

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008059.D
 Acq On : 20 Nov 2021 16:01
 Operator : CG/JU
 Sample : M4768-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-3

Quant Time: Nov 22 05:31:57 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)

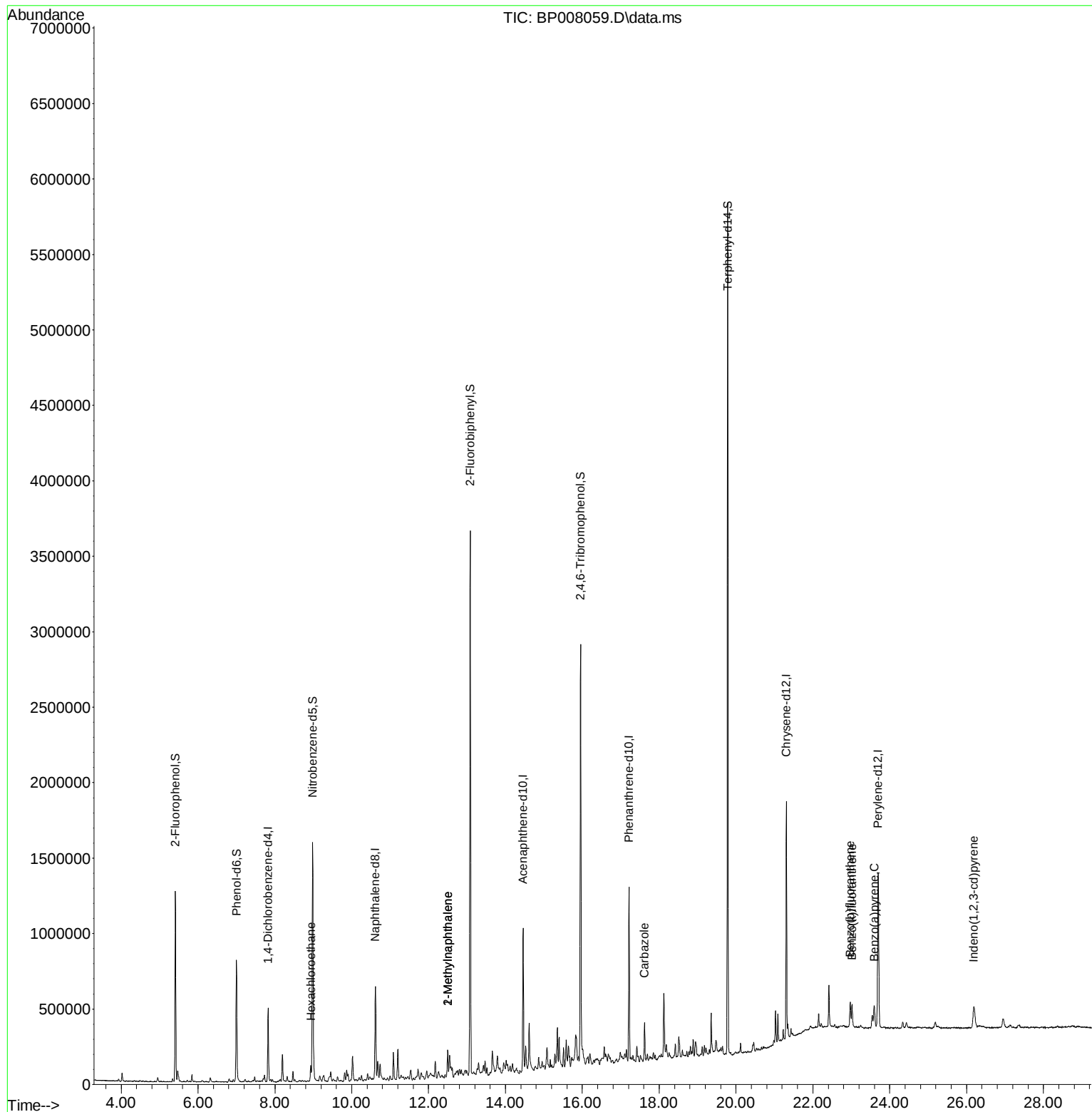
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	123933	20.00	ng	0.00
21) Naphthalene-d8	10.616	136	467867	20.00	ng	-0.01
39) Acenaphthene-d10	14.463	164	303180	20.00	ng	0.00
64) Phenanthrene-d10	17.216	188	664648	20.00	ng	-0.01
76) Chrysene-d12	21.309	240	742811	20.00	ng	-0.01
86) Perylene-d12	23.698	264	810363	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	490951	67.71	ng	0.00
7) Phenol-d6	6.998	99	436107	43.39	ng	-0.01
23) Nitrobenzene-d5	8.981	82	916892	88.90	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	508549	132.54	ng	-0.01
45) 2-Fluorobiphenyl	13.086	172	1829602	94.49	ng	0.00
79) Terphenyl-d14	19.786	244	2631544	69.65	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.975	77	763	Below Cal	#	1
18) Hexachloroethane	8.934	117	30082	8.91	ng	# 29
37) 2-Methylnaphthalene	12.498	142	70795	4.03	ng	94
38) 1-Methylnaphthalene	12.498	142	70921	4.13	ng	# 96
58) Fluorene	15.510	166	47731	Below Cal	#	95
61) 4-Chlorophenyl-phenyle...	15.533	204	218	Below Cal	#	1
73) Carbazole	17.621	167	151073	4.20	ng	98
82) 3,3'-Dichlorobenzidine	21.215	252	424	Below Cal	#	47
87) Indeno(1,2,3-cd)pyrene	26.192	276	123191	2.19	ng	97
88) Benzo(b)fluoranthene	22.974	252	119116	2.35	ng	98
89) Benzo(k)fluoranthene	23.021	252	114488	2.27	ng	99
90) Benzo(a)pyrene	23.598	252	115239	2.71	ng	97

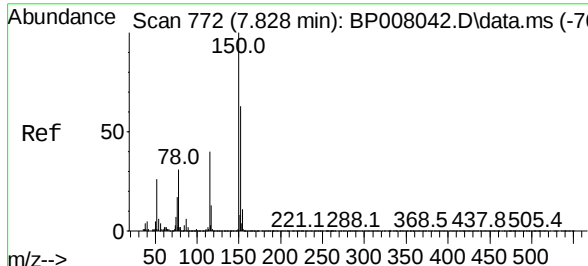
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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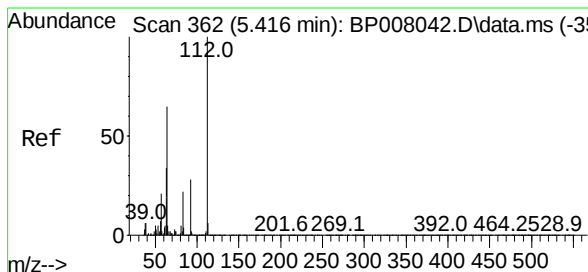
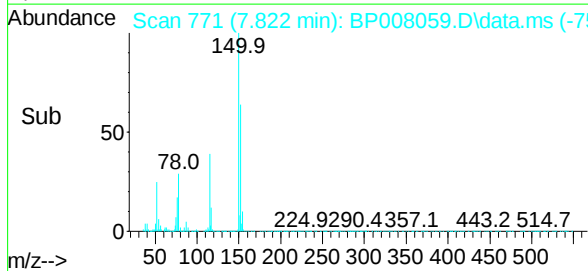
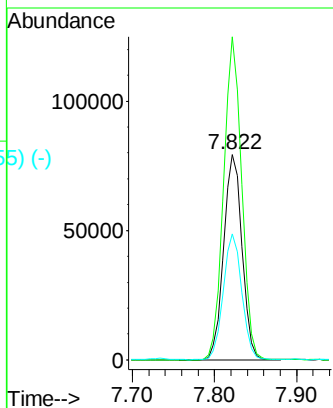
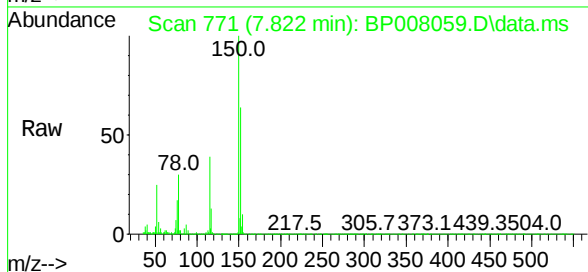




