

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060821\
 Data File : BP005808.D
 Acq On : 09 Jun 2021 12:08
 Operator : CG/JU
 Sample : M2589-33
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B10(4-6)

Quant Time: Jun 09 12:54:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 09 02:47:38 2021
 Response via : Initial Calibration

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

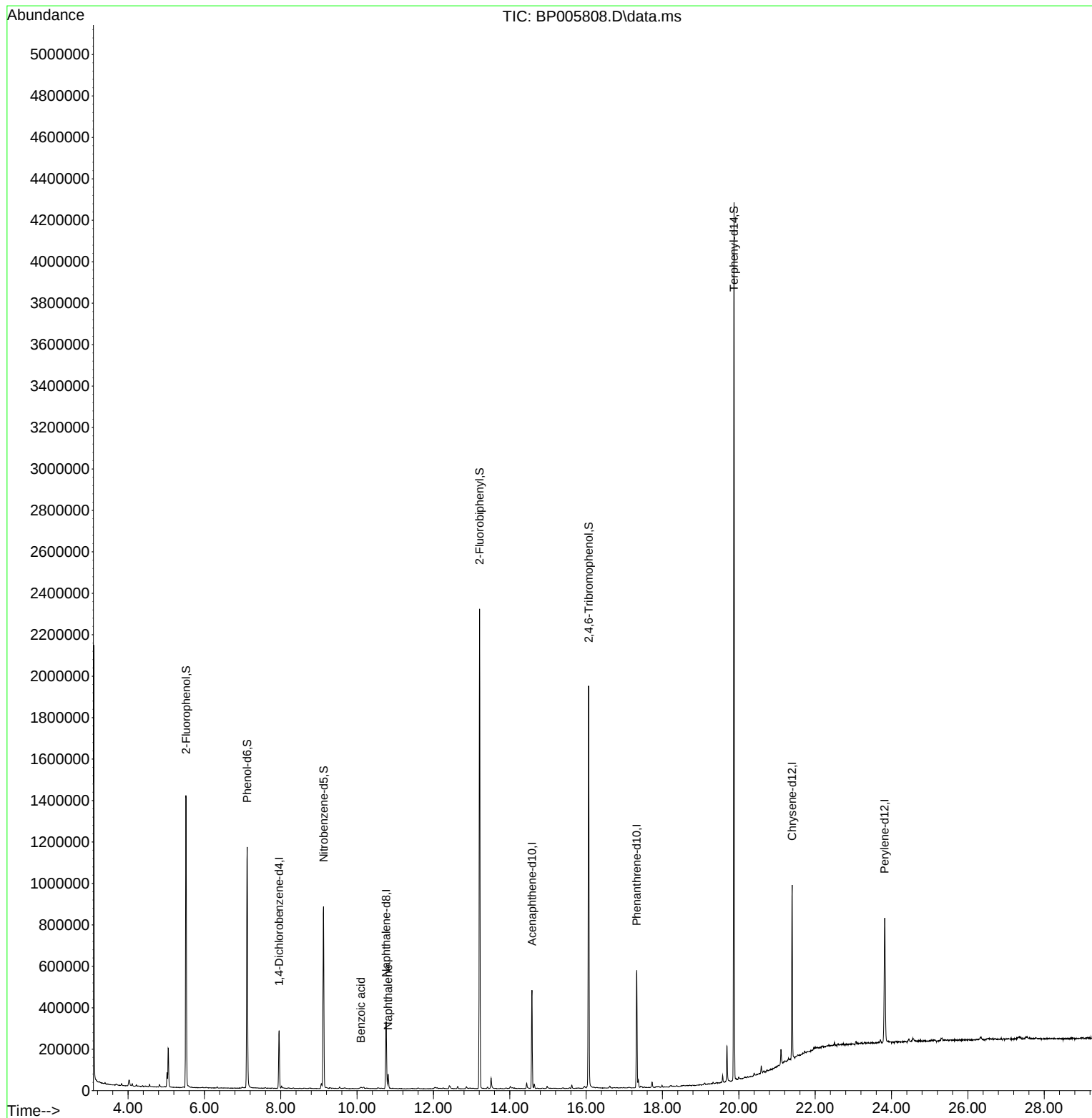
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	74536	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	271117	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	161839	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	341493	20.000	ng	0.00
76) Chrysene-d12	21.398	240	398653	20.000	ng	0.00
86) Perylene-d12	23.821	264	476143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	629904	135.607	ng	0.00
7) Phenol-d6	7.122	99	661524	109.875	ng	0.00
23) Nitrobenzene-d5	9.122	82	515186	93.163	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	386981	139.338	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	1107151	89.832	ng	0.00
79) Terphenyl-d14	19.875	244	1868912	87.784	ng	0.00
Target Compounds						
31) Naphthalene	10.810	128	46125	2.940	ng	Qvalue 98
32) Benzoic acid	10.099	122	209	6.379	ng	# 86

