

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
 Data File : BP005238.D
 Acq On : 08 Apr 2021 16:25
 Operator : CG/JU
 Sample : M1951-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-2021-04-05_SWRE

Quant Time: Apr 08 17:41:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

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

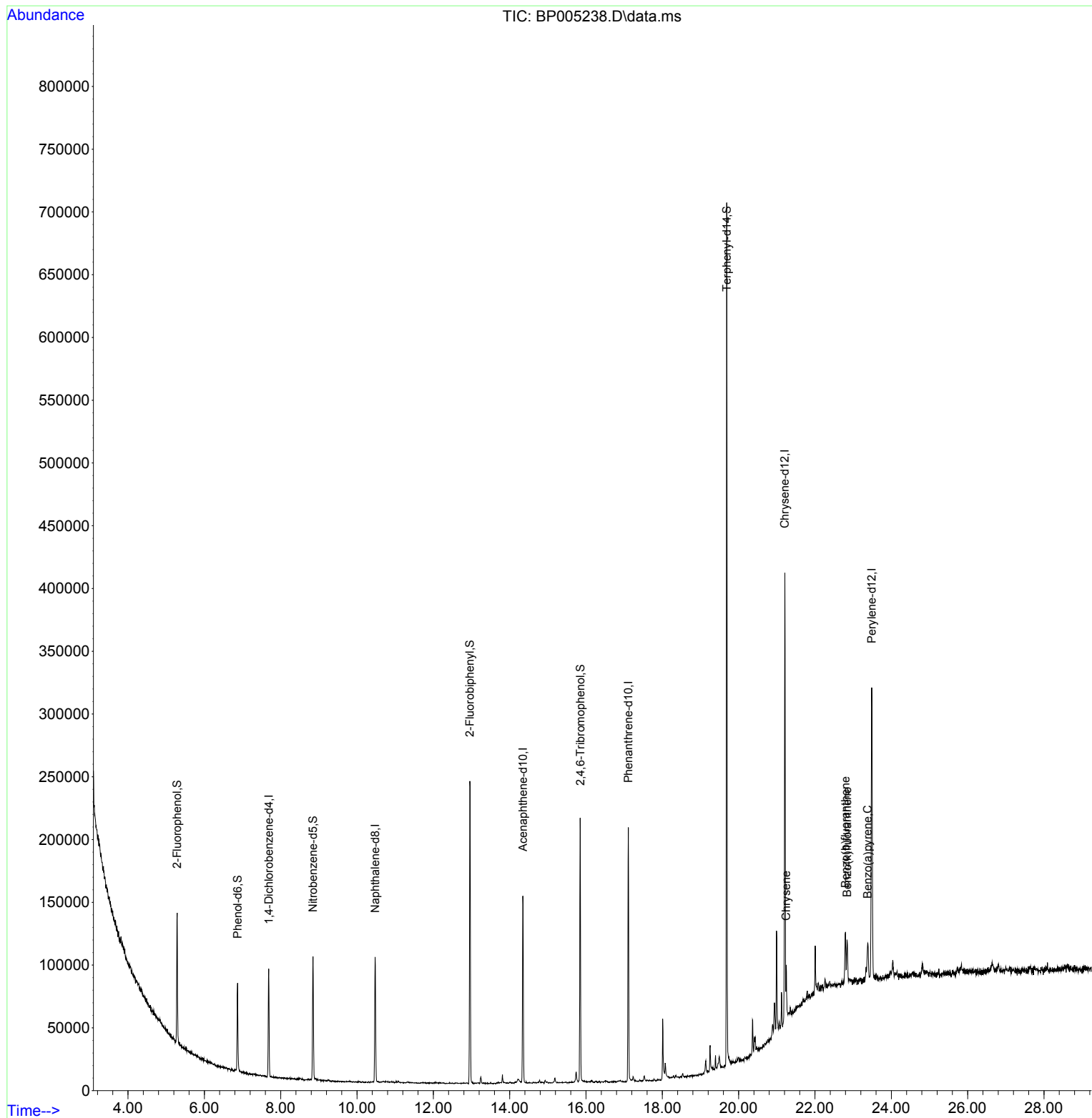
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	22291	20.00	ng	# 0.00
21) Naphthalene-d8	10.475	136	78138	20.00	ng	#-0.01
39) Acenaphthene-d10	14.345	164	48685	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	115376	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	157961	20.00	ng	0.00
86) Perylene-d12	23.486	264	170381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	44942	31.03	ng	0.00
7) Phenol-d6	6.869	99	39858	19.21	ng	-0.01
23) Nitrobenzene-d5	8.846	82	60662	33.31	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	40536	63.90	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	122612	34.07	ng	-0.01
79) Terphenyl-d14	19.686	244	318027	36.65	ng	0.00
Target Compounds						
83) Chrysene	21.245	228	23318	2.21	ng	Qvalue 98
88) Benzo(b)fluoranthene	22.798	252	28437	2.35	ng	98
89) Benzo(k)fluoranthene	22.845	252	29673	2.56	ng	96
90) Benzo(a)pyrene	23.380	252	22498	2.07	ng	98