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.822 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP008059.D
 Acq: 20 Nov 2021 16:01

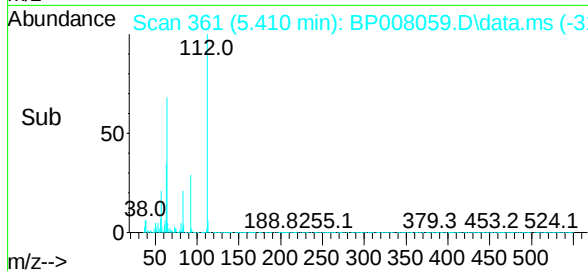
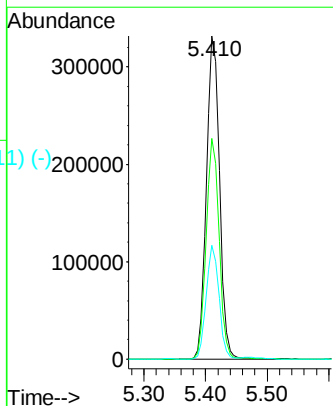
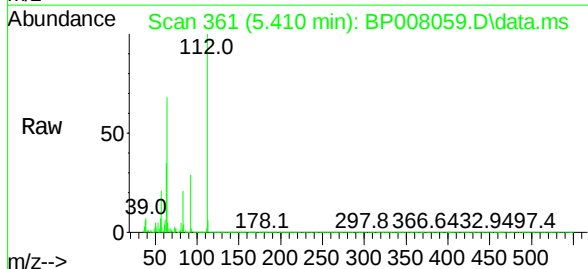
Instrument :
 BNA_P
 ClientSampleId :
 MW-3

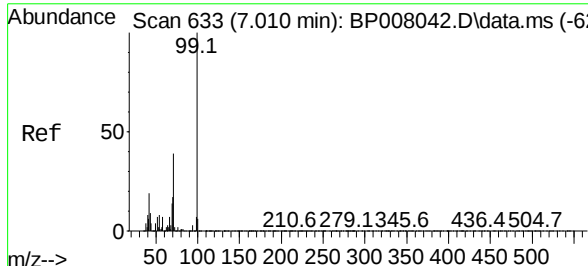
Tgt Ion:	152	Resp:	123933
Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.5	189.7
115	61.5	50.6	75.8



2-Fluorophenol
 Concen: 67.71 ng
 RT: 5.410 min Scan# 361
 Delta R.T. -0.006 min
 Lab File: BP008059.D
 Acq: 20 Nov 2021 16:01

Tgt Ion:	112	Resp:	490951
Ion	Ratio	Lower	Upper
112	100		
64	68.4	51.7	77.5
63	35.3	27.4	41.0

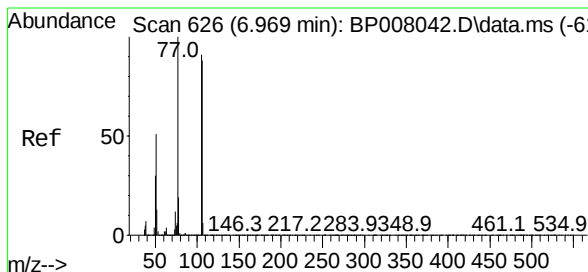
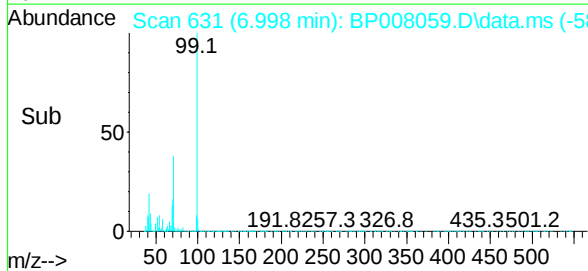
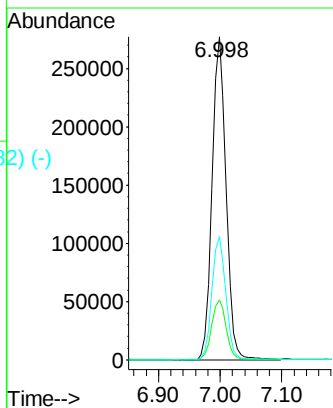
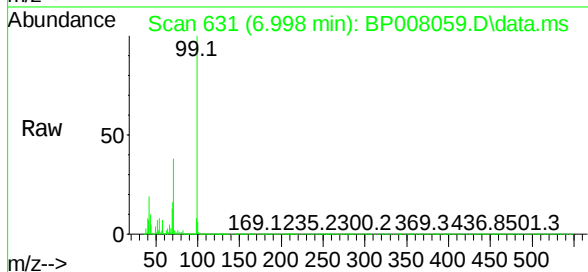




Phenol-d6
 Concen: 43.39 ng
 RT: 6.998 min Scan# 631
 Delta R.T. -0.012 min
 Lab File: BP008059.D
 Acq: 20 Nov 2021 16:01

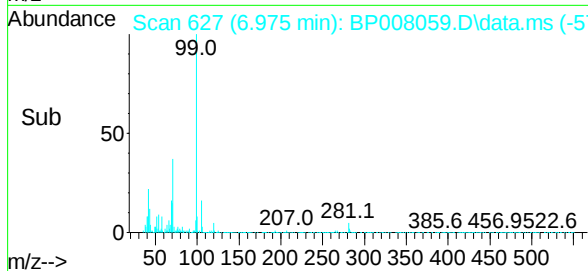
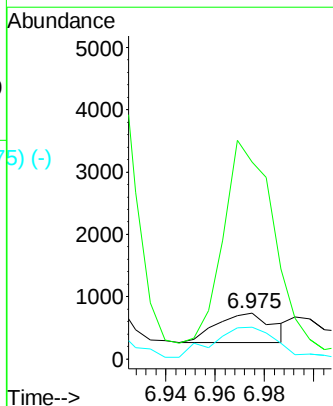
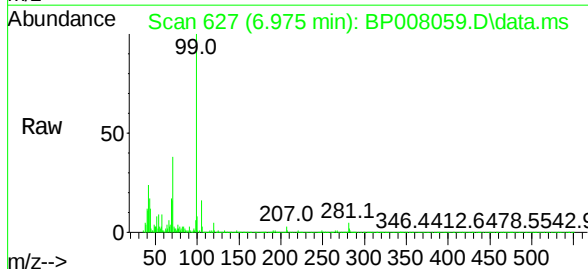
Instrument :
 BNA_P
 ClientSampleId :
 MW-3