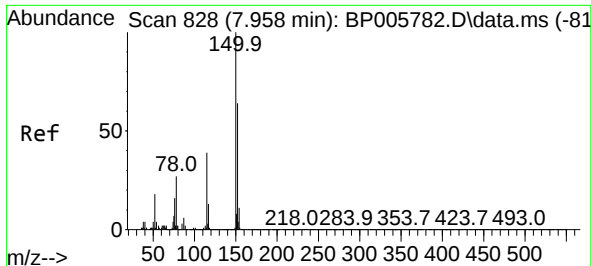
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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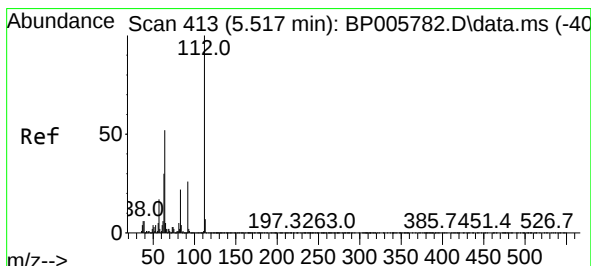
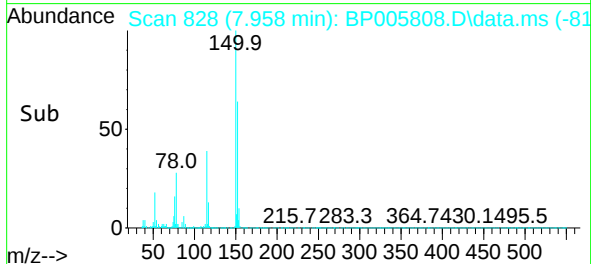
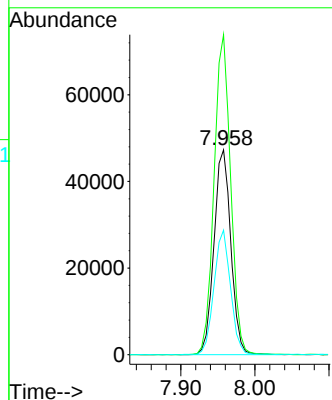
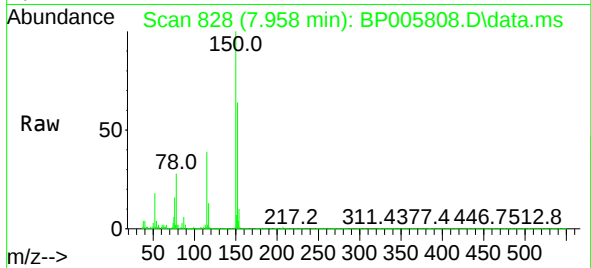




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 828
Delta R.T. -0.000 min
Lab File: BP005808.D
Acq: 09 Jun 2021 12:08

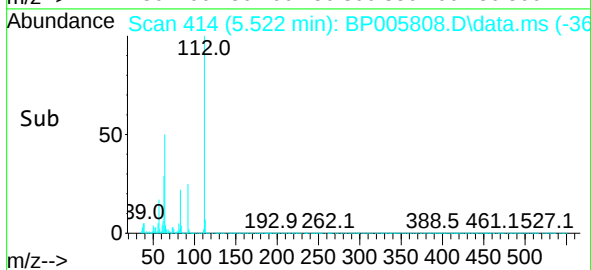
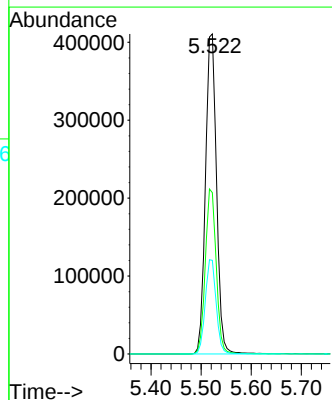
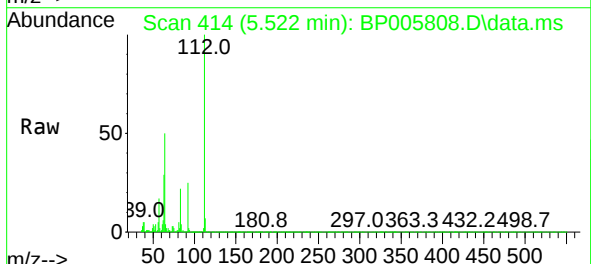
Instrument :
BNA_P
ClientSampleId :
18-B10(4-6)

