

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071521\
 Data File : BP006239.D
 Acq On : 15 Jul 2021 15:28
 Operator : CG/JU
 Sample : M3039-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-08-COMP

Quant Time: Jul 15 16:21:22 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)

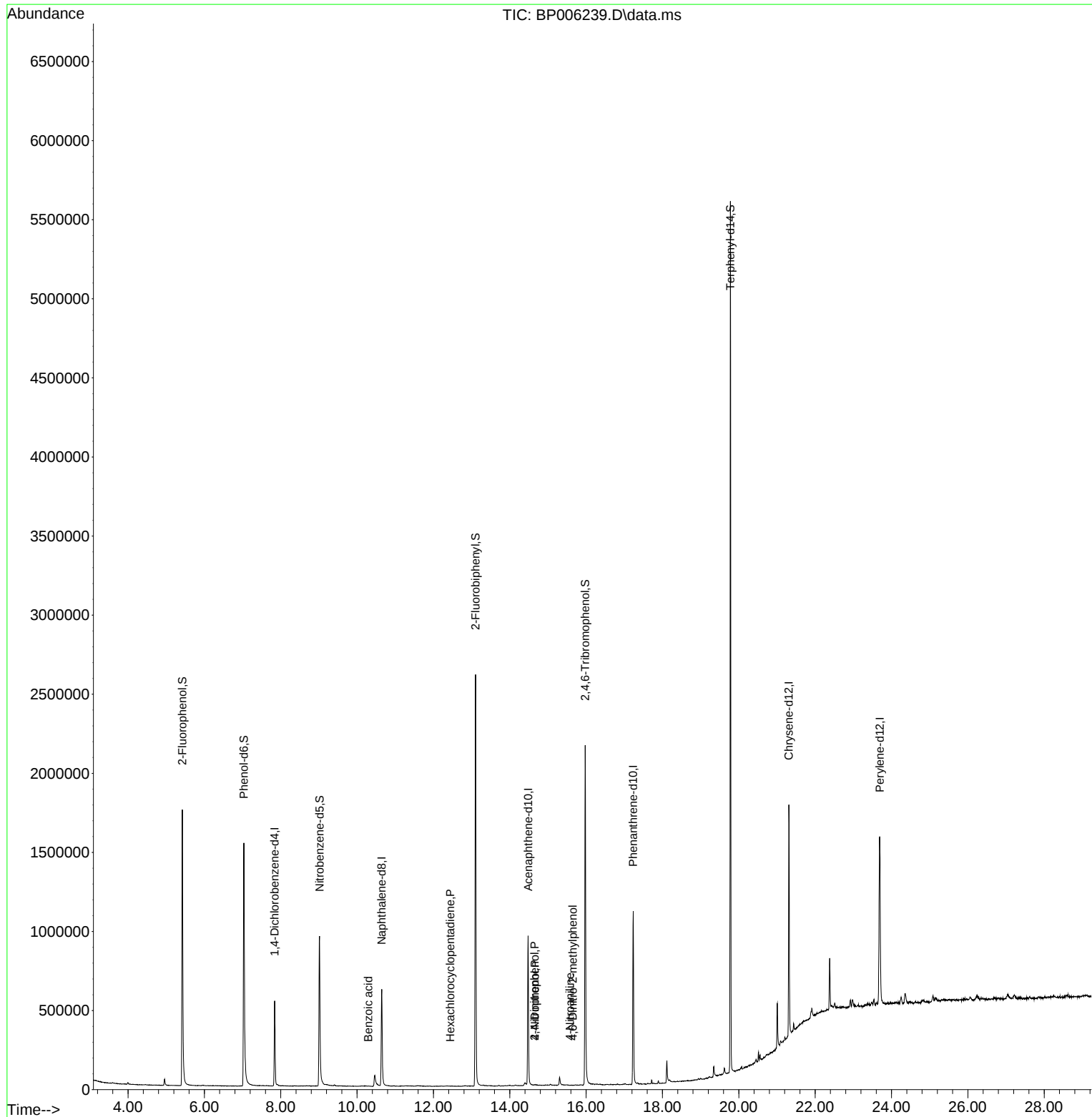
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	160219	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	616448	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	346495	20.000	ng	0.00
64) Phenanthrene-d10	17.234	188	697125	20.000	ng	# 0.00
76) Chrysene-d12	21.310	240	707550	20.000	ng	# 0.00
86) Perylene-d12	23.692	264	835608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	935652	100.483	ng	0.00
7) Phenol-d6	7.034	99	1160762	94.243	ng	0.00
23) Nitrobenzene-d5	9.016	82	660632	67.693	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	430082	104.256	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1430115	61.017	ng	0.00
79) Terphenyl-d14	19.781	244	2212280	61.646	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.293	122	112	6.918	ng	95
41) Hexachlorocyclopentadiene	12.440	237	18	8.712	ng	82
54) 2,4-Dinitrophenol	14.651	184	24	8.887	ng	# 1
56) 4-Nitrophenol	14.657	139	106	7.147	ng	97
62) 4-Nitroaniline	15.575	138	37	2.965	ng	# 74
65) 4,6-Dinitro-2-methylph...	15.651	198	32	4.425	ng	# 1

