

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071521\
 Data File : BP006247.D
 Acq On : 15 Jul 2021 20:04
 Operator : CG/JU
 Sample : M3039-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-12-COMP

Quant Time: Jul 16 03:21:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 15 13:37:02 2021
 Response via : Initial Calibration

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

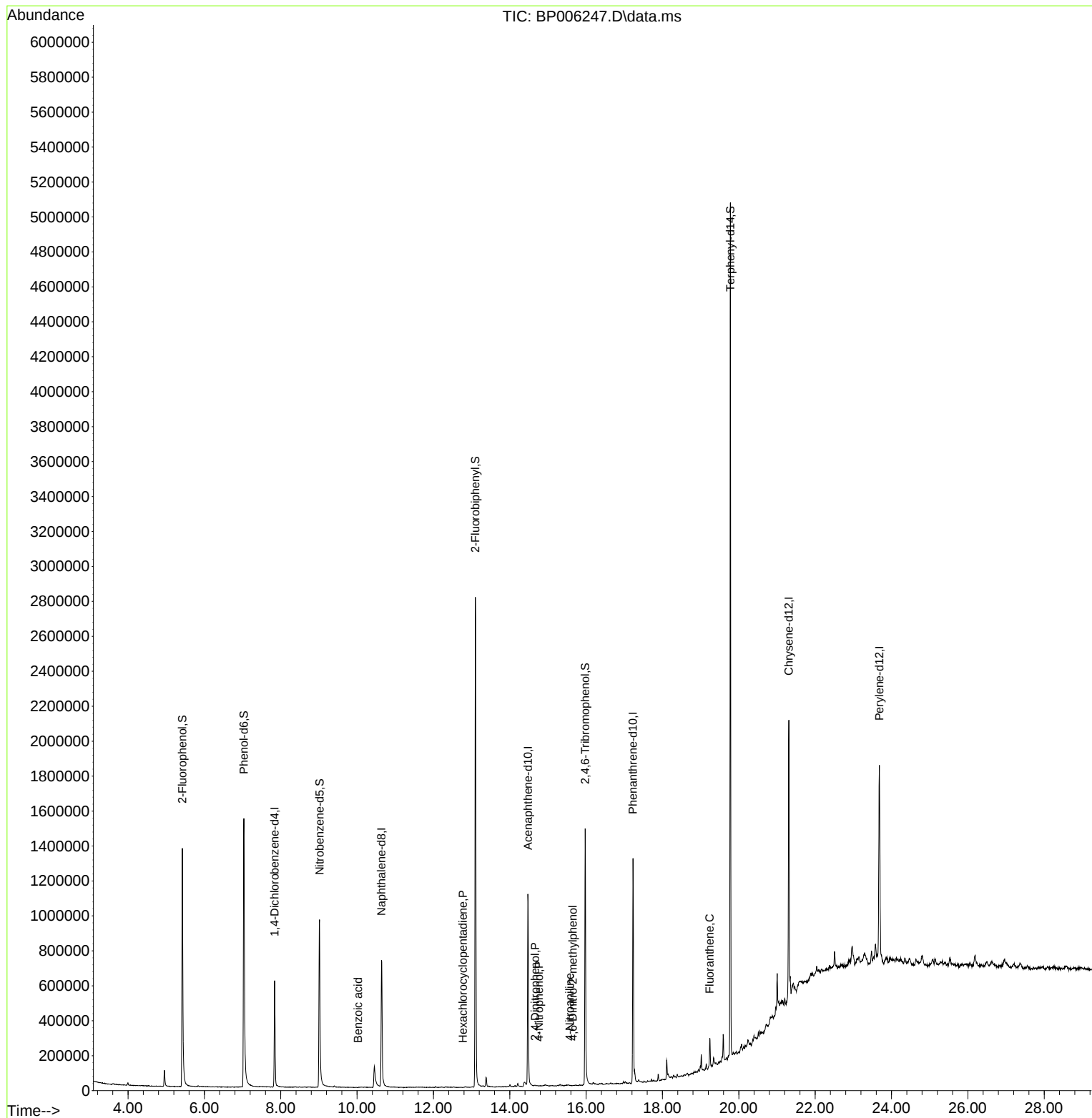
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	181399	20.00	ng	0.00
21) Naphthalene-d8	10.640	136	738493	20.00	ng	0.00
39) Acenaphthene-d10	14.475	164	413400	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	783775	20.00	ng	# 0.00
76) Chrysene-d12	21.310	240	729134	20.00	ng	# 0.00
86) Perylene-d12	23.680	264	806079	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.423	112	759842	72.07	ng	0.00
7) Phenol-d6	7.034	99	1173636	84.16	ng	0.00
23) Nitrobenzene-d5	9.016	82	678453	58.03	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	300358	61.03	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	1544998	55.25	ng	0.00
79) Terphenyl-d14	19.781	244	2037023	55.08	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.028	122	46	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.775	237	12	8.71	ng	82
54) 2,4-Dinitrophenol	14.663	184	11	8.88	ng	# 1
56) 4-Nitrophenol	14.763	139	60	7.14	ng	# 84
62) 4-Nitroaniline	15.569	138	100	2.97	ng	# 67
65) 4,6-Dinitro-2-methylph...	15.651	198	9	4.42	ng	# 1
75) Fluoranthene	19.239	202	99701	2.06	ng	95