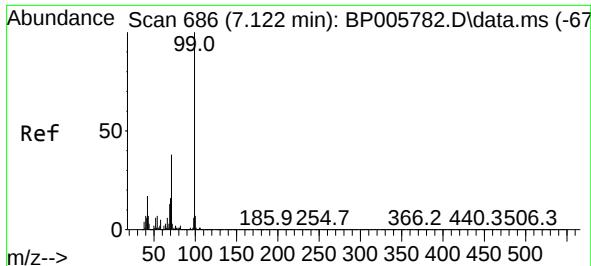
Tgt Ion:152 Resp: 74536
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 60.8 48.5 72.7



#5
2-Fluorophenol
Concen: 135.607 ng
RT: 5.522 min Scan# 414
Delta R.T. 0.005 min
Lab File: BP005808.D
Acq: 09 Jun 2021 12:08

Tgt Ion:112 Resp: 629904
Ion Ratio Lower Upper
112 100
64 50.4 41.4 62.2
63 29.2 23.8 35.8

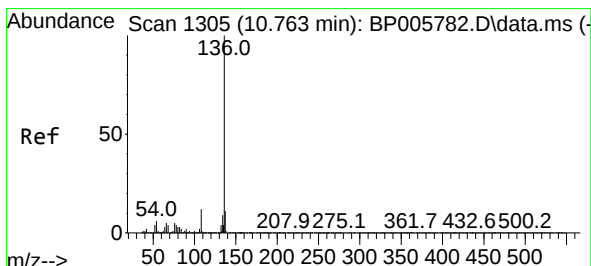
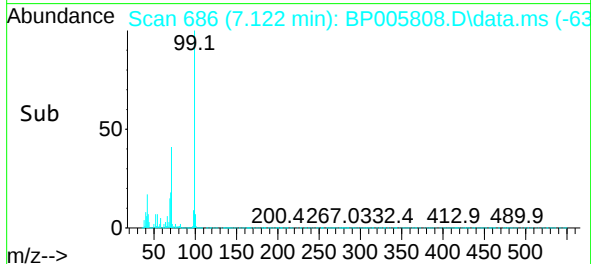
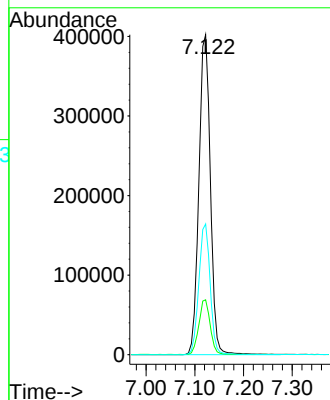
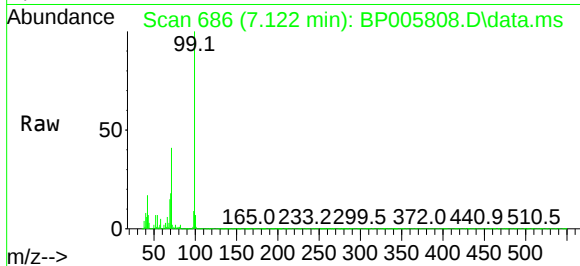




#7
Phenol-d6
Concen: 109.875 ng
RT: 7.122 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP005808.D
Acq: 09 Jun 2021 12:08

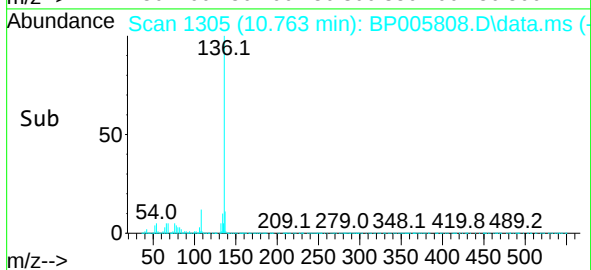
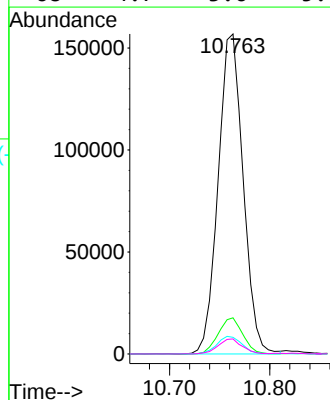
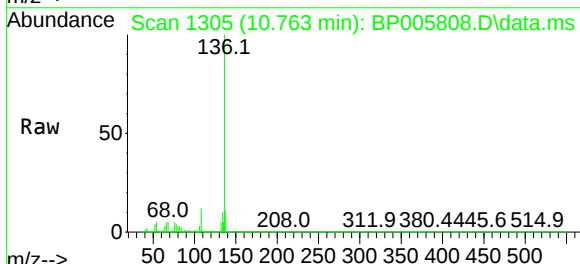
Instrument :
BNA_P
ClientSampleId :
18-B10(4-6)

