

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
 Data File : BP005230.D
 Acq On : 07 Apr 2021 20:33
 Operator : CG/JU
 Sample : M1953-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Apr 08 00:29:04 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	7.693	152	21450	20.00	ng	# 0.00
21) Naphthalene-d8	10.481	136	80057	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	46320	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	96304	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	109330	20.00	ng	0.00
86) Perylene-d12	23.486	264	119531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	27143	19.47	ng	0.00
7) Phenol-d6	6.869	99	33064	16.56	ng	-0.01
23) Nitrobenzene-d5	8.846	82	21731	11.65	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	10020	16.60	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	39756	11.61	ng	0.00
79) Terphenyl-d14	19.680	244	58927	9.81	ng	0.00

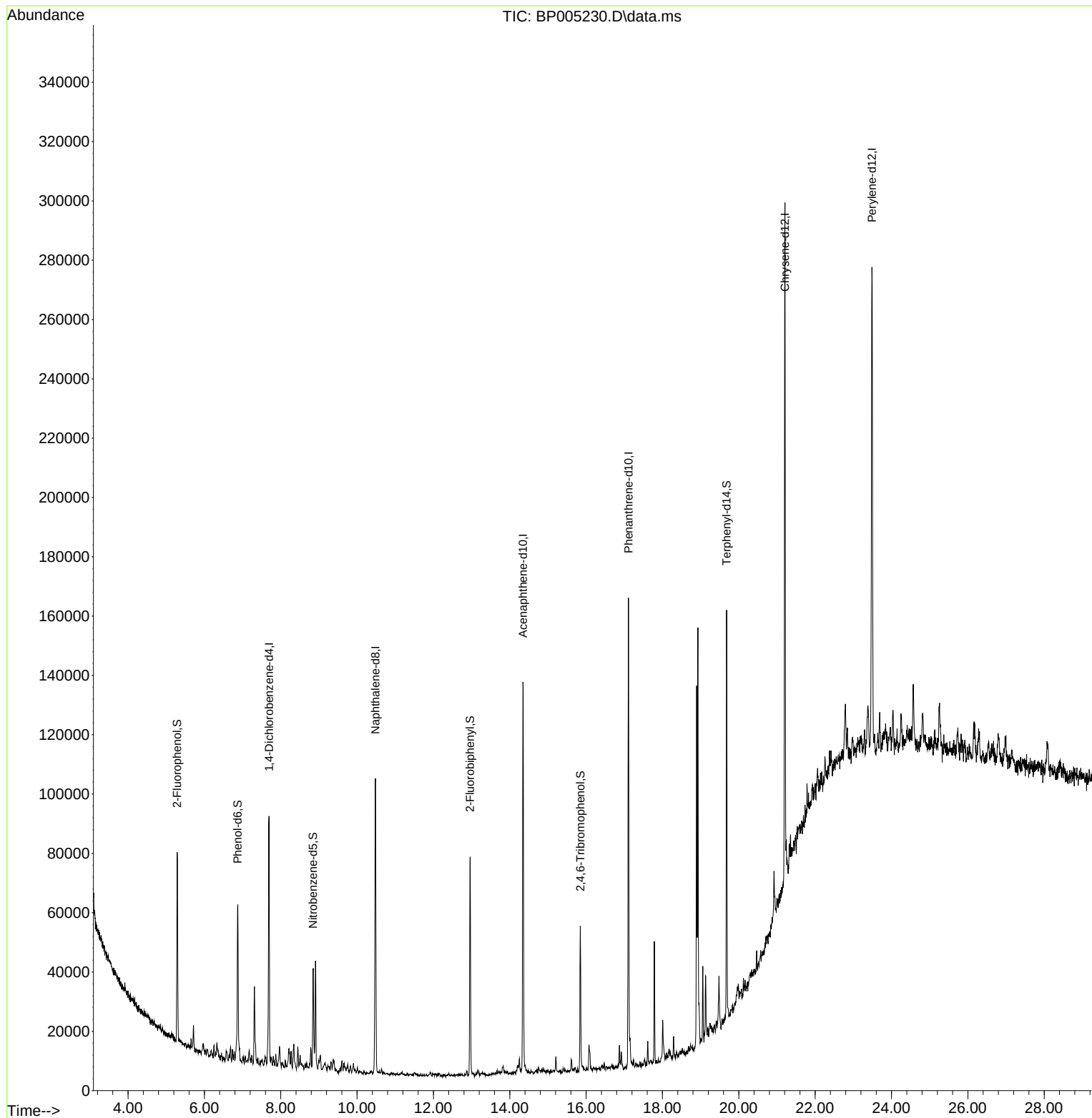
Target Compounds	Qvalue

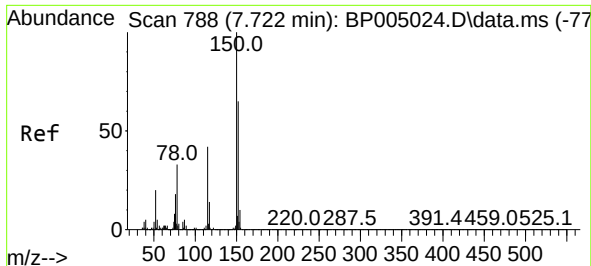
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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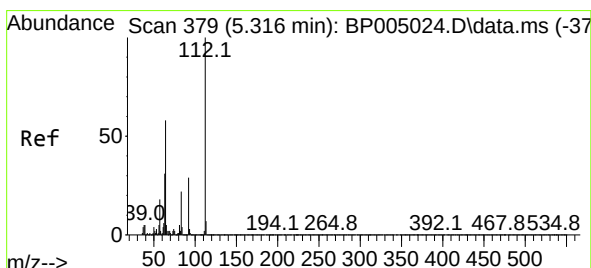
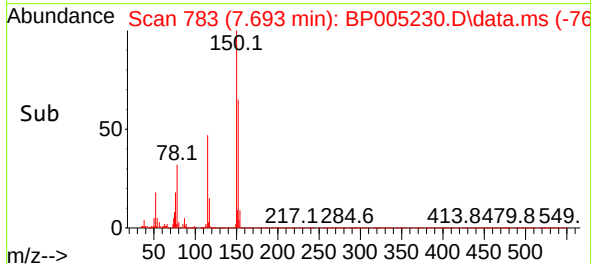
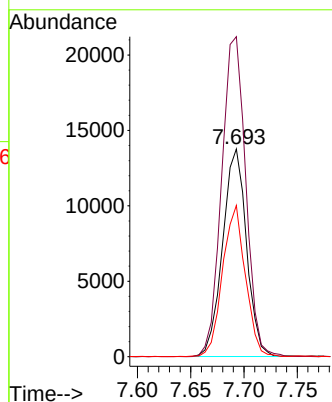
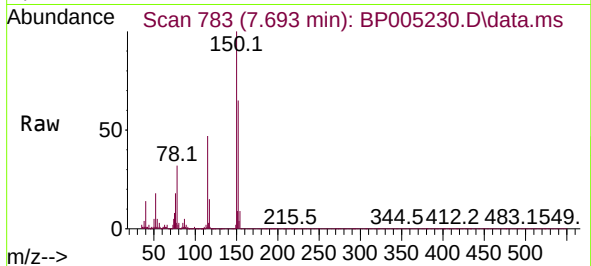




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP005230.D
Acq: 07 Apr 2021 20:33

