

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008060.D
 Acq On : 20 Nov 2021 16:35
 Operator : CG/JU
 Sample : M4746-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1

Quant Time: Nov 22 05:32:12 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)

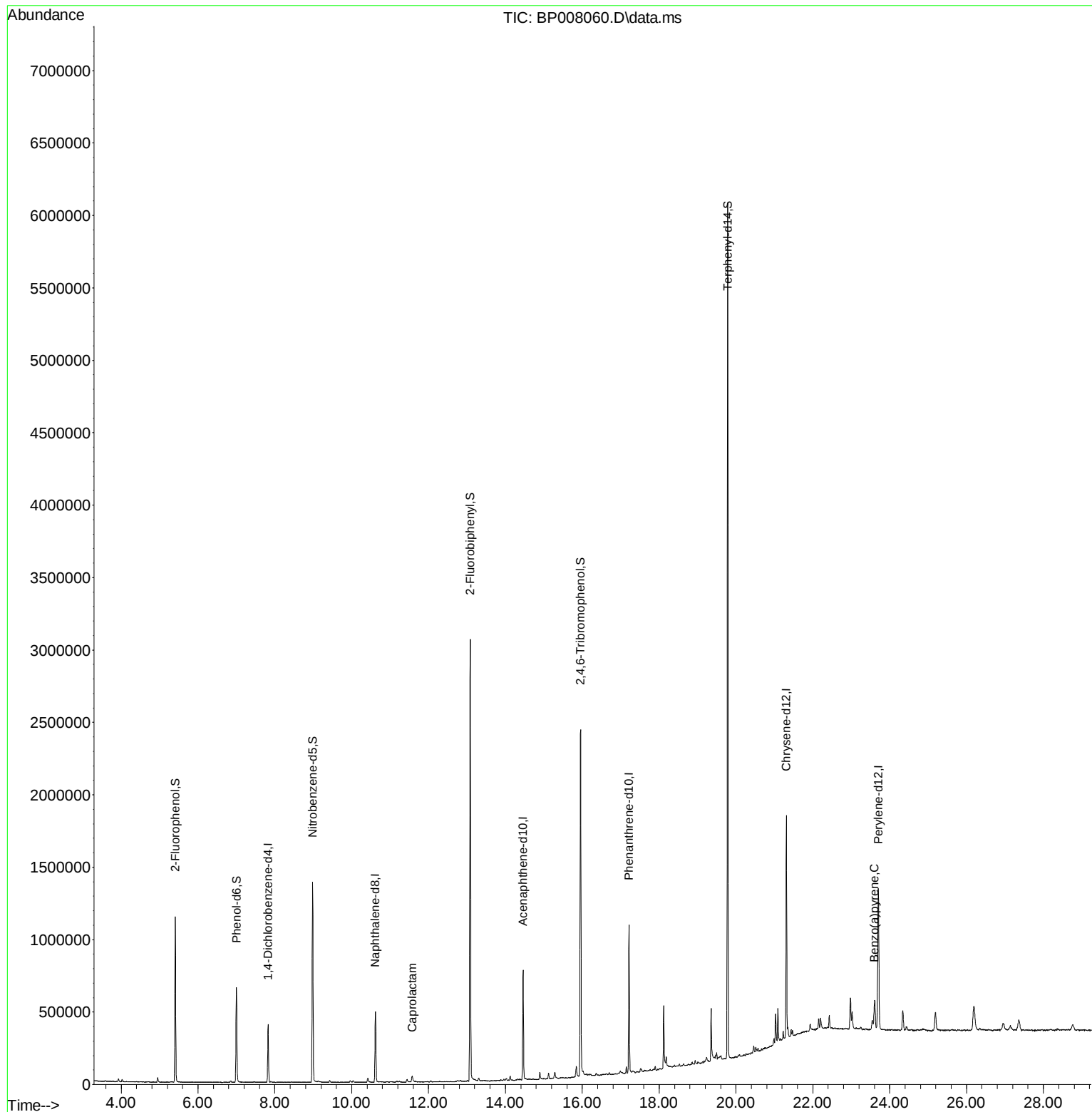
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	101670	20.00	ng	0.00
21) Naphthalene-d8	10.616	136	389735	20.00	ng	-0.01
39) Acenaphthene-d10	14.463	164	260375	20.00	ng	0.00
64) Phenanthrene-d10	17.216	188	599890	20.00	ng	-0.01
76) Chrysene-d12	21.310	240	718381	20.00	ng	-0.01
86) Perylene-d12	23.704	264	785760	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	442822	74.45	ng	0.00
7) Phenol-d6	6.999	99	360489	43.72	ng	-0.01
23) Nitrobenzene-d5	8.981	82	796878	92.76	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	462398	140.33	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1621465	97.51	ng	0.00
79) Terphenyl-d14	19.786	244	2856749	78.18	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.963	77	407	Below Cal	#	62
35) Caprolactam	11.575	113	9103	6.23	ng	99
58) Fluorene	15.516	166	984	Below Cal	#	91
61) 4-Chlorophenyl-phenyle...	15.510	204	102	Below Cal	#	1
82) 3,3'-Dichlorobenzidine	21.233	252	349	Below Cal	#	65
90) Benzo(a)pyrene	23.598	252	87559	2.13	ng	95

