

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006166.D
 Acq On : 09 Jul 2021 18:06
 Operator : CG/JU
 Sample : M2969-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB01

Quant Time: Jul 10 01:12:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

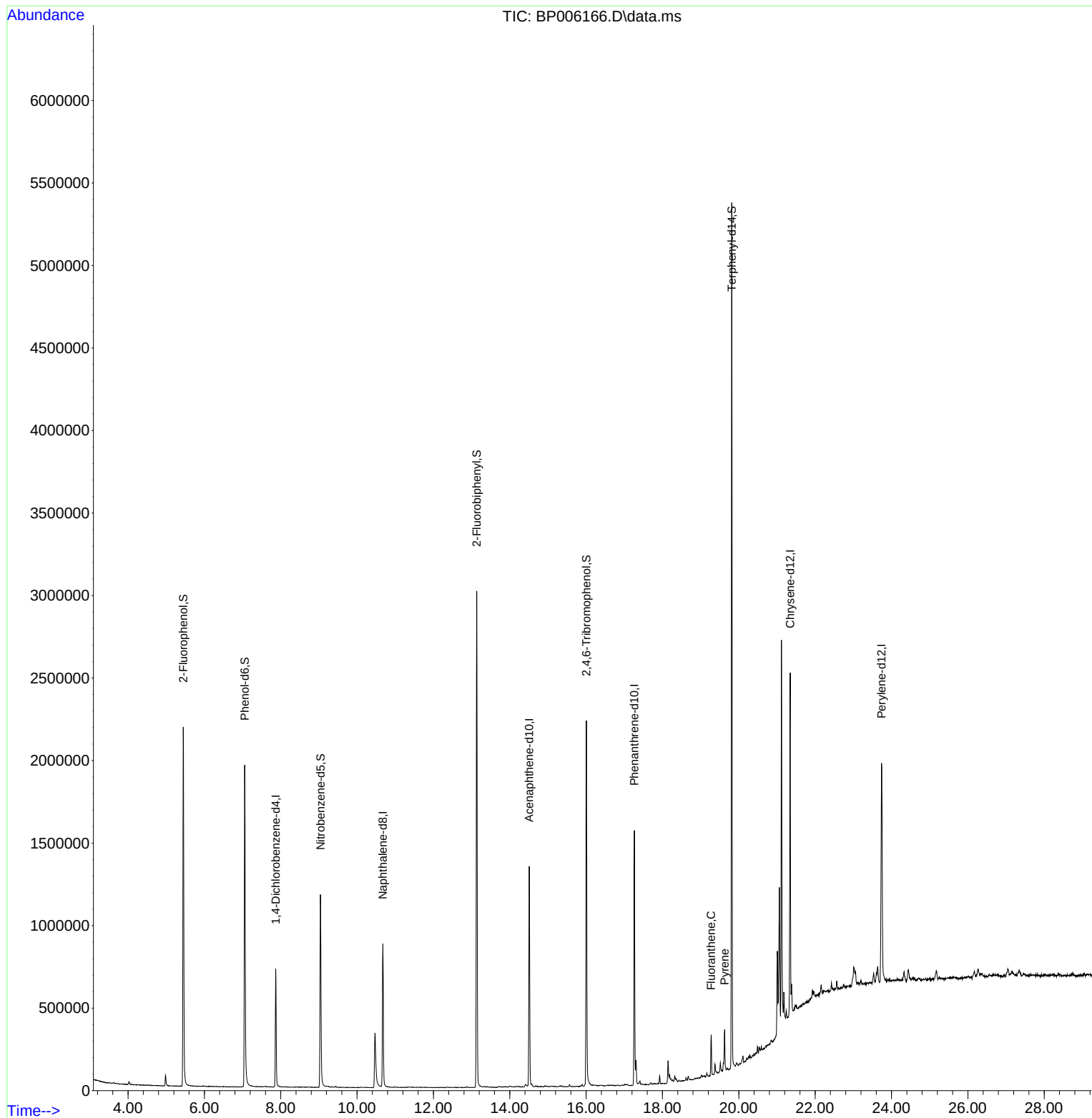
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	211107	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	794594	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	467681	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	908203	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	867761	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	978242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1112455	90.671	ng	-0.01
7) Phenol-d6	7.058	99	1311704	80.826	ng	0.00
23) Nitrobenzene-d5	9.040	82	742604	59.032	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	448909	80.622	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1575987	49.817	ng	0.00
79) Terphenyl-d14	19.816	244	2229822	50.663	ng	0.00
Target Compounds						
75) Fluoranthene	19.275	202	144519	2.571	ng	Qvalue 96
78) Pyrene	19.628	202	143441	2.446	ng	98