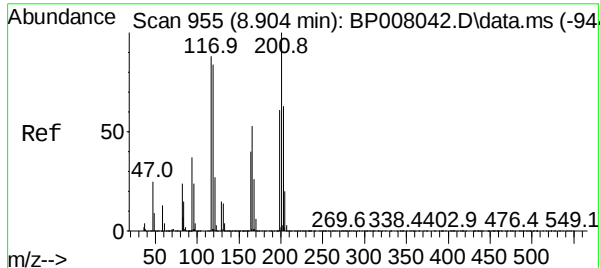
Tgt Ion:	99	Resp:	436107
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.4	23.2
71	38.1	31.0	46.6



Benzaldehyde
 Concen: Below Cal
 RT: 6.975 min Scan# 627
 Delta R.T. 0.006 min
 Lab File: BP008059.D
 Acq: 20 Nov 2021 16:01

Tgt Ion:	77	Resp:	763
Ion	Ratio	Lower	Upper
77	100		
105	427.5	71.5	111.5#
106	69.4	67.9	107.9

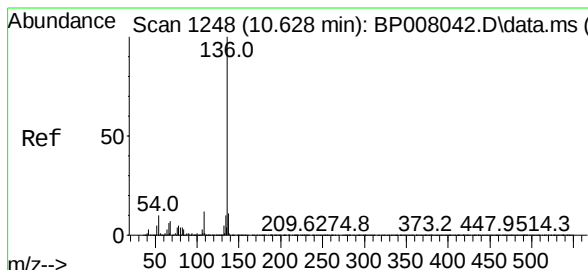
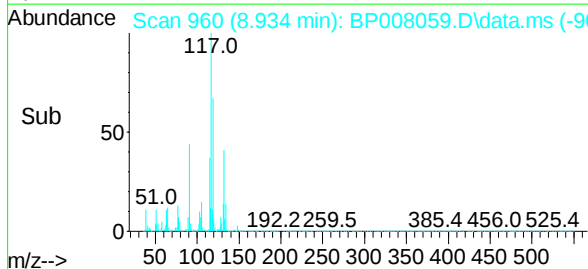
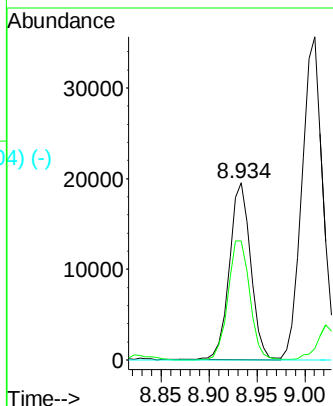
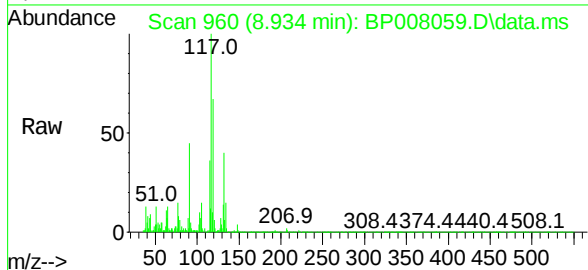




Hexachloroethane
Concen: 8.91 ng
RT: 8.934 min Scan# 118
Delta R.T. 0.030 min
Lab File: BP008059.D
Acq: 20 Nov 2021 16:01

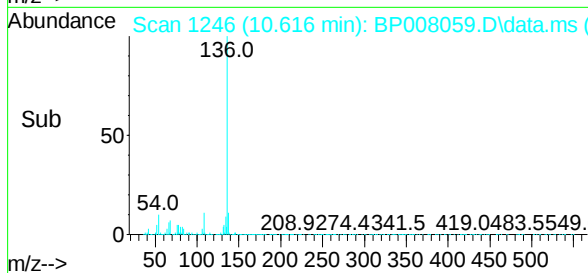
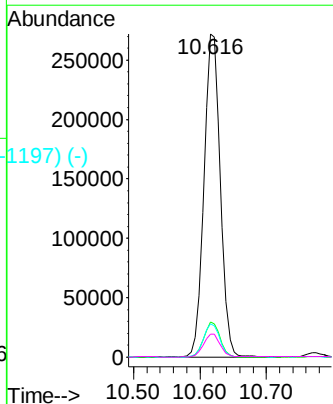
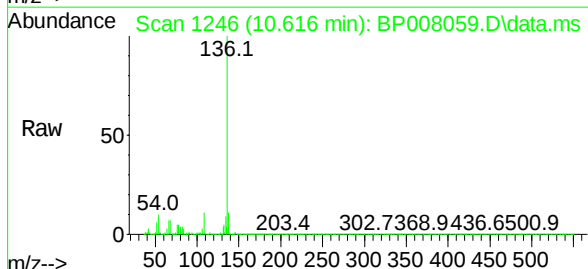
Instrument :
BNA_P
ClientSampleId :
MW-3

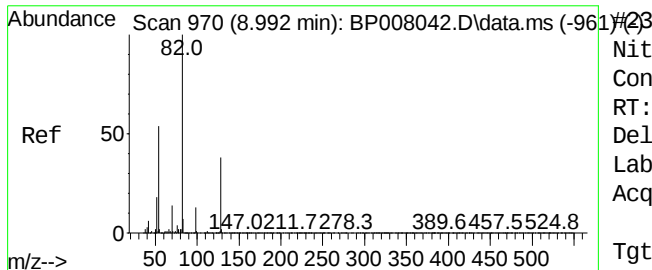
Tgt Ion:117 Resp: 30082
Ion Ratio Lower Upper
117 100
119 67.0 76.6 115.0#
201 0.0 90.7 136.1#



Naphthalene-d8
Concen: 20.00 ng
RT: 10.616 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BP008059.D
Acq: 20 Nov 2021 16:01

Tgt Ion:136 Resp: 467867
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.2 8.0 12.0
68 7.1 5.2 7.8





Nitrobenzene-d5

Concen: 88.90 ng

RT: 8.981 min Scan#

Delta R.T. -0.011 min

Lab File: BP008059.D

Acq: 20 Nov 2021 16:01

Instrument :

BNA_P

ClientSampleId :

MW-3

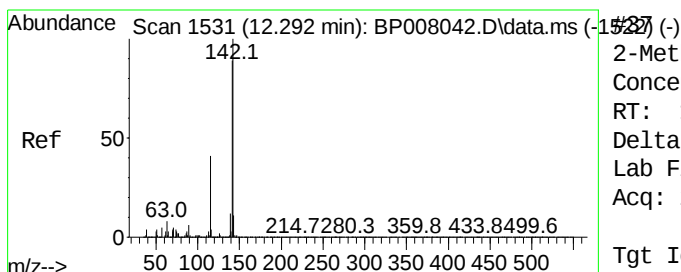
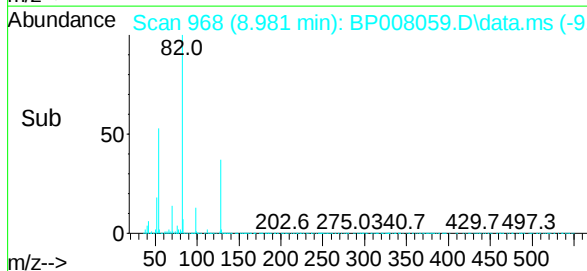
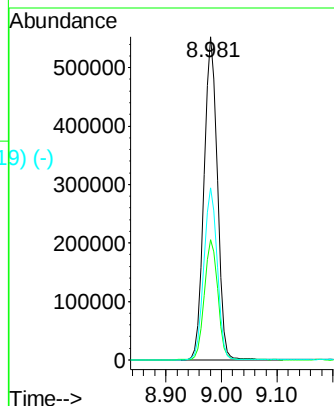
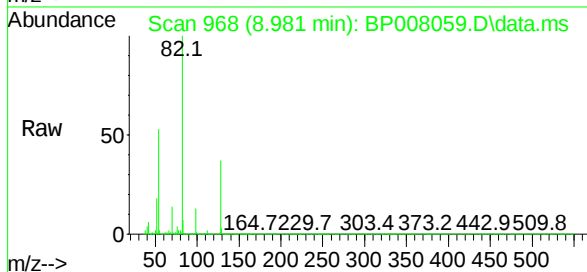
Tgt Ion: 82 Resp: 916892

