

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
 Data File : BP005529.D
 Acq On : 13 May 2021 20:35
 Operator : CG/JU
 Sample : M2370-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 367

Quant Time: May 14 02:13:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

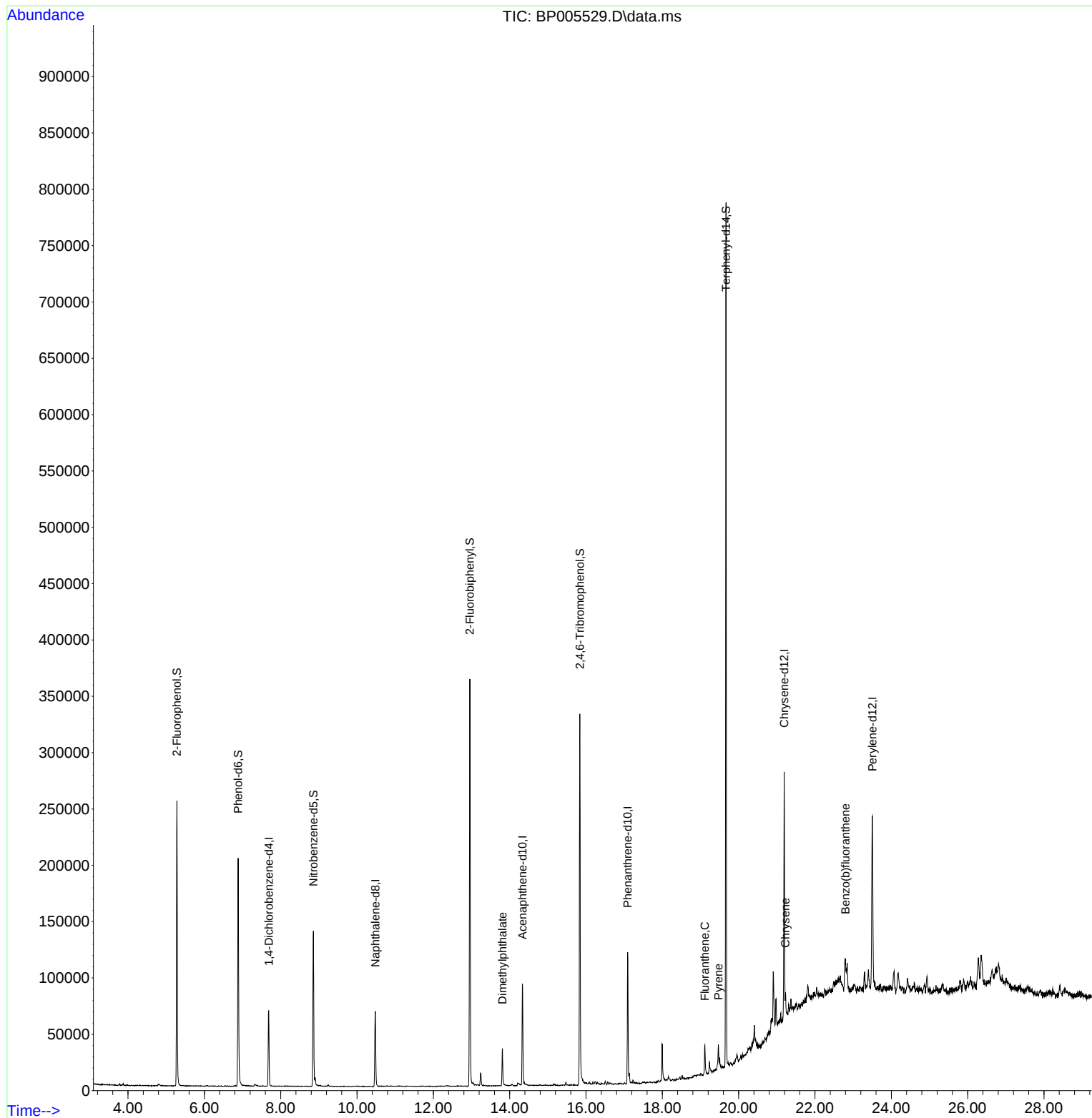
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	13932	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	41644	20.00	ng	#-0.01
39) Acenaphthene-d10	14.334	164	28027	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	64363	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	92593	20.00	ng	0.00
86) Perylene-d12	23.504	264	123192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	73479	101.22	ng	0.00
7) Phenol-d6	6.887	99	79181	87.47	ng	0.00
23) Nitrobenzene-d5	8.857	82	69454	65.64	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	66373	83.45	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	153853	61.92	ng	-0.01
79) Terphenyl-d14	19.669	244	296914	54.46	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.810	163	19709	8.15	ng	96
75) Fluoranthene	19.116	202	14167	2.82	ng	95
78) Pyrene	19.469	202	13296	2.54	ng	96
83) Chrysene	21.227	228	11992	2.06	ng	94
88) Benzo(b)fluoranthene	22.798	252	21810	2.66	ng	94

