

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
 Data File : BP006056.D
 Acq On : 24 Jun 2021 16:55
 Operator : CG/JU
 Sample : M2776-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 0339-DISCRETE-CORE-1

Quant Time: Jun 24 18:06:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

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

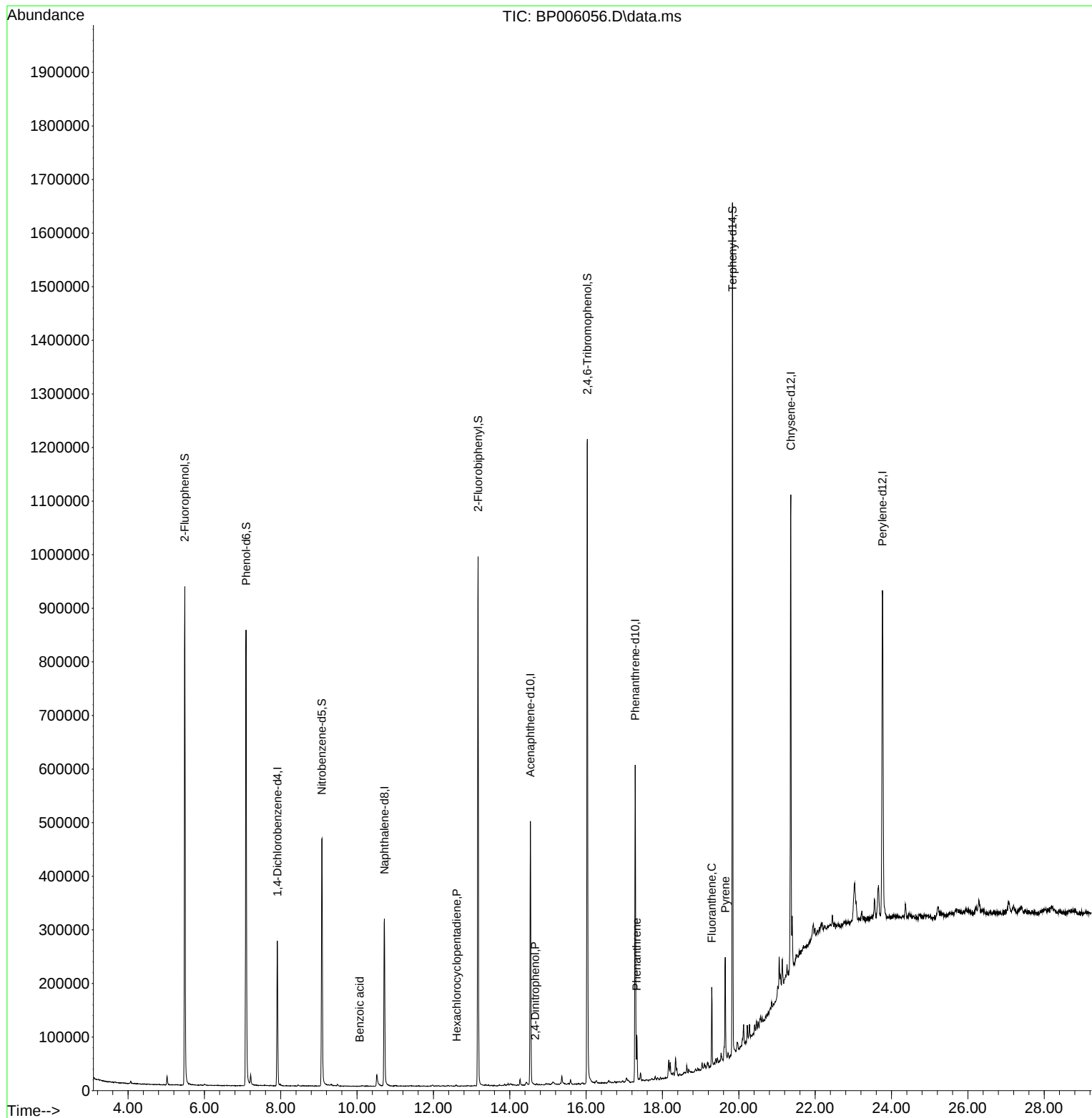
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	73485	20.000	ng	-0.01
21) Naphthalene-d8	10.716	136	279819	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	170363	20.000	ng	-0.01
64) Phenanthrene-d10	17.286	188	351805	20.000	ng	0.00
76) Chrysene-d12	21.363	240	428834	20.000	ng	0.00
86) Perylene-d12	23.763	264	501508	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	432597	94.462	ng	0.00
7) Phenol-d6	7.093	99	528382	89.016	ng	0.00
23) Nitrobenzene-d5	9.075	82	299342	52.448	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	276873	94.704	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	518741	39.984	ng	0.00
79) Terphenyl-d14	19.833	244	683461	29.843	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.069	122	23	6.326	ng	# 64
41) Hexachlorocyclopentadiene	12.610	237	39	5.516	ng	75
54) 2,4-Dinitrophenol	14.663	184	19	4.858	ng	91
71) Phenanthrene	17.328	178	50134	2.373	ng	98
75) Fluoranthene	19.292	202	83202	3.243	ng	99
78) Pyrene	19.645	202	112326	3.752	ng	99

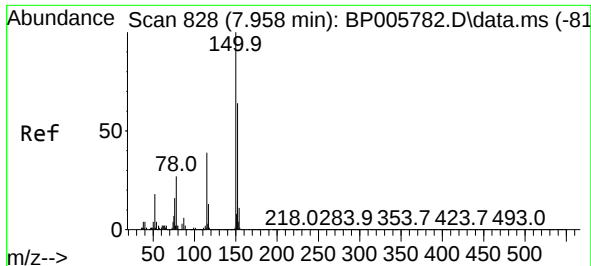
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
0339-DISCRETE-CORE-1

