

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
 Data File : BP007190.D
 Acq On : 25 Sep 2021 17:17
 Operator : CG/JU
 Sample : M3927-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 26 02:15:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	226007	20.000	ng	-0.01
21) Naphthalene-d8	10.681	136	934187	20.000	ng	#-0.01
39) Acenaphthene-d10	14.510	164	609281	20.000	ng	-0.02
64) Phenanthrene-d10	17.263	188	1269940	20.000	ng	-0.01
76) Chrysene-d12	21.345	240	1245577	20.000	ng	#-0.01
86) Perylene-d12	23.751	264	1334994	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1249979	92.581	ng	0.00
7) Phenol-d6	7.052	99	1604356	86.942	ng	-0.01
23) Nitrobenzene-d5	9.040	82	928035	57.853	ng	-0.02
42) 2,4,6-Tribromophenol	16.004	330	798031	101.029	ng	-0.01
45) 2-Fluorobiphenyl	13.140	172	2519460	59.241	ng	-0.01
79) Terphenyl-d14	19.816	244	3942679	60.656	ng	-0.02

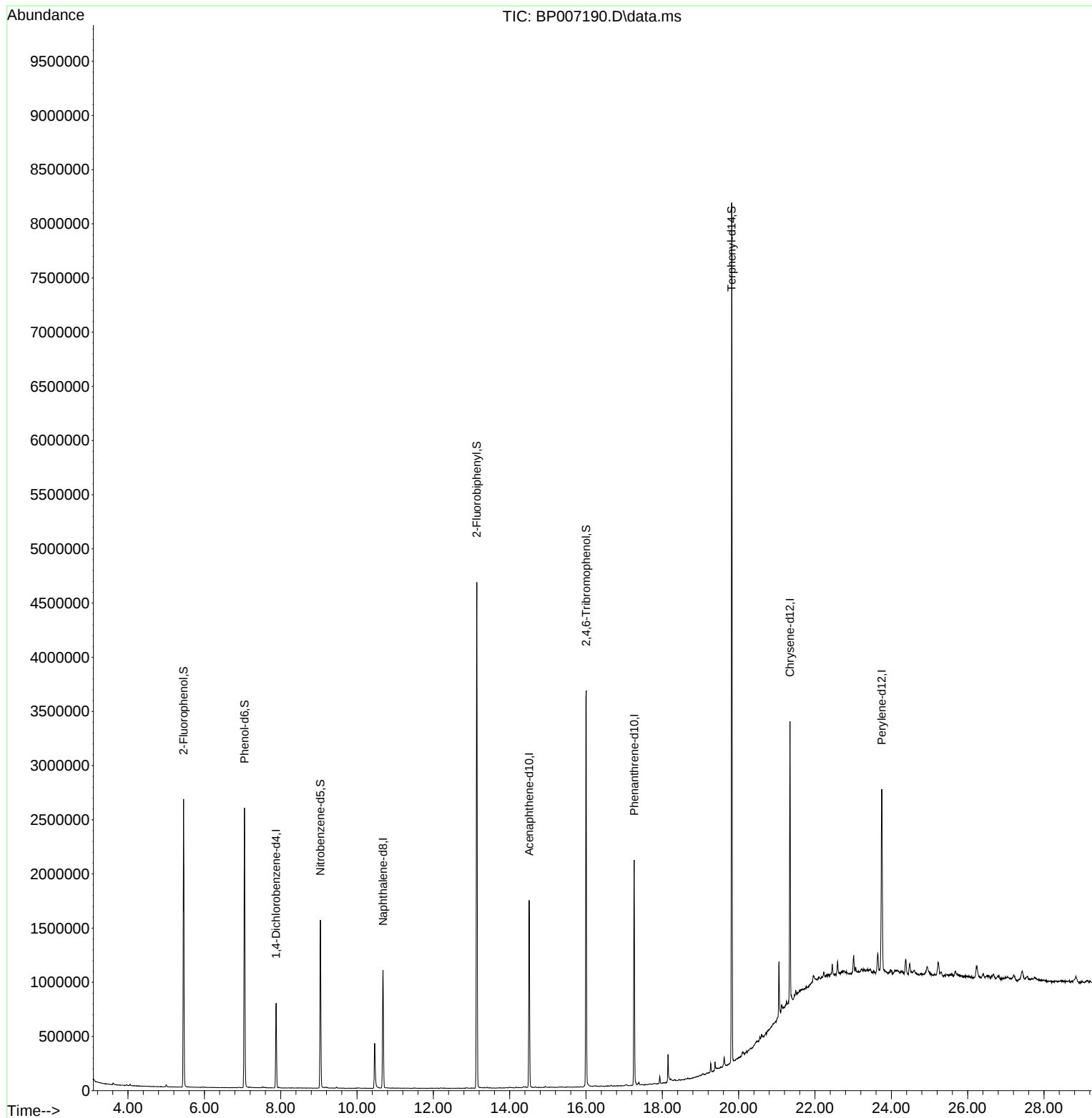
Target Compounds	Qvalue

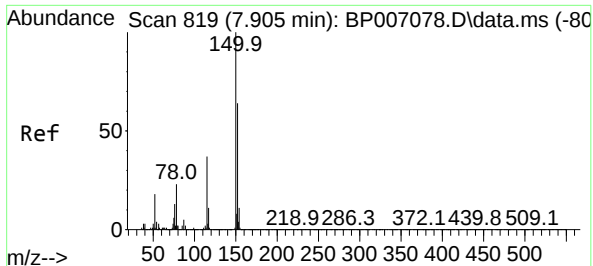
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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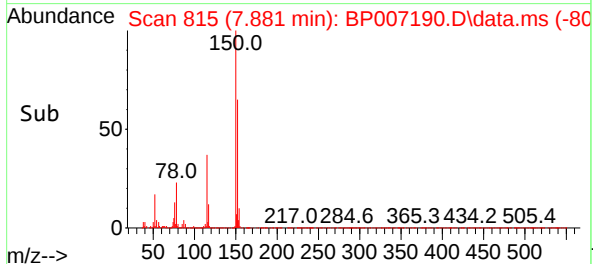
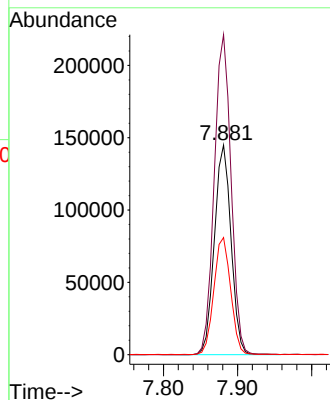
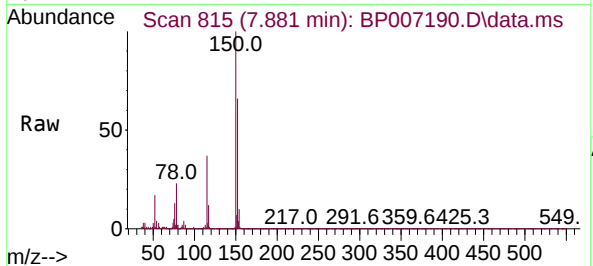




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP007190.D
Acq: 25 Sep 2021 17:17

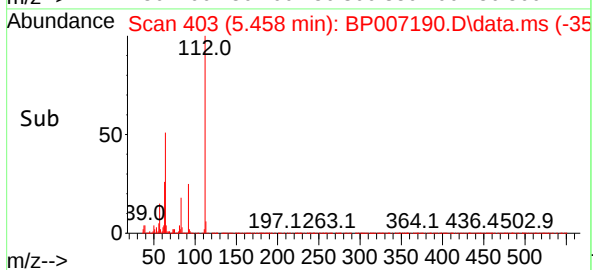
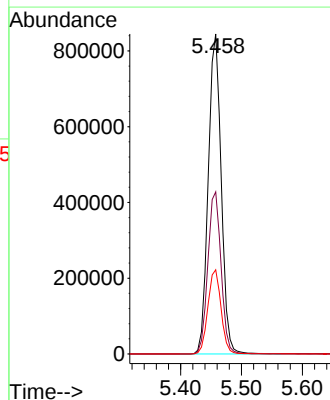
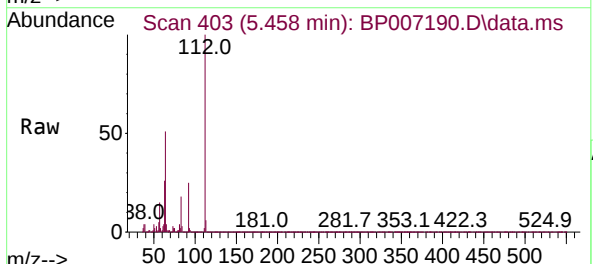
Instrument :
BNA_P
ClientSampled :