Ion Ratio Lower Upper

82 100

128 37.3 30.2 45.2

54 53.3 43.1 64.7



2-Methylnaphthalene

Concen: 4.03 ng

RT: 12.498 min Scan# 1566

Delta R.T. 0.206 min

Lab File: BP008059.D

Acq: 20 Nov 2021 16:01

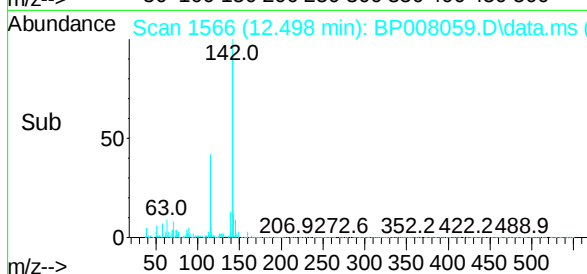
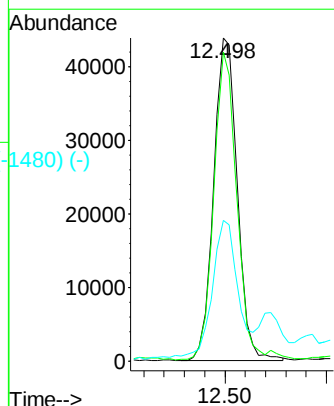
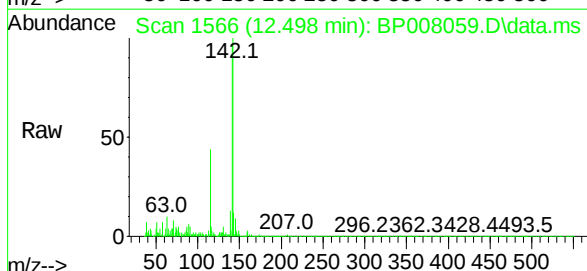
Tgt Ion:142 Resp: 70795

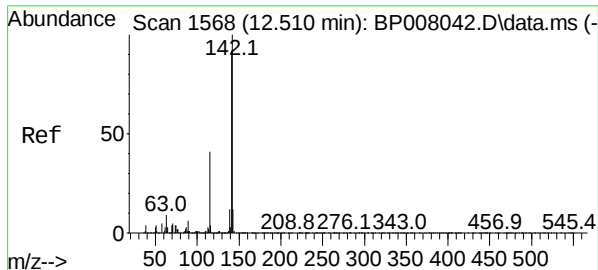
Ion Ratio Lower Upper

142 100

141 95.6 71.6 107.4

115 43.5 32.4 48.6

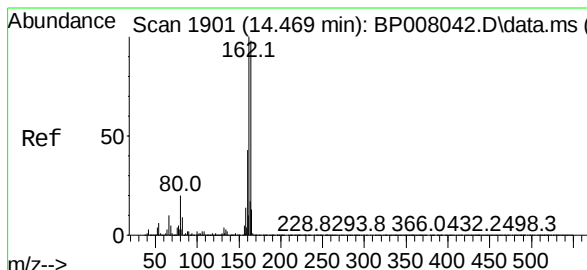
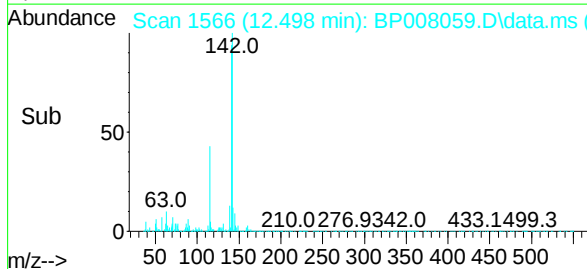
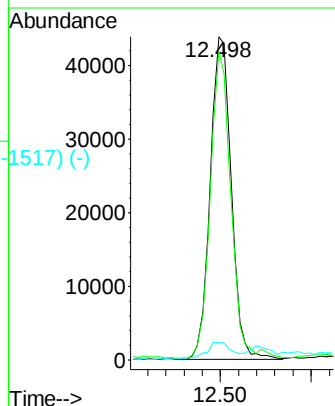
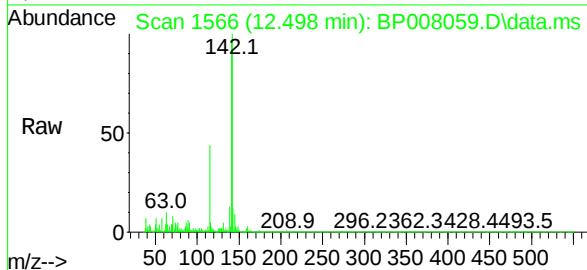




1-Methylnaphthalene
Concen: 4.13 ng
RT: 12.498 min Scan# 1538
Delta R.T. -0.012 min
Lab File: BP008059.D
Acq: 20 Nov 2021 16:01

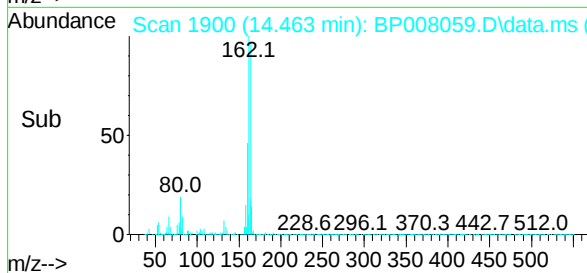
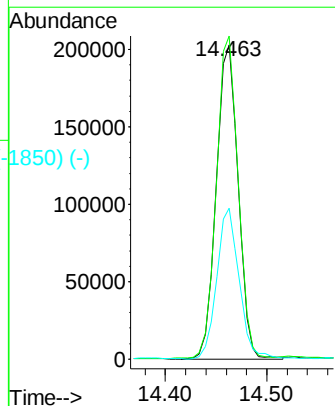
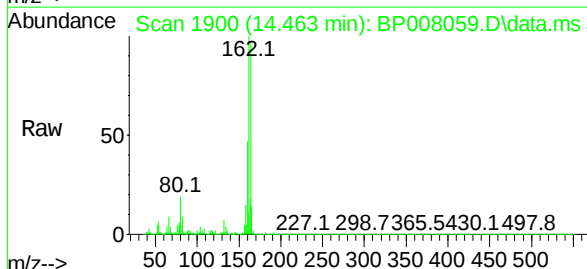
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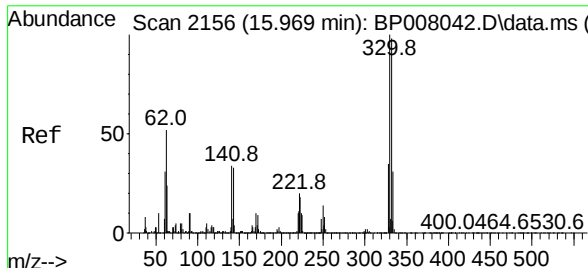
Tgt Ion:142 Resp: 70921
Ion Ratio Lower Upper
142 100
141 95.6 73.8 110.6
116 5.3 3.5 5.3#



Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BP008059.D
Acq: 20 Nov 2021 16:01

Tgt Ion:164 Resp: 303180
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.8
160 48.1 35.1 52.7

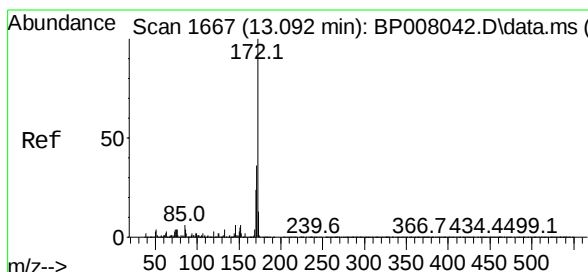
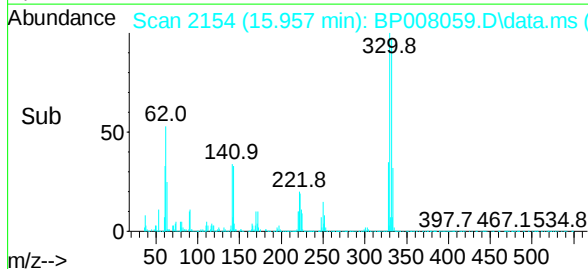
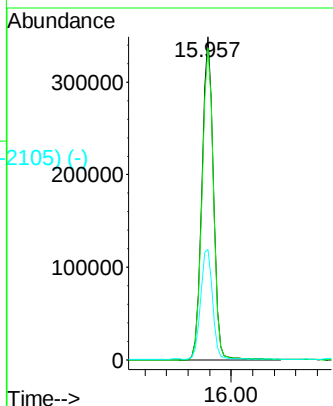
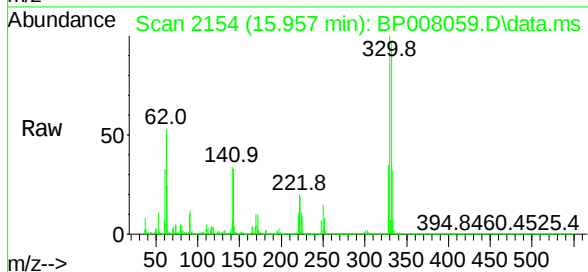




Scan 2156 (15.969 min): BP008042.D\data.ms (-2148) (-)
 2,4,6-Tribromophenol
 Concen: 132.54 ng
 RT: 15.957 min Scan# 2156
 Delta R.T. -0.012 min
 Lab File: BP008059.D
 Acq: 20 Nov 2021 16:01

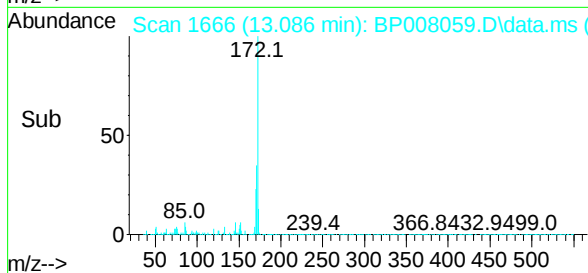
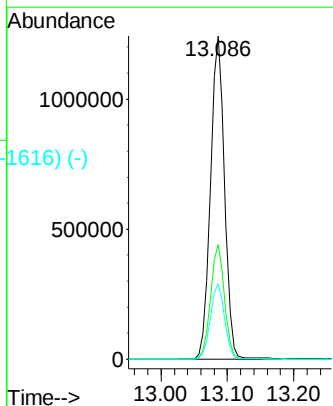
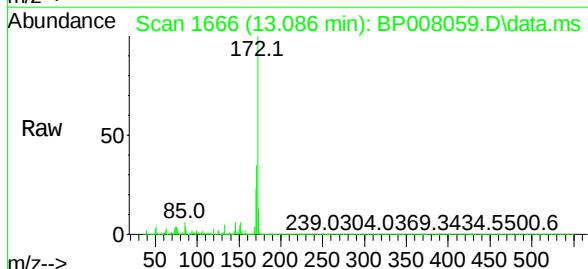
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Tgt Ion:	330	Resp:	508549
Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	35.2	29.6	44.4



Scan 1667 (13.092 min): BP008042.D\data.ms (-1655) (-)
 2-Fluorobiphenyl
 Concen: 94.49 ng
 RT: 13.086 min Scan# 1666
 Delta R.T. -0.006 min
 Lab File: BP008059.D
 Acq: 20 Nov 2021 16:01

Tgt Ion:	172	Resp:	1829602
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.4	19.0	28.4



Abundance Scan 2079 (15.516 min): BP008042.D\data.ms (-2069) (-)

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 15.533 min Scan# 2079

Delta R.T. 0.017 min

Lab File: BP008059.D

Acq: 20 Nov 2021 16:01

Instrument :

BNA_P

ClientSampleId :

MW-3

Tgt Ion:204 Resp: 218

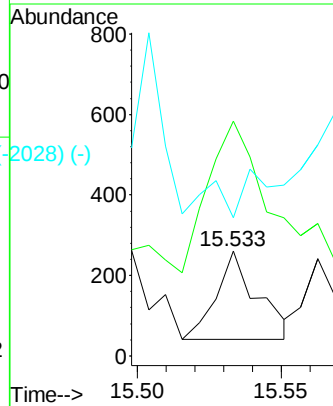
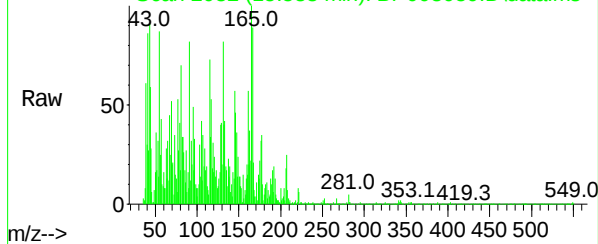
Ion Ratio Lower Upper

204 100

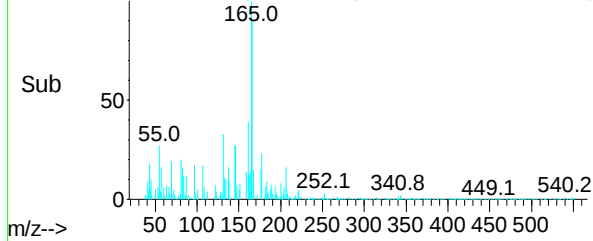
206 223.8 27.3 40.9#

141 131.4 46.7 70.1#

Abundance Scan 2082 (15.533 min): BP008059.D\data.ms



Abundance Scan 2082 (15.533 min): BP008059.D\data.ms (-2028) (-)



