

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005374.D
 Acq On : 22 Apr 2021 14:17
 Operator : CG/JU
 Sample : M2102-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB44882RT

Quant Time: Apr 22 15:00:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

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

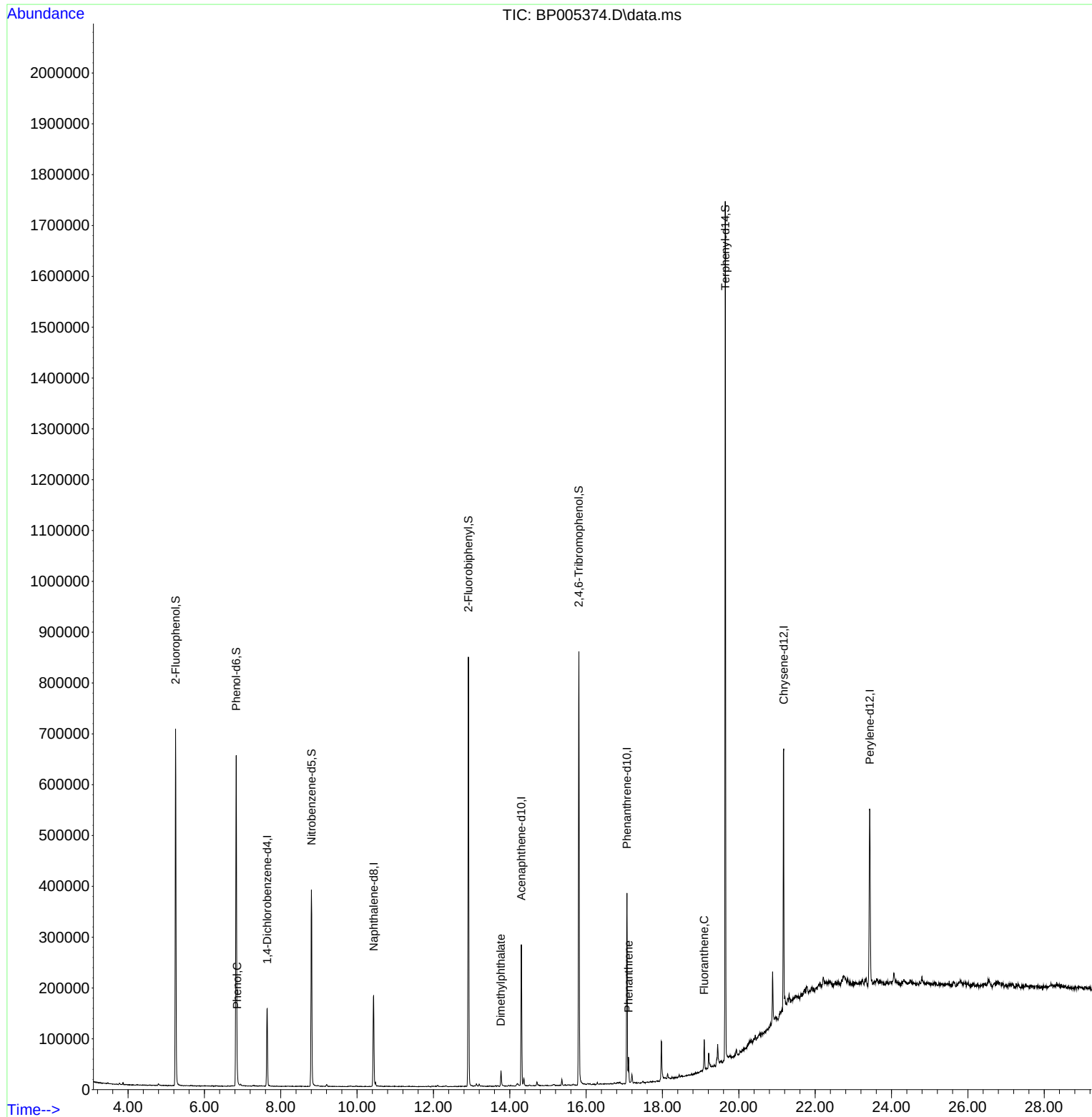
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	32133	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	116328	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	79562	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	194623	20.00	ng	0.00
76) Chrysene-d12	21.174	240	235321	20.00	ng	0.00
86) Perylene-d12	23.427	264	249147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	208850	112.90	ng	0.00
7) Phenol-d6	6.834	99	270313	106.06	ng	0.00
23) Nitrobenzene-d5	8.805	82	215975	80.75	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	129370	85.01	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	354149	57.62	ng	0.00
79) Terphenyl-d14	19.645	244	661334	52.08	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.858	94	5572	2.19	ng	# 21
50) Dimethylphthalate	13.769	163	15752	2.73	ng	# 97
71) Phenanthrene	17.110	178	25480	2.46	ng	95
75) Fluoranthene	19.092	202	30380	2.13	ng	97