Quant Time: Jun 24 18:06:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 17:52:38 2021
Response via : Initial Calibration

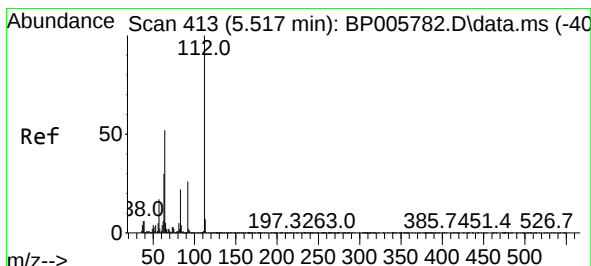
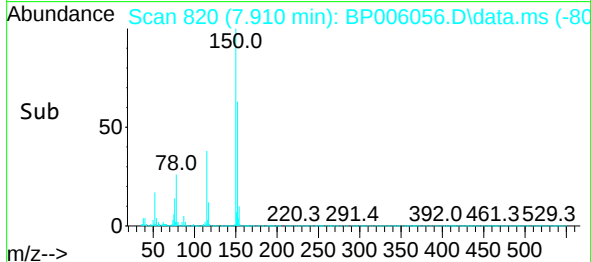
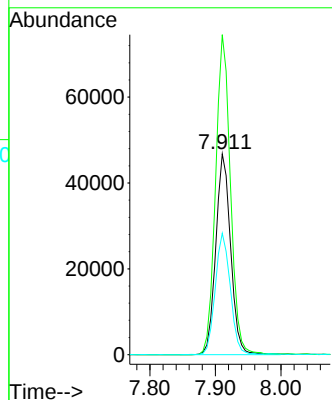
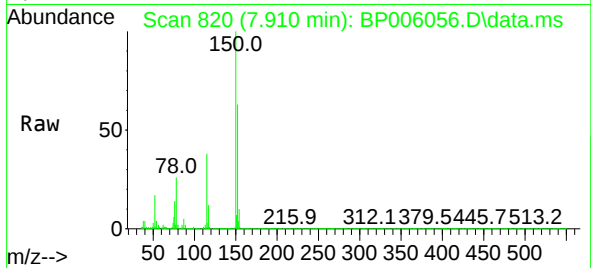




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 820
Delta R.T. -0.011 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

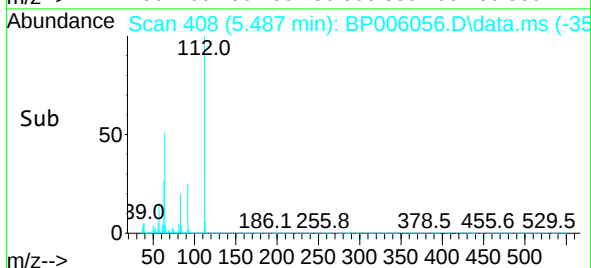
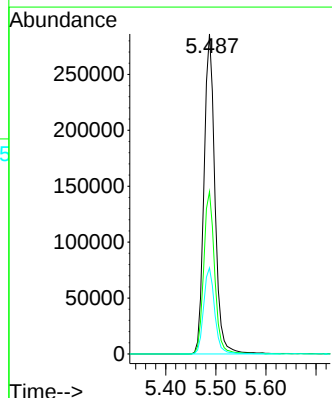
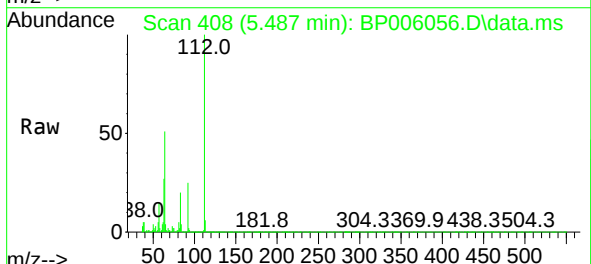
Instrument :
BNA_P
ClientSampleId :
0339-DISCRETE-CORE-1

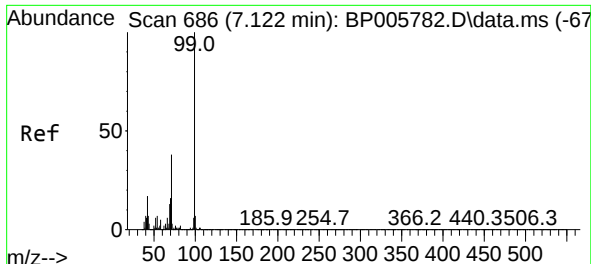
Tgt Ion:152 Resp: 73485
Ion Ratio Lower Upper
152 100
150 159.4 125.6 188.4
115 60.5 48.5 72.7



#5
2-Fluorophenol
Concen: 94.462 ng
RT: 5.487 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

Tgt Ion:112 Resp: 432597
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 26.9 23.8 35.8