Tgt Ion:152 Resp: 226007
Ion Ratio Lower Upper
152 100
150 152.6 125.6 188.4
115 55.9 48.5 72.7



#5
2-Fluorophenol
Concen: 92.581 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007190.D
Acq: 25 Sep 2021 17:17

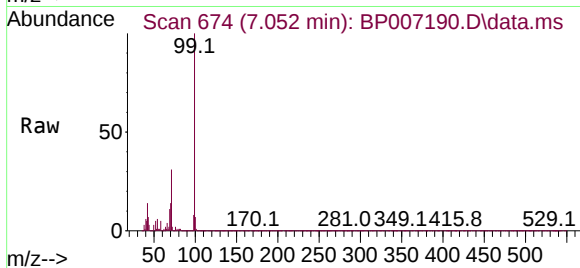
Tgt Ion:112 Resp: 1249979
Ion Ratio Lower Upper
112 100
64 50.6 41.4 62.2
63 26.3 23.8 35.8



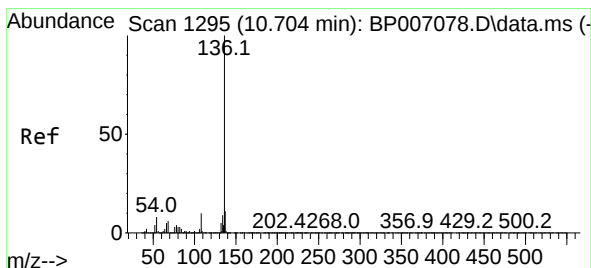
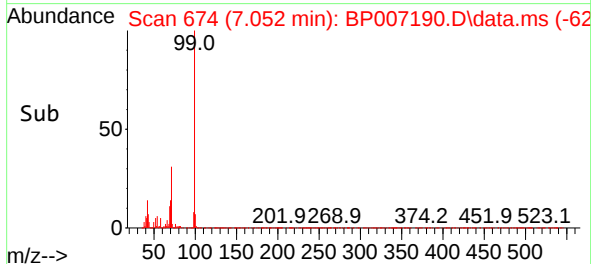
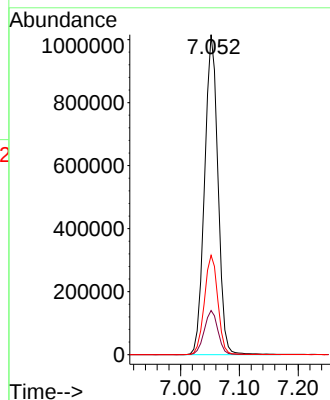


#7
Phenol-d6
Concen: 86.942 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP007190.D
Acq: 25 Sep 2021 17:17

Instrument :
BNA_P
ClientSampled :

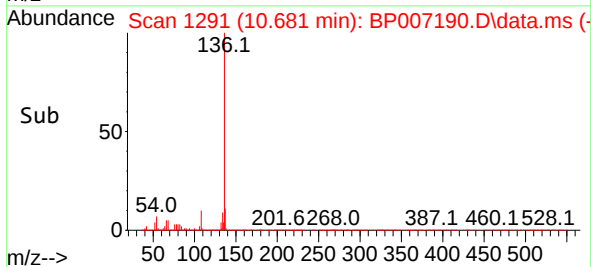
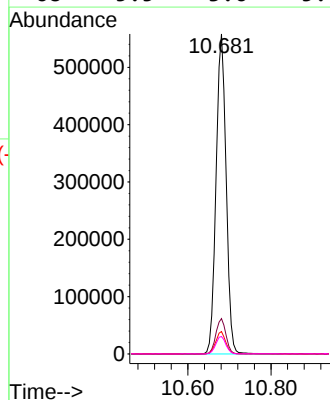
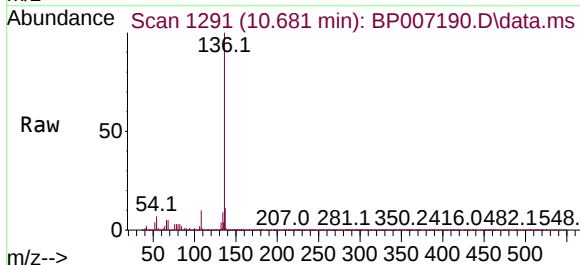


