

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)

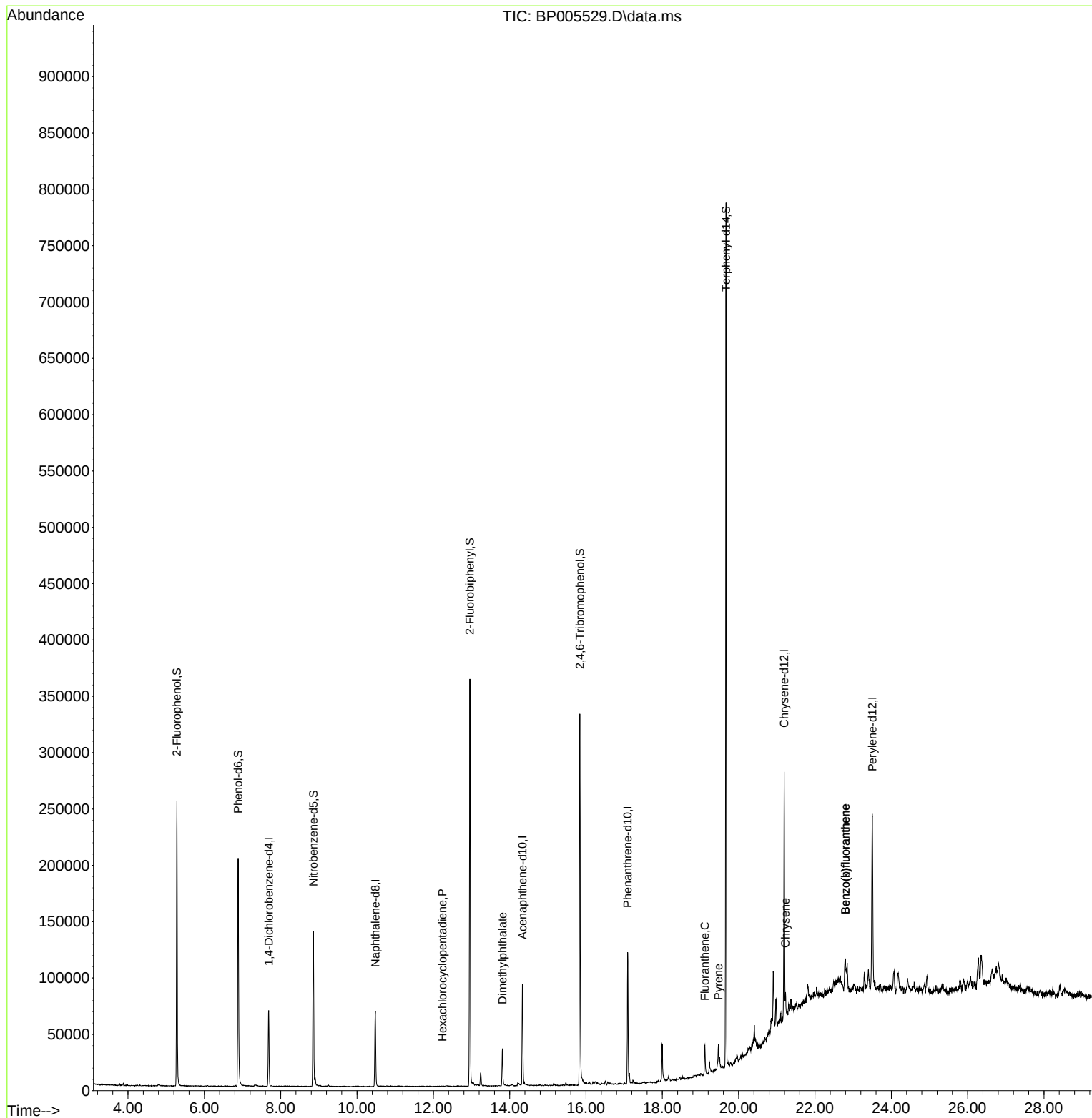
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	13932	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	41644	20.00	ng	#-0.01
39) Acenaphthene-d10	14.334	164	28027	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	64363	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	92593	20.00	ng	0.00
86) Perylene-d12	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
2) 1,4-Dioxane	3.181	88	29	Below Cal	#	1
9) Benzaldehyde	6.822	77	17	Below Cal	#	47
41) Hexachlorocyclopentadiene	12.240	237	13	7.89	ng	92
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
89) Benzo(k)fluoranthene	22.798	252	21810	2.72	ng	# 92

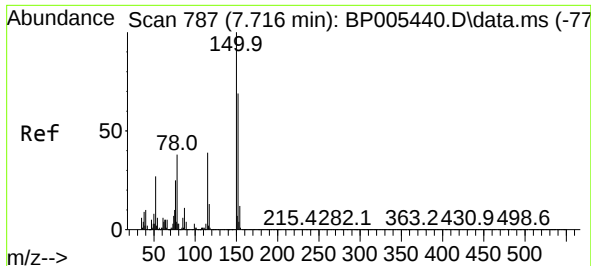
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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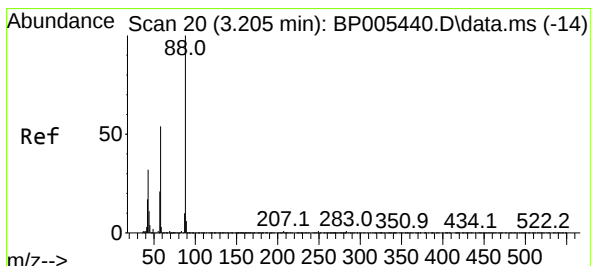
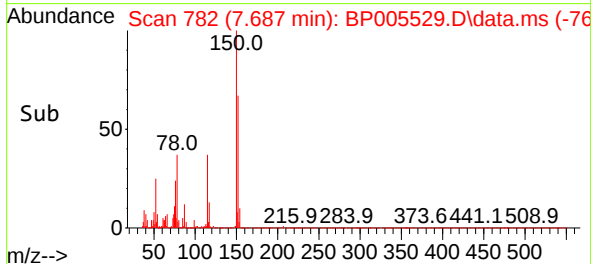
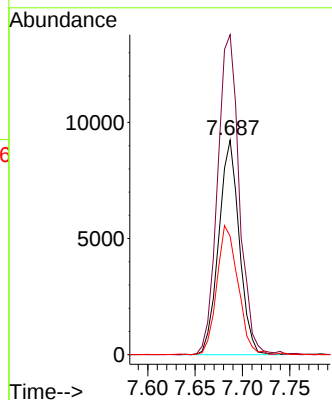
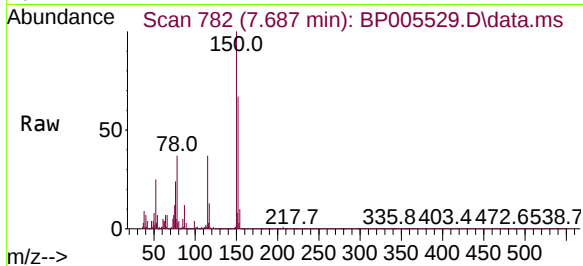