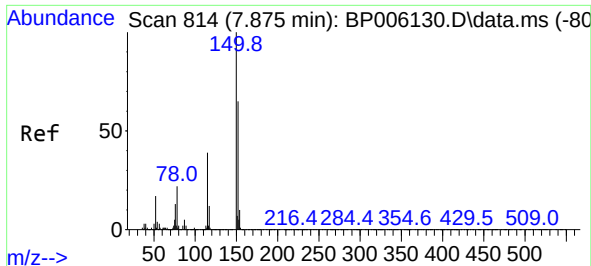
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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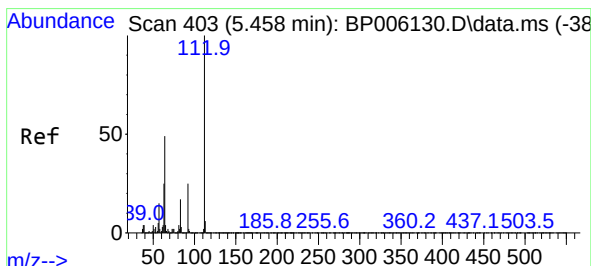
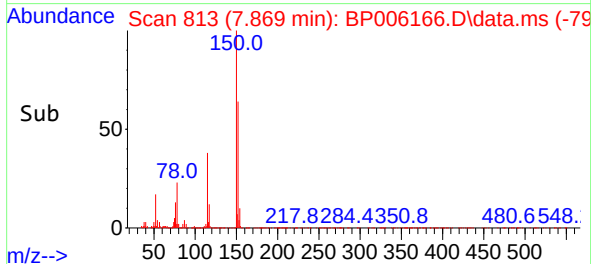
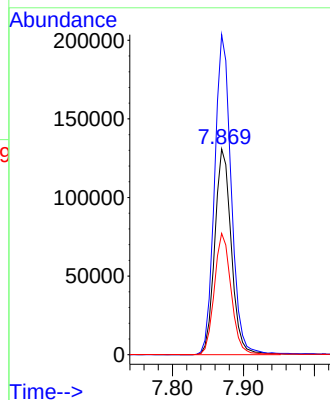
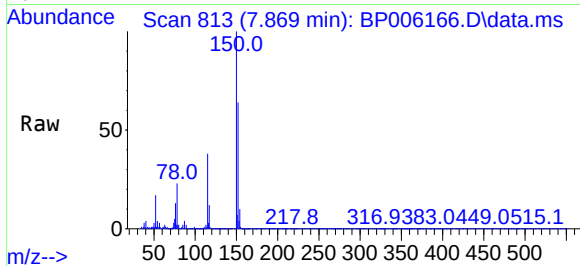




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

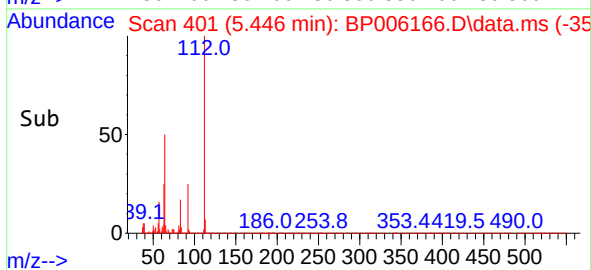
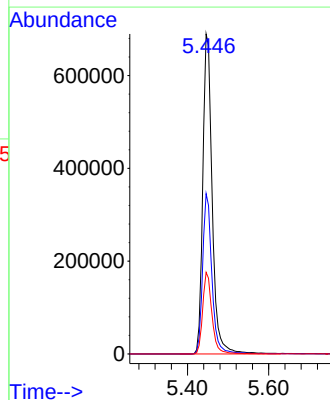
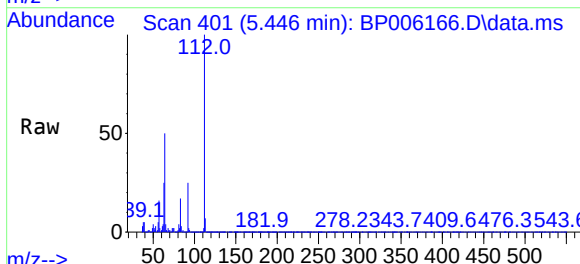
Instrument :
BNA_P
ClientSampleId :
SB01