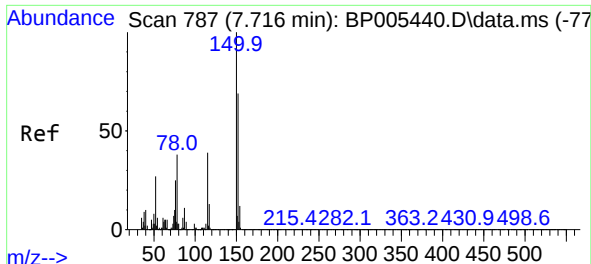
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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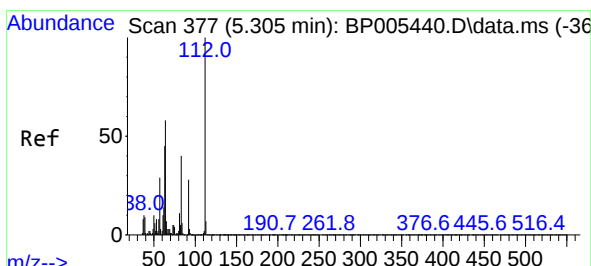
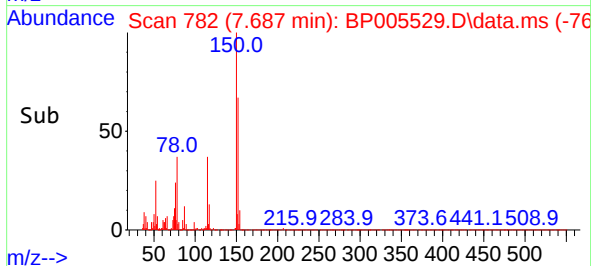
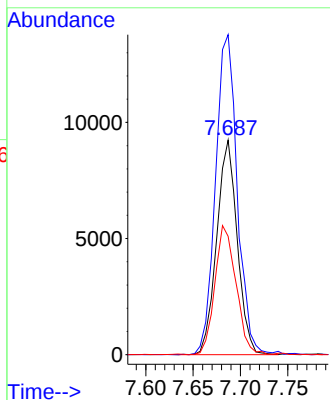
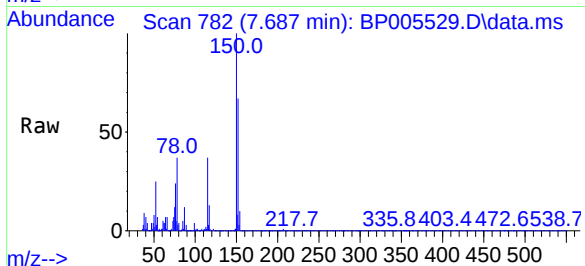




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

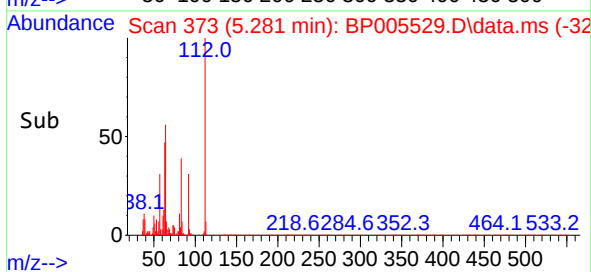
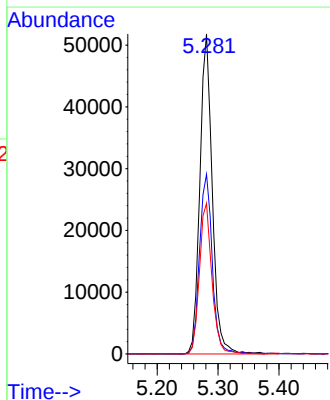
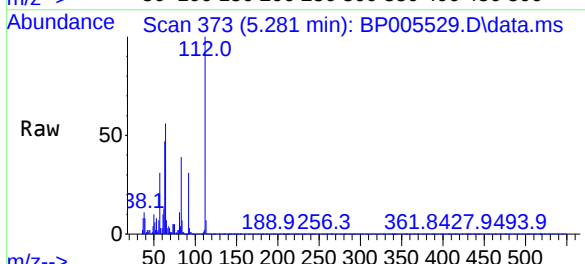
Instrument :
BNA_P
ClientSampleId :
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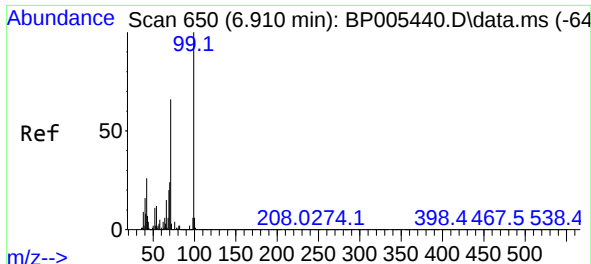
Tgt Ion:152 Resp: 13932
Ion Ratio Lower Upper
152 100
150 149.1 119.8 179.8
115 55.2 49.0 73.4



#5
2-Fluorophenol
Concen: 101.22 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

Tgt Ion:112 Resp: 73479
Ion Ratio Lower Upper
112 100
64 56.2 33.6 50.4#
63 47.1 18.6 27.8#

