

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043021\
 Data File : BP005432.D
 Acq On : 30 Apr 2021 14:04
 Operator : CG/JU
 Sample : M2229-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-6

Quant Time: Apr 30 14:32:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 30 11:27:53 2021
 Response via : Initial Calibration

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

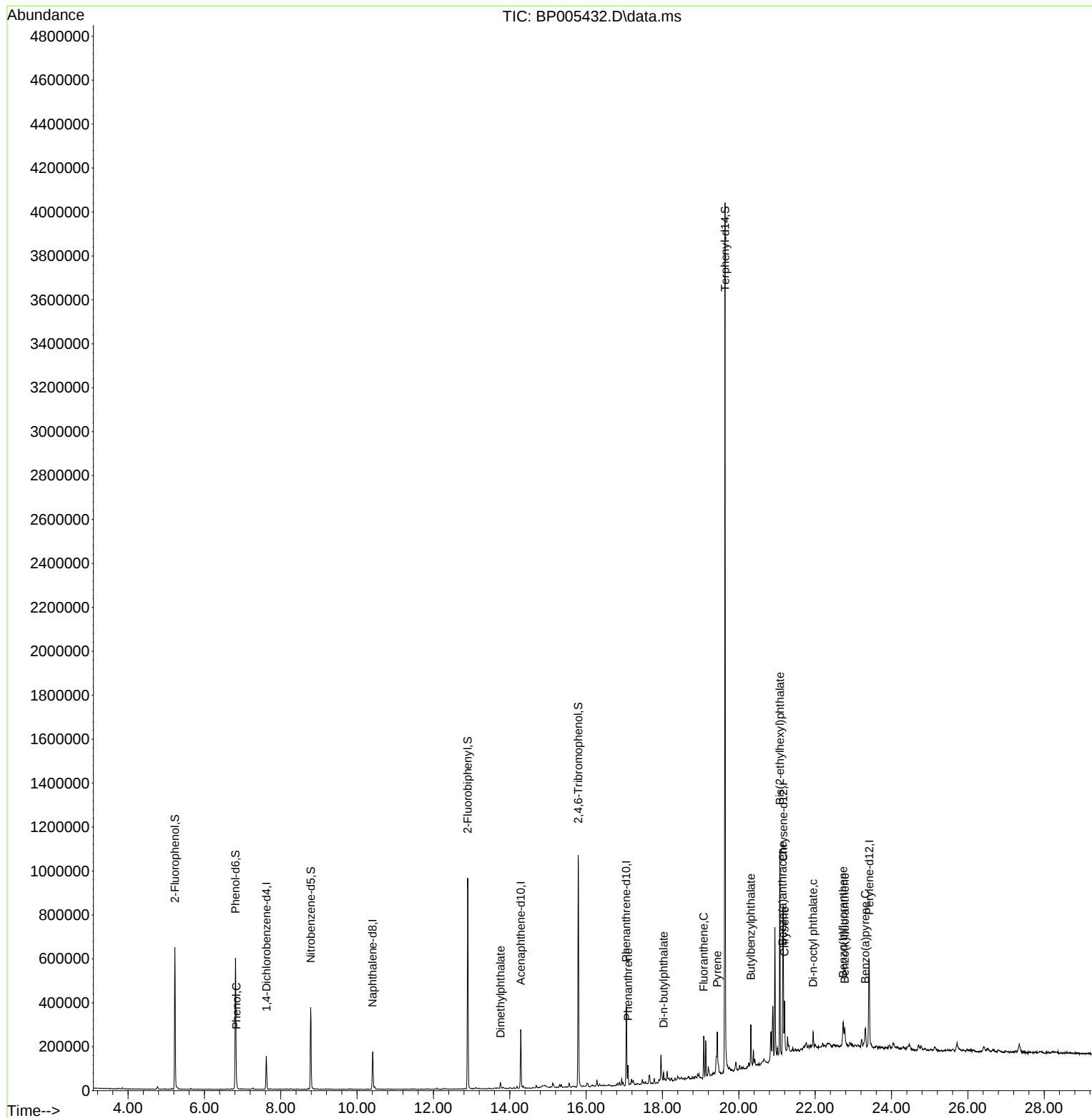
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	32401	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	114181	20.00	ng	0.00
39) Acenaphthene-d10	14.287	164	81273	20.00	ng	0.00
64) Phenanthrene-d10	17.051	188	196762	20.00	ng	0.00
76) Chrysene-d12	21.163	240	260459	20.00	ng	# 0.00
86) Perylene-d12	23.416	264	278349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	210014	113.40	ng	0.00
7) Phenol-d6	6.816	99	270898	104.51	ng	0.00
23) Nitrobenzene-d5	8.787	82	215181	66.79	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	177715	105.42	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	432126	63.47	ng	0.00
79) Terphenyl-d14	19.639	244	1613092	111.28	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.840	94	6662	2.58	ng	# 30
50) Dimethylphthalate	13.757	163	13626	2.07	ng	# 98
71) Phenanthrene	17.098	178	50684	4.74	ng	99
74) Di-n-butylphthalate	18.028	149	25792	2.47	ng	# 94
75) Fluoranthene	19.081	202	102112	6.93	ng	97
78) Pyrene	19.433	202	103612	6.96	ng	99
80) Butylbenzylphthalate	20.316	149	49461	10.37	ng	# 85
81) Benzo(a)anthracene	21.145	228	134659	7.97	ng	97
83) Chrysene	21.198	228	131633	7.99	ng	99
84) Bis(2-ethylhexyl)phtha...	21.075	149	290026	39.11	ng	97
85) Di-n-octyl phthalate	21.945	149	50364	4.00	ng	# 88
88) Benzo(b)fluoranthene	22.733	252	87413	4.72	ng	99
89) Benzo(k)fluoranthene	22.774	252	56990	3.22	ng	94
90) Benzo(a)pyrene	23.316	252	64007	3.79	ng	# 96