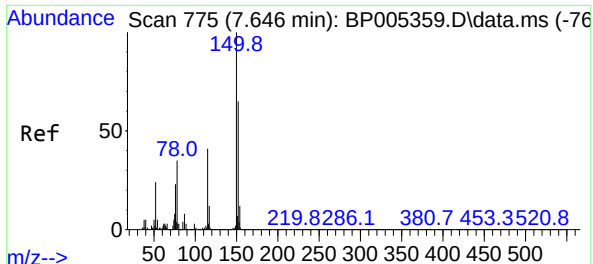
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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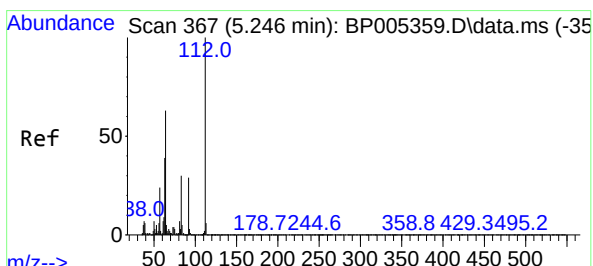
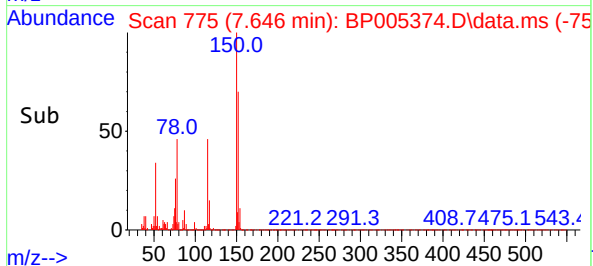
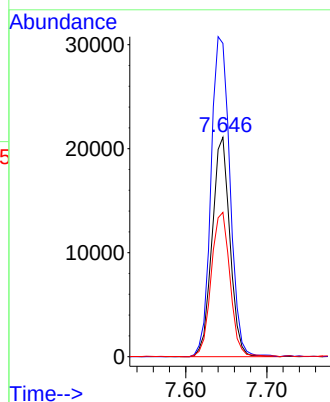
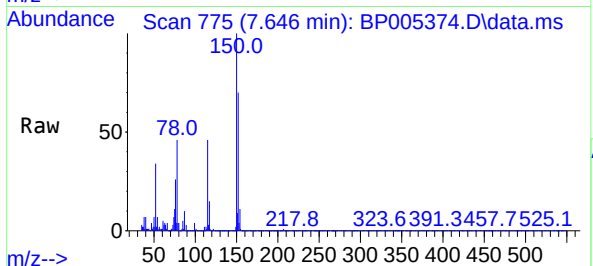




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

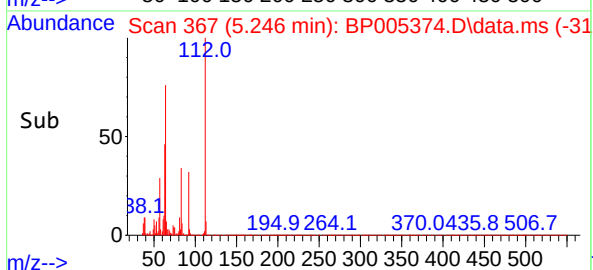
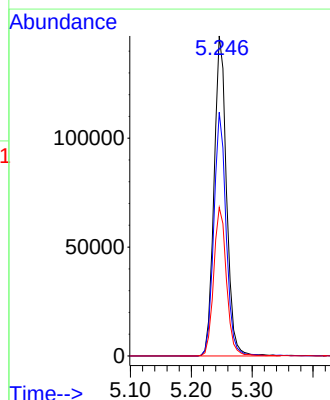
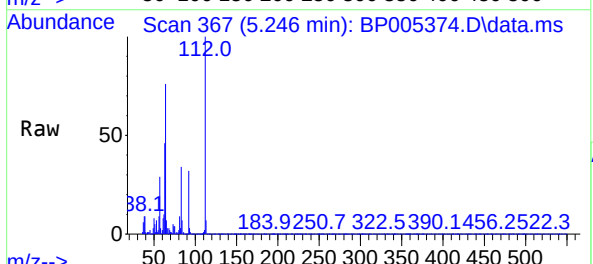
Instrument :
BNA_P
ClientSampleId :
RB44882RT

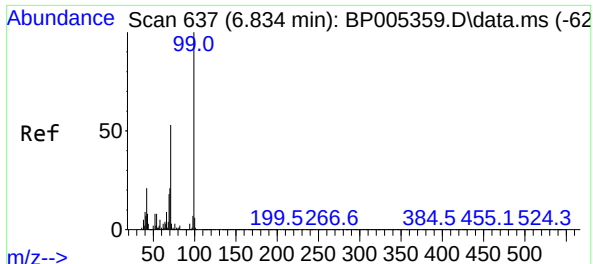
Tgt Ion:152 Resp: 32133
Ion Ratio Lower Upper
152 100
150 142.8 119.8 179.8
115 65.8 49.0 73.4



#5
2-Fluorophenol
Concen: 112.90 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:112 Resp: 208850
Ion Ratio Lower Upper
112 100
64 76.1 33.6 50.4#
63 46.4 18.6 27.8#

