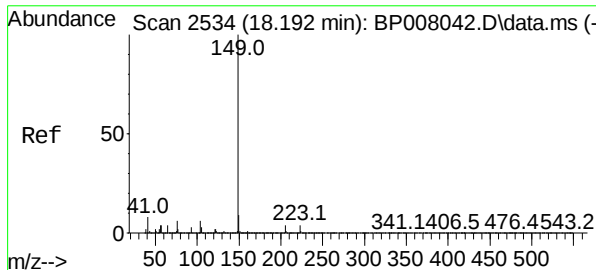
Tgt Ion:	204	Resp:	76
Ion	Ratio	Lower	Upper
204	100		
206	65.3	27.3	40.9#
141	391.3	46.7	70.1#



Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.216 min Scan# 2368
 Delta R.T. -0.011 min
 Lab File: BP008058.D
 Acq: 20 Nov 2021 15:27

Tgt Ion:	188	Resp:	640603
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.1	10.7
80	10.4	8.1	12.1





Di-n-butylphthalate

Concen: 2.67 ng

RT: 18.181 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP008058.D

Acq: 20 Nov 2021 15:27

Instrument :

BNA_P

ClientSampleId :

T-132-2

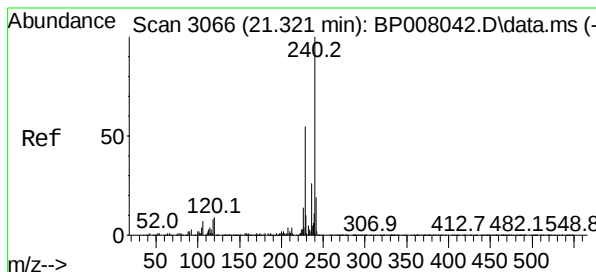
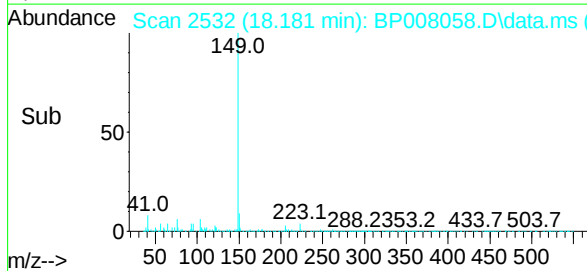
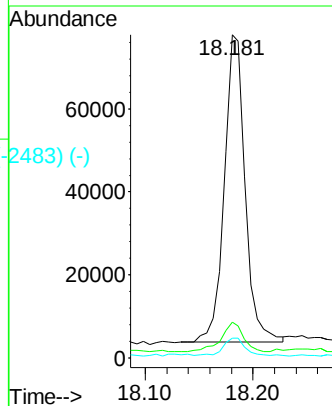
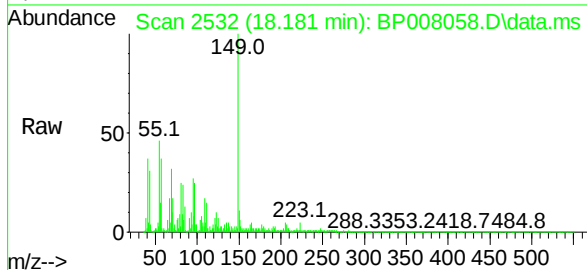
Tgt Ion:149 Resp: 101059

