

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
 Data File : BP004567.D
 Acq On : 14 Jan 2021 20:53
 Operator : CG/JU
 Sample : M1134-03 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SN1443594

Quant Time: Jan 14 21:53:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 15:19:32 2021
 Response via : Initial Calibration

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

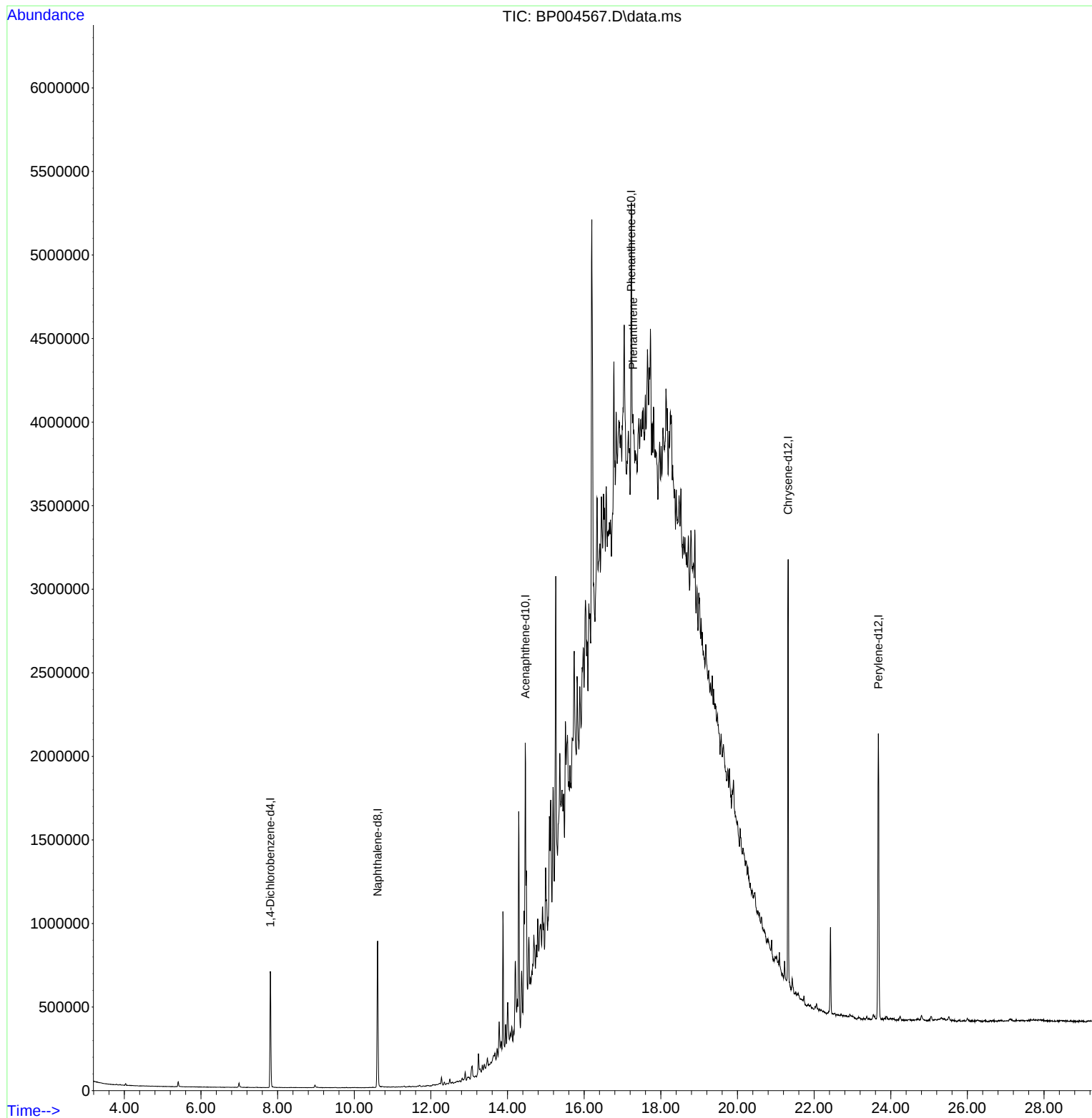
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	215632	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	807082	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	486524	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	967098	20.00	ng	# 0.00
76) Chrysene-d12	21.322	240	1217883	20.00	ng	0.00
86) Perylene-d12	23.674	264	1339178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	16480	1.33	ng	0.00
7) Phenol-d6	6.993	99	19482	1.15	ng	0.00
23) Nitrobenzene-d5	8.975	82	11058	0.77	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	8922	1.05	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	31856	0.85	ng	0.00
79) Terphenyl-d14	19.792	244	52521	0.79	ng	0.00
Target Compounds						
71) Phenanthrene	17.275	178	152876	2.76	ng	# 73