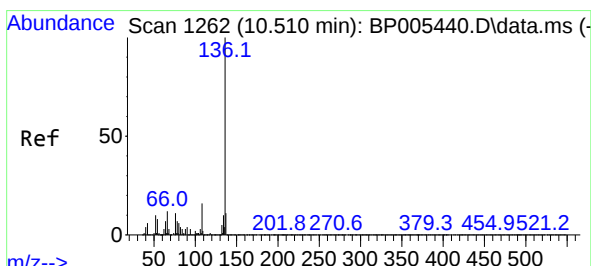
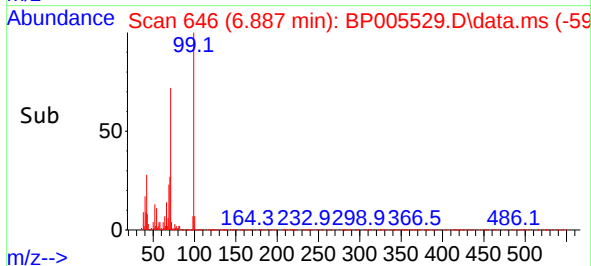
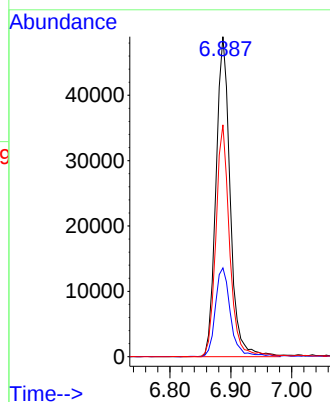
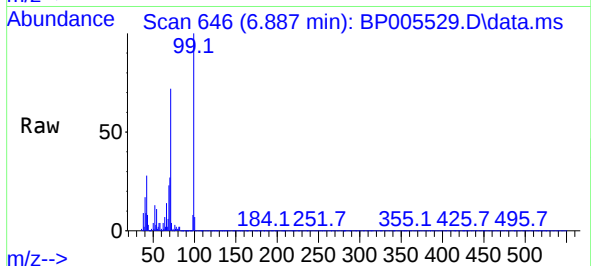




#7
Phenol-d6
Concen: 87.47 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

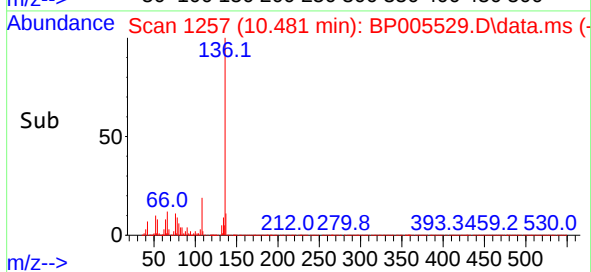
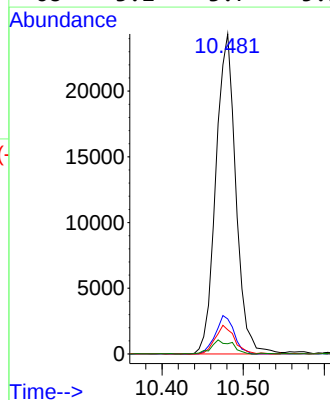
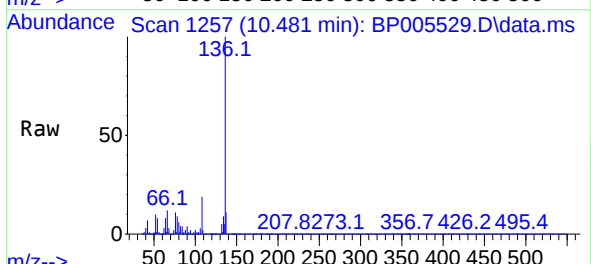
Instrument :
BNA_P
ClientSampleId :
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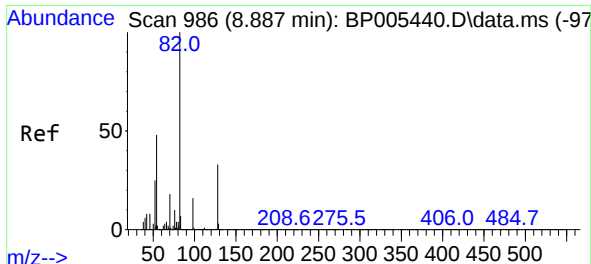
Tgt Ion:	99	Resp:	79181
Ion	Ratio	Lower	Upper
99	100		
42	27.7	12.9	19.3#
71	72.4	26.7	40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

Tgt Ion:	136	Resp:	41644
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	5.0	7.4#
68	3.2	3.7	5.5#

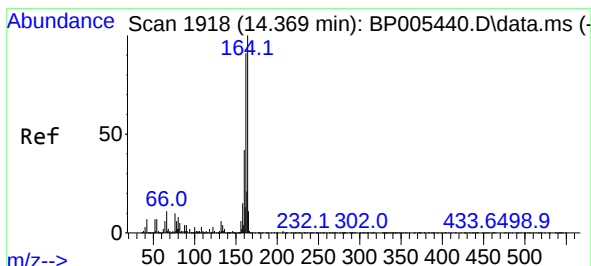
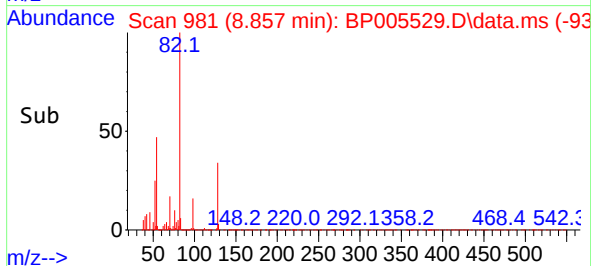
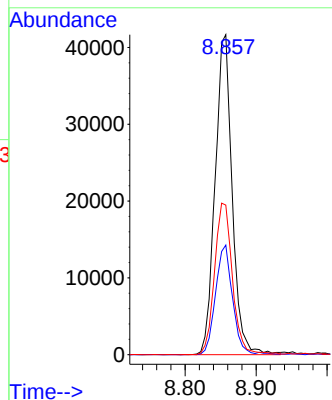
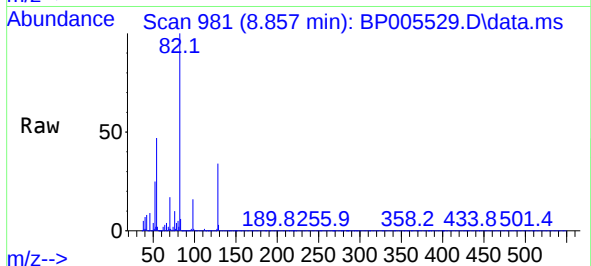