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

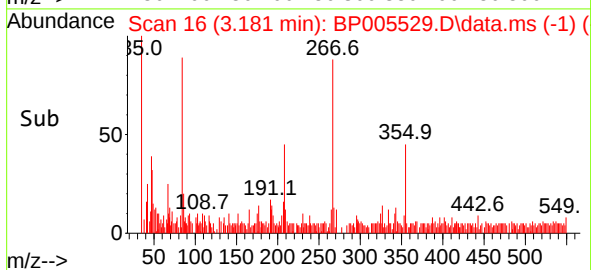
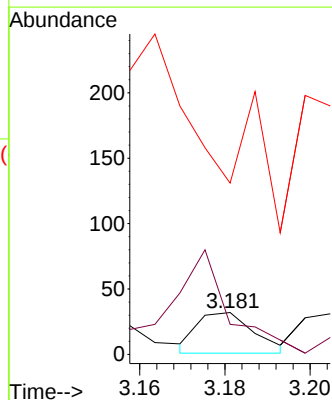
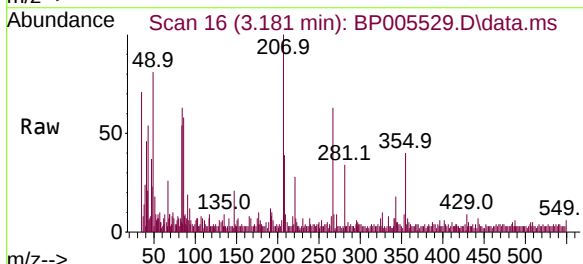
Instrument :
BNA_P
ClientSampleId :
367

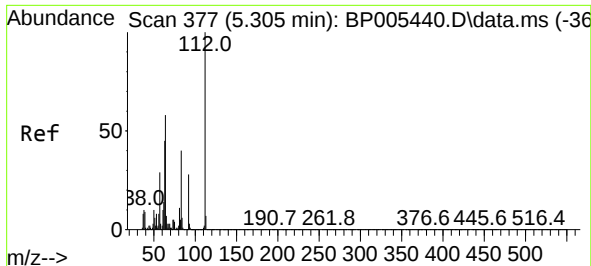
Tgt Ion:152 Resp: 13932
Ion Ratio Lower Upper
152 100
150 149.1 119.8 179.8
115 55.2 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.181 min Scan# 16
Delta R.T. -0.000 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
58 265.5 42.5 63.7#
43 0.0 19.8 29.8#

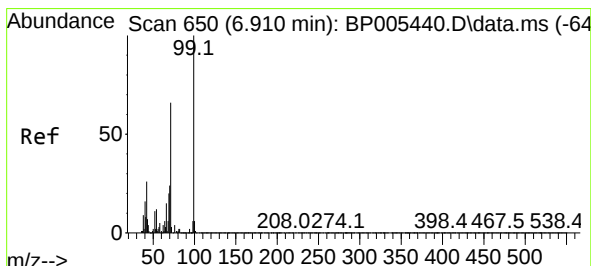
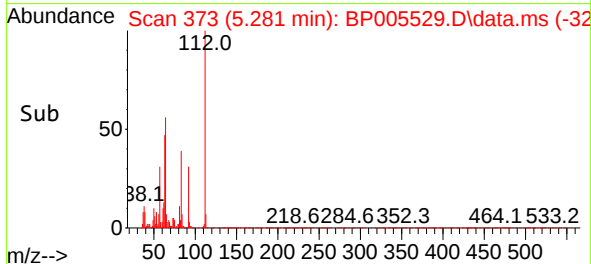
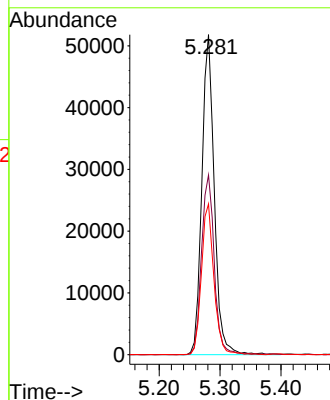
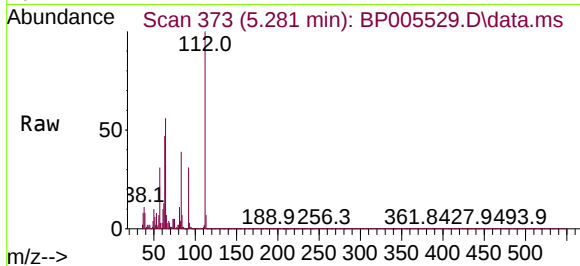




#5
2-Fluorophenol
Concen: 101.22 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

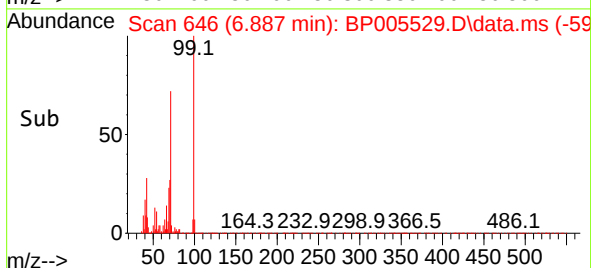
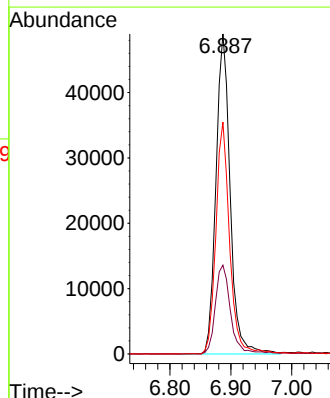
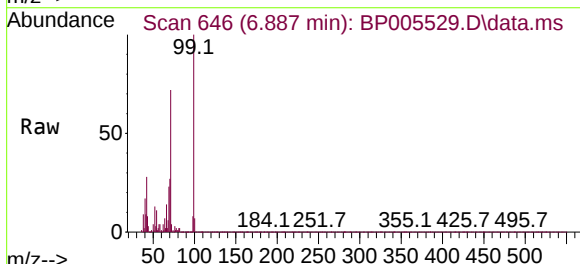
Instrument :
BNA_P
ClientSampleId :
367

