

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061221\
 Data File : BP005898.D
 Acq On : 12 Jun 2021 20:29
 Operator : CG/JU
 Sample : M2677-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 REACTOR

Quant Time: Jun 14 02:10:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 13:53:36 2021
 Response via : Initial Calibration

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

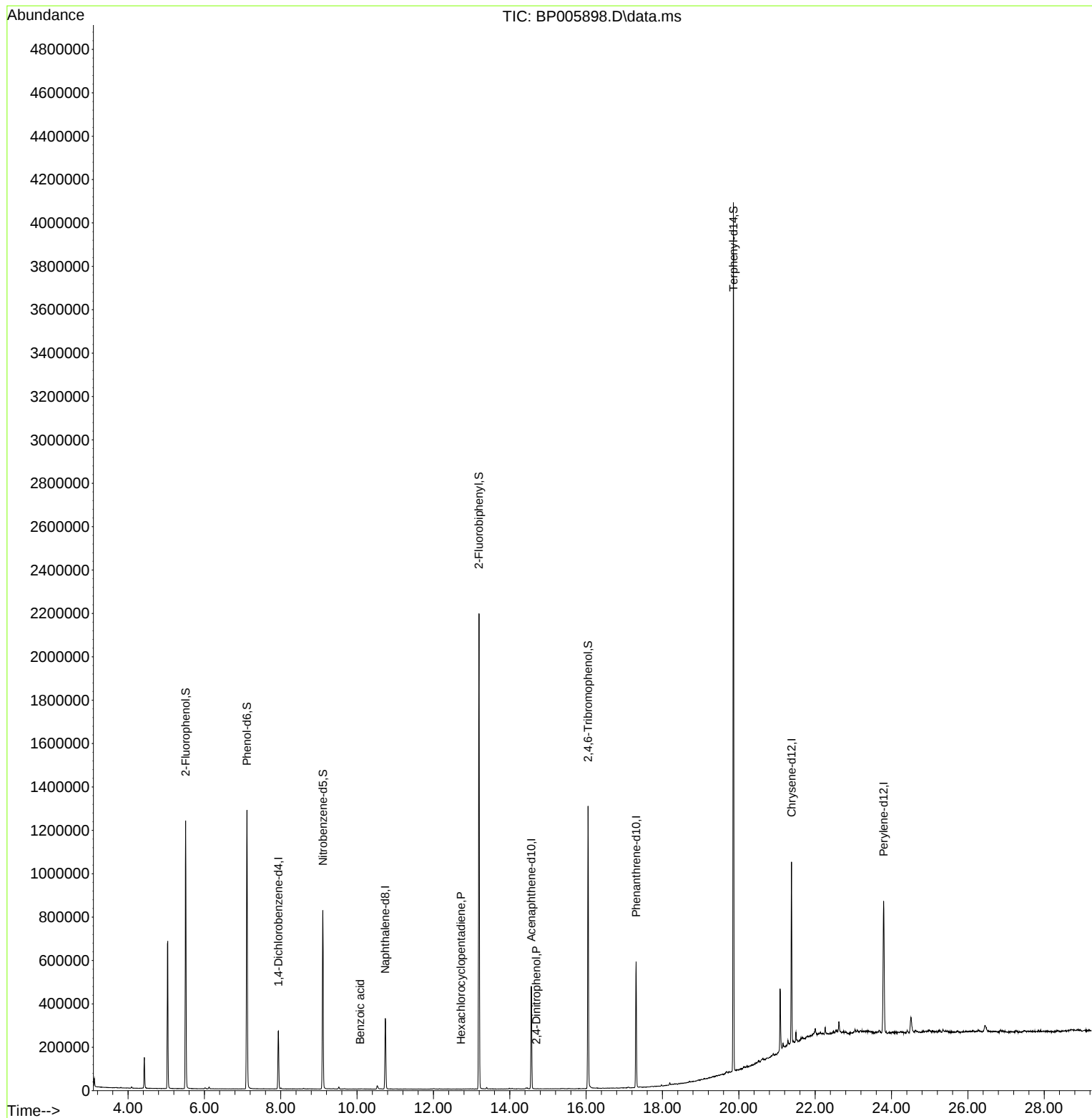
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	75997	20.00	ng	0.00
21) Naphthalene-d8	10.740	136	276721	20.00	ng	-0.01
39) Acenaphthene-d10	14.563	164	165337	20.00	ng	-0.01
64) Phenanthrene-d10	17.310	188	340772	20.00	ng	-0.01
76) Chrysene-d12	21.381	240	401439	20.00	ng	-0.01
86) Perylene-d12	23.792	264	466258	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	536392	113.26	ng	0.00
7) Phenol-d6	7.117	99	724560	118.03	ng	0.00
23) Nitrobenzene-d5	9.105	82	485447	86.01	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	255353	90.00	ng	-0.01
45) 2-Fluorobiphenyl	13.193	172	1093200	86.82	ng	-0.01
79) Terphenyl-d14	19.857	244	1817108	84.76	ng	-0.01
Target Compounds						
32) Benzoic acid	10.081	122	229	6.38	ng	Qvalue # 81
41) Hexachlorocyclopentadiene	12.722	237	13	5.51	ng	79
54) 2,4-Dinitrophenol	14.699	184	6	4.85	ng	# 1