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: BP008059.D

Acq: 20 Nov 2021 16:01

Tgt Ion:188 Resp: 664648

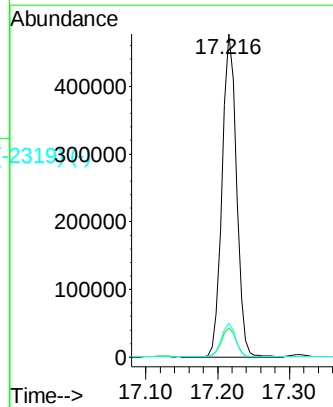
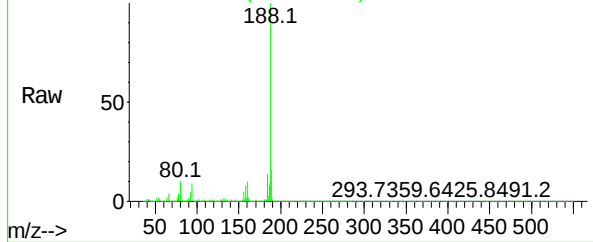
Ion Ratio Lower Upper

188 100

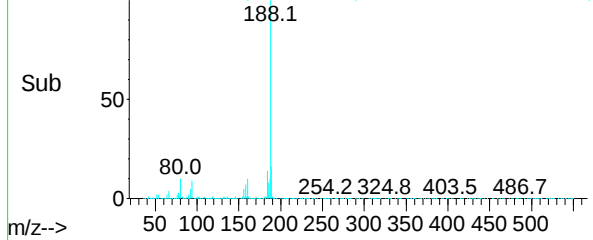
94 9.0 7.1 10.7

80 10.4 8.1 12.1

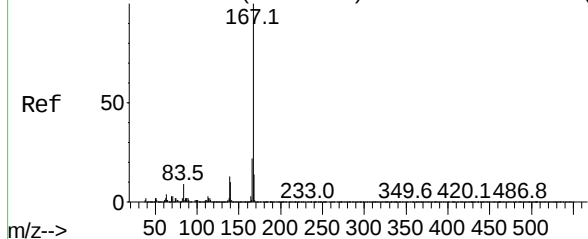
Abundance Scan 2368 (17.216 min): BP008059.D\data.ms



Abundance Scan 2368 (17.216 min): BP008059.D\data.ms (-2319) (-)



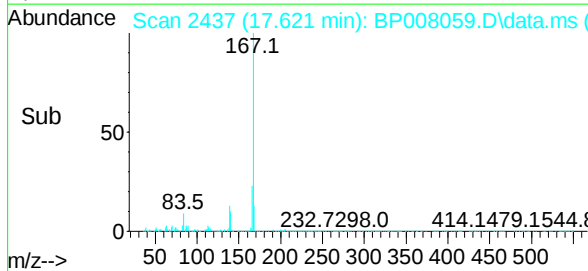
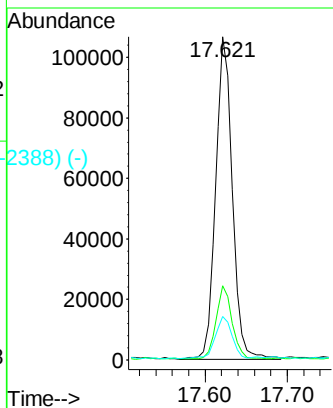
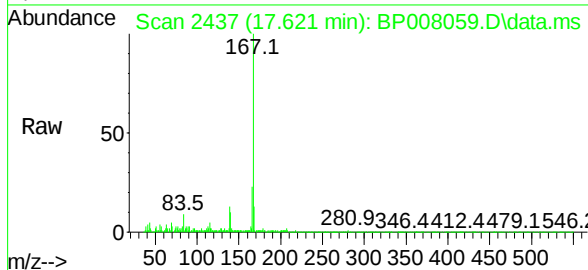
Abundance Scan 2439 (17.633 min): BP008042.D\data.ms (-2479) (-)



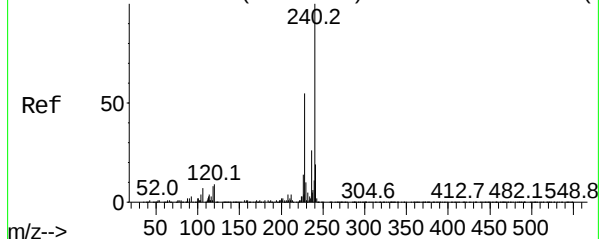
Carbazole
Concen: 4.20 ng
RT: 17.621 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008059.D
Acq: 20 Nov 2021 16:01

Instrument :
BNA_P
ClientSampleId :
MW-3

Tgt Ion:	167	Resp:	151073
Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.5	26.3
139	13.5	10.4	15.6

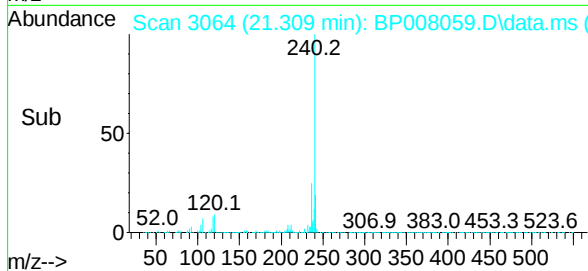
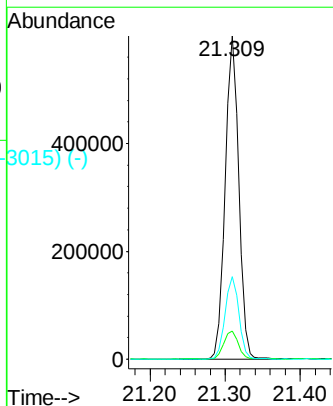
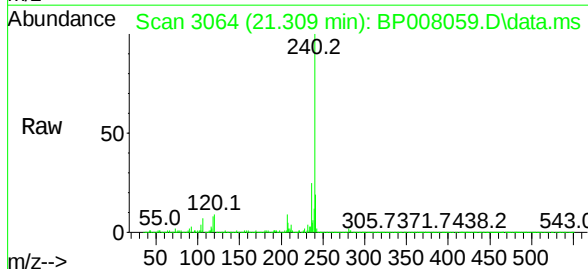


Abundance Scan 3066 (21.321 min): BP008042.D\data.ms (-3055) (-)

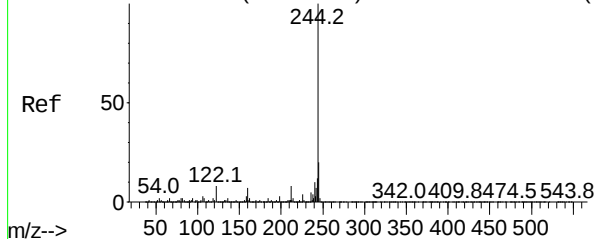


Chrysene-d12
Concen: 20.00 ng
RT: 21.309 min Scan# 3064
Delta R.T. -0.012 min
Lab File: BP008059.D
Acq: 20 Nov 2021 16:01

Tgt Ion:	240	Resp:	742811
Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.4	11.2
236	25.4	21.0	31.4