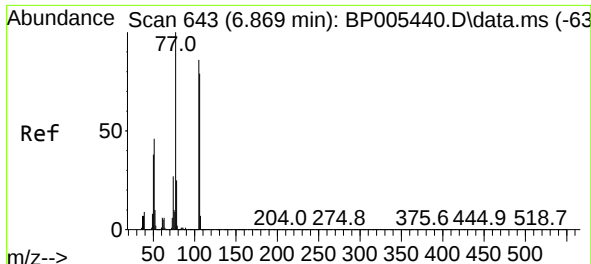
Tgt Ion:112 Resp: 73479
Ion Ratio Lower Upper
112 100
64 56.2 33.6 50.4#
63 47.1 18.6 27.8#



#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

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#

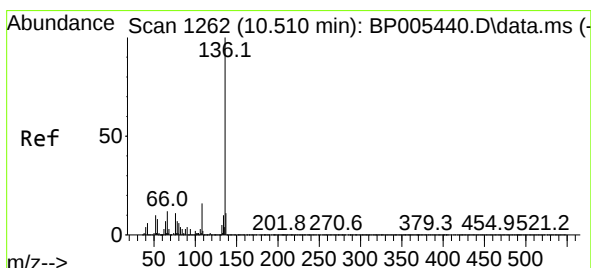
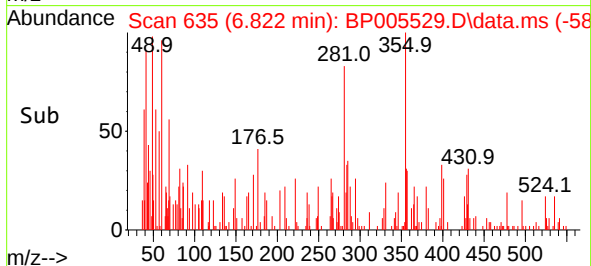
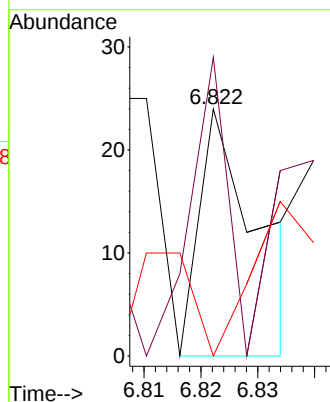
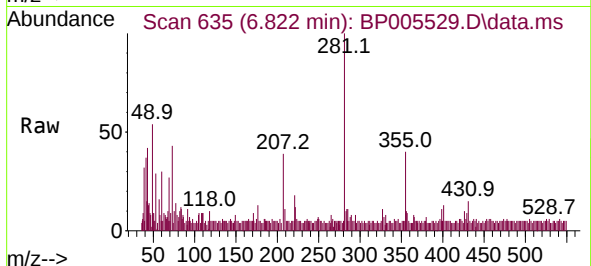




#9
Benzaldehyde
Concen: Below Cal
RT: 6.822 min Scan# 635
Delta R.T. -0.024 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

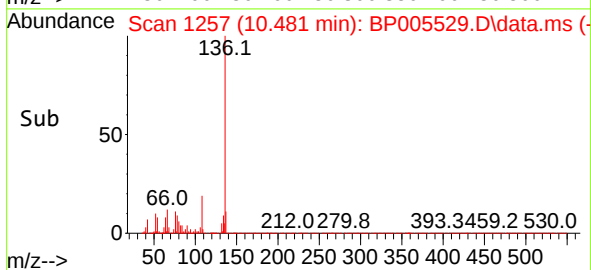
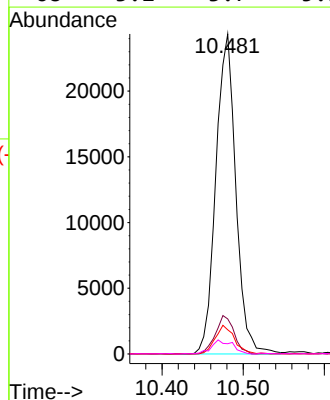
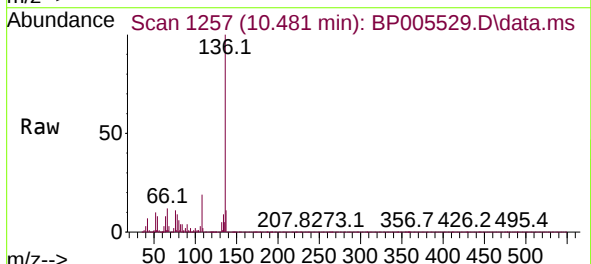
Instrument :
BNA_P
ClientSampleId :
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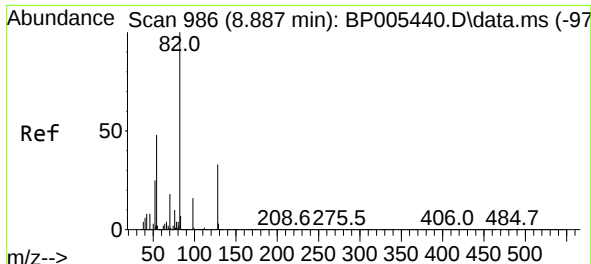
Tgt Ion:	77	Resp:	17
Ion	Ratio	Lower	Upper
77	100		
105	120.8	89.4	129.4
106	0.0	79.9	119.9#