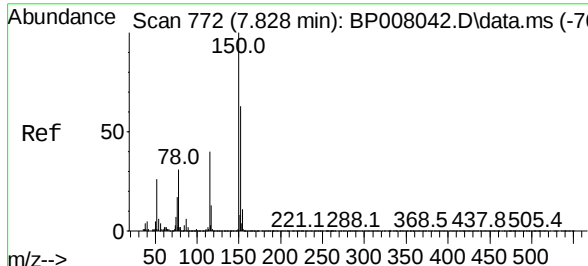
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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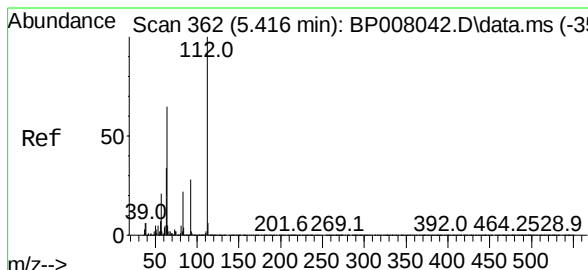
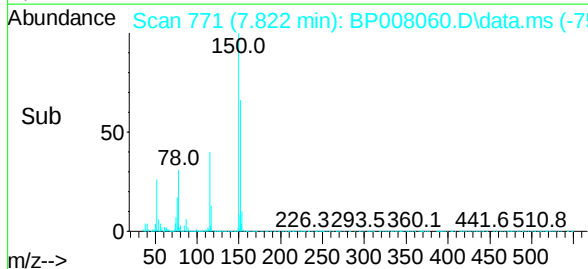
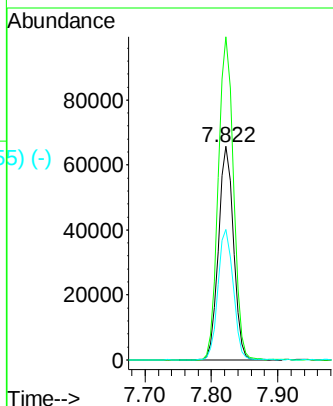
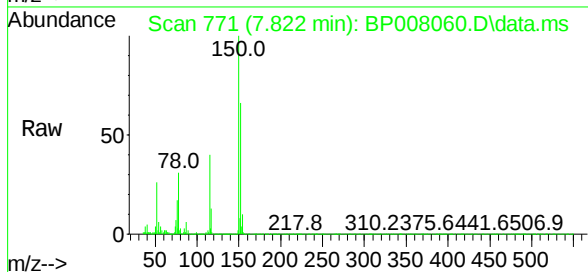




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.822 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP008060.D
 Acq: 20 Nov 2021 16:35

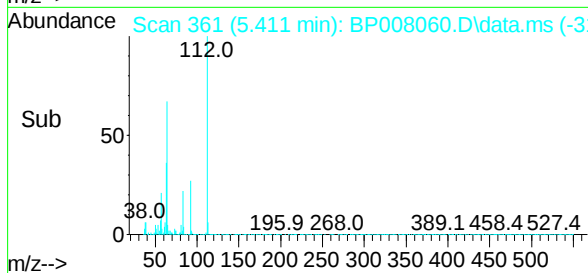
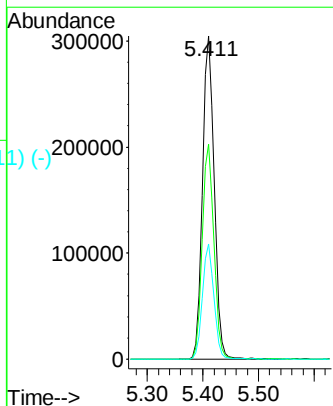
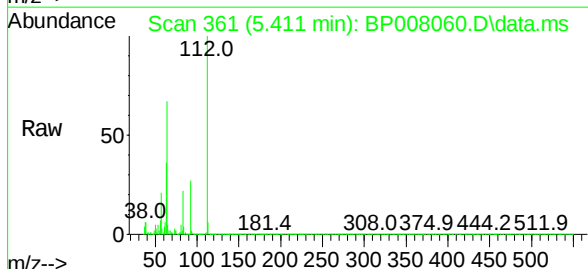
Instrument :
 BNA_P
 ClientSampleId :
 MW-1

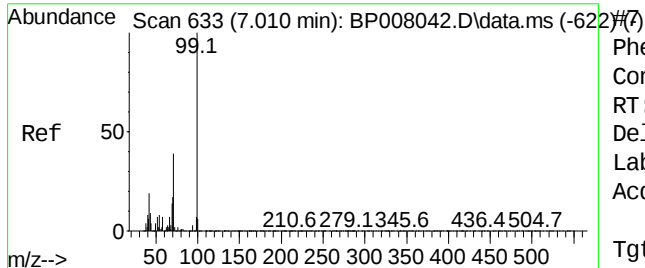
Tgt Ion:	152	Resp:	101670
Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.5	189.7
115	61.1	50.6	75.8



2-Fluorophenol
 Concen: 74.45 ng
 RT: 5.411 min Scan# 361
 Delta R.T. -0.005 min
 Lab File: BP008060.D
 Acq: 20 Nov 2021 16:35

Tgt Ion:	112	Resp:	442822
Ion	Ratio	Lower	Upper
112	100		
64	66.5	51.7	77.5
63	35.6	27.4	41.0





Phenol-d6

Concen: 43.72 ng

RT: 6.999 min Scan#

Delta R.T. -0.011 min

Lab File: BP008060.D

Acq: 20 Nov 2021 16:35

Instrument :

BNA_P

ClientSampleId :