#23
Nitrobenzene-d5
Concen: 65.64 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

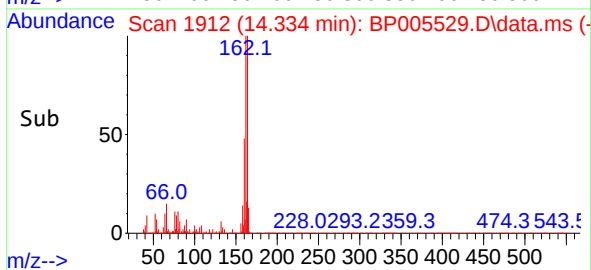
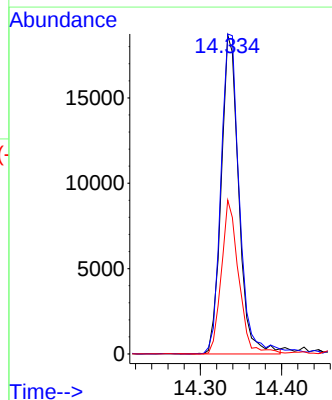
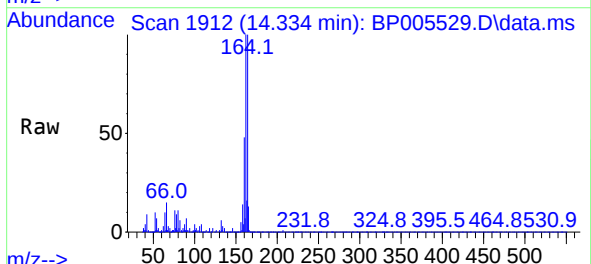
Instrument :
BNA_P
ClientSampleId :
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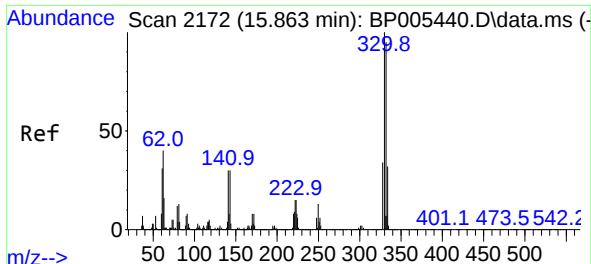
Tgt Ion: 82 Resp: 69454
Ion Ratio Lower Upper
82 100
128 34.3 30.5 45.7
54 46.7 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

Tgt Ion: 164 Resp: 28027
Ion Ratio Lower Upper
164 100
162 100.5 73.5 110.3
160 48.3 40.6 61.0

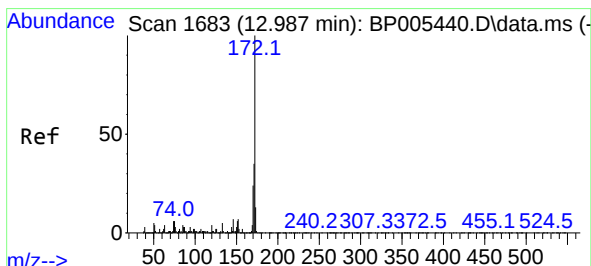
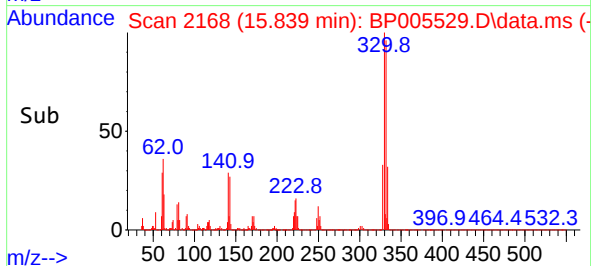
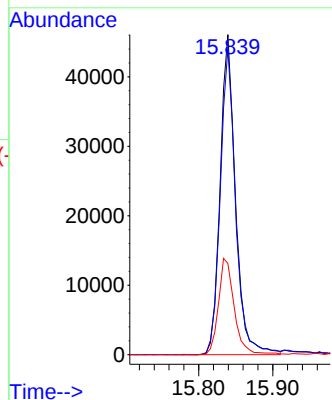
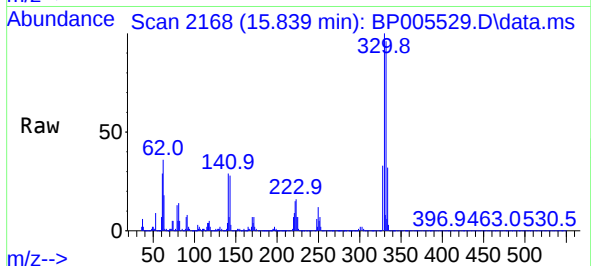




#42
2,4,6-Tribromophenol
Concen: 83.45 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