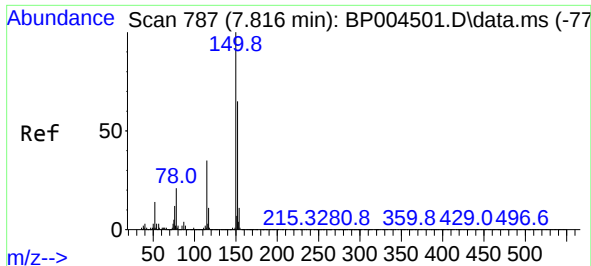
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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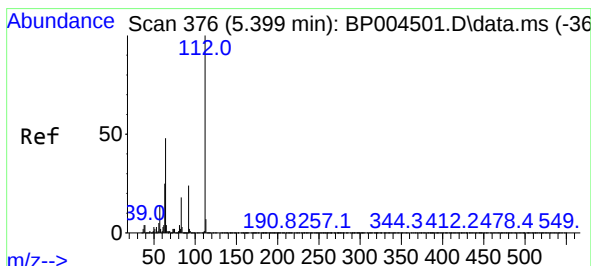
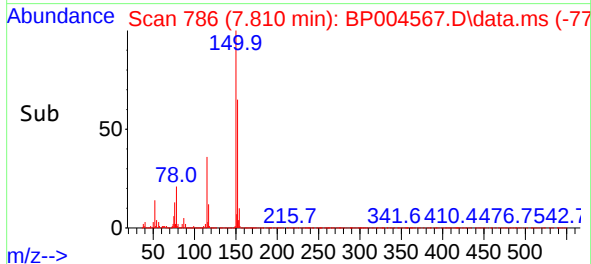
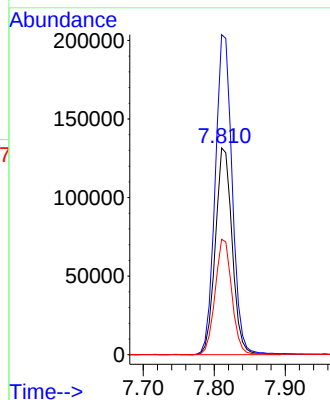
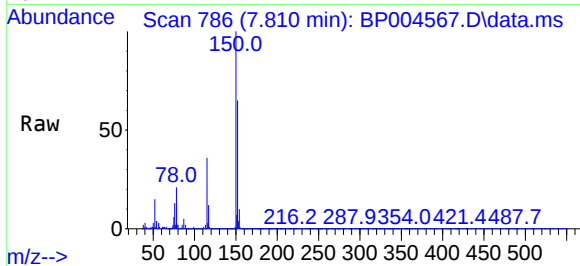




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.810 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP004567.D
Acq: 14 Jan 2021 20:53

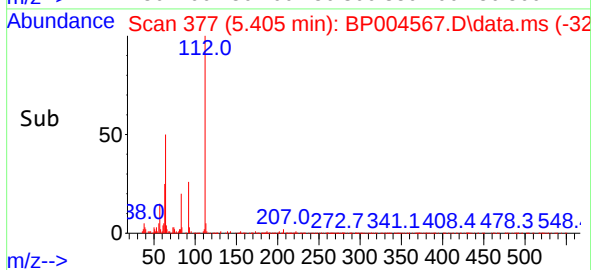
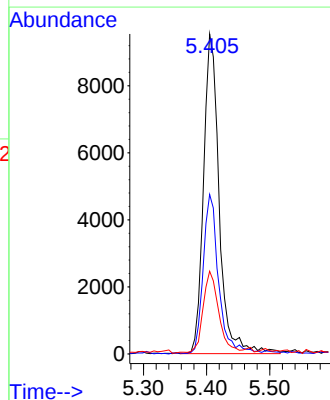
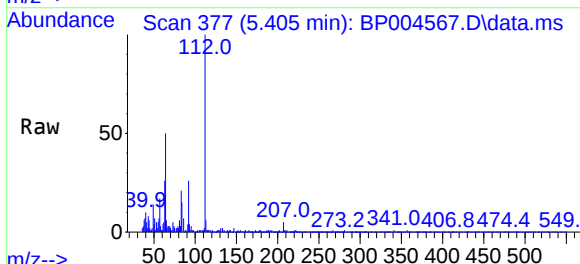
Instrument :
BNA_P
ClientSampleId :
SN1443594

