

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061421\
 Data File : BP005912.D
 Acq On : 14 Jun 2021 18:38
 Operator : CG/JU
 Sample : M2625-22RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(142-146)RE

Quant Time: Jun 15 04:17:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 14 13:15:03 2021
 Response via : Initial Calibration

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

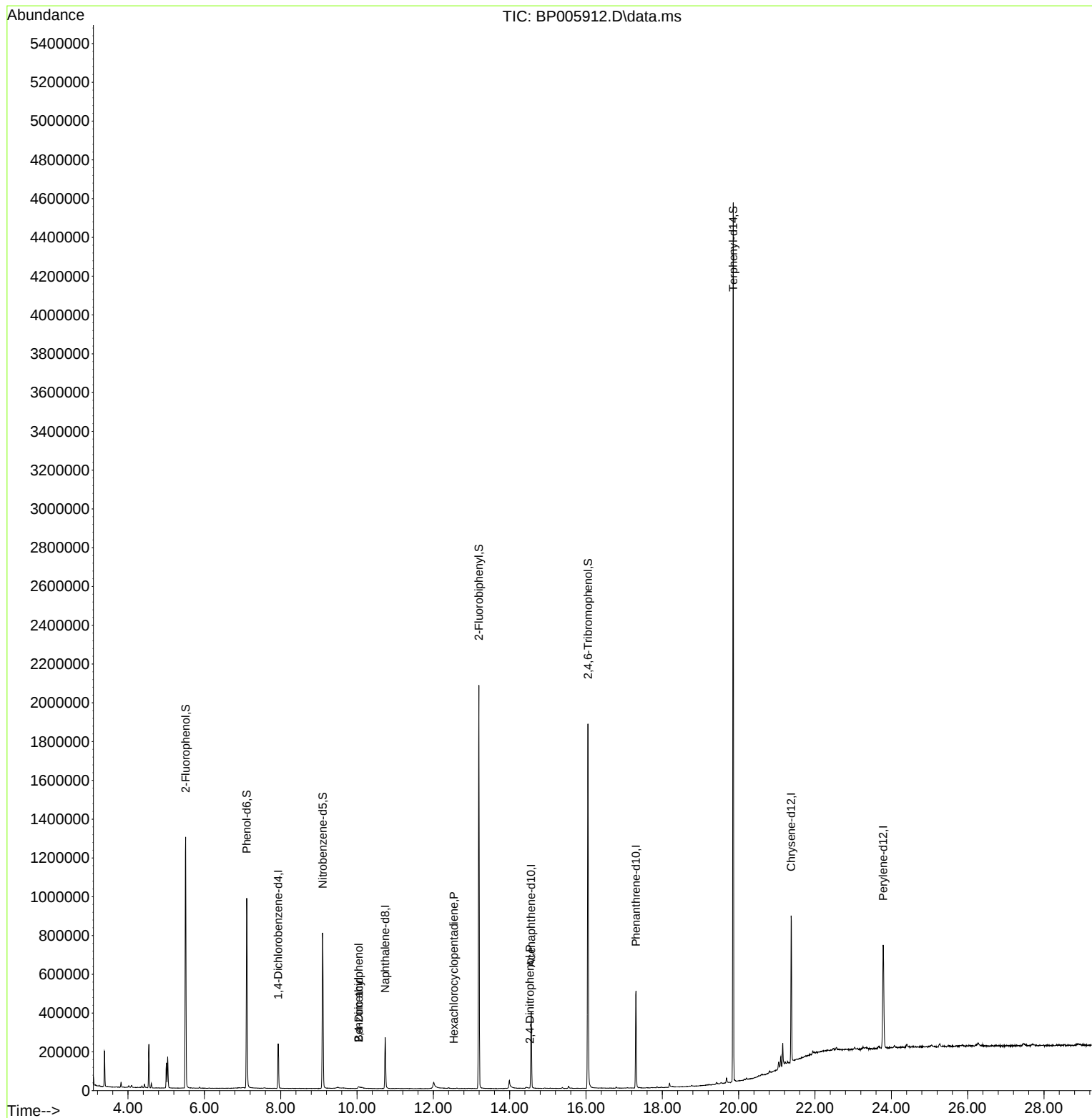
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	64627	20.00	ng	0.00
21) Naphthalene-d8	10.740	136	229127	20.00	ng	0.00
39) Acenaphthene-d10	14.563	164	136177	20.00	ng	0.00
64) Phenanthrene-d10	17.310	188	297366	20.00	ng	0.00
76) Chrysene-d12	21.374	240	375510	20.00	ng	0.00
86) Perylene-d12	23.786	264	431839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	569962	141.52	ng	0.00
7) Phenol-d6	7.110	99	569839	109.16	ng	0.00
23) Nitrobenzene-d5	9.098	82	476361	101.93	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	393322	168.31	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1031037	99.42	ng	0.00
79) Terphenyl-d14	19.857	244	1996170	99.54	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	10.045	122	8757	2.54	ng	Qvalue # 3
32) Benzoic acid	10.045	122	8757	9.26	ng	# 73
41) Hexachlorocyclopentadiene	12.539	237	34	5.52	ng	77
54) 2,4-Dinitrophenol	14.528	184	15	4.86	ng	97