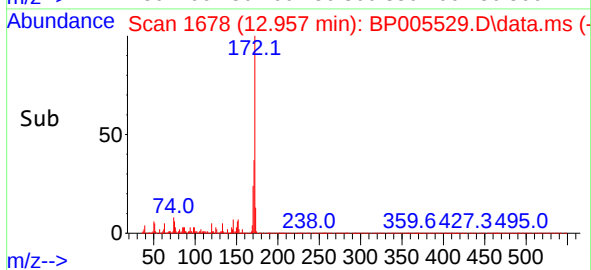
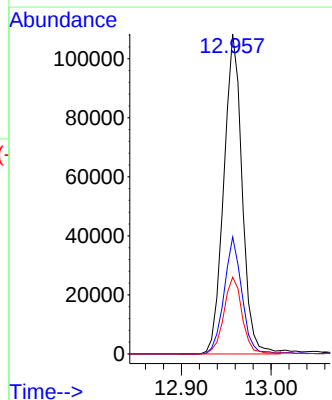
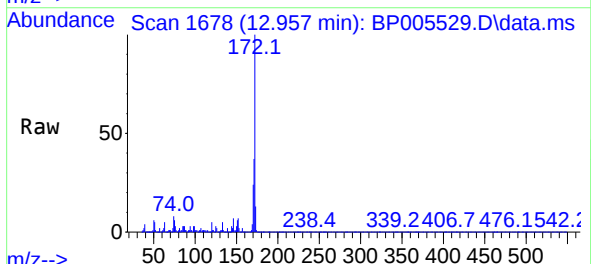
Instrument :
BNA_P
ClientSampleId :
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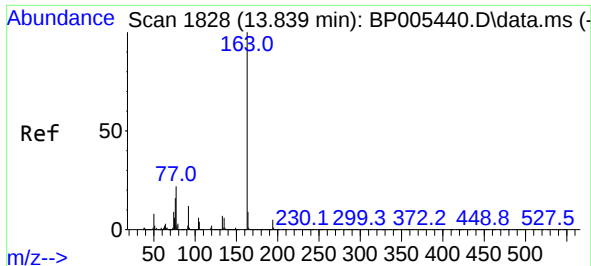
Tgt Ion:330 Resp: 66373
Ion Ratio Lower Upper
330 100
332 95.8 76.3 114.5
141 31.0 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 61.92 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

Tgt Ion:172 Resp: 153853
Ion Ratio Lower Upper
172 100
171 36.6 28.1 42.1
170 24.0 19.6 29.4

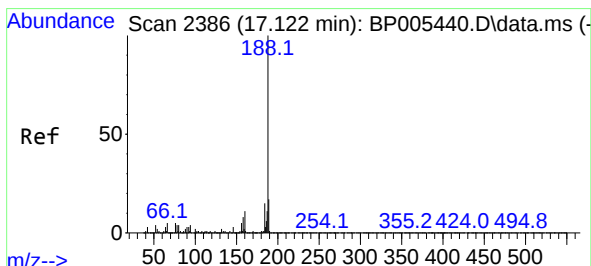
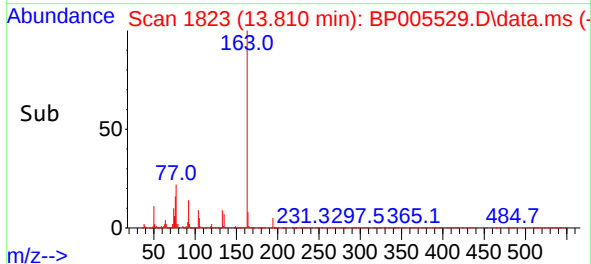
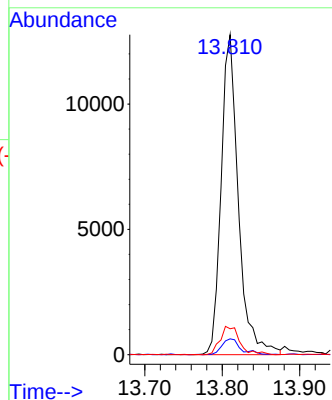
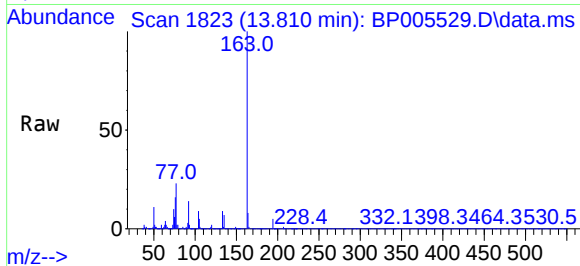




#50
Dimethylphthalate
Concen: 8.15 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