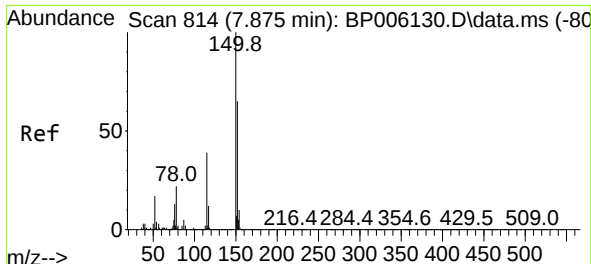
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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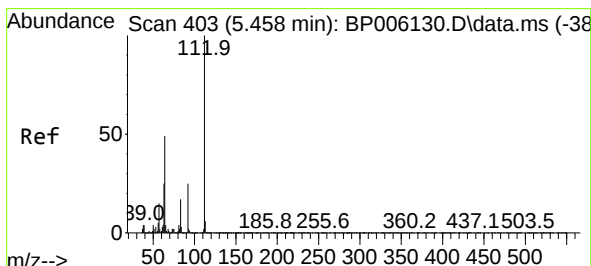
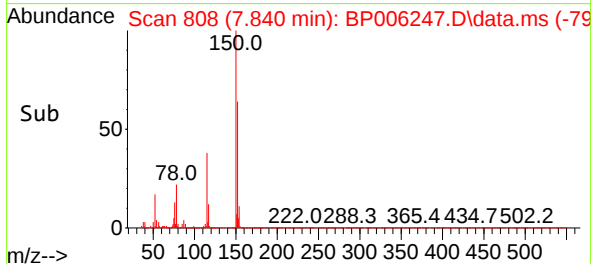
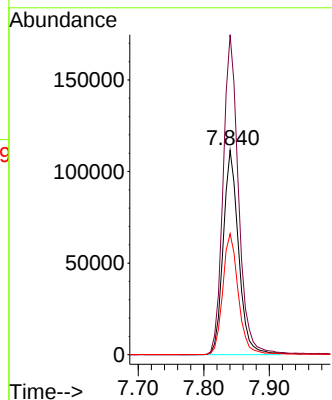
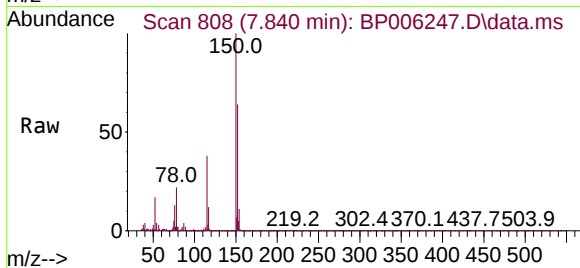




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.840 min Scan# 808
Delta R.T. 0.000 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

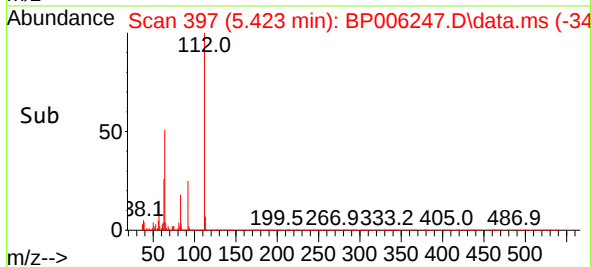
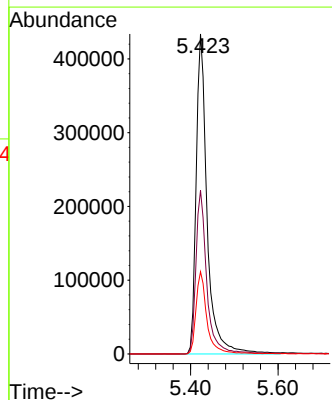
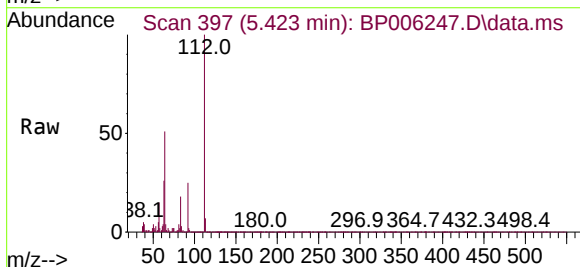
Instrument :
BNA_P
ClientSampleId :
SB-12-COMP

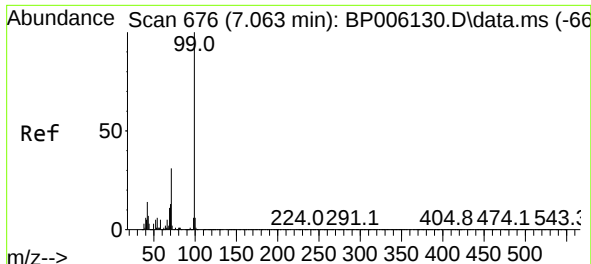
Tgt Ion:152 Resp: 181399
Ion Ratio Lower Upper
152 100
150 156.6 125.6 188.4
115 59.2 48.5 72.7



#5
2-Fluorophenol
Concen: 72.07 ng
RT: 5.423 min Scan# 397
Delta R.T. 0.000 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

Tgt Ion:112 Resp: 759842
Ion Ratio Lower Upper
112 100
64 51.1 41.4 62.2
63 25.7 23.8 35.8

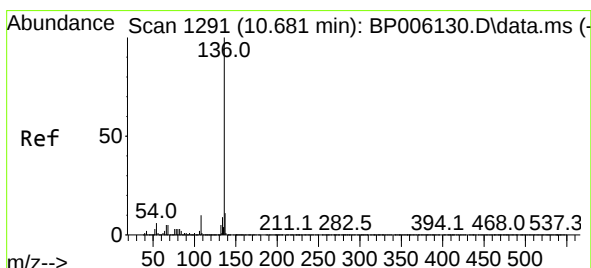
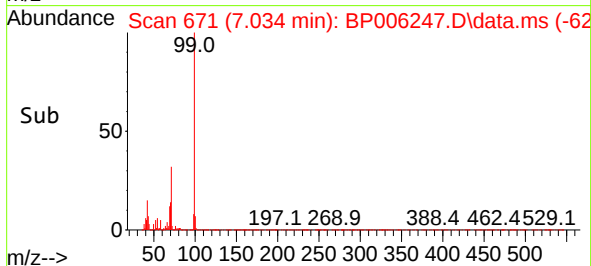
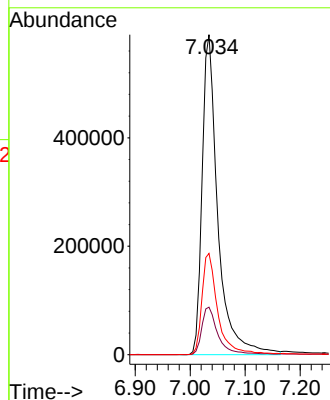
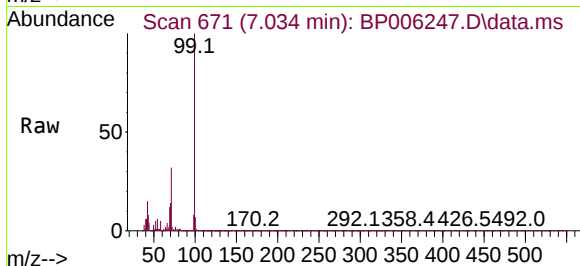