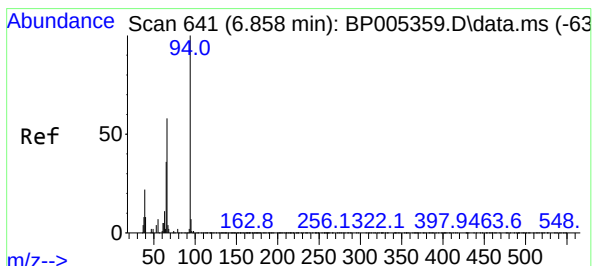
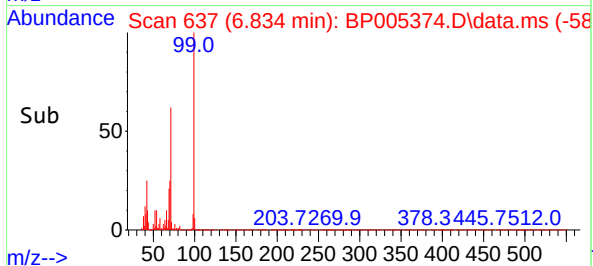
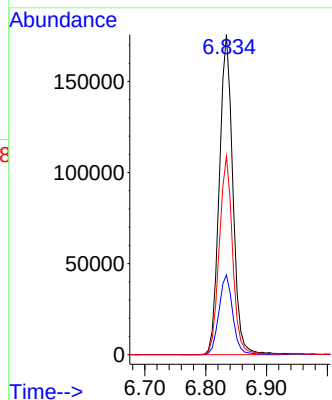
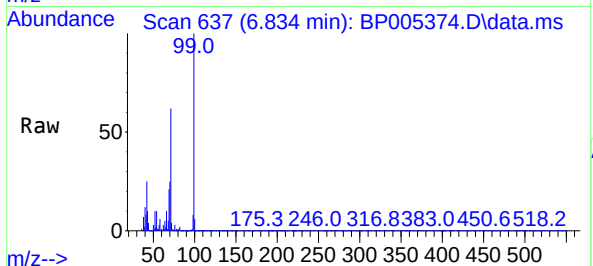




#7
Phenol-d6
Concen: 106.06 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

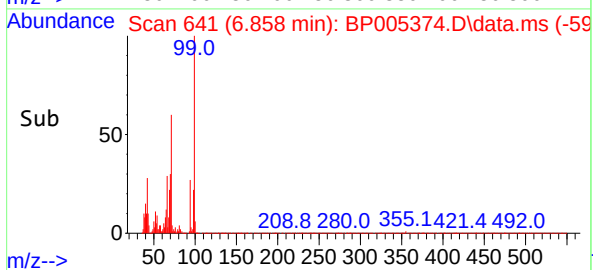
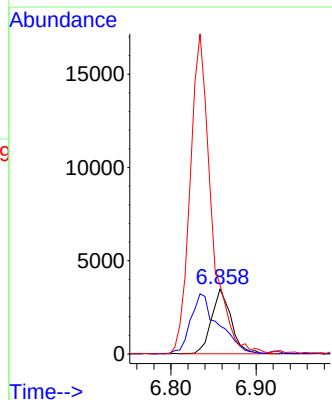
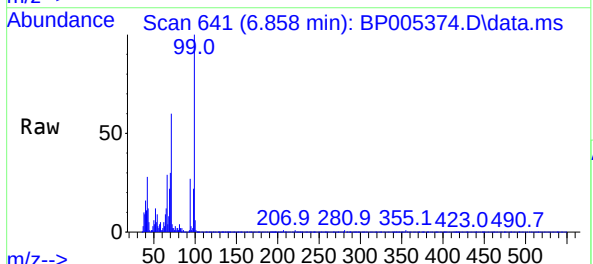
Instrument :
BNA_P
ClientSampleId :
RB44882RT

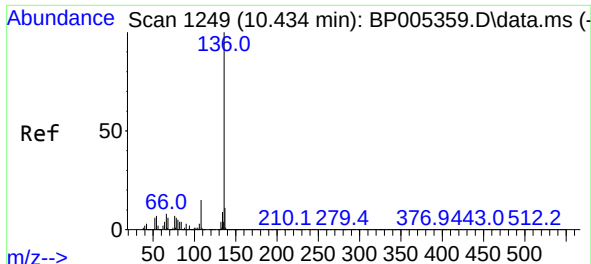
Tgt Ion: 99 Resp: 270313
Ion Ratio Lower Upper
99 100
42 24.9 12.9 19.3#
71 62.0 26.7 40.1#



#10
Phenol
Concen: 2.19 ng
RT: 6.858 min Scan# 641
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion: 94 Resp: 5572
Ion Ratio Lower Upper
94 100
65 43.2 8.0 48.0
66 106.7 17.3 57.3#