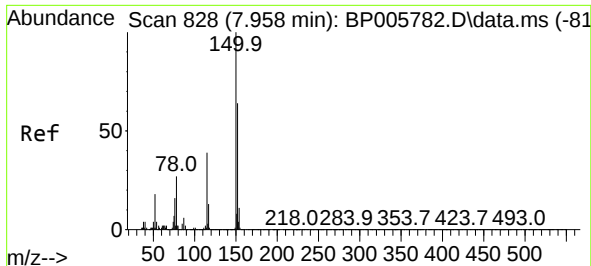
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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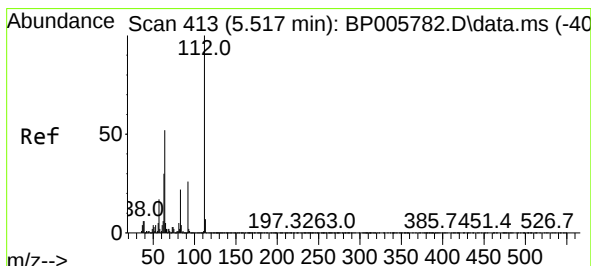
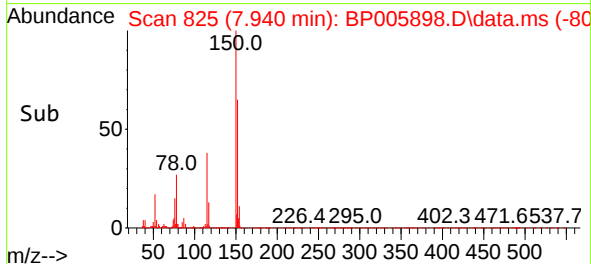
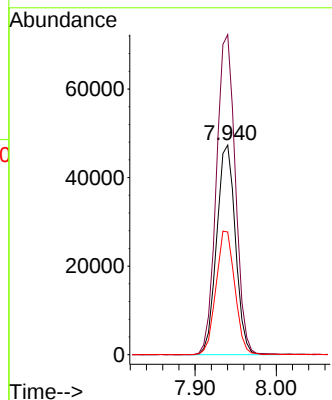
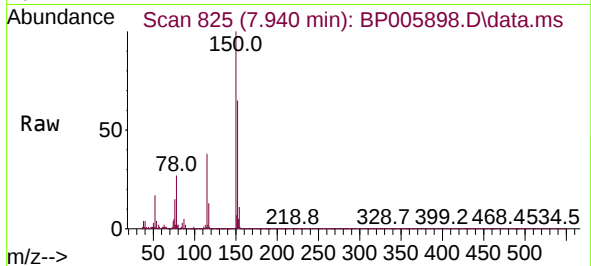




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.940 min Scan# 825
Delta R.T. -0.006 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

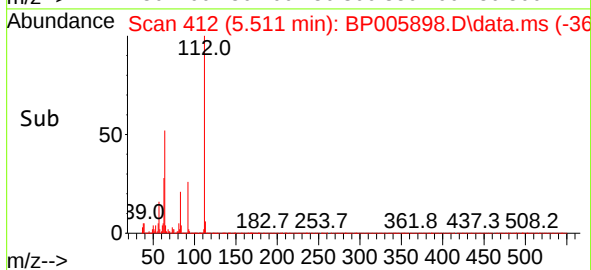
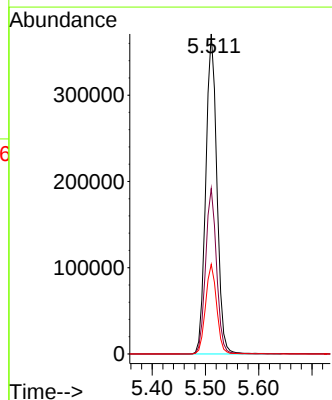
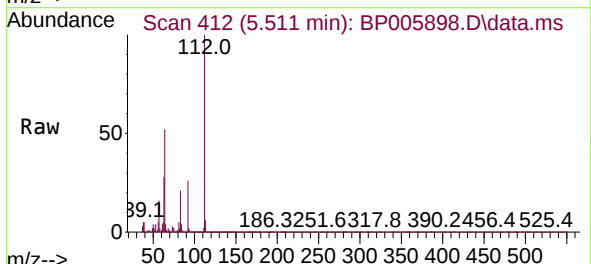
Instrument :
BNA_P
ClientSampleId :
REACTOR

