

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
 Data File : BP006080.D
 Acq On : 28 Jun 2021 16:41
 Operator : CG/JU
 Sample : M2864-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 12002

Quant Time: Jun 29 02:04:16 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 28 11:34:30 2021
 Response via : Initial Calibration

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

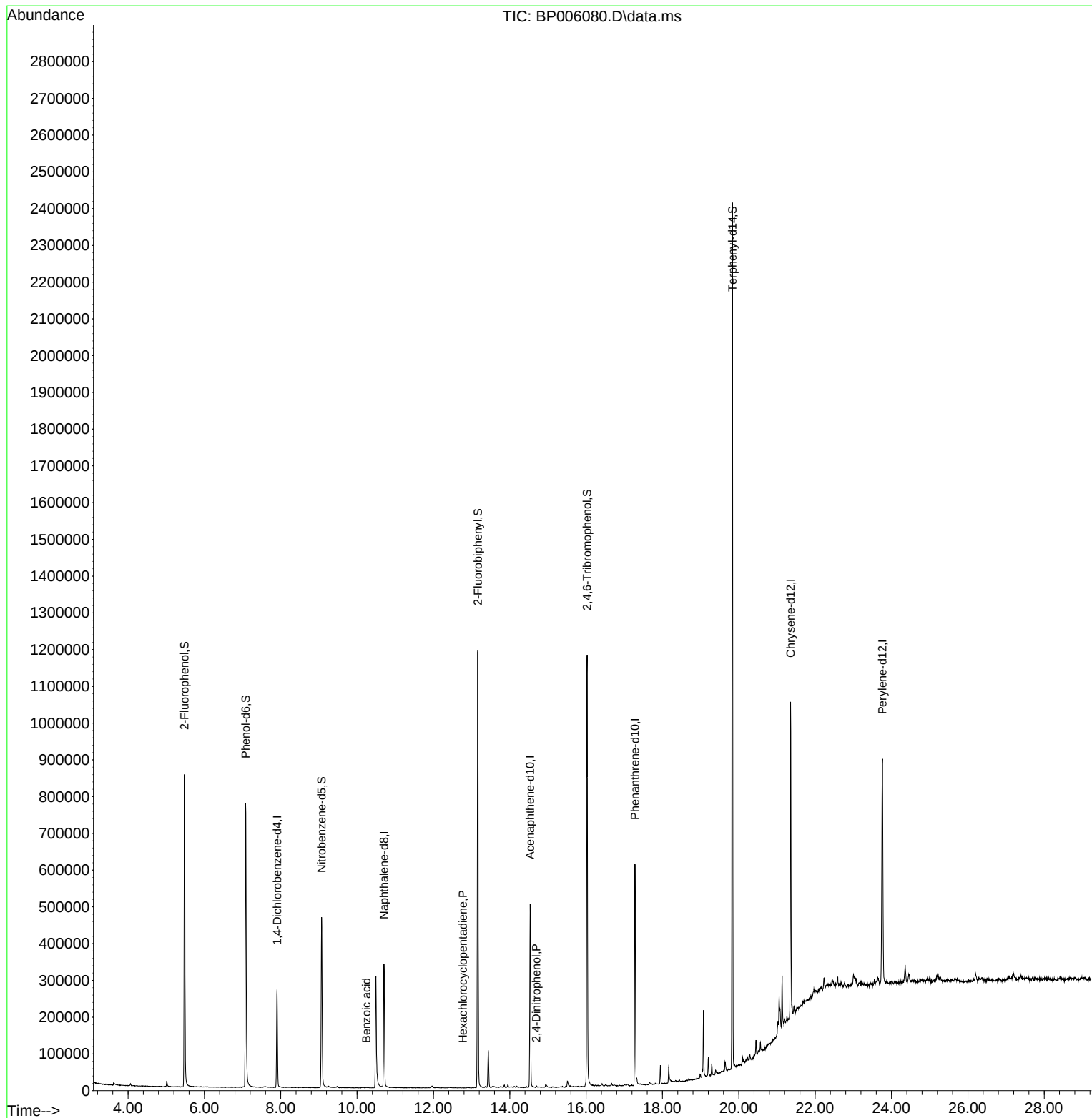
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	76513	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	291249	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	179081	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	364642	20.000	ng	0.00
76) Chrysene-d12	21.357	240	420254	20.000	ng	0.00
86) Perylene-d12	23.763	264	476433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	417538	87.566	ng	0.00
7) Phenol-d6	7.081	99	505491	81.790	ng	0.00
23) Nitrobenzene-d5	9.069	82	299622	50.437	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	250022	81.356	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	648284	47.536	ng	0.00
79) Terphenyl-d14	19.833	244	1134738	50.560	ng	0.00
Target Compounds						
32) Benzoic acid	10.240	122	134	6.355	ng	Qvalue 88
41) Hexachlorocyclopentadiene	12.769	237	26	5.511	ng	85
54) 2,4-Dinitrophenol	14.698	184	13	4.855	ng	# 1

