

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006734.D
 Acq On : 18 Aug 2021 00:19
 Operator : CG/JU
 Sample : M3441-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-4

Quant Time: Aug 18 03:14:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

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

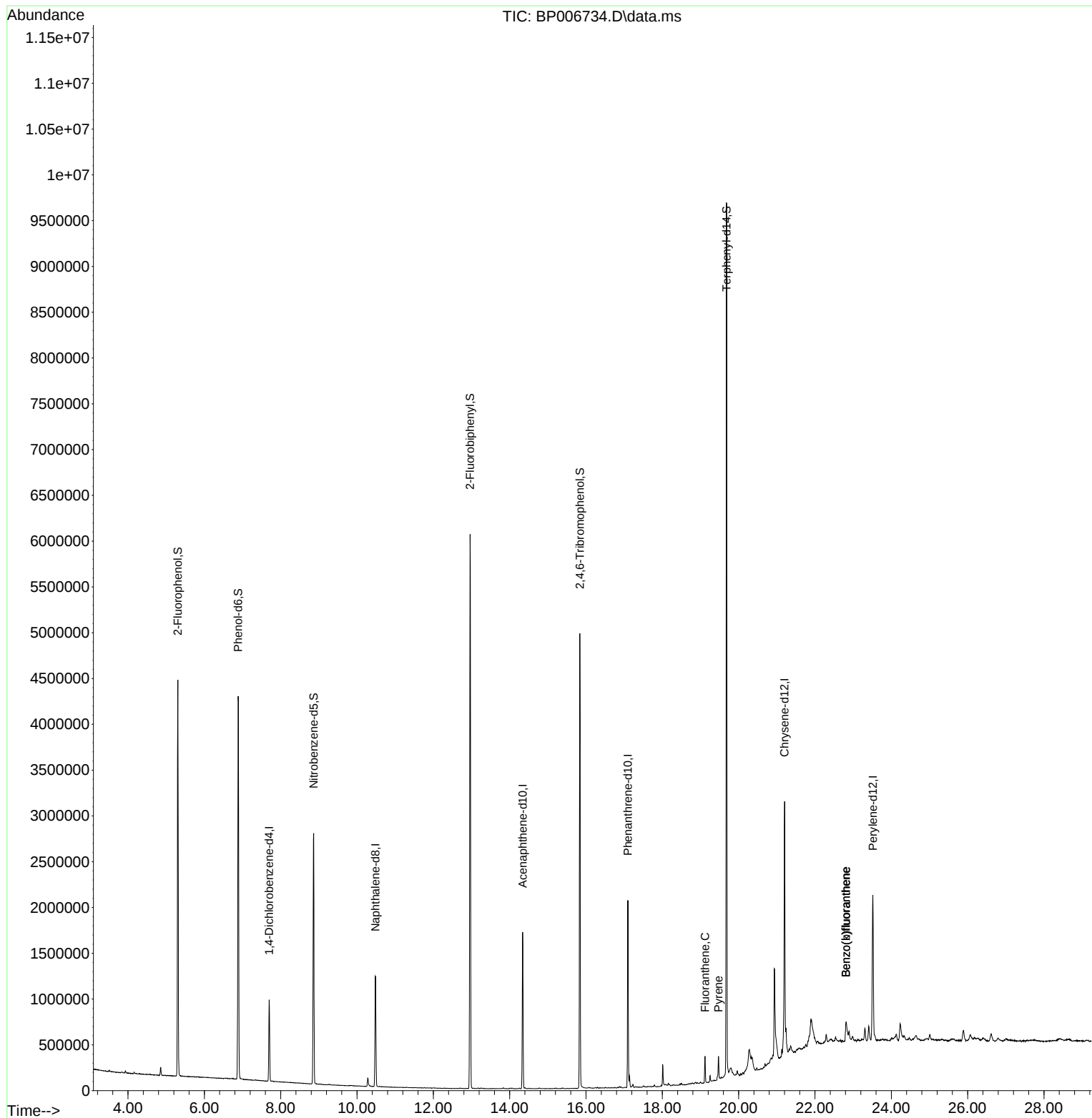
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	224218	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	961025	20.000	ng	#-0.01
39) Acenaphthene-d10	14.339	164	525259	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	1026544	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	977385	20.000	ng	# 0.00
86) Perylene-d12	23.515	264	1032802	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1802655	123.486	ng	0.00
7) Phenol-d6	6.887	99	2390392	115.273	ng	0.00
23) Nitrobenzene-d5	8.863	82	1641116	78.822	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	724076	131.901	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2818594	80.284	ng	0.00
79) Terphenyl-d14	19.680	244	3788428	77.668	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.122	202	153180	2.357	ng	95
78) Pyrene	19.475	202	138749	2.125	ng	99
88) Benzo(b)fluoranthene	22.810	252	176707	2.633	ng	# 92
89) Benzo(k)fluoranthene	22.810	252	176707	2.742	ng	# 92