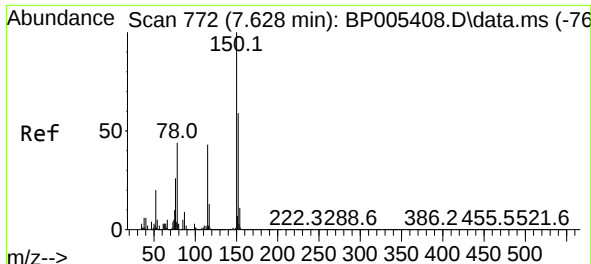
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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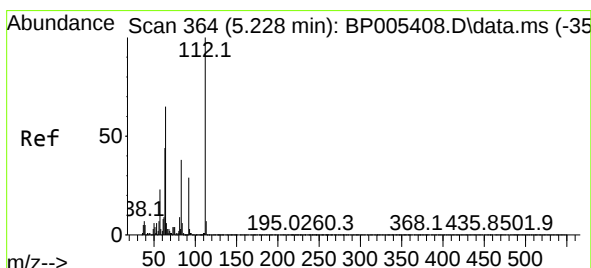
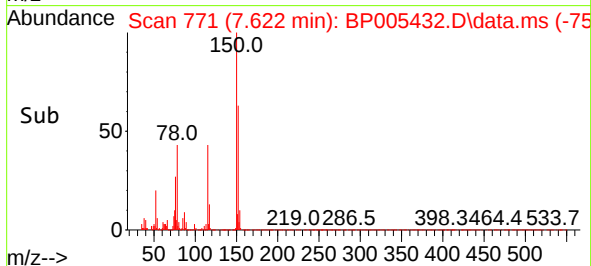
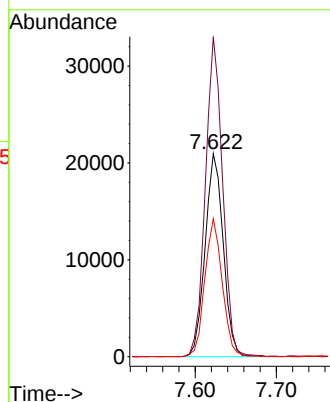
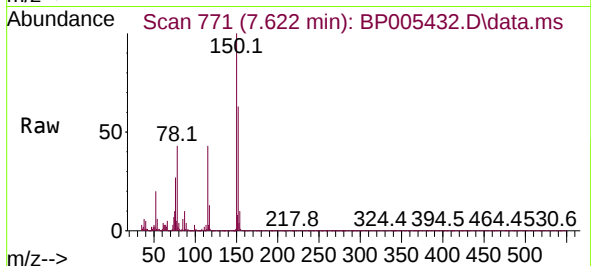




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

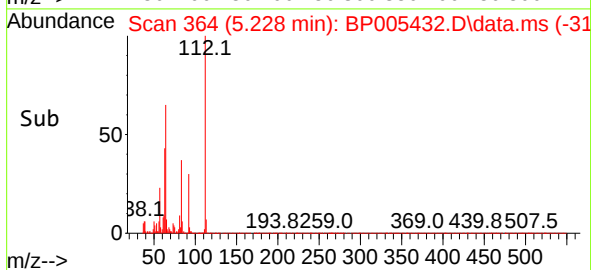
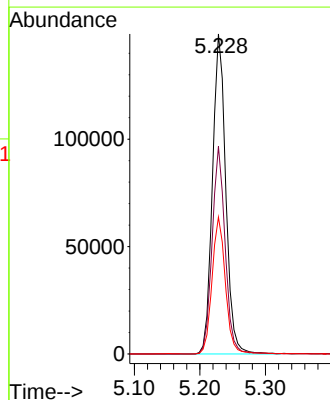
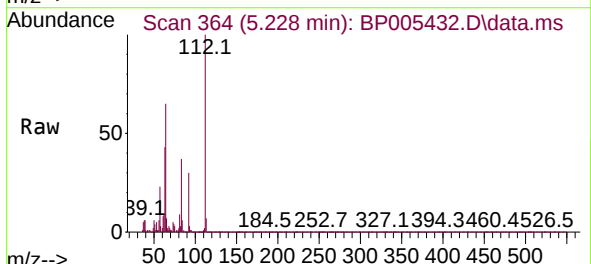
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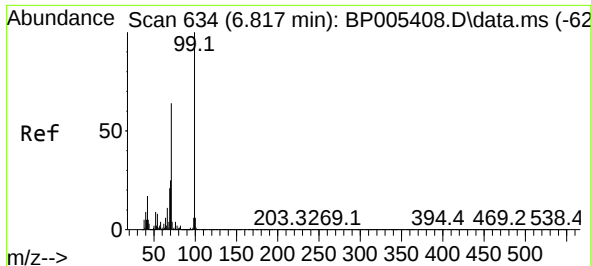
Tgt Ion:152 Resp: 32401
Ion Ratio Lower Upper
152 100
150 157.7 119.8 179.8
115 68.0 49.0 73.4



#5
2-Fluorophenol
Concen: 113.40 ng
RT: 5.228 min Scan# 364
Delta R.T. -0.000 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Tgt Ion:112 Resp: 210014
Ion Ratio Lower Upper
112 100
64 64.8 33.6 50.4#
63 42.8 18.6 27.8#

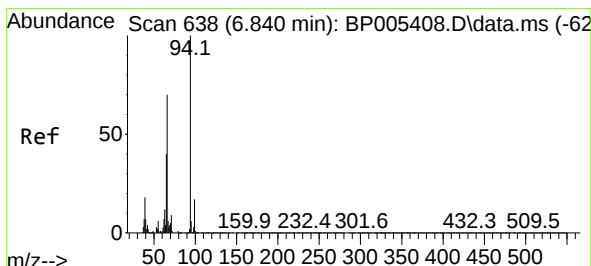
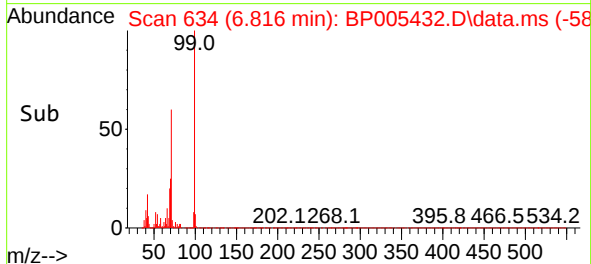
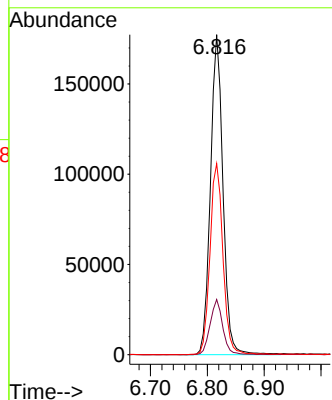
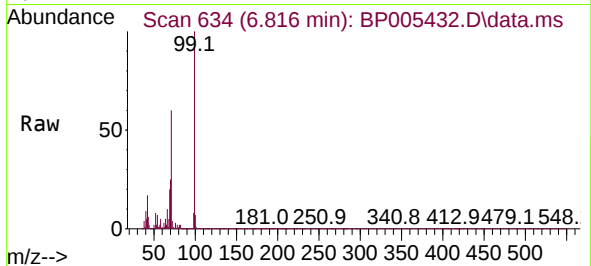




#7
Phenol-d6
Concen: 104.51 ng
RT: 6.816 min Scan# 634
Delta R.T. -0.000 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