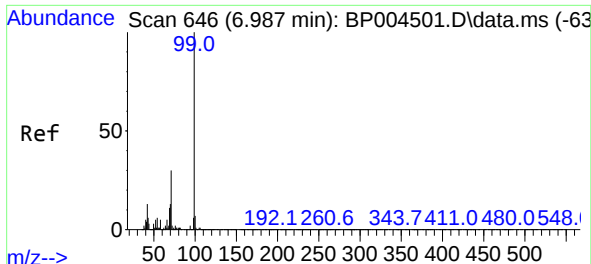
Tgt Ion:152 Resp: 215632
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.6
115 55.8 43.8 65.6



#5
2-Fluorophenol
Concen: 1.33 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004567.D
Acq: 14 Jan 2021 20:53

Tgt Ion:112 Resp: 16480
Ion Ratio Lower Upper
112 100
64 49.8 32.8 49.2#
63 25.9 17.0 25.4#

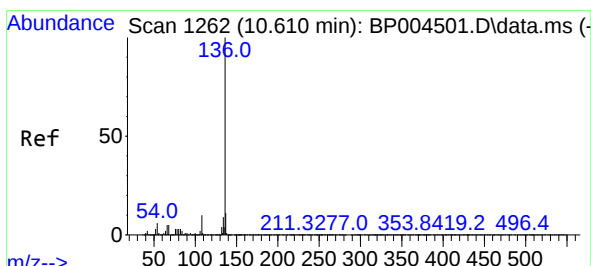
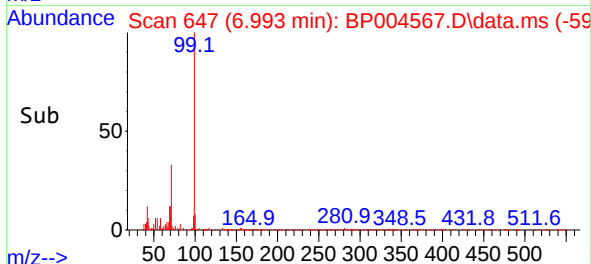
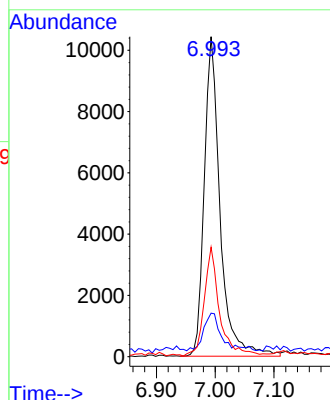
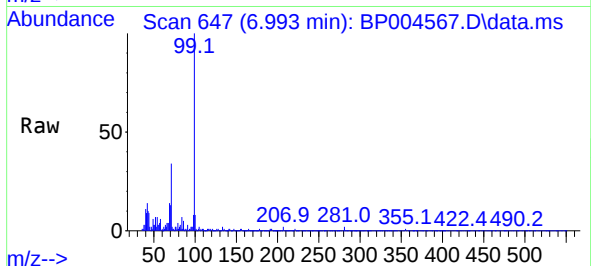




#7
Phenol-d6
Concen: 1.15 ng
RT: 6.993 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP004567.D
Acq: 14 Jan 2021 20:53