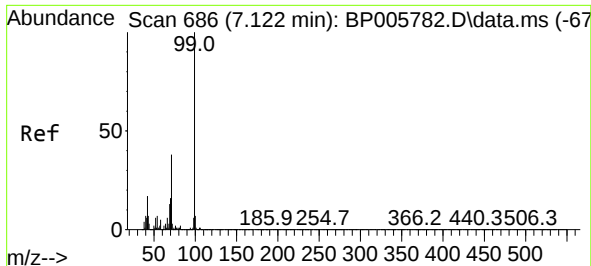
Tgt Ion:152 Resp: 75997
Ion Ratio Lower Upper
152 100
150 152.7 125.6 188.4
115 58.5 48.5 72.7



#5
2-Fluorophenol
Concen: 113.26 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.000 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

Tgt Ion:112 Resp: 536392
Ion Ratio Lower Upper
112 100
64 51.7 41.4 62.2
63 28.0 23.8 35.8

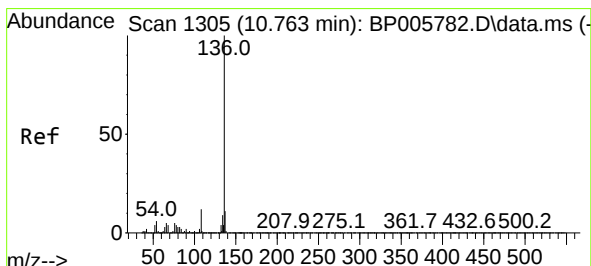
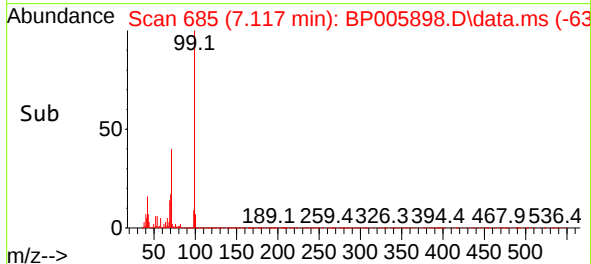
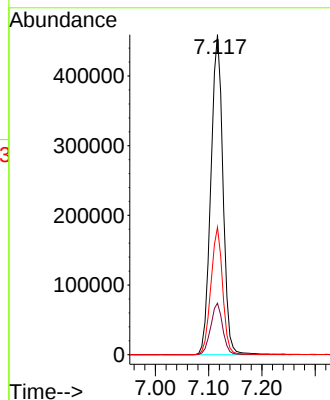
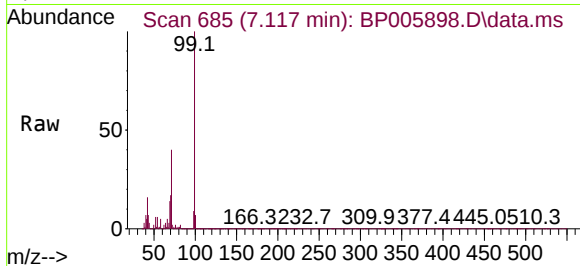




#7
Phenol-d6
Concen: 118.03 ng
RT: 7.117 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

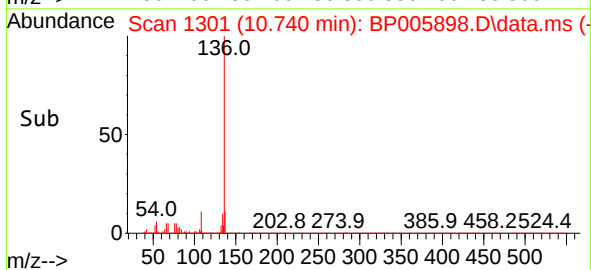
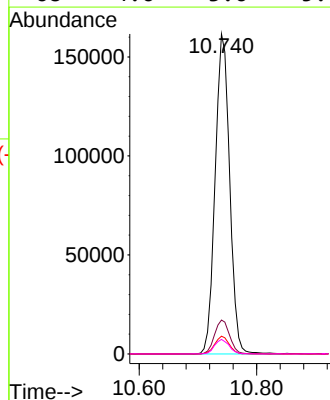
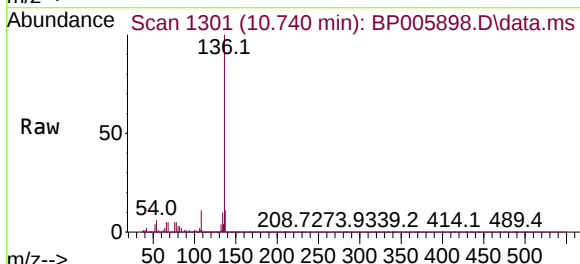
Instrument :
BNA_P
ClientSampled :
REACTOR

