

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
 Data File : BP004578.D
 Acq On : 15 Jan 2021 15:21
 Operator : CG/JU
 Sample : M1090-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BORE-2-1FT-7FT

Quant Time: Jan 15 16:34:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 15:19:32 2021
 Response via : Initial Calibration

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

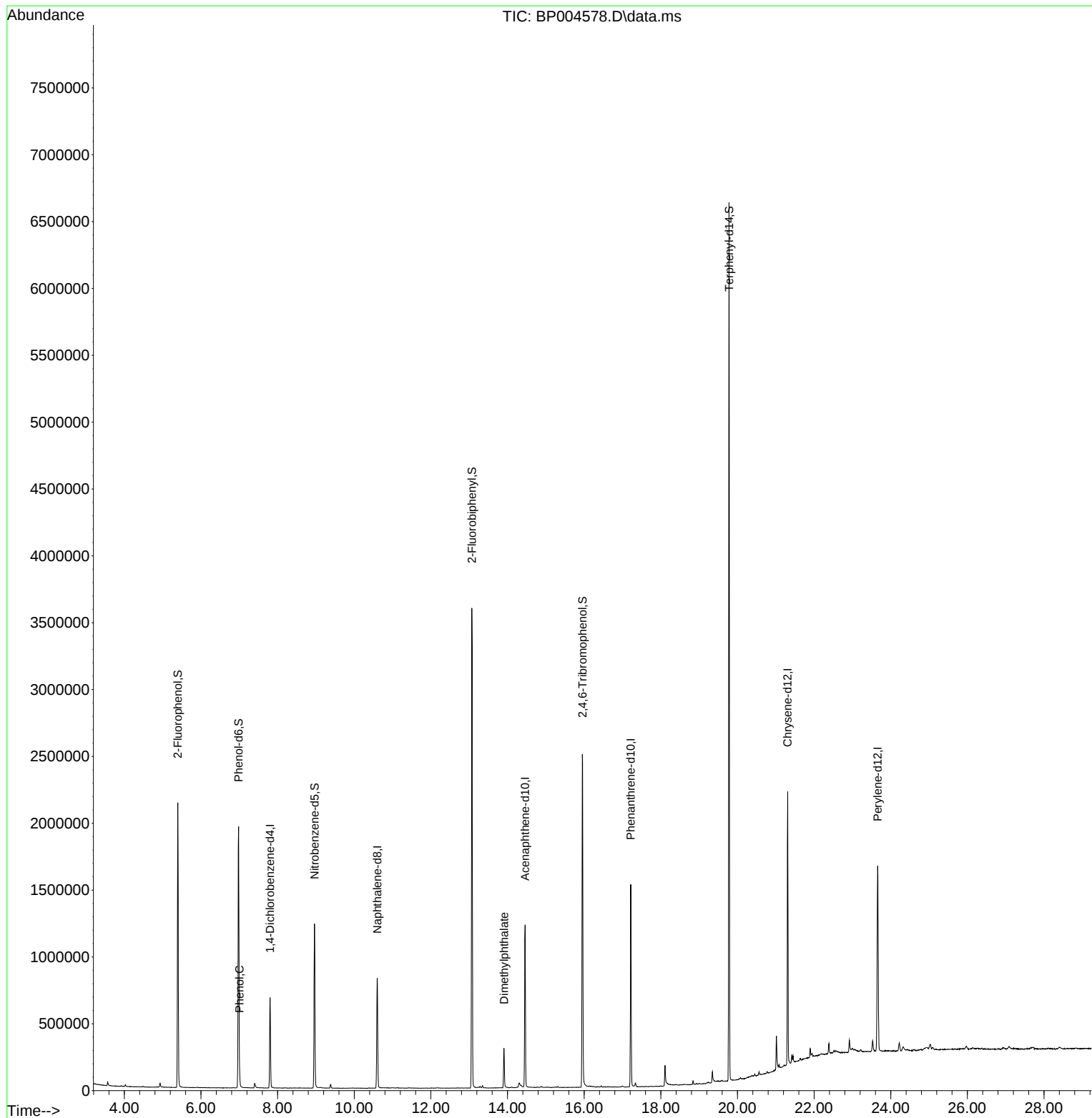
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	205325	20.00	ng	-0.01
21) Naphthalene-d8	10.599	136	749991	20.00	ng	#-0.01
39) Acenaphthene-d10	14.457	164	441279	20.00	ng	-0.01
64) Phenanthrene-d10	17.216	188	927969	20.00	ng	-0.01
76) Chrysene-d12	21.310	240	1004156	20.00	ng	-0.01
86) Perylene-d12	23.657	264	1075157	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1103913	93.71	ng	0.00
7) Phenol-d6	6.981	99	1317971	81.68	ng	0.00
23) Nitrobenzene-d5	8.963	82	756734	57.04	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	586989	76.51	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1976587	58.23	ng	-0.01
79) Terphenyl-d14	19.781	244	2845817	51.78	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.975	77	2439	Below Cal	#	4
10) Phenol	7.005	94	46852	3.03	ng	86
32) Benzoic acid	9.916	122	98	Below Cal	#	32
41) Hexachlorocyclopentadiene	12.516	237	39	Below Cal		90
50) Dimethylphthalate	13.910	163	229898	6.29	ng	99
54) 2,4-Dinitrophenol	14.581	184	17	Below Cal	#	1