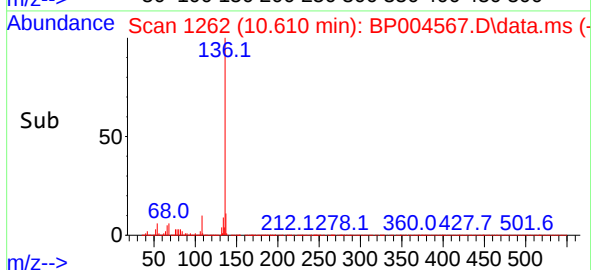
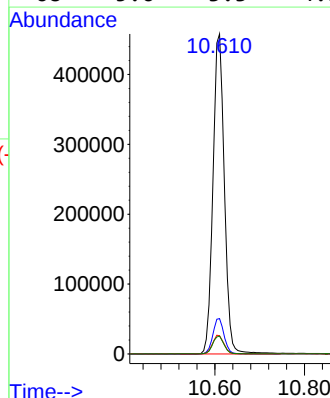
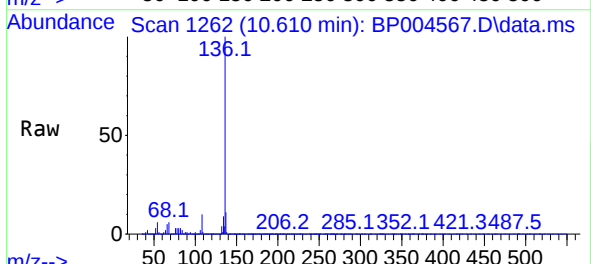
Instrument :
BNA_P
ClientSampleId :
SN1443594

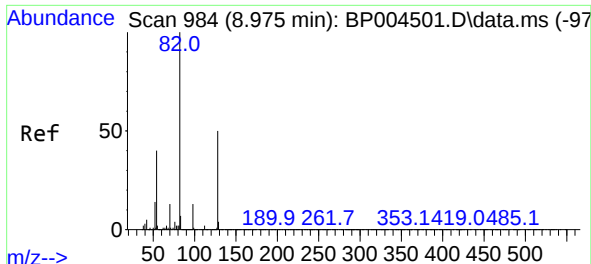
Tgt Ion:	99	Resp:	19482
Ion	Ratio	Lower	Upper
99	100		
42	13.6	8.6	13.0#
71	34.2	23.4	35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004567.D
Acq: 14 Jan 2021 20:53

Tgt Ion:	136	Resp:	807082
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.7	3.6	5.4#
68	5.6	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 0.77 ng

RT: 8.975 min Scan# 984

Delta R.T. 0.000 min

Lab File: BP004567.D

Acq: 14 Jan 2021 20:53

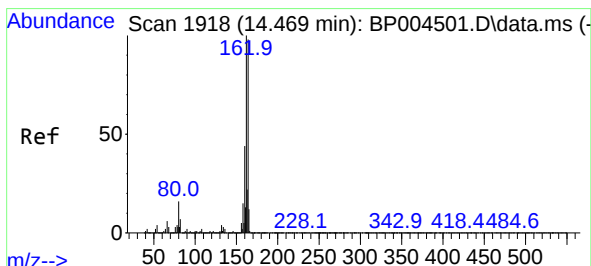
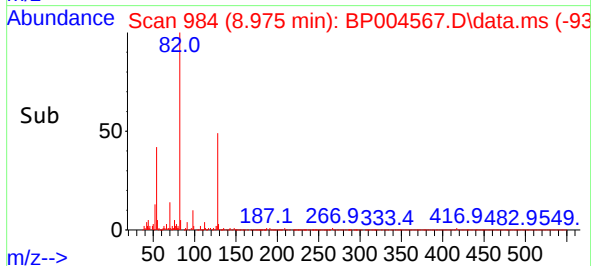
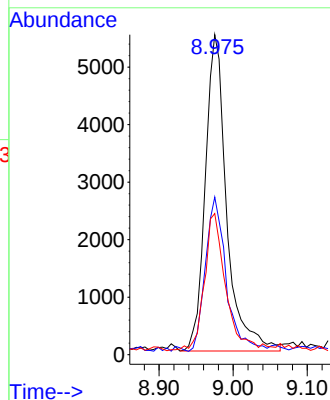
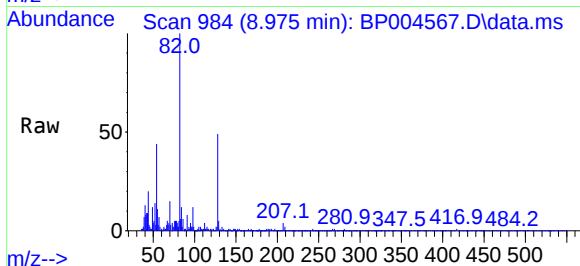
Instrument :

BNA_P

ClientSampleId :

SN1443594

Tgt Ion:	82	Resp:	11058
Ion	Ratio	Lower	Upper
82	100		
128	49.2	45.6	68.4
54	44.1	30.1	45.1