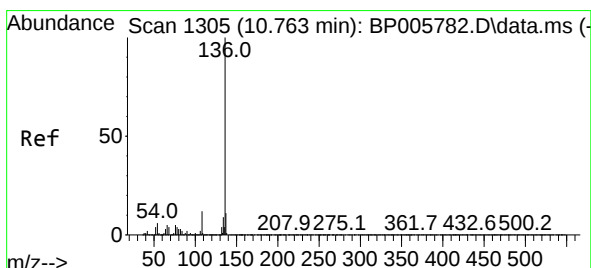
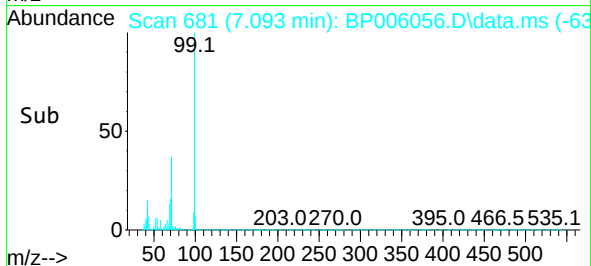
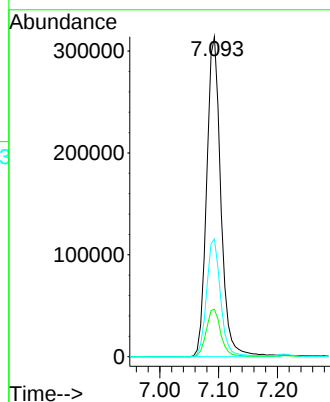
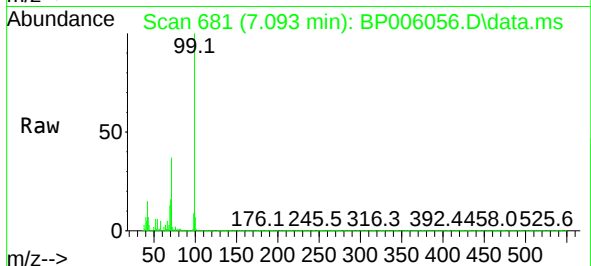




#7
Phenol-d6
Concen: 89.016 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

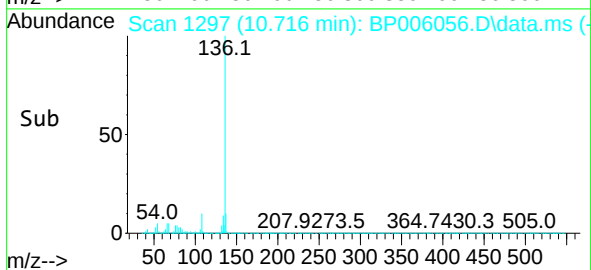
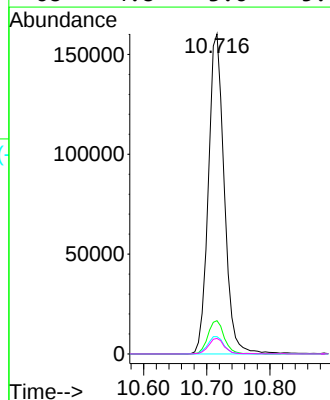
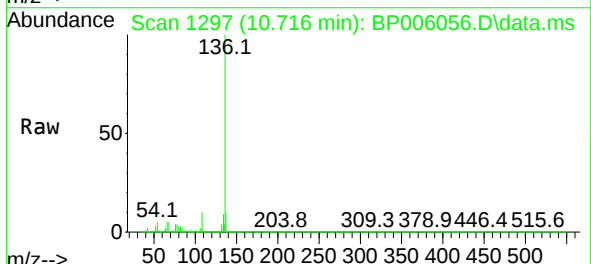
Instrument :
BNA_P
ClientSampleId :
0339-DISCRETE-CORE-1

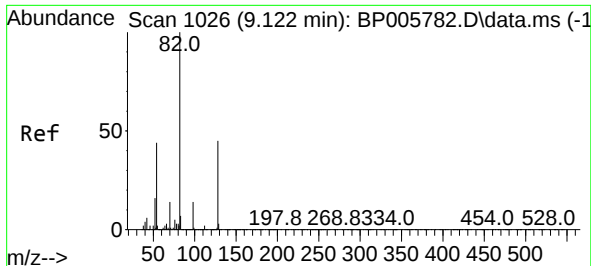
Tgt Ion: 99 Resp: 528382
Ion Ratio Lower Upper
99 100
42 14.8 13.4 20.0
71 36.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

Tgt Ion:136 Resp: 279819
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 5.4 4.6 6.8
68 4.8 3.6 5.4

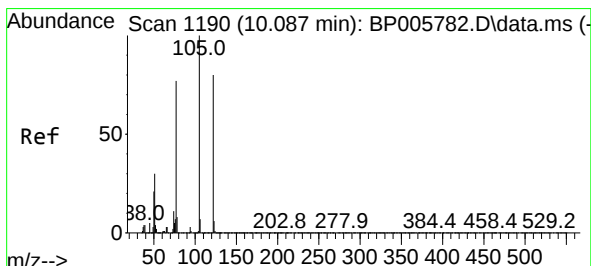
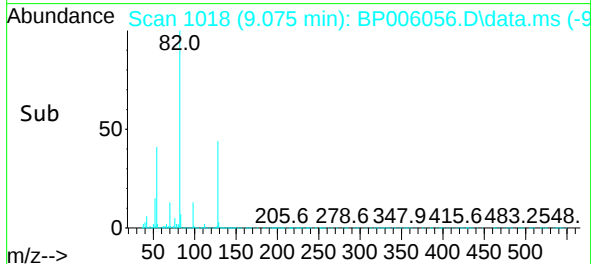
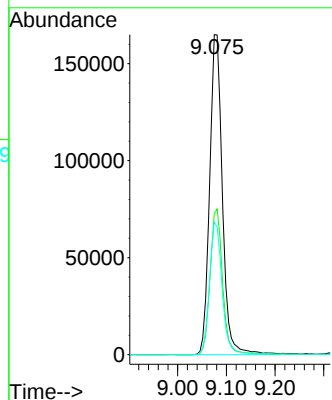
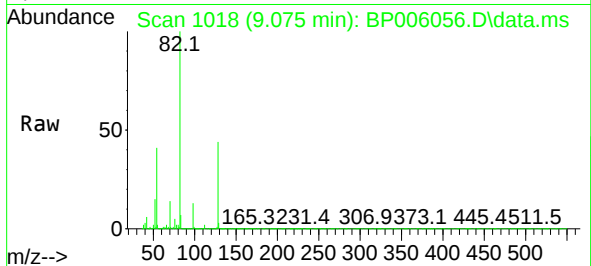