#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#

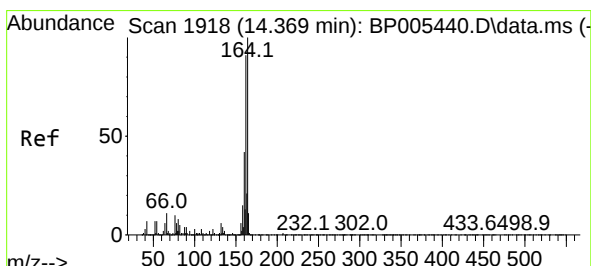
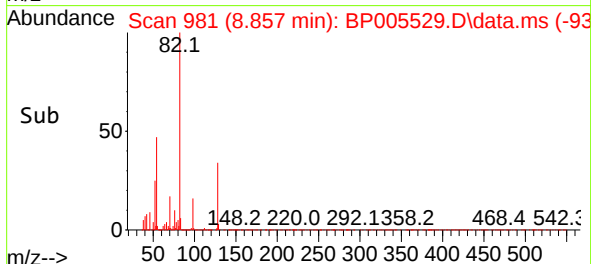
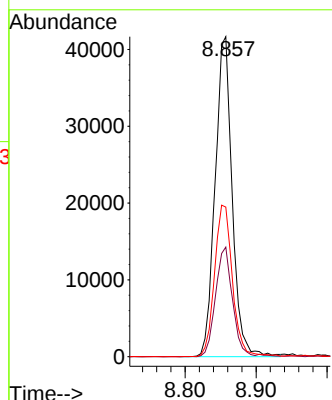
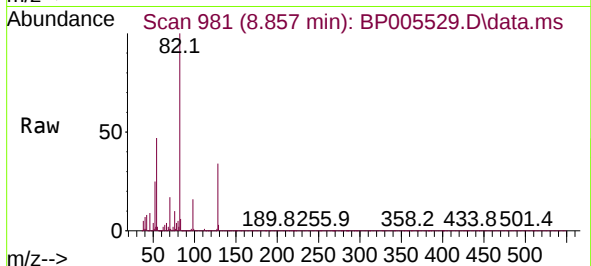




#23
Nitrobenzene-d5
Concen: 65.64 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

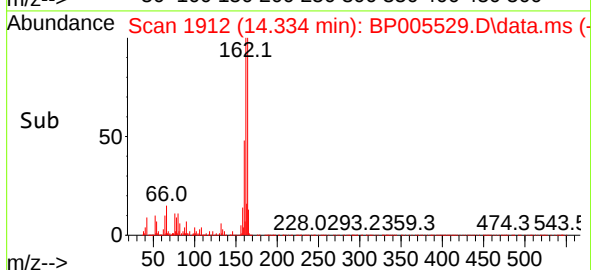
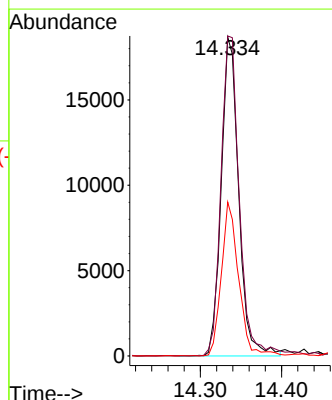
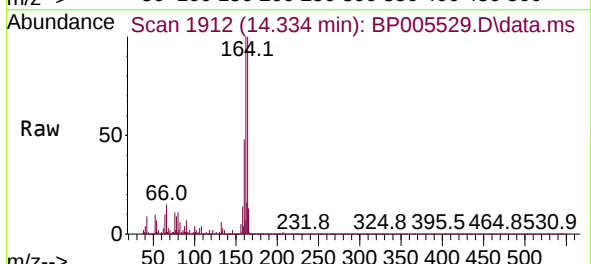
Instrument :
BNA_P
ClientSampleId :
367

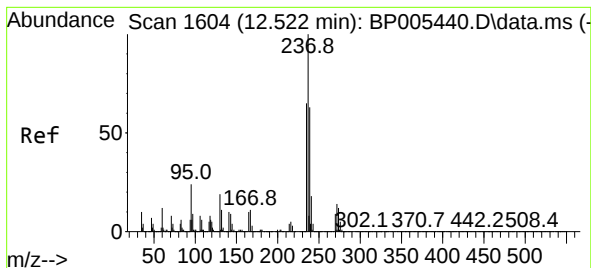
Tgt Ion: 82 Resp: 69454
Ion Ratio Lower Upper
82 100
128 34.3 30.5 45.7
54 46.7 33.9 50.9



#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



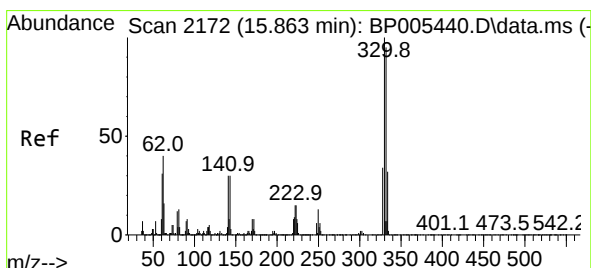
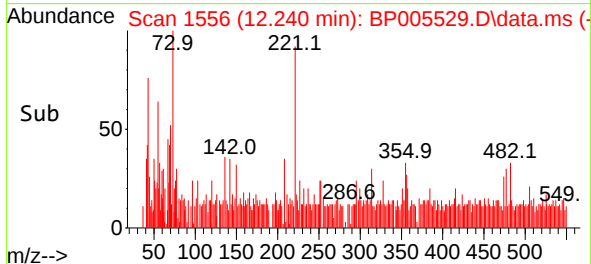
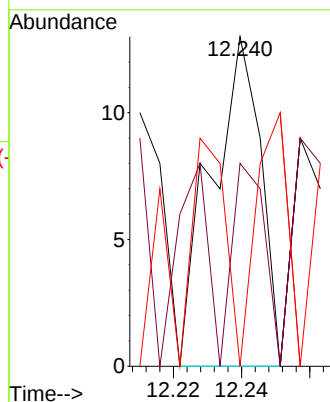
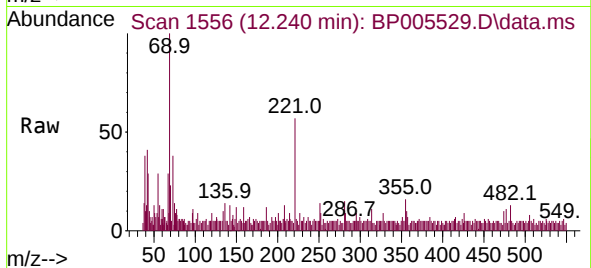


#41

Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.240 min Scan# 1556
Delta R.T. -0.259 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