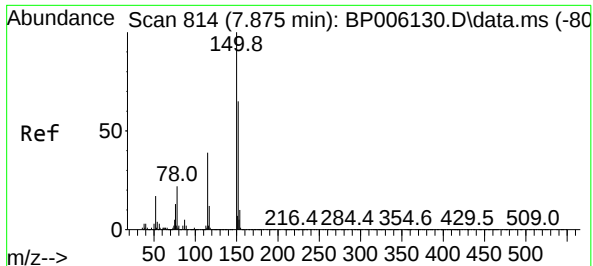
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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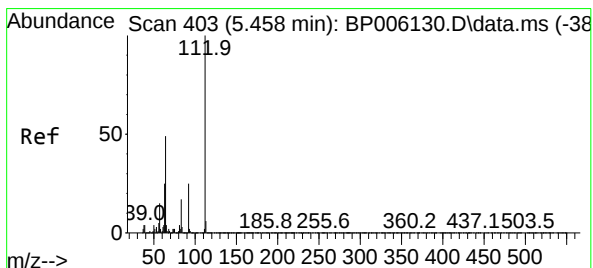
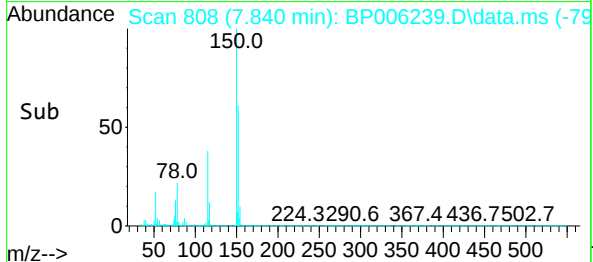
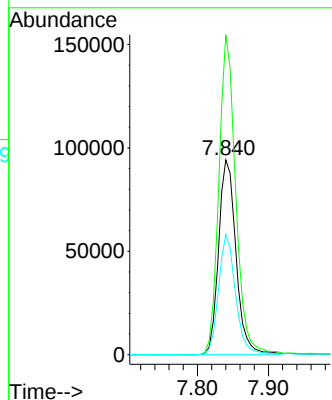
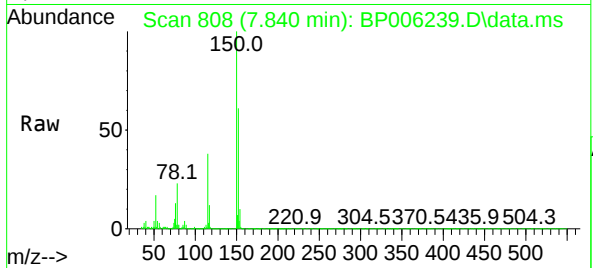




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 808
Delta R.T. 0.000 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

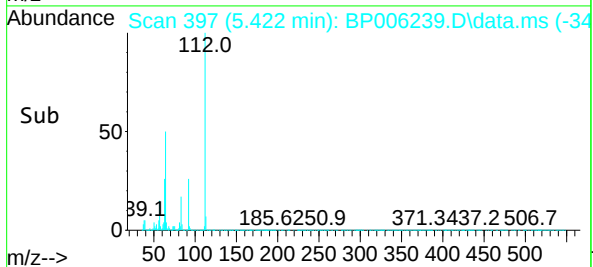
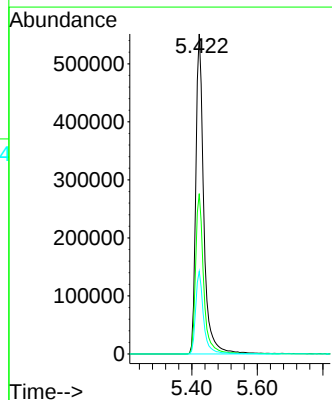
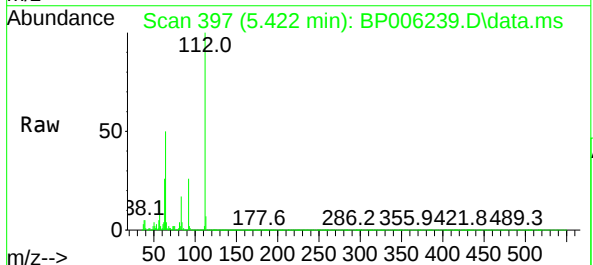
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

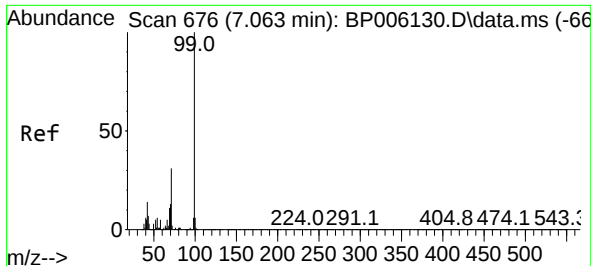
Tgt Ion:152 Resp: 160219
Ion Ratio Lower Upper
152 100
150 164.3 125.6 188.4
115 61.7 48.5 72.7



#5
2-Fluorophenol
Concen: 100.483 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

Tgt Ion:112 Resp: 935652
Ion Ratio Lower Upper
112 100
64 50.1 41.4 62.2
63 25.8 23.8 35.8