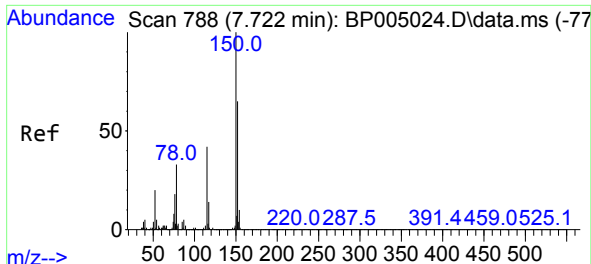
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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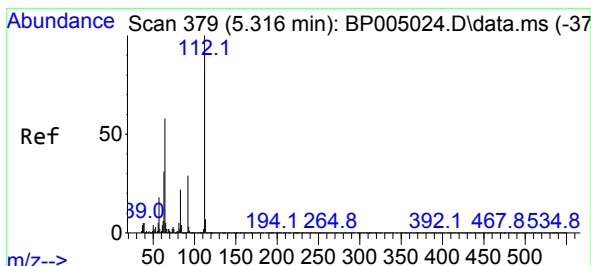
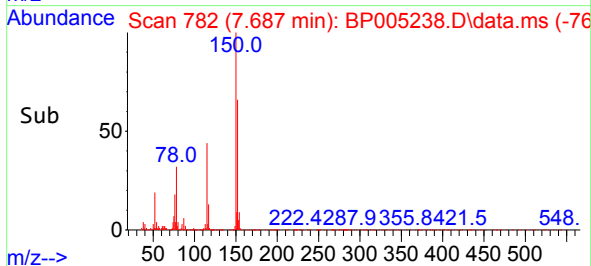
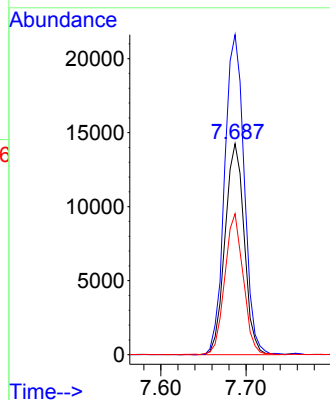
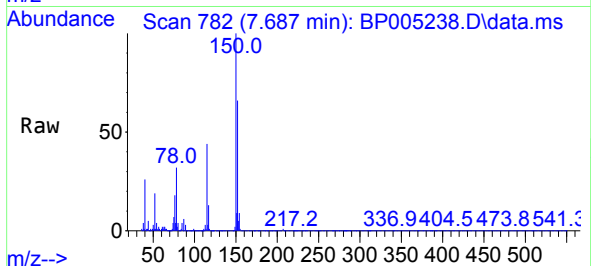




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.006 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

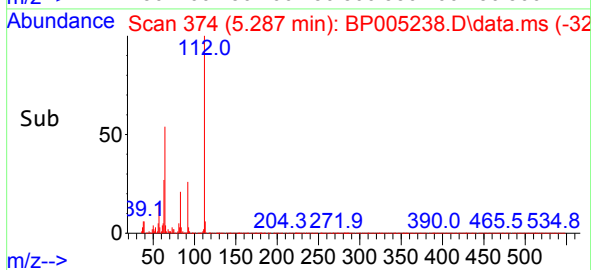
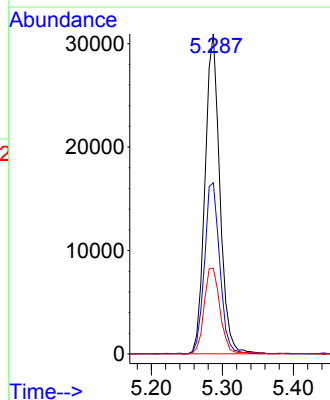
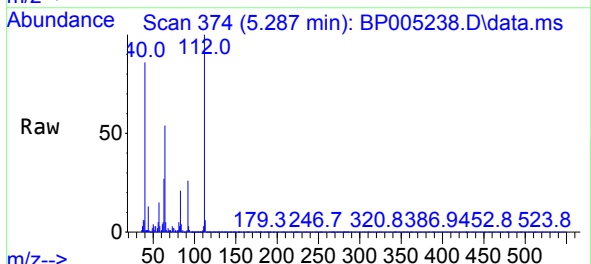
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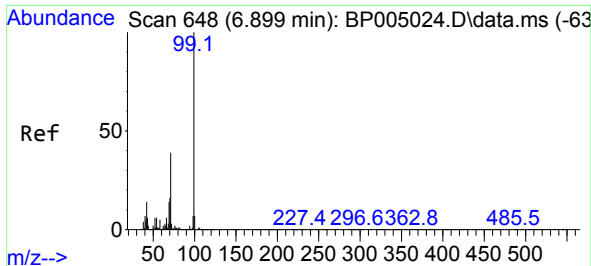
Tgt Ion:152 Resp: 22291
Ion Ratio Lower Upper
152 100
150 151.6 123.8 185.6
115 66.8 43.8 65.6#