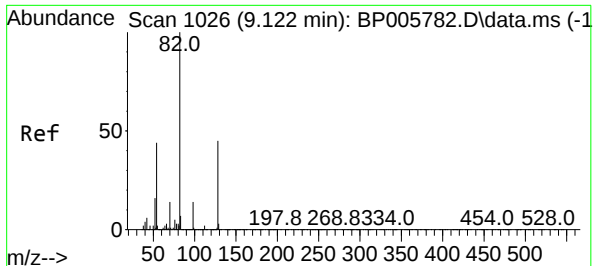
Tgt Ion:	99	Resp:	661524
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.4	20.0
71	40.9	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP005808.D
Acq: 09 Jun 2021 12:08

Tgt Ion:	136	Resp:	271117
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	5.2	4.6	6.8
68	4.7	3.6	5.4

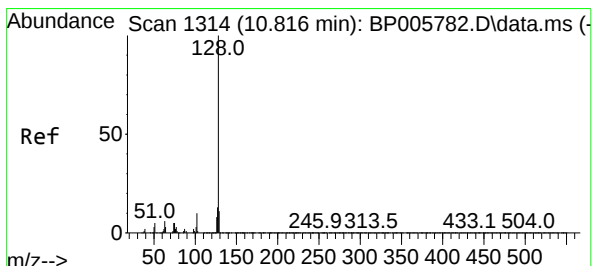
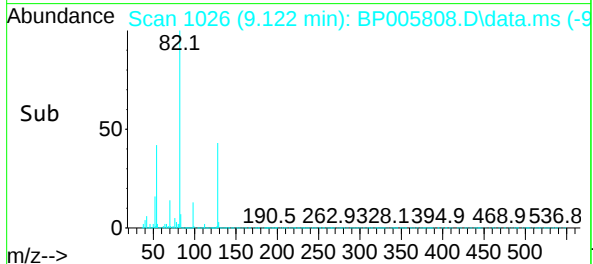
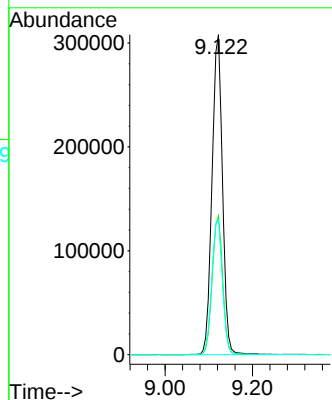
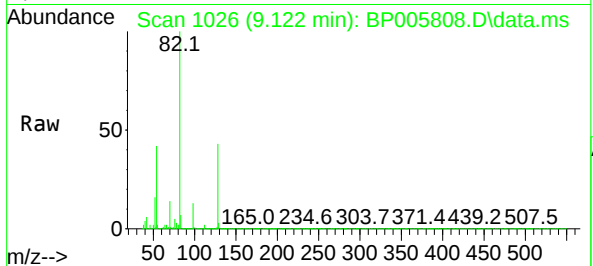




#23
Nitrobenzene-d5
Concen: 93.163 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP005808.D
Acq: 09 Jun 2021 12:08

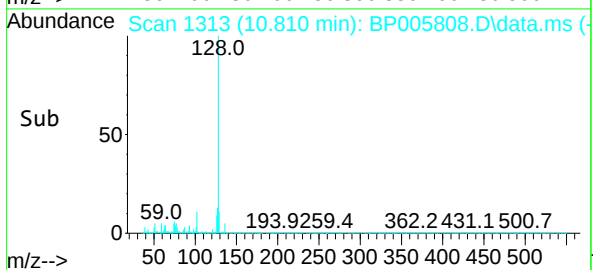
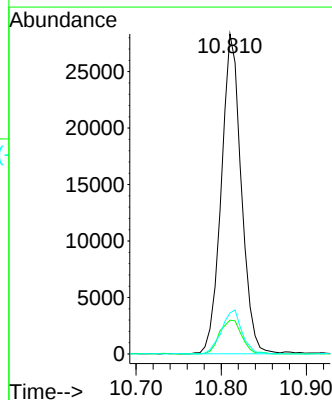
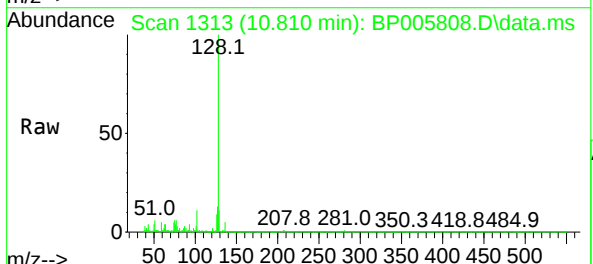
Instrument :
BNA_P
ClientSampleId :
18-B10(4-6)