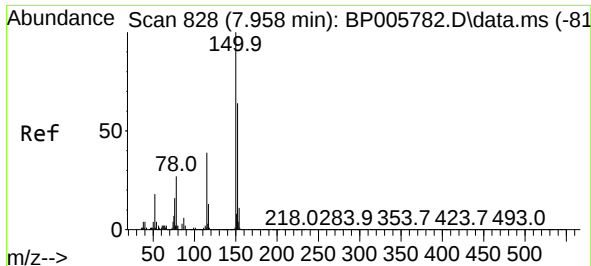
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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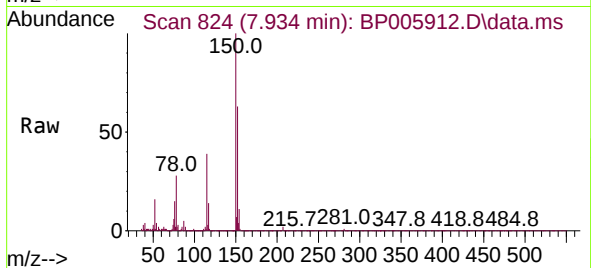
Quant Time: Jun 15 04:17:08 2021
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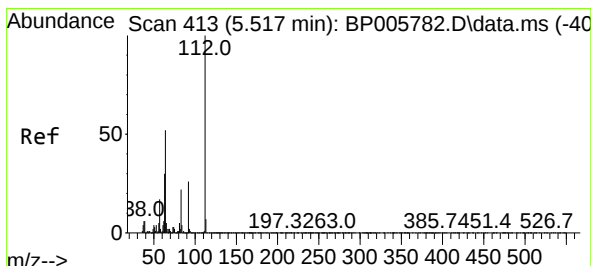
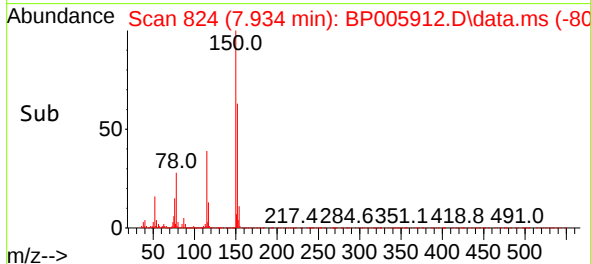
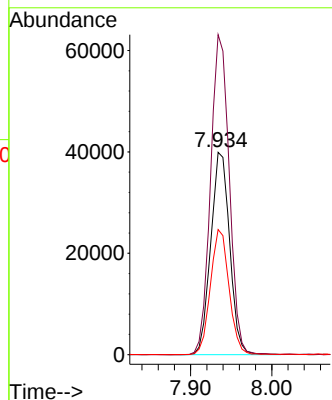


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.934 min Scan# 824
Delta R.T. -0.006 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

Instrument :
BNA_P
ClientSampleId :
18-B12(142-146)RE

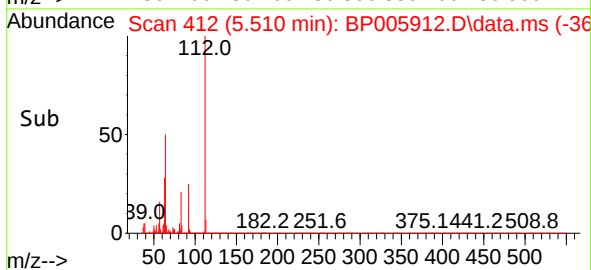
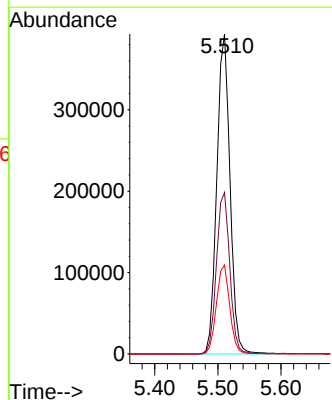
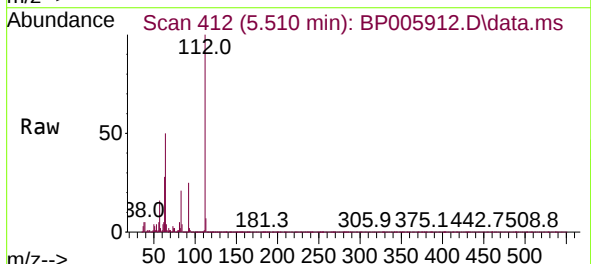


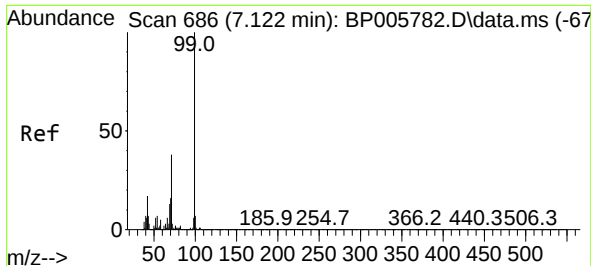
Tgt Ion:152 Resp: 64627
Ion Ratio Lower Upper
152 100
150 158.1 125.6 188.4
115 61.8 48.5 72.7