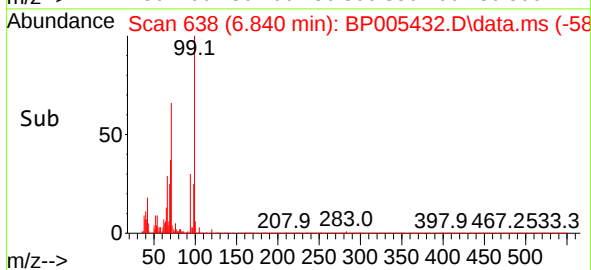
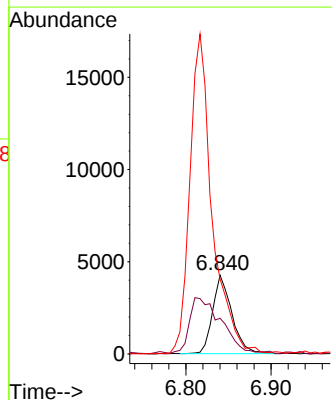
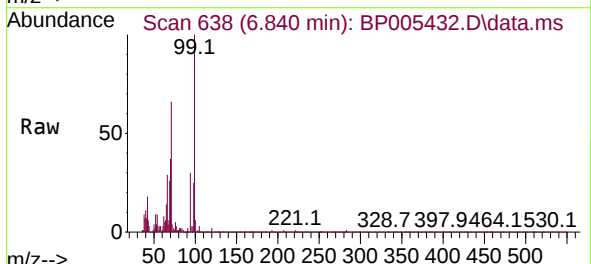
Instrument :
BNA_P
ClientSampleId :
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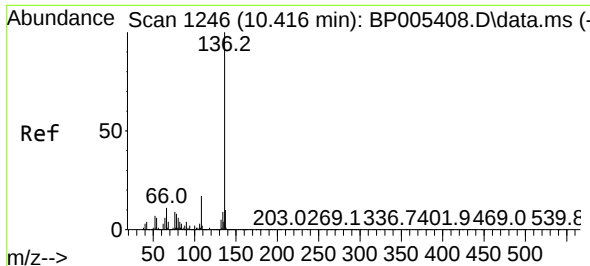
Tgt Ion: 99 Resp: 270898
Ion Ratio Lower Upper
99 100
42 17.3 12.9 19.3
71 59.7 26.7 40.1#



#10
Phenol
Concen: 2.58 ng
RT: 6.840 min Scan# 638
Delta R.T. -0.000 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Tgt Ion: 94 Resp: 6662
Ion Ratio Lower Upper
94 100
65 45.3 8.0 48.0
66 95.3 17.3 57.3#

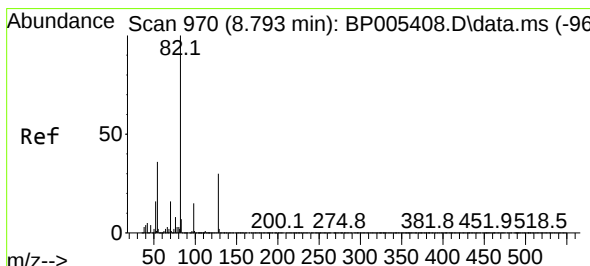
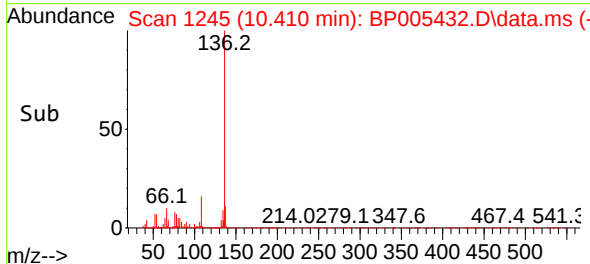
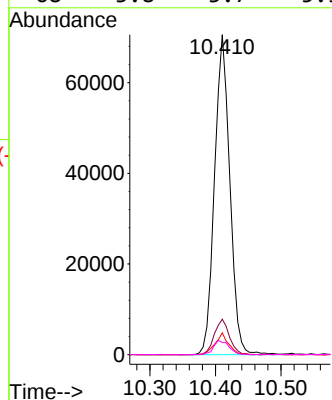
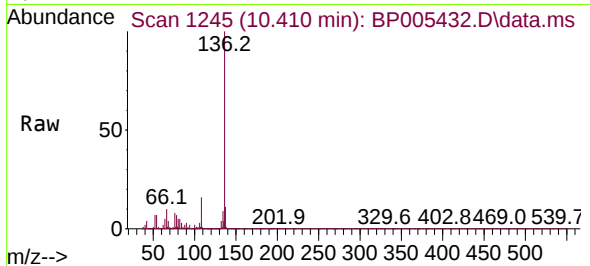




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

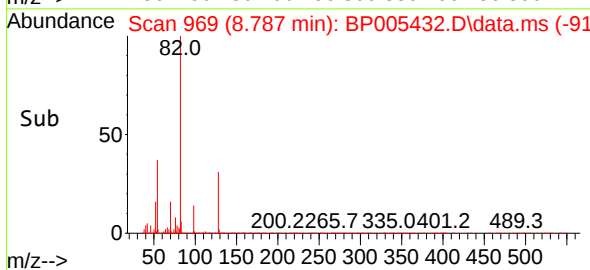
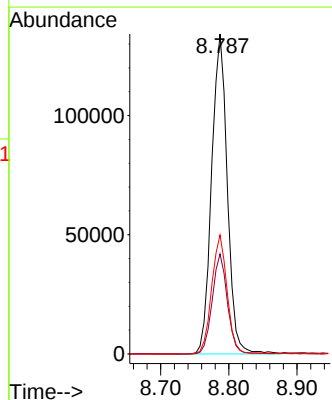
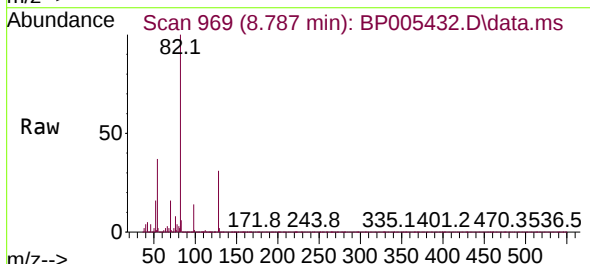
Instrument :
BNA_P
ClientSampleId :
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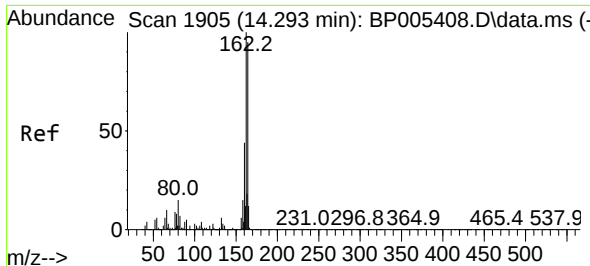
Tgt Ion:	136	Resp:	114181
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	6.8	5.0	7.4
68	3.8	3.7	5.5



#23
Nitrobenzene-d5
Concen: 66.79 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Tgt Ion:	82	Resp:	215181
Ion Ratio	Lower	Upper	
82	100		
128	31.3	30.5	45.7
54	37.2	33.9	50.9