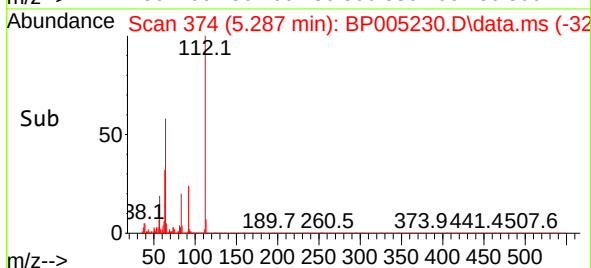
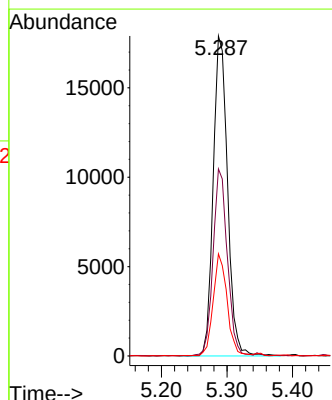
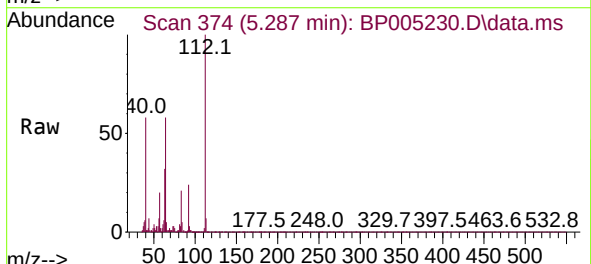
Instrument :
BNA_P
ClientSampleId :

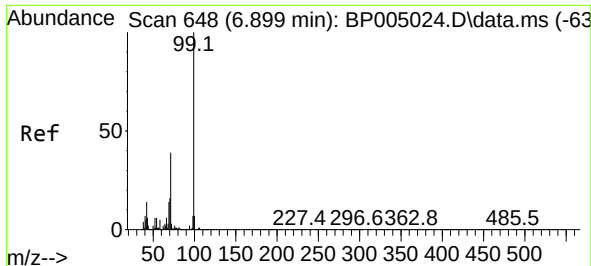
Tgt Ion:152 Resp: 21450
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.6
115 72.8 43.8 65.6#



#5
2-Fluorophenol
Concen: 19.47 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.006 min
Lab File: BP005230.D
Acq: 07 Apr 2021 20:33

Tgt Ion:112 Resp: 27143
Ion Ratio Lower Upper
112 100
64 58.5 32.8 49.2#
63 31.9 17.0 25.4#

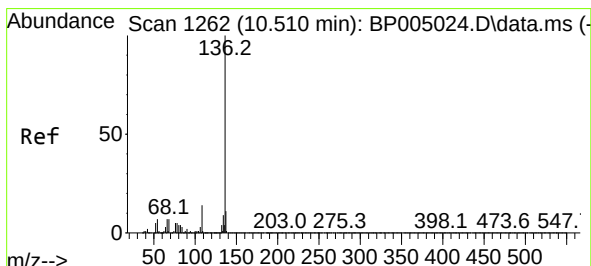
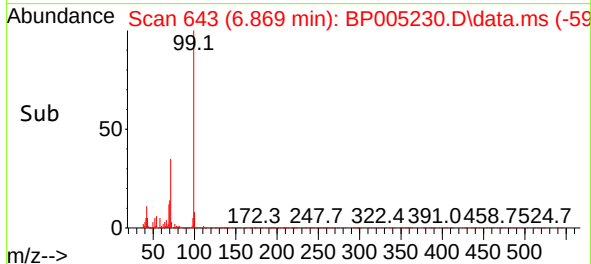
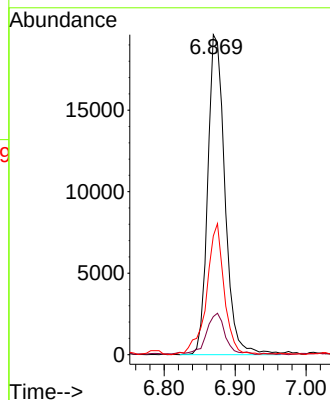
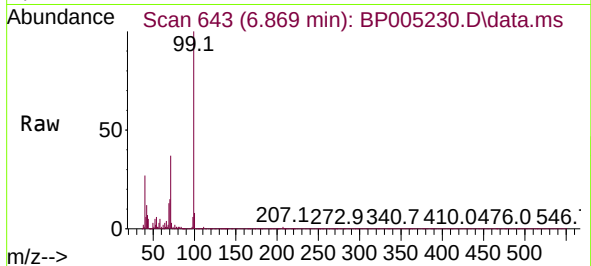