#5
2-Fluorophenol
Concen: 141.52 ng
RT: 5.510 min Scan# 412
Delta R.T. 0.000 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

Tgt Ion:112 Resp: 569962
Ion Ratio Lower Upper
112 100
64 50.4 41.4 62.2
63 27.8 23.8 35.8

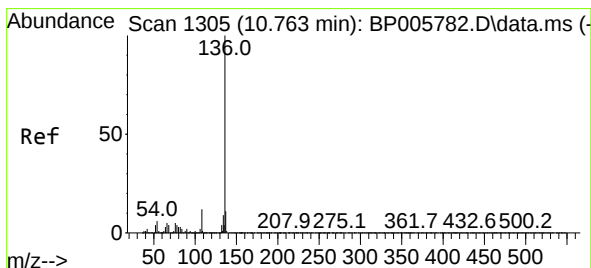
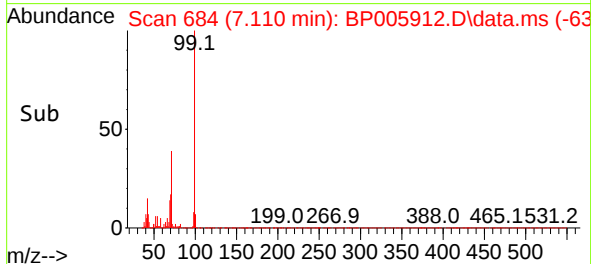
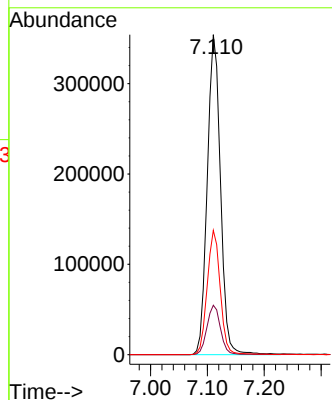
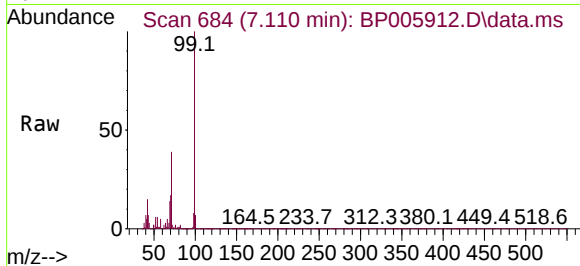




#7
Phenol-d6
Concen: 109.16 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

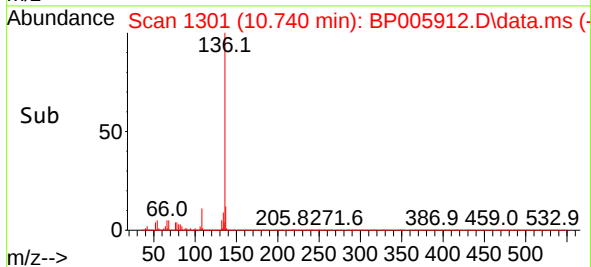
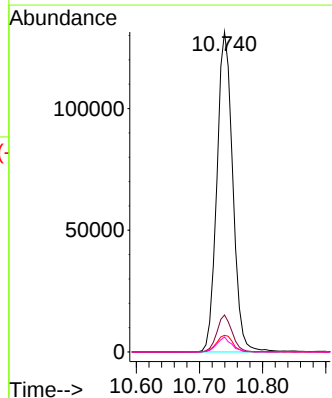
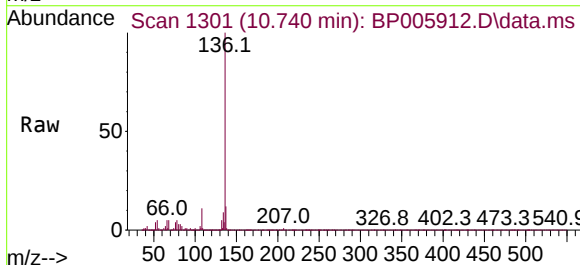
Instrument :
BNA_P
ClientSampleId :
18-B12(142-146)RE

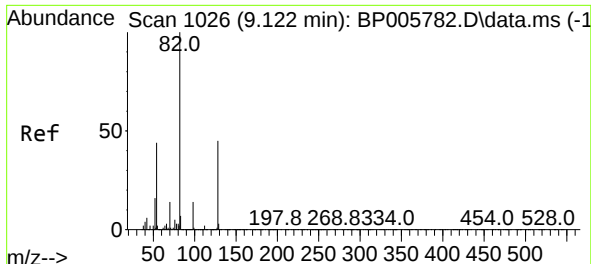
Tgt Ion:	99	Resp:	569839
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.4	20.0
71	38.9	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.740 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

Tgt Ion:	136	Resp:	229127
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	5.2	4.6	6.8
68	4.7	3.6	5.4