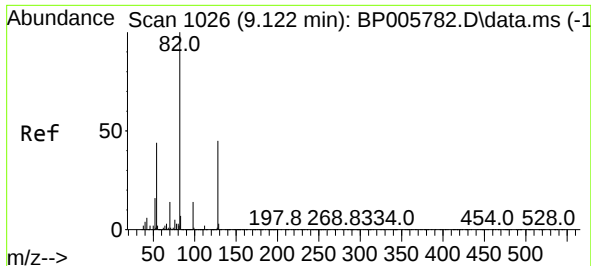
Tgt Ion: 99 Resp: 724560
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.0
71 39.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.740 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

Tgt Ion: 136 Resp: 276721
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 5.5 4.6 6.8
68 4.6 3.6 5.4

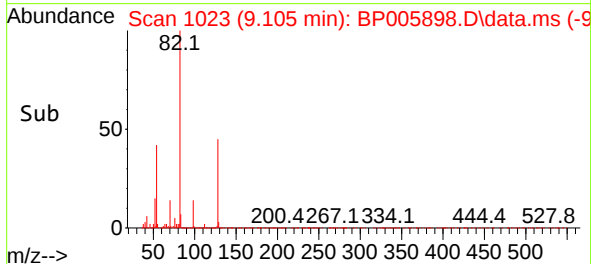
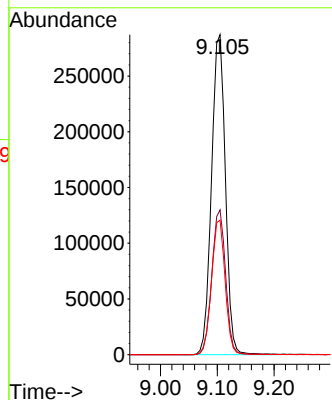
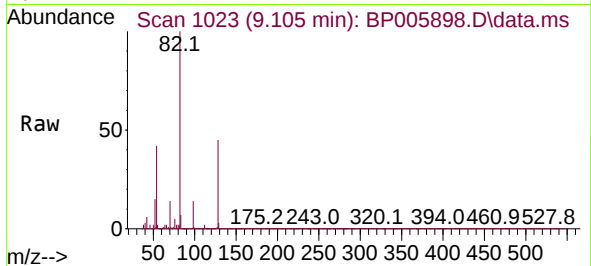




#23
Nitrobenzene-d5
Concen: 86.01 ng
RT: 9.105 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

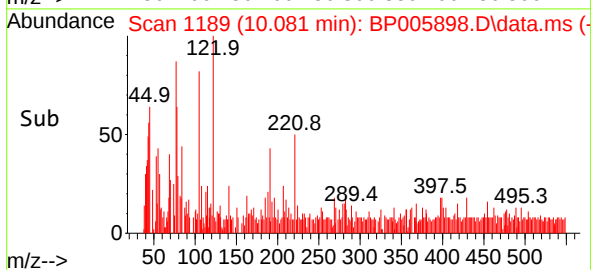
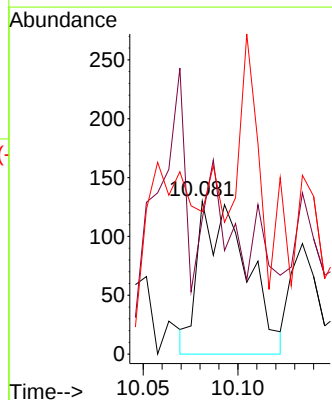
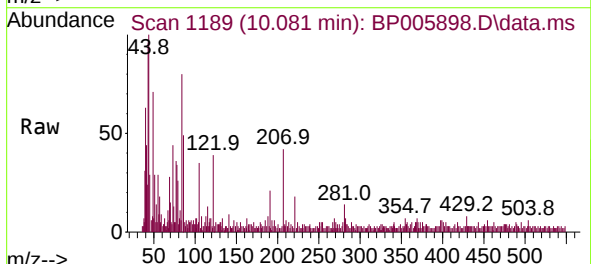
Instrument :
BNA_P
ClientSampled :
REACTOR

Tgt Ion: 82 Resp: 485447
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 42.1 35.0 52.4



#32
Benzoic acid
Concen: 6.38 ng
RT: 10.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

Tgt Ion: 122 Resp: 229
Ion Ratio Lower Upper
122 100
105 88.5 103.2 143.2#
77 93.1 76.2 116.2