#7
Phenol-d6
Concen: 84.16 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

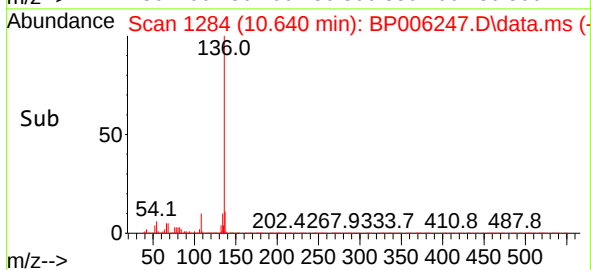
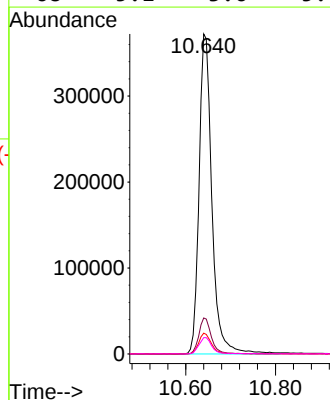
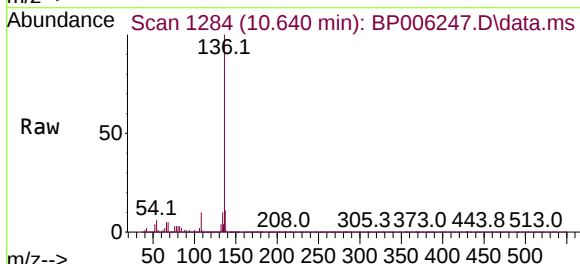
Instrument :
BNA_P
ClientSampleId :
SB-12-COMP

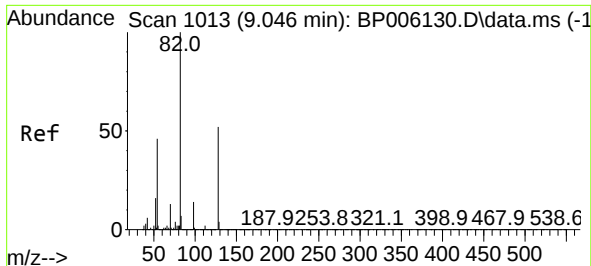
Tgt Ion: 99 Resp: 1173636
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 31.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.640 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

Tgt Ion: 136 Resp: 738493
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 6.5 4.6 6.8
68 5.1 3.6 5.4

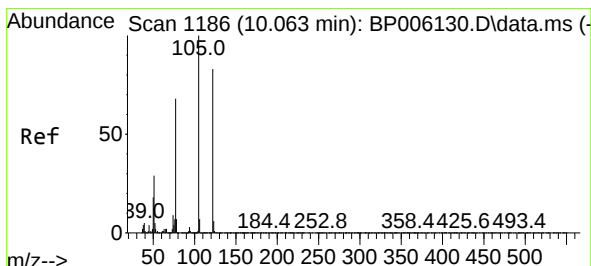
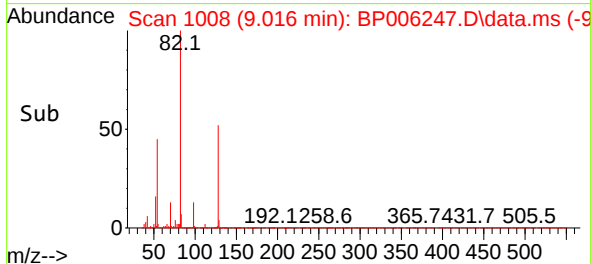
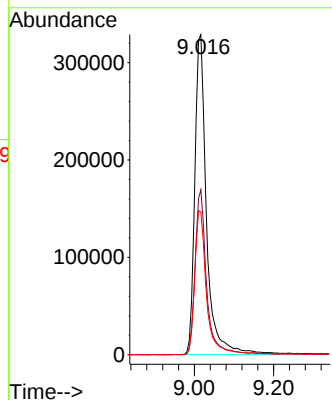
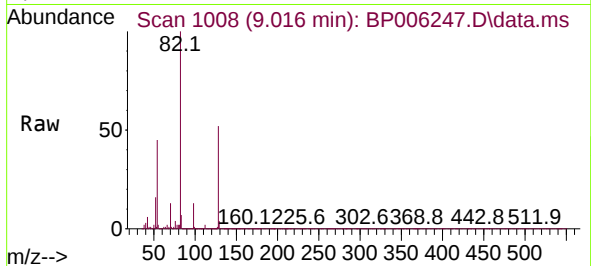




#23
Nitrobenzene-d5
Concen: 58.03 ng
RT: 9.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