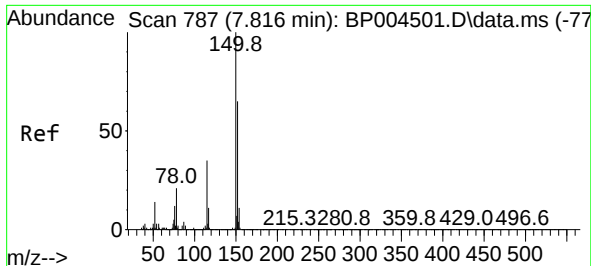
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

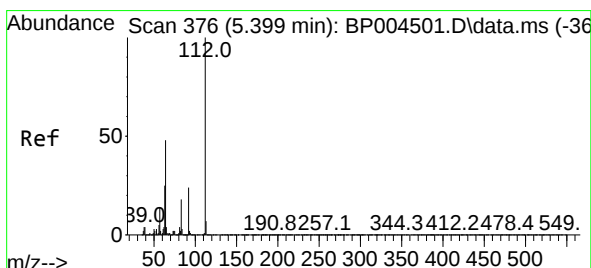
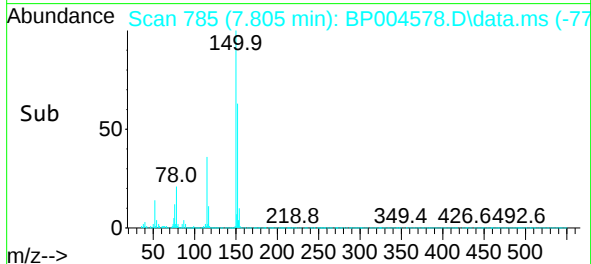
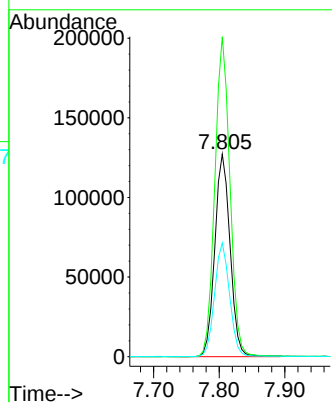
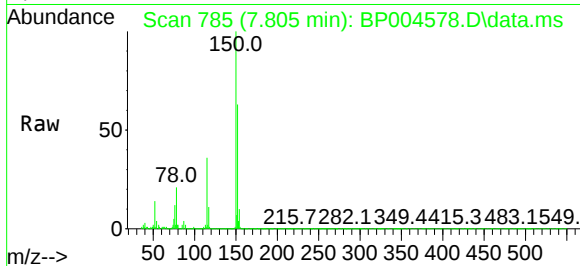




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.805 min Scan# 785
Delta R.T. -0.011 min
Lab File: BP004578.D
Acq: 15 Jan 2021 15:21

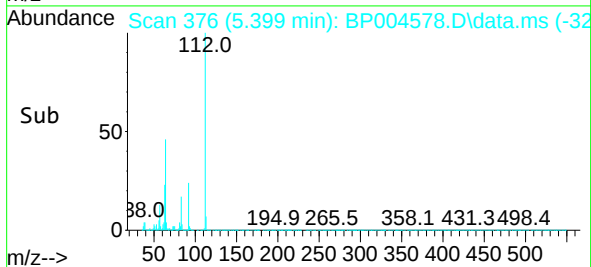
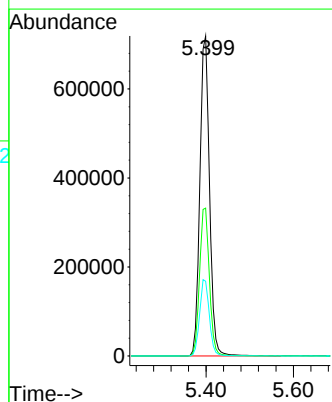
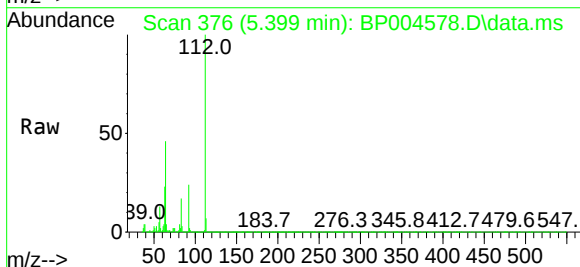
Instrument :
BNA_P
ClientSampleId :
BORE-2-1FT-7FT