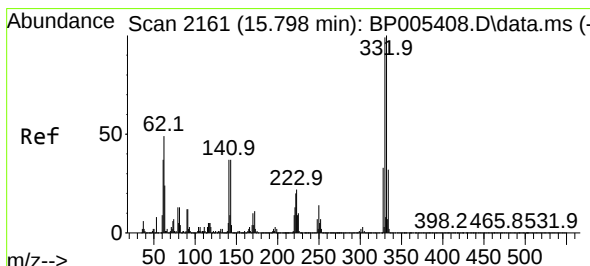
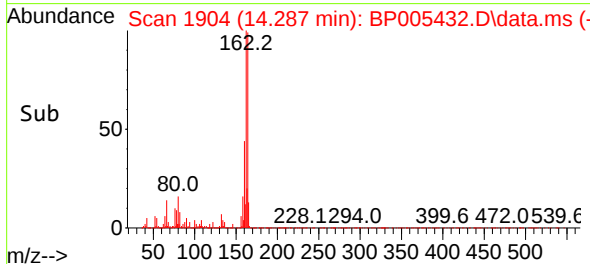
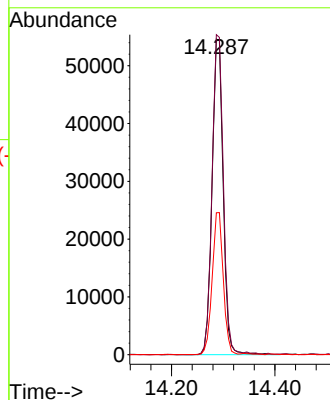
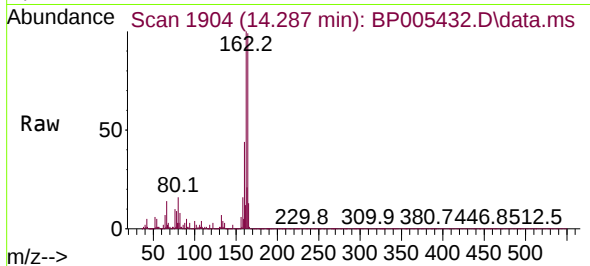




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

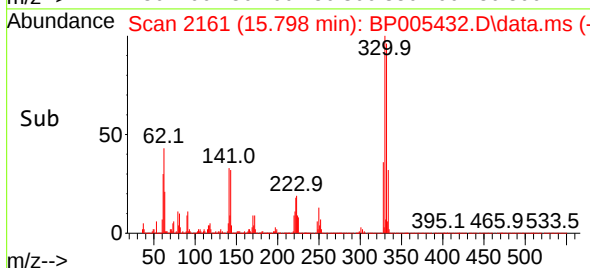
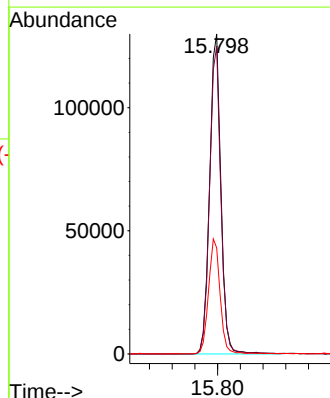
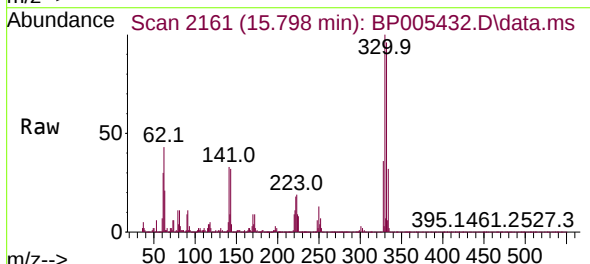
Instrument :
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ClientSampleId :
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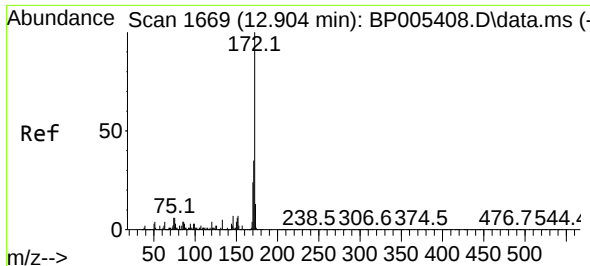
Tgt Ion:	164	Resp:	81273
Ion	Ratio	Lower	Upper
164	100		
162	101.4	73.5	110.3
160	45.0	40.6	61.0



#42
2,4,6-Tribromophenol
Concen: 105.42 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Tgt Ion:	330	Resp:	177715
Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.3	114.5
141	36.6	22.8	34.2

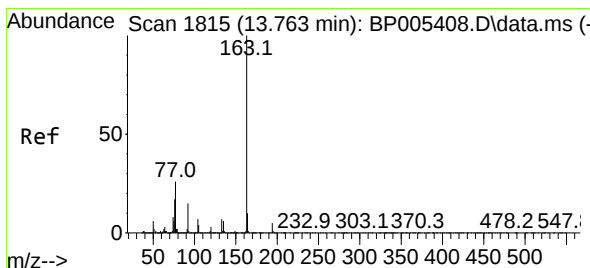
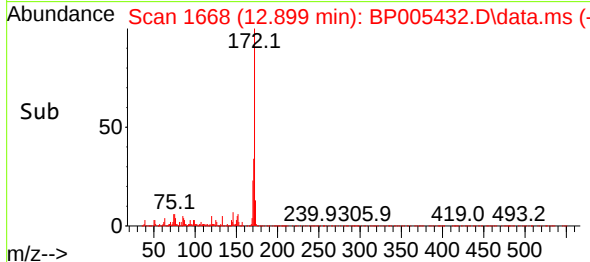
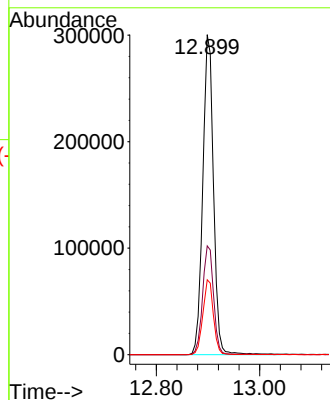
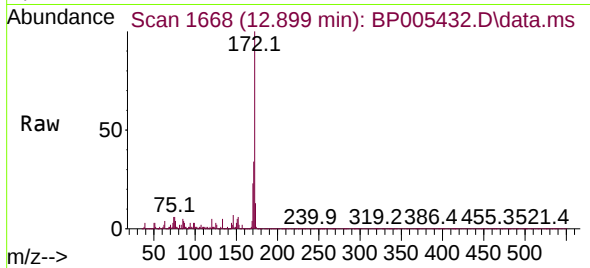




#45
2-Fluorobiphenyl
Concen: 63.47 ng
RT: 12.899 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