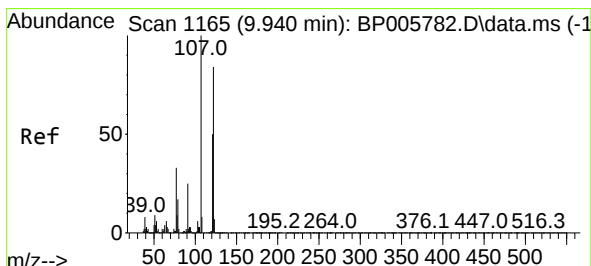
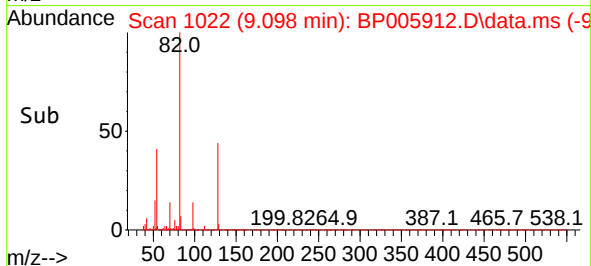
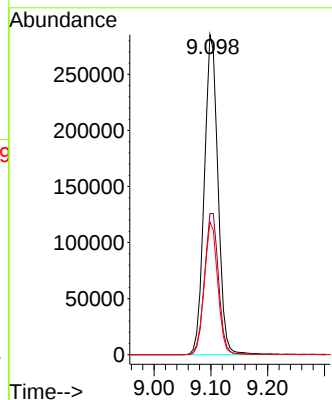
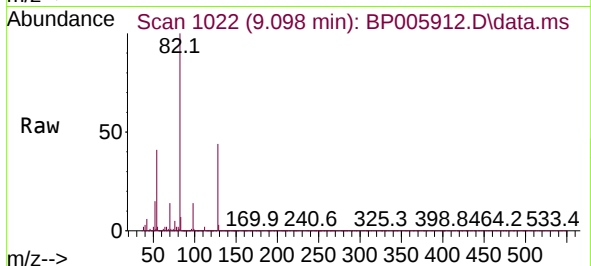




#23
Nitrobenzene-d5
Concen: 101.93 ng
RT: 9.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

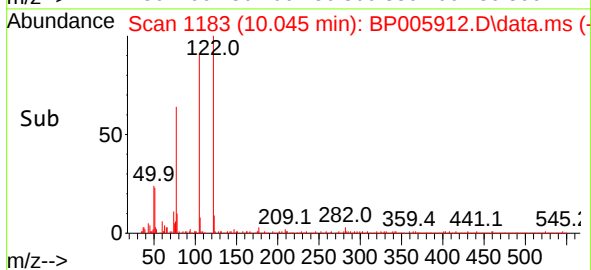
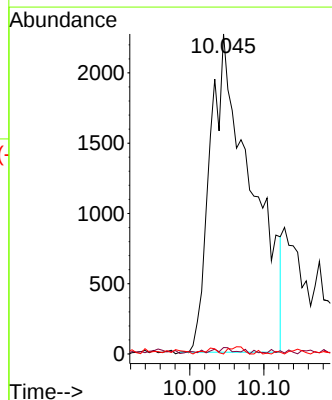
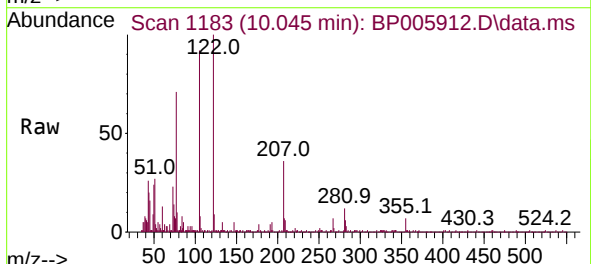
Instrument :
BNA_P
ClientSampleId :
18-B12(142-146)RE

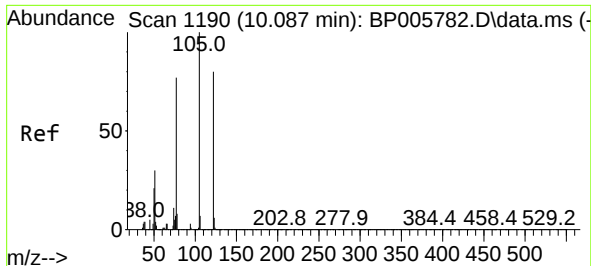
Tgt Ion: 82 Resp: 476361
Ion Ratio Lower Upper
82 100
128 44.1 35.7 53.5
54 41.5 35.0 52.4



#27
2,4-Dimethylphenol
Concen: 2.54 ng
RT: 10.045 min Scan# 1183
Delta R.T. 0.124 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

Tgt Ion: 122 Resp: 8757
Ion Ratio Lower Upper
122 100
107 2.0 94.5 141.7#
121 0.0 47.4 71.2#