#5
2-Fluorophenol
Concen: 31.03 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.006 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

Tgt Ion:112 Resp: 44942
Ion Ratio Lower Upper
112 100
64 53.5 32.8 49.2#
63 26.8 17.0 25.4#

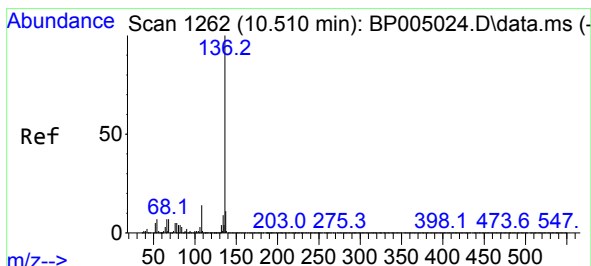
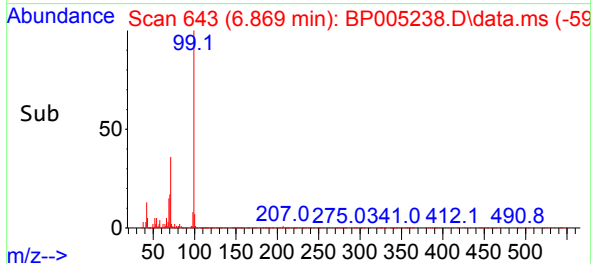
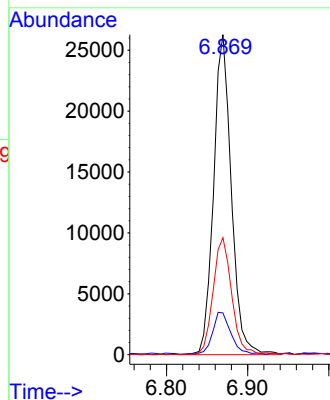
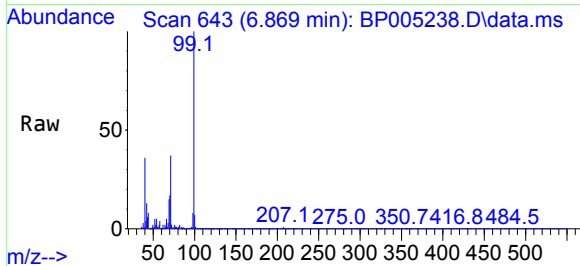




#7
Phenol-d6
Concen: 19.21 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.012 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

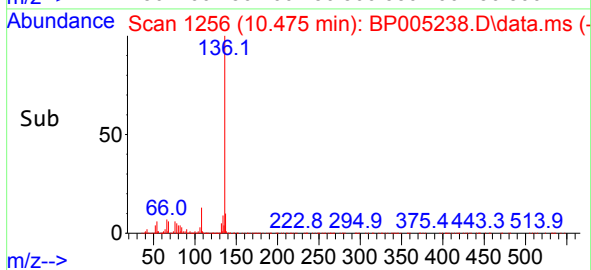
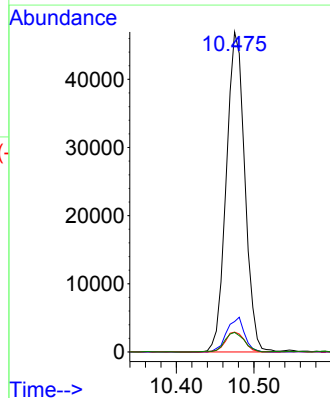
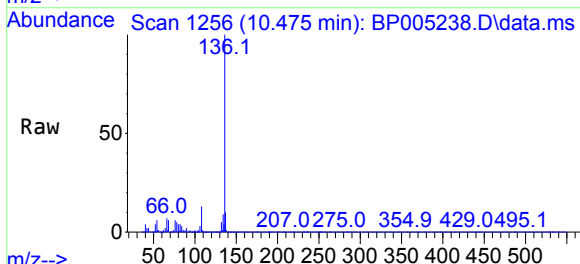
Instrument :
BNA_P
ClientSampleId :
EB-2021-04-05_SWRE

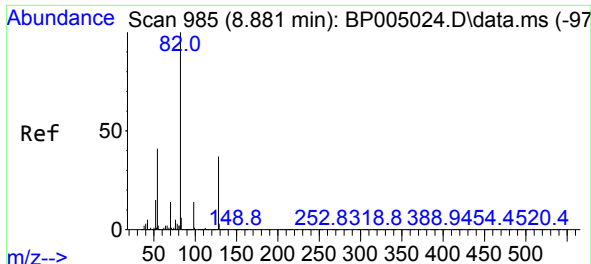
Tgt Ion:	99	Resp:	39858
Ion	Ratio	Lower	Upper
99	100		
42	13.1	8.6	13.0#
71	36.5	23.4	35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

Tgt Ion:	136	Resp:	78138
Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.6	13.0
54	6.2	3.6	5.4#
68	6.1	3.3	4.9#