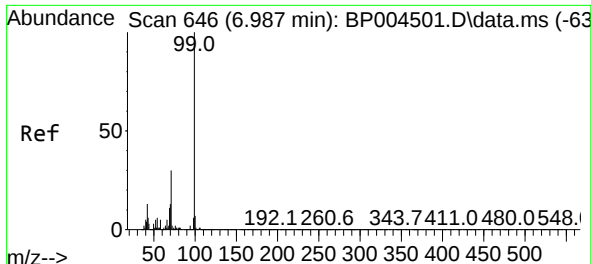
Tgt Ion:152 Resp: 205325
Ion Ratio Lower Upper
152 100
150 158.0 123.8 185.6
115 56.2 43.8 65.6



#5
2-Fluorophenol
Concen: 93.71 ng
RT: 5.399 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP004578.D
Acq: 15 Jan 2021 15:21

Tgt Ion:112 Resp: 1103913
Ion Ratio Lower Upper
112 100
64 46.2 32.8 49.2
63 23.4 17.0 25.4

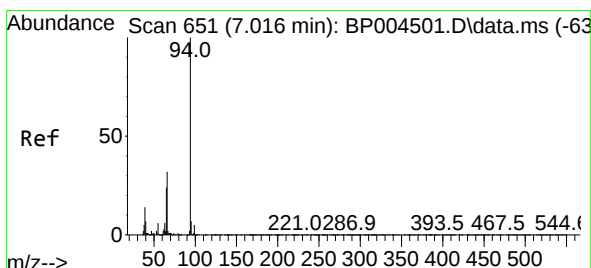
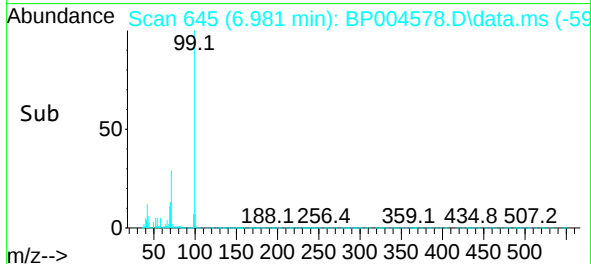
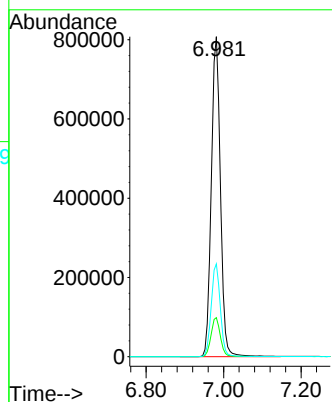
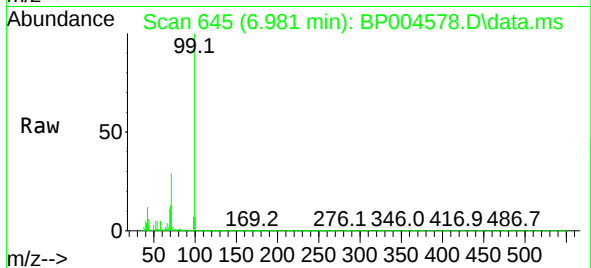




#7
Phenol-d6
Concen: 81.68 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP004578.D
Acq: 15 Jan 2021 15:21

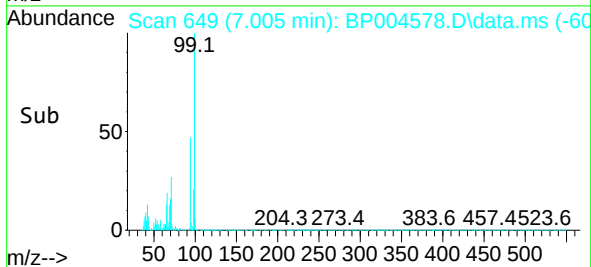
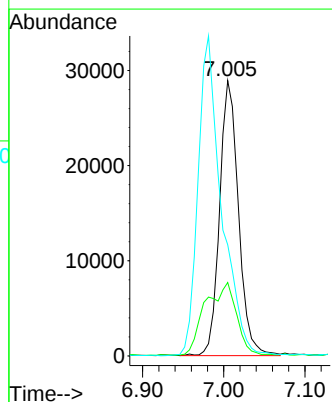
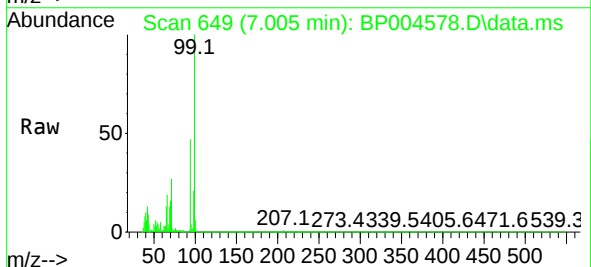
Instrument :
BNA_P
ClientSampleId :
BORE-2-1FT-7FT