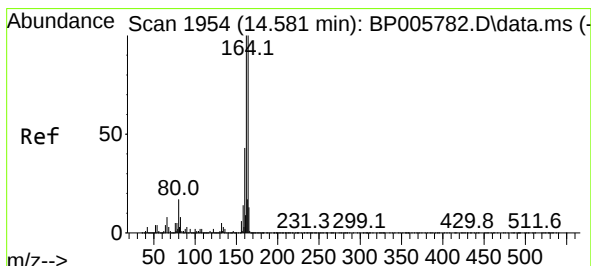
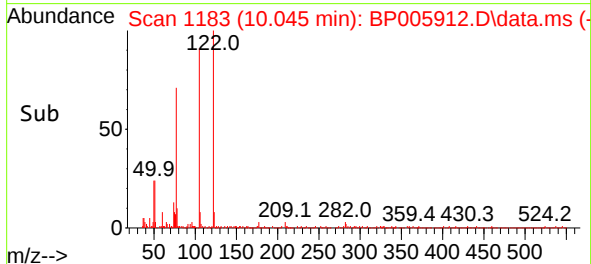
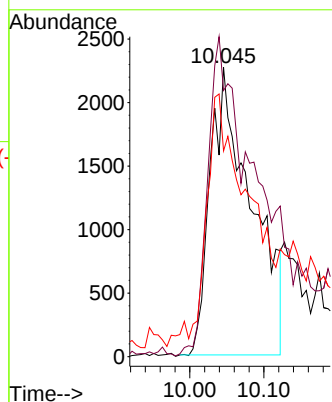
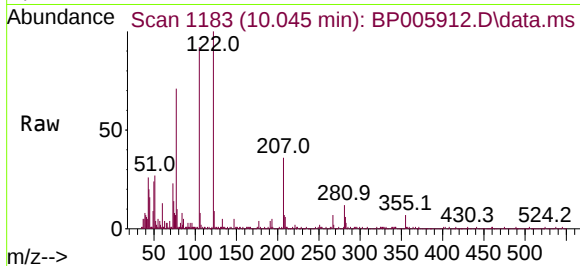




#32
Benzoic acid
Concen: 9.26 ng
RT: 10.045 min Scan# 1183
Delta R.T. -0.035 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

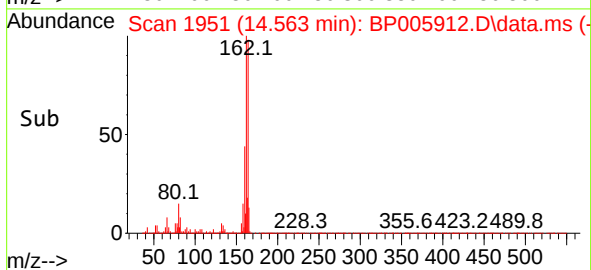
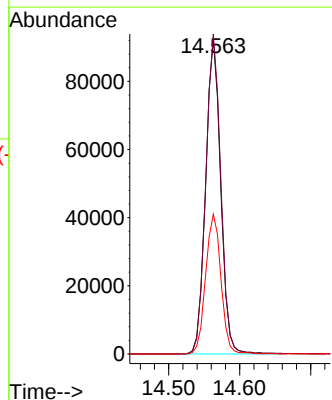
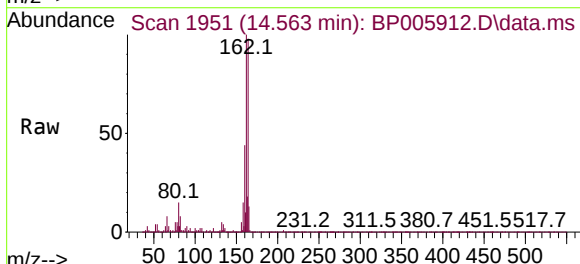
Instrument :
BNA_P
ClientSampleId :
18-B12(142-146)RE

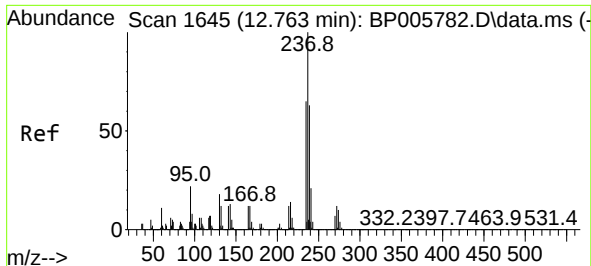
Tgt Ion:122 Resp: 8757
Ion Ratio Lower Upper
122 100
105 92.1 103.2 143.2#
77 71.1 76.2 116.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

Tgt Ion:164 Resp: 136177
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 44.4 34.5 51.7

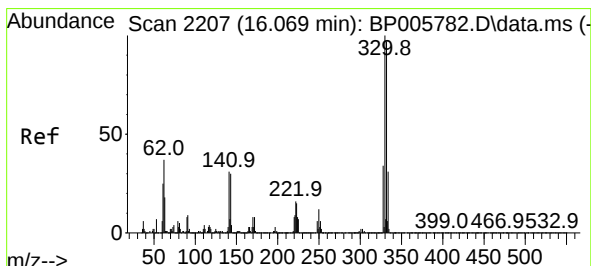
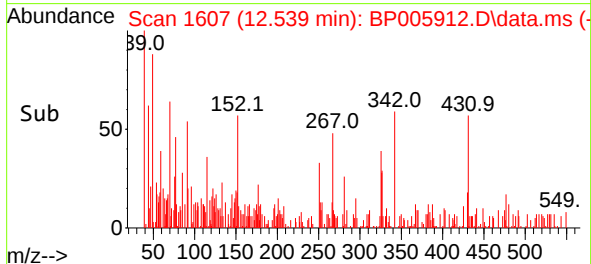
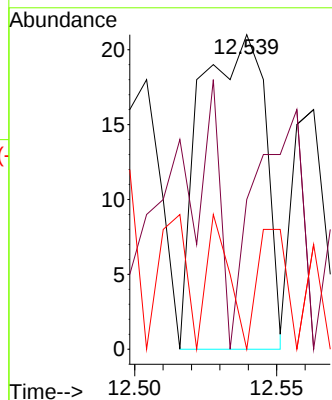
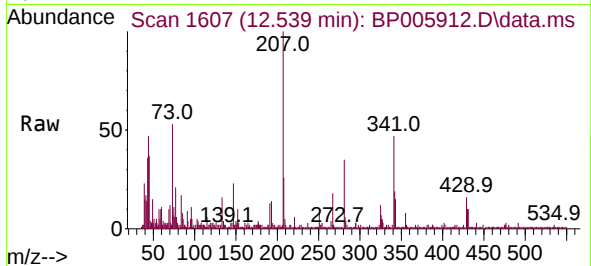