#39

Acenaphthene-d10

Concen: 20.00 ng

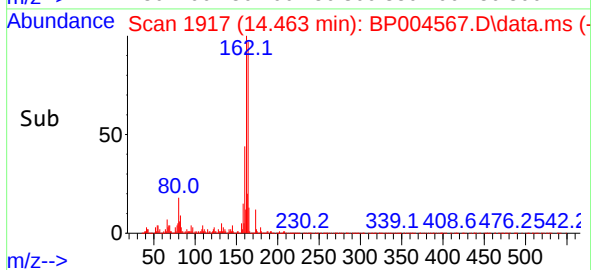
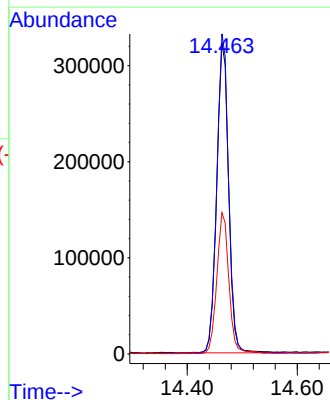
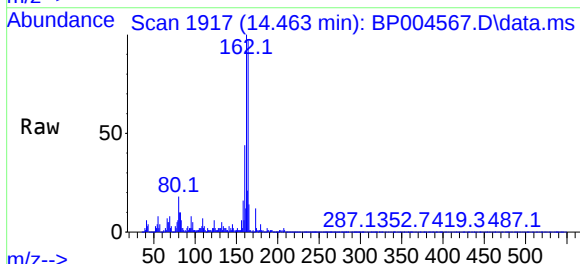
RT: 14.463 min Scan# 1917

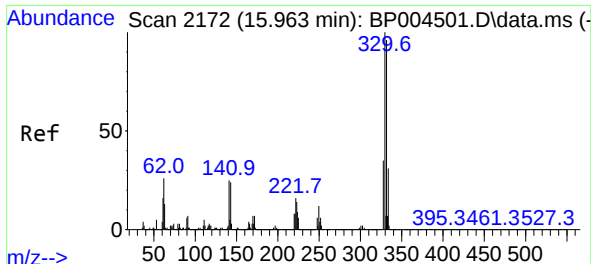
Delta R.T. -0.006 min

Lab File: BP004567.D

Acq: 14 Jan 2021 20:53

Tgt Ion:	164	Resp:	486524
Ion	Ratio	Lower	Upper
164	100		
162	102.8	79.4	119.2
160	45.4	36.1	54.1

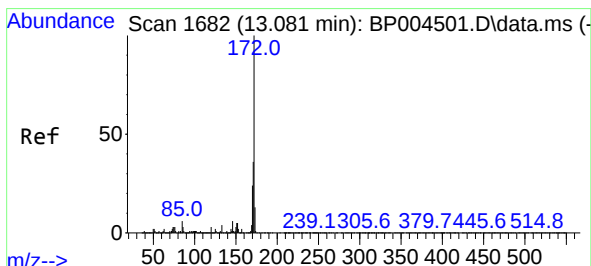
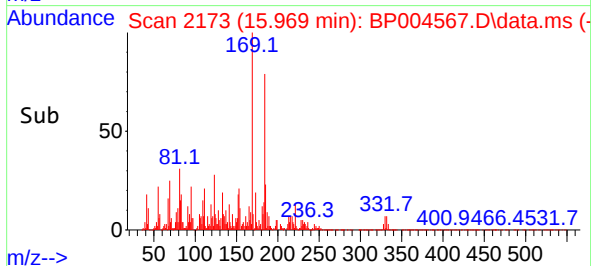
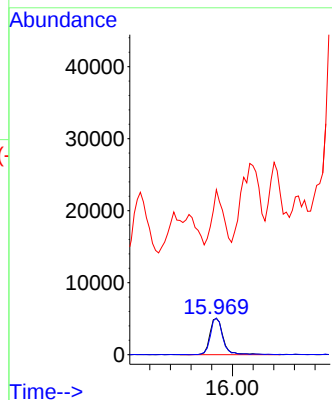
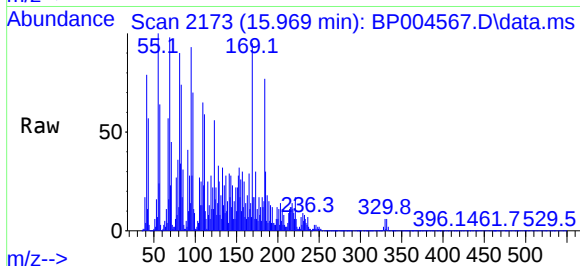