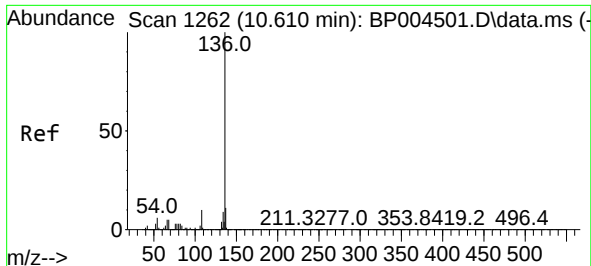
Tgt Ion: 99 Resp: 1317971
Ion Ratio Lower Upper
99 100
42 12.2 8.6 13.0
71 29.0 23.4 35.2



#10
Phenol
Concen: 3.03 ng
RT: 7.005 min Scan# 649
Delta R.T. -0.012 min
Lab File: BP004578.D
Acq: 15 Jan 2021 15:21

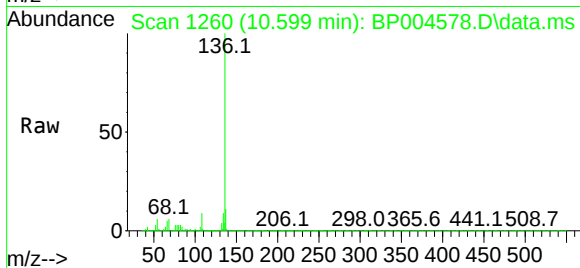
Tgt Ion: 94 Resp: 46852
Ion Ratio Lower Upper
94 100
65 26.7 2.3 42.3
66 40.4 10.9 50.9



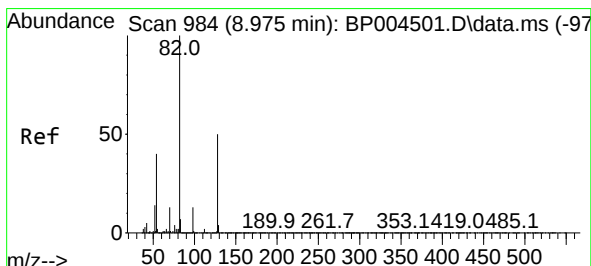
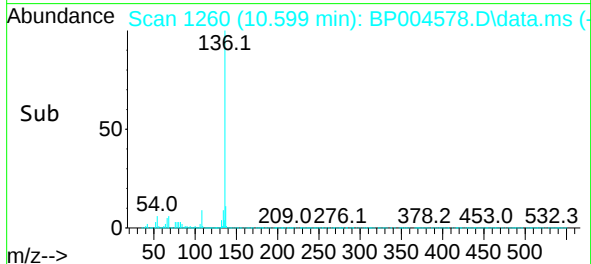
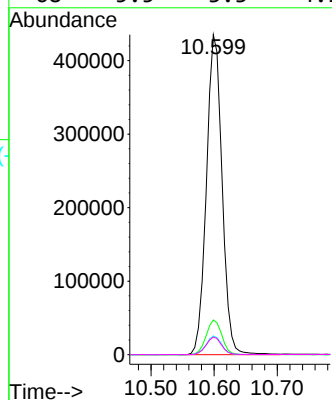


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.599 min Scan# 1260
Delta R.T. -0.011 min
Lab File: BP004578.D
Acq: 15 Jan 2021 15:21