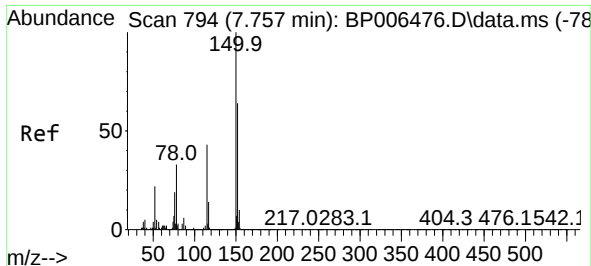
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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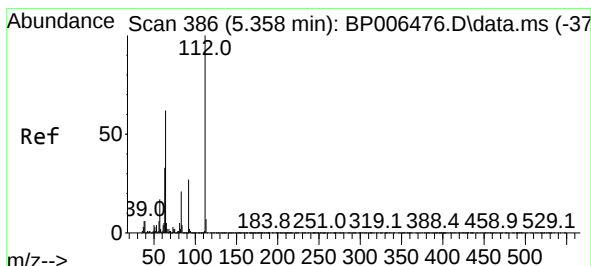
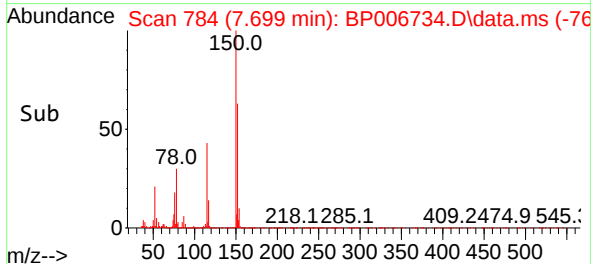
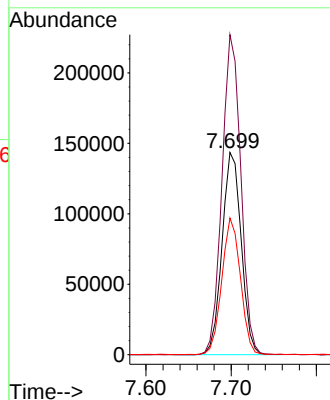
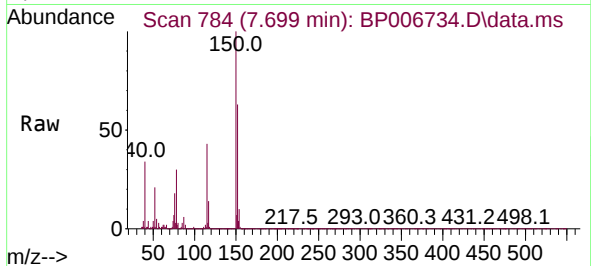




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

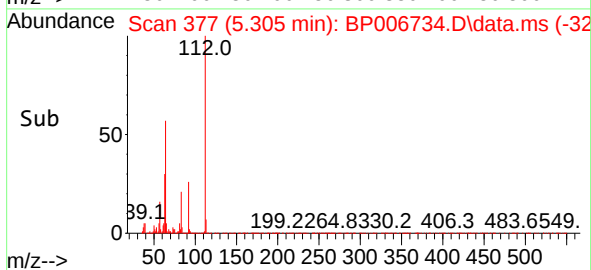
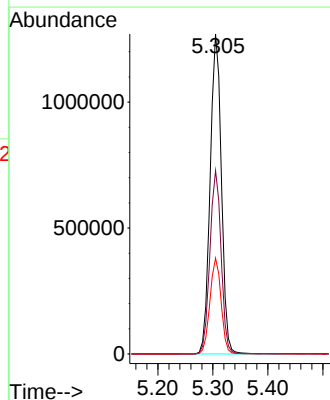
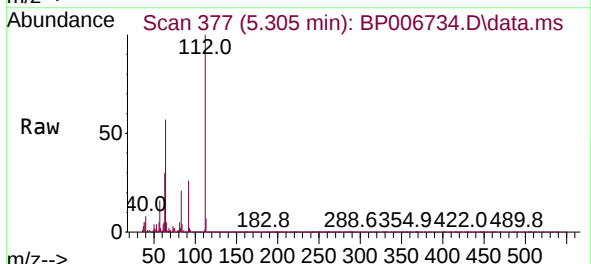
Instrument :
BNA_P
ClientSampled :
WC-4

Tgt Ion:152 Resp: 224218
Ion Ratio Lower Upper
152 100
150 158.2 125.6 188.4
115 67.6 48.5 72.7



#5
2-Fluorophenol
Concen: 123.486 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