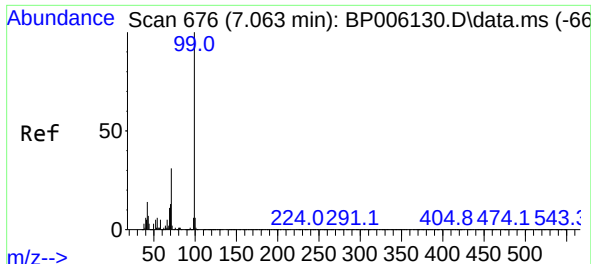
Tgt Ion:152 Resp: 211107
Ion Ratio Lower Upper
152 100
150 155.5 125.6 188.4
115 59.0 48.5 72.7



#5
2-Fluorophenol
Concen: 90.671 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

Tgt Ion:112 Resp: 1112455
Ion Ratio Lower Upper
112 100
64 50.1 41.4 62.2
63 25.5 23.8 35.8

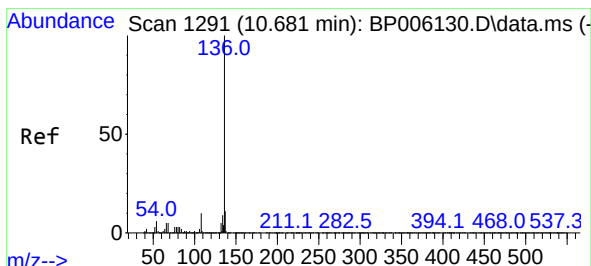
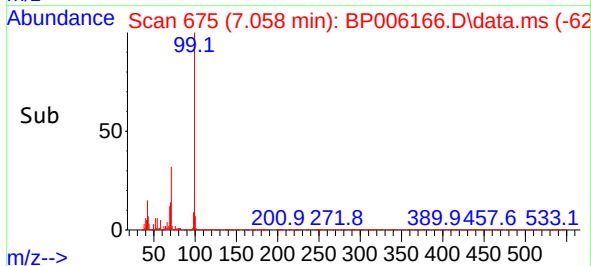
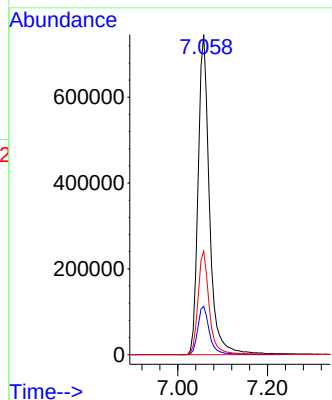
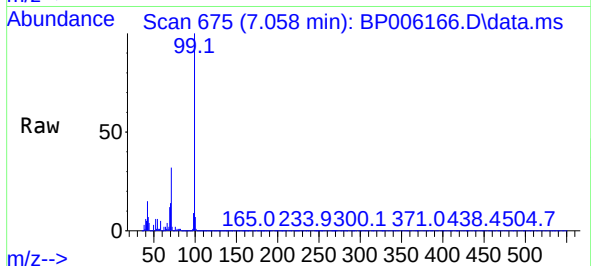




#7
Phenol-d6
Concen: 80.826 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

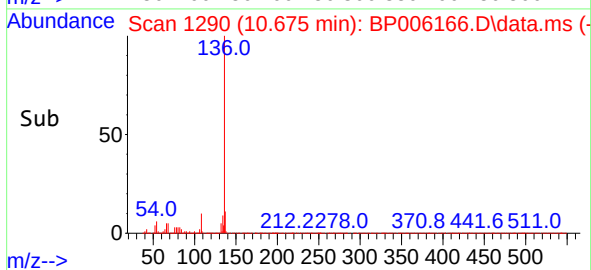
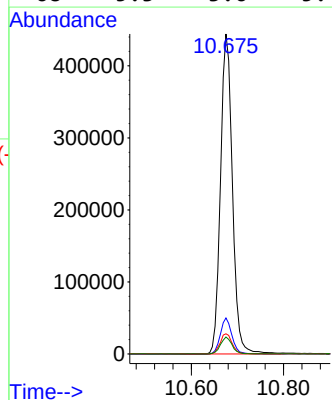
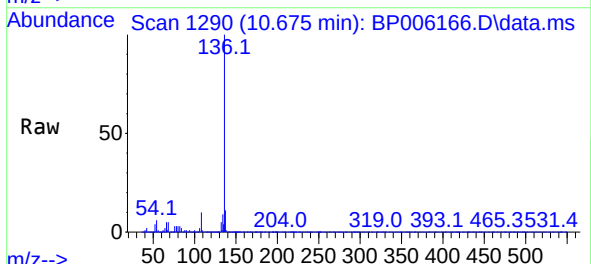
Instrument :
BNA_P
ClientSampleId :
SB01