Ion Ratio Lower Upper

149 100

150 11.0 7.4 11.2

104 6.1 4.5 6.7



Chrysene-d12

Concen: 20.00 ng

RT: 21.310 min Scan# 3064

Delta R.T. -0.011 min

Lab File: BP008058.D

Acq: 20 Nov 2021 15:27

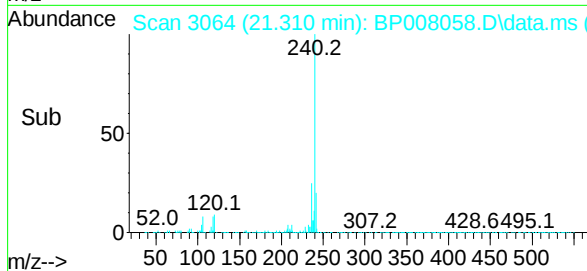
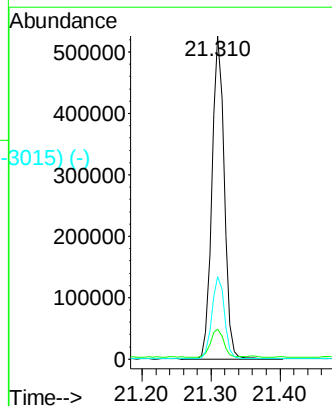
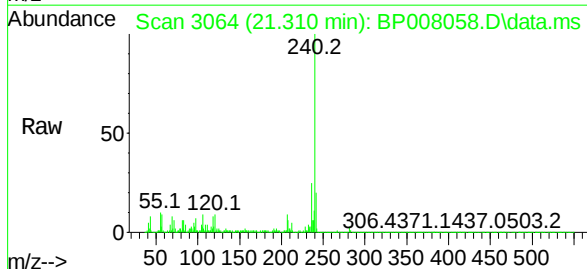
Tgt Ion:240 Resp: 652115

Ion Ratio Lower Upper

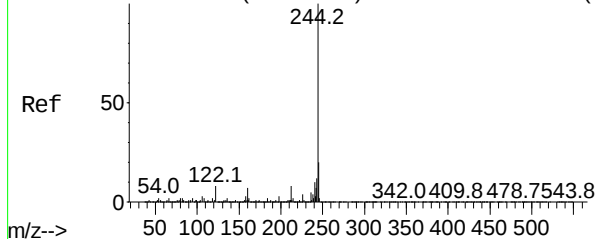
240 100

120 9.2 7.4 11.2

236 25.5 21.0 31.4



Abundance Scan 2807 (19.798 min): BP008042.D\data.ms (-2754) (-)



Terphenyl-d14

Concen: 70.40 ng

RT: 19.786 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP008058.D

Acq: 20 Nov 2021 15:27

Instrument :

BNA_P

ClientSampleId :

T-132-2

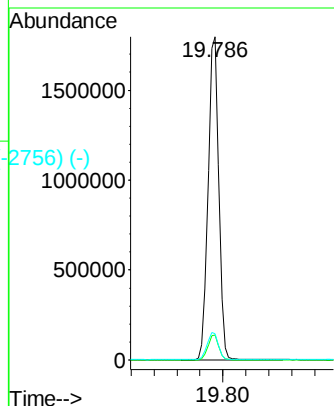
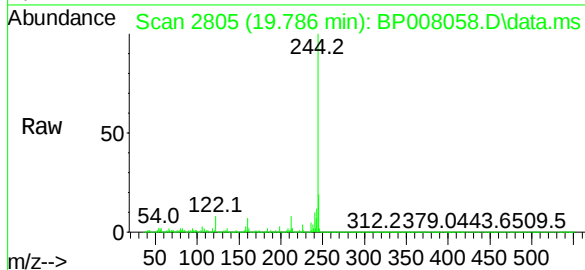
Tgt Ion:244 Resp: 2334917

Ion Ratio Lower Upper

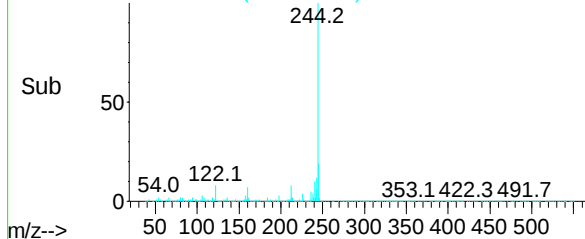
244 100

212 7.8 6.3 9.5

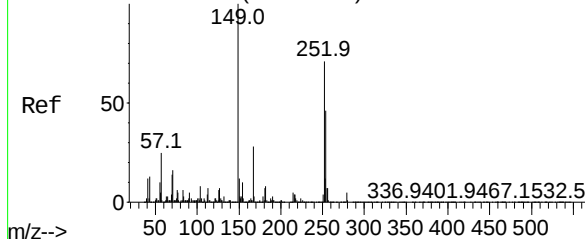
122 8.1 6.1 9.1



Abundance Scan 2805 (19.786 min): BP008058.D\data.ms (-2756) (-)



Abundance Scan 3052 (21.239 min): BP008042.D\data.ms (-3040) (-)