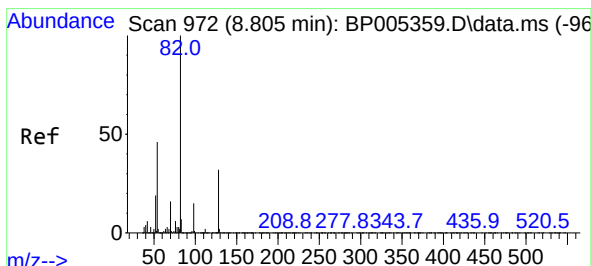
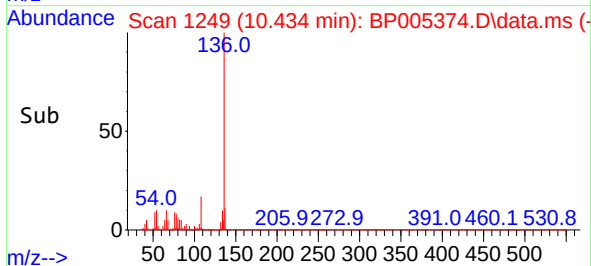
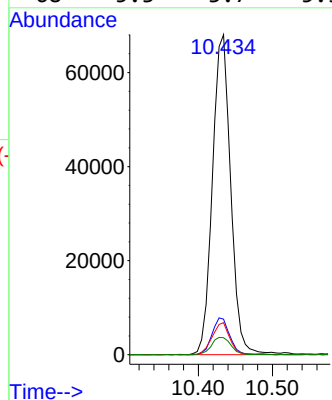
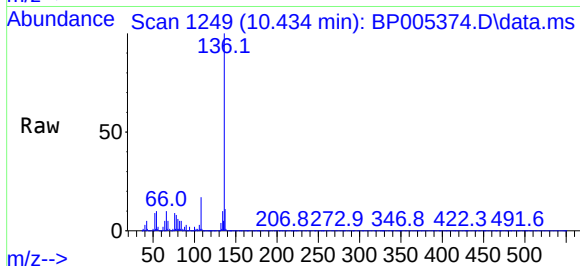




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

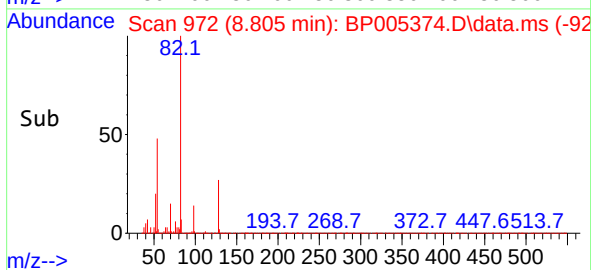
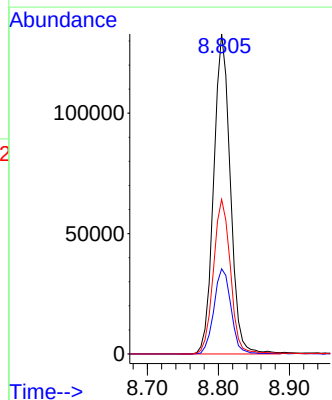
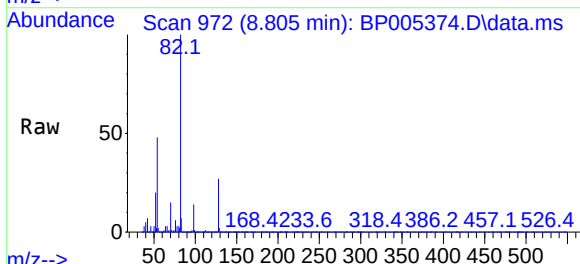
Instrument :
BNA_P
ClientSampleId :
RB44882RT

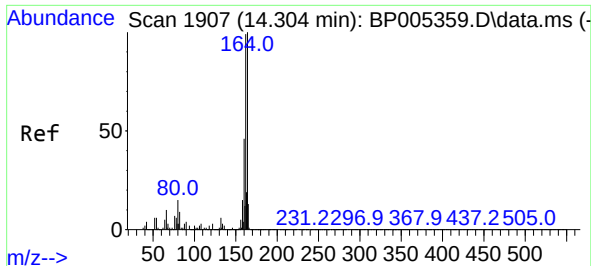
Tgt Ion:	136	Resp:	116328
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.0	5.0	7.4#
68	5.3	3.7	5.5



#23
Nitrobenzene-d5
Concen: 80.75 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:	82	Resp:	215975
Ion	Ratio	Lower	Upper
82	100		
128	26.6	30.5	45.7#
54	48.3	33.9	50.9