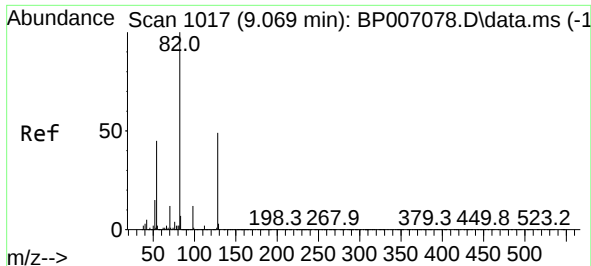
Tgt Ion: 99 Resp: 1604356
Ion Ratio Lower Upper
99 100
42 13.8 13.4 20.0
71 31.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP007190.D
Acq: 25 Sep 2021 17:17

Tgt Ion: 136 Resp: 934187
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.0 4.6 6.8#
68 5.5 3.6 5.4#

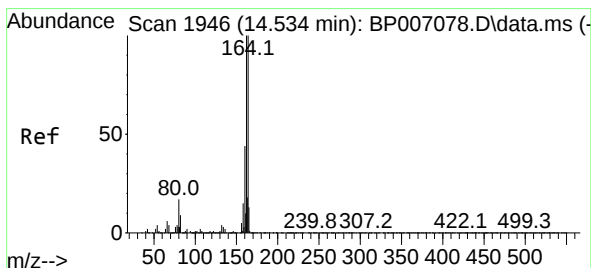
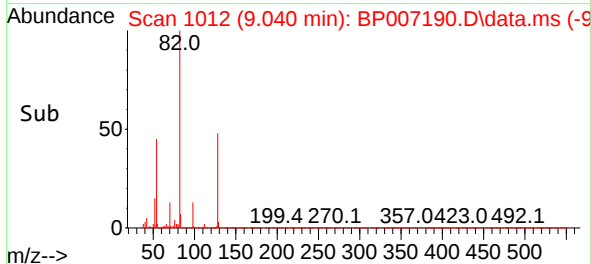
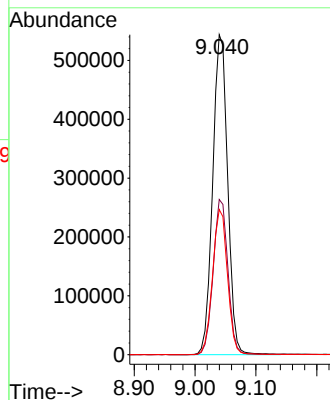
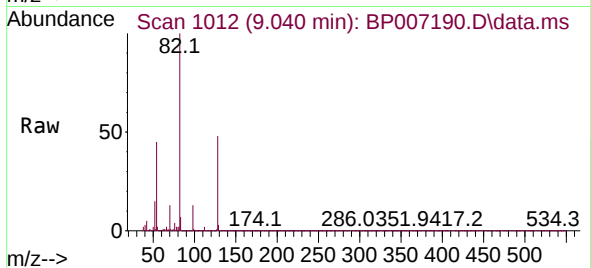




#23
Nitrobenzene-d5
Concen: 57.853 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.018 min
Lab File: BP007190.D
Acq: 25 Sep 2021 17:17

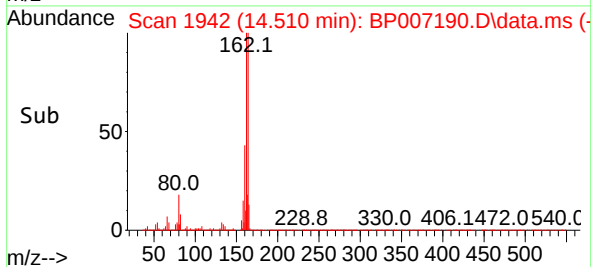
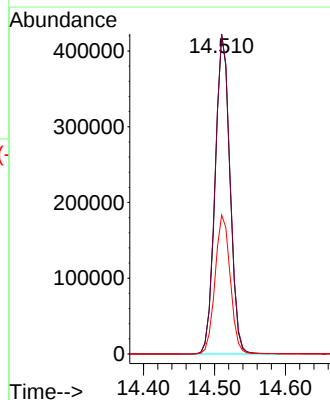
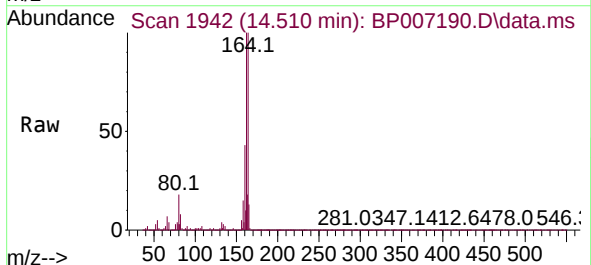
Instrument :
BNA_P
ClientSampled :