Tgt Ion:112 Resp: 1802655
Ion Ratio Lower Upper
112 100
64 57.3 41.4 62.2
63 30.0 23.8 35.8

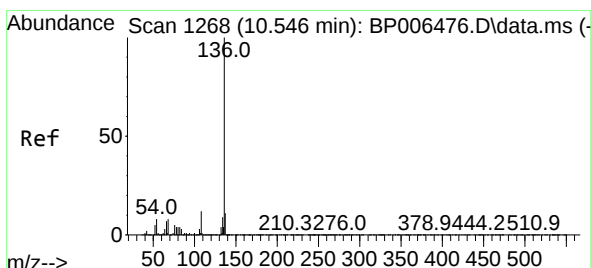
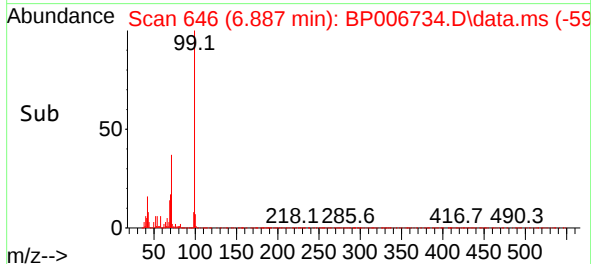
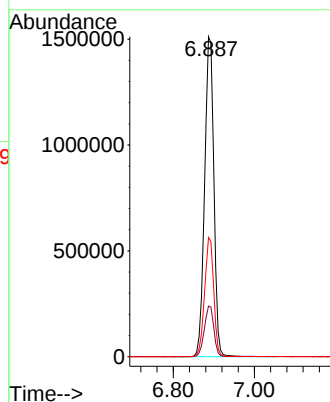
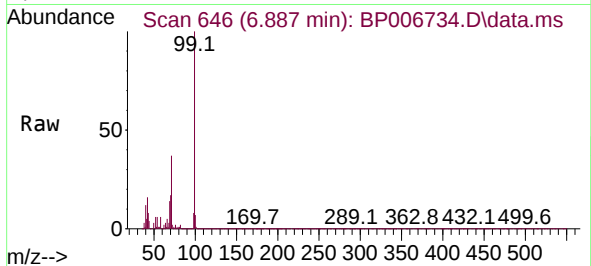




#7
Phenol-d6
Concen: 115.273 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

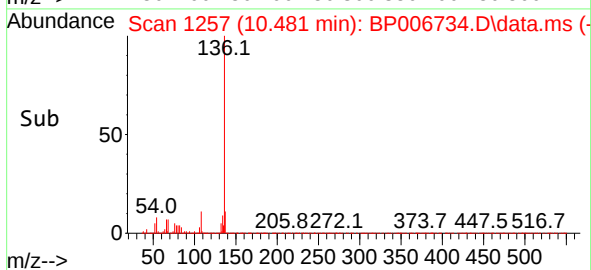
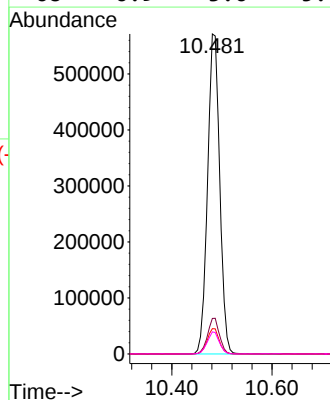
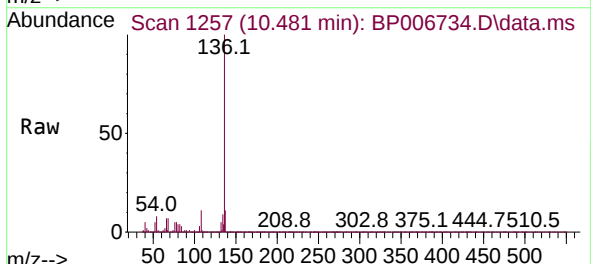
Instrument :
BNA_P
ClientSampleId :
WC-4

Tgt Ion: 99 Resp: 2390392
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.0
71 37.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

Tgt Ion: 136 Resp: 961025
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.9 4.6 6.8#
68 6.9 3.6 5.4#