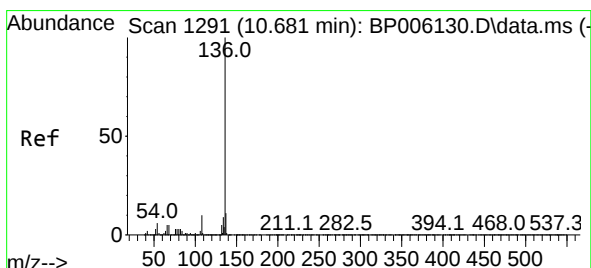
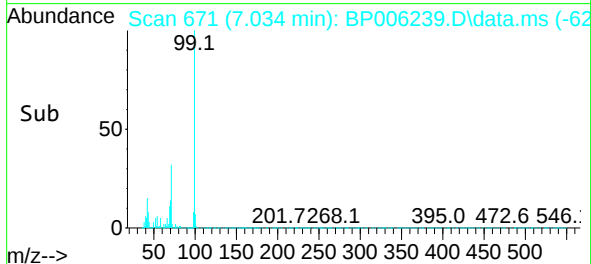
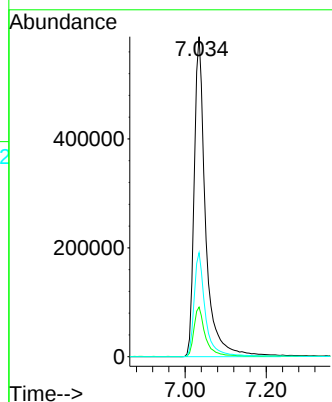
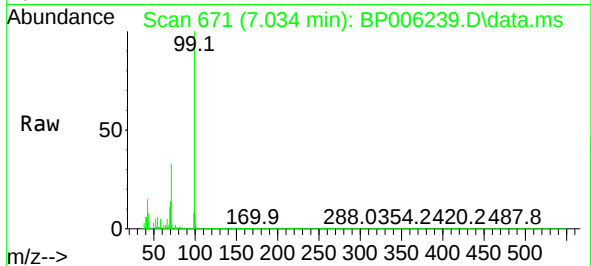




#7
Phenol-d6
Concen: 94.243 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

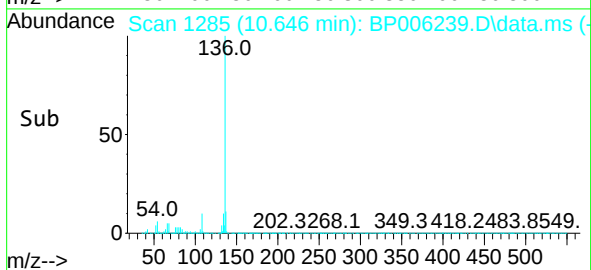
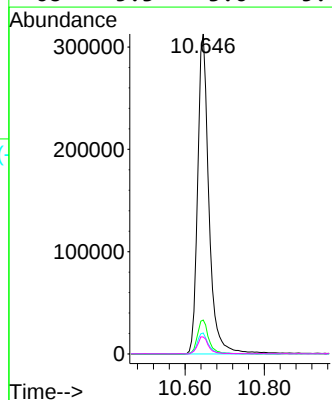
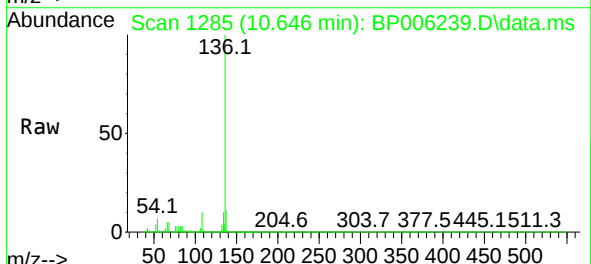
Instrument :
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ClientSampleId :
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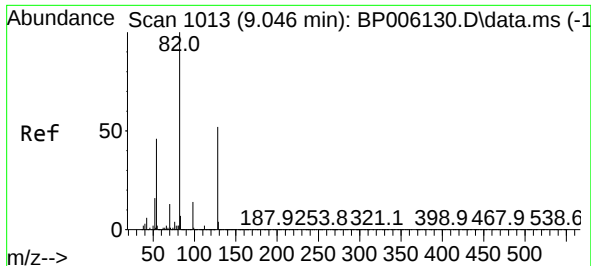
Tgt Ion: 99 Resp: 1160762
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.0
71 32.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

Tgt Ion: 136 Resp: 616448
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.5 4.6 6.8
68 5.3 3.6 5.4

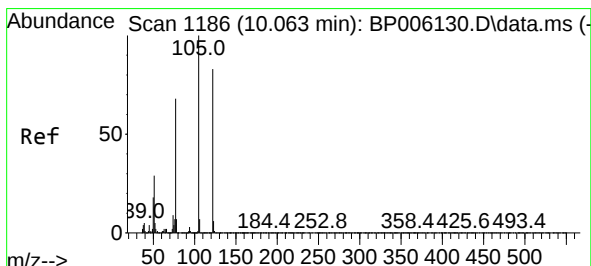
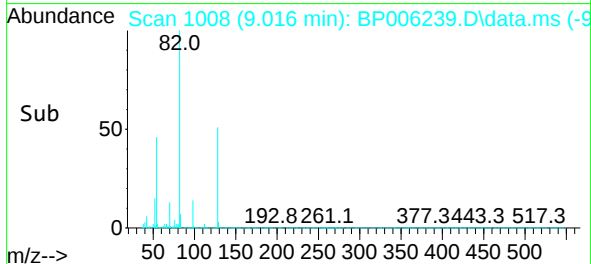
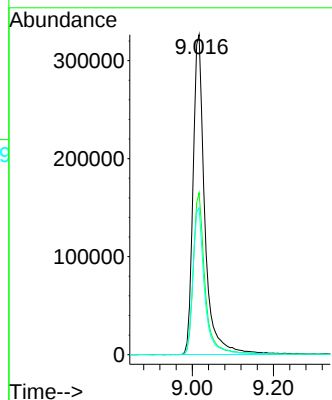
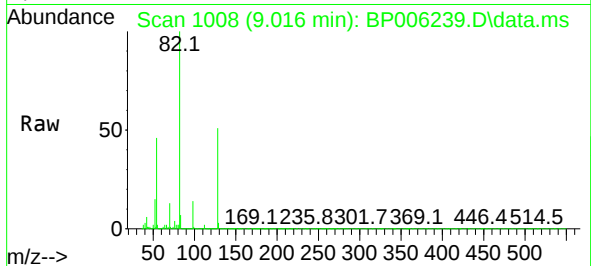