#23
Nitrobenzene-d5
Concen: 52.448 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

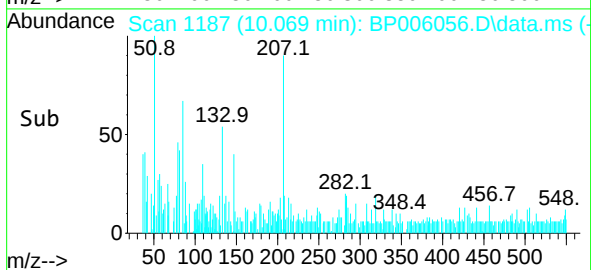
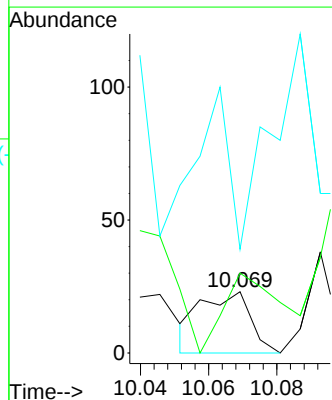
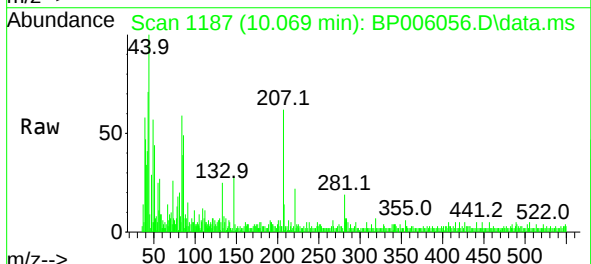
Instrument :
BNA_P
ClientSampleId :
0339-DISCRETE-CORE-1

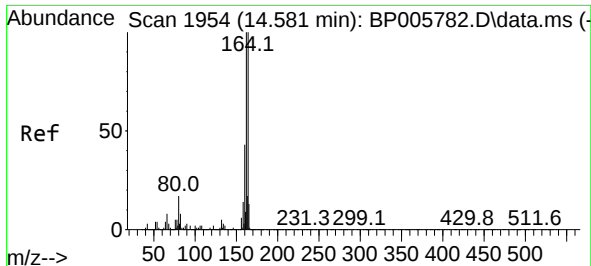
Tgt Ion: 82 Resp: 299342
Ion Ratio Lower Upper
82 100
128 44.1 35.7 53.5
54 41.5 35.0 52.4



#32
Benzoic acid
Concen: 6.326 ng
RT: 10.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

Tgt Ion: 122 Resp: 23
Ion Ratio Lower Upper
122 100
105 130.4 103.2 143.2
77 169.6 76.2 116.2#

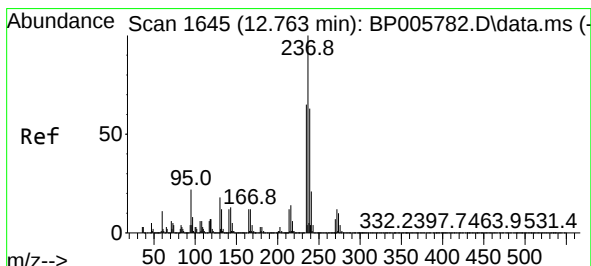
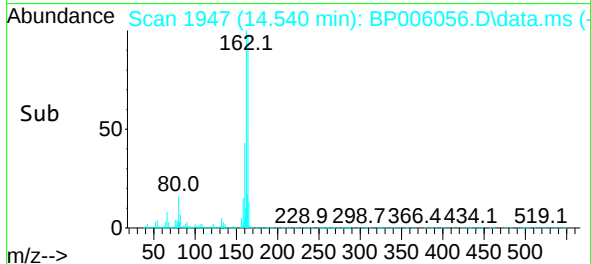
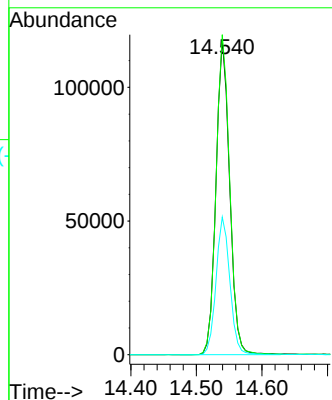
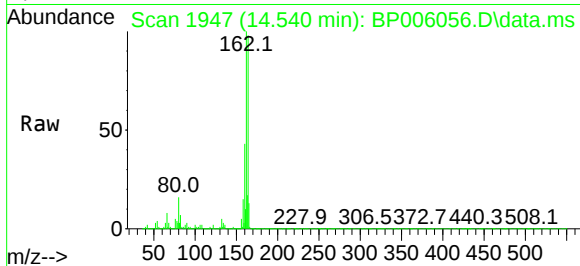