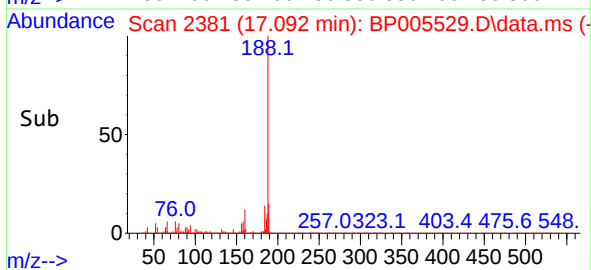
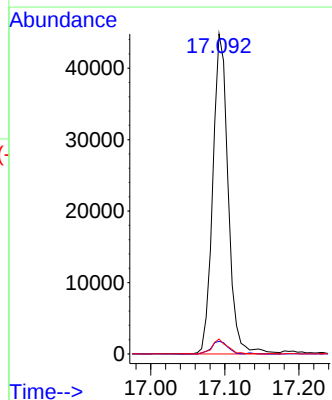
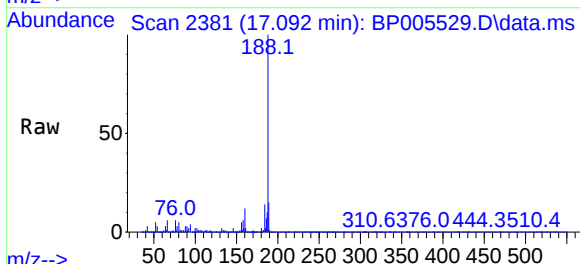
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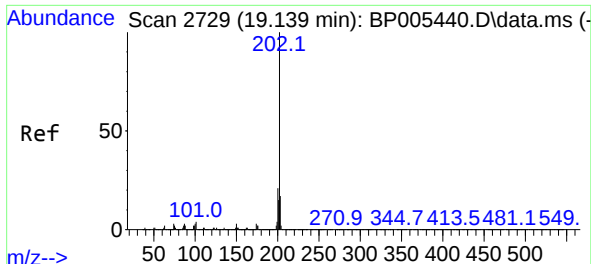
Tgt Ion:163	Resp:	19709
Ion Ratio	Lower	Upper
163	100	
194	5.0	3.9 5.9
164	8.1	8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

Tgt Ion:188	Resp:	64363
Ion Ratio	Lower	Upper
188	100	
94	4.0	5.0 7.6#
80	4.7	5.9 8.9#

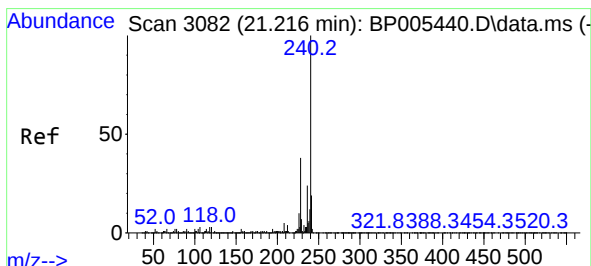
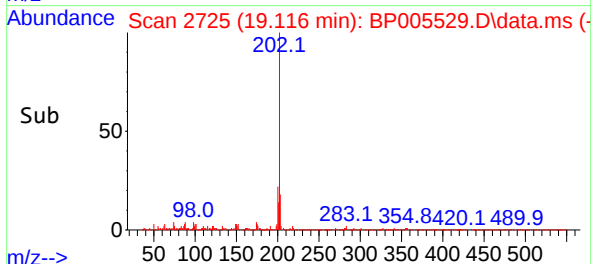
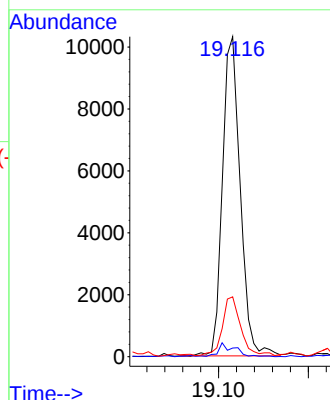
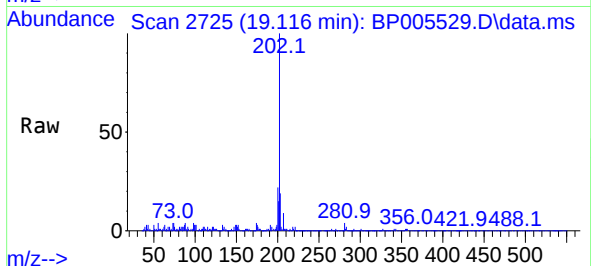




#75
Fluoranthene
Concen: 2.82 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.000 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

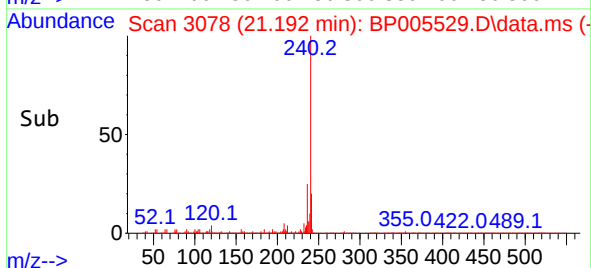
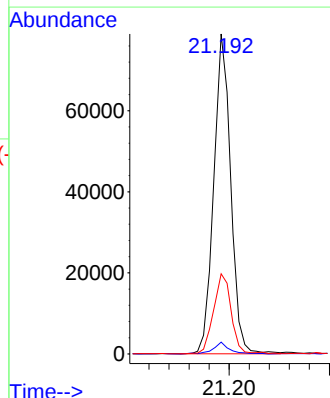
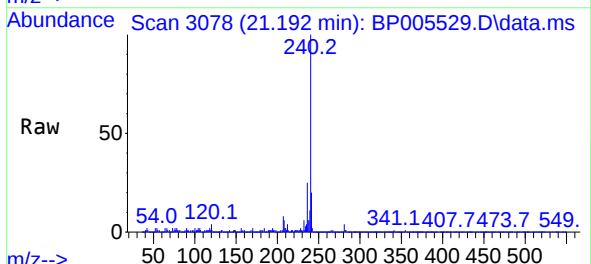
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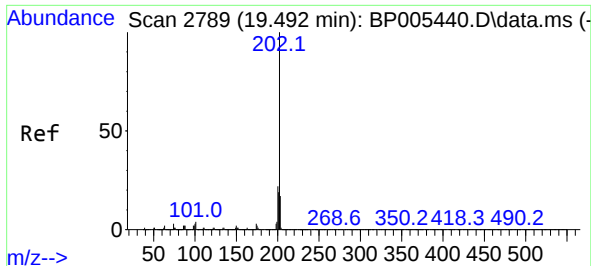
Tgt Ion:	202	Resp:	14167
Ion	Ratio	Lower	Upper
202	100		
101	2.7	0.0	26.1
203	18.7	0.0	37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