#23
Nitrobenzene-d5
Concen: 67.693 ng
RT: 9.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

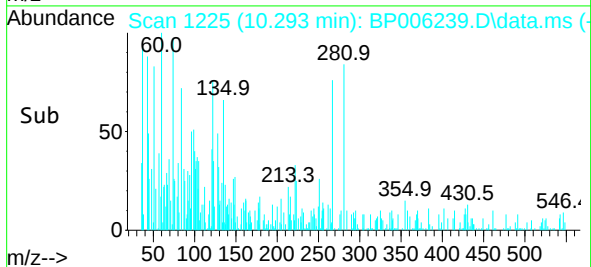
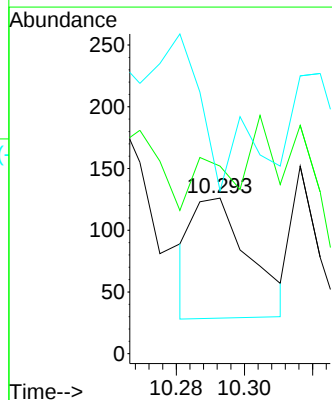
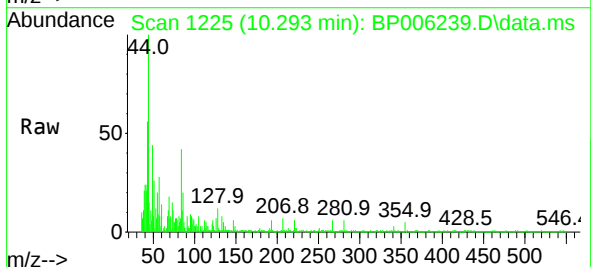
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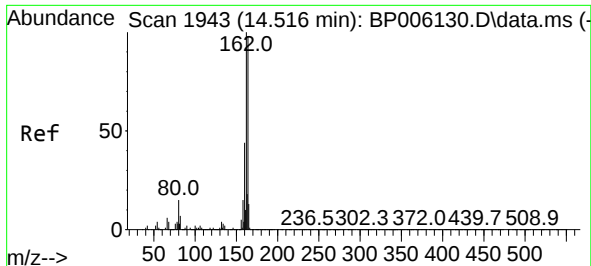
Tgt Ion: 82 Resp: 660632
Ion Ratio Lower Upper
82 100
128 50.6 35.7 53.5
54 45.9 35.0 52.4



#32
Benzoic acid
Concen: 6.918 ng
RT: 10.293 min Scan# 1225
Delta R.T. 0.247 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

Tgt Ion: 122 Resp: 112
Ion Ratio Lower Upper
122 100
105 126.2 103.2 143.2
77 104.8 76.2 116.2

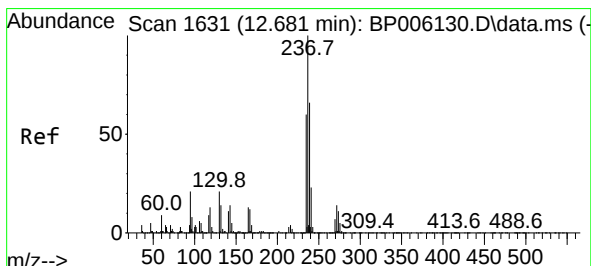
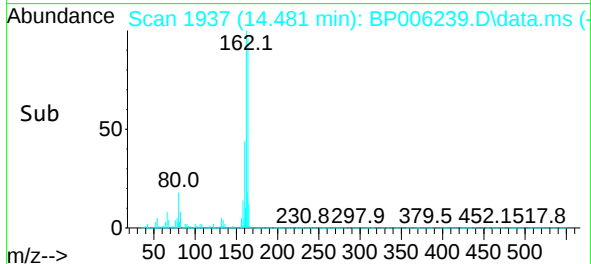
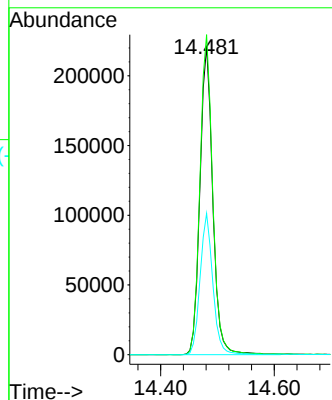
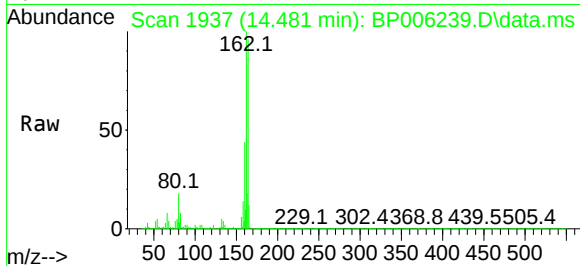