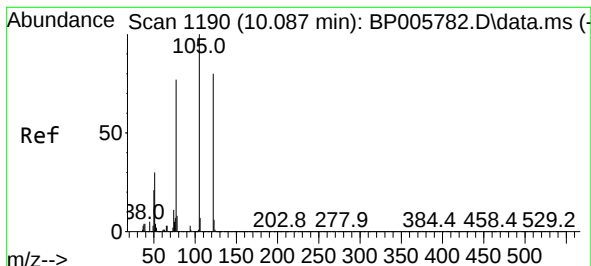
Tgt Ion: 82 Resp: 515186
Ion Ratio Lower Upper
82 100
128 43.4 35.7 53.5
54 42.1 35.0 52.4



#31
Naphthalene
Concen: 2.940 ng
RT: 10.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BP005808.D
Acq: 09 Jun 2021 12:08

Tgt Ion: 128 Resp: 46125
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 12.8 10.7 16.1

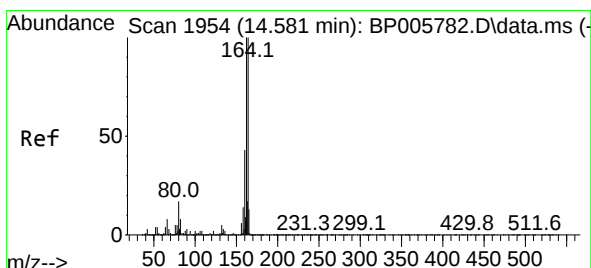
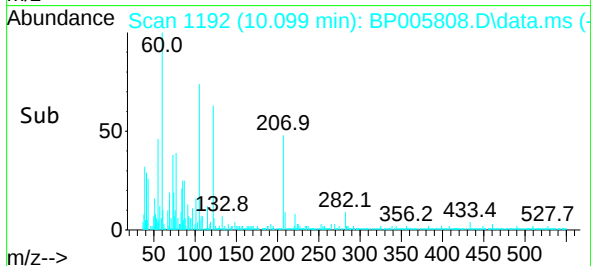
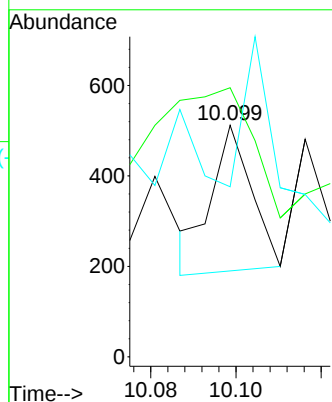
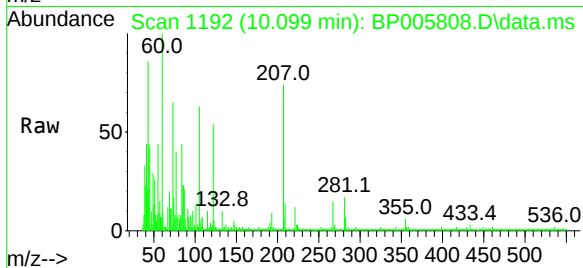




#32
Benzoic acid
Concen: 6.379 ng
RT: 10.099 min Scan# 1192
Delta R.T. 0.012 min
Lab File: BP005808.D
Acq: 09 Jun 2021 12:08