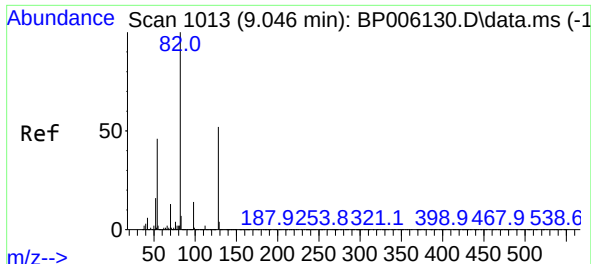
Tgt Ion: 99 Resp: 1311704
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 32.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

Tgt Ion: 136 Resp: 794594
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 6.3 4.6 6.8
68 5.3 3.6 5.4

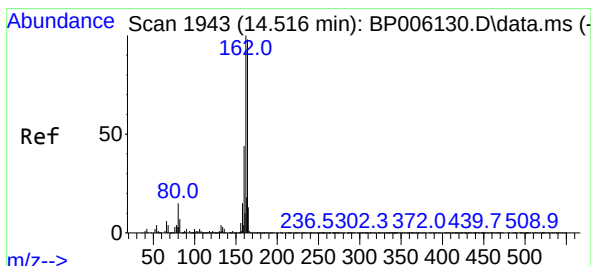
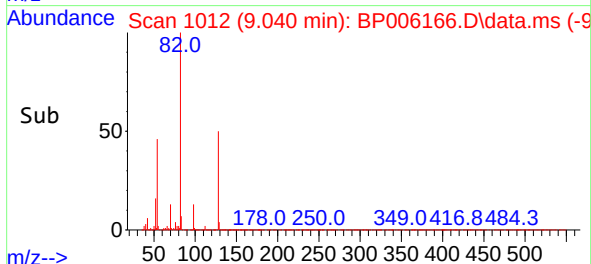
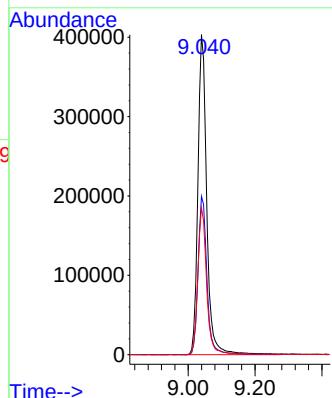
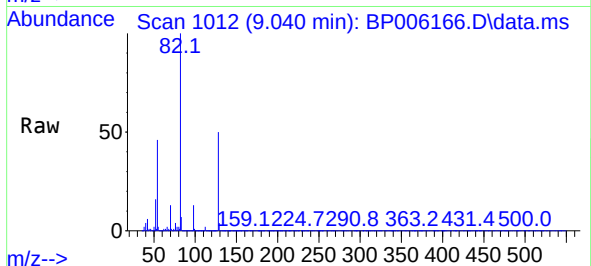




#23
Nitrobenzene-d5
Concen: 59.032 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

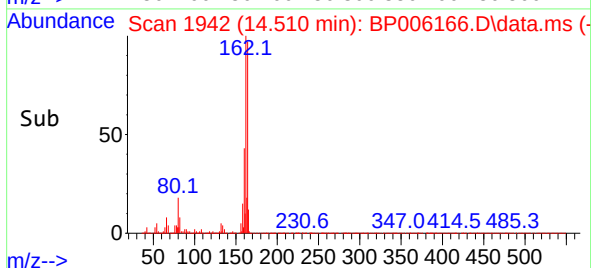
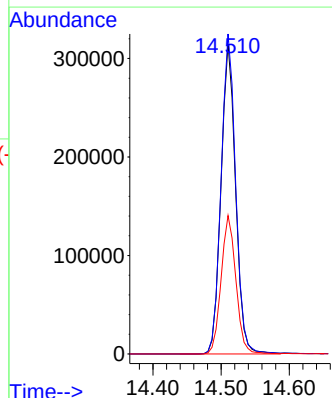
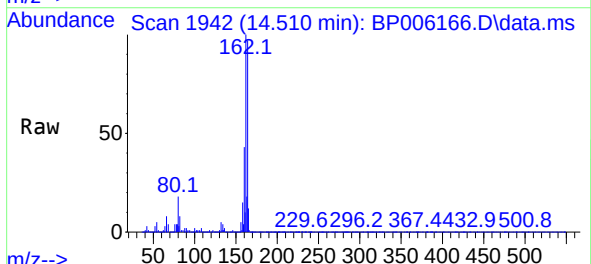
Instrument :
BNA_P
ClientSampleId :
SB01