3,3'-Dichlorobenzidine

Concen: Below Cal

RT: 21.233 min Scan# 3051

Delta R.T. -0.006 min

Lab File: BP008058.D

Acq: 20 Nov 2021 15:27

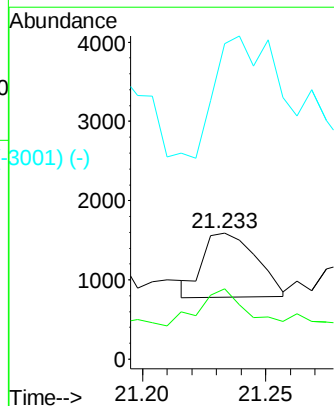
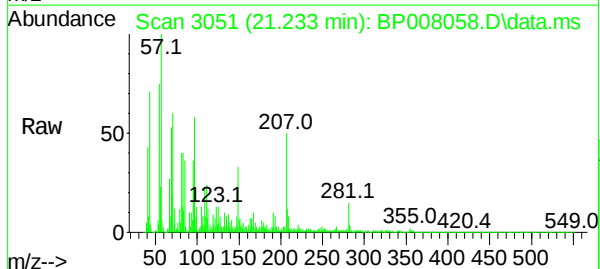
Tgt Ion:252 Resp: 1216

Ion Ratio Lower Upper

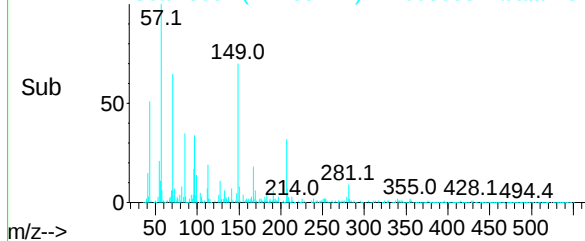
252 100

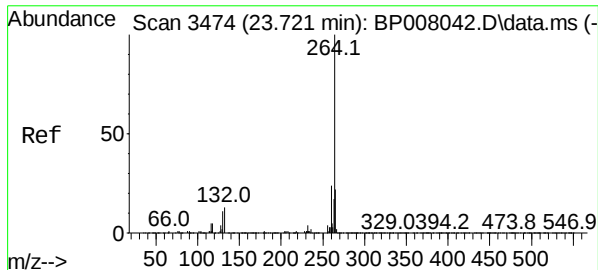
254 55.6 51.8 77.8

126 249.8 7.2 10.8#



Abundance Scan 3051 (21.233 min): BP008058.D\data.ms (-3001) (-)

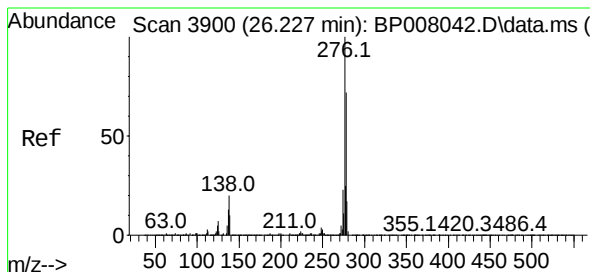
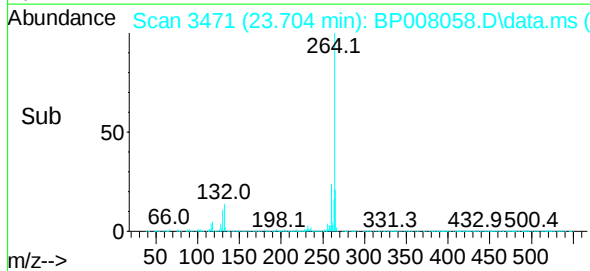
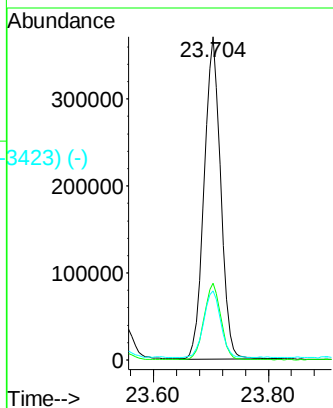
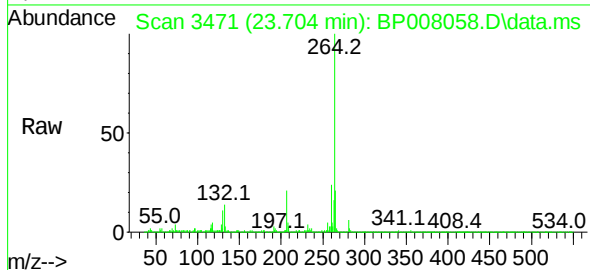