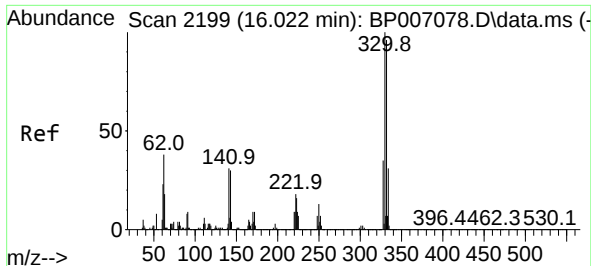
Tgt Ion: 82 Resp: 928035
Ion Ratio Lower Upper
82 100
128 48.5 35.7 53.5
54 45.4 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP007190.D
Acq: 25 Sep 2021 17:17

Tgt Ion: 164 Resp: 609281
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 43.5 34.5 51.7

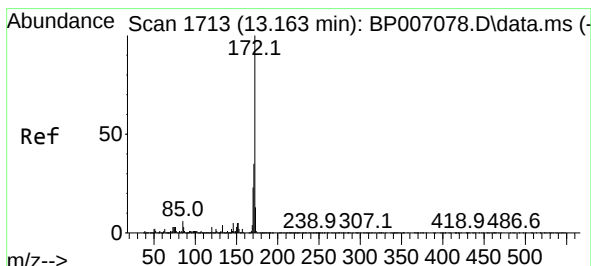
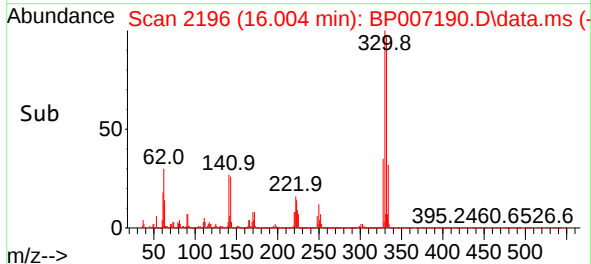
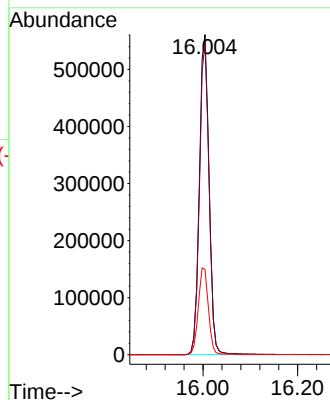
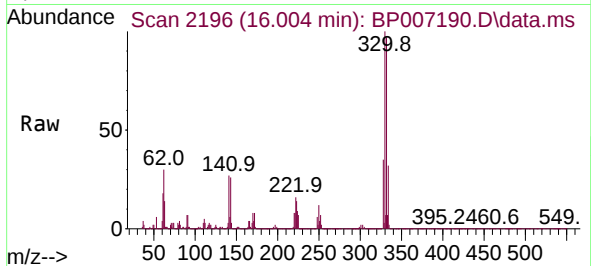




#42
2,4,6-Tribromophenol
Concen: 101.029 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP007190.D
Acq: 25 Sep 2021 17:17

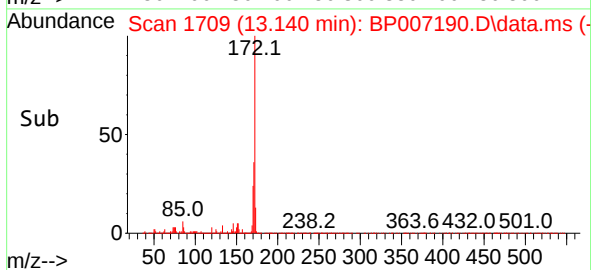
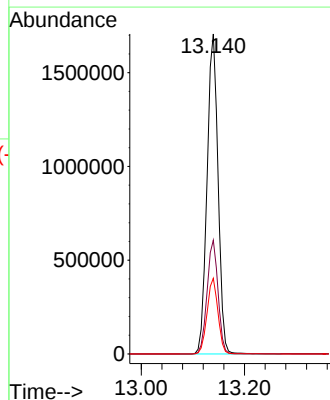
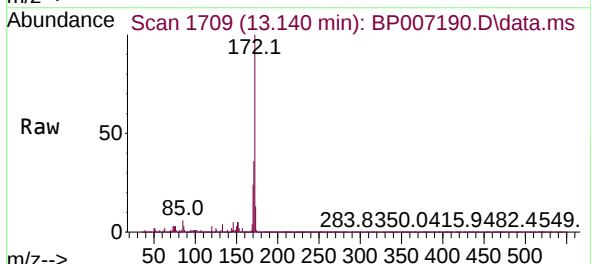
Instrument :
BNA_P
ClientSampleId :