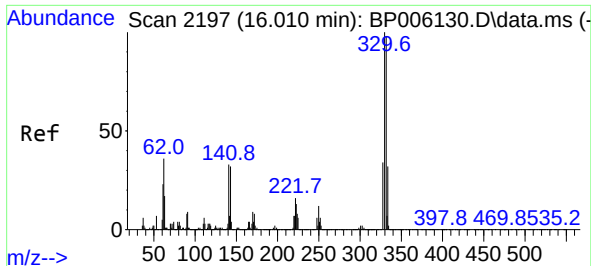
Tgt Ion: 82 Resp: 742604
Ion Ratio Lower Upper
82 100
128 49.5 35.7 53.5
54 45.9 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

Tgt Ion: 164 Resp: 467681
Ion Ratio Lower Upper
164 100
162 103.2 80.2 120.2
160 44.7 34.5 51.7

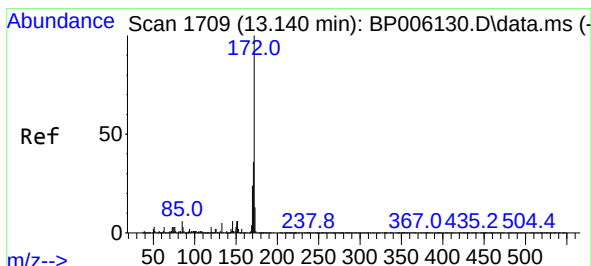
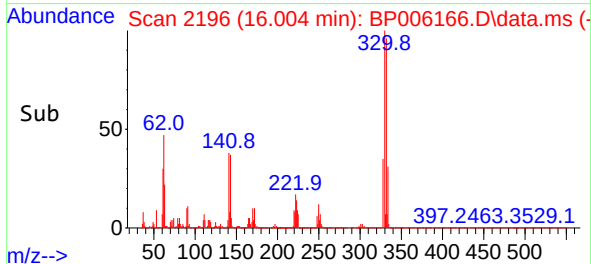
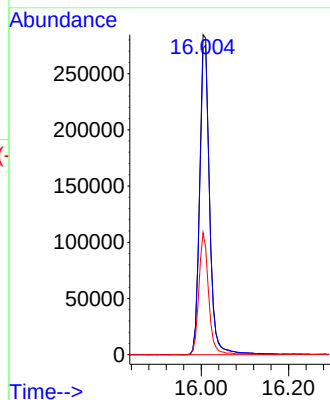
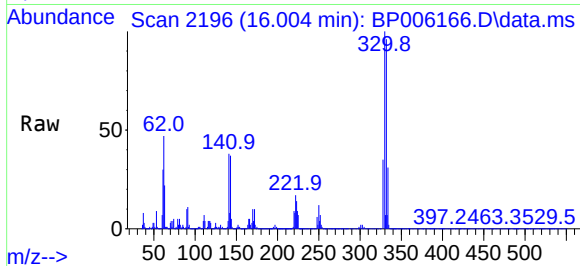




#42
2,4,6-Tribromophenol
Concen: 80.622 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

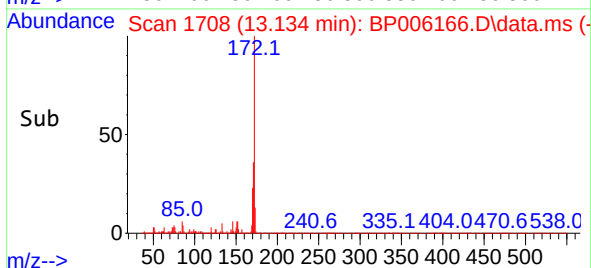
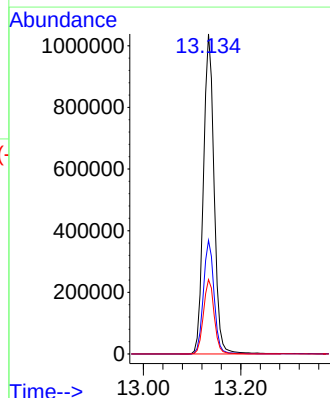
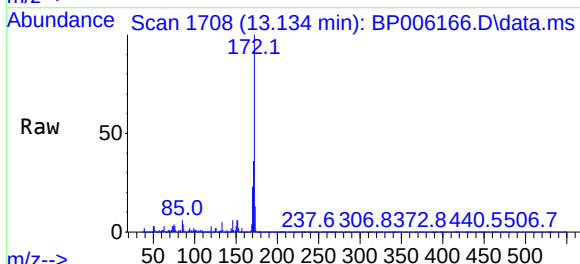
Instrument :
BNA_P
ClientSampled :
SB01