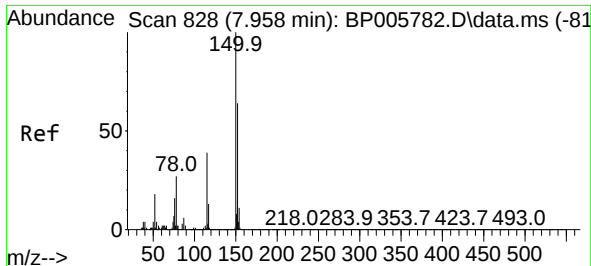
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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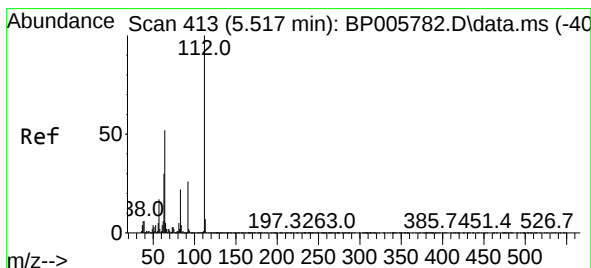
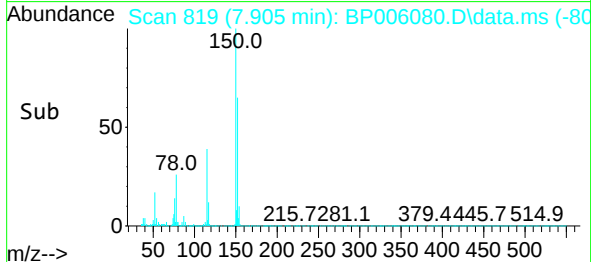
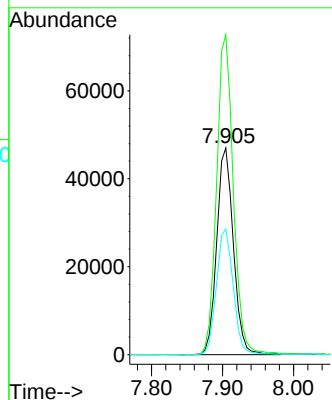
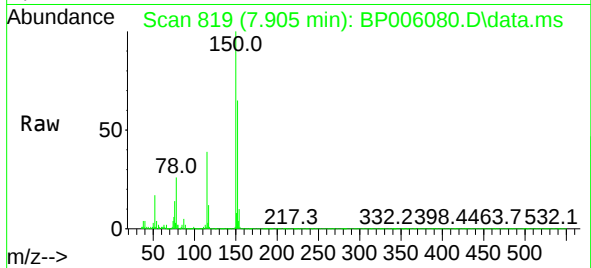




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

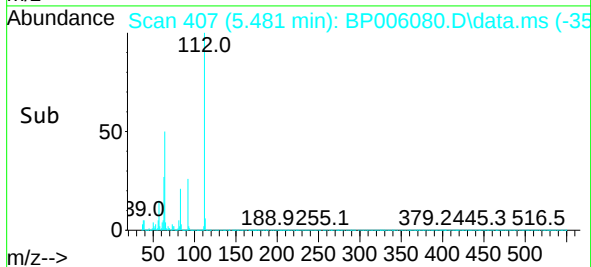
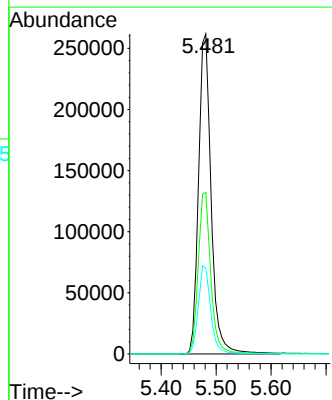
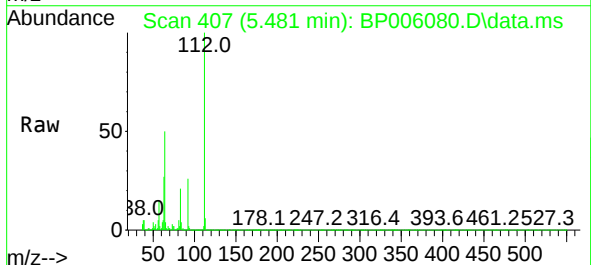
Instrument :
BNA_P
ClientSampleId :
12002