Instrument :
BNA_P
ClientSampleId :
367

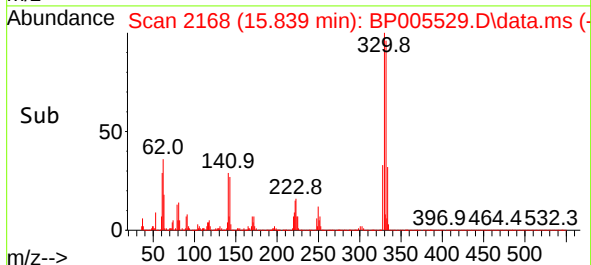
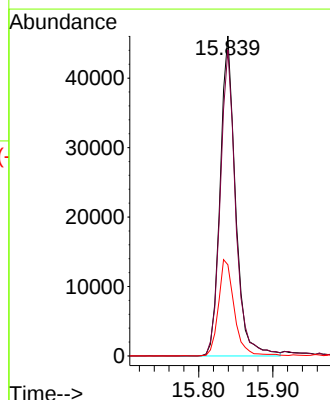
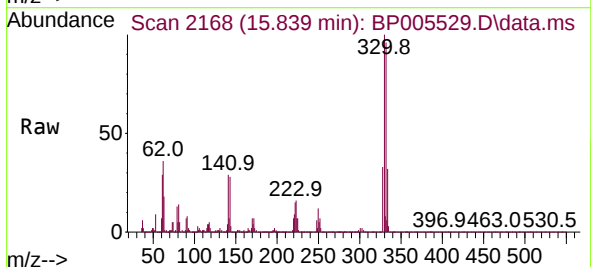
Tgt Ion:	237	Resp:	13
Ion	Ratio	Lower	Upper
237	100		
235	61.5	40.9	80.9
272	0.0	0.0	34.6

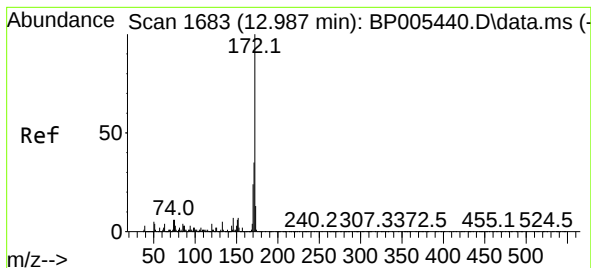


#42

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

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

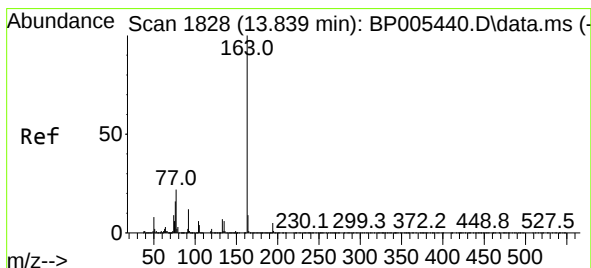
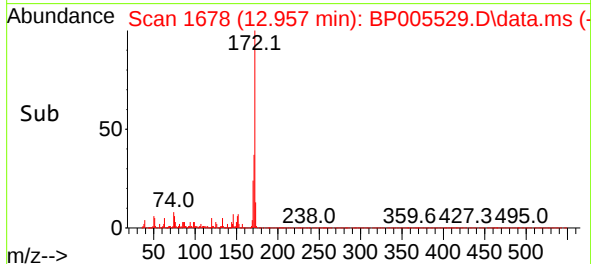
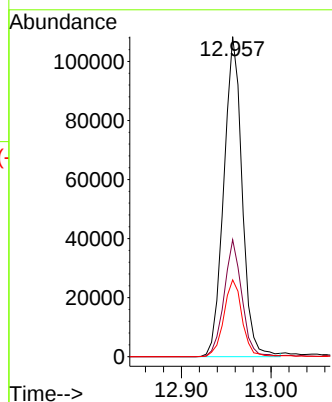
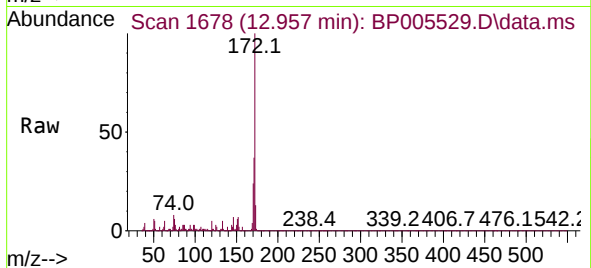




#45
2-Fluorobiphenyl
Concen: 61.92 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

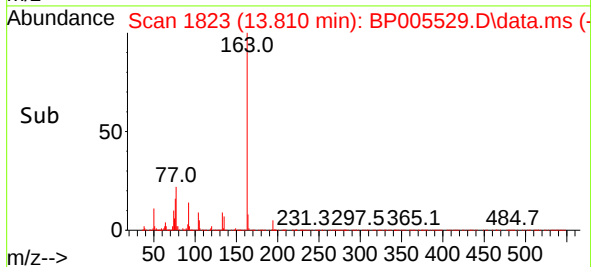
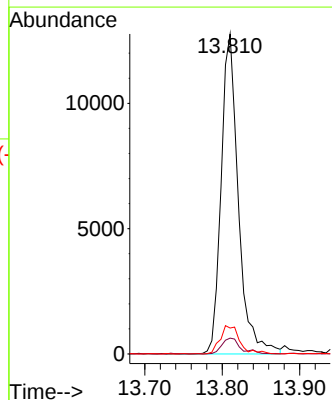
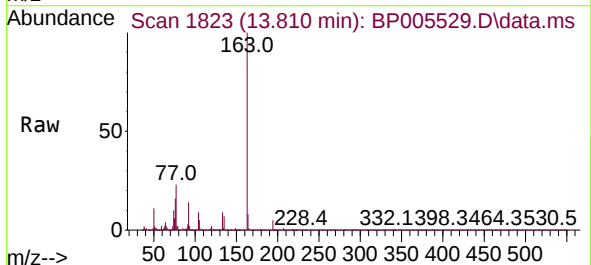
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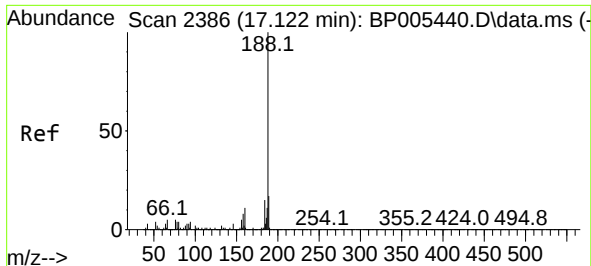
Tgt Ion:172 Resp: 153853
Ion Ratio Lower Upper
172 100
171 36.6 28.1 42.1
170 24.0 19.6 29.4