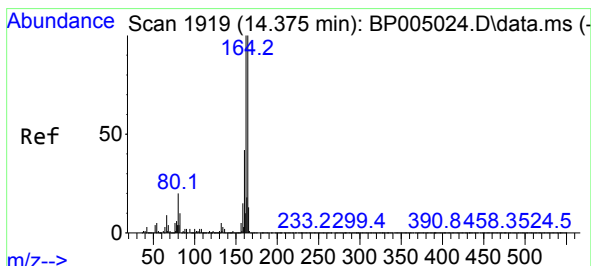
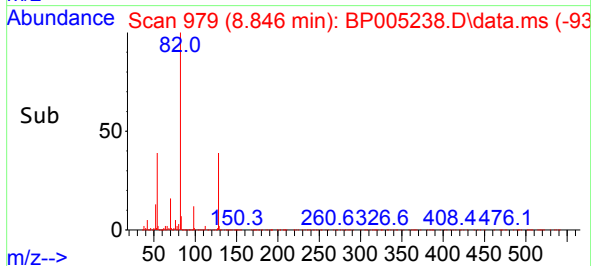
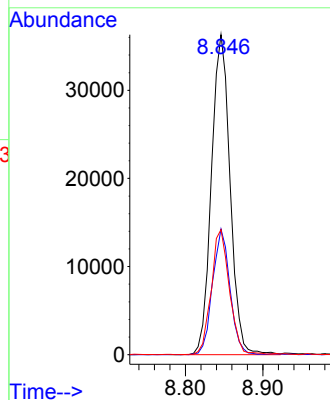
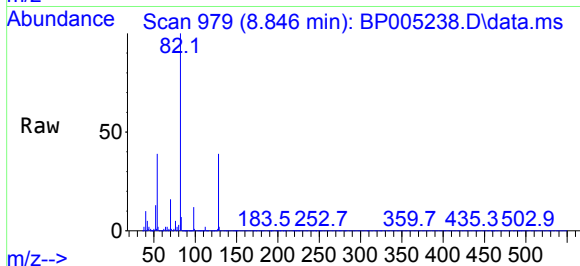




#23
Nitrobenzene-d5
Concen: 33.31 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.012 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

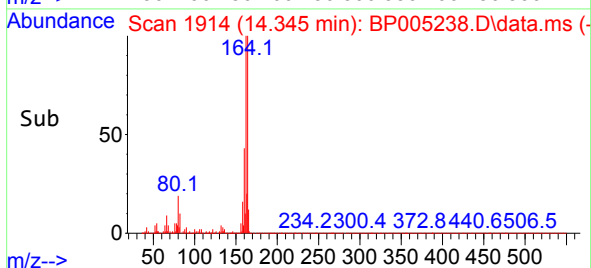
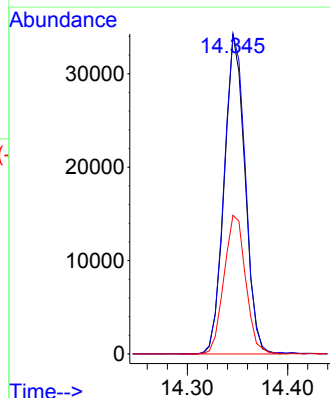
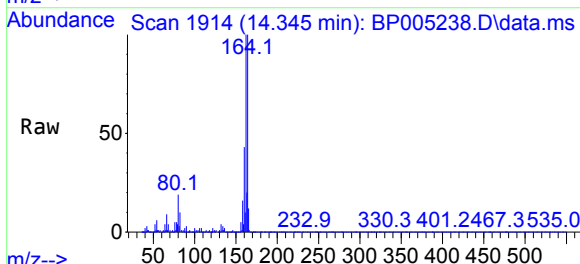
Instrument :
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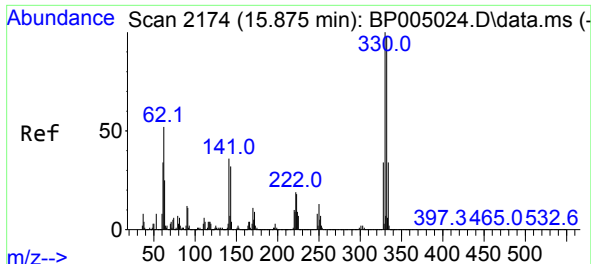
Tgt Ion: 82 Resp: 60662
Ion Ratio Lower Upper
82 100
128 39.2 45.6 68.4#
54 39.1 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

Tgt Ion: 164 Resp: 48685
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.2
160 43.5 36.1 54.1