Instrument :
BNA_P
ClientSampleId :
BORE-2-1FT-7FT

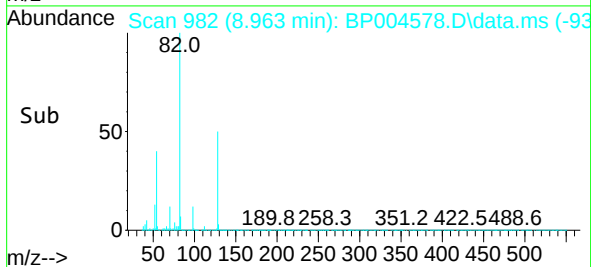
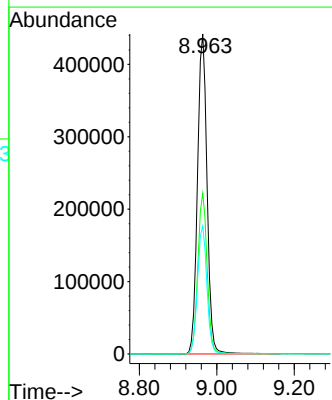
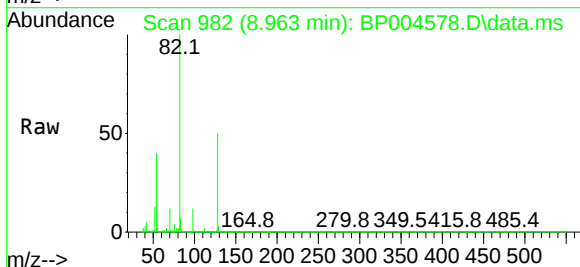


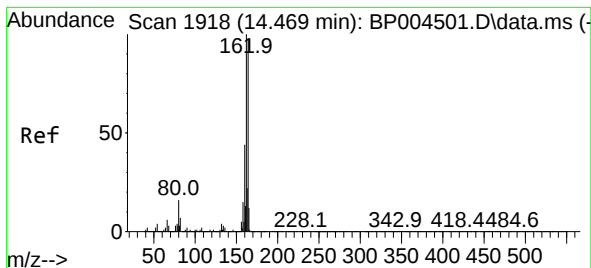
Tgt Ion:	136	Resp:	749991
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	5.8	3.6	5.4#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 57.04 ng
RT: 8.963 min Scan# 982
Delta R.T. -0.012 min
Lab File: BP004578.D
Acq: 15 Jan 2021 15:21

Tgt Ion:	82	Resp:	756734
Ion Ratio	Lower	Upper	
82	100		
128	50.3	45.6	68.4
54	40.0	30.1	45.1





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.457 min Scan# 1916

Delta R.T. -0.012 min

Lab File: BP004578.D

Acq: 15 Jan 2021 15:21

Instrument :

BNA_P

ClientSampleId :

BORE-2-1FT-7FT

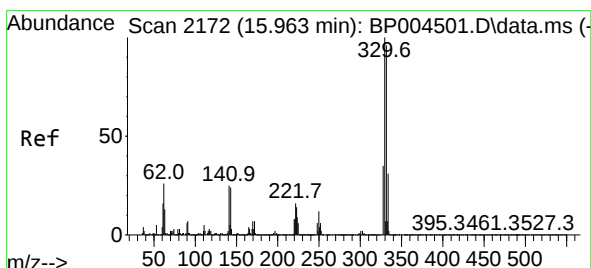
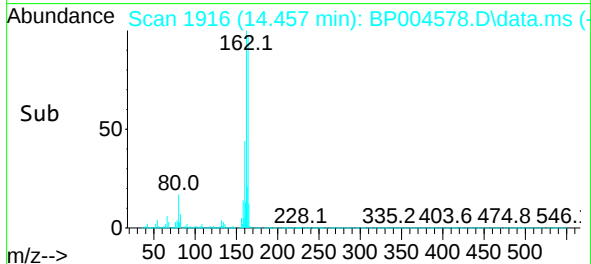
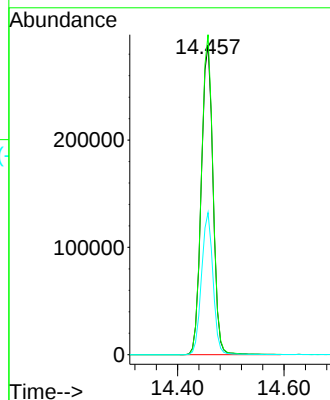
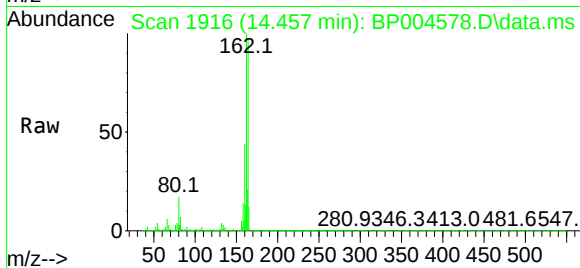
Tgt Ion:164 Resp: 441279