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

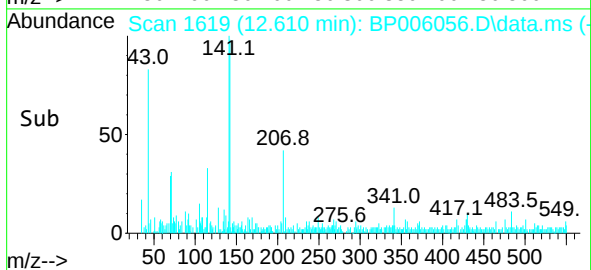
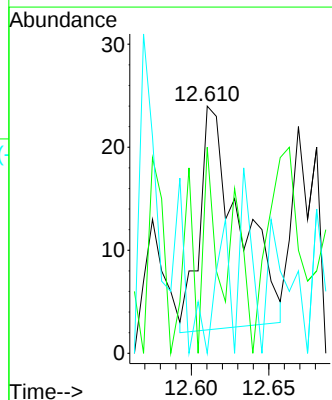
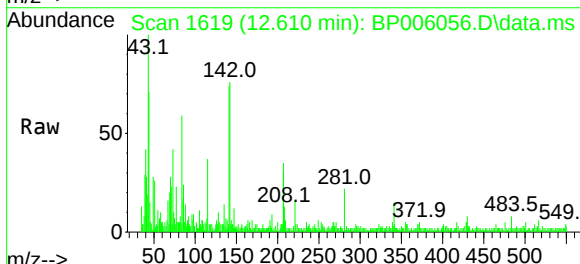
Instrument :
BNA_P
ClientSampleId :
0339-DISCRETE-CORE-1

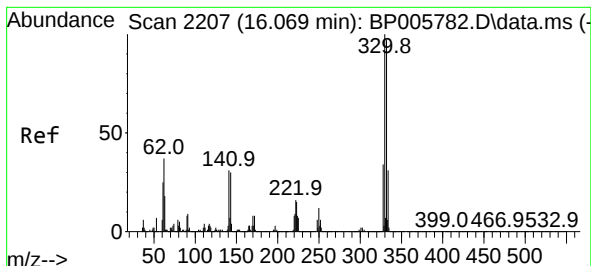
Tgt Ion:164 Resp: 170363
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 43.7 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.516 ng
RT: 12.610 min Scan# 1619
Delta R.T. -0.118 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

Tgt Ion:237 Resp: 39
Ion Ratio Lower Upper
237 100
235 83.3 44.5 84.5
272 0.0 0.0 32.5

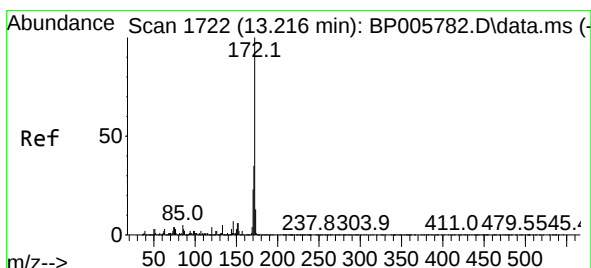
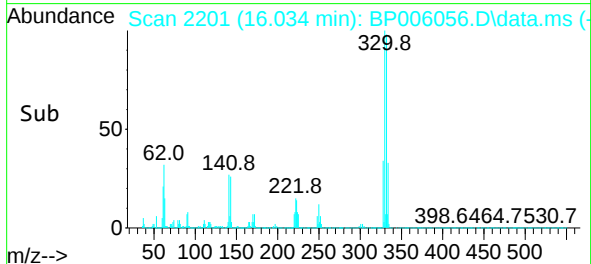
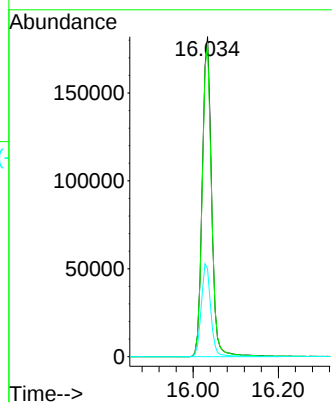
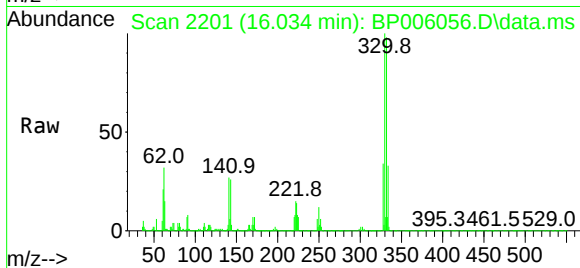




#42
2,4,6-Tribromophenol
Concen: 94.704 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

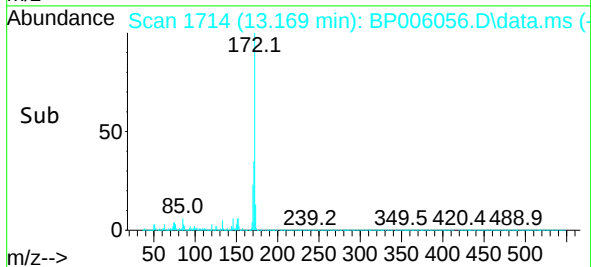
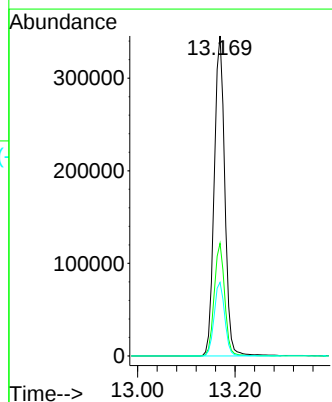
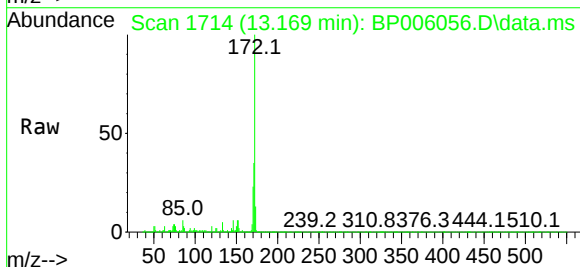
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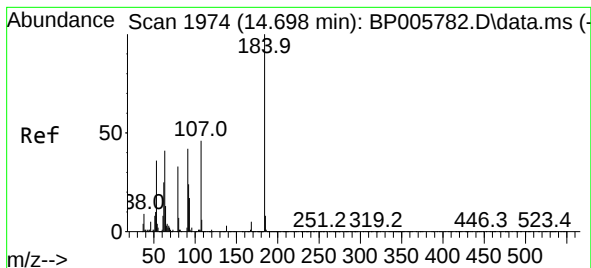
Tgt Ion: 330 Resp: 276873
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 29.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 39.984 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