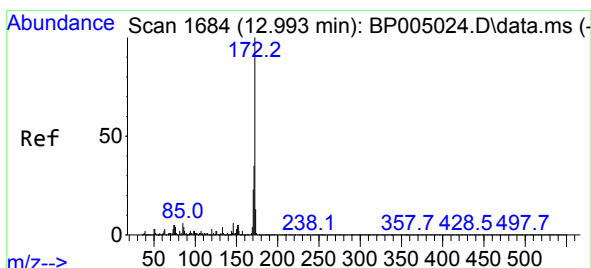
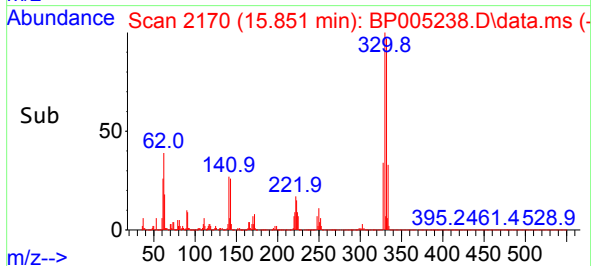
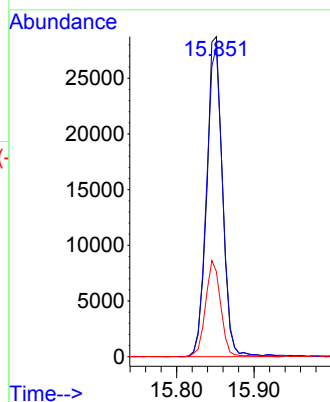
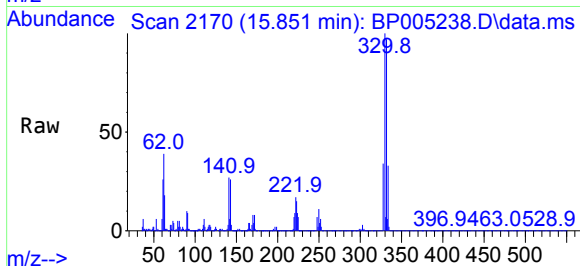




#42
2,4,6-Tribromophenol
Concen: 63.90 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

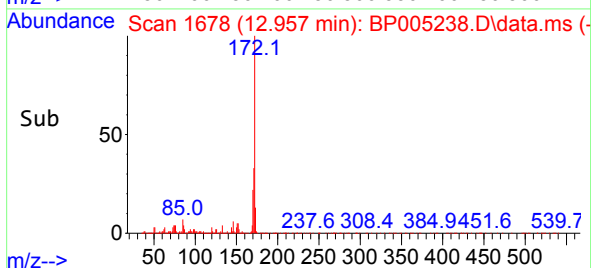
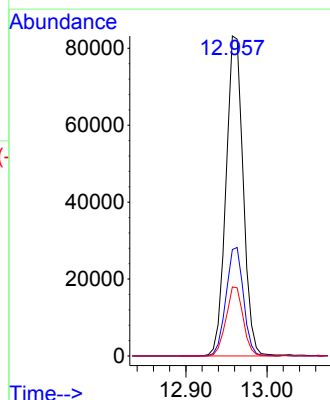
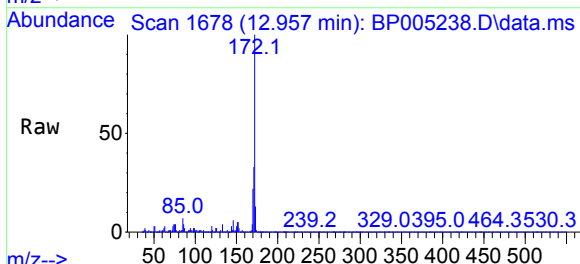
Instrument :
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ClientSampleId :
EB-2021-04-05_SWRE

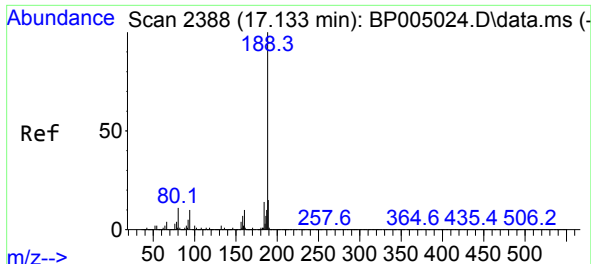
Tgt Ion:330 Resp: 40536
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 28.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 34.07 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

Tgt Ion:172 Resp: 122612
Ion Ratio Lower Upper
172 100
171 33.2 28.5 42.7
170 21.5 19.2 28.8

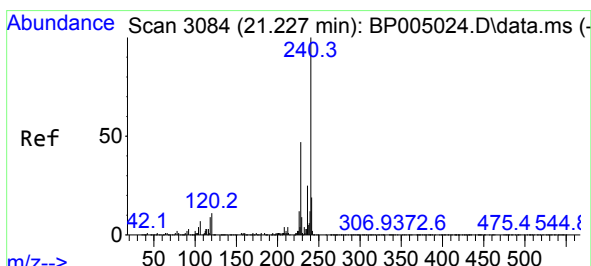
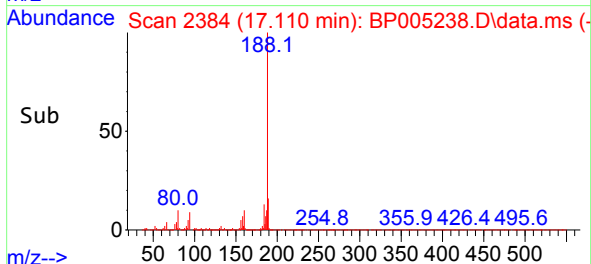
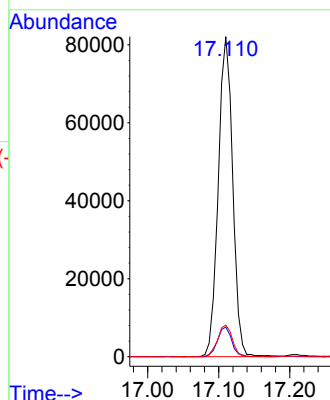
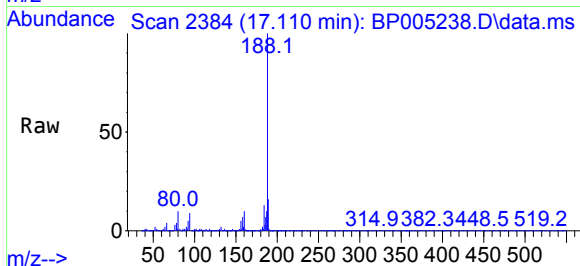