#41
Hexachlorocyclopentadiene
Concen: 5.52 ng
RT: 12.539 min Scan# 1607
Delta R.T. -0.206 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

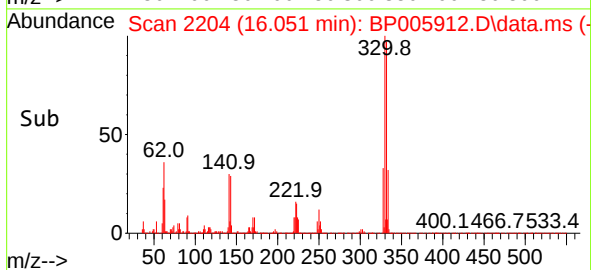
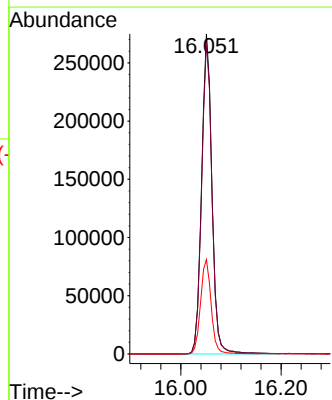
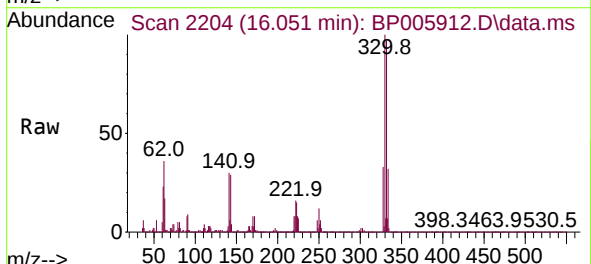
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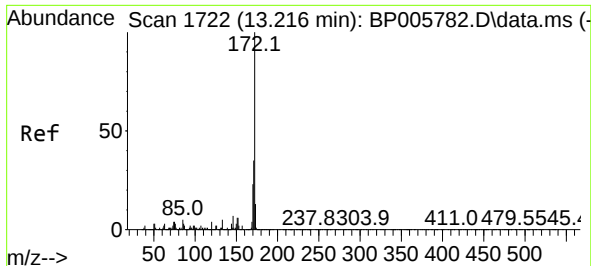
Tgt Ion:237	Resp:	34
Ion Ratio	Lower	Upper
237	100	
235	47.6	44.5 84.5
272	0.0	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 168.31 ng
RT: 16.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

Tgt Ion:330	Resp:	393322
Ion Ratio	Lower	Upper
330	100	
332	97.7	77.8 116.8
141	30.3	25.4 38.2



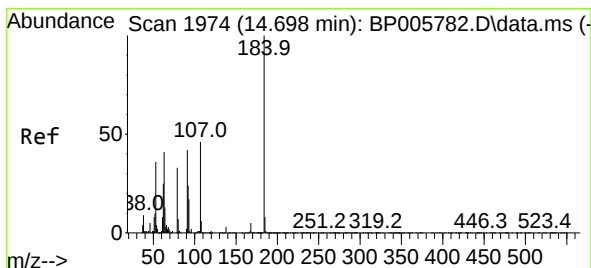
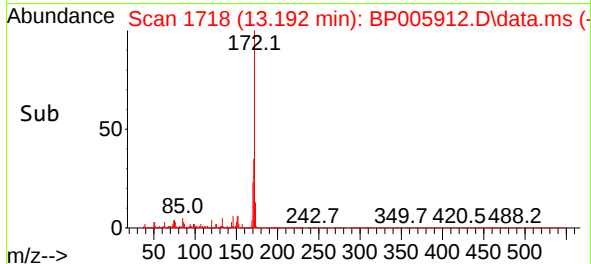
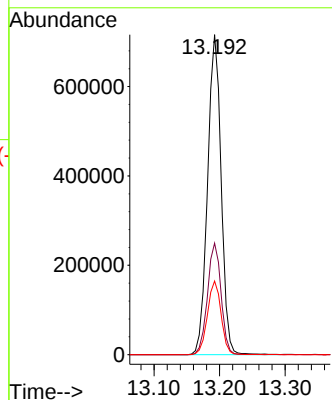
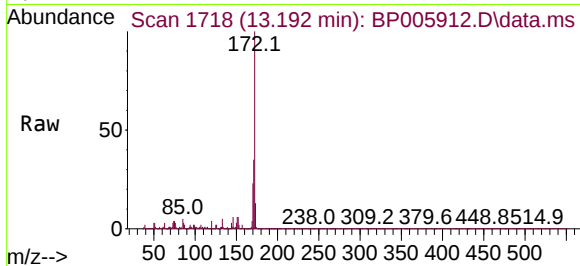