Perylene-d12
Concen: 20.00 ng
RT: 23.704 min Scan# 3458
Delta R.T. -0.017 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

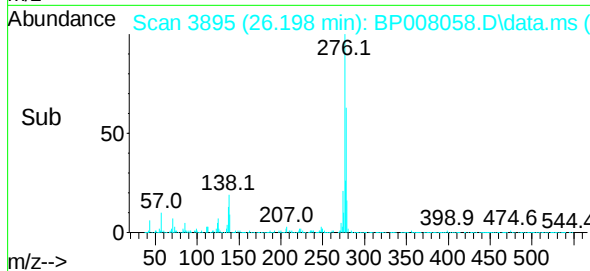
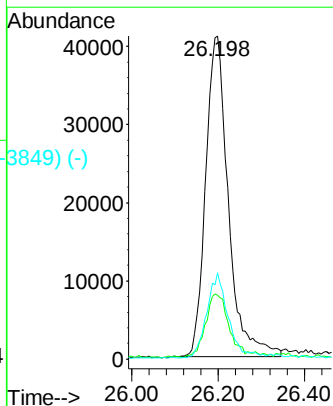
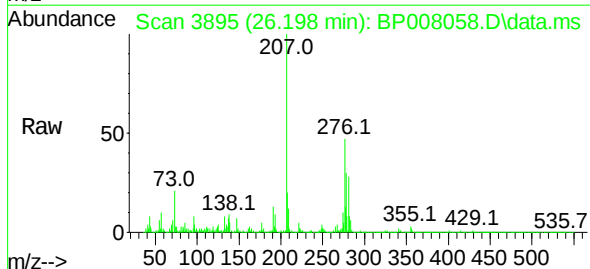
Instrument :
BNA_P
ClientSampleId :
T-132-2

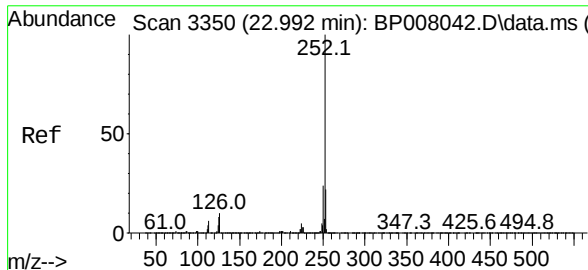
Tgt Ion:	264	Resp:	740040
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.0	28.6
265	21.4	17.7	26.5



Indeno(1,2,3-cd)pyrene
Concen: 2.92 ng
RT: 26.198 min Scan# 3895
Delta R.T. -0.029 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

Tgt Ion:	276	Resp:	149840
Ion Ratio	Lower	Upper	
276	100		
138	20.3	16.5	24.7
277	24.2	20.2	30.4

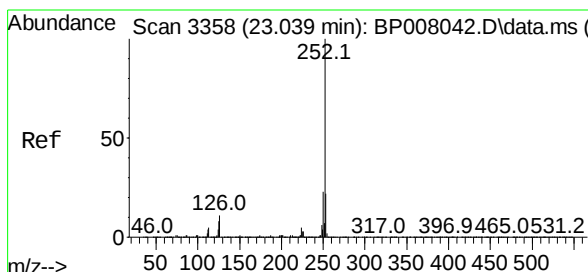
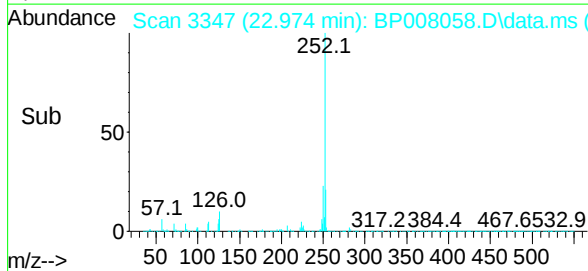
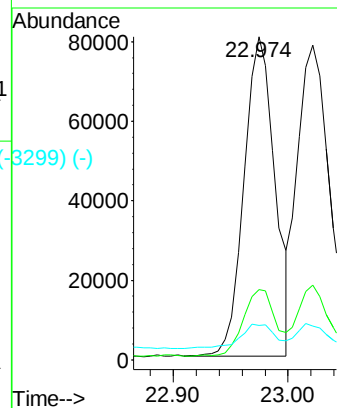
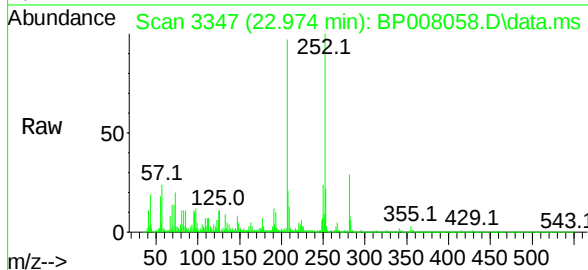