Ion Ratio Lower Upper

164 100

162 103.3 79.4 119.2

160 45.9 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 76.51 ng

RT: 15.957 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BP004578.D

Acq: 15 Jan 2021 15:21

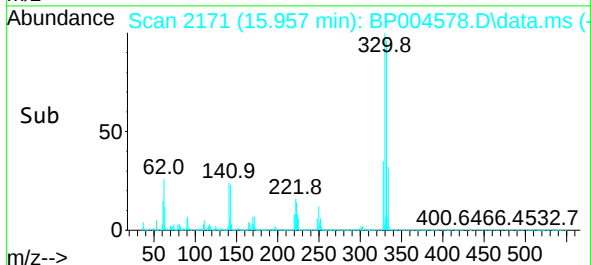
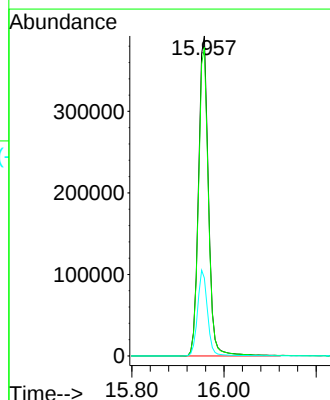
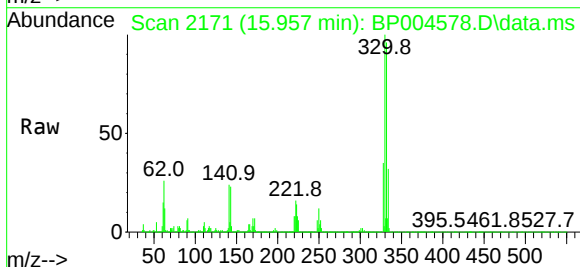
Tgt Ion:330 Resp: 586989

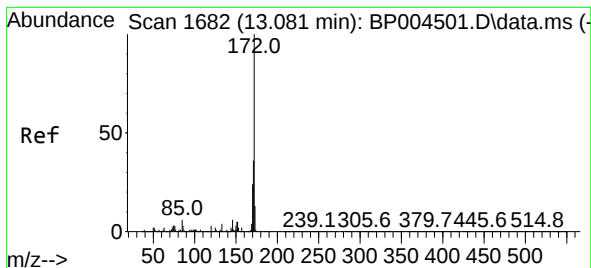
Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 26.8 23.4 35.2

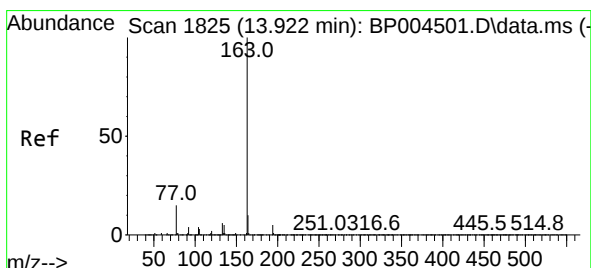
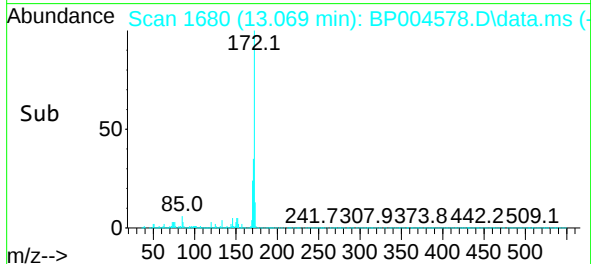
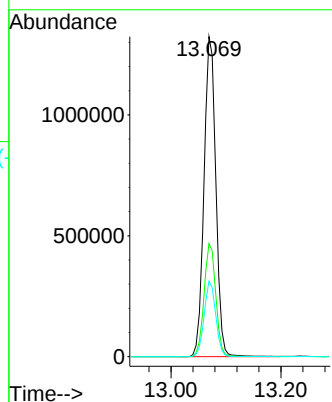
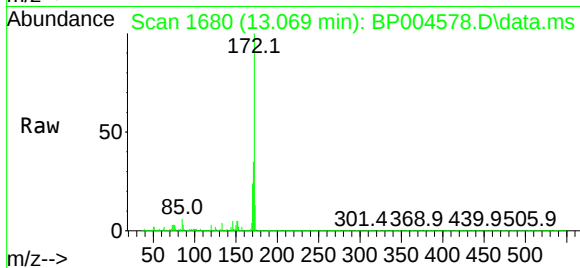




#45
2-Fluorobiphenyl
Concen: 58.23 ng
RT: 13.069 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP004578.D
Acq: 15 Jan 2021 15:21