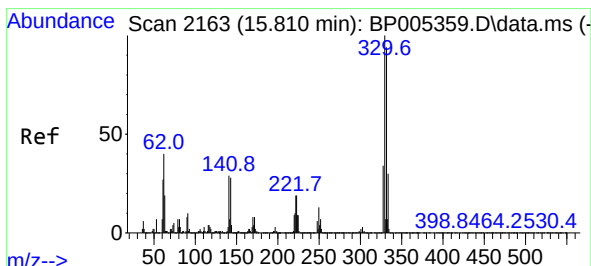
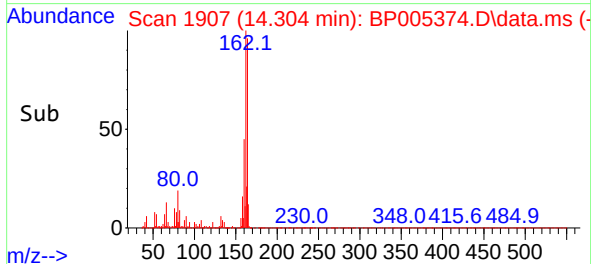
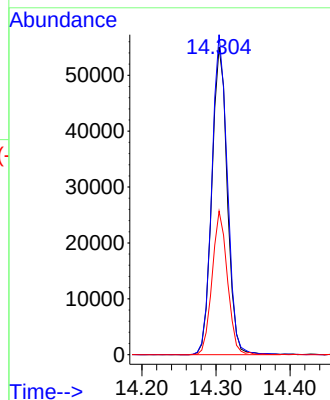
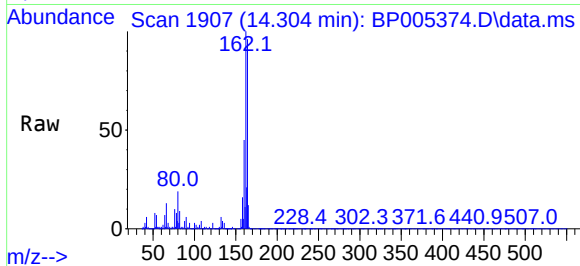




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

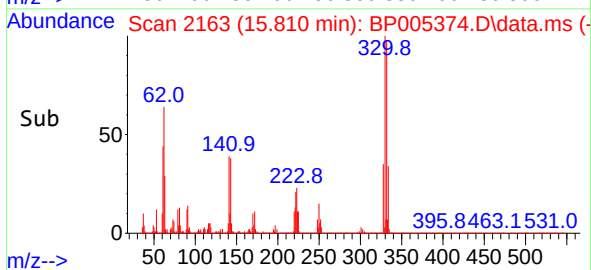
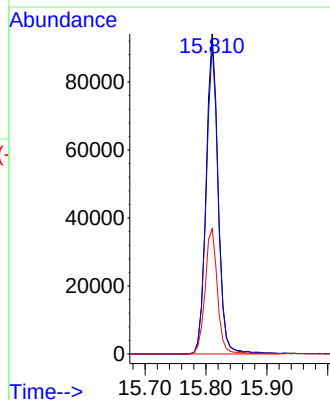
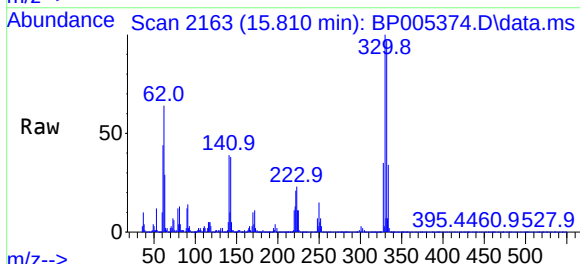
Instrument :
BNA_P
ClientSampleId :
RB44882RT

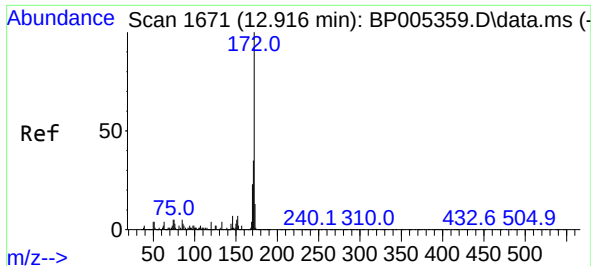
Tgt Ion:164 Resp: 79562
Ion Ratio Lower Upper
164 100
162 104.1 73.5 110.3
160 46.7 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 85.01 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:330 Resp: 129370
Ion Ratio Lower Upper
330 100
332 95.7 76.3 114.5
141 39.8 22.8 34.2#

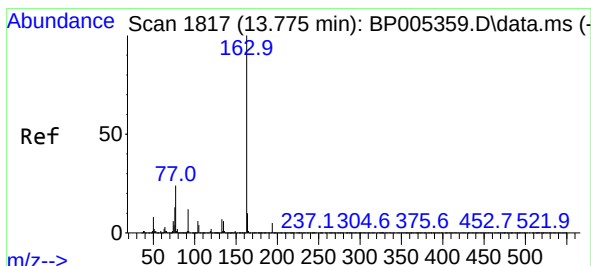
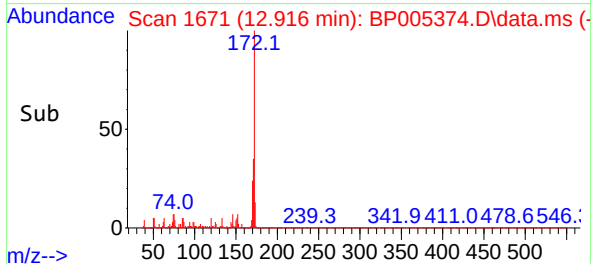
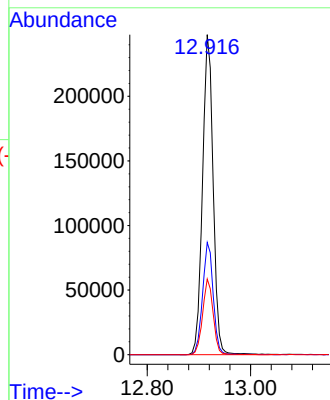
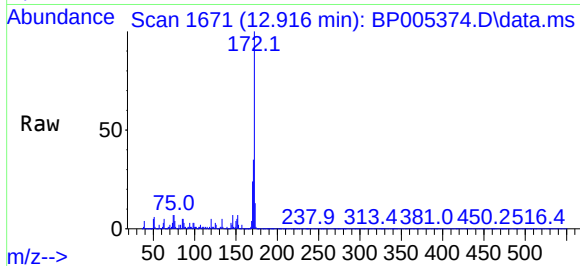