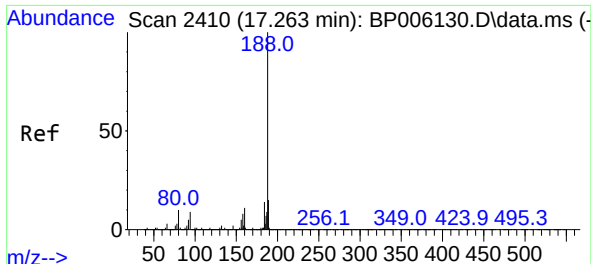
Tgt Ion:330 Resp: 448909
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 37.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 49.817 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

Tgt Ion:172 Resp: 1575987
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.3 18.6 27.8

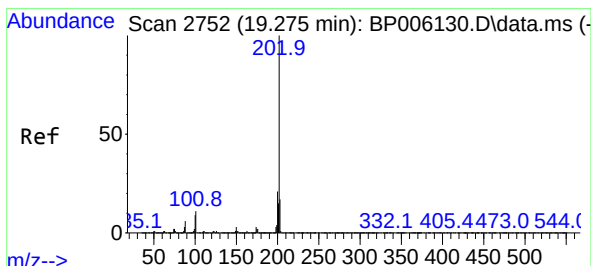
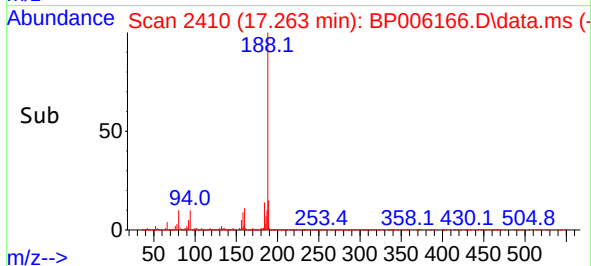
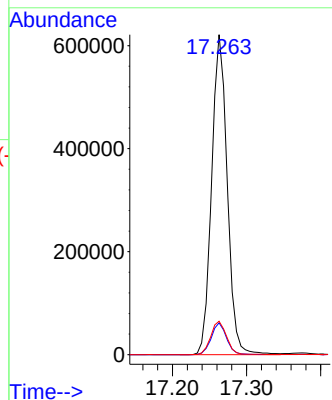
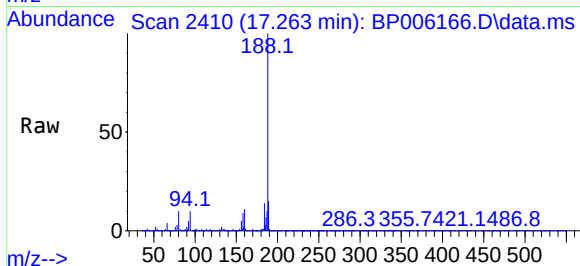




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

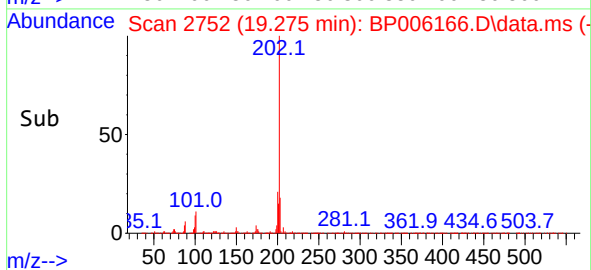
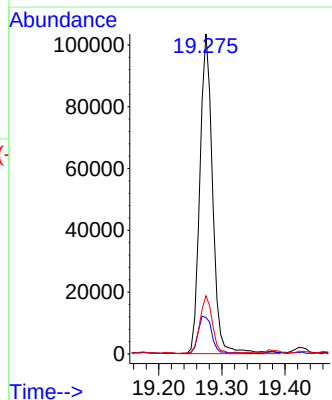
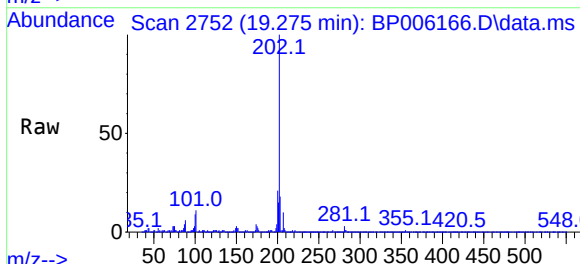
Instrument :
BNA_P
ClientSampled :
SB01