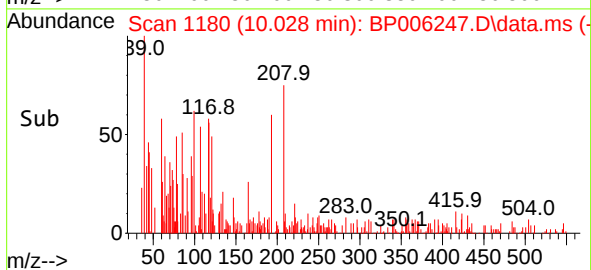
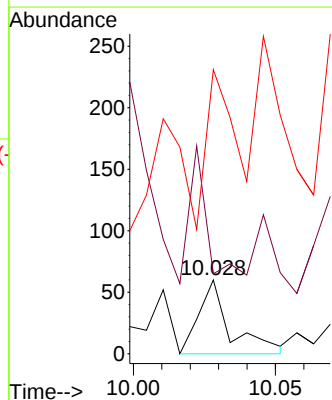
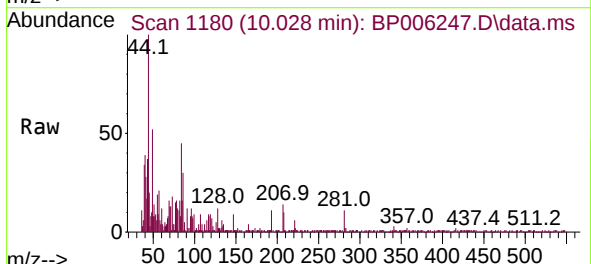
Instrument :
BNA_P
ClientSampleId :
SB-12-COMP

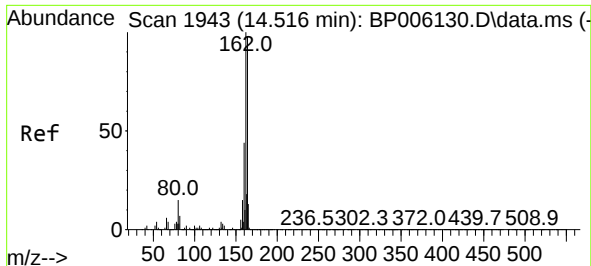
Tgt Ion: 82 Resp: 678453
Ion Ratio Lower Upper
82 100
128 51.5 35.7 53.5
54 44.5 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.028 min Scan# 1180
Delta R.T. -0.017 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

Tgt Ion: 122 Resp: 46
Ion Ratio Lower Upper
122 100
105 135.0 103.2 143.2
77 385.0 76.2 116.2#

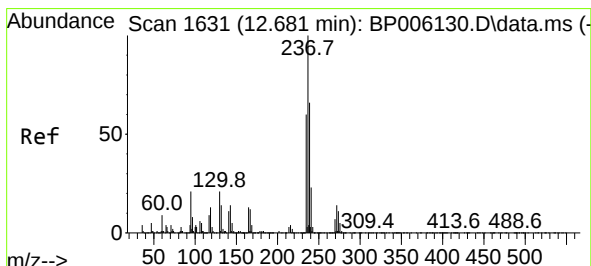
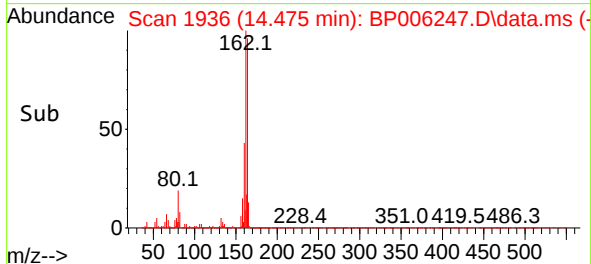
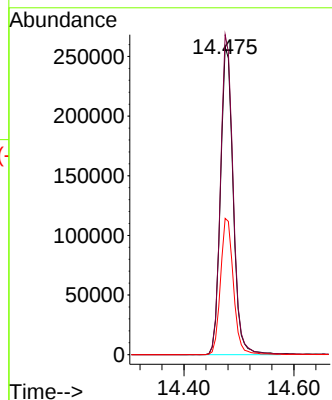
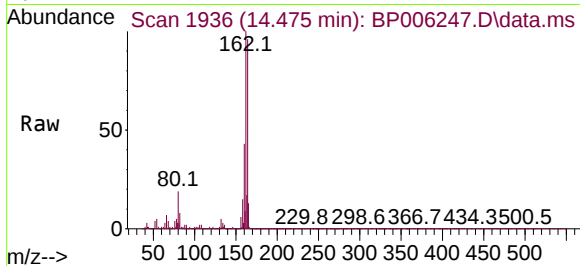




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.475 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

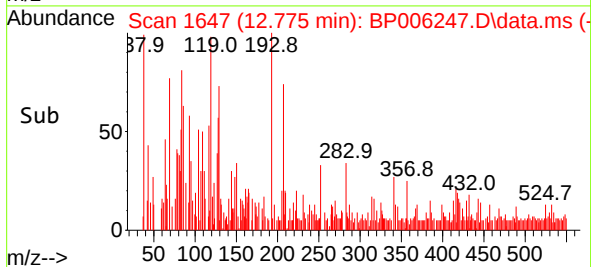
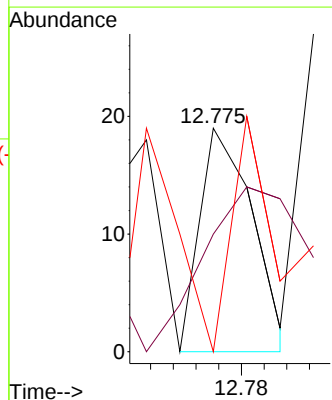
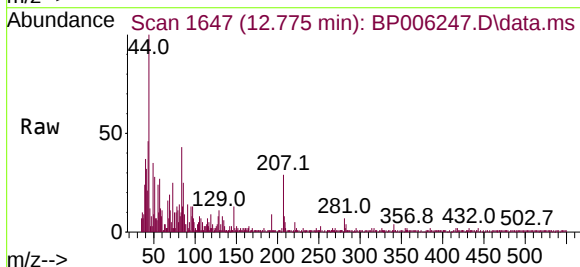
Instrument :
BNA_P
ClientSampleId :
SB-12-COMP