#7
Phenol-d6
Concen: 16.56 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.012 min
Lab File: BP005230.D
Acq: 07 Apr 2021 20:33

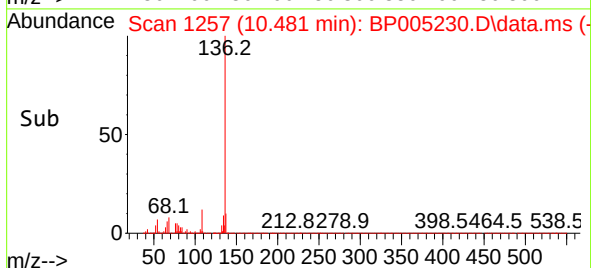
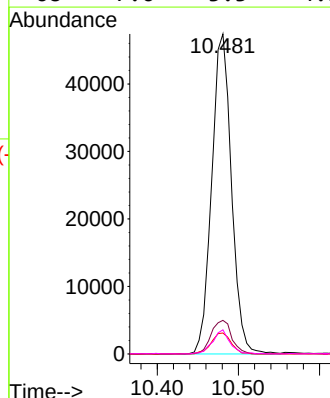
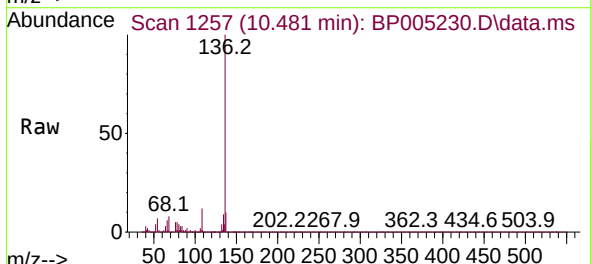
Instrument :
BNA_P
ClientSampleId :

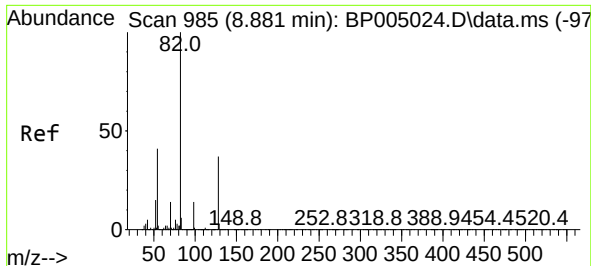
Tgt Ion:	99	Resp:	33064
Ion	Ratio	Lower	Upper
99	100		
42	11.9	8.6	13.0
71	37.1	23.4	35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BP005230.D
Acq: 07 Apr 2021 20:33

Tgt Ion:	136	Resp:	80057
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.6	3.6	5.4#
68	7.6	3.3	4.9#