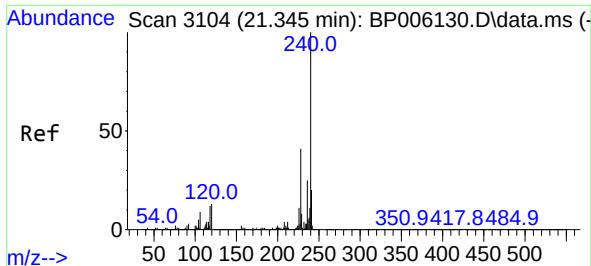
Tgt Ion:188 Resp: 908203
Ion Ratio Lower Upper
188 100
94 10.0 5.6 8.4#
80 10.5 6.3 9.5#



#75
Fluoranthene
Concen: 2.571 ng
RT: 19.275 min Scan# 2752
Delta R.T. 0.000 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

Tgt Ion:202 Resp: 144519
Ion Ratio Lower Upper
202 100
101 11.4 0.0 27.6
203 18.2 0.0 37.8

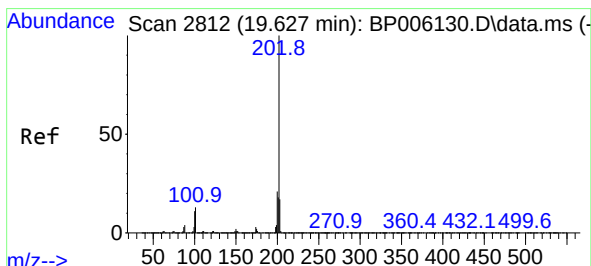
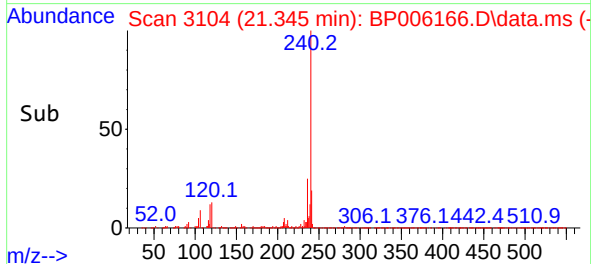
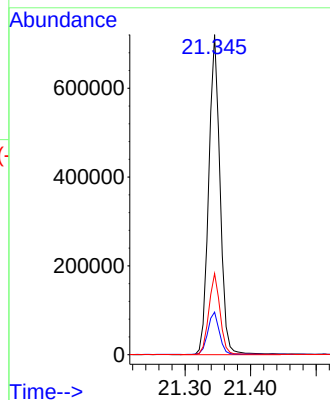
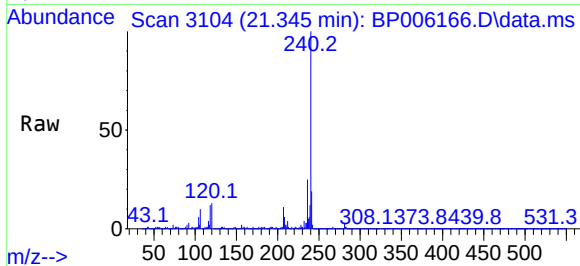