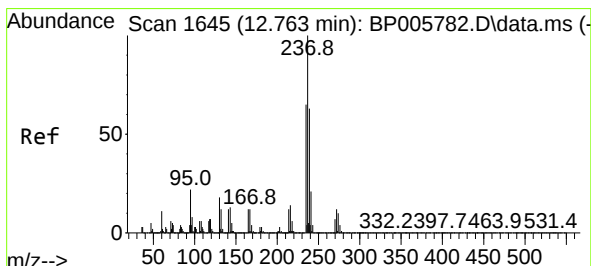
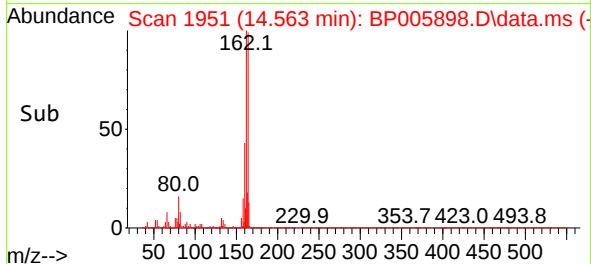
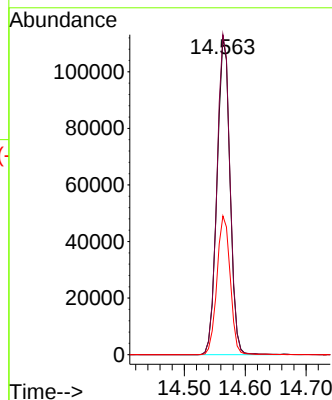
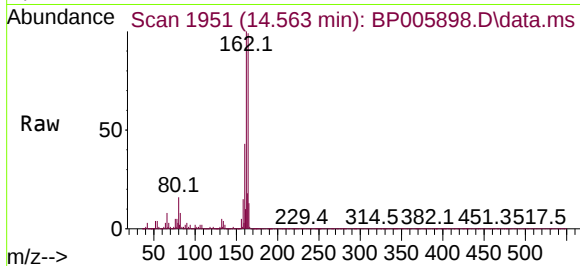




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

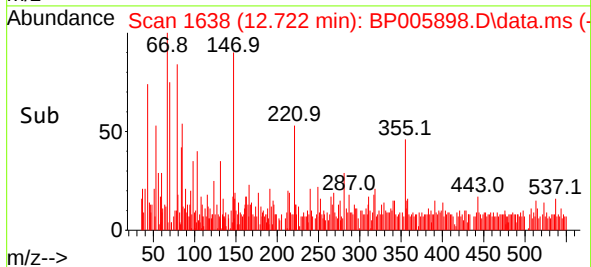
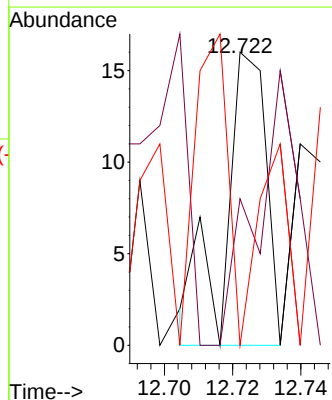
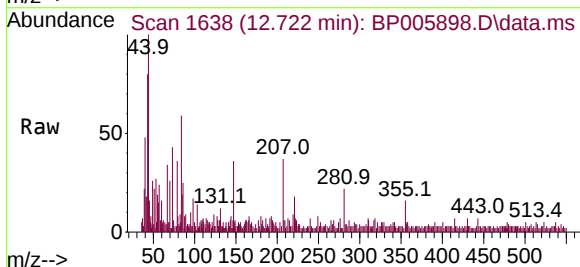
Instrument :
BNA_P
ClientSampled :
REACTOR

Tgt Ion:164 Resp: 165337
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 43.7 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.722 min Scan# 1638
Delta R.T. -0.035 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 50.0 44.5 84.5
272 0.0 0.0 32.5

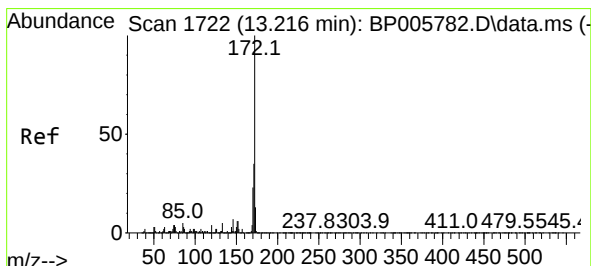
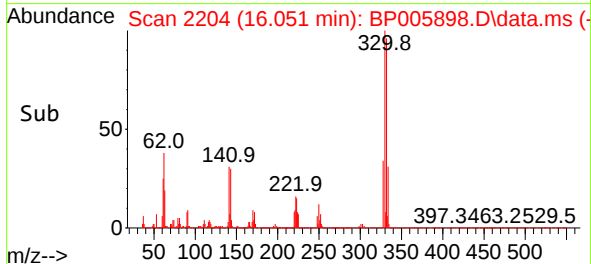
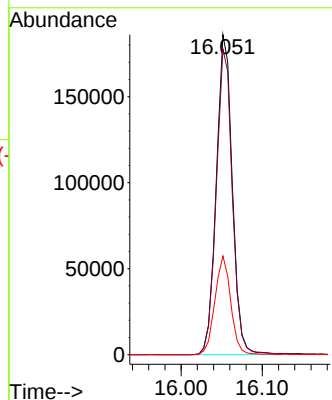
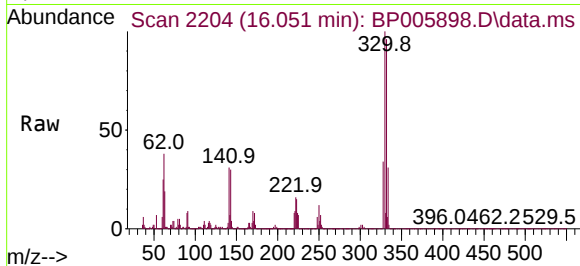