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

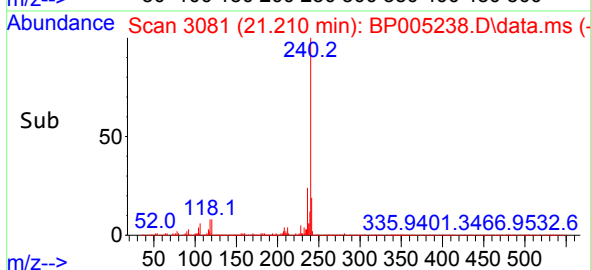
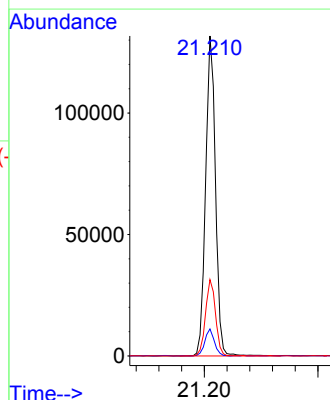
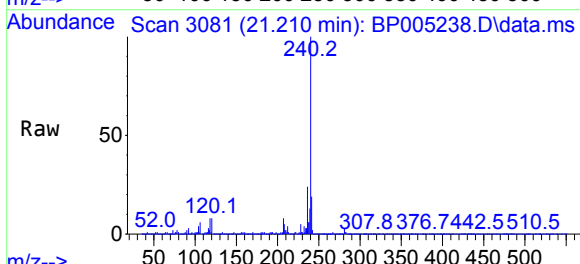
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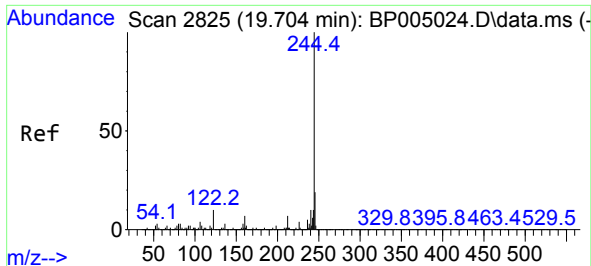
Tgt Ion:188 Resp: 115376
Ion Ratio Lower Upper
188 100
94 9.2 6.2 9.2
80 9.8 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

Tgt Ion:240 Resp: 157961
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 23.9 20.8 31.2

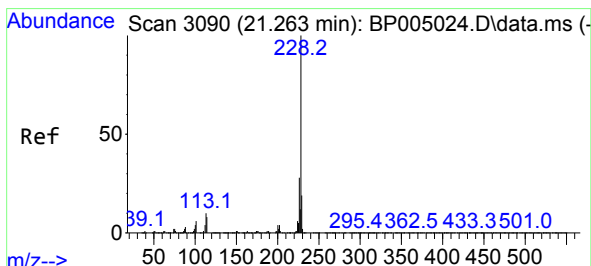
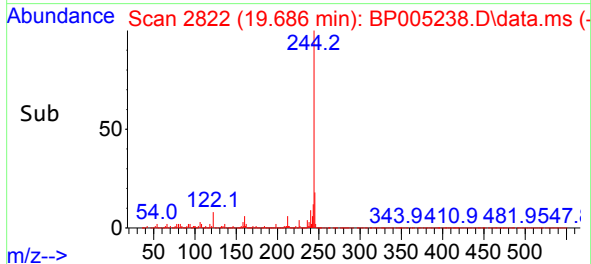
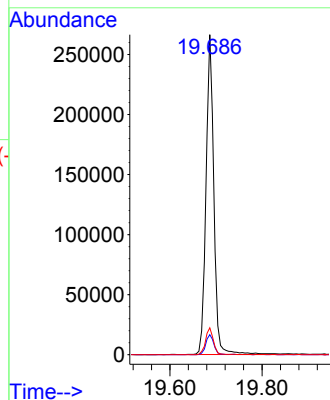
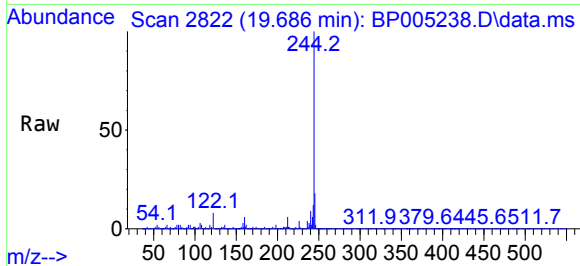