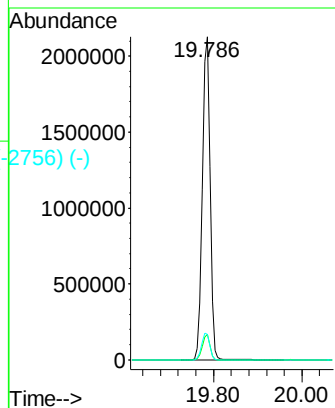
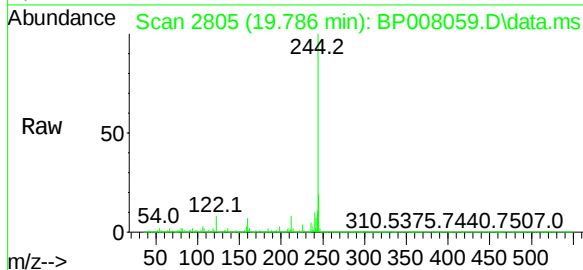
Abundance Scan 2807 (19.798 min): BP008042.D\data.ms (-2754) (-)



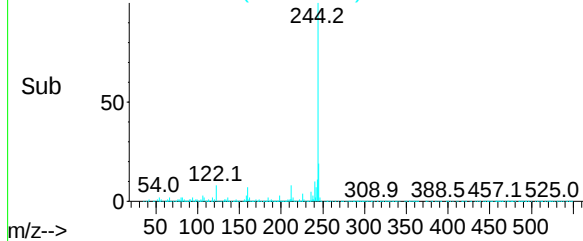
Terphenyl-d14
Concen: 69.65 ng
RT: 19.786 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008059.D
Acq: 20 Nov 2021 16:01

Instrument :
BNA_P
ClientSampleId :
MW-3

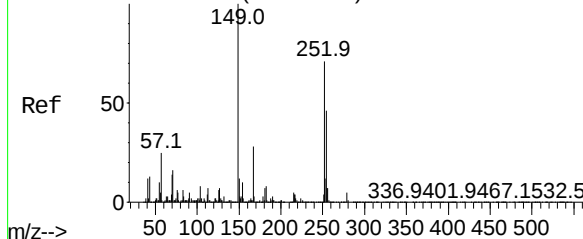
Tgt Ion:244 Resp: 2631544
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 8.0 6.1 9.1



Abundance Scan 2805 (19.786 min): BP008059.D\data.ms (-2756) (-)

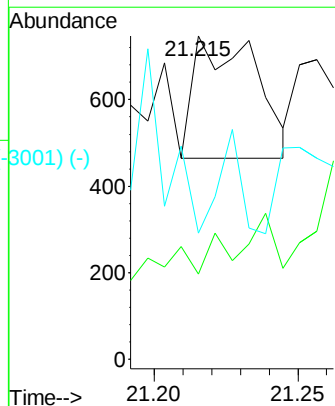
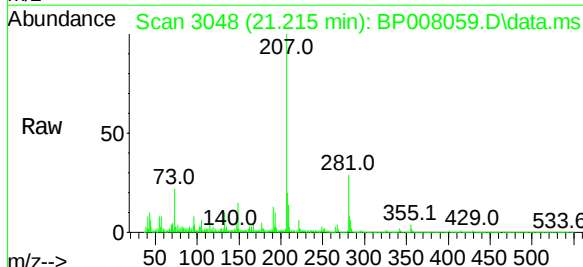


Abundance Scan 3052 (21.239 min): BP008042.D\data.ms (-3040) (-)

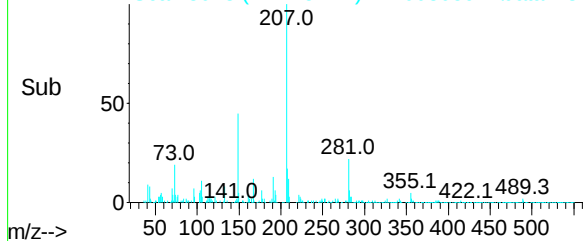


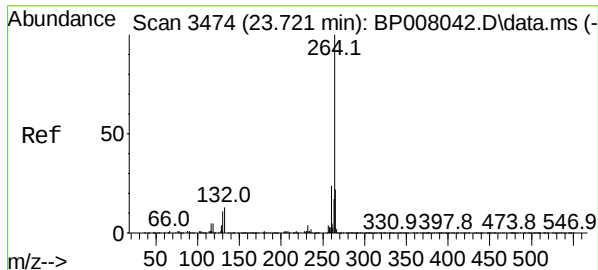
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.215 min Scan# 3048
Delta R.T. -0.024 min
Lab File: BP008059.D
Acq: 20 Nov 2021 16:01

Tgt Ion:252 Resp: 424
Ion Ratio Lower Upper
252 100
254 26.4 51.8 77.8#
126 39.1 7.2 10.8#



Abundance Scan 3048 (21.215 min): BP008059.D\data.ms (-3001) (-)

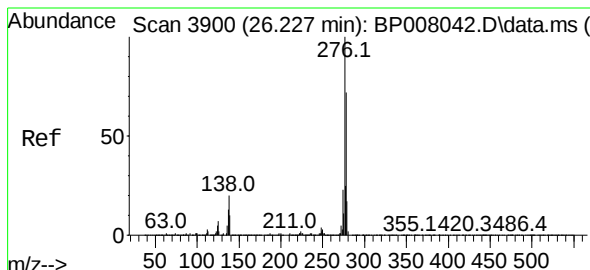
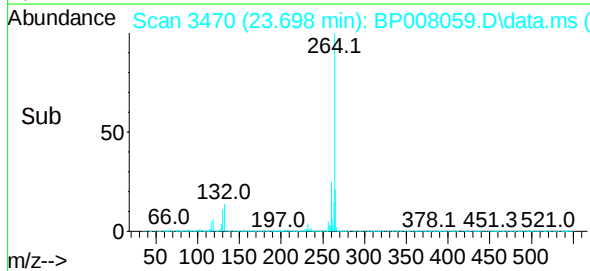
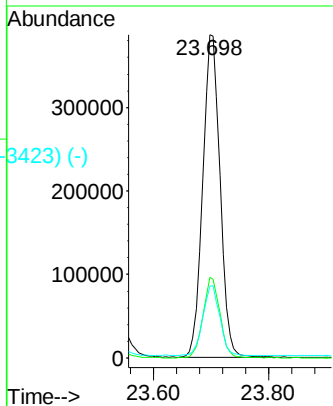
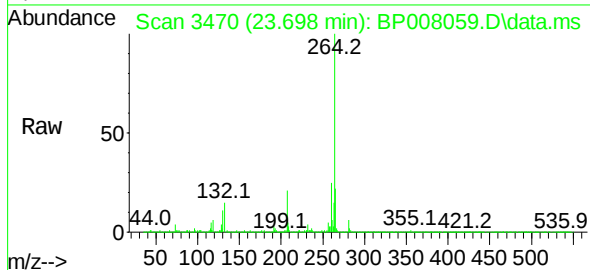




Perylene-d12
Concen: 20.00 ng
RT: 23.698 min Scan# 3458
Delta R.T. -0.024 min
Lab File: BP008059.D
Acq: 20 Nov 2021 16:01