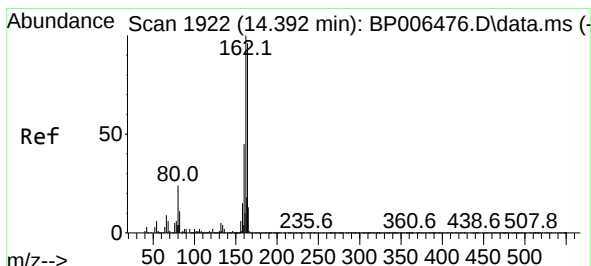
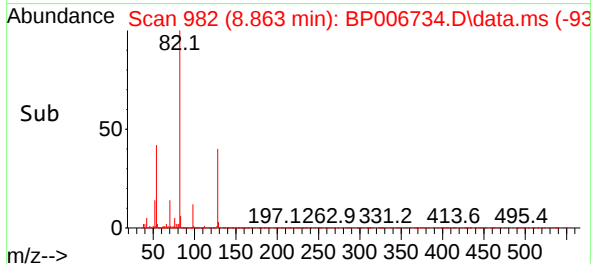
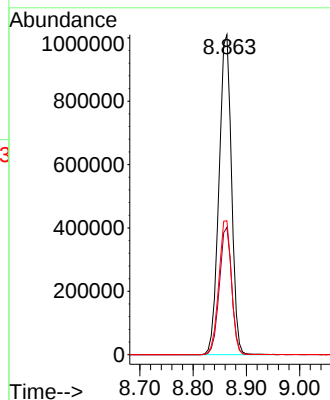
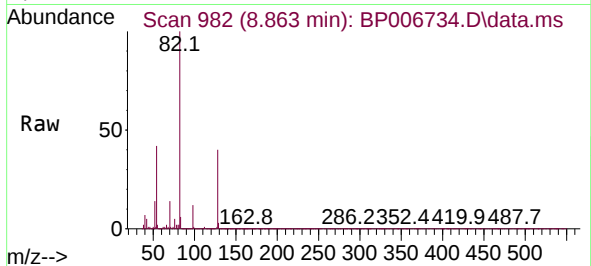




#23
Nitrobenzene-d5
Concen: 78.822 ng
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

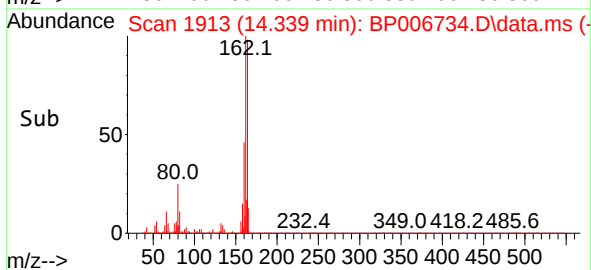
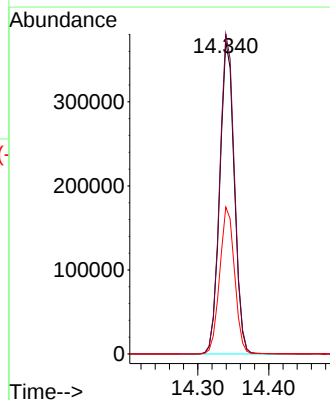
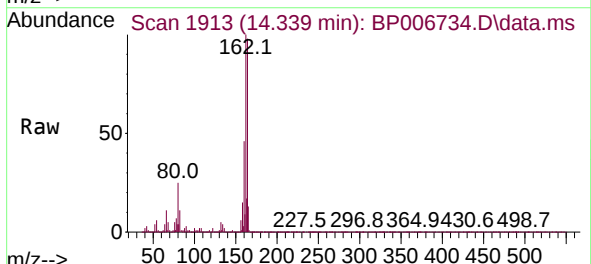
Instrument :
BNA_P
ClientSampleId :
WC-4

Tgt Ion: 82 Resp: 1641116
Ion Ratio Lower Upper
82 100
128 39.7 35.7 53.5
54 41.9 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

Tgt Ion:164 Resp: 525259
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.2
160 47.0 34.5 51.7

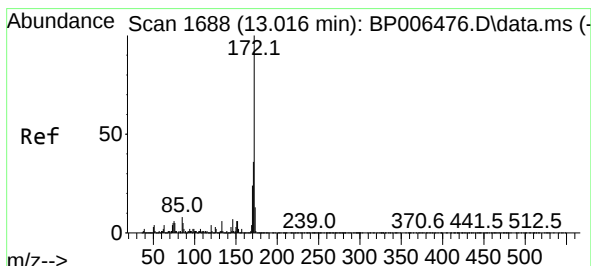
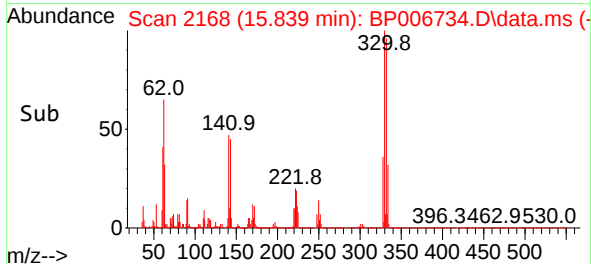
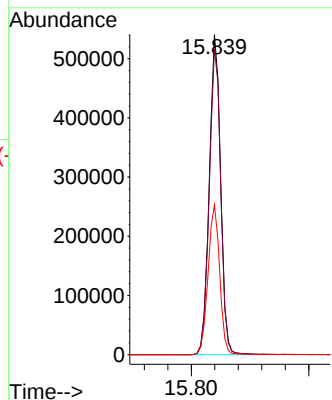
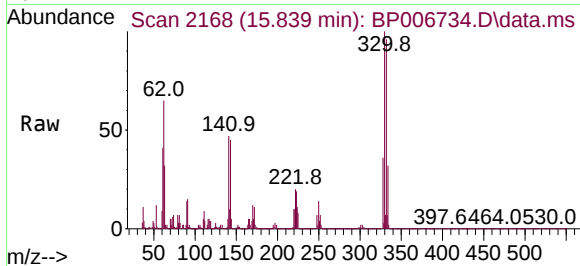