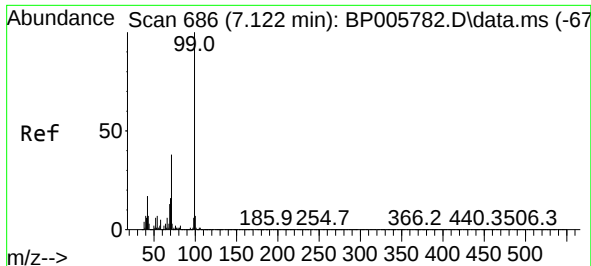
Tgt Ion:152 Resp: 76513
Ion Ratio Lower Upper
152 100
150 154.8 125.6 188.4
115 60.7 48.5 72.7



#5
2-Fluorophenol
Concen: 87.566 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

Tgt Ion:112 Resp: 417538
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 26.9 23.8 35.8

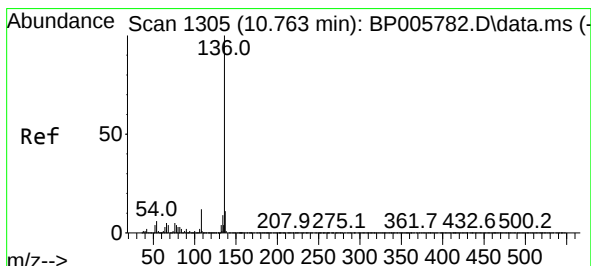
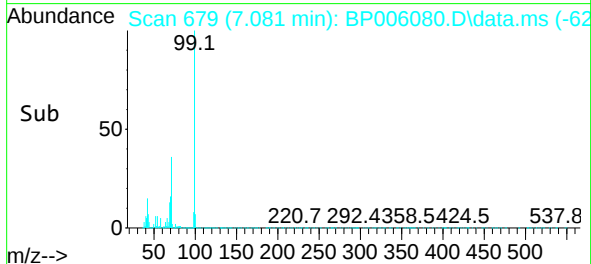
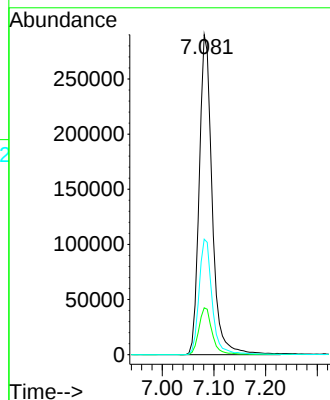
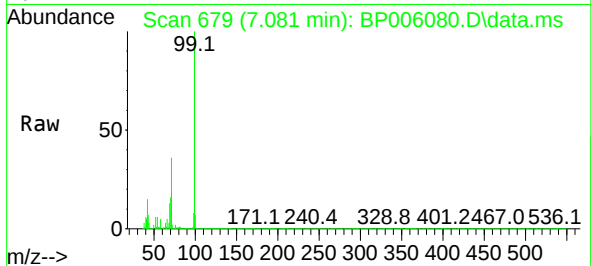




#7
Phenol-d6
Concen: 81.790 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

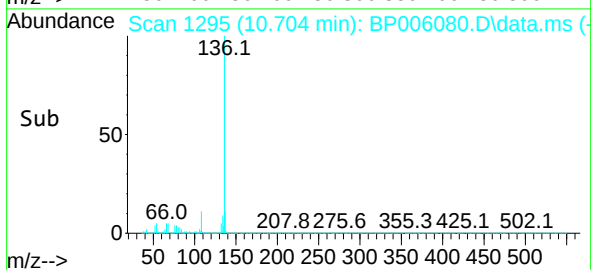
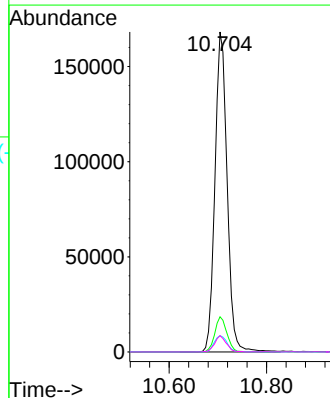
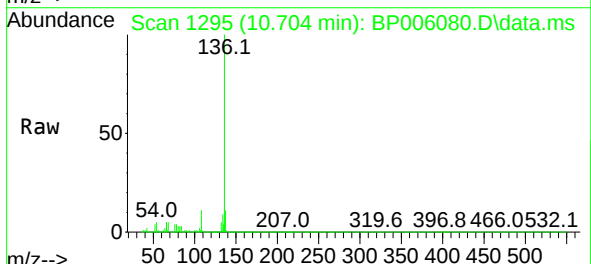
Instrument :
BNA_P
ClientSampled :
12002