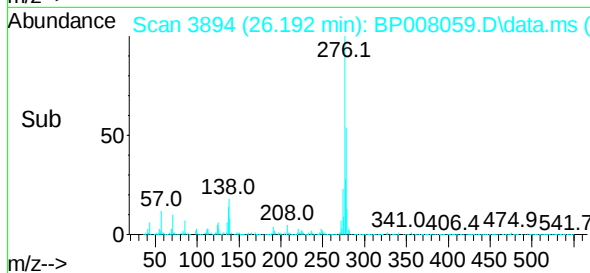
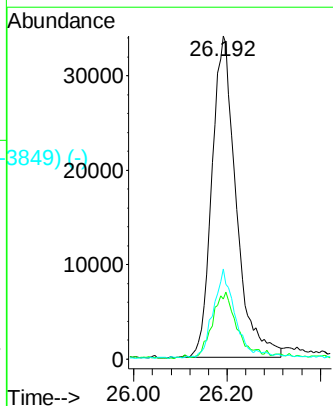
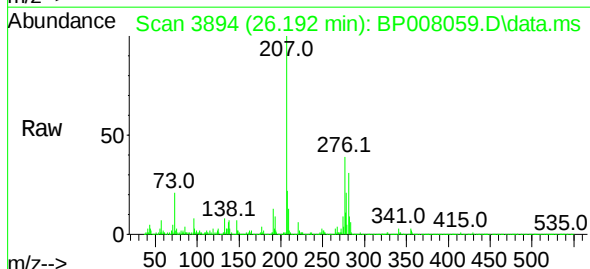
Instrument :
BNA_P
ClientSampleId :
MW-3

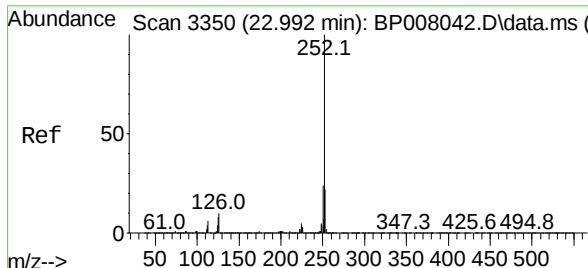
Tgt Ion:	264	Resp:	810363
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.0	28.6
265	22.1	17.7	26.5



Indeno(1,2,3-cd)pyrene
Concen: 2.19 ng
RT: 26.192 min Scan# 3894
Delta R.T. -0.035 min
Lab File: BP008059.D
Acq: 20 Nov 2021 16:01

Tgt Ion:	276	Resp:	123191
Ion Ratio	Lower	Upper	
276	100		
138	20.3	16.5	24.7
277	23.3	20.2	30.4

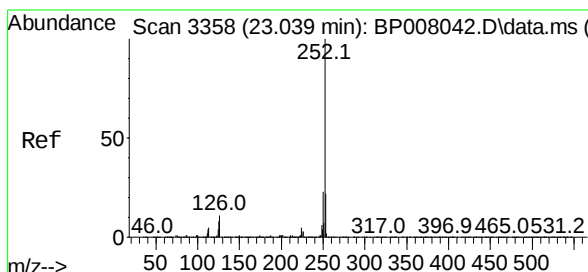
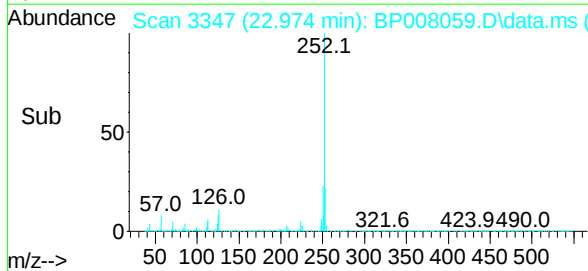
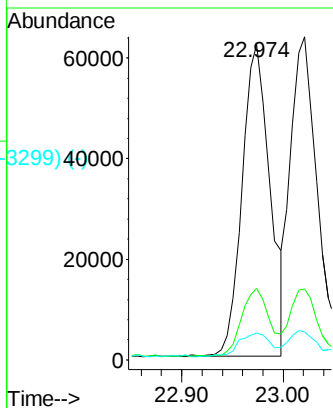
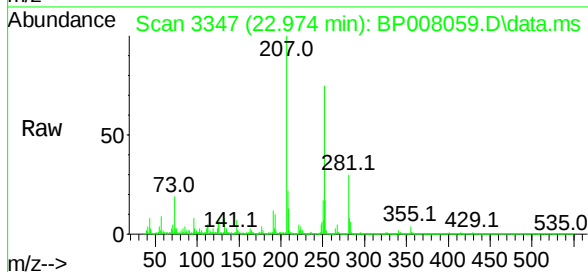




Scan 3350 (22.992 min): BP008042.D\data.ms (-3350)
 Benzo(b)fluoranthene
 Concen: 2.35 ng
 RT: 22.974 min Scan# 3350
 Delta R.T. -0.018 min
 Lab File: BP008059.D
 Acq: 20 Nov 2021 16:01

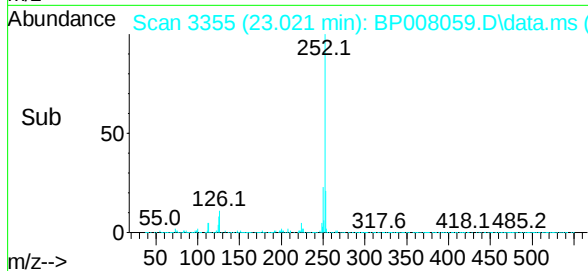
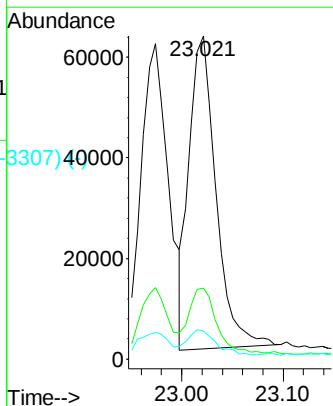
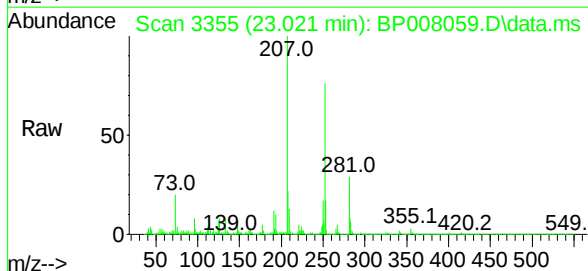
Instrument :
 BNA_P
 ClientSampleId :
 MW-3

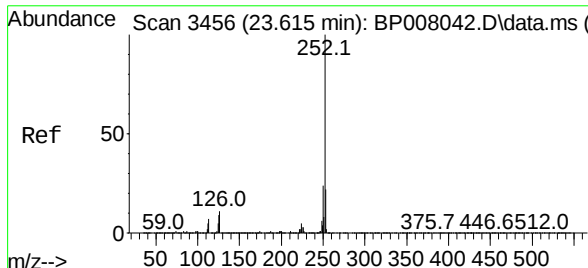
Tgt Ion:	252	Resp:	119116
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	8.6	6.1	9.1



Scan 3358 (23.039 min): BP008042.D\data.ms (-3358)
 Benzo(k)fluoranthene
 Concen: 2.27 ng
 RT: 23.021 min Scan# 3355
 Delta R.T. -0.018 min
 Lab File: BP008059.D
 Acq: 20 Nov 2021 16:01

Tgt Ion:	252	Resp:	114488
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	8.6	6.2	9.4





Benzo(a)pyrene
 Concen: 2.71 ng
 RT: 23.598 min Scan# 449
 Delta R.T. -0.018 min
 Lab File: BP008059.D
 Acq: 20 Nov 2021 16:01

Instrument :
 BNA_P
 ClientSampleId :
 MW-3

Tgt Ion:	252	Resp:	115239
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.2
125	10.4	7.4	11.2