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

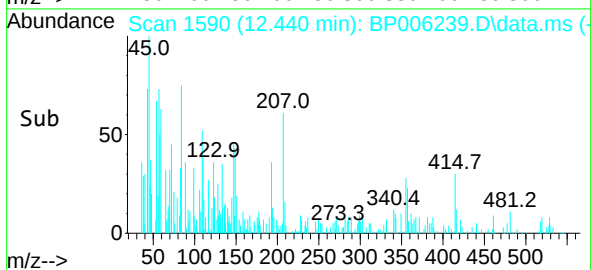
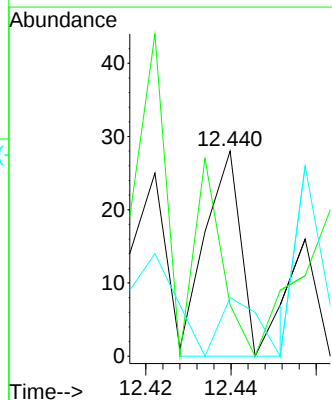
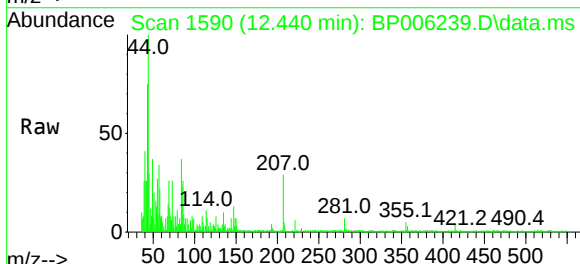
Instrument :
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ClientSampleId :
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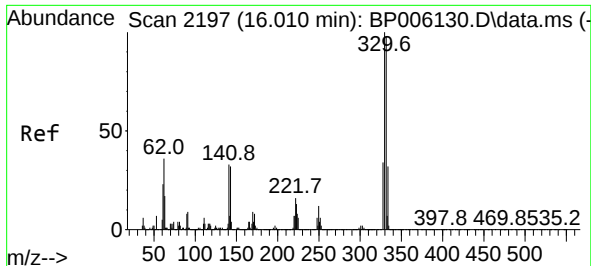
Tgt Ion:164 Resp: 346495
Ion Ratio Lower Upper
164 100
162 103.9 80.2 120.2
160 45.9 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.712 ng
RT: 12.440 min Scan# 1590
Delta R.T. -0.206 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

Tgt Ion:237 Resp: 18
Ion Ratio Lower Upper
237 100
235 53.6 44.5 84.5
272 28.6 0.0 32.5

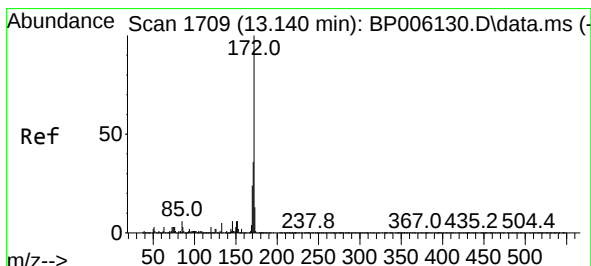
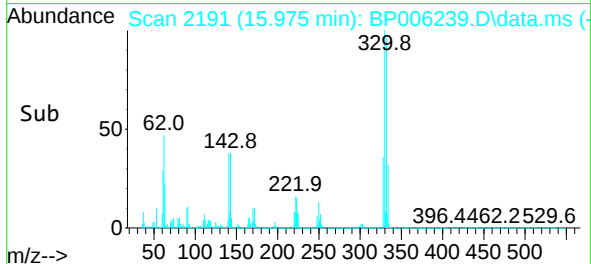
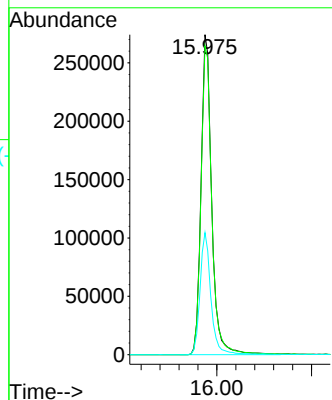
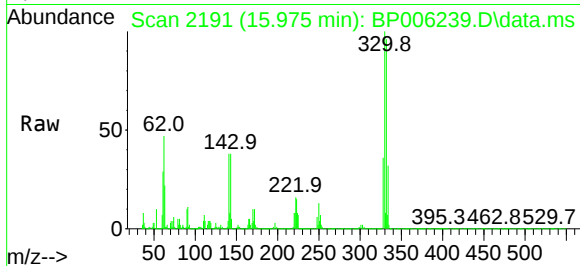




#42
2,4,6-Tribromophenol
Concen: 104.256 ng
RT: 15.975 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

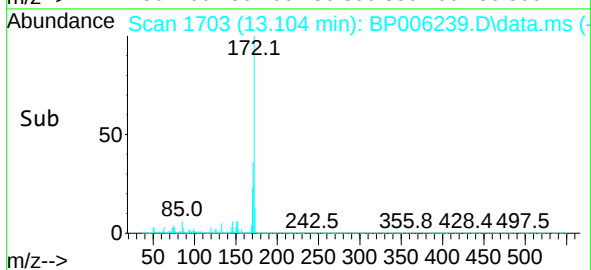
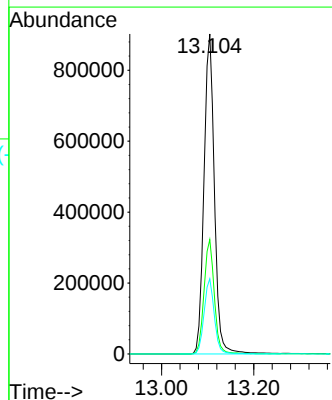
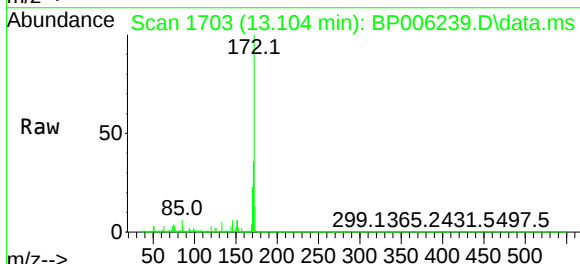
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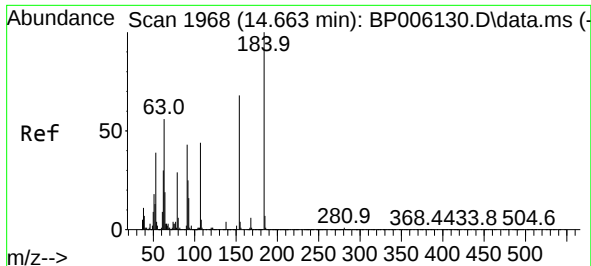
Tgt Ion:330 Resp: 430082
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 38.7 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 61.017 ng
RT: 13.104 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