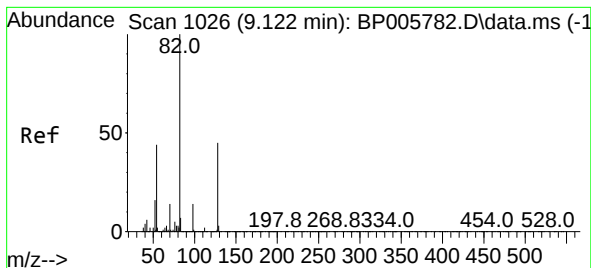
Tgt Ion: 99 Resp: 505491
Ion Ratio Lower Upper
99 100
42 14.6 13.4 20.0
71 36.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

Tgt Ion: 136 Resp: 291249
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 5.1 4.6 6.8
68 5.1 3.6 5.4

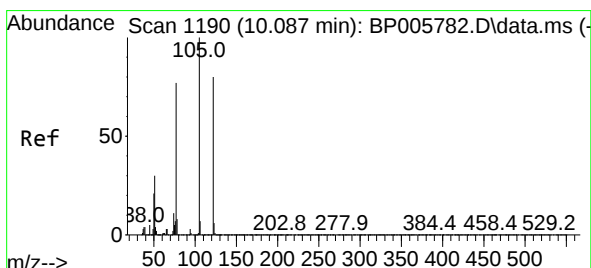
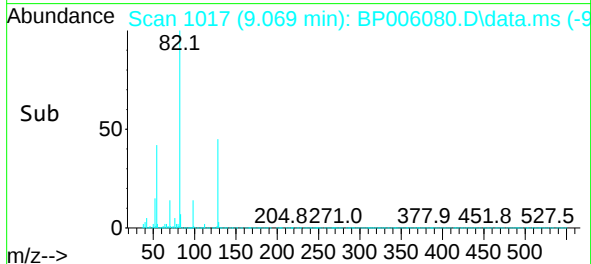
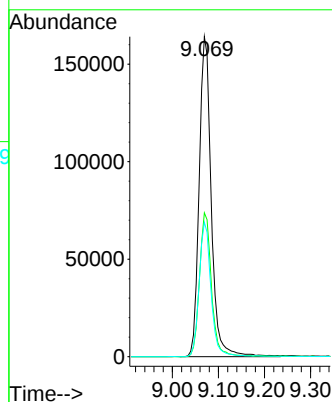
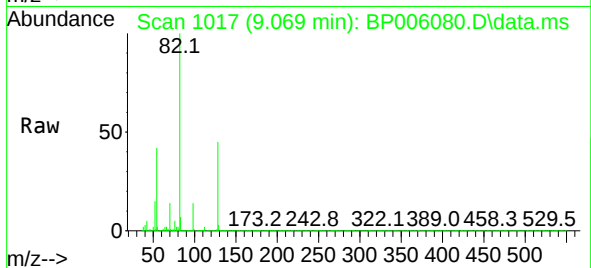




#23
Nitrobenzene-d5
Concen: 50.437 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

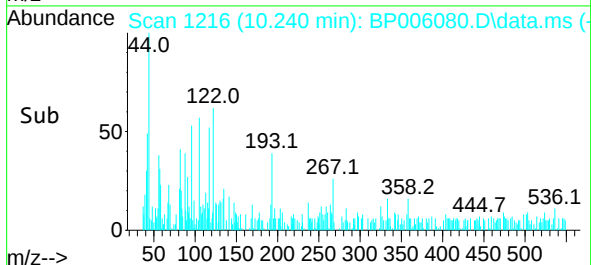
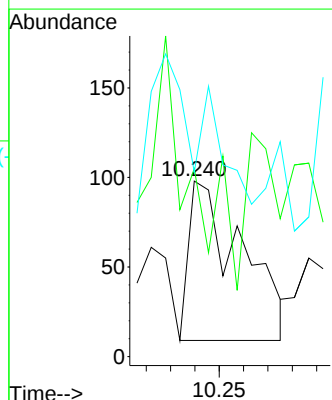
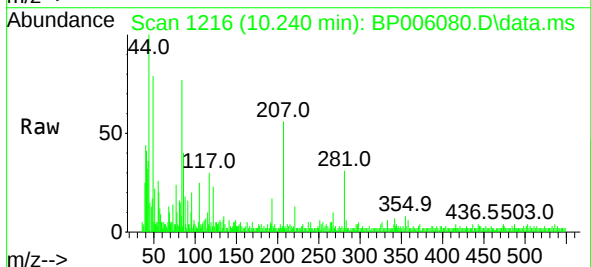
Instrument :
BNA_P
ClientSampled :
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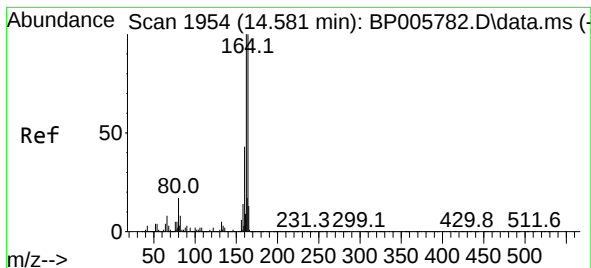
Tgt Ion: 82 Resp: 299622
Ion Ratio Lower Upper
82 100
128 45.0 35.7 53.5
54 42.0 35.0 52.4