#42
2,4,6-Tribromophenol
Concen: 131.901 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

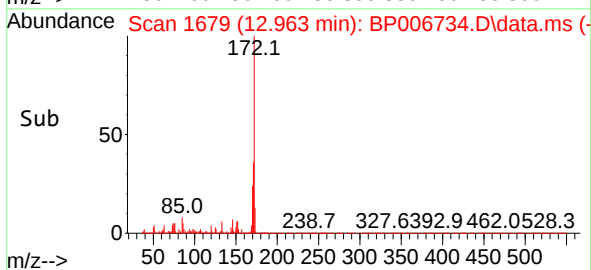
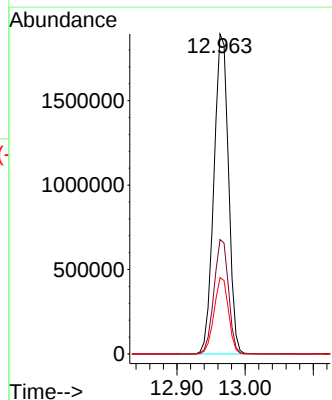
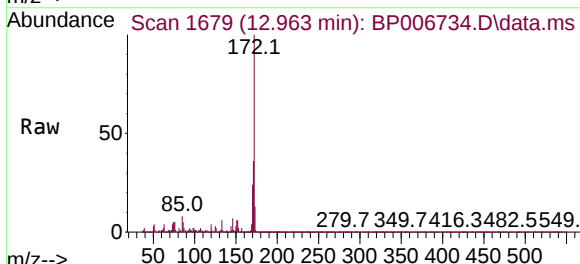
Instrument :
BNA_P
ClientSampled :
WC-4

Tgt Ion:330 Resp: 724076
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 47.9 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 80.284 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

Tgt Ion:172 Resp: 2818594
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.9 18.6 27.8

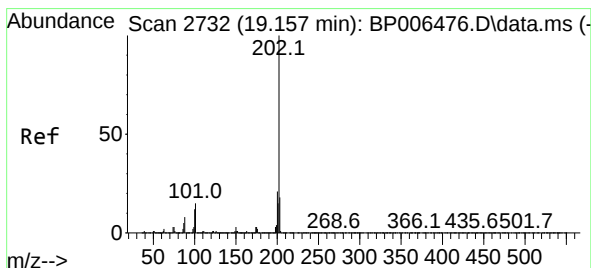
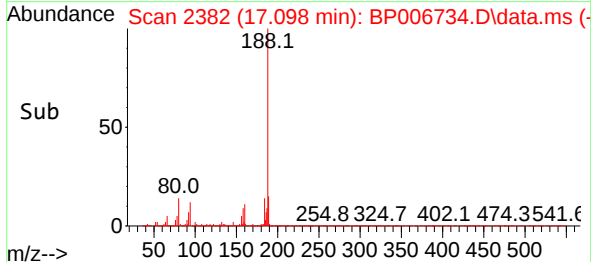
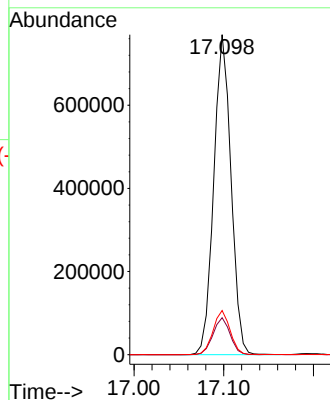
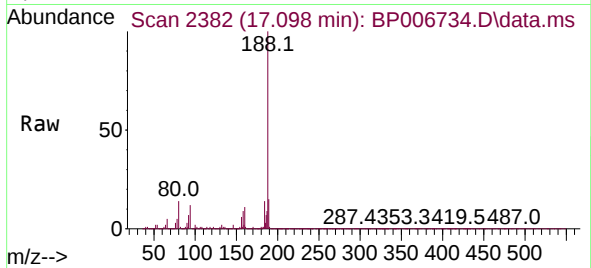