#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

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

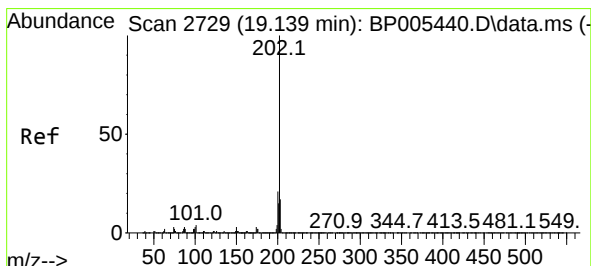
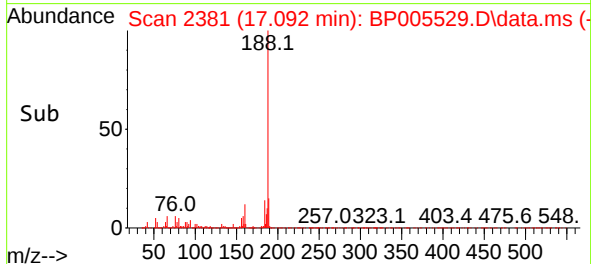
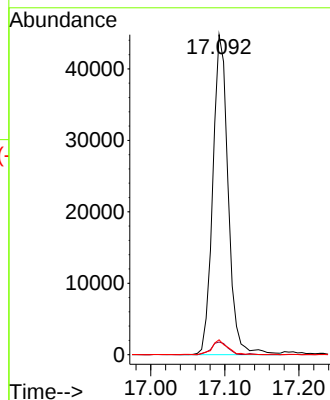
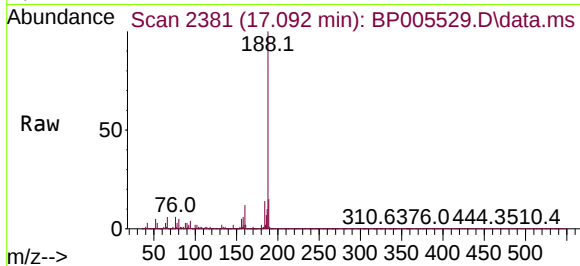




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

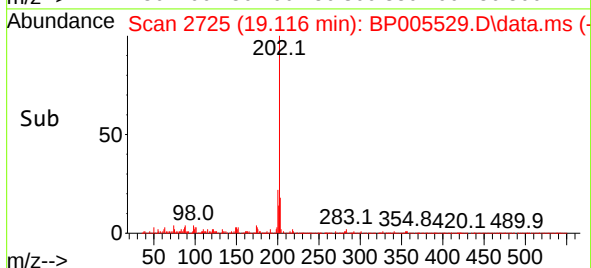
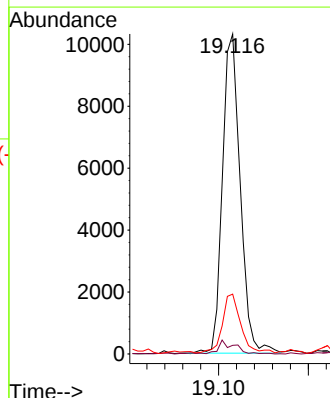
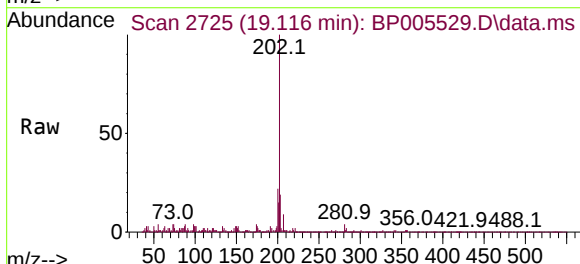
Instrument :
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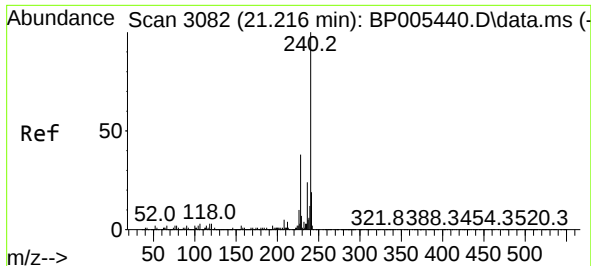
Tgt Ion:188 Resp: 64363
Ion Ratio Lower Upper
188 100
94 4.0 5.0 7.6#
80 4.7 5.9 8.9#



#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

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

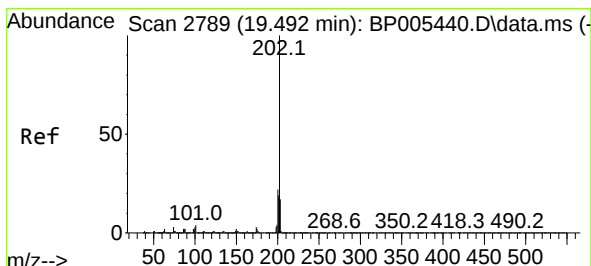
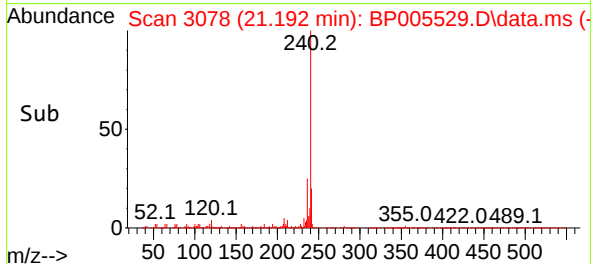
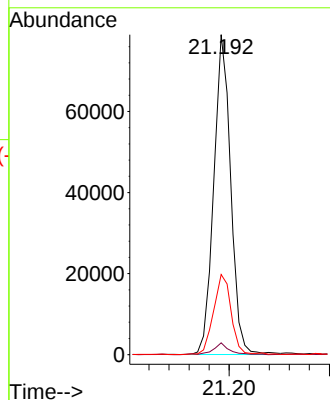
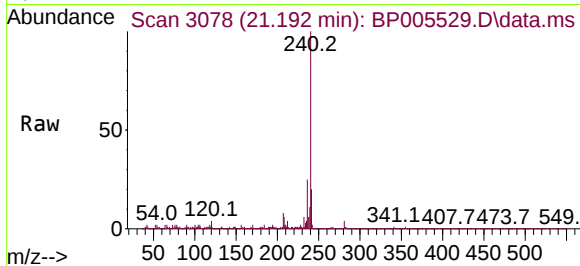