Benzo(b)fluoranthene
Concen: 3.24 ng
RT: 22.974 min Scan# 3350
Delta R.T. -0.017 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

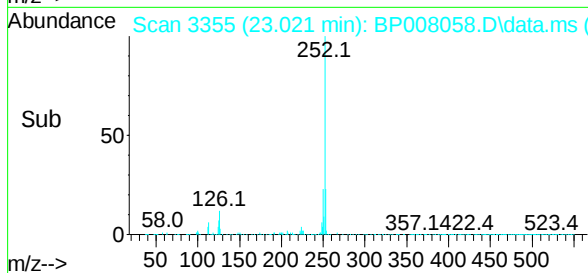
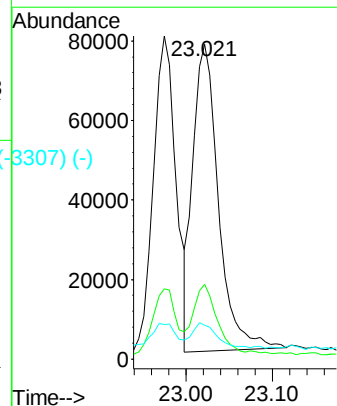
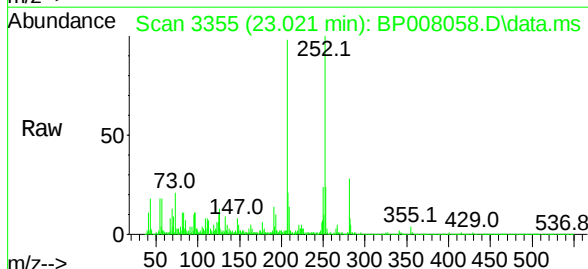
Instrument :
BNA_P
ClientSampleId :
T-132-2

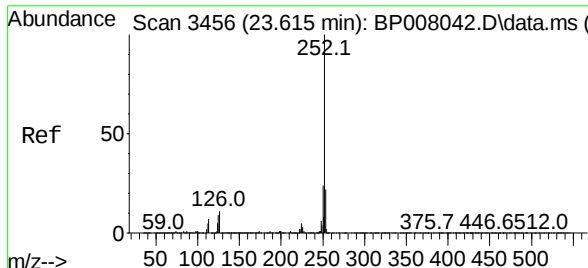
Tgt Ion:	252	Resp:	150013
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	10.7	6.1	9.1#



Benzo(k)fluoranthene
Concen: 3.43 ng
RT: 23.021 min Scan# 3355
Delta R.T. -0.018 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

Tgt Ion:	252	Resp:	157681
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.0
125	10.7	6.2	9.4#

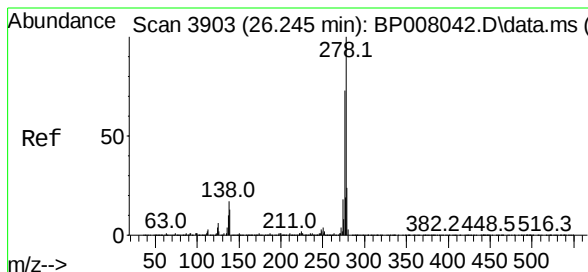
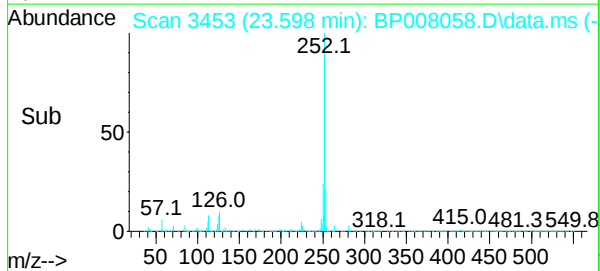
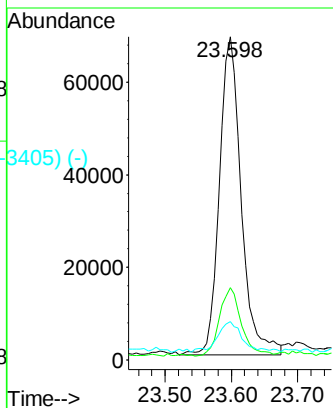
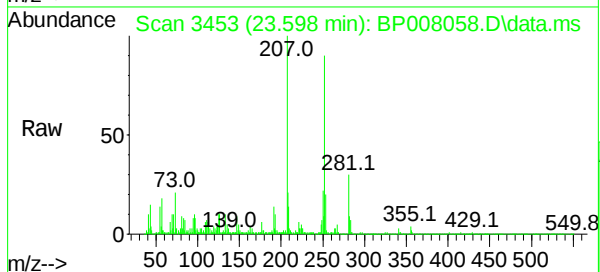