#32
Benzoic acid
Concen: 6.355 ng
RT: 10.240 min Scan# 1216
Delta R.T. 0.159 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

Tgt Ion: 122 Resp: 134
Ion Ratio Lower Upper
122 100
105 107.1 103.2 143.2
77 105.1 76.2 116.2

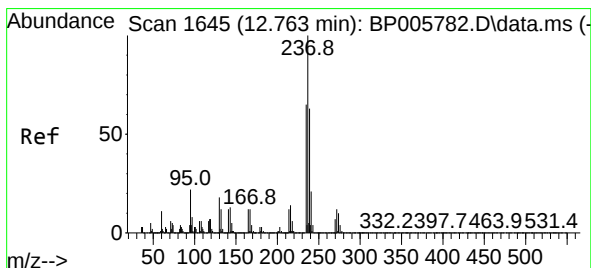
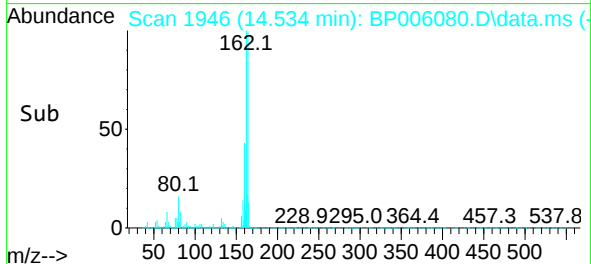
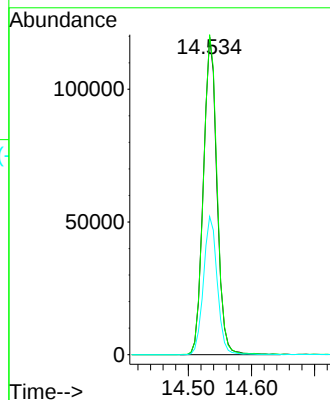
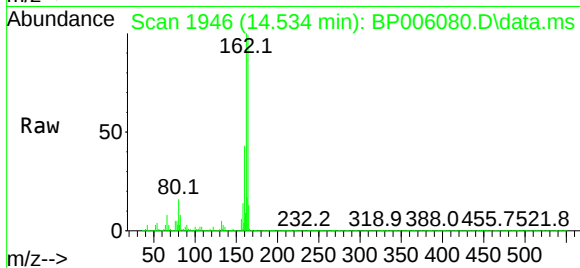




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

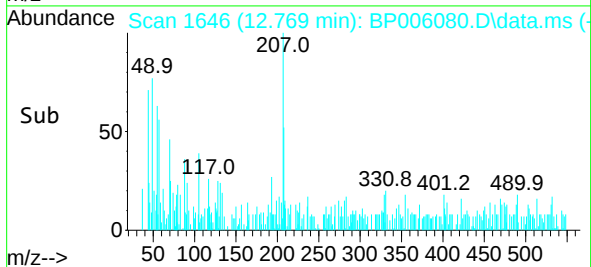
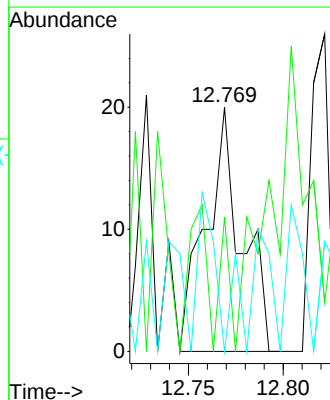
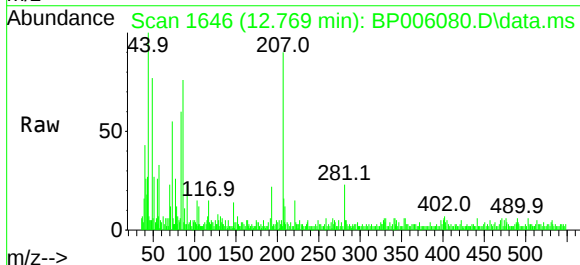
Instrument :
BNA_P
ClientSampled :
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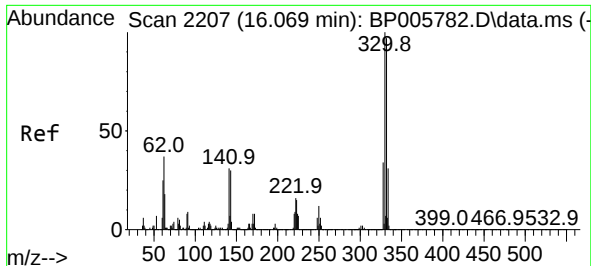
Tgt Ion:164 Resp: 179081
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 43.4 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.511 ng
RT: 12.769 min Scan# 1646
Delta R.T. 0.059 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