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BP005529.D
Acq: 13 May 2021 20:35

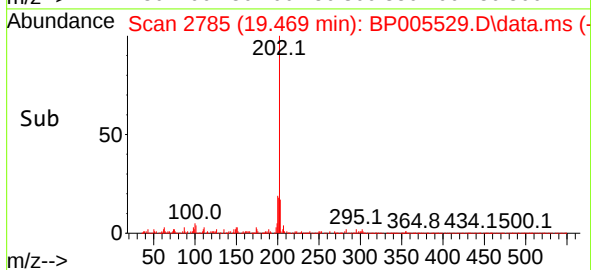
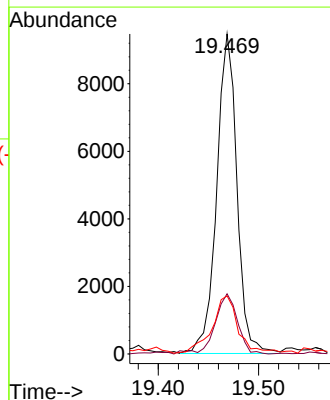
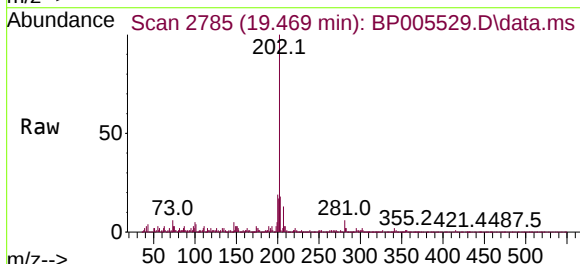
Instrument :
BNA_P
ClientSampleId :
367

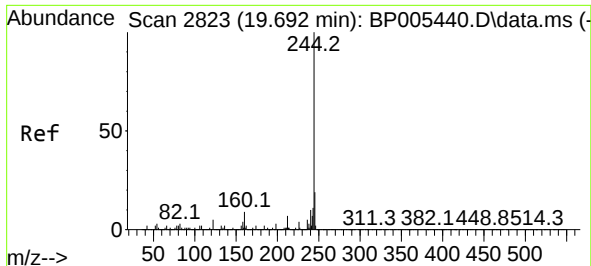
Tgt Ion:240	Resp:	92593
Ion Ratio	Lower	Upper
240	100	
120	4.6	4.2 6.2
236	25.0	20.2 30.2



#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

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

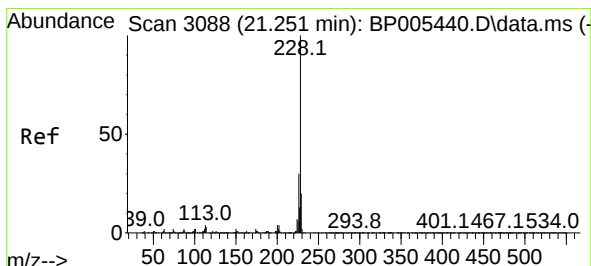
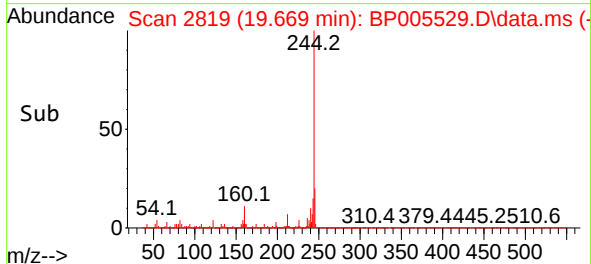
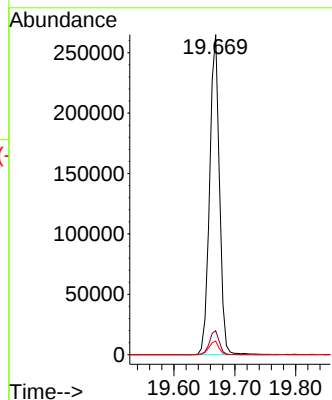
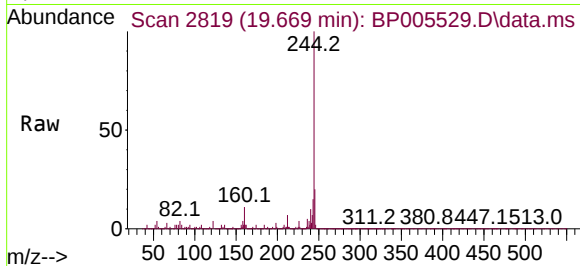




#79
 Terphenyl-d14
 Concen: 54.46 ng
 RT: 19.669 min Scan# 2819
 Delta R.T. -0.000 min
 Lab File: BP005529.D
 Acq: 13 May 2021 20:35

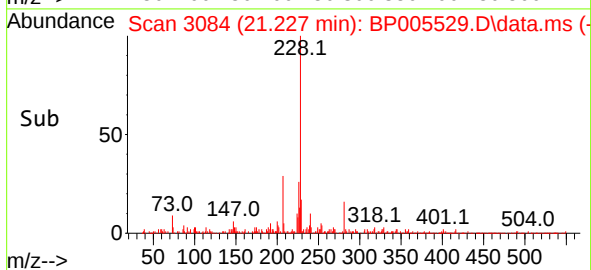
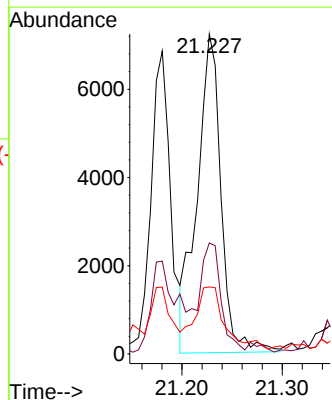
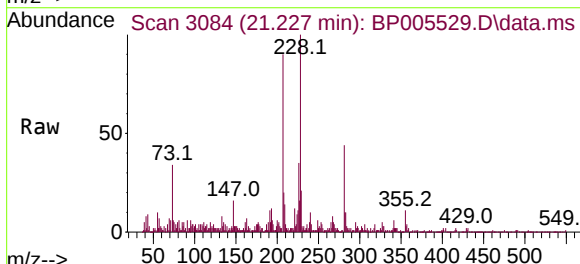
Instrument :
 BNA_P
 ClientSampleId :
 367