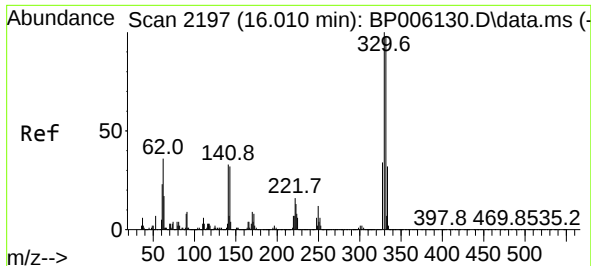
Tgt Ion:164 Resp: 413400
Ion Ratio Lower Upper
164 100
162 104.0 80.2 120.2
160 44.3 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.775 min Scan# 1647
Delta R.T. 0.130 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 52.6 44.5 84.5
272 0.0 0.0 32.5

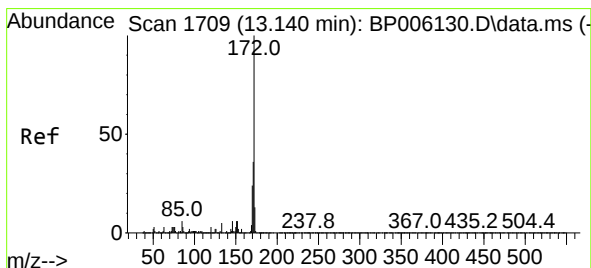
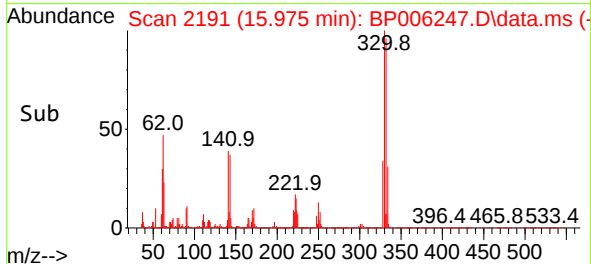
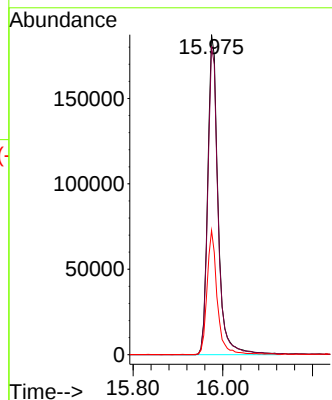
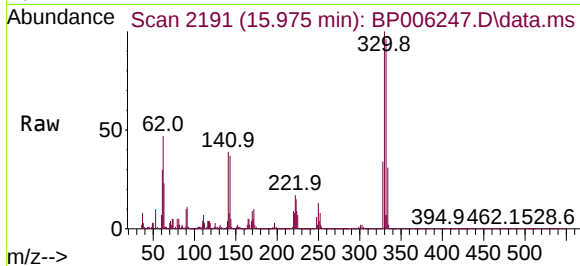




#42
2,4,6-Tribromophenol
Concen: 61.03 ng
RT: 15.975 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

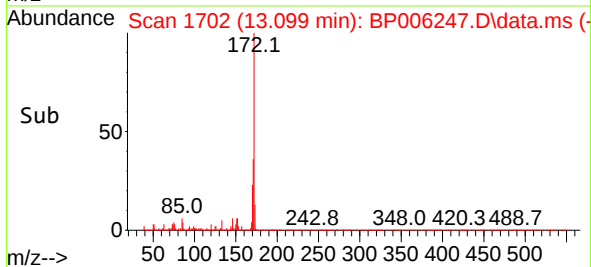
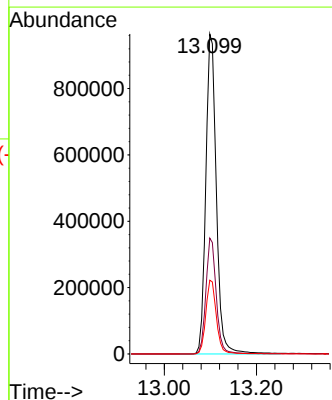
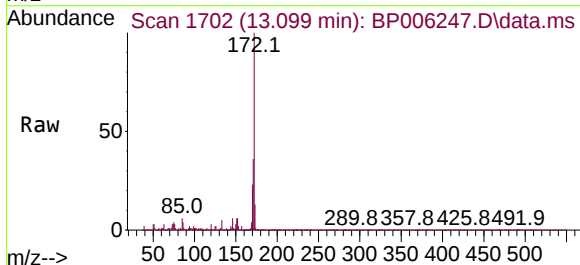
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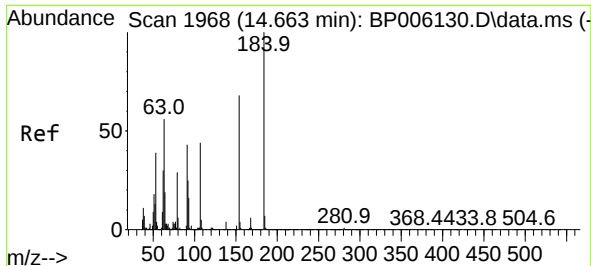
Tgt Ion:330 Resp: 300358
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 37.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 55.25 ng
RT: 13.099 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

Tgt Ion:172 Resp: 1544998
Ion Ratio Lower Upper
172 100
171 36.2 27.9 41.9
170 23.0 18.6 27.8