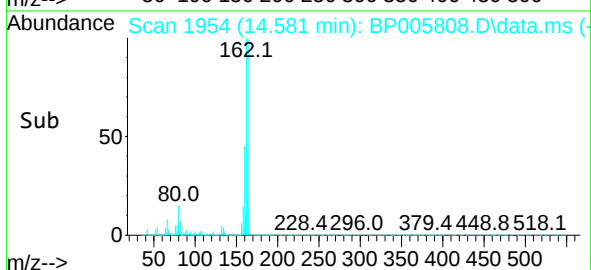
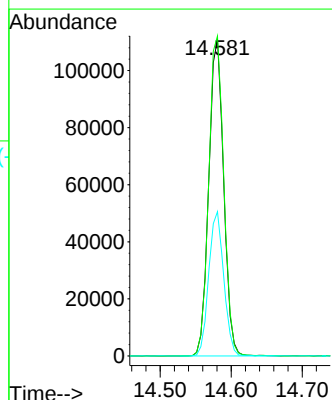
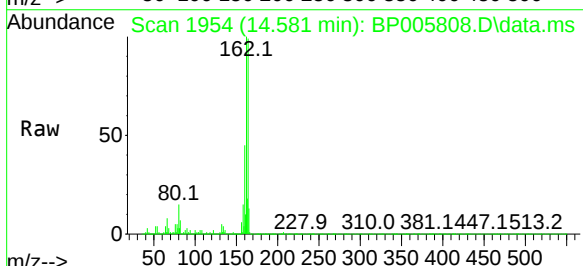
Instrument :
BNA_P
ClientSampleId :
18-B10(4-6)

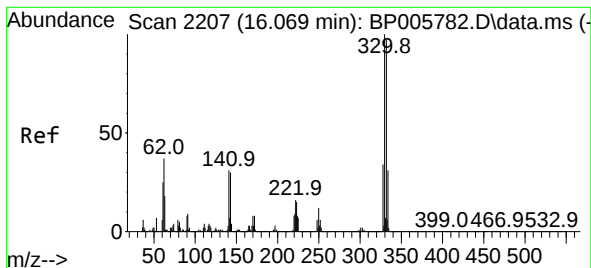
Tgt Ion:122 Resp: 209
Ion Ratio Lower Upper
122 100
105 116.2 103.2 143.2
77 73.4 76.2 116.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP005808.D
Acq: 09 Jun 2021 12:08

Tgt Ion:164 Resp: 161839
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 45.6 34.5 51.7

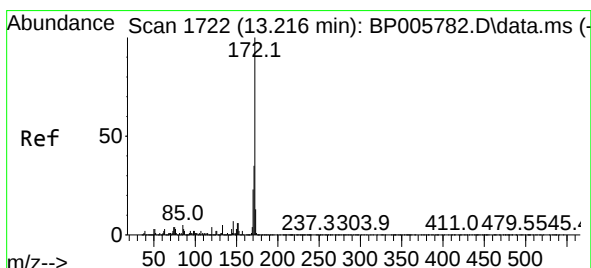
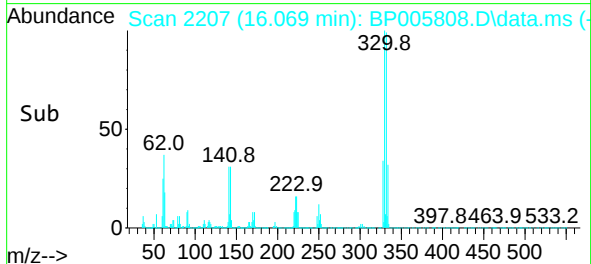
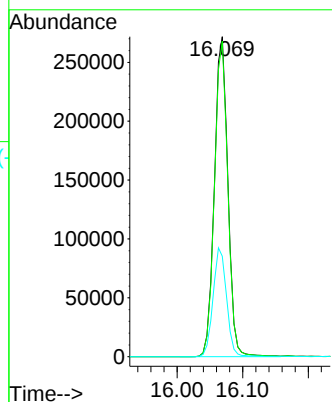
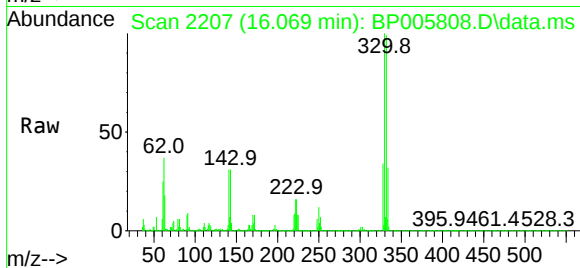




#42
2,4,6-Tribromophenol
Concen: 139.338 ng
RT: 16.069 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BP005808.D
Acq: 09 Jun 2021 12:08