#45
2-Fluorobiphenyl
Concen: 57.62 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

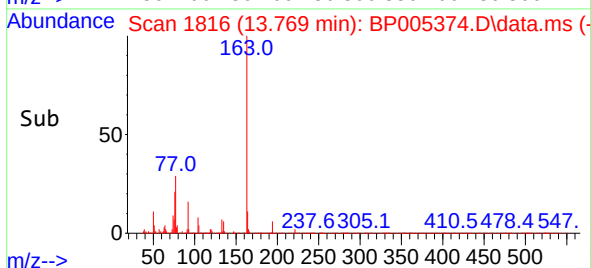
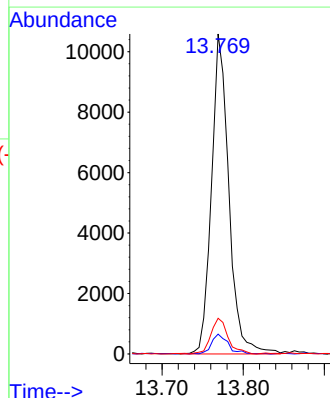
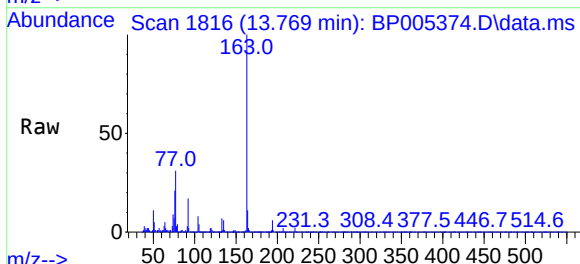
Instrument :
BNA_P
ClientSampleId :
RB44882RT

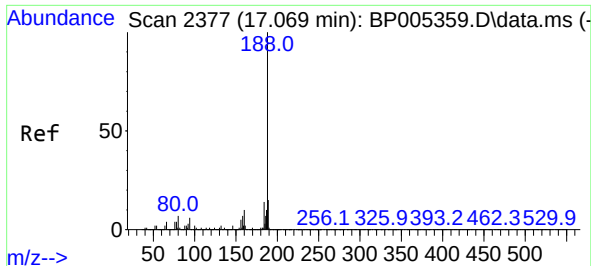
Tgt Ion:	172	Resp:	354149
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.1	42.1
170	23.6	19.6	29.4



#50
Dimethylphthalate
Concen: 2.73 ng
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:	163	Resp:	15752
Ion Ratio	Lower	Upper	
163	100		
194	6.2	3.9	5.9#
164	11.2	8.1	12.1

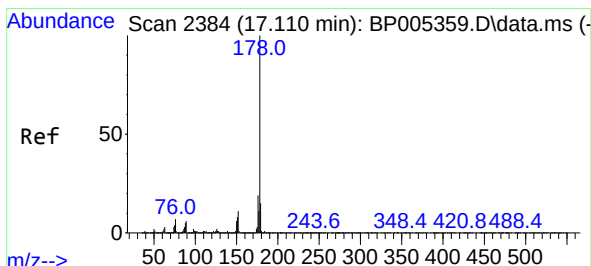
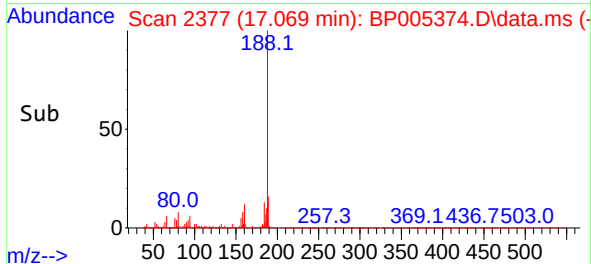
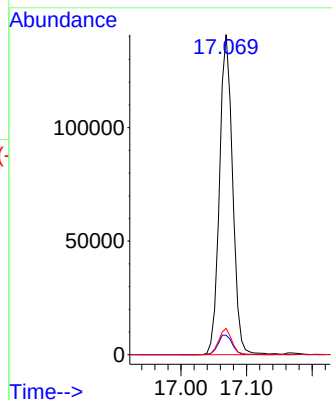
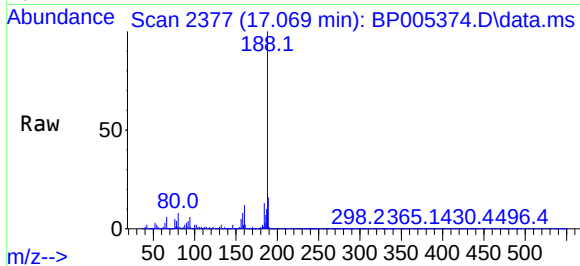