Tgt Ion: 172 Resp: 518741
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.0 18.6 27.8

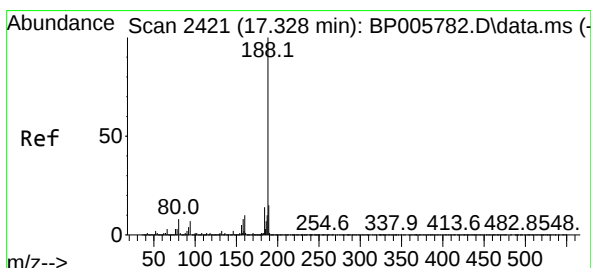
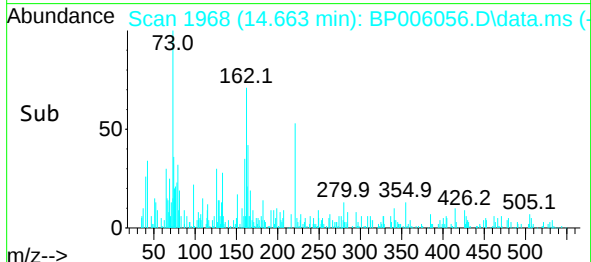
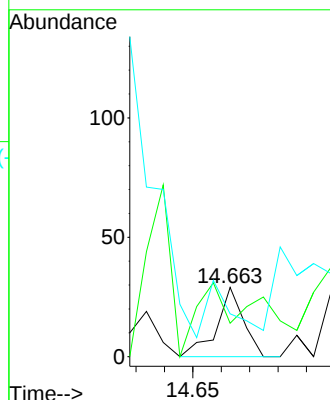
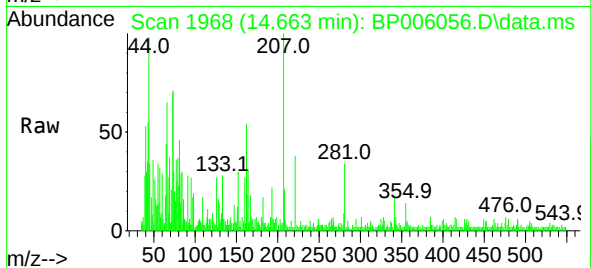




#54
2,4-Dinitrophenol
Concen: 4.858 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

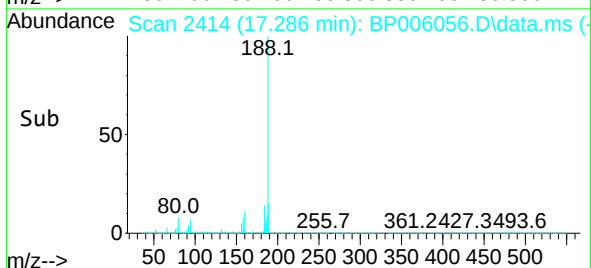
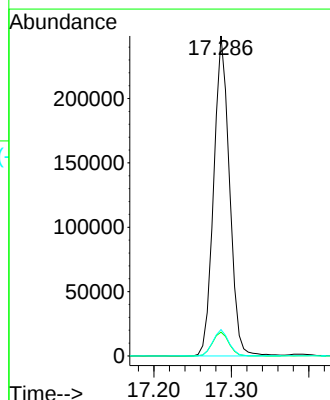
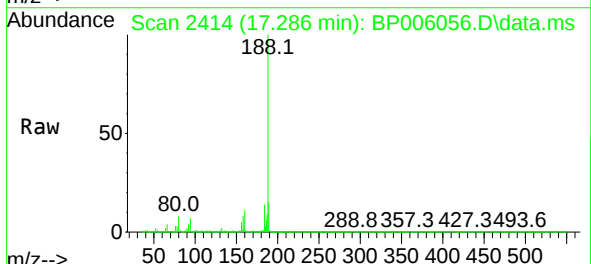
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0339-DISCRETE-CORE-1

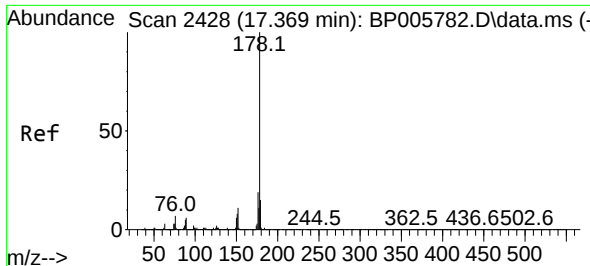
Tgt Ion:184	Resp:	19	
Ion	Ratio	Lower	Upper
184	100		
63	48.3	47.0	70.6
154	62.1	52.3	78.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

Tgt Ion:188	Resp:	351805	
Ion Ratio	Lower	Upper	
188 100			
94 7.5	5.6	8.4	
80 8.2	6.3	9.5	