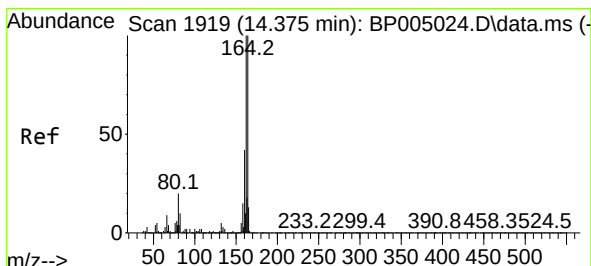
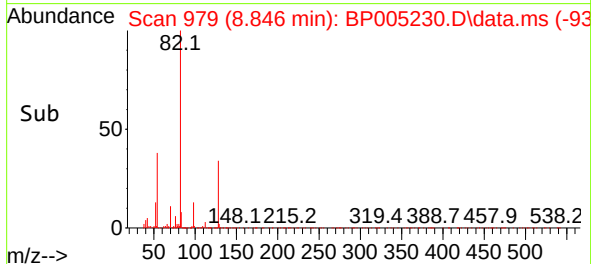
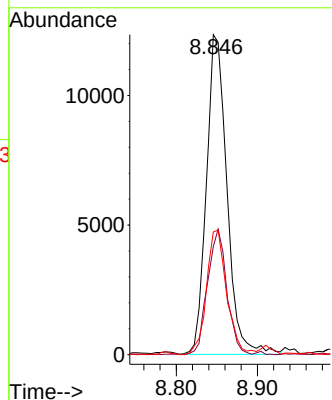
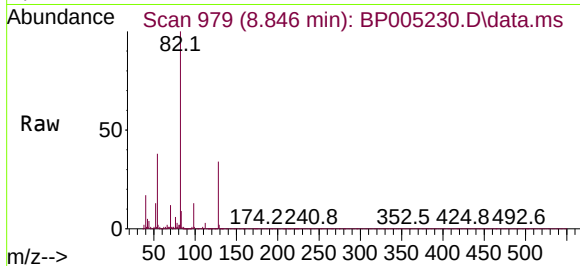




#23
Nitrobenzene-d5
Concen: 11.65 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.012 min
Lab File: BP005230.D
Acq: 07 Apr 2021 20:33

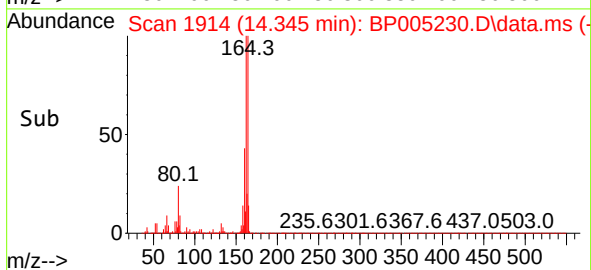
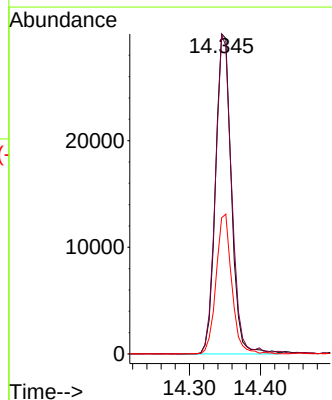
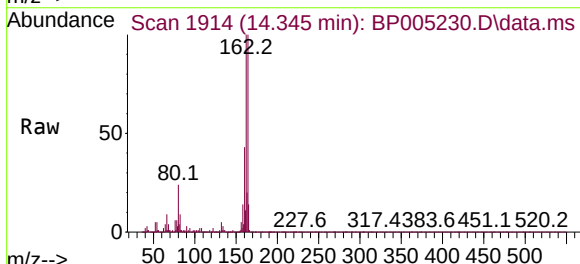
Instrument :
BNA_P
ClientSampled :

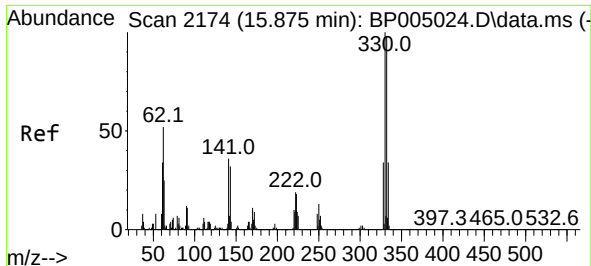
Tgt Ion: 82 Resp: 21731
Ion Ratio Lower Upper
82 100
128 33.8 45.6 68.4#
54 38.4 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP005230.D
Acq: 07 Apr 2021 20:33

Tgt Ion:164 Resp: 46320
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.2
160 42.5 36.1 54.1