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

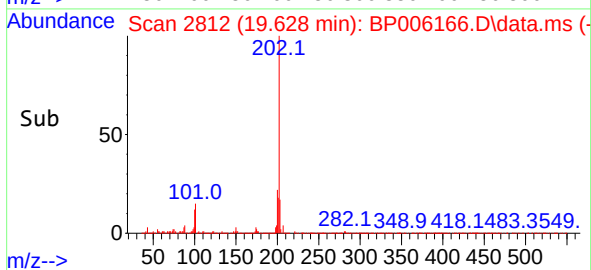
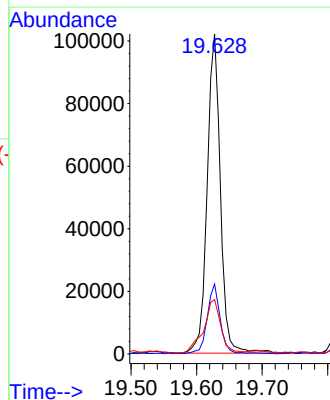
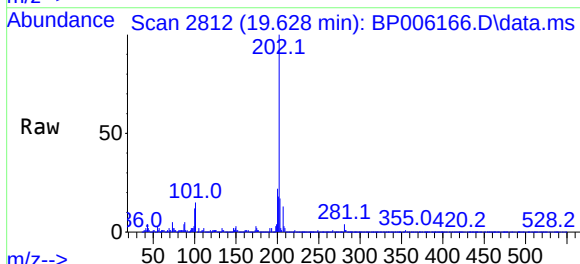
Instrument :
BNA_P
ClientSampled :
SB01

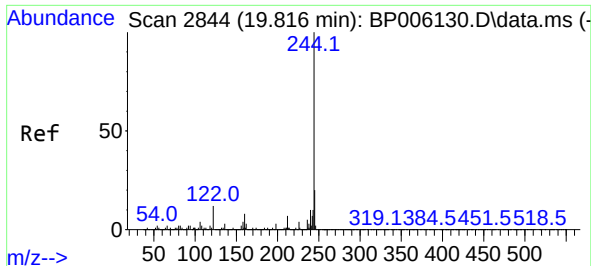
Tgt Ion:240 Resp: 867761
Ion Ratio Lower Upper
240 100
120 13.3 6.5 9.7#
236 25.4 20.6 31.0



#78
Pyrene
Concen: 2.446 ng
RT: 19.628 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

Tgt Ion:202 Resp: 143441
Ion Ratio Lower Upper
202 100
200 21.8 16.3 24.5
203 17.0 14.2 21.2

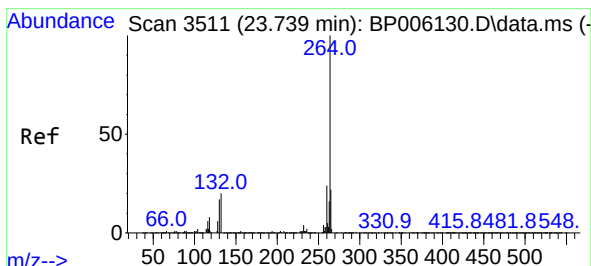
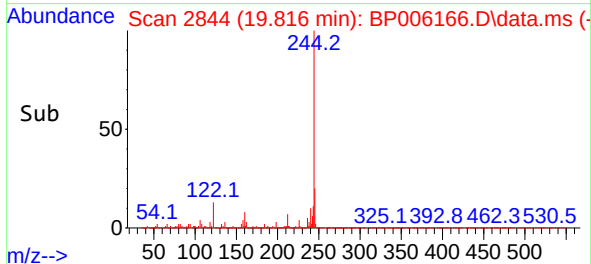
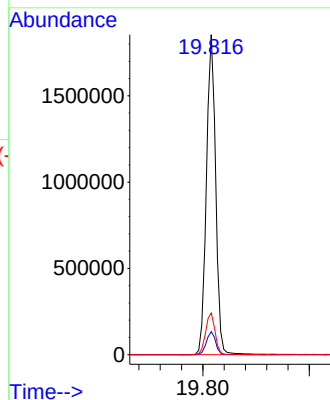
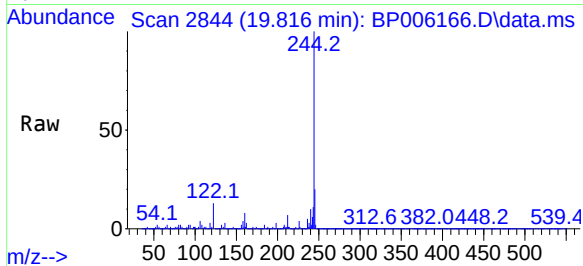




#79
Terphenyl-d14
Concen: 50.663 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

Instrument :
BNA_P
ClientSampled :
SB01

Tgt Ion:244 Resp: 2229822
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.1 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP006166.D
Acq: 09 Jul 2021 18:06

Tgt Ion:264 Resp: 978242
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.6 17.6 26.4