MW-1

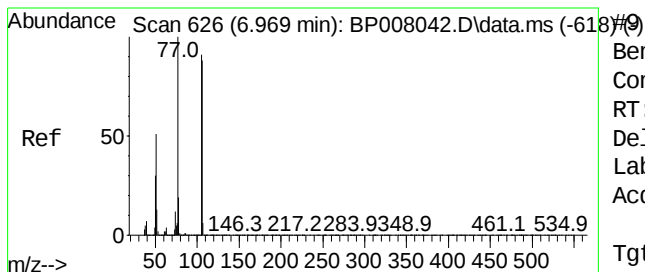
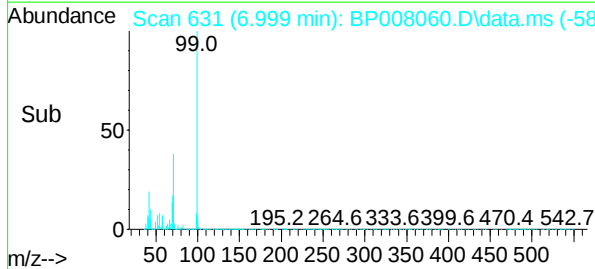
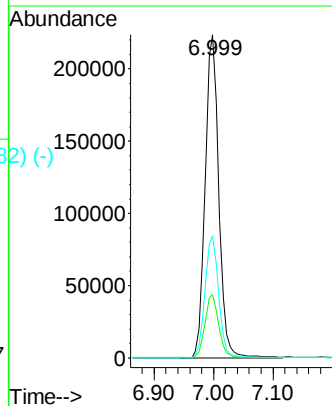
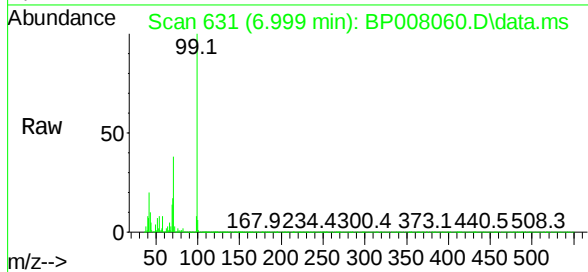
Tgt Ion: 99 Resp: 360489

Ion Ratio Lower Upper

99 100

42 19.6 15.4 23.2

71 37.8 31.0 46.6



Benzaldehyde

Concen: Below Cal

RT: 6.963 min Scan# 625

Delta R.T. -0.006 min

Lab File: BP008060.D

Acq: 20 Nov 2021 16:35

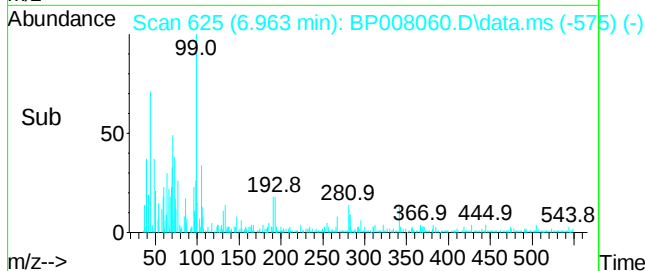
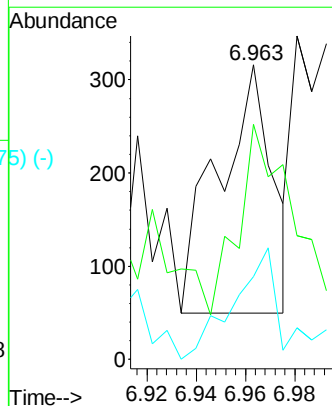
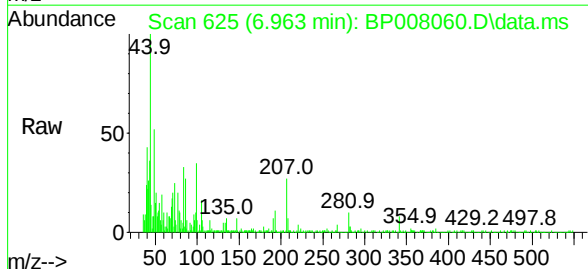
Tgt Ion: 77 Resp: 407

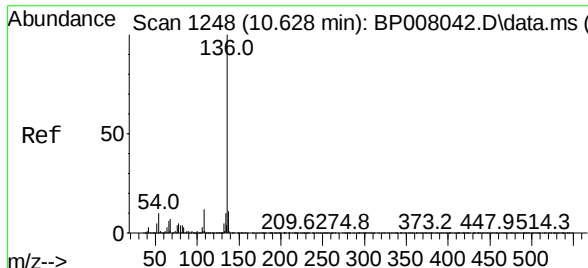
Ion Ratio Lower Upper

77 100

105 79.7 71.5 111.5

106 28.2 67.9 107.9#





Naphthalene-d8

Concen: 20.00 ng

RT: 10.616 min Scan#

Delta R.T. -0.012 min

Lab File: BP008060.D

Acq: 20 Nov 2021 16:35

Instrument :

BNA_P

ClientSampleId :

MW-1

Tgt Ion:136 Resp: 389735

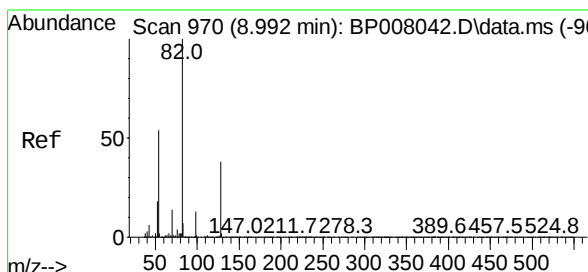
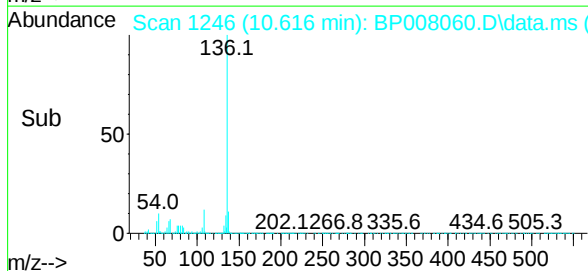
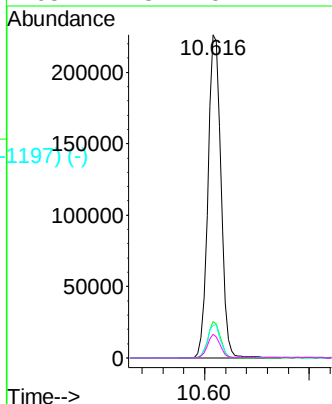
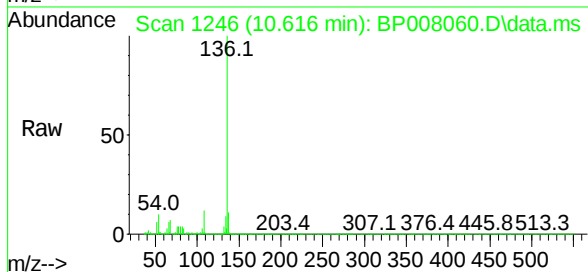
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.1 8.0 12.0