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

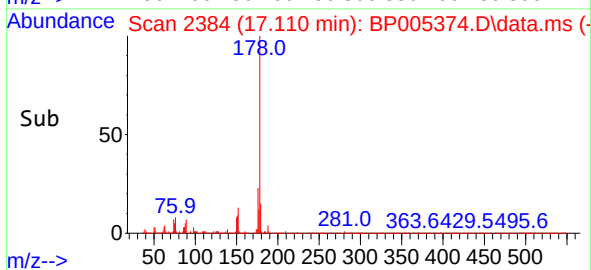
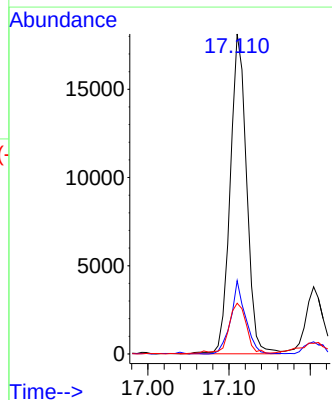
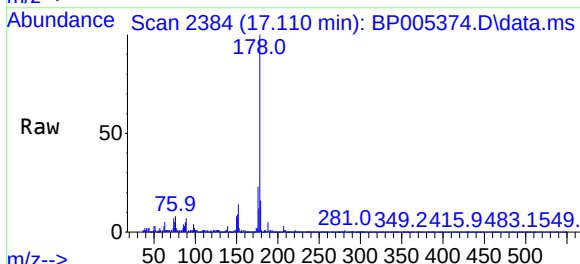
Instrument :
BNA_P
ClientSampleId :
RB44882RT

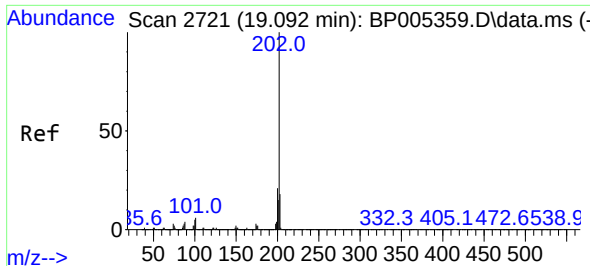
Tgt Ion:188 Resp: 194623
Ion Ratio Lower Upper
188 100
94 6.1 5.0 7.6
80 8.2 5.9 8.9



#71
Phenanthrene
Concen: 2.46 ng
RT: 17.110 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:178 Resp: 25480
Ion Ratio Lower Upper
178 100
176 22.9 15.4 23.2
179 15.9 12.3 18.5

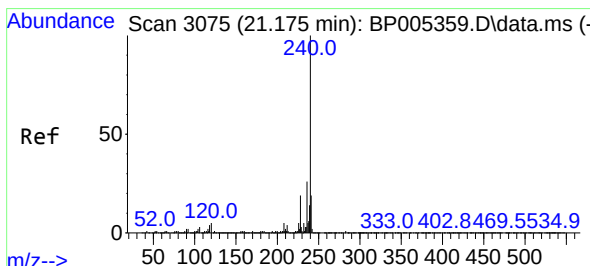
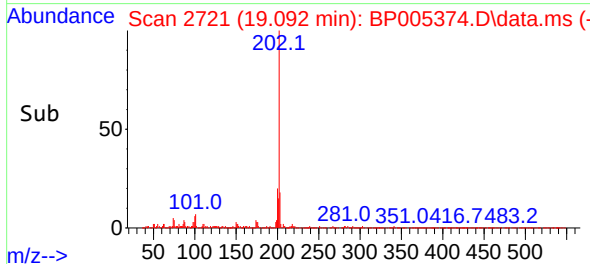
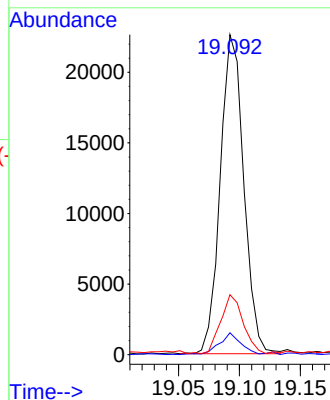
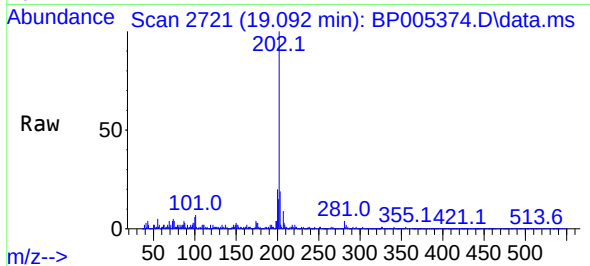