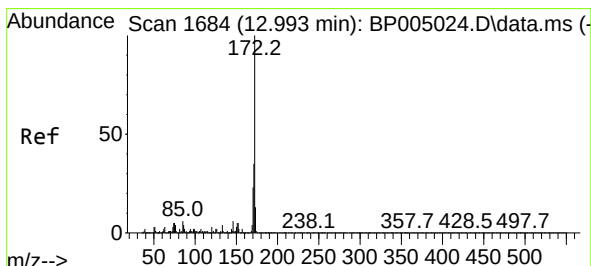
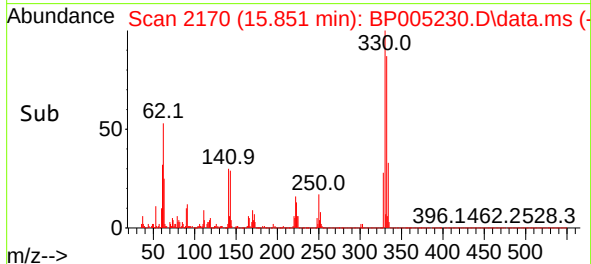
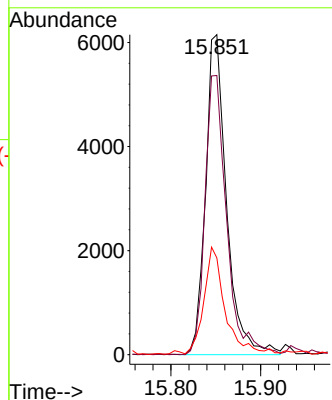
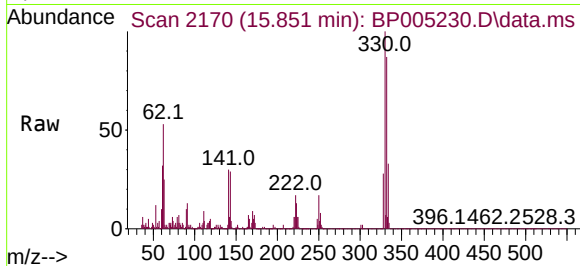




#42
2,4,6-Tribromophenol
Concen: 16.60 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005230.D
Acq: 07 Apr 2021 20:33

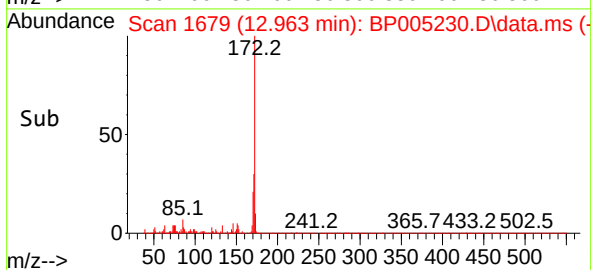
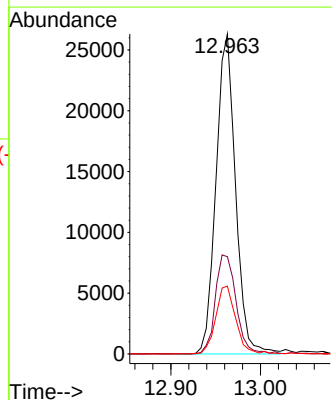
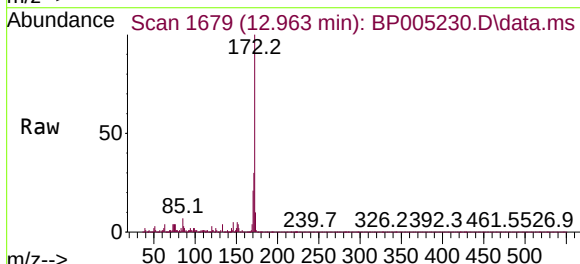
Instrument :
BNA_P
ClientSampleId :