Tgt Ion:237 Resp: 26
Ion Ratio Lower Upper
237 100
235 55.0 44.5 84.5
272 0.0 0.0 32.5

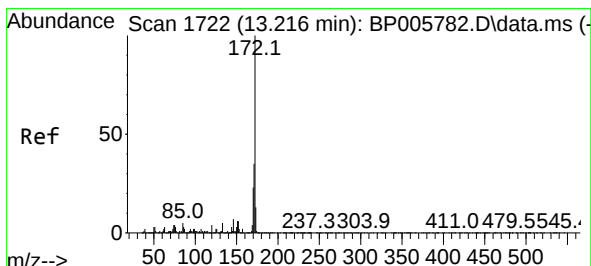
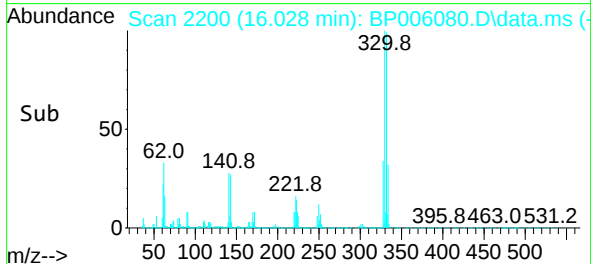
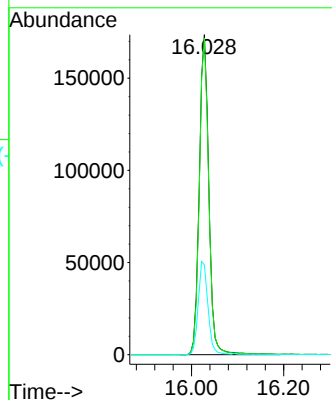
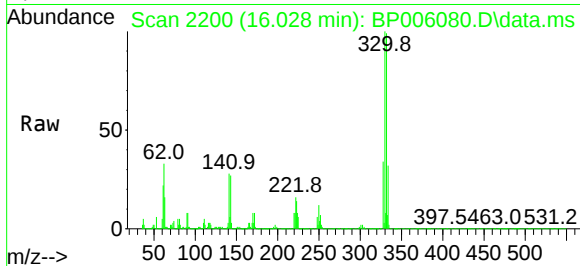




#42
2,4,6-Tribromophenol
Concen: 81.356 ng
RT: 16.028 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

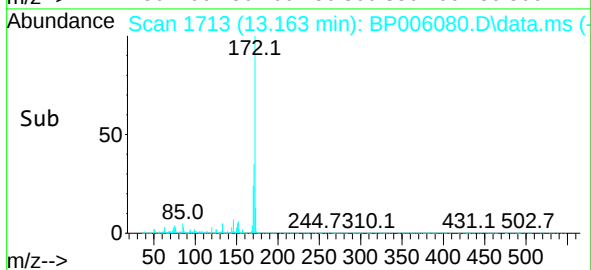
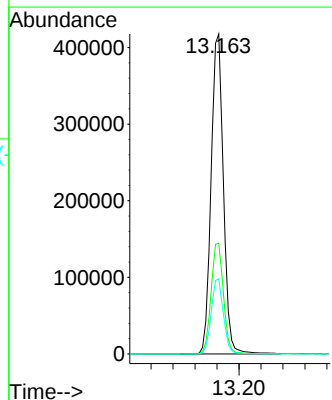
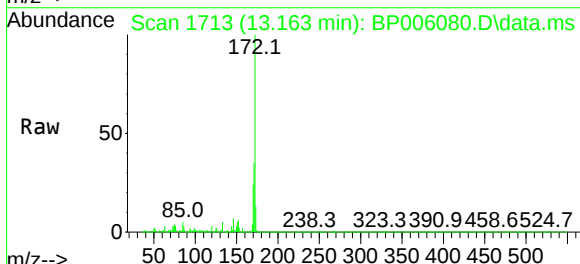
Instrument :
BNA_P
ClientSampled :
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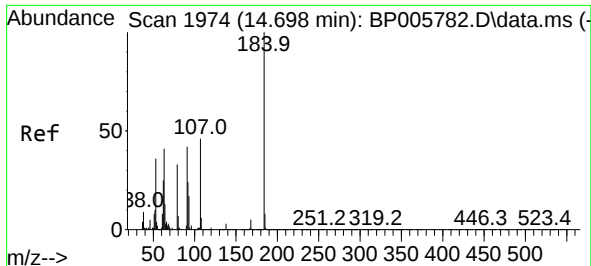
Tgt Ion:330 Resp: 250022
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 29.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 47.536 ng
RT: 13.163 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