#45
2-Fluorobiphenyl
Concen: 99.42 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

Instrument :
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ClientSampleId :
18-B12(142-146)RE

Tgt Ion:172 Resp: 1031037

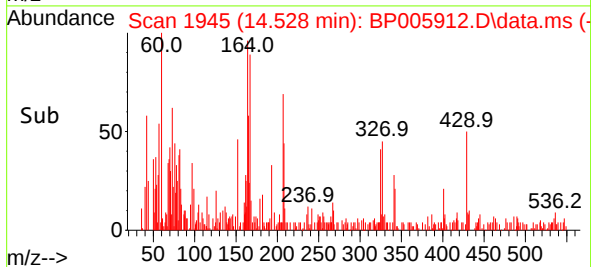
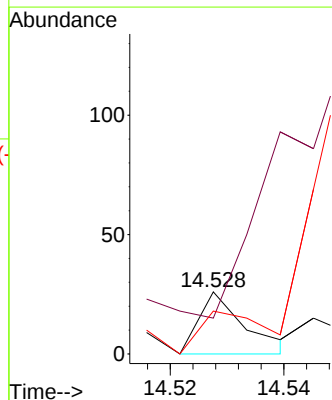
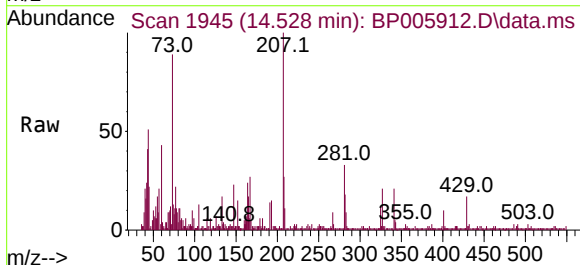
Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	23.0	18.6	27.8

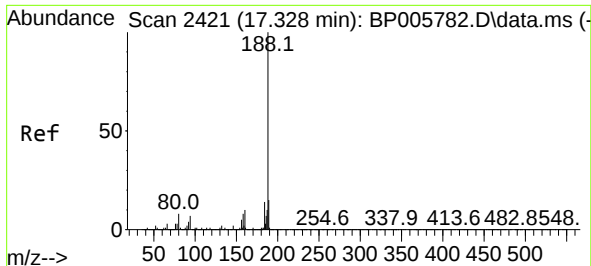


#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.159 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

Tgt Ion:184 Resp: 15

Ion	Ratio	Lower	Upper
184	100		
63	57.7	47.0	70.6
154	69.2	52.3	78.5

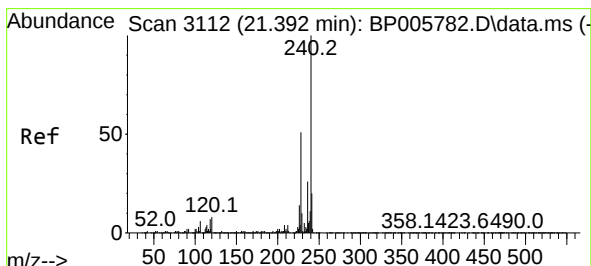
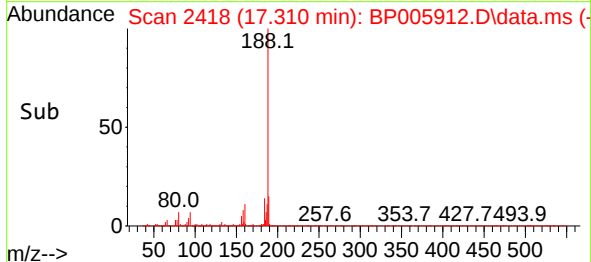
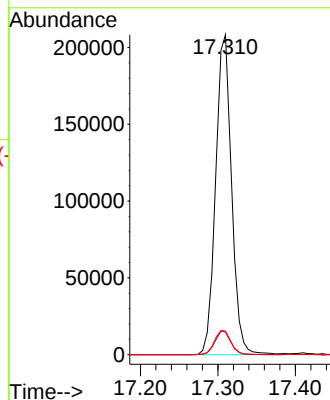
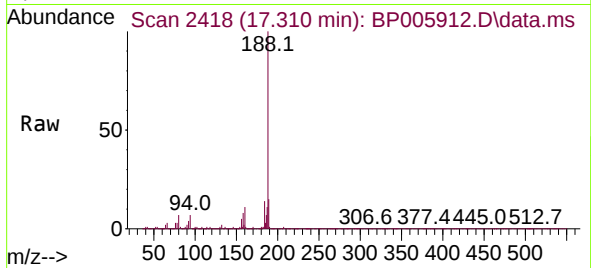