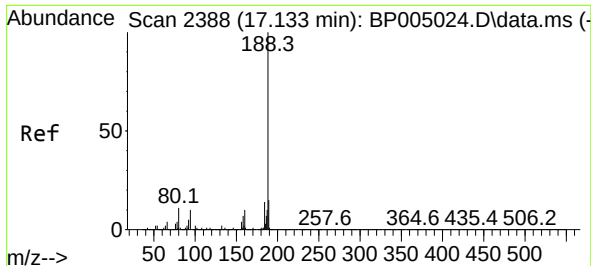
Tgt Ion:330 Resp: 10020
Ion Ratio Lower Upper
330 100
332 89.0 77.1 115.7
141 34.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 11.61 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005230.D
Acq: 07 Apr 2021 20:33

Tgt Ion:172 Resp: 39756
Ion Ratio Lower Upper
172 100
171 30.4 28.5 42.7
170 21.2 19.2 28.8

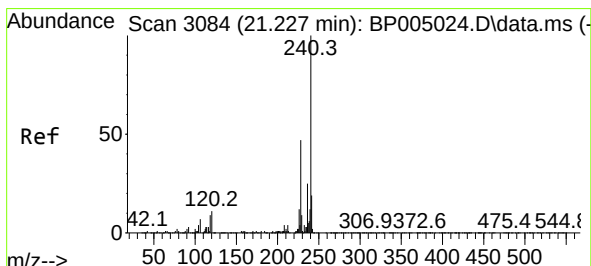
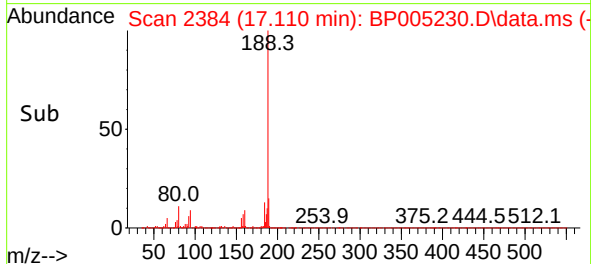
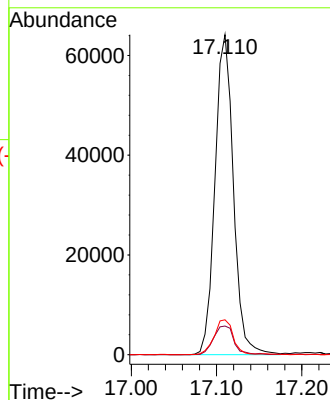
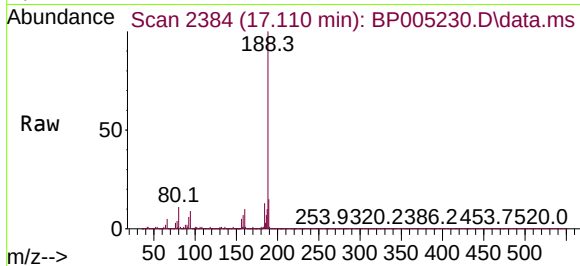




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005230.D
Acq: 07 Apr 2021 20:33

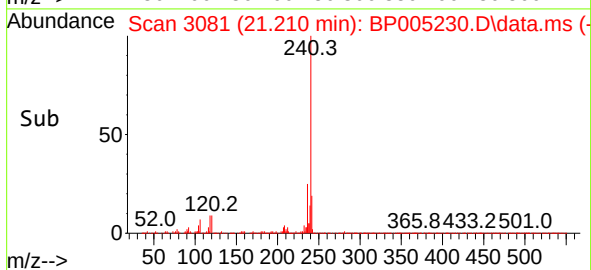
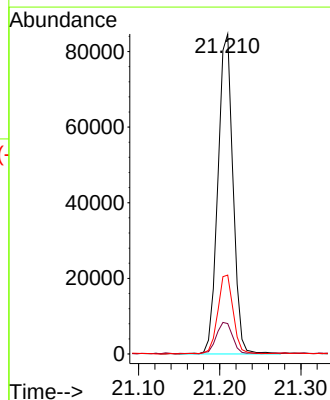
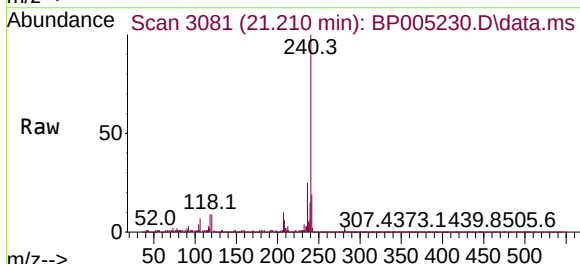
Instrument :
BNA_P
ClientSampleId :