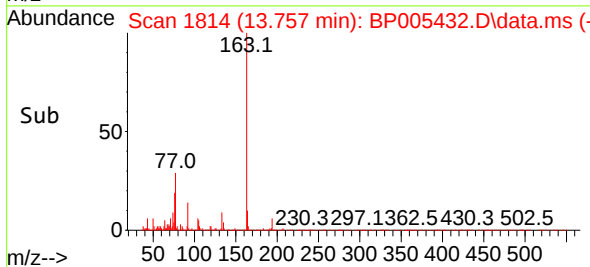
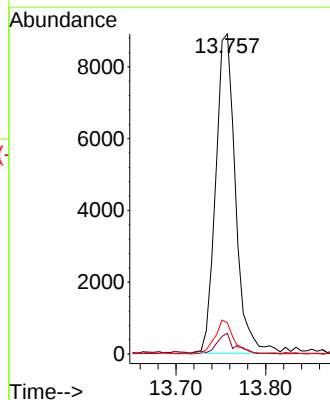
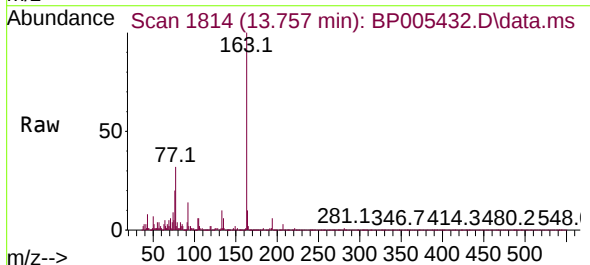
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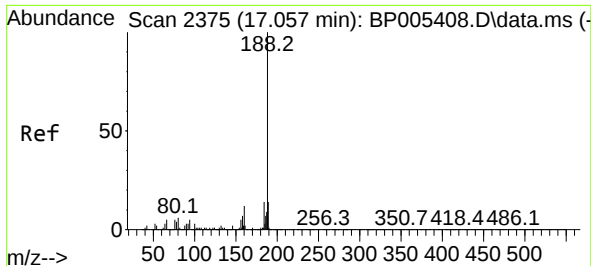
Tgt Ion:172 Resp: 432126
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 23.4 19.6 29.4



#50
Dimethylphthalate
Concen: 2.07 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Tgt Ion:163 Resp: 13626
Ion Ratio Lower Upper
163 100
194 6.5 3.9 5.9#
164 9.7 8.1 12.1

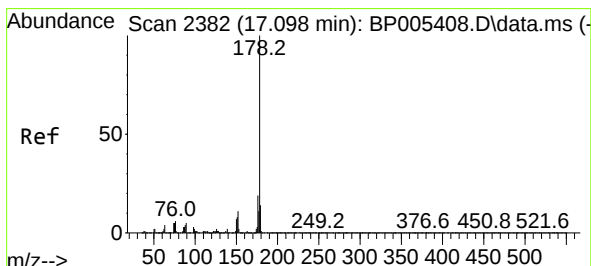
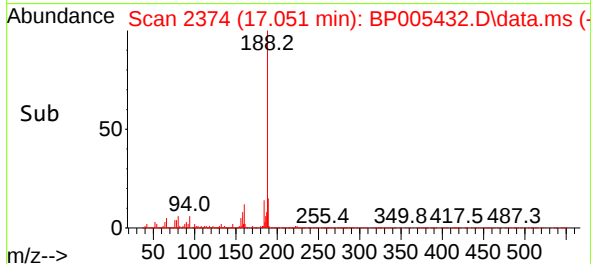
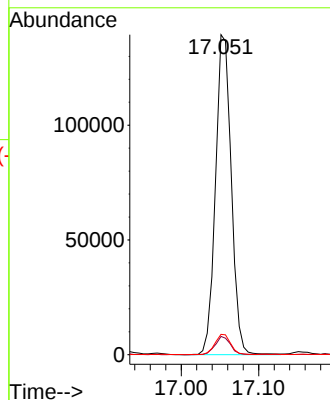
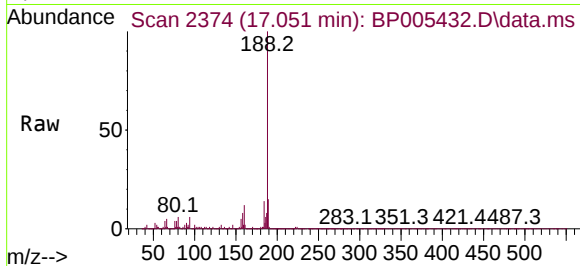




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.051 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

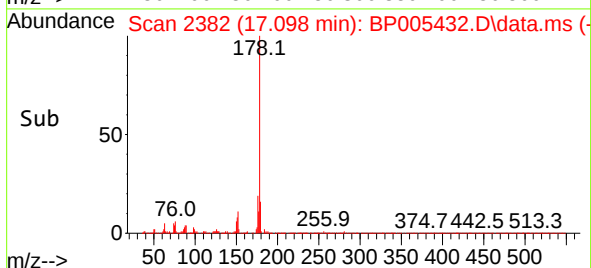
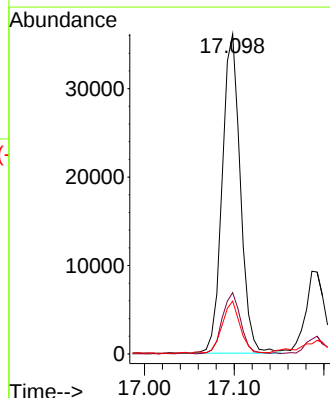
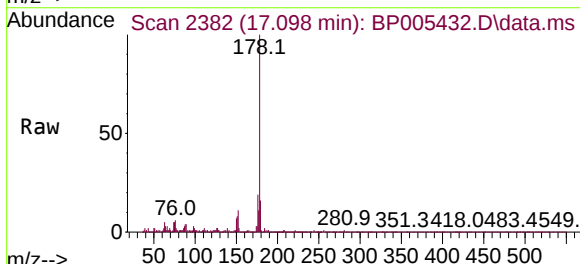
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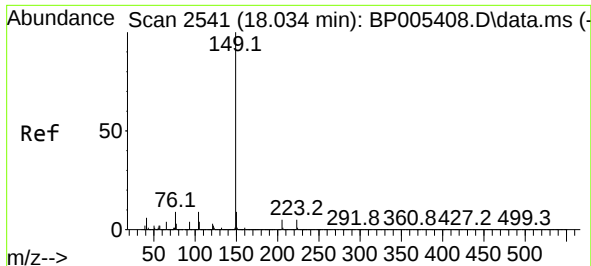
Tgt Ion:188 Resp: 196762
Ion Ratio Lower Upper
188 100
94 5.7 5.0 7.6
80 6.4 5.9 8.9



#71
Phenanthrene
Concen: 4.74 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Tgt Ion:178 Resp: 50684
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 16.5 12.3 18.5