Tgt Ion:	240	Resp:	92593
Ion	Ratio	Lower	Upper
240	100		
120	4.6	4.2	6.2
236	25.0	20.2	30.2

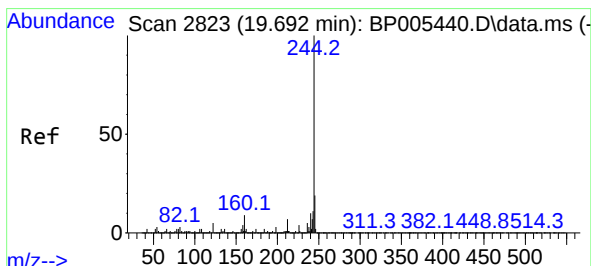
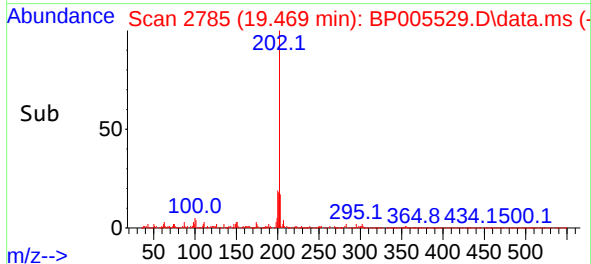
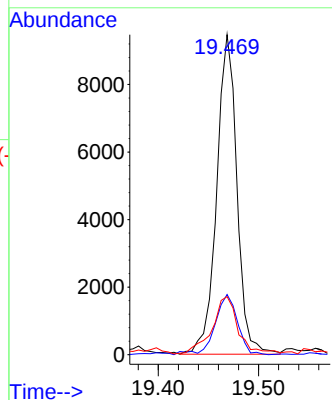
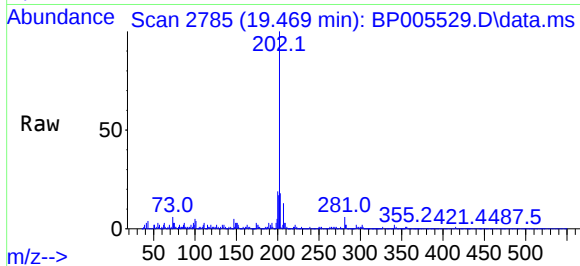




#78
Pyrene
Concen: 2.54 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.000 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

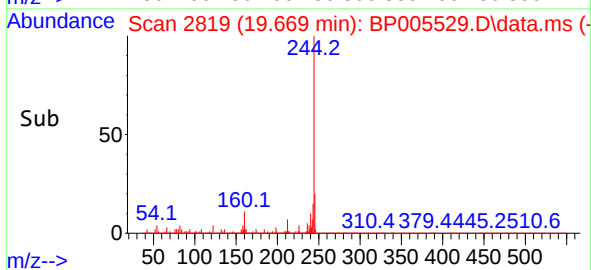
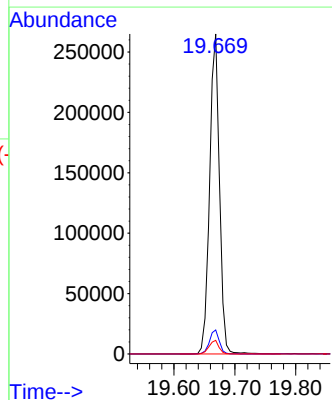
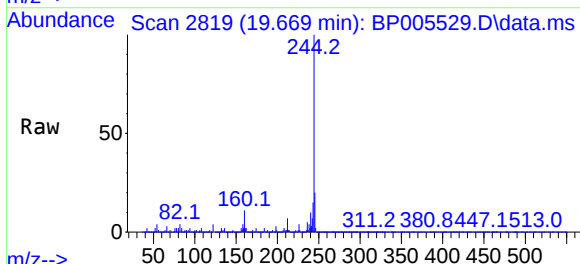
Instrument :
BNA_P
ClientSampleId :
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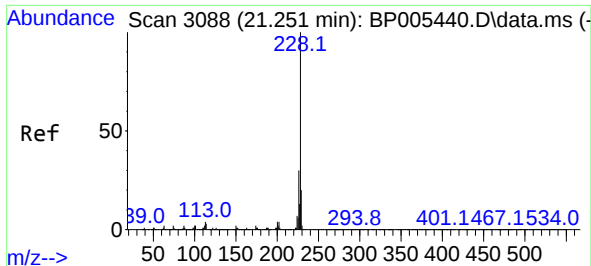
Tgt Ion:	202	Resp:	13296
Ion	Ratio	Lower	Upper
202	100		
200	18.8	16.9	25.3
203	18.1	13.8	20.6



#79
Terphenyl-d14
Concen: 54.46 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