68 7.3 5.2 7.8



Nitrobenzene-d5

Concen: 92.76 ng

RT: 8.981 min Scan# 968

Delta R.T. -0.011 min

Lab File: BP008060.D

Acq: 20 Nov 2021 16:35

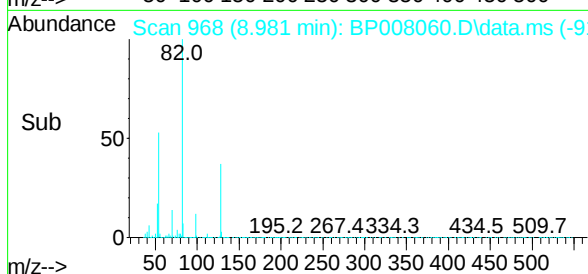
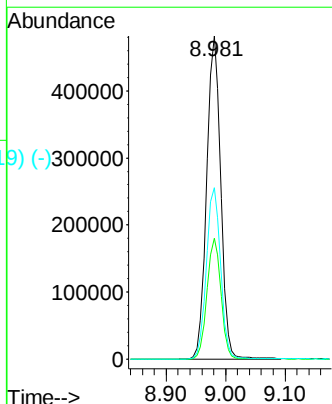
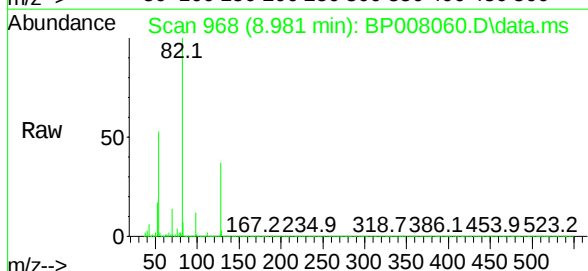
Tgt Ion: 82 Resp: 796878

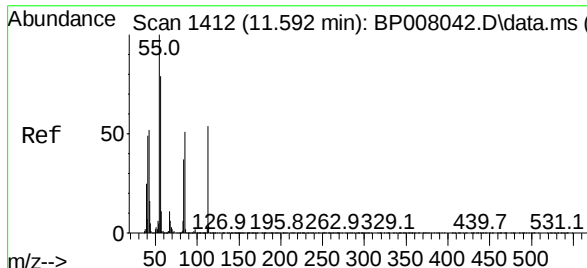
Ion Ratio Lower Upper

82 100

128 37.4 30.2 45.2

54 53.2 43.1 64.7

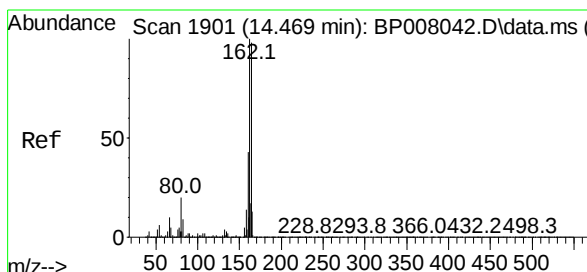
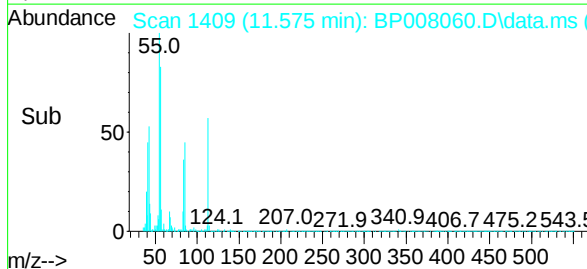
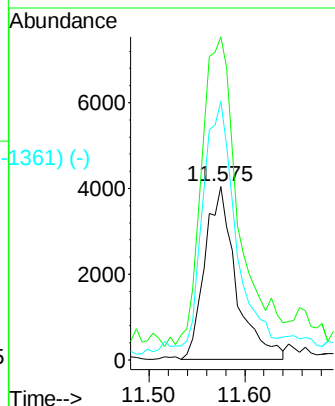
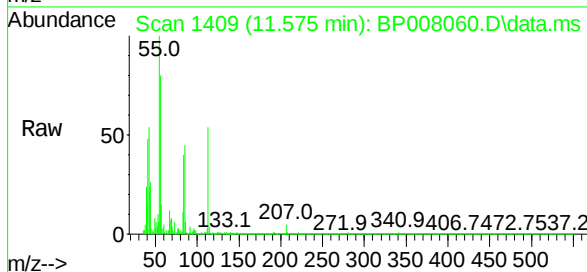




Caprolactam
Concen: 6.23 ng
RT: 11.575 min Scan# 1435
Delta R.T. -0.017 min
Lab File: BP008060.D
Acq: 20 Nov 2021 16:35

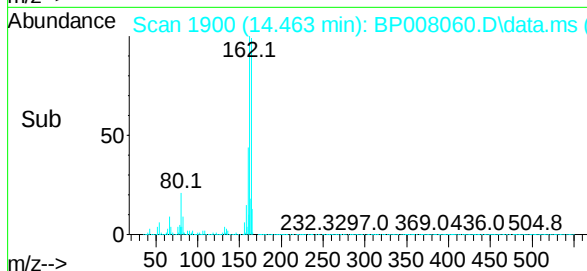
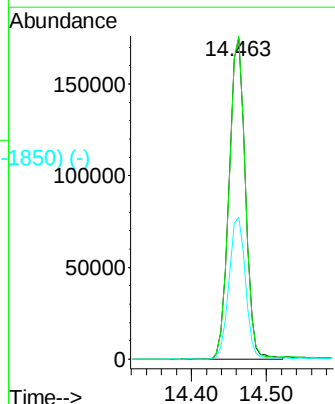
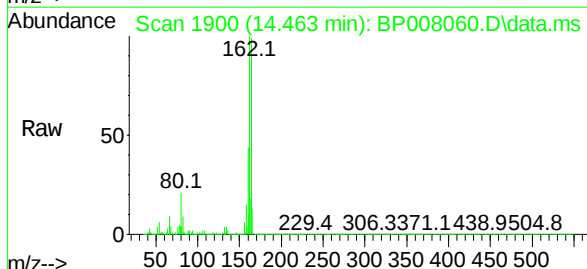
Instrument :
BNA_P
ClientSampleId :
MW-1