#42
2,4,6-Tribromophenol
Concen: 1.05 ng
RT: 15.969 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP004567.D
Acq: 14 Jan 2021 20:53

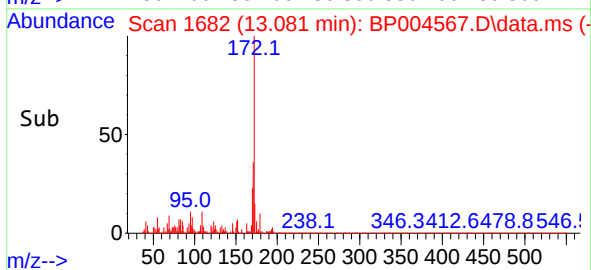
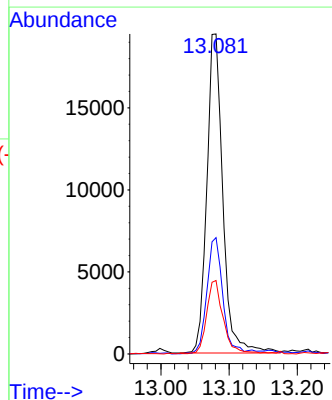
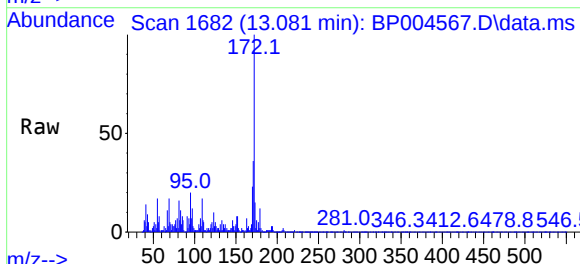
Instrument :
BNA_P
ClientSampleId :
SN1443594

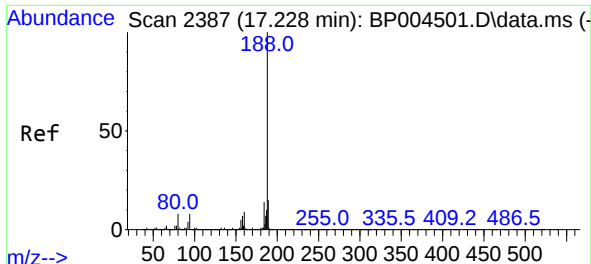
Tgt Ion:330 Resp: 8922
Ion Ratio Lower Upper
330 100
332 93.6 77.1 115.7
141 122.6 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 0.85 ng
RT: 13.081 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP004567.D
Acq: 14 Jan 2021 20:53

Tgt Ion:172 Resp: 31856
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 22.9 19.2 28.8

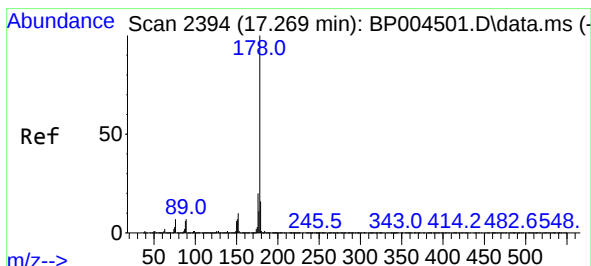
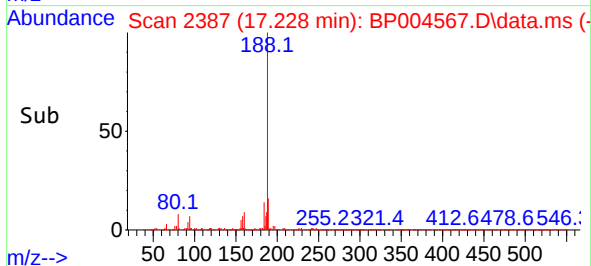
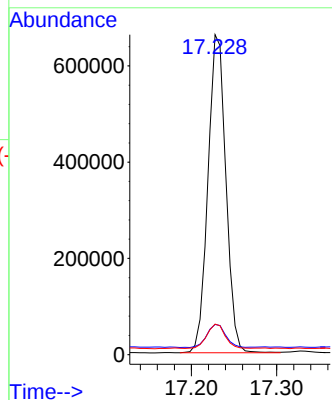
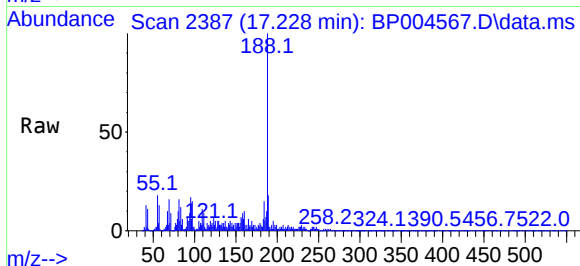