Tgt Ion:172 Resp: 1430115
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.5 18.6 27.8

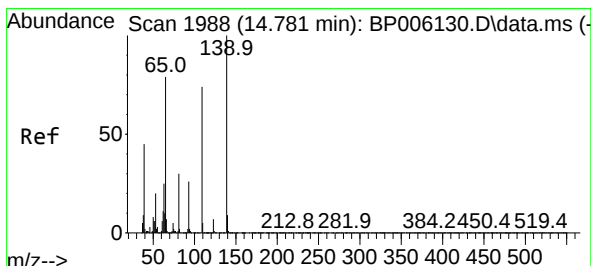
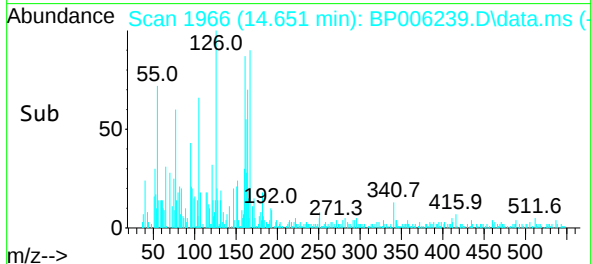
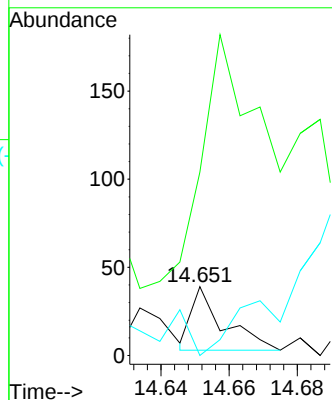
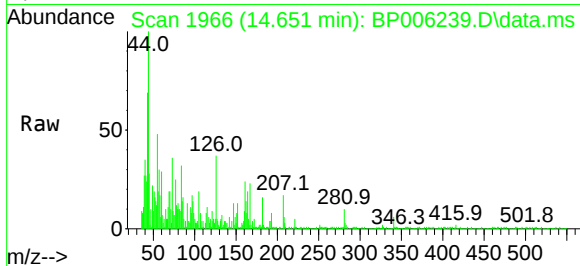




#54
2,4-Dinitrophenol
Concen: 8.887 ng
RT: 14.651 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

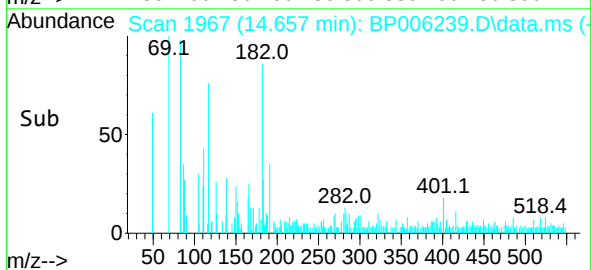
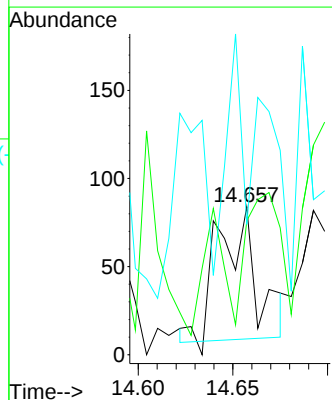
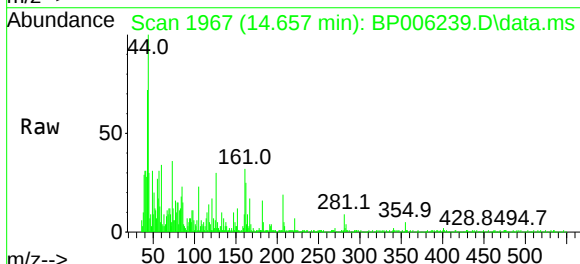
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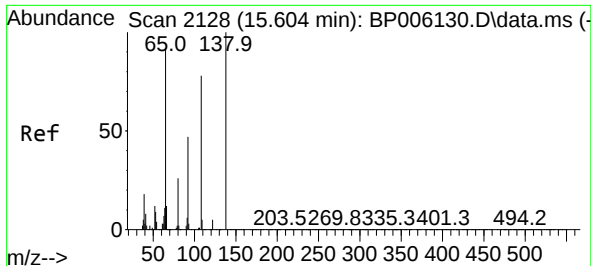
Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 266.7 47.0 70.6#
154 0.0 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.147 ng
RT: 14.657 min Scan# 1967
Delta R.T. -0.117 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

Tgt Ion:139 Resp: 106
Ion Ratio Lower Upper
139 100
109 90.5 72.3 112.3
65 88.1 72.5 112.5