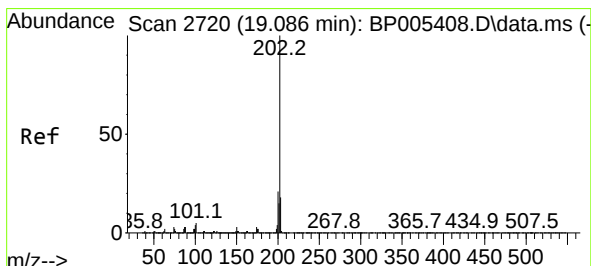
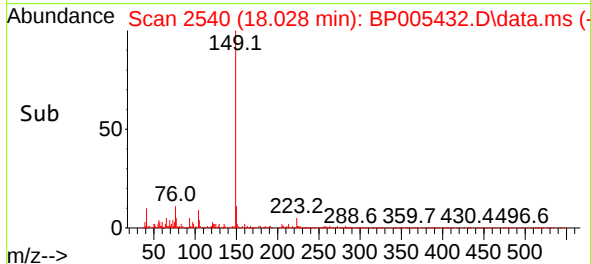
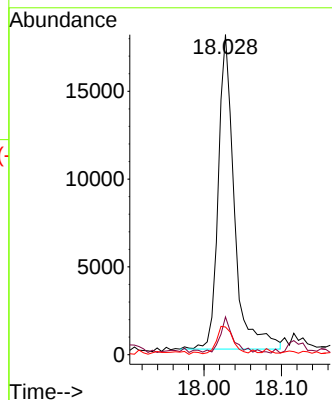
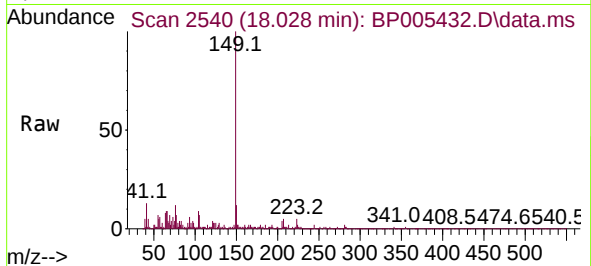




#74
Di-n-butylphthalate
Concen: 2.47 ng
RT: 18.028 min Scan# 2540
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

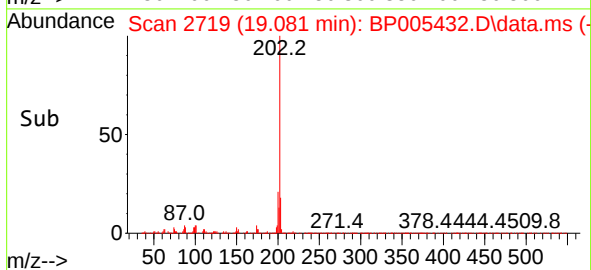
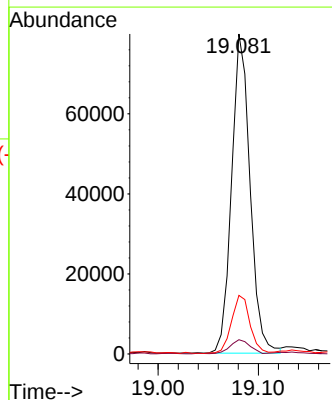
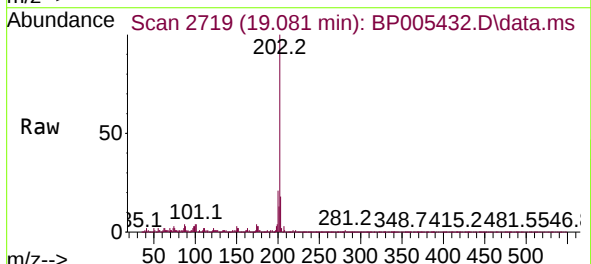
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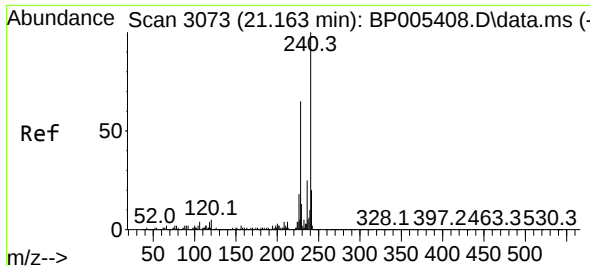
Tgt Ion:149 Resp: 25792
Ion Ratio Lower Upper
149 100
150 11.8 7.6 11.4#
104 8.6 8.9 13.3#



#75
Fluoranthene
Concen: 6.93 ng
RT: 19.081 min Scan# 2719
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Tgt Ion:202 Resp: 102112
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.1
203 18.3 0.0 37.2

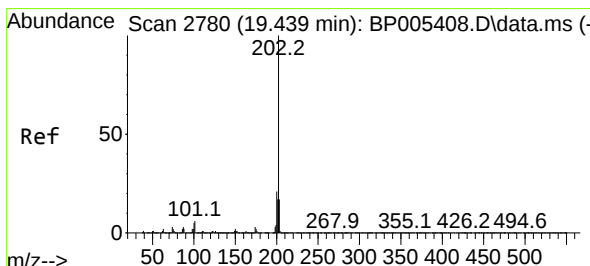
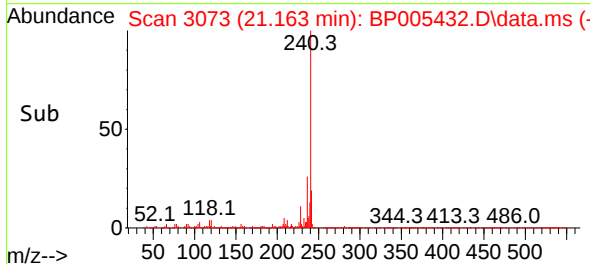
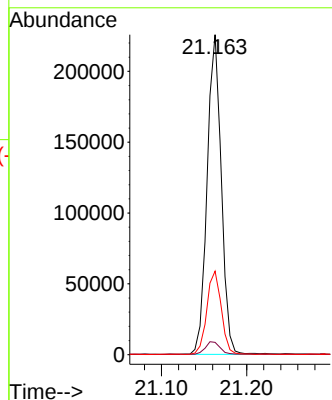
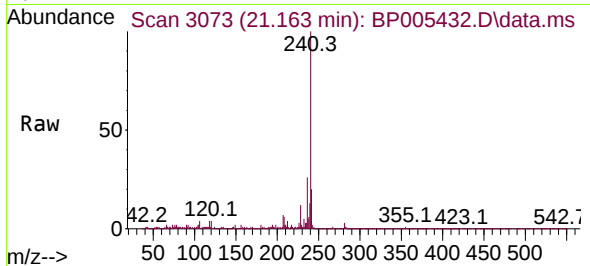




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.163 min Scan# 3073
Delta R.T. -0.000 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

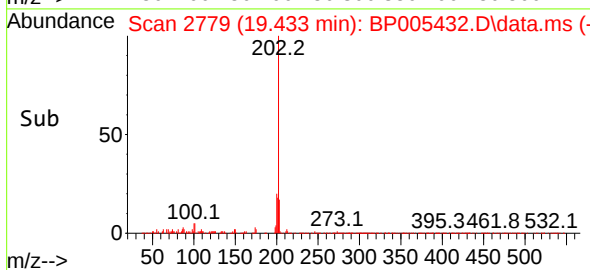
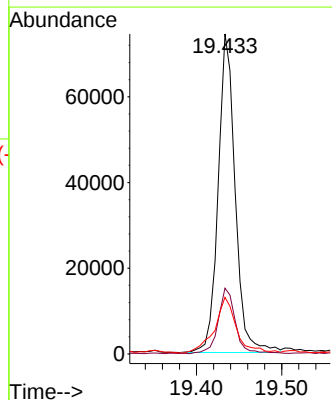
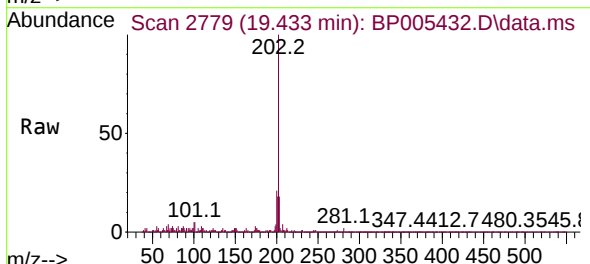
Instrument :
BNA_P
ClientSampleId :
TP-6