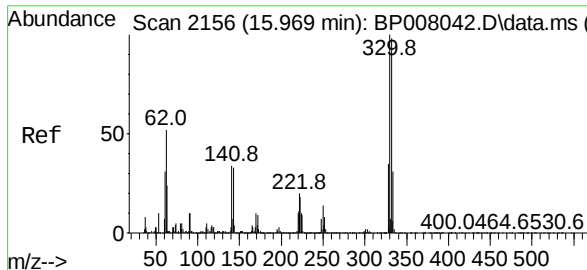
Tgt Ion:	113	Resp:	9103
Ion	Ratio	Lower	Upper
113	100		
55	186.3	166.4	206.4
56	149.1	127.6	167.6



Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BP008060.D
Acq: 20 Nov 2021 16:35

Tgt Ion:	164	Resp:	260375
Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.8	122.8
160	44.2	35.1	52.7

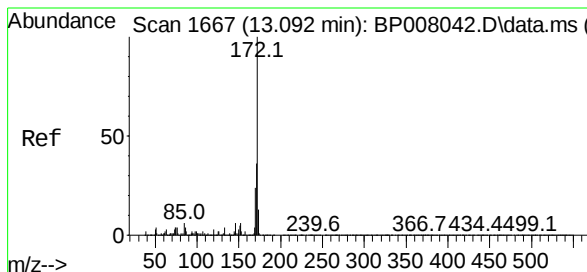
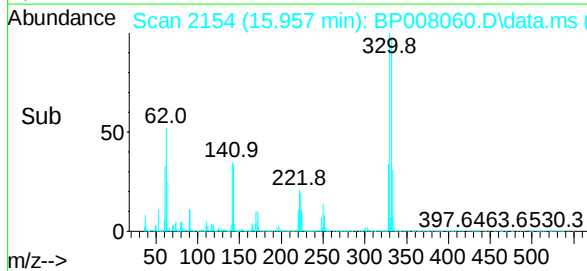
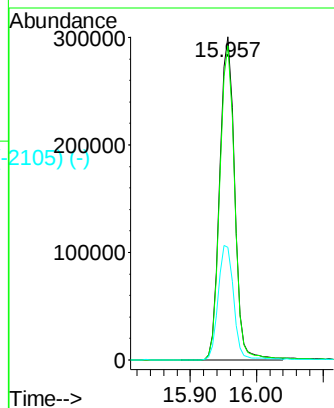
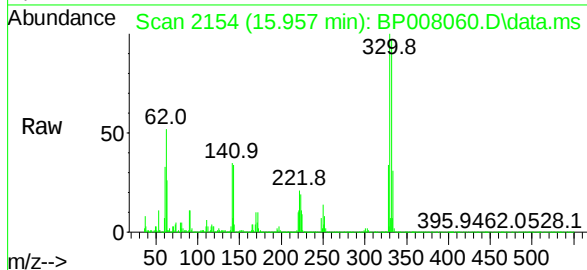




2,4,6-Tribromophenol
 Concen: 140.33 ng
 RT: 15.957 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BP008060.D
 Acq: 20 Nov 2021 16:35

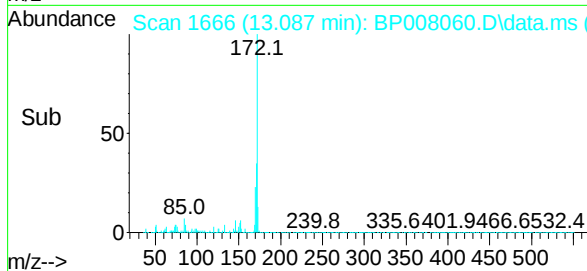
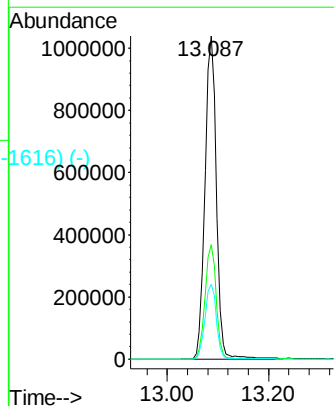
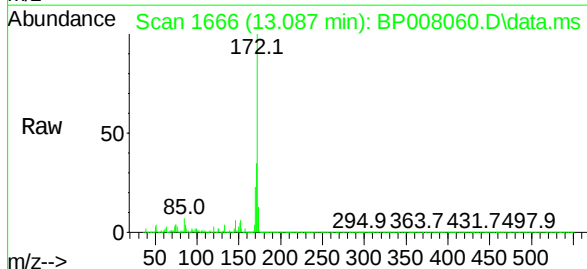
Instrument :
 BNA_P
 ClientSampleId :
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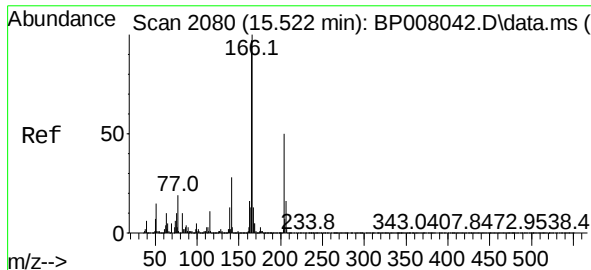
Tgt Ion:	330	Resp:	462398
Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.0	117.0
141	37.2	29.6	44.4