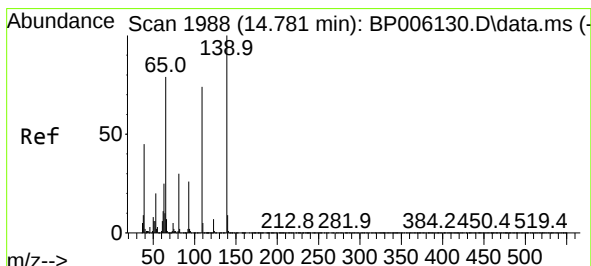
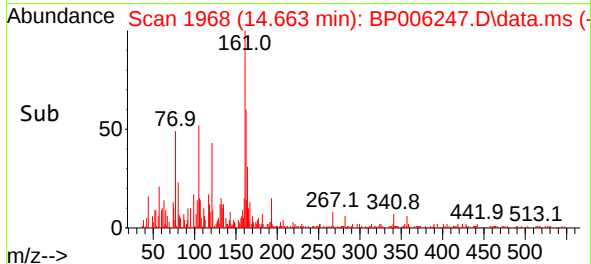
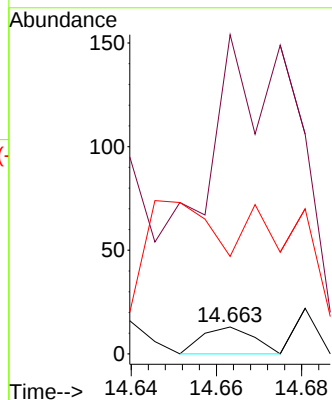
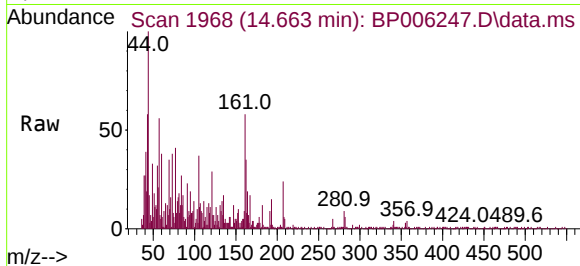




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 14.663 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

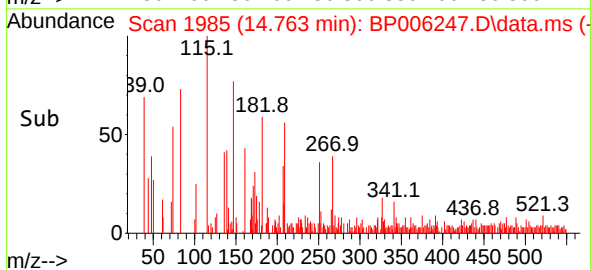
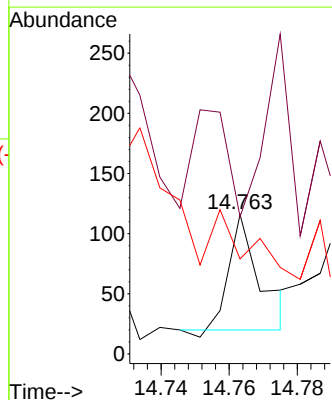
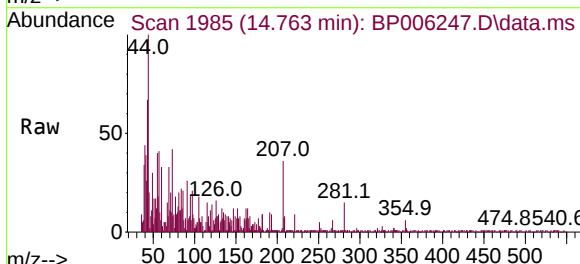
Instrument :
BNA_P
ClientSampleId :
SB-12-COMP

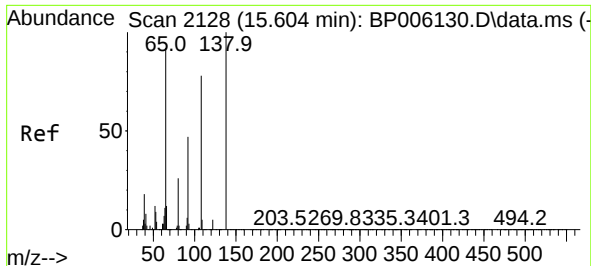
Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 1184.6 47.0 70.6#
154 361.5 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.14 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

Tgt Ion:139 Resp: 60
Ion Ratio Lower Upper
139 100
109 98.3 72.3 112.3
65 68.1 72.5 112.5#

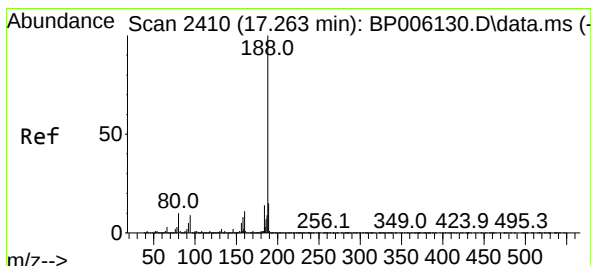
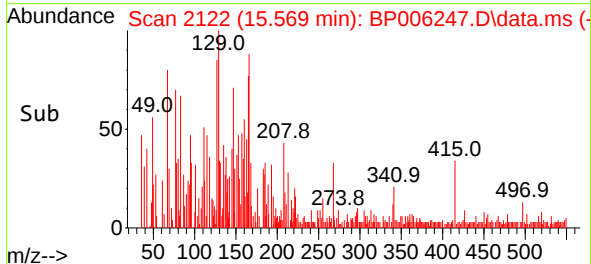
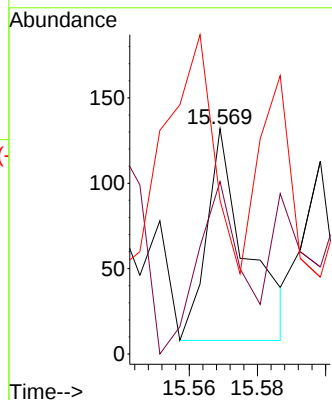
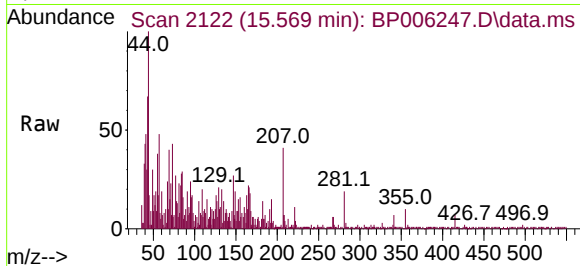