#42
2,4,6-Tribromophenol
Concen: 90.00 ng
RT: 16.051 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

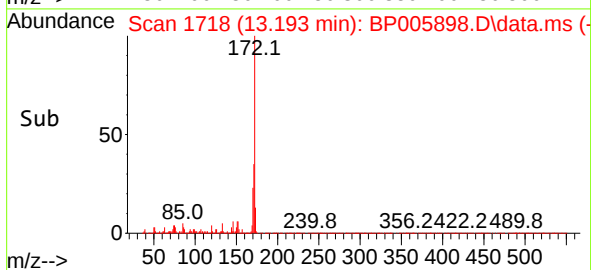
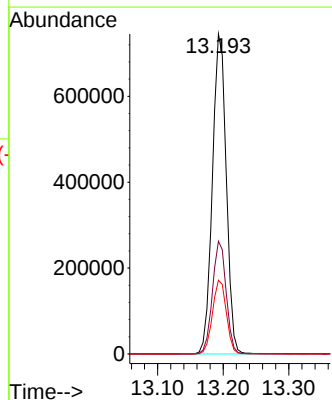
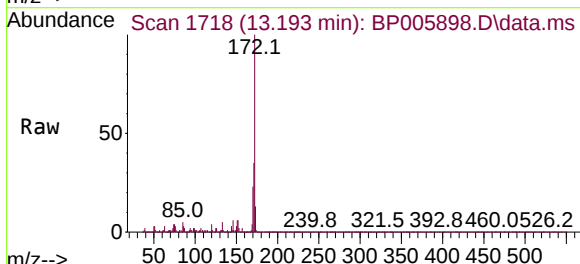
Instrument :
BNA_P
ClientSampled :
REACTOR

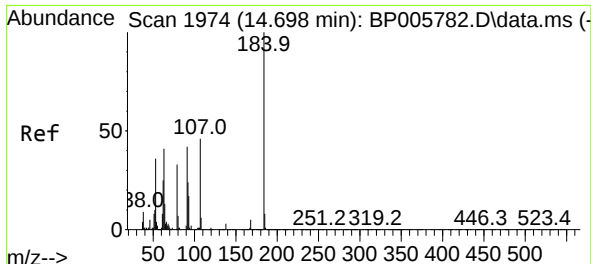
Tgt Ion:330 Resp: 255353
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 30.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 86.82 ng
RT: 13.193 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

Tgt Ion:172 Resp: 1093200
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.1 18.6 27.8

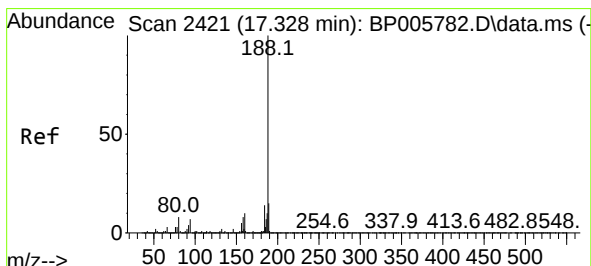
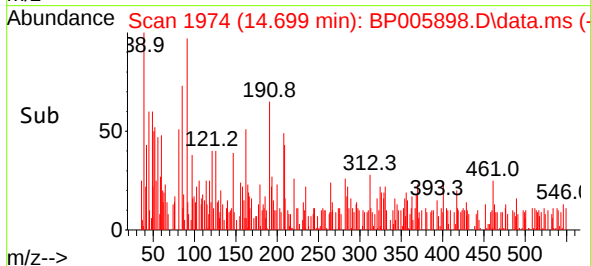
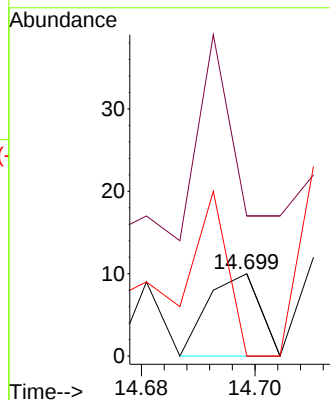
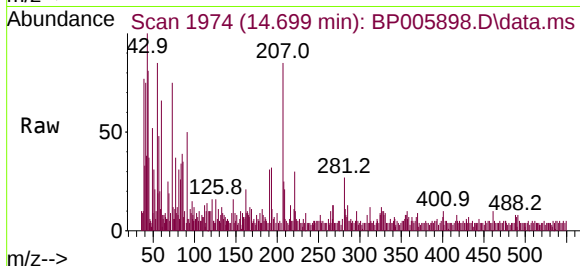