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

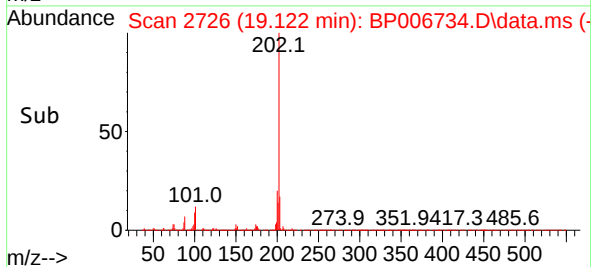
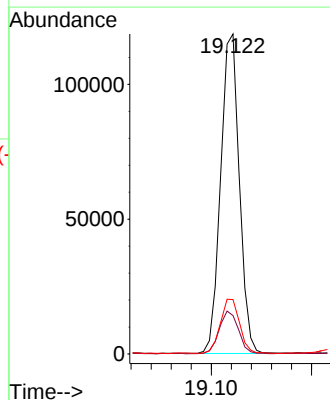
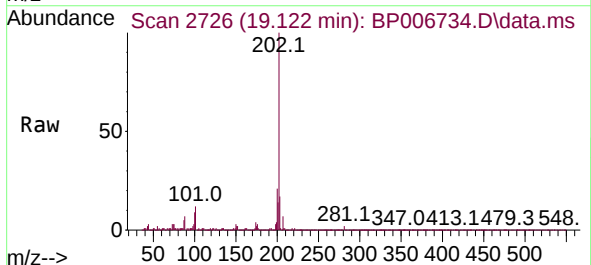
Instrument :
BNA_P
ClientSampled :
WC-4

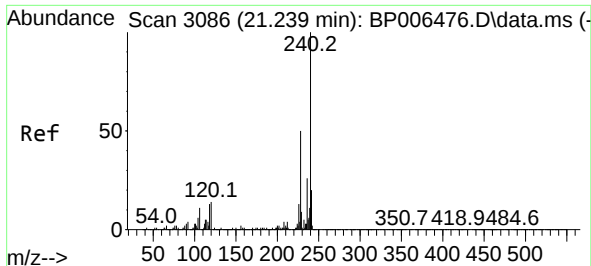
Tgt Ion:188 Resp: 1026544
Ion Ratio Lower Upper
188 100
94 11.6 5.6 8.4#
80 13.8 6.3 9.5#



#75
Fluoranthene
Concen: 2.357 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

Tgt Ion:202 Resp: 153180
Ion Ratio Lower Upper
202 100
101 12.0 0.0 27.6
203 17.0 0.0 37.8

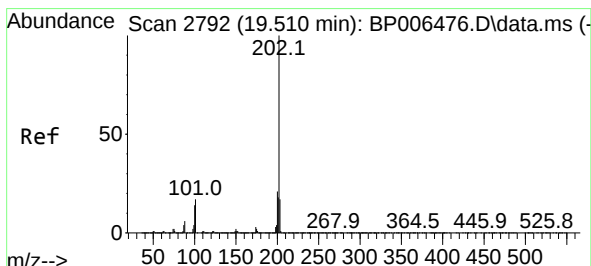
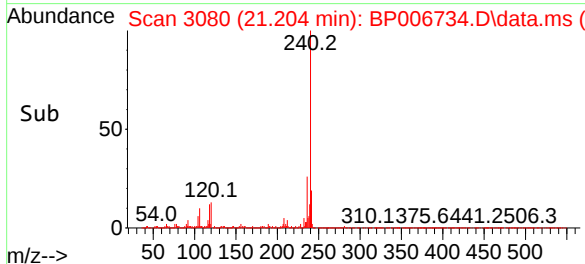
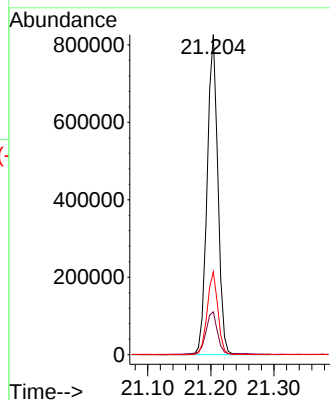
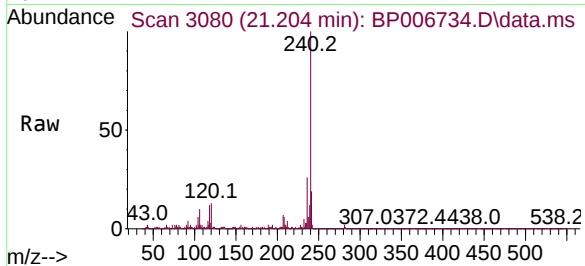