2-Fluorobiphenyl
 Concen: 97.51 ng
 RT: 13.087 min Scan# 1666
 Delta R.T. -0.005 min
 Lab File: BP008060.D
 Acq: 20 Nov 2021 16:35

Tgt Ion:	172	Resp:	1621465
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.2	19.0	28.4

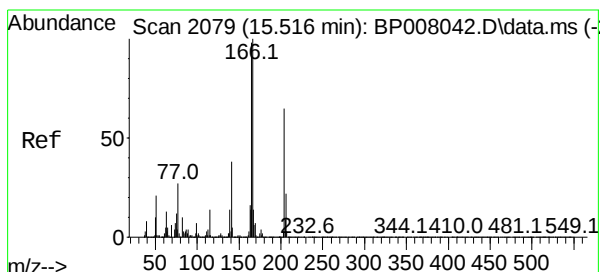
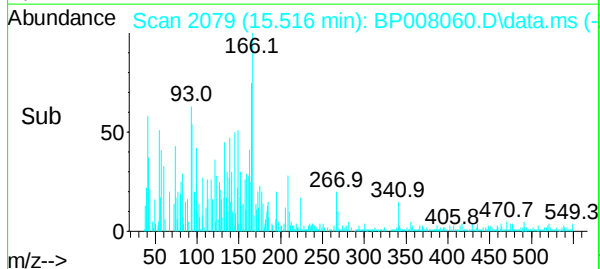
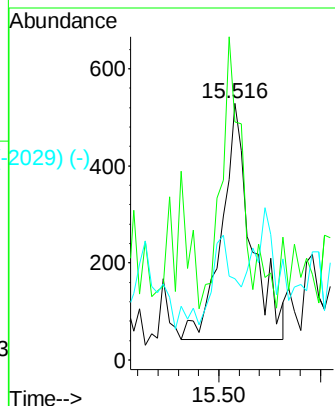
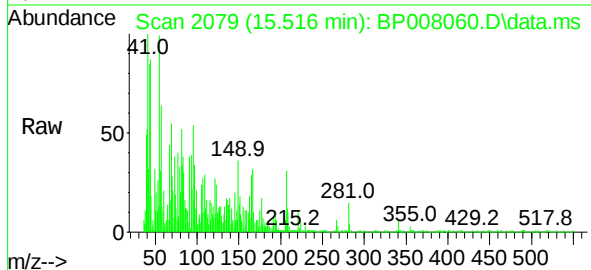




Fluorene
Concen: Below Cal
RT: 15.516 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BP008060.D
Acq: 20 Nov 2021 16:35

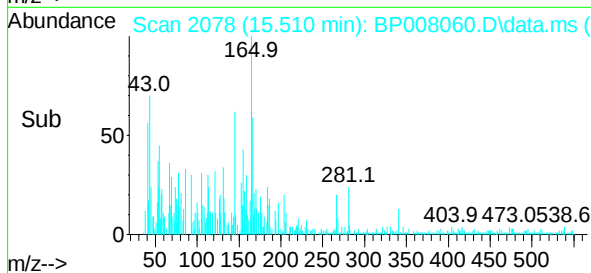
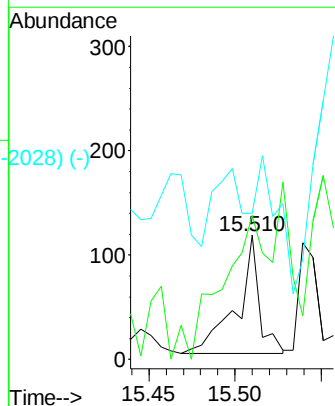
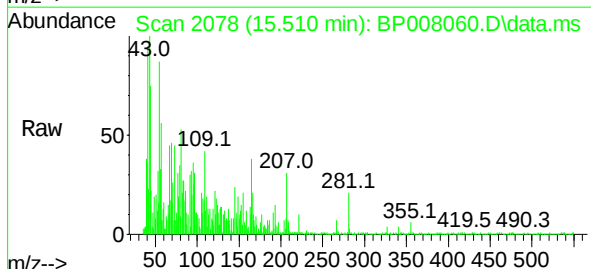
Instrument :
BNA_P
ClientSampleId :
MW-1

Tgt Ion:166 Resp: 984
Ion Ratio Lower Upper
166 100
165 92.6 77.4 116.0
167 31.8 10.7 16.1#

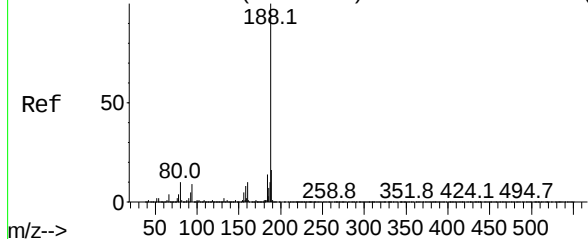


4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.510 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP008060.D
Acq: 20 Nov 2021 16:35

Tgt Ion:204 Resp: 102
Ion Ratio Lower Upper
204 100
206 116.0 27.3 40.9#
141 134.5 46.7 70.1#



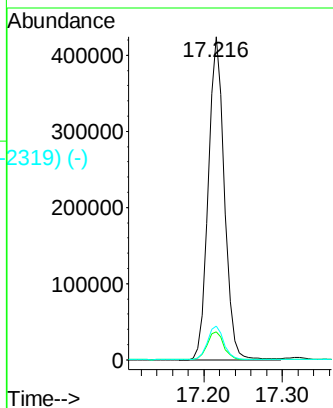
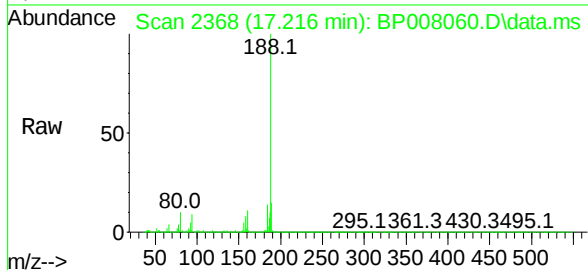
Abundance Scan 2370 (17.227 min): BP008042.D\data.ms (-2364) (-)