#54
2,4-Dinitrophenol
Concen: 4.85 ng
RT: 14.699 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

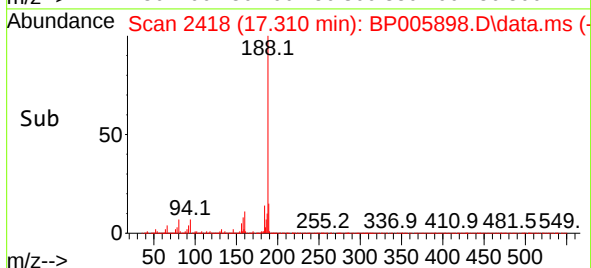
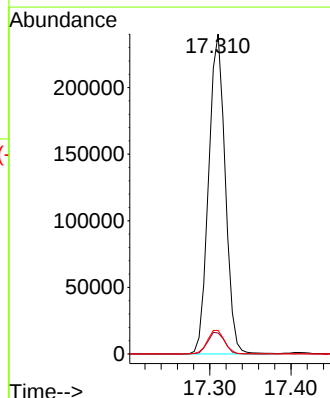
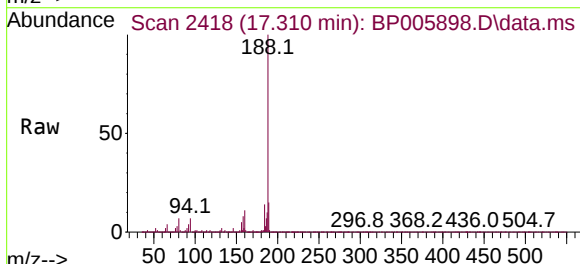
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BNA_P
ClientSampled :
REACTOR

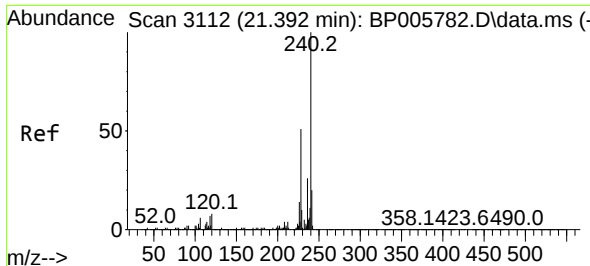
Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 250.0 47.0 70.6#
154 0.0 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

Tgt Ion:188 Resp: 340772
Ion Ratio Lower Upper
188 100
94 6.6 5.6 8.4
80 7.3 6.3 9.5

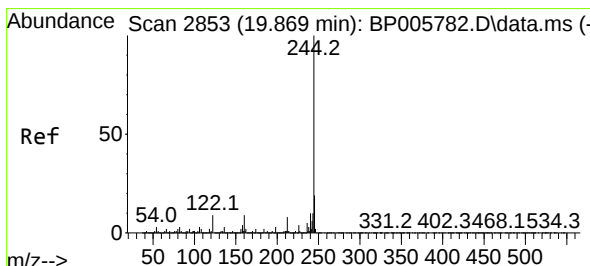
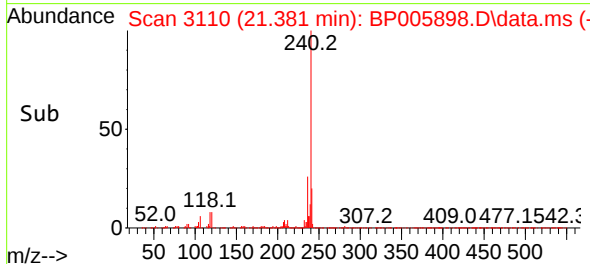
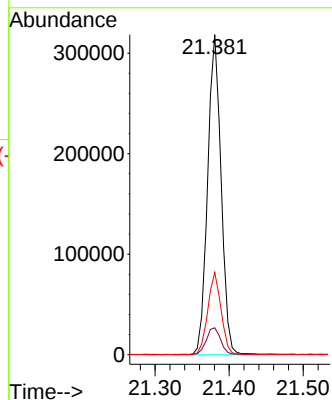
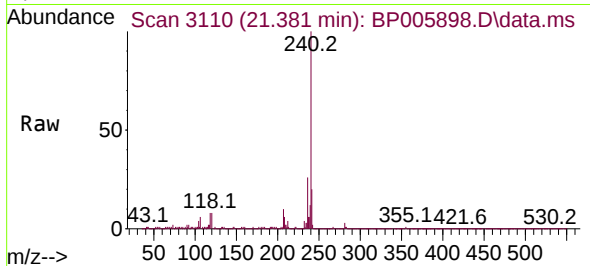