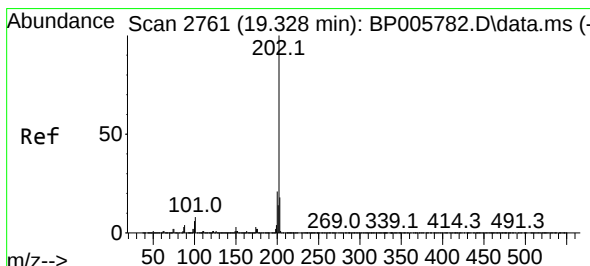
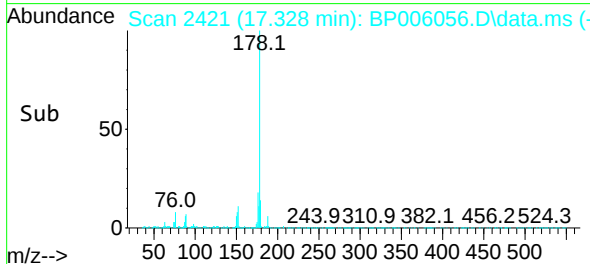
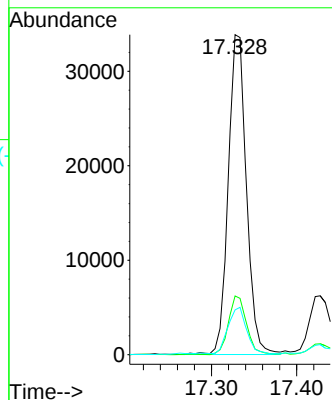
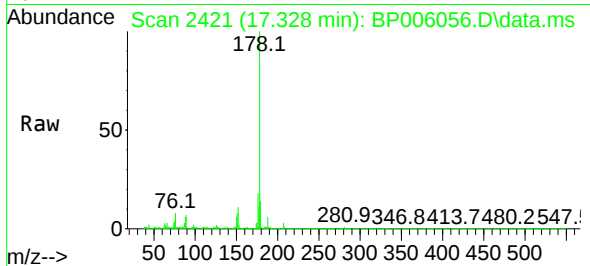




#71
Phenanthrene
Concen: 2.373 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

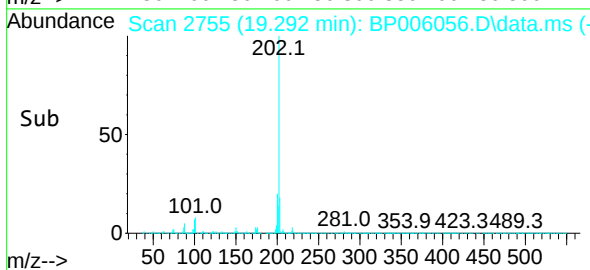
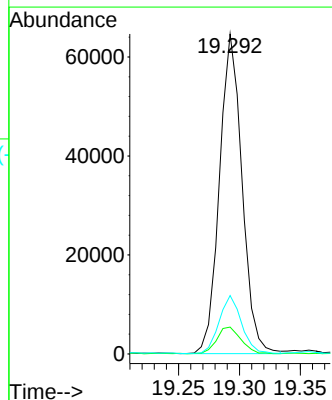
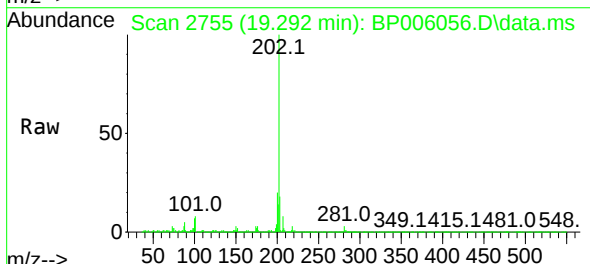
Instrument :
BNA_P
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0339-DISCRETE-CORE-1

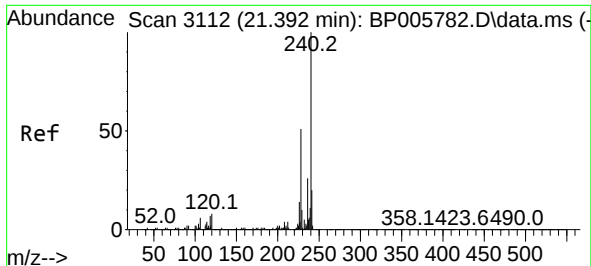
Tgt Ion:178 Resp: 50134
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 14.0 12.4 18.6



#75
Fluoranthene
Concen: 3.243 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

Tgt Ion:202 Resp: 83202
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.6
203 18.3 0.0 37.8

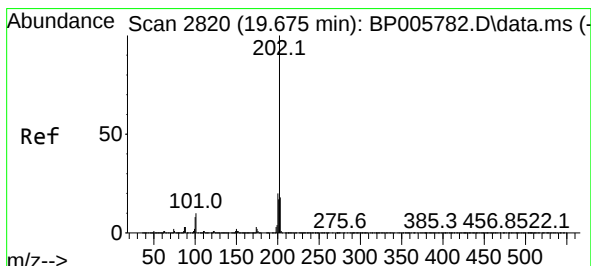
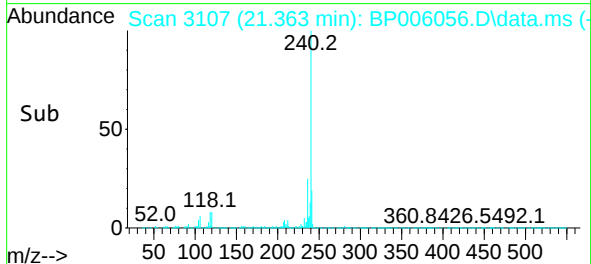
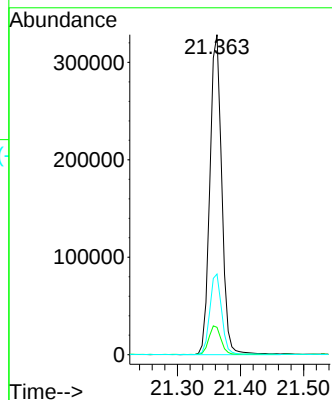
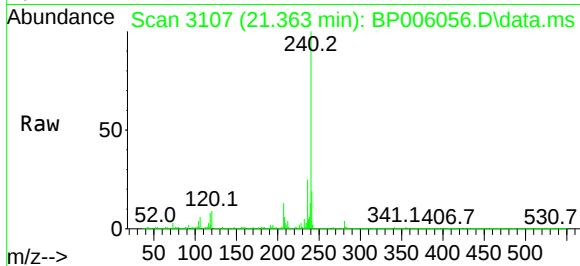