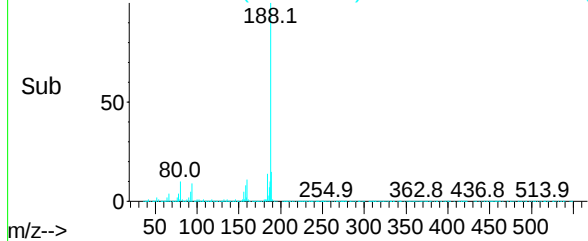
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.216 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP008060.D
Acq: 20 Nov 2021 16:35

Instrument :
BNA_P
ClientSampleId :
MW-1

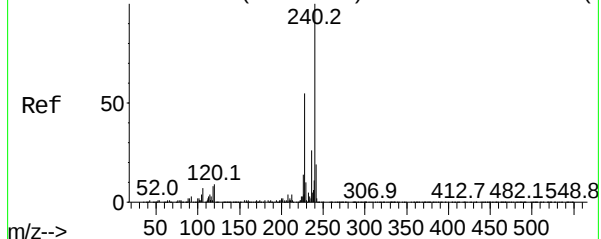
Tgt Ion:188 Resp: 599890
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 10.4 8.1 12.1



Abundance Scan 2368 (17.216 min): BP008060.D\data.ms (-2319) (-)

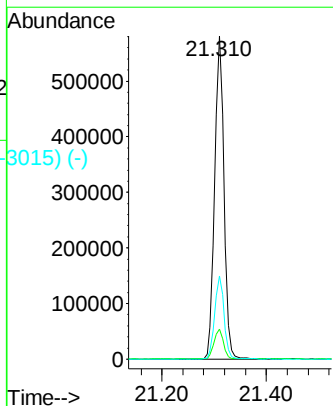
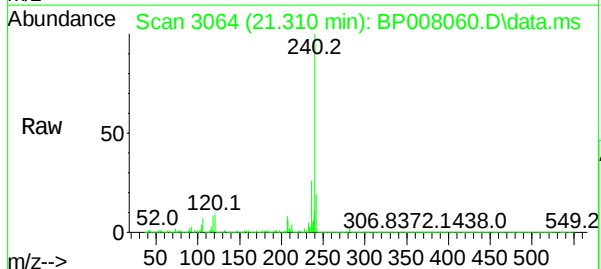


Abundance Scan 3066 (21.321 min): BP008042.D\data.ms (-3055) (-)

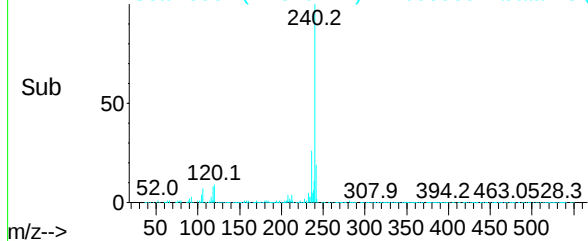


Chrysene-d12
Concen: 20.00 ng
RT: 21.310 min Scan# 3064
Delta R.T. -0.011 min
Lab File: BP008060.D
Acq: 20 Nov 2021 16:35

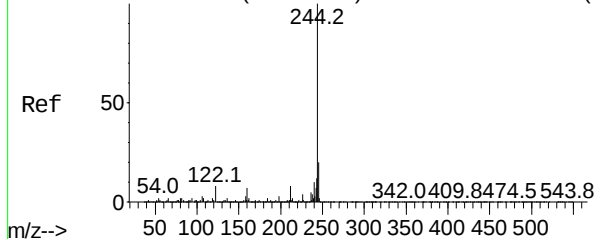
Tgt Ion:240 Resp: 718381
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.2
236 25.6 21.0 31.4



Abundance Scan 3064 (21.310 min): BP008060.D\data.ms (-3015) (-)



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



Terphenyl-d14

Concen: 78.18 ng

RT: 19.786 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP008060.D

Acq: 20 Nov 2021 16:35

Instrument :

BNA_P

ClientSampleId :

MW-1

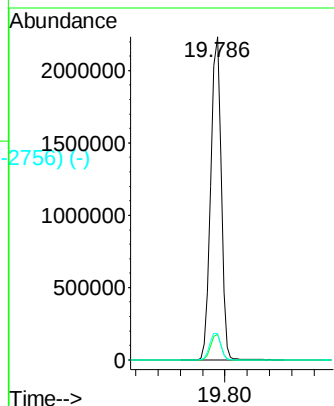
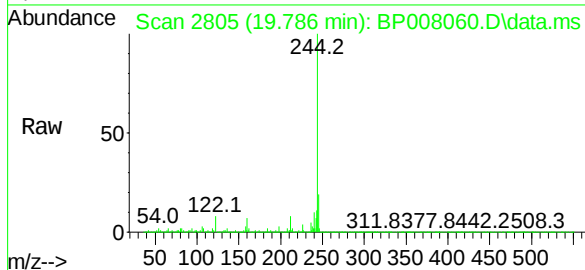
Tgt Ion:244 Resp: 2856749