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.310 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

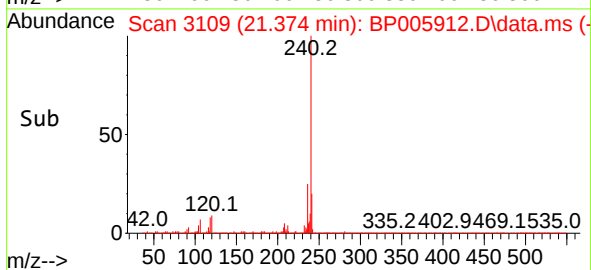
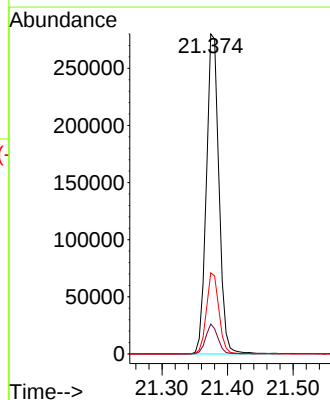
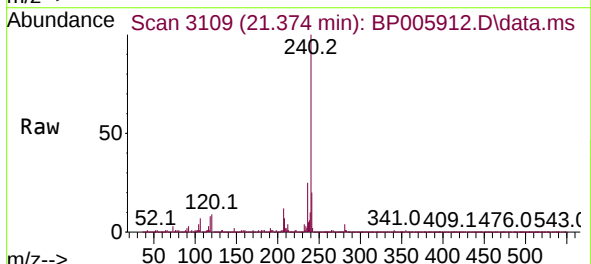
Instrument :
BNA_P
ClientSampleId :
18-B12(142-146)RE

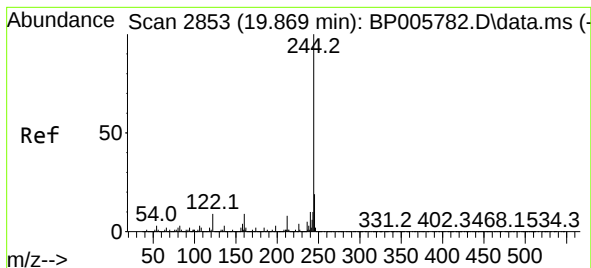
Tgt Ion:188 Resp: 297366
Ion Ratio Lower Upper
188 100
94 7.0 5.6 8.4
80 7.4 6.3 9.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP005912.D
Acq: 14 Jun 2021 18:38

Tgt Ion:240 Resp: 375510
Ion Ratio Lower Upper
240 100
120 9.4 6.5 9.7
236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 99.54 ng

RT: 19.857 min Scan# 2851

Delta R.T. 0.000 min

Lab File: BP005912.D

Acq: 14 Jun 2021 18:38

Instrument :

BNA_P

ClientSampleId :

18-B12(142-146)RE

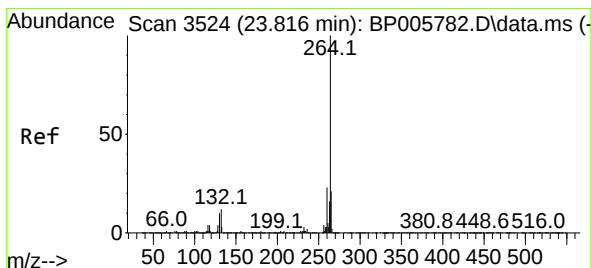
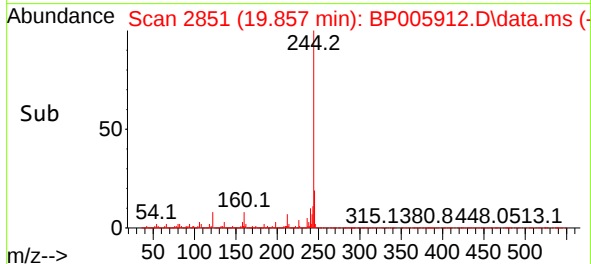
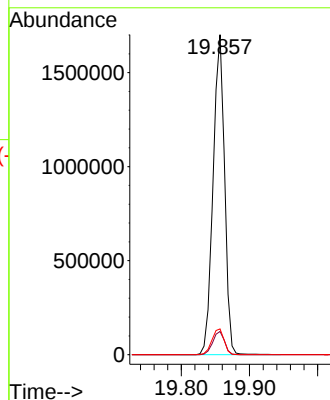
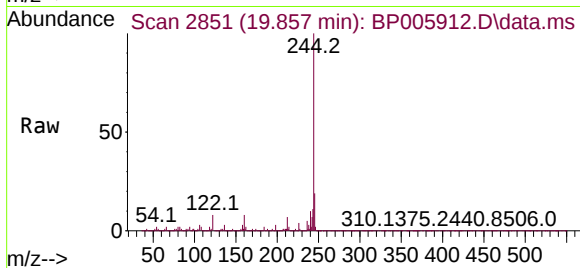
Tgt Ion:244 Resp: 1996170

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 8.1 7.1 10.7



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.786 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BP005912.D

Acq: 14 Jun 2021 18:38

Tgt Ion:264 Resp: 431839

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.5 17.6 26.4