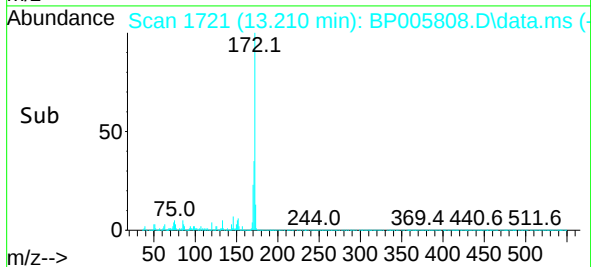
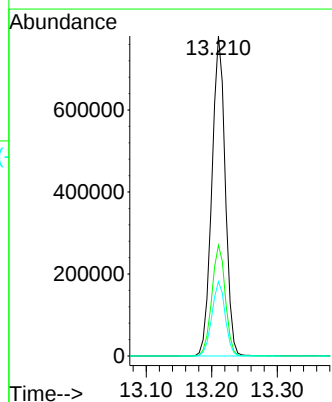
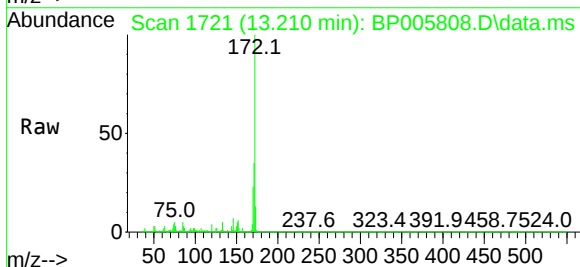
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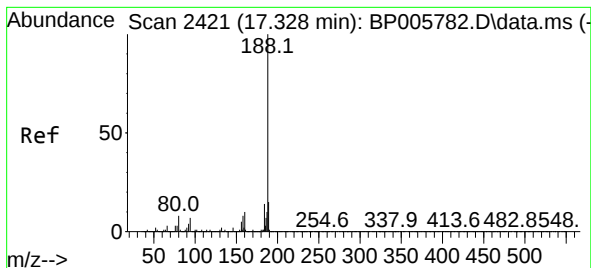
Tgt Ion:330 Resp: 386981
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.8
141 34.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 89.832 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP005808.D
Acq: 09 Jun 2021 12:08

Tgt Ion:172 Resp: 1107151
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.3 18.6 27.8

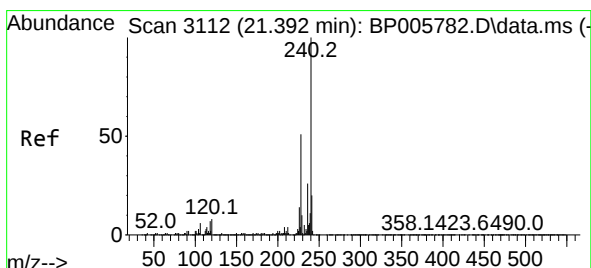
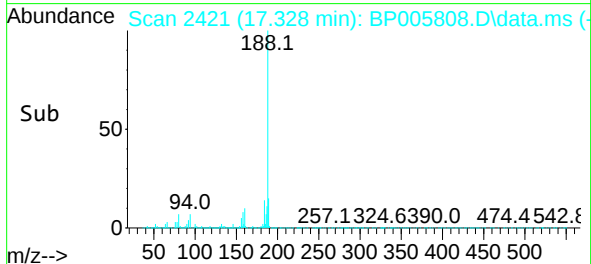
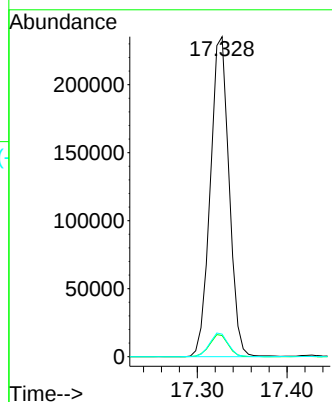
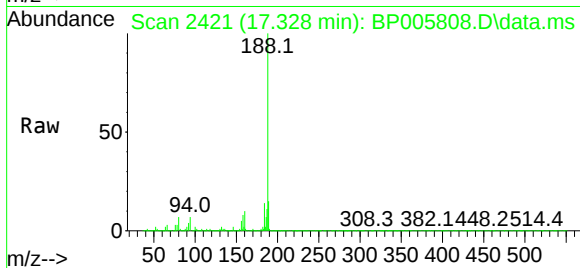




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BP005808.D
Acq: 09 Jun 2021 12:08