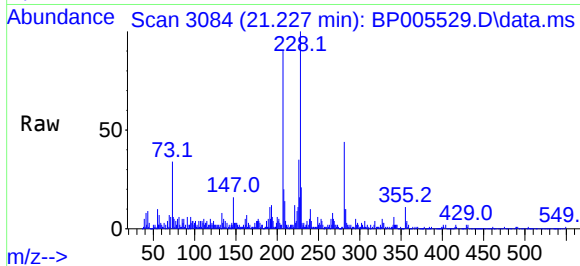
Tgt Ion:	244	Resp:	296914
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	4.3	5.2	7.8#



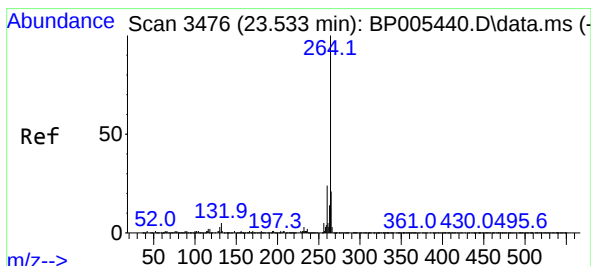
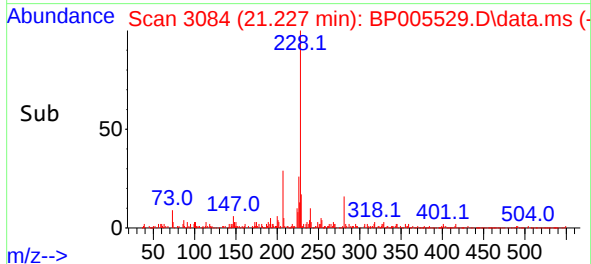
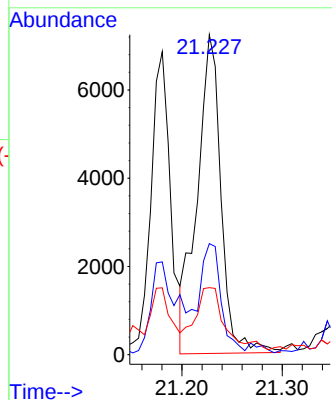


#83
Chrysene
Concen: 2.06 ng
RT: 21.227 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

Instrument :
BNA_P
ClientSampleId :
367

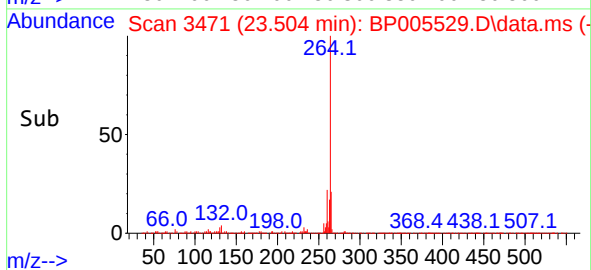
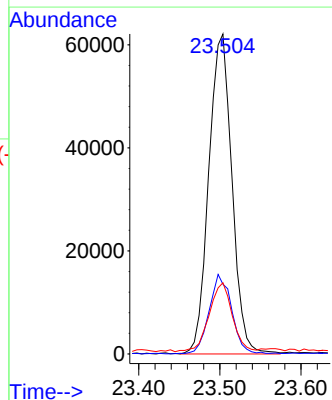
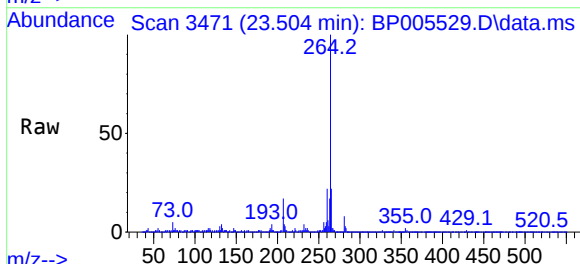


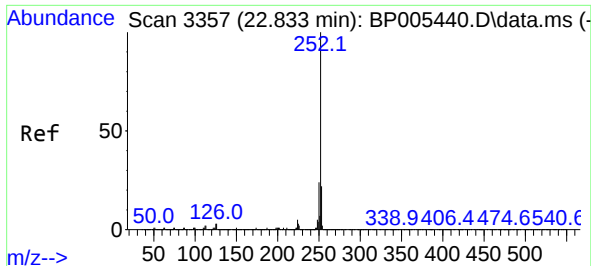
Tgt Ion:228 Resp: 11992
Ion Ratio Lower Upper
228 100
226 34.7 24.8 37.2
229 20.9 15.4 23.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.000 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

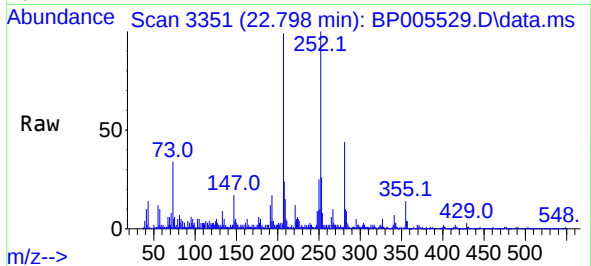
Tgt Ion:264 Resp: 123192
Ion Ratio Lower Upper
264 100
260 21.8 20.6 30.8
265 22.3 19.0 28.6





#88
Benzo(b)fluoranthene
Concen: 2.66 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.000 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

Instrument :
BNA_P
ClientSampleId :
367



Tgt Ion:252 Resp: 21810
Ion Ratio Lower Upper
252 100
253 25.9 18.2 27.2
125 4.0 3.4 5.0