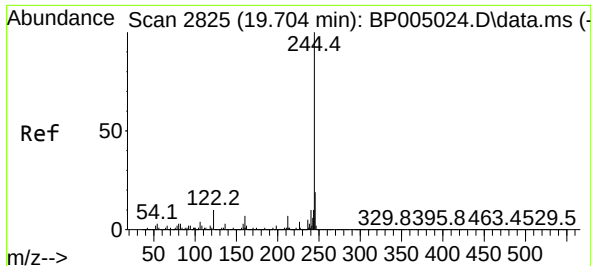
Tgt Ion:188 Resp: 96304
Ion Ratio Lower Upper
188 100
94 9.0 6.2 9.2
80 10.9 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005230.D
Acq: 07 Apr 2021 20:33

Tgt Ion:240 Resp: 109330
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 24.6 20.8 31.2

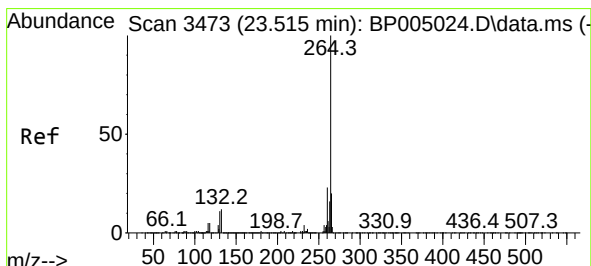
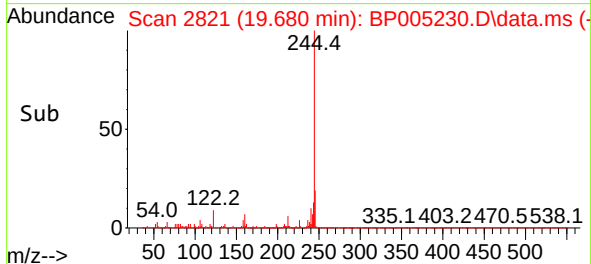
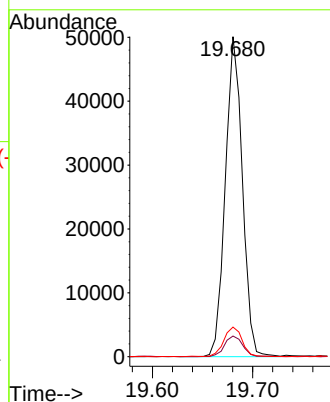
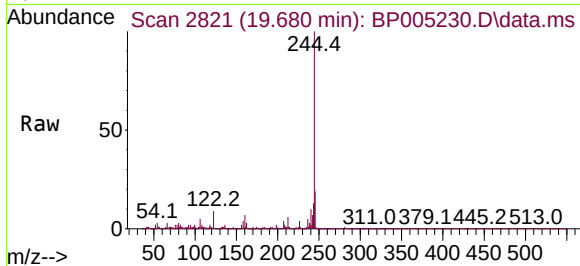




#79
Terphenyl-d14
Concen: 9.81 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP005230.D
Acq: 07 Apr 2021 20:33

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244	Resp:	58927
Ion Ratio	Lower	Upper
244	100	
212	6.4	5.8 8.6
122	9.2	7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. -0.006 min
Lab File: BP005230.D
Acq: 07 Apr 2021 20:33

Tgt Ion:264	Resp:	119531
Ion Ratio	Lower	Upper
264	100	
260	21.8	18.8 28.2
265	21.1	17.4 26.2