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

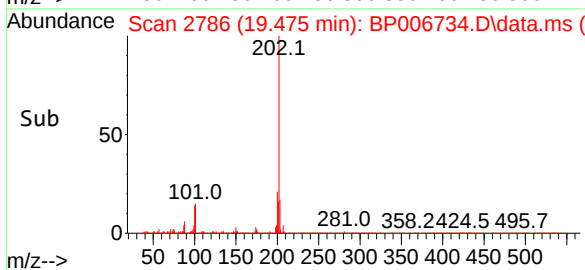
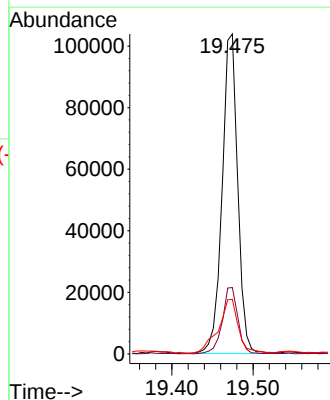
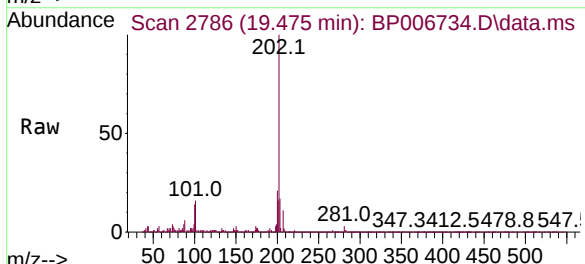
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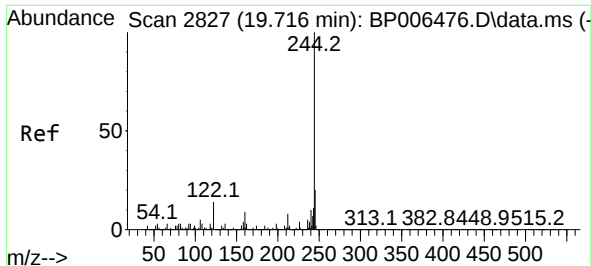
Tgt Ion:240 Resp: 977385
Ion Ratio Lower Upper
240 100
120 13.4 6.5 9.7#
236 25.9 20.6 31.0



#78
Pyrene
Concen: 2.125 ng
RT: 19.475 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

Tgt Ion:202 Resp: 138749
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 17.1 14.2 21.2

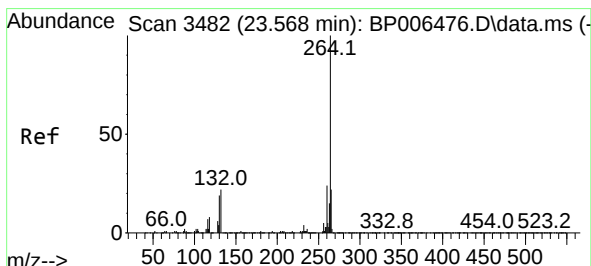
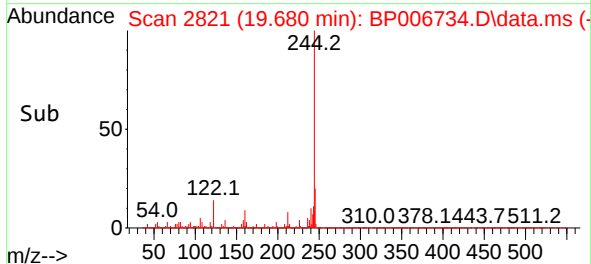
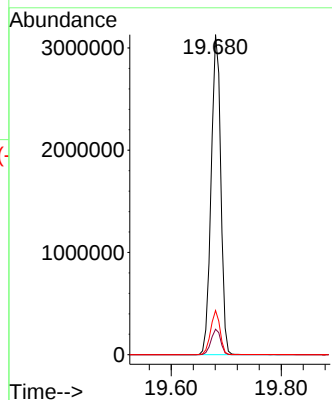
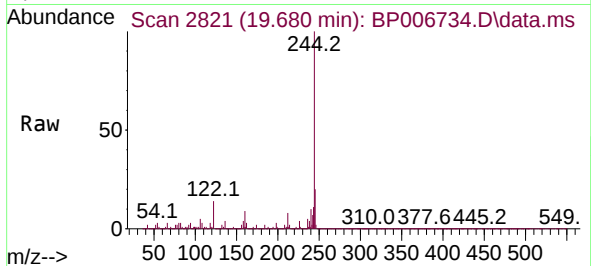




#79
Terphenyl-d14
Concen: 77.668 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