#79
Terphenyl-d14
Concen: 36.65 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

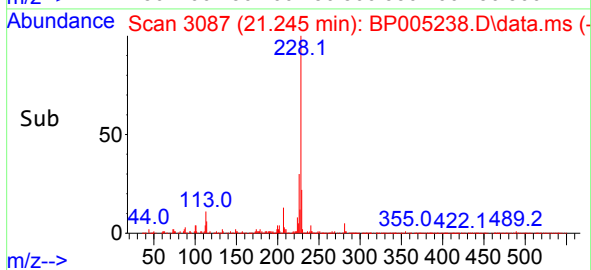
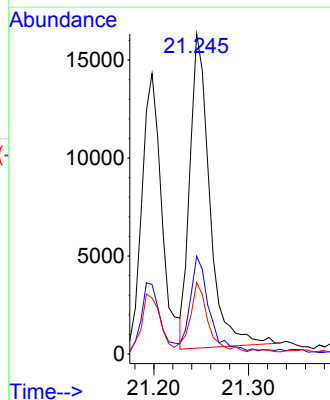
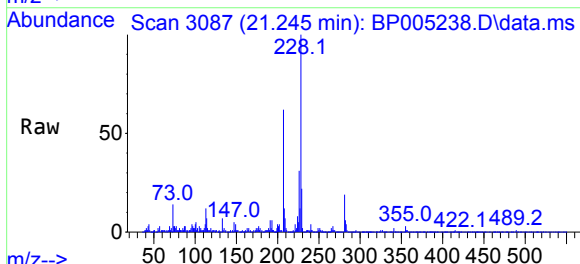
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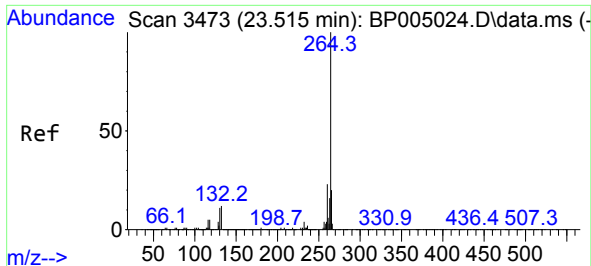
Tgt Ion:244 Resp: 318027
Ion Ratio Lower Upper
244 100
212 6.2 5.8 8.6
122 8.4 7.8 11.8



#83
Chrysene
Concen: 2.21 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

Tgt Ion:228 Resp: 23318
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 22.3 15.8 23.6

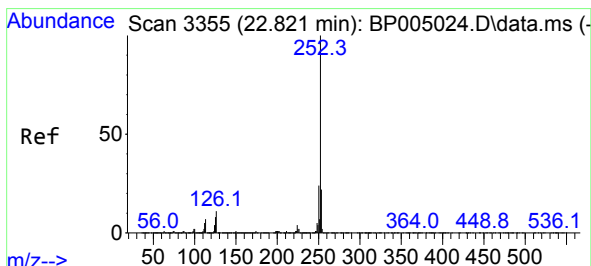
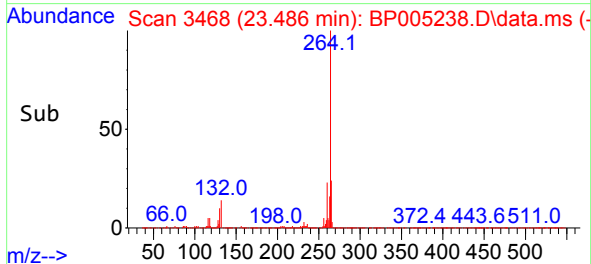
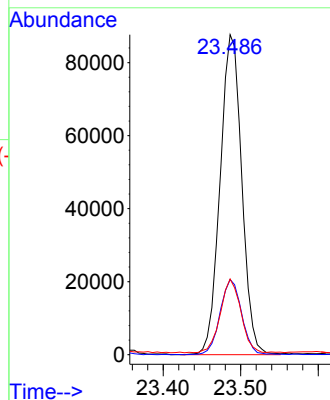
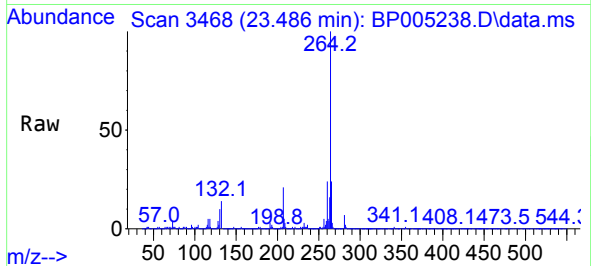




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. -0.006 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