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

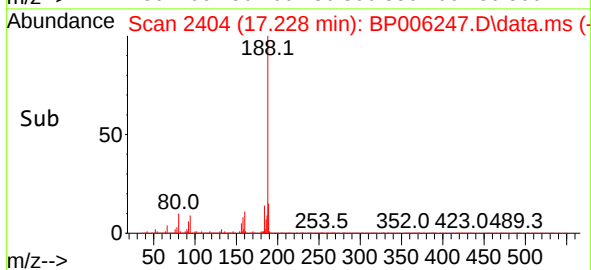
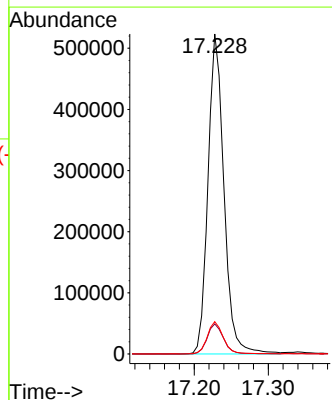
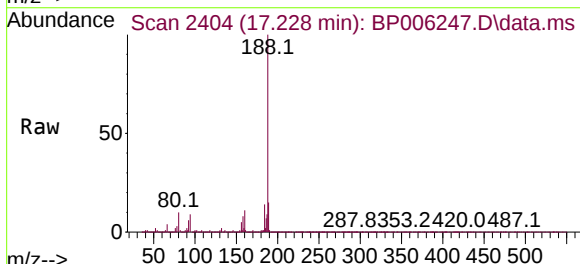
Instrument :
BNA_P
ClientSampled :
SB-12-COMP

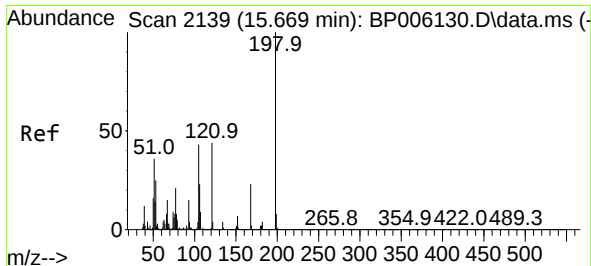
Tgt Ion:138 Resp: 100
Ion Ratio Lower Upper
138 100
92 76.5 31.2 71.2#
108 68.2 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

Tgt Ion:188 Resp: 783775
Ion Ratio Lower Upper
188 100
94 9.4 5.6 8.4#
80 10.1 6.3 9.5#

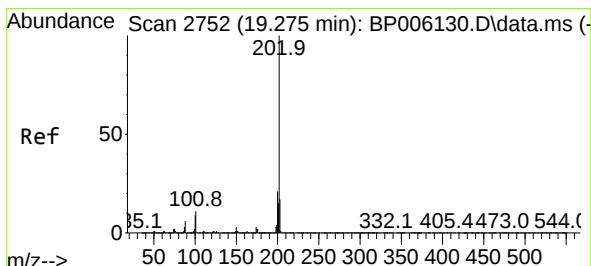
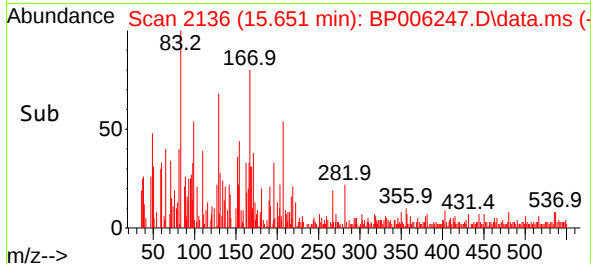
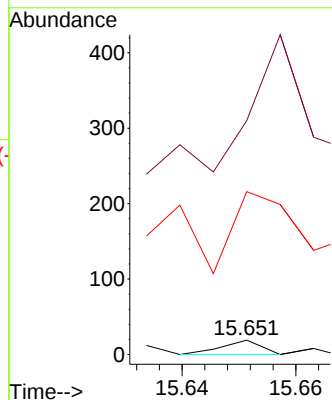
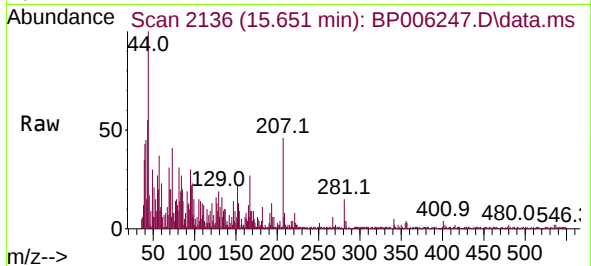




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

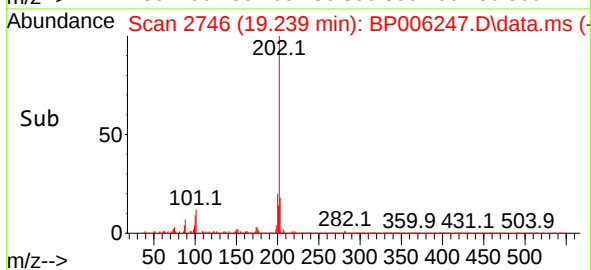
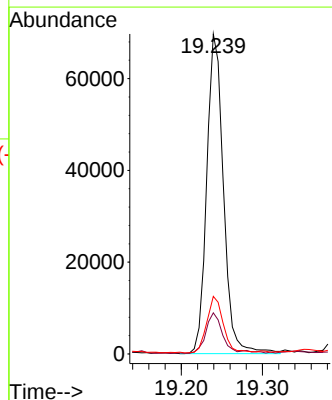
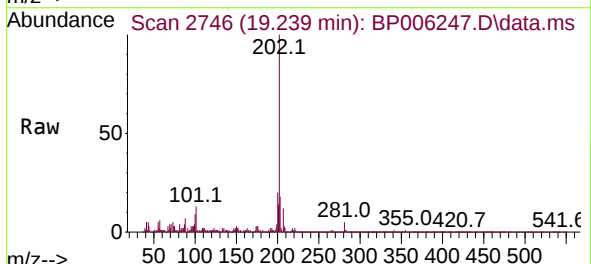
Instrument :
BNA_P
ClientSampleId :
SB-12-COMP