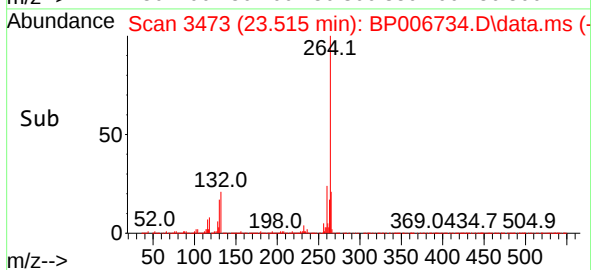
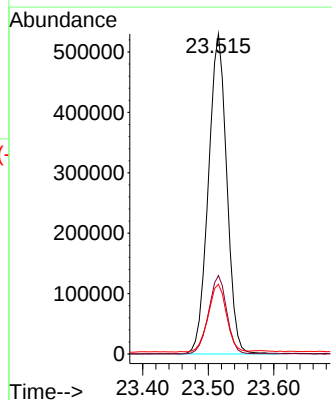
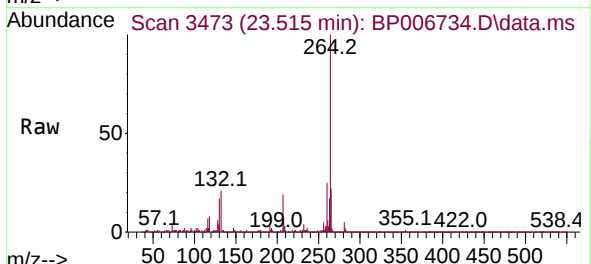
Instrument :
BNA_P
ClientSampled :
WC-4

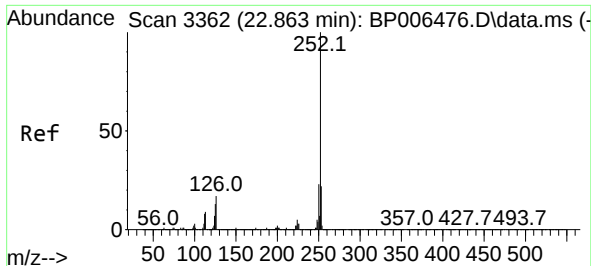
Tgt Ion:244 Resp: 3788428
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 13.8 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

Tgt Ion:264 Resp: 1032802
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 21.8 17.6 26.4

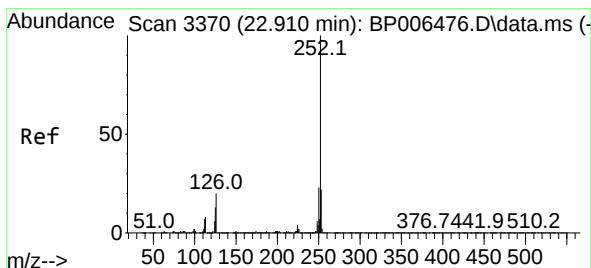
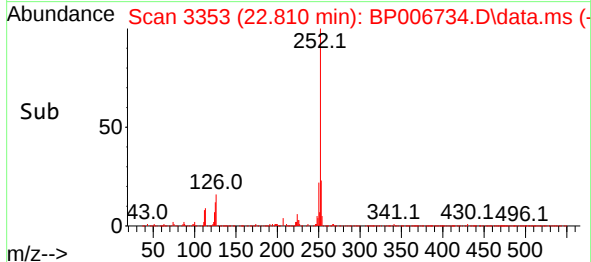
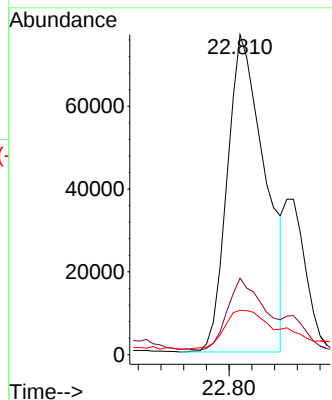
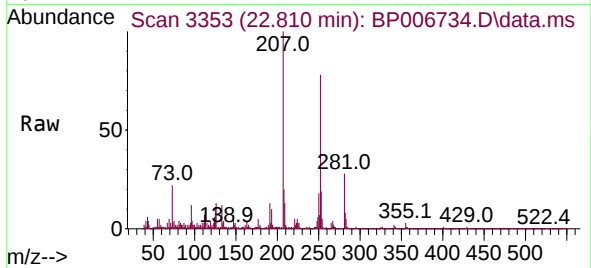




#88
Benzo(b)fluoranthene
Concen: 2.633 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.012 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

Instrument :
BNA_P
ClientSampled :
WC-4

Tgt Ion:252 Resp: 176707
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 13.8 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.742 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.065 min
Lab File: BP006734.D
Acq: 18 Aug 2021 00:19

Tgt Ion:252 Resp: 176707
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 13.8 6.0 9.0#