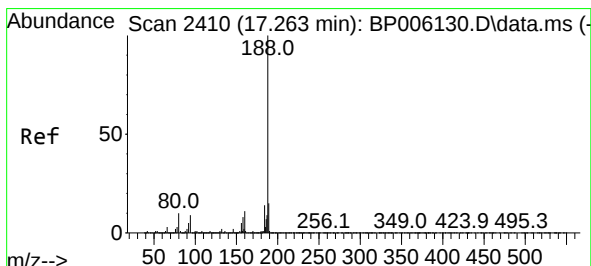
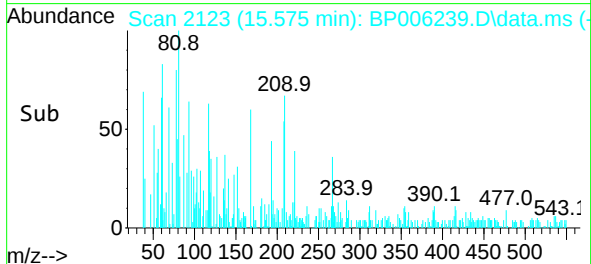
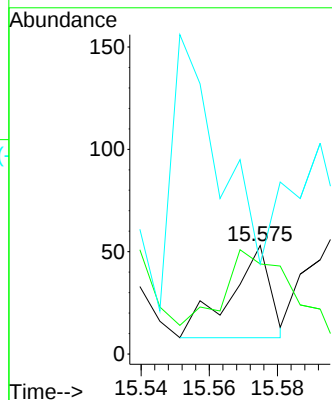
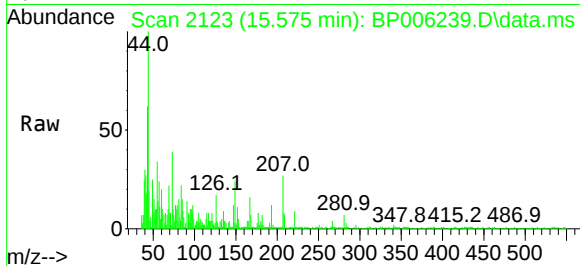




#62
4-Nitroaniline
Concen: 2.965 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

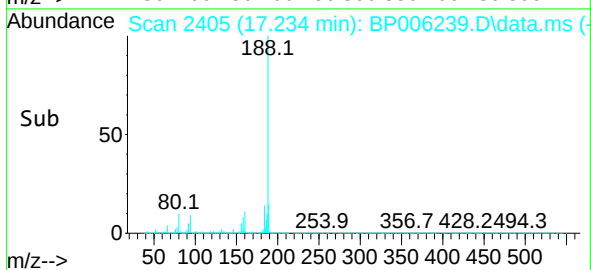
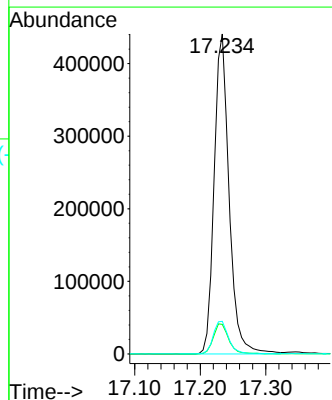
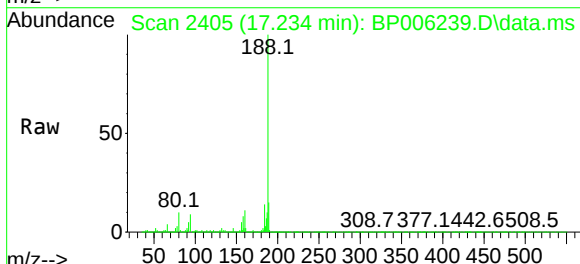
Instrument :
BNA_P
ClientSampleId :
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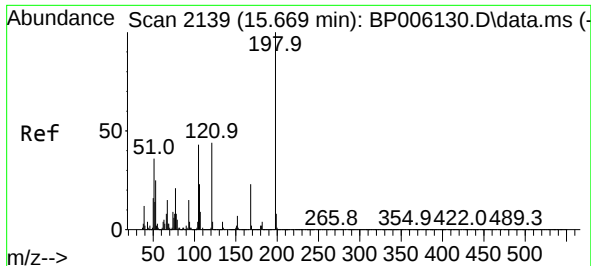
Tgt Ion:138 Resp: 37
Ion Ratio Lower Upper
138 100
92 83.0 31.2 71.2#
108 83.0 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

Tgt Ion:188 Resp: 697125
Ion Ratio Lower Upper
188 100
94 9.3 5.6 8.4#
80 10.2 6.3 9.5#

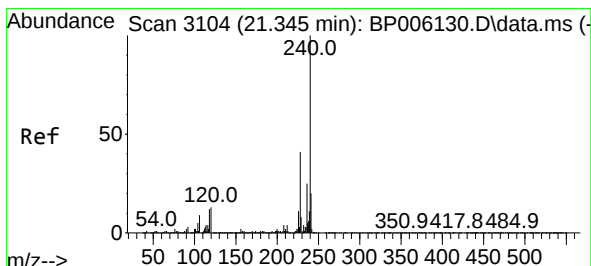
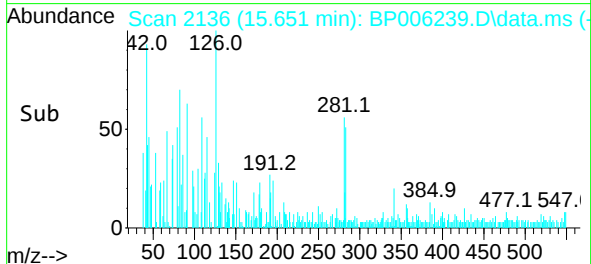
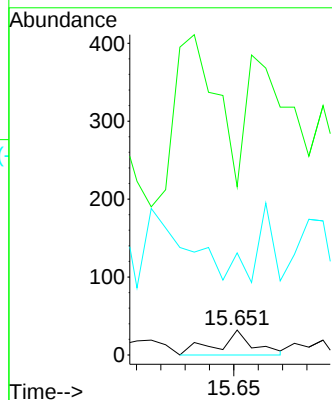
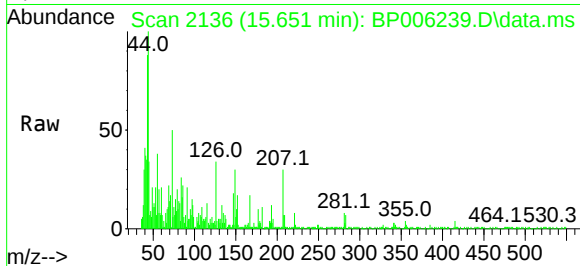