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BP004567.D
Acq: 14 Jan 2021 20:53

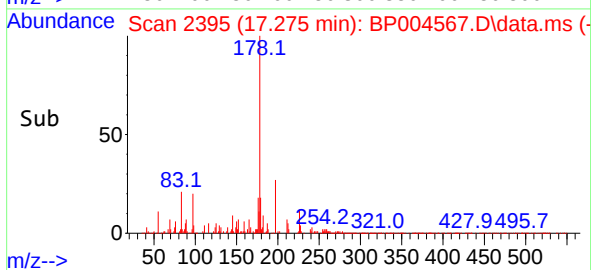
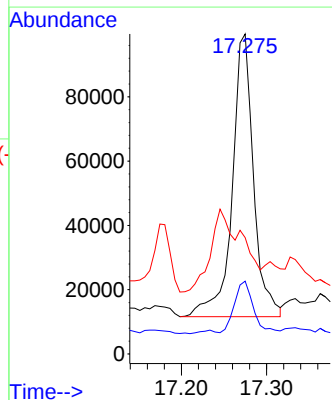
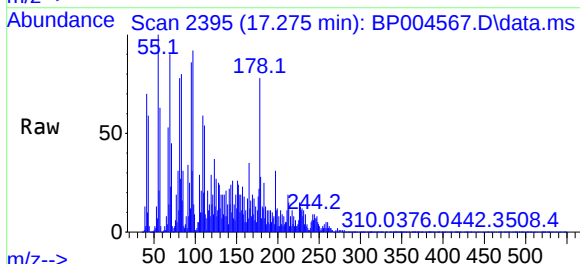
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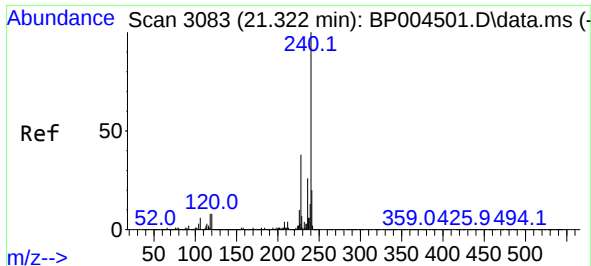
Tgt Ion:188 Resp: 967098
Ion Ratio Lower Upper
188 100
94 9.5 6.2 9.2#
80 9.6 6.2 9.2#



#71
Phenanthrene
Concen: 2.76 ng
RT: 17.275 min Scan# 2395
Delta R.T. 0.006 min
Lab File: BP004567.D
Acq: 14 Jan 2021 20:53

Tgt Ion:178 Resp: 152876
Ion Ratio Lower Upper
178 100
176 22.8 15.3 22.9
179 36.4 12.5 18.7#

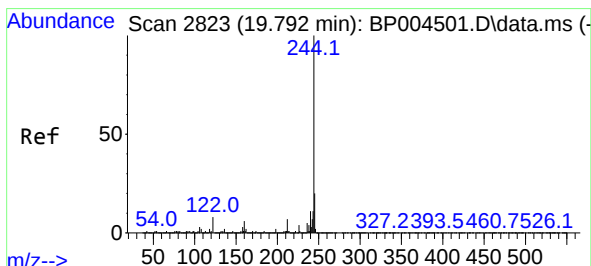
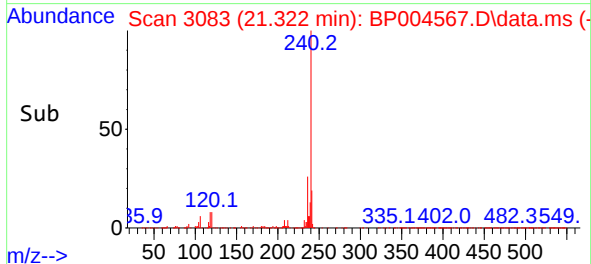
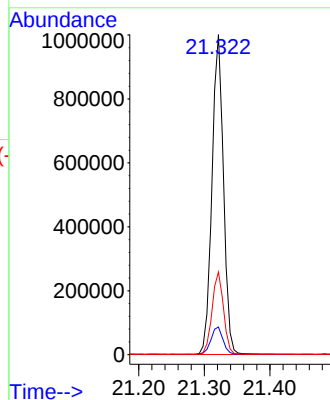
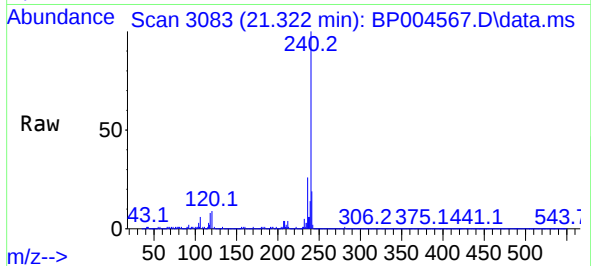