#75
Fluoranthene
Concen: 2.13 ng
RT: 19.092 min Scan# 2721
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

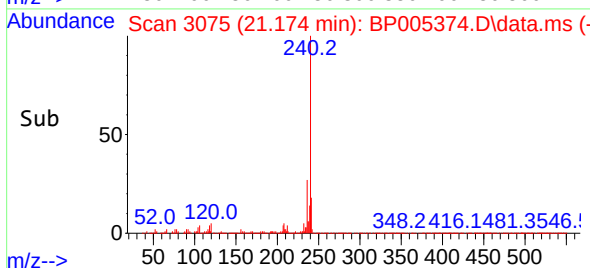
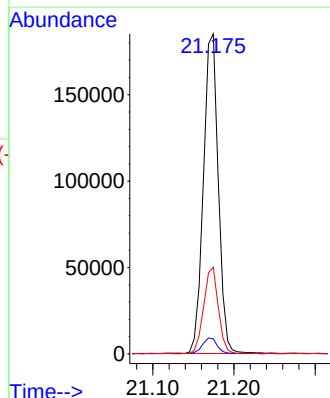
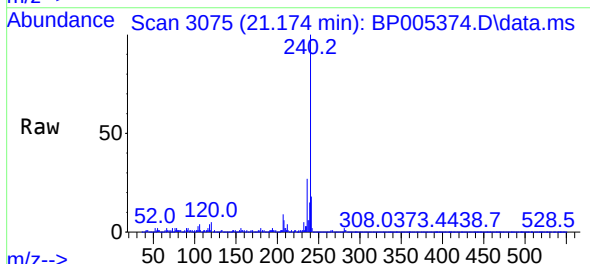
Instrument :
BNA_P
ClientSampleId :
RB44882RT

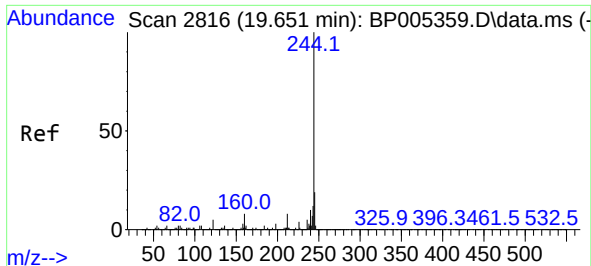
Tgt Ion:	202	Resp:	30380
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	26.1
203	18.8	0.0	37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.001 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:	240	Resp:	235321
Ion Ratio	Lower	Upper	
240	100		
120	4.8	4.2	6.2
236	27.1	20.2	30.2



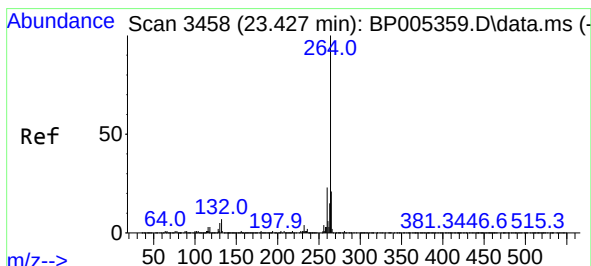
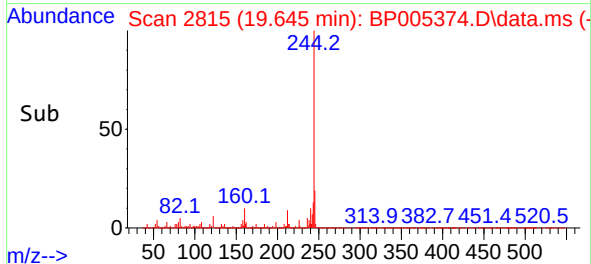
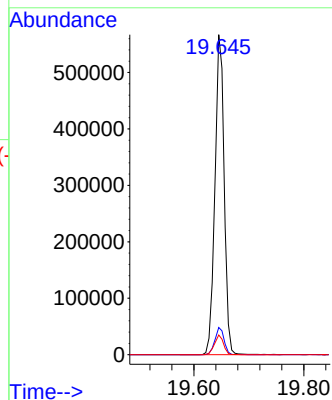
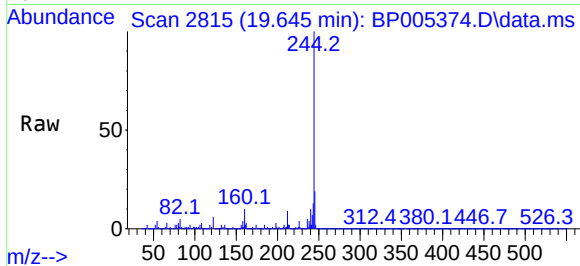


#79
Terphenyl-d14
Concen: 52.08 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Instrument :
BNA_P
ClientSampleId :
RB44882RT

Tgt Ion:244 Resp: 661334

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	6.2	5.2	7.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:264 Resp: 249147

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	22.4	19.0	28.6