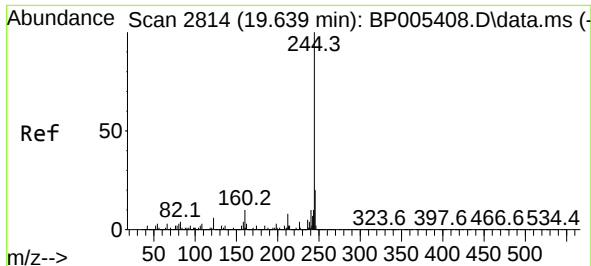
Tgt Ion:240 Resp: 260459
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 26.1 20.2 30.2



#78
Pyrene
Concen: 6.96 ng
RT: 19.433 min Scan# 2779
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Tgt Ion:202 Resp: 103612
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 17.7 13.8 20.6

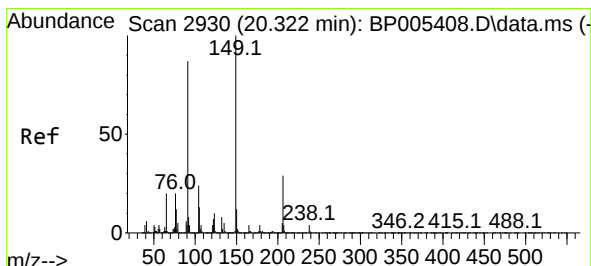
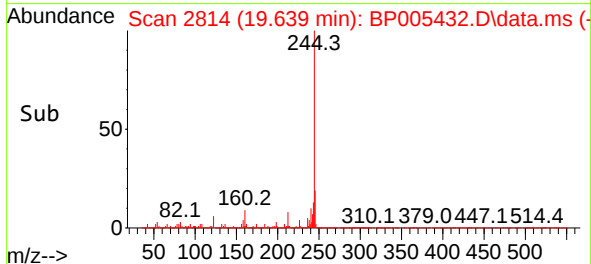
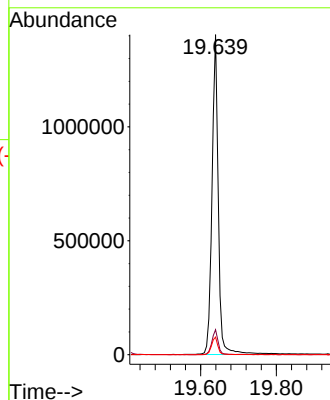
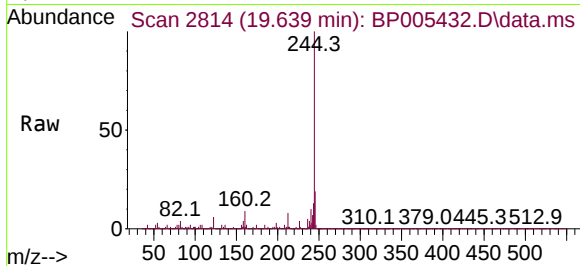




#79
Terphenyl-d14
Concen: 111.28 ng
RT: 19.639 min Scan# 2814
Delta R.T. -0.000 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

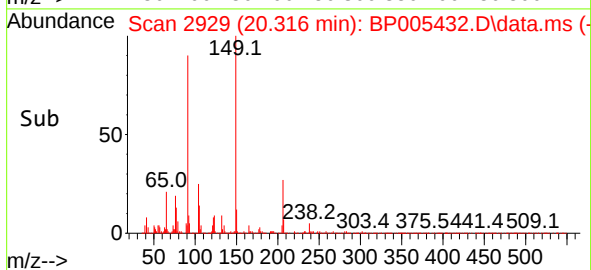
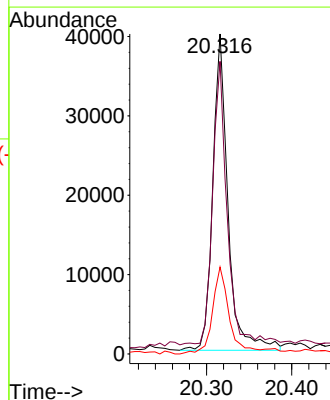
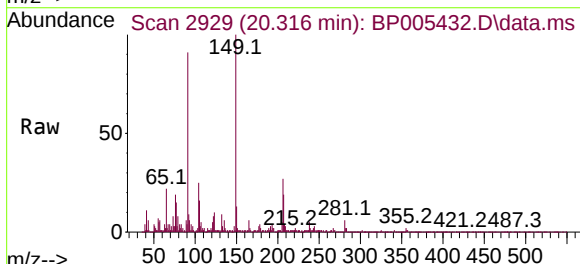
Instrument :
BNA_P
ClientSampleId :
TP-6

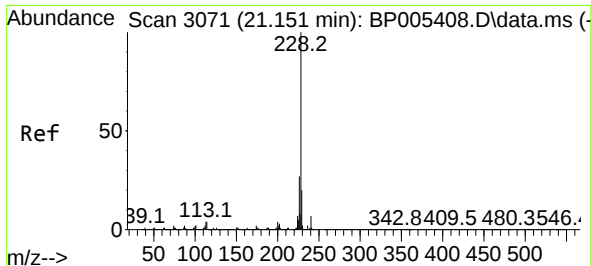
Tgt Ion:244 Resp: 1613092
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 5.5 5.2 7.8



#80
Butylbenzylphthalate
Concen: 10.37 ng
RT: 20.316 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Tgt Ion:149 Resp: 49461
Ion Ratio Lower Upper
149 100
91 91.5 60.2 90.4#
206 27.2 23.9 35.9