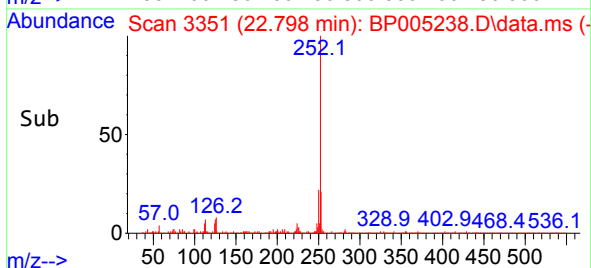
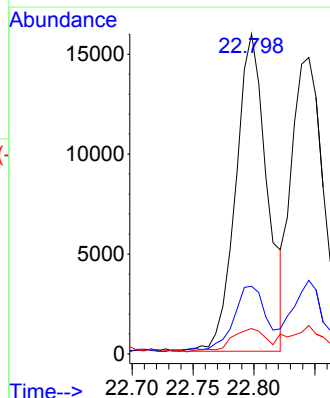
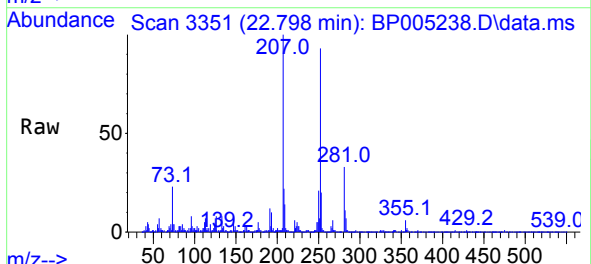
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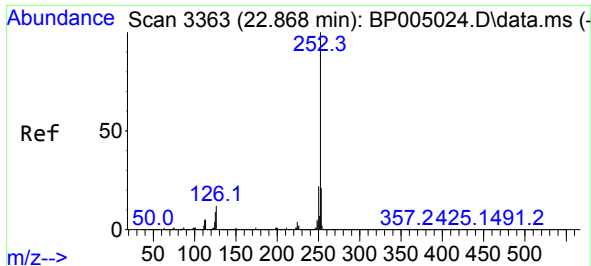
Tgt Ion:264 Resp: 170381
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 23.7 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 2.35 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.006 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

Tgt Ion:252 Resp: 28437
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 8.0 7.3 10.9

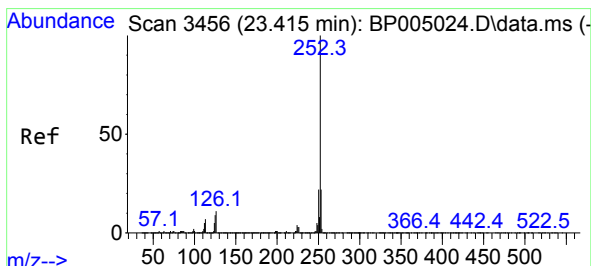
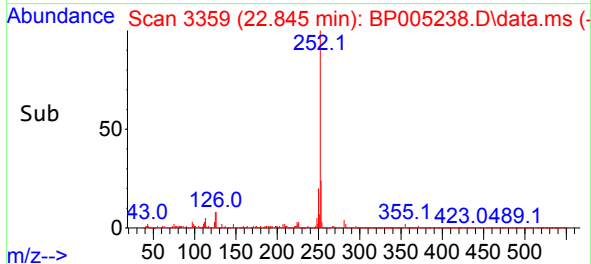
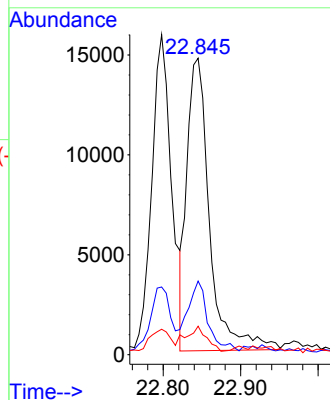
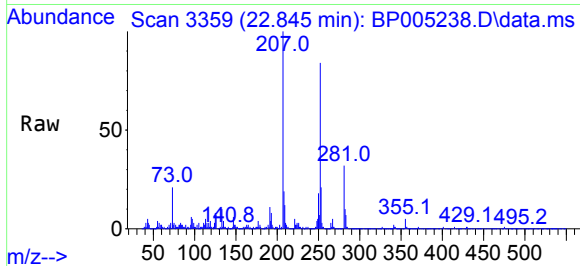




#89
Benzo(k)fluoranthene
Concen: 2.56 ng
RT: 22.845 min Scan# 3359
Delta R.T. -0.006 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

Instrument :
BNA_P
ClientSampleId :
EB-2021-04-05_SWRE

Tgt Ion:	252	Resp:	29673
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.8	26.8
125	9.6	7.4	11.2



#90
Benzo(a)pyrene
Concen: 2.07 ng
RT: 23.380 min Scan# 3450
Delta R.T. -0.012 min
Lab File: BP005238.D
Acq: 08 Apr 2021 16:25

Tgt Ion:	252	Resp:	22498
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	10.6	8.2	12.4