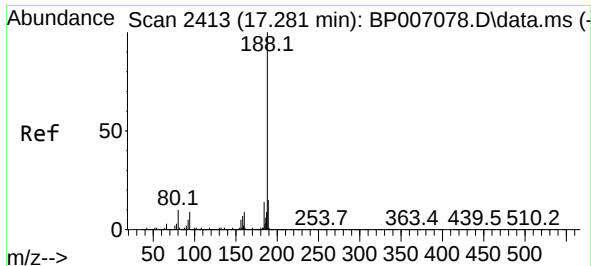
Tgt Ion:330 Resp: 798031
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 28.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 59.241 ng
RT: 13.140 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP007190.D
Acq: 25 Sep 2021 17:17

Tgt Ion:172 Resp: 2519460
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.6 18.6 27.8

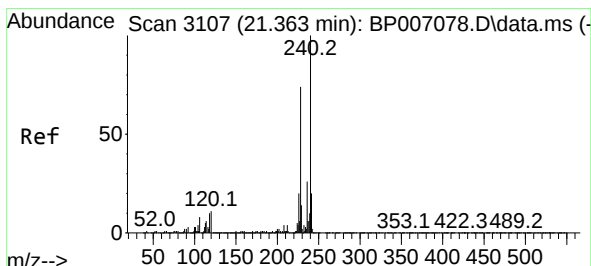
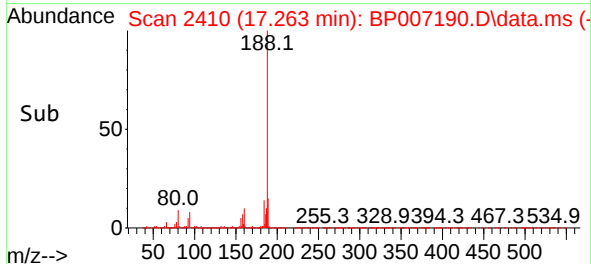
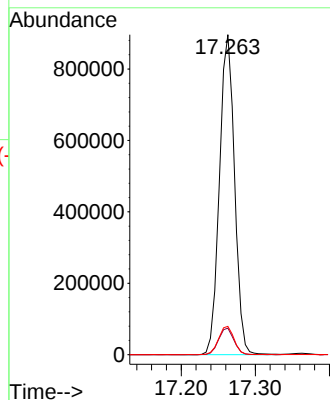
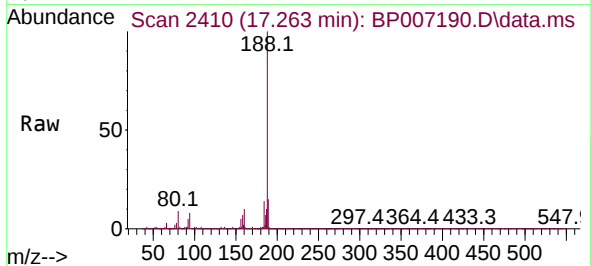




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP007190.D
Acq: 25 Sep 2021 17:17