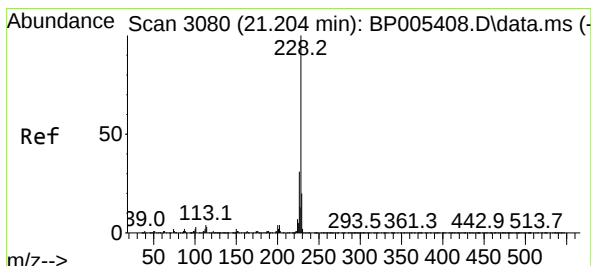
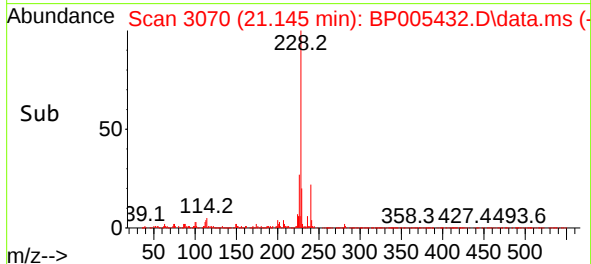
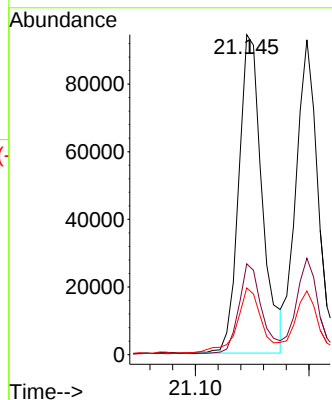
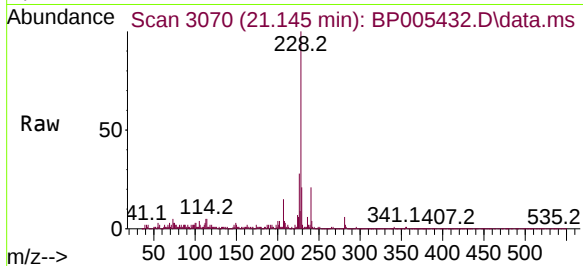




#81
Benzo(a)anthracene
Concen: 7.97 ng
RT: 21.145 min Scan# 3070
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

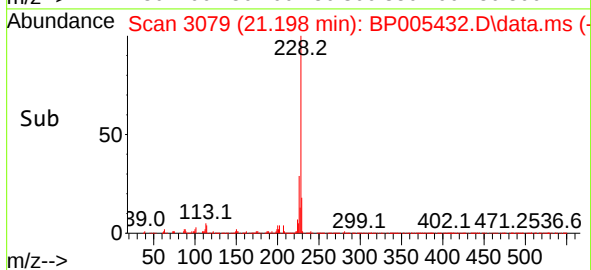
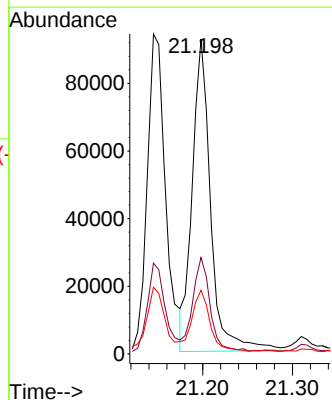
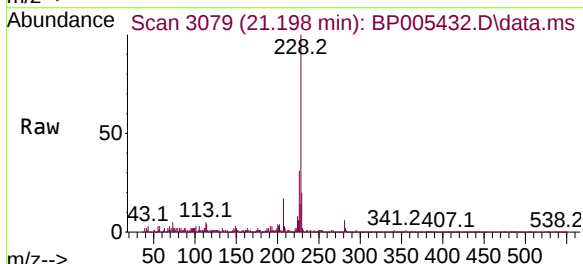
Instrument :
BNA_P
ClientSampled :
TP-6

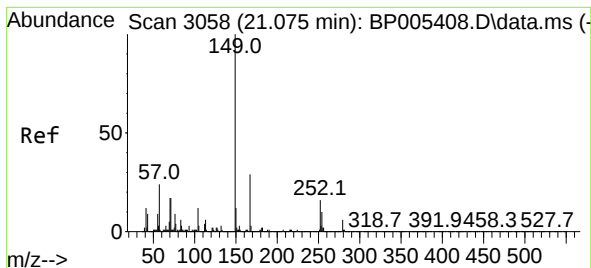
Tgt Ion:228 Resp: 134659
Ion Ratio Lower Upper
228 100
226 28.4 21.2 31.8
229 20.9 15.6 23.4



#83
Chrysene
Concen: 7.99 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Tgt Ion:228 Resp: 131633
Ion Ratio Lower Upper
228 100
226 30.6 24.8 37.2
229 20.2 15.4 23.0

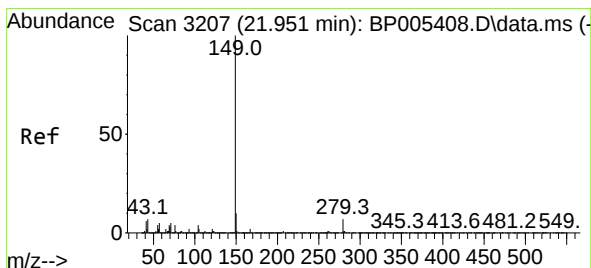
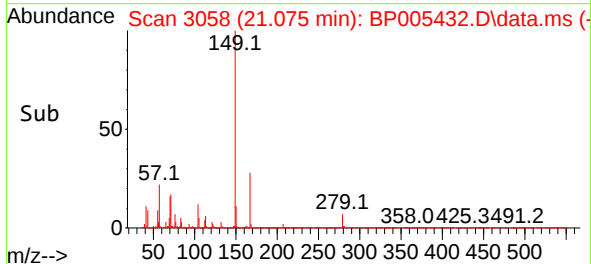
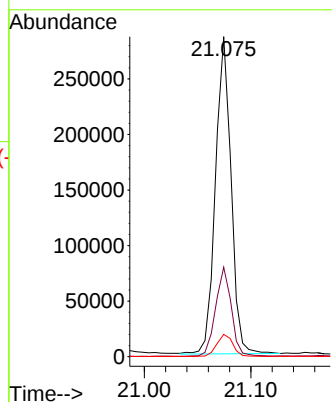
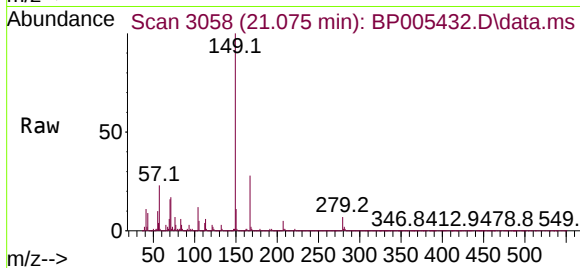




#84
Bis(2-ethylhexyl)phthalate
Concen: 39.11 ng
RT: 21.075 min Scan# 3058
Delta R.T. -0.000 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

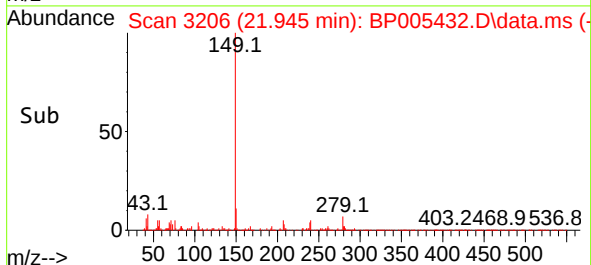
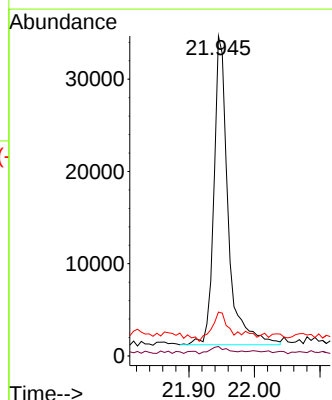