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.322 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP004567.D
Acq: 14 Jan 2021 20:53

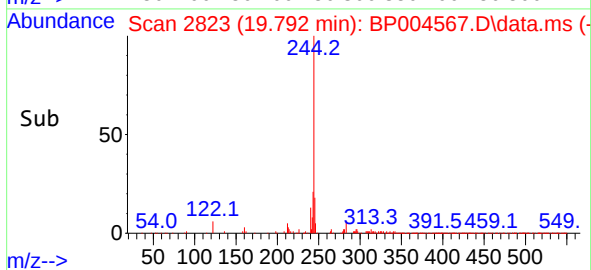
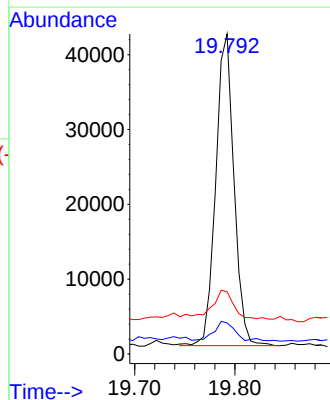
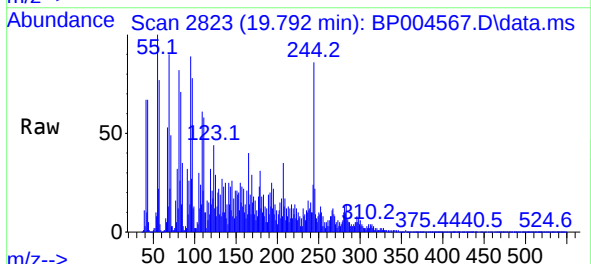
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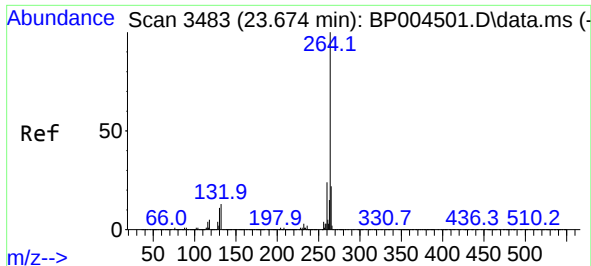
Tgt Ion:240 Resp: 1217883
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 0.79 ng
RT: 19.792 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP004567.D
Acq: 14 Jan 2021 20:53

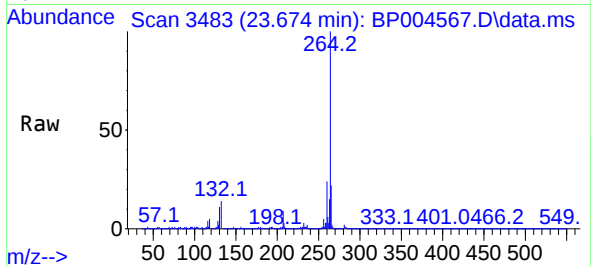
Tgt Ion:244 Resp: 52521
Ion Ratio Lower Upper
244 100
212 9.7 5.8 8.6#
122 19.4 7.8 11.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.674 min Scan# 3483
Delta R.T. 0.000 min
Lab File: BP004567.D
Acq: 14 Jan 2021 20:53

Instrument :
BNA_P
ClientSampleId :
SN1443594



Tgt Ion:264 Resp: 1339178

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.0	17.4	26.2