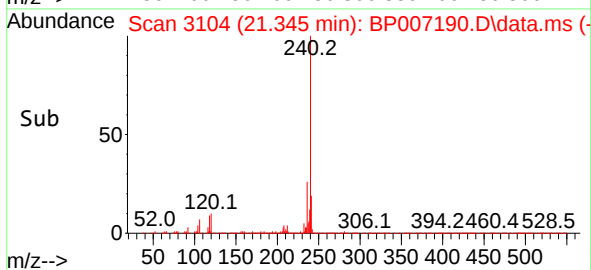
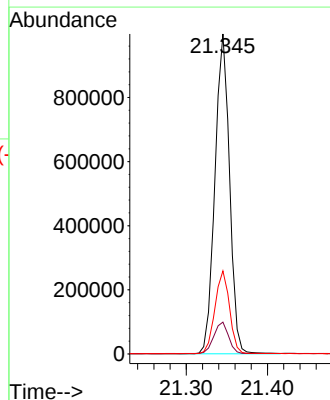
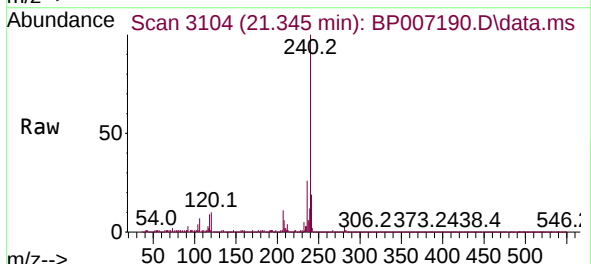
Instrument :
BNA_P
ClientSampled :

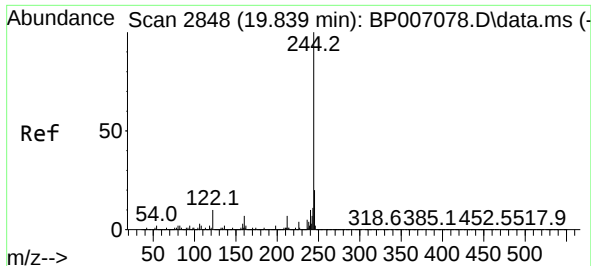
Tgt Ion:188 Resp: 1269940
Ion Ratio Lower Upper
188 100
94 8.3 5.6 8.4
80 8.9 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BP007190.D
Acq: 25 Sep 2021 17:17

Tgt Ion:240 Resp: 1245577
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 25.9 20.6 31.0

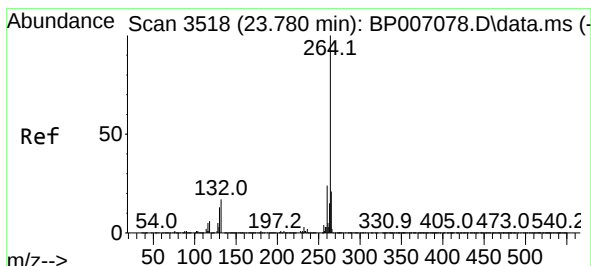
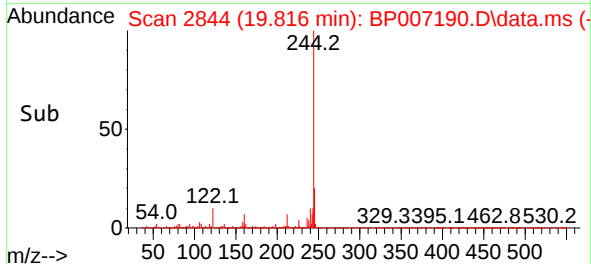
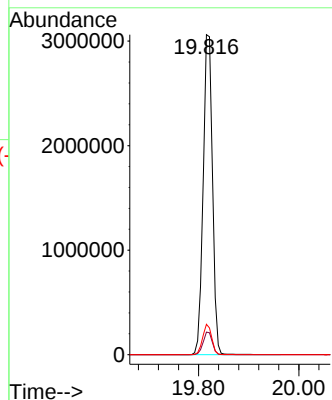
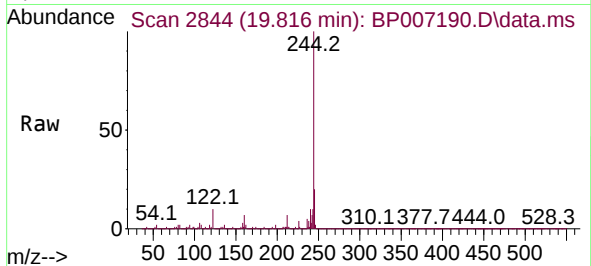




#79
 Terphenyl-d14
 Concen: 60.656 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. -0.018 min
 Lab File: BP007190.D
 Acq: 25 Sep 2021 17:17

Instrument :
 BNA_P
 ClientSampled :

Tgt Ion:244 Resp: 3942679
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.751 min Scan# 3513
 Delta R.T. -0.018 min
 Lab File: BP007190.D
 Acq: 25 Sep 2021 17:17

Tgt Ion:264 Resp: 1334994
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 22.5 17.6 26.4