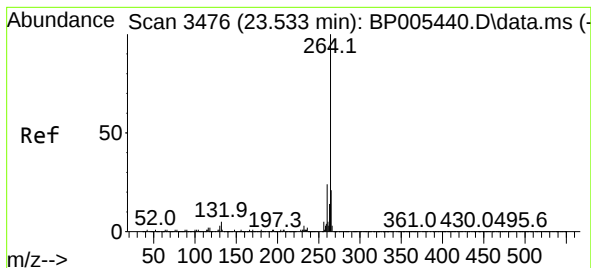
Tgt Ion:244 Resp: 296914
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 4.3 5.2 7.8#



#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

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

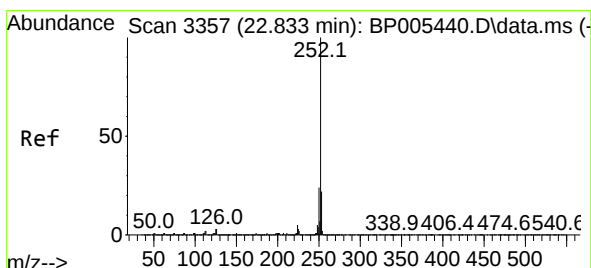
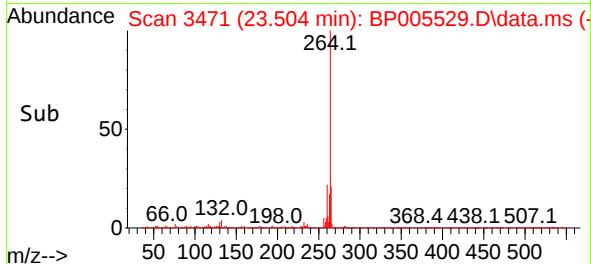
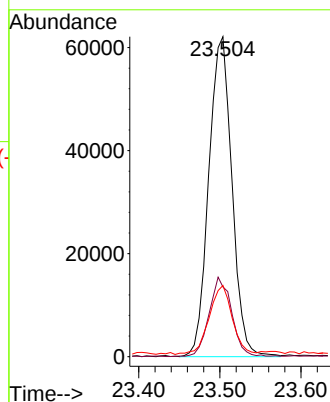
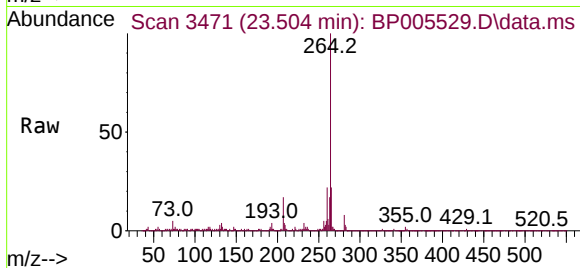
Instrument :

BNA_P

ClientSampled :

367

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

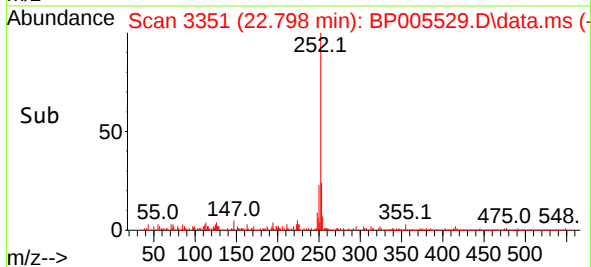
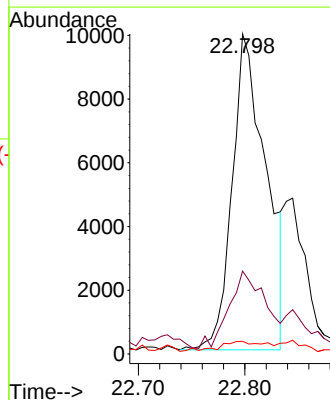
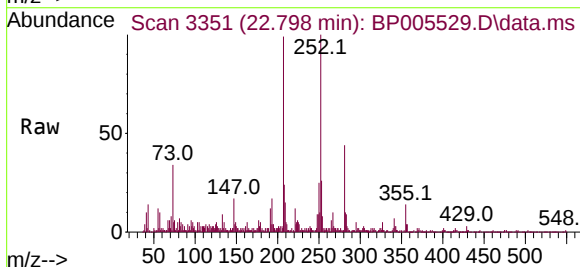
RT: 22.798 min Scan# 3351

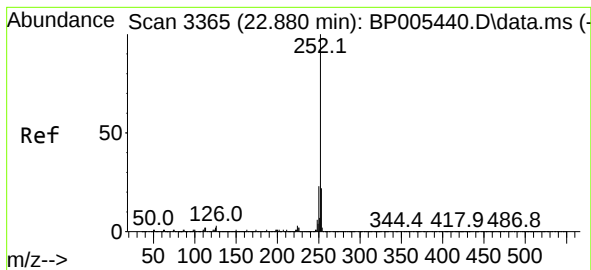
Delta R.T. -0.000 min

Lab File: BP005529.D

Acq: 13 May 2021 20:35

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





#89

Benzo(k)fluoranthene

Concen: 2.72 ng

RT: 22.798 min Scan# 3351

Delta R.T. -0.047 min

Lab File: BP005529.D

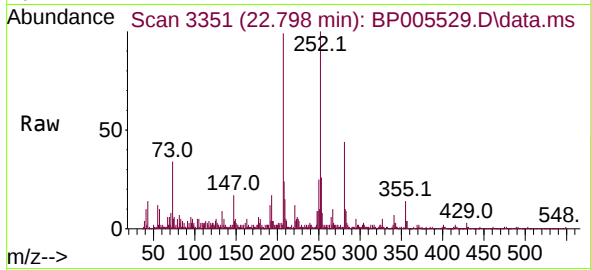
Acq: 13 May 2021 20:35

Instrument :

BNA_P

ClientSampleId :

367



Tgt Ion:252	Resp:	21810
Ion Ratio	Lower	Upper
252	100	
253	25.9	17.2 25.8#
125	4.0	3.8 5.6