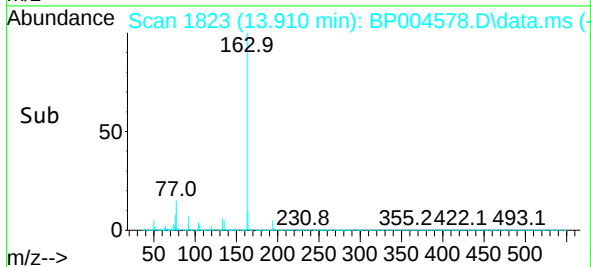
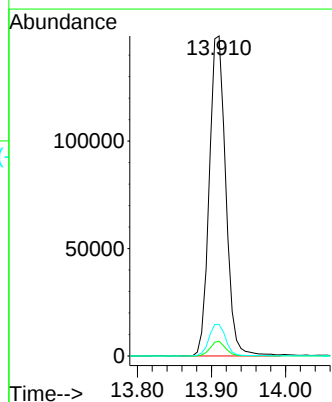
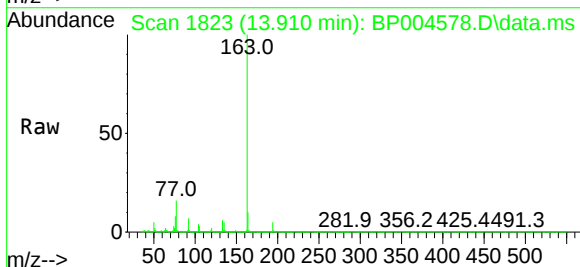
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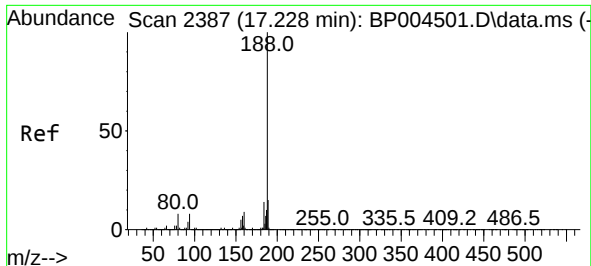
Tgt Ion:172 Resp: 1976587
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.6 19.2 28.8



#50
Dimethylphthalate
Concen: 6.29 ng
RT: 13.910 min Scan# 1823
Delta R.T. -0.012 min
Lab File: BP004578.D
Acq: 15 Jan 2021 15:21

Tgt Ion:163 Resp: 229898
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 9.8 8.2 12.2

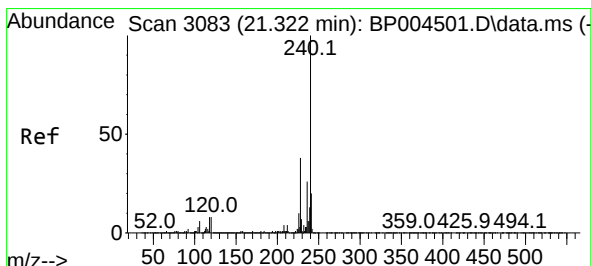
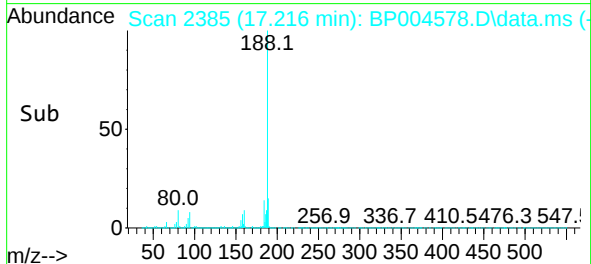
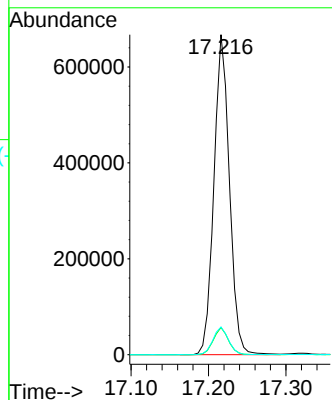
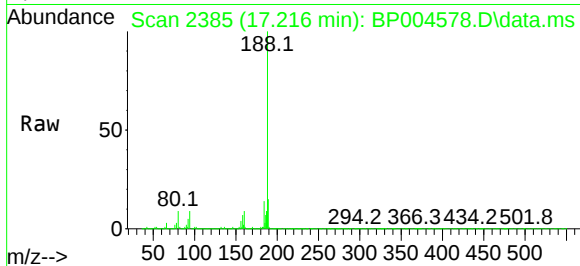




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.216 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BP004578.D
Acq: 15 Jan 2021 15:21