#65
4,6-Dinitro-2-methylphenol
Concen: 4.425 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

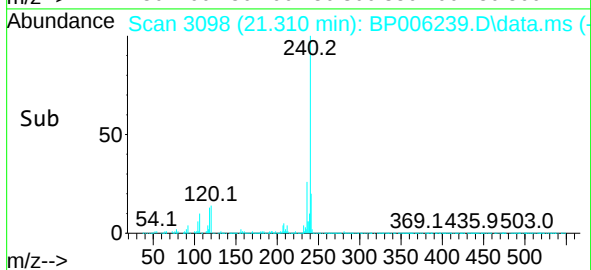
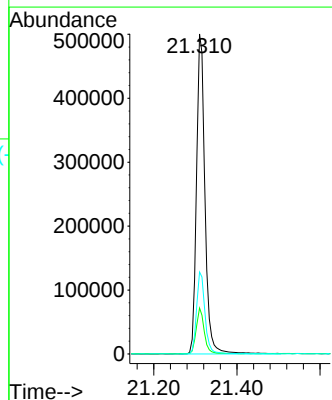
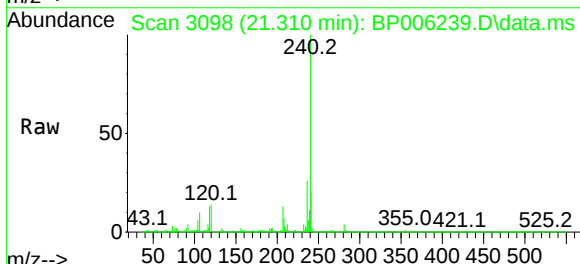
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

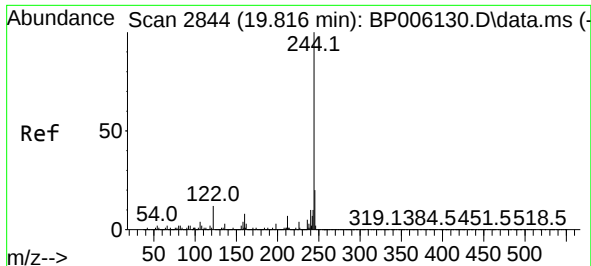
Tgt Ion:198 Resp: 32
Ion Ratio Lower Upper
198 100
51 675.0 14.0 54.0#
105 409.4 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

Tgt Ion:240 Resp: 707550
Ion Ratio Lower Upper
240 100
120 14.3 6.5 9.7#
236 25.6 20.6 31.0

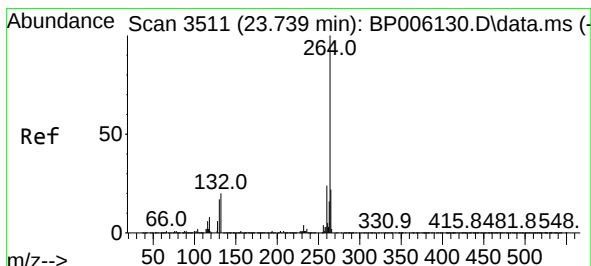
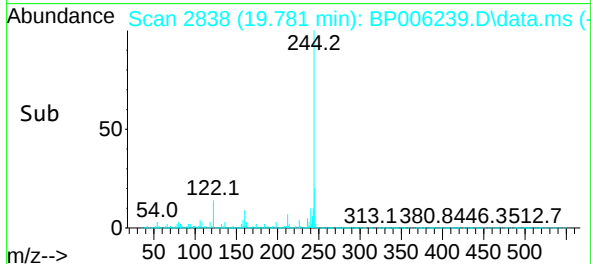
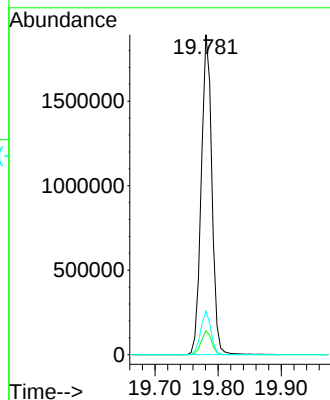
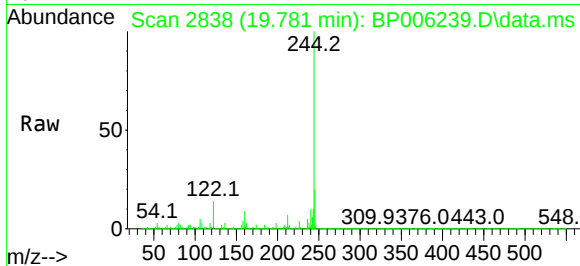




#79
Terphenyl-d14
Concen: 61.646 ng
RT: 19.781 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

Tgt Ion:244 Resp: 2212280
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 13.6 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 3503
Delta R.T. 0.000 min
Lab File: BP006239.D
Acq: 15 Jul 2021 15:28

Tgt Ion:264 Resp: 835608
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.6 17.6 26.4