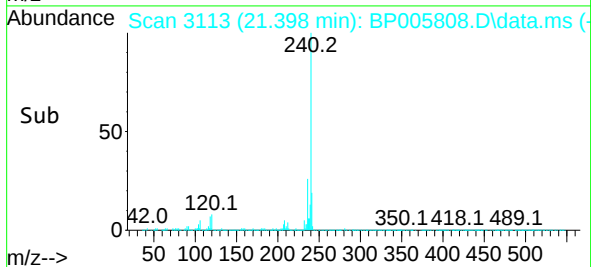
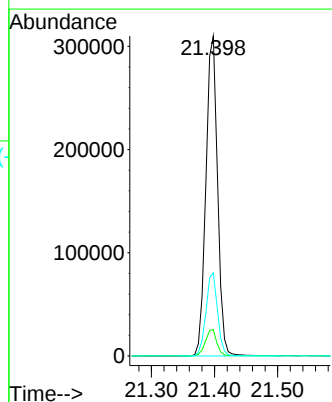
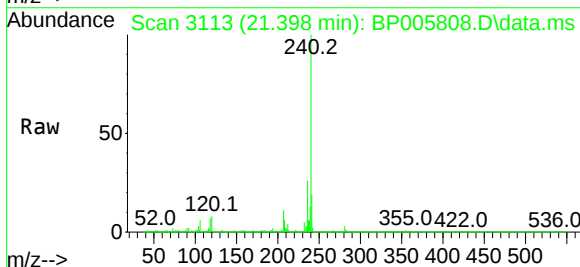
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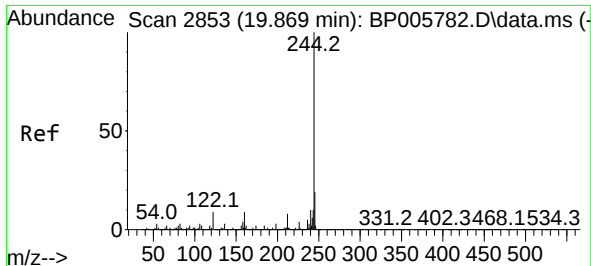
Tgt Ion:188 Resp: 341493
Ion Ratio Lower Upper
188 100
94 6.6 5.6 8.4
80 7.1 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BP005808.D
Acq: 09 Jun 2021 12:08

Tgt Ion:240 Resp: 398653
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 26.0 20.6 31.0

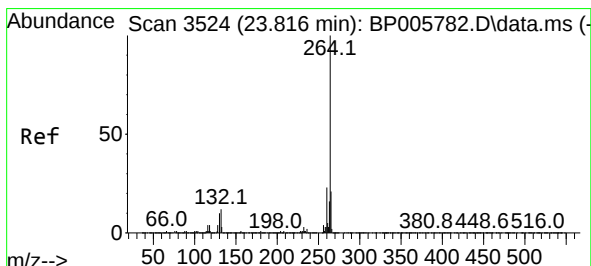
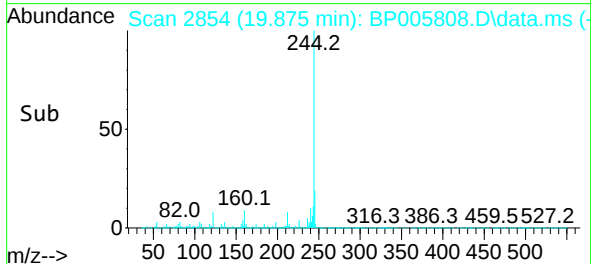
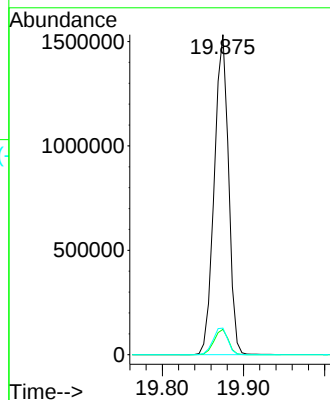
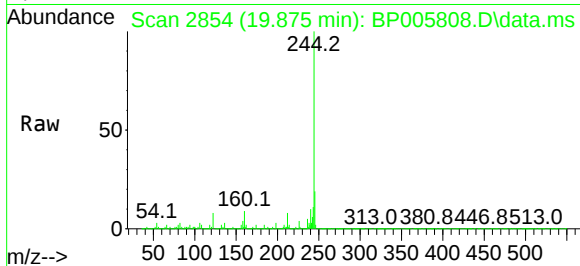




#79
 Terphenyl-d14
 Concen: 87.784 ng
 RT: 19.875 min Scan# 2854
 Delta R.T. 0.006 min
 Lab File: BP005808.D
 Acq: 09 Jun 2021 12:08

Instrument :
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Tgt Ion:244 Resp: 1868912
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 8.3 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 3525
 Delta R.T. 0.006 min
 Lab File: BP005808.D
 Acq: 09 Jun 2021 12:08

Tgt Ion:264 Resp: 476143
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.9 17.6 26.4