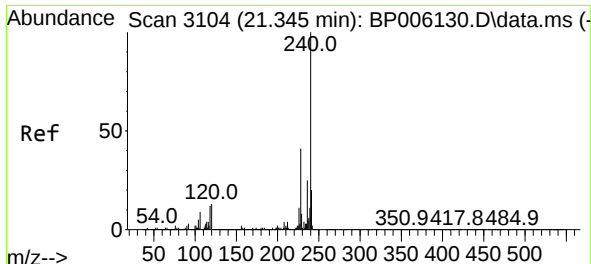
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 1631.6 14.0 54.0#
105 1136.8 19.5 59.5#



#75
Fluoranthene
Concen: 2.06 ng
RT: 19.239 min Scan# 2746
Delta R.T. 0.000 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

Tgt Ion:202 Resp: 99701
Ion Ratio Lower Upper
202 100
101 12.8 0.0 27.6
203 18.0 0.0 37.8

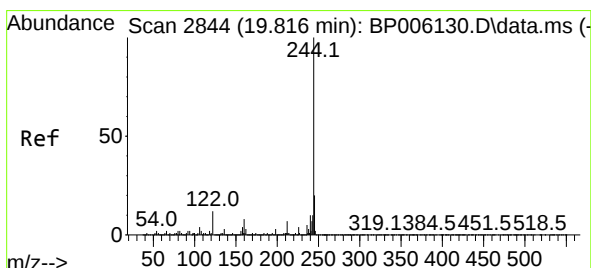
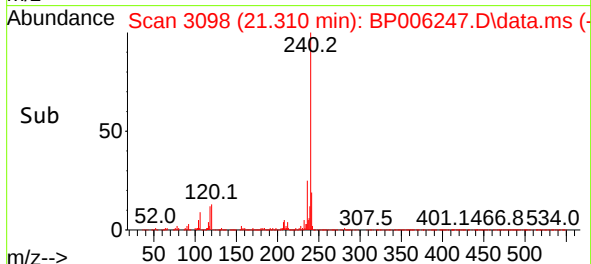
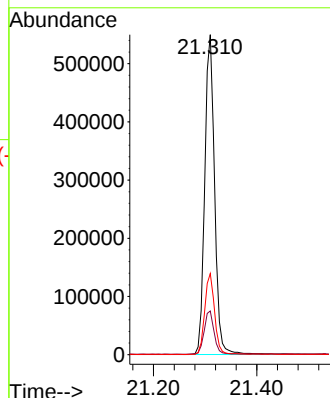
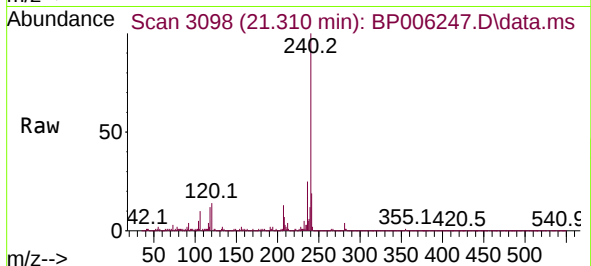




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.310 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

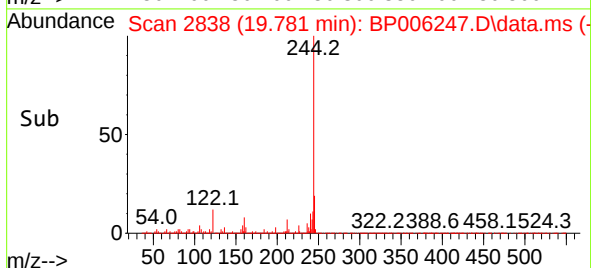
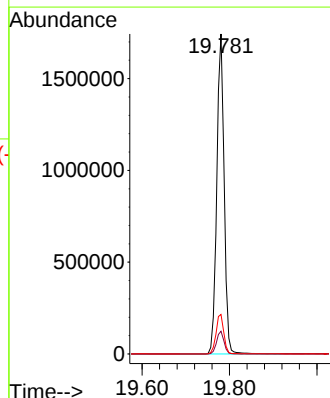
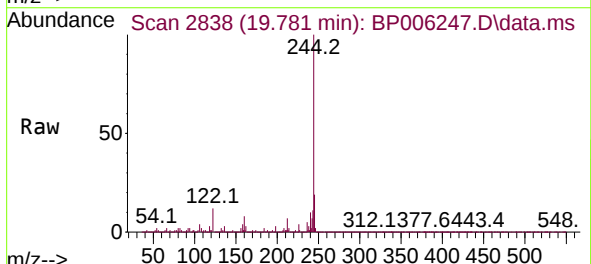
Instrument :
BNA_P
ClientSampleId :
SB-12-COMP

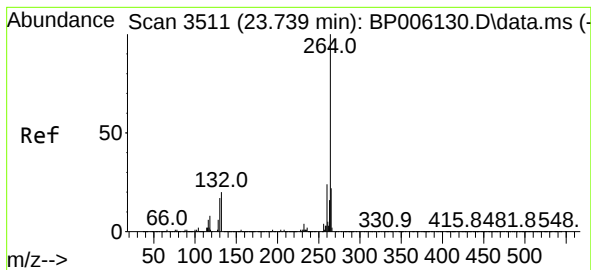
Tgt Ion:240 Resp: 729134
Ion Ratio Lower Upper
240 100
120 13.6 6.5 9.7#
236 25.4 20.6 31.0



#79
Terphenyl-d14
Concen: 55.08 ng
RT: 19.781 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BP006247.D
Acq: 15 Jul 2021 20:04

Tgt Ion:244 Resp: 2037023
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 12.3 7.1 10.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.680 min Scan# 3501
 Delta R.T. -0.012 min
 Lab File: BP006247.D
 Acq: 15 Jul 2021 20:04

Instrument :
 BNA_P
 ClientSampleId :
 SB-12-COMP

Tgt Ion:264 Resp: 806079
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 22.9 17.6 26.4