Tgt Ion:172 Resp: 648284
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.5 18.6 27.8

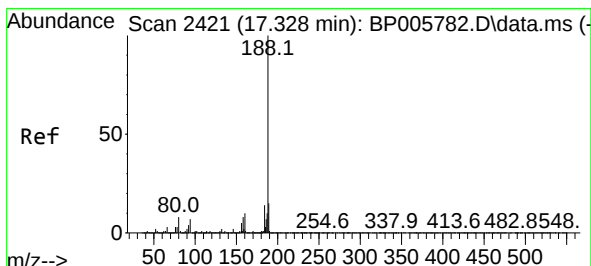
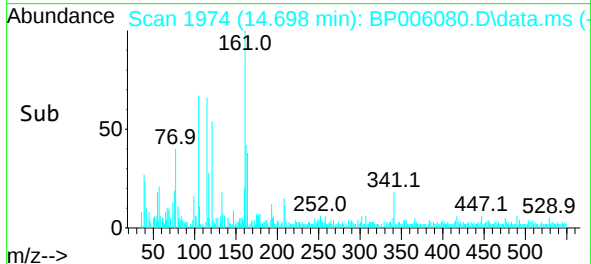
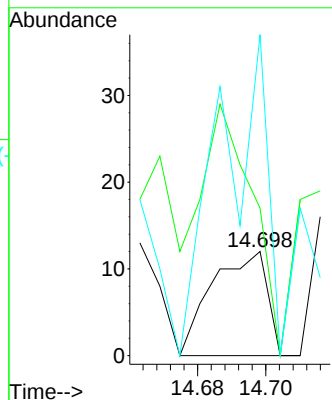
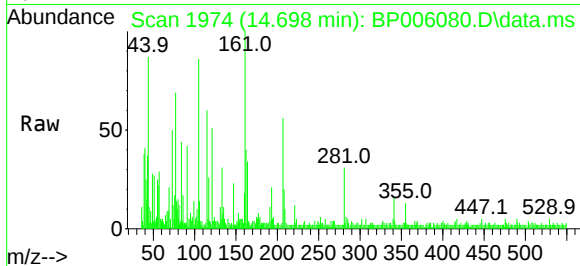




#54
2,4-Dinitrophenol
Concen: 4.855 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.024 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

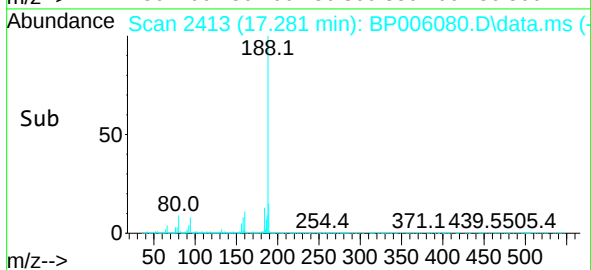
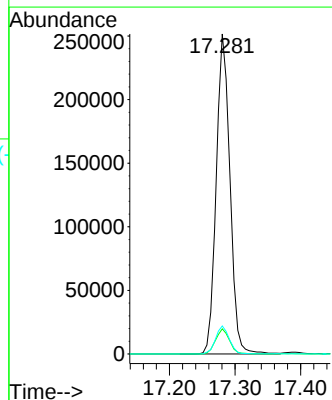
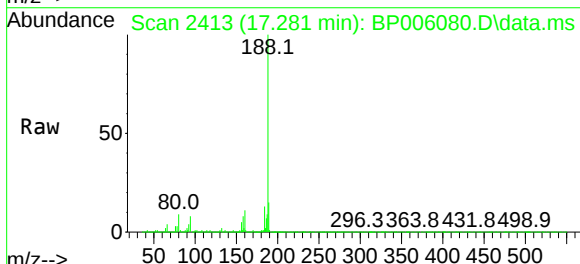
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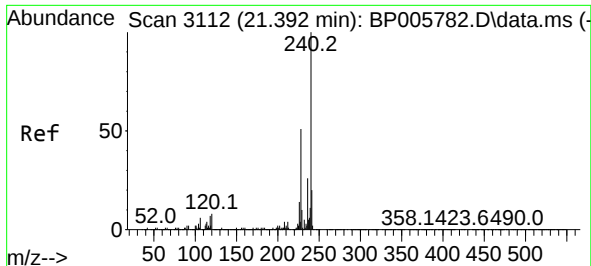
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 141.7 47.0 70.6#
154 308.3 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

Tgt Ion:188 Resp: 364642
Ion Ratio Lower Upper
188 100
94 7.8 5.6 8.4
80 8.7 6.3 9.5