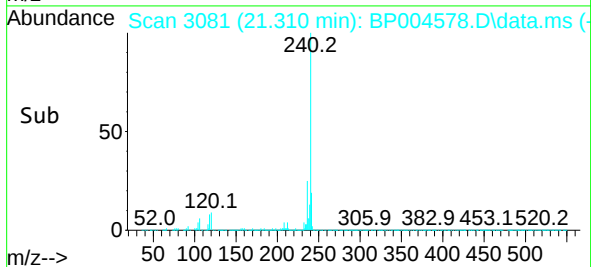
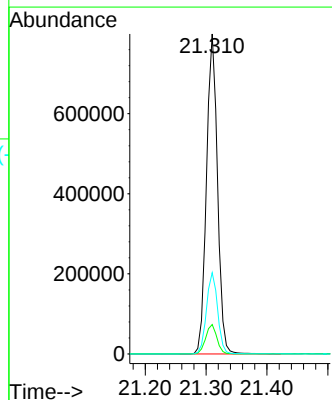
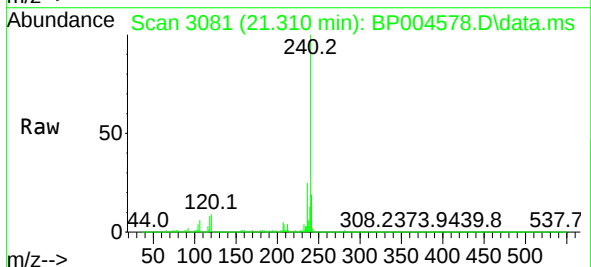
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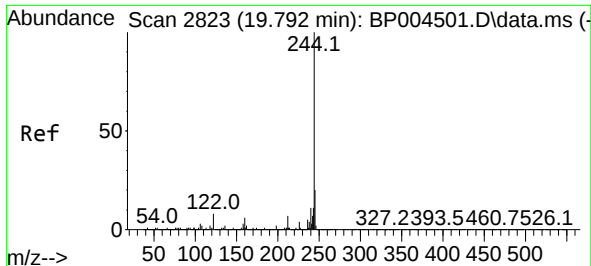
Tgt Ion:188 Resp: 927969
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 8.6 6.2 9.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.310 min Scan# 3081
Delta R.T. -0.012 min
Lab File: BP004578.D
Acq: 15 Jan 2021 15:21

Tgt Ion:240 Resp: 1004156
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 25.4 20.8 31.2

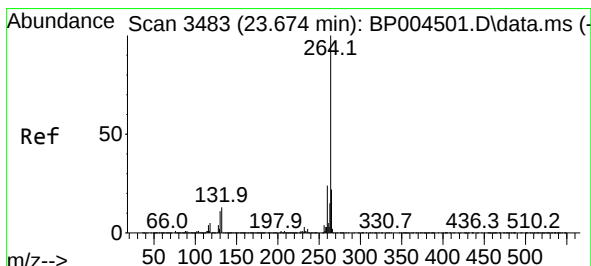
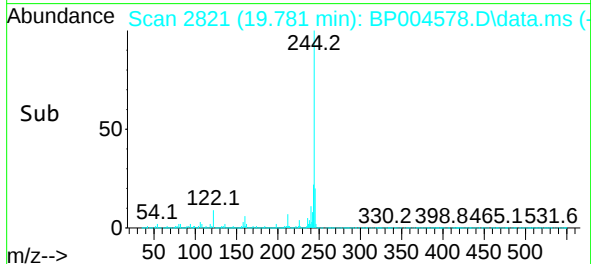
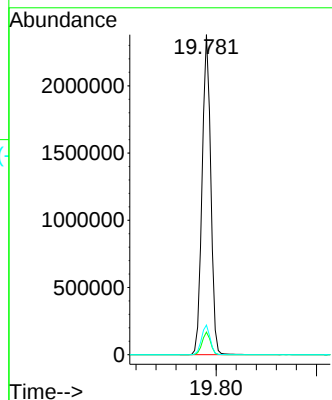
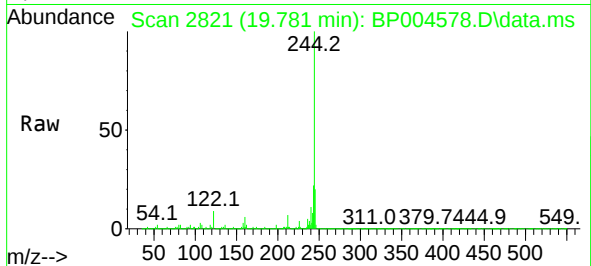




#79
Terphenyl-d14
Concen: 51.78 ng
RT: 19.781 min Scan# 2821
Delta R.T. -0.012 min
Lab File: BP004578.D
Acq: 15 Jan 2021 15:21

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:244 Resp: 2845817
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.2 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.657 min Scan# 3480
Delta R.T. -0.017 min
Lab File: BP004578.D
Acq: 15 Jan 2021 15:21

Tgt Ion:264 Resp: 1075157
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.9 17.4 26.2