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

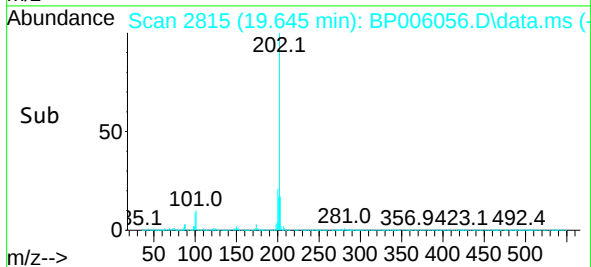
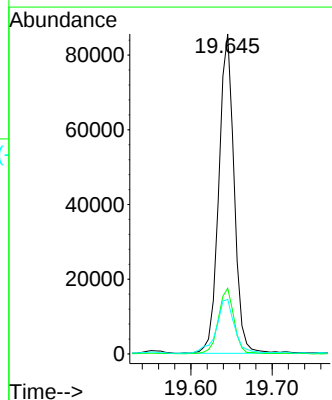
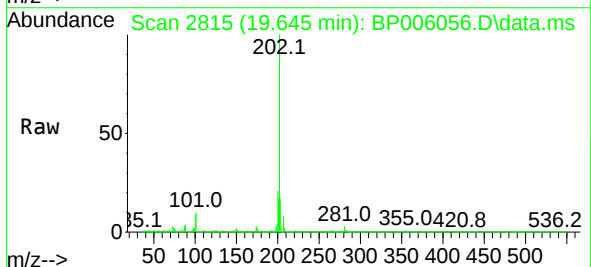
Instrument :
BNA_P
ClientSampleId :
0339-DISCRETE-CORE-1

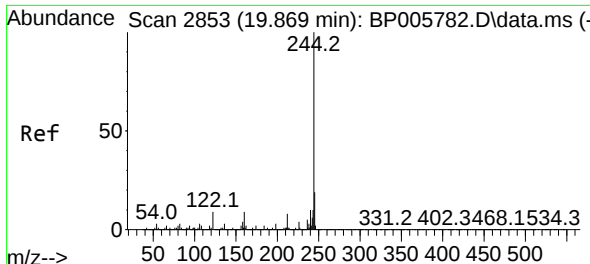
Tgt Ion:240 Resp: 428834
Ion Ratio Lower Upper
240 100
120 8.6 6.5 9.7
236 25.2 20.6 31.0



#78
Pyrene
Concen: 3.752 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

Tgt Ion:202 Resp: 112326
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 17.0 14.2 21.2

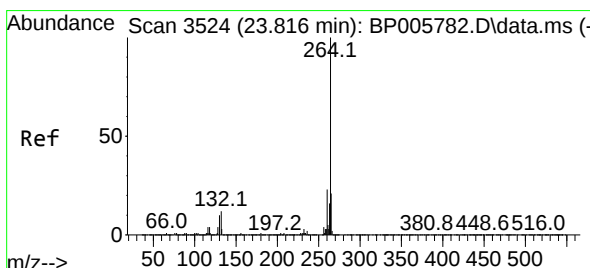
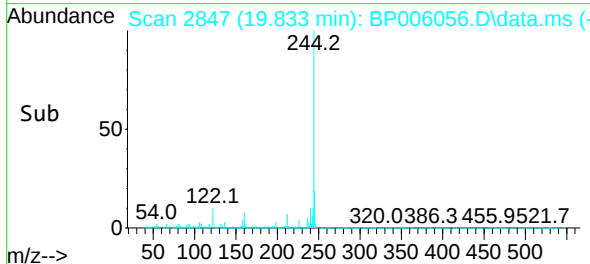
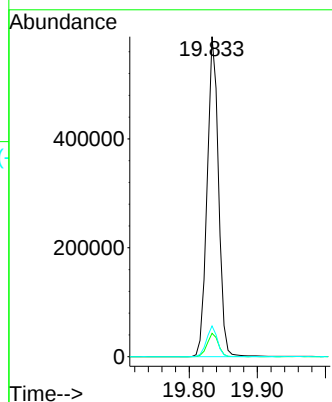
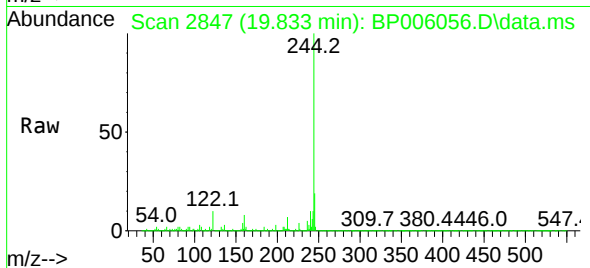




#79
Terphenyl-d14
Concen: 29.843 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.012 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

Instrument :
BNA_P
ClientSampleId :
0339-DISCRETE-CORE-1

Tgt Ion:244 Resp: 683461
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.6 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. -0.012 min
Lab File: BP006056.D
Acq: 24 Jun 2021 16:55

Tgt Ion:264 Resp: 501508
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 22.6 17.6 26.4