Ion Ratio Lower Upper

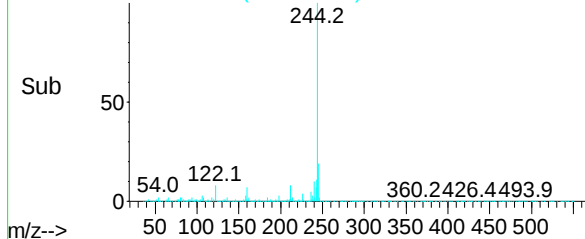
244 100

212 7.9 6.3 9.5

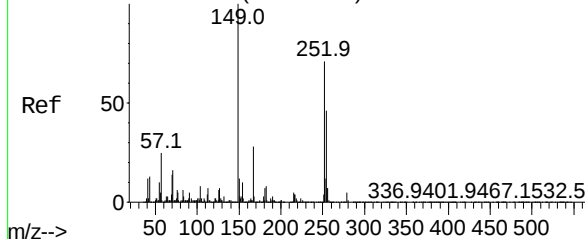
122 8.1 6.1 9.1



Abundance Scan 2805 (19.786 min): BP008060.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: BP008060.D

Acq: 20 Nov 2021 16:35

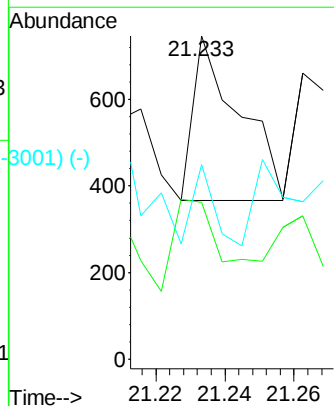
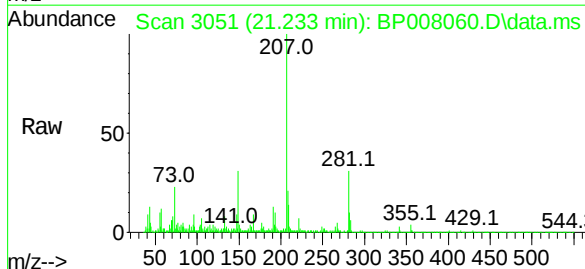
Tgt Ion:252 Resp: 349

Ion Ratio Lower Upper

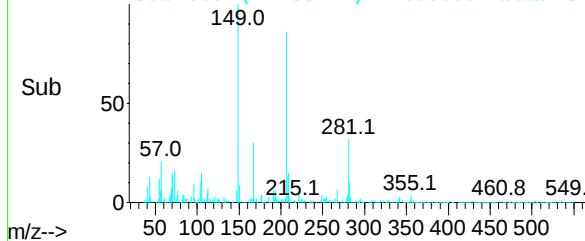
252 100

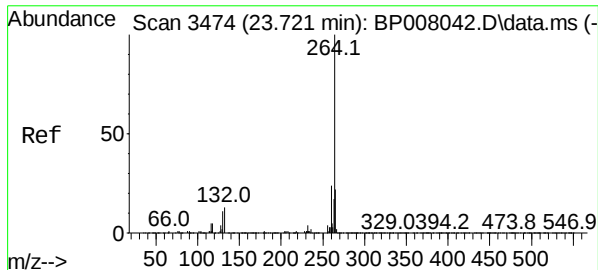
254 48.5 51.8 77.8#

126 60.2 7.2 10.8#



Abundance Scan 3051 (21.233 min): BP008060.D\data.ms (-3001) (-)

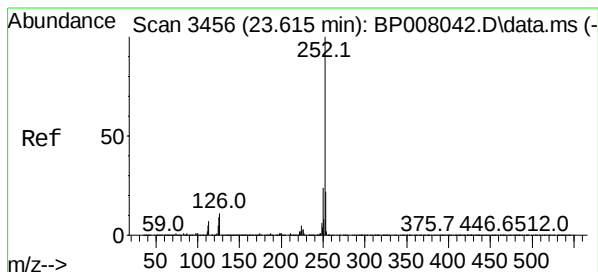
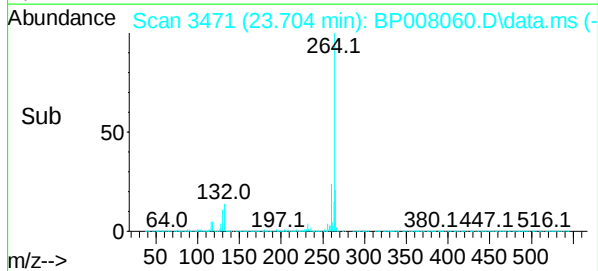
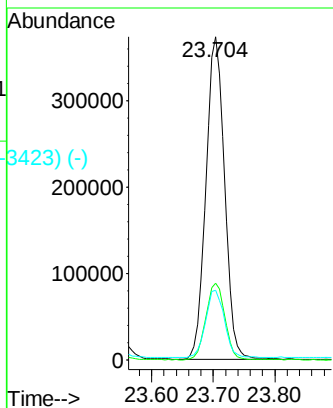
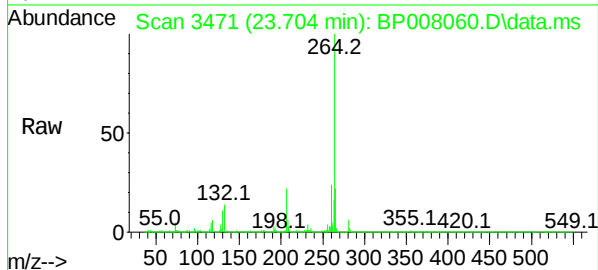




Perylene-d12
Concen: 20.00 ng
RT: 23.704 min Scan# 3474
Delta R.T. -0.017 min
Lab File: BP008060.D
Acq: 20 Nov 2021 16:35

Instrument :
BNA_P
ClientSampleId :
MW-1

Tgt Ion:	264	Resp:	785760
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.0	28.6
265	21.6	17.7	26.5



Benzo(a)pyrene
Concen: 2.13 ng
RT: 23.598 min Scan# 3453
Delta R.T. -0.017 min
Lab File: BP008060.D
Acq: 20 Nov 2021 16:35

Tgt Ion:	252	Resp:	87559
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.2
125	10.6	7.4	11.2