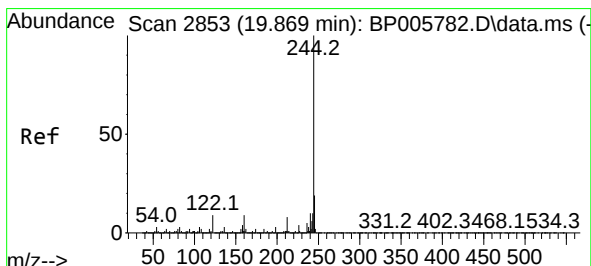
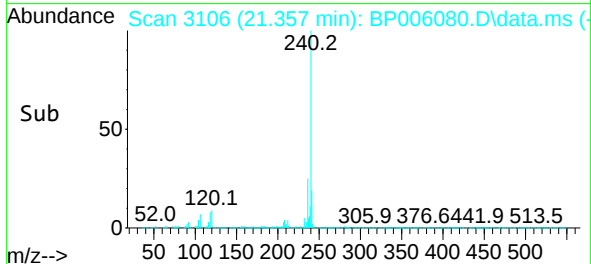
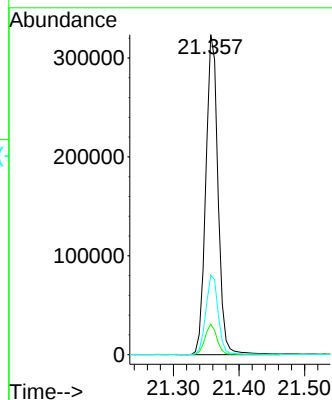
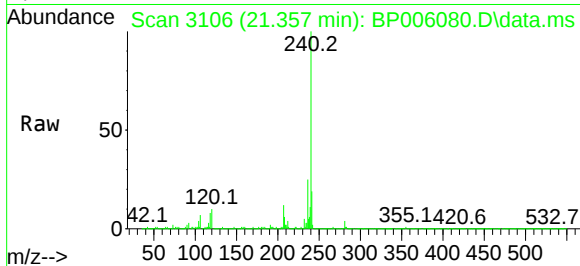




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

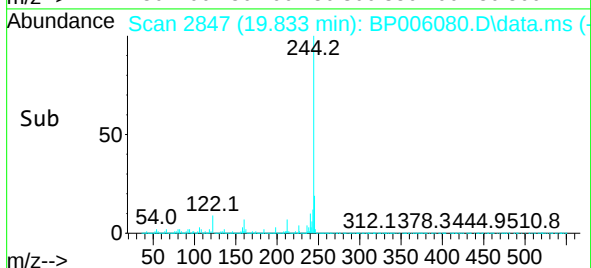
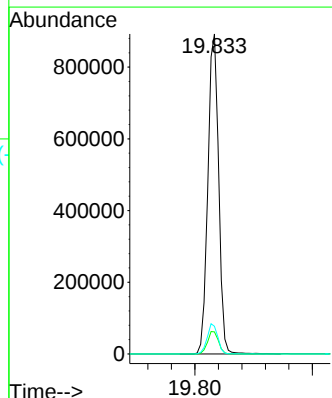
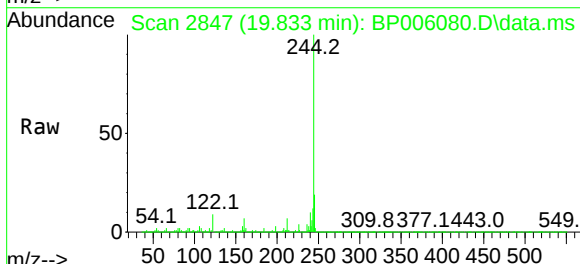
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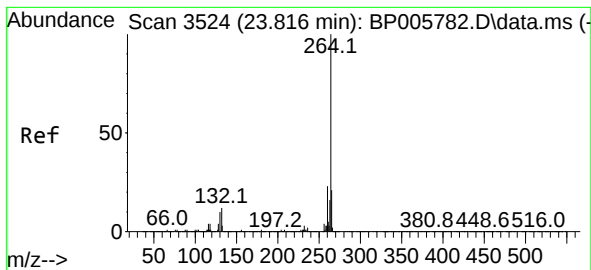
Tgt Ion:240 Resp: 420254
Ion Ratio Lower Upper
240 100
120 9.5 6.5 9.7
236 24.9 20.6 31.0



#79
Terphenyl-d14
Concen: 50.560 ng
RT: 19.833 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BP006080.D
Acq: 28 Jun 2021 16:41

Tgt Ion:244 Resp: 1134738
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 8.6 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.763 min Scan# 3515
 Delta R.T. 0.006 min
 Lab File: BP006080.D
 Acq: 28 Jun 2021 16:41

Instrument :
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 ClientSampleId :
 12002

Tgt Ion:264 Resp: 476433
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 28.0
 265 22.3 17.6 26.4