Benzo(a)pyrene
 Concen: 4.00 ng
 RT: 23.598 min Scan# 3405
 Delta R.T. -0.017 min
 Lab File: BP008058.D
 Acq: 20 Nov 2021 15:27

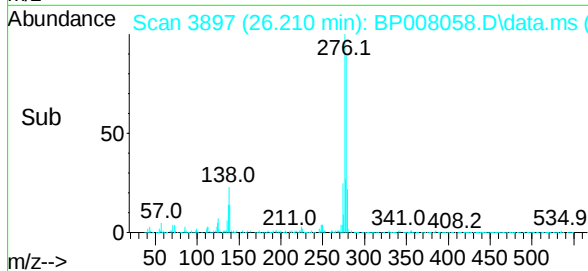
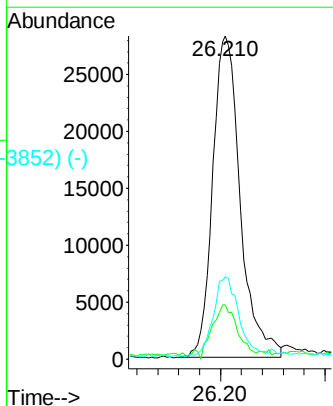
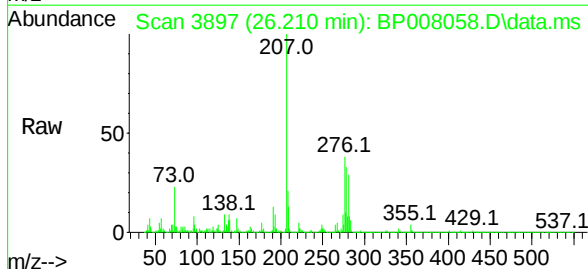
Instrument :
 BNA_P
 ClientSampleId :
 T-132-2

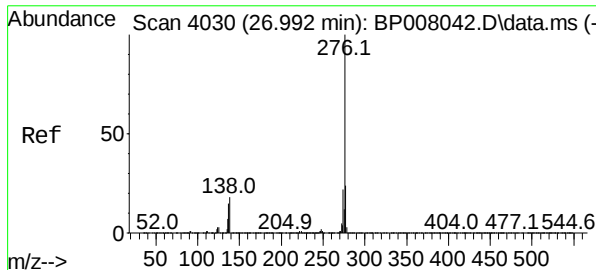
Tgt Ion:	252	Resp:	154945
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	11.9	7.4	11.2#



Dibenzo(a,h)anthracene
 Concen: 2.42 ng
 RT: 26.210 min Scan# 3897
 Delta R.T. -0.035 min
 Lab File: BP008058.D
 Acq: 20 Nov 2021 15:27

Tgt Ion:	278	Resp:	103499
Ion Ratio	Lower	Upper	
278	100		
139	16.7	10.5	15.7#
279	25.5	18.8	28.2





Benzo(g,h,i)perylene
 Concen: 2.47 ng
 RT: 26.951 min Scan# 4092
 Delta R.T. -0.041 min
 Lab File: BP008058.D
 Acq: 20 Nov 2021 15:27

Instrument :
 BNA_P
 ClientSampleId :
 T-132-2

Tgt Ion:276 Resp: 103441
 Ion Ratio Lower Upper
 276 100
 277 22.3 19.0 28.6
 138 17.1 14.2 21.2