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.381 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

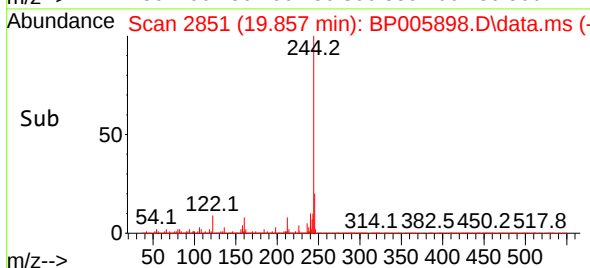
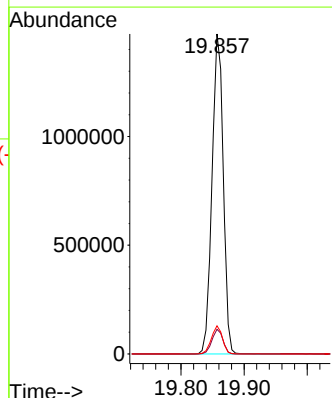
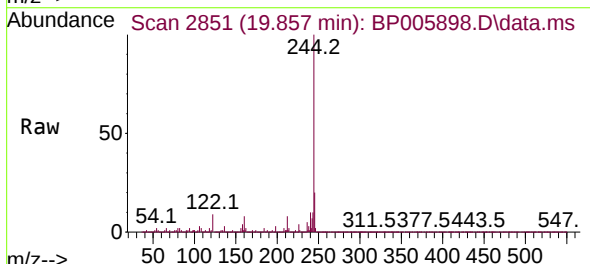
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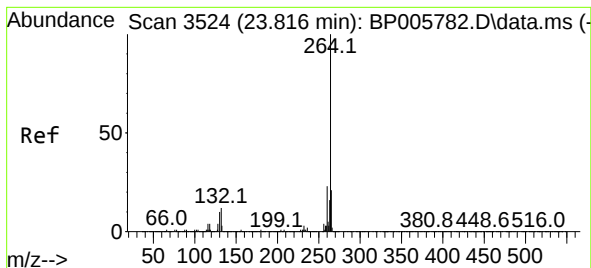
Tgt Ion:240 Resp: 401439
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 25.7 20.6 31.0



#79
Terphenyl-d14
Concen: 84.76 ng
RT: 19.857 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BP005898.D
Acq: 12 Jun 2021 20:29

Tgt Ion:244 Resp: 1817108
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 8.8 7.1 10.7





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.792 min Scan# 3520

Delta R.T. -0.023 min

Lab File: BP005898.D

Acq: 12 Jun 2021 20:29

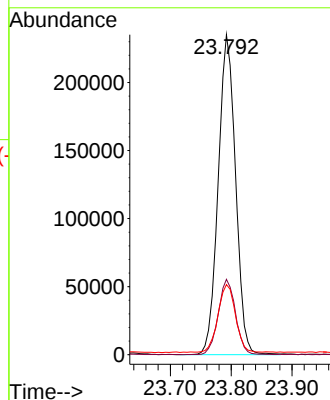
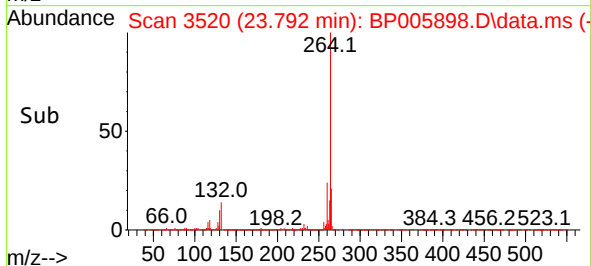
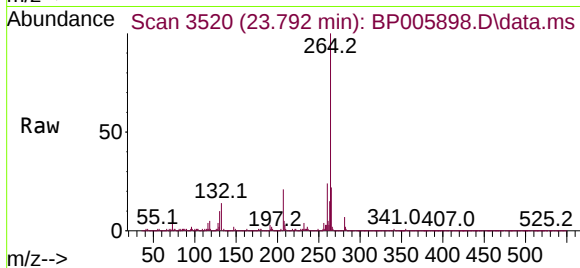
Tgt Ion:264 Resp: 466258

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.9 17.6 26.4



Instrument :

BNA_P

ClientSampleId :

REACTOR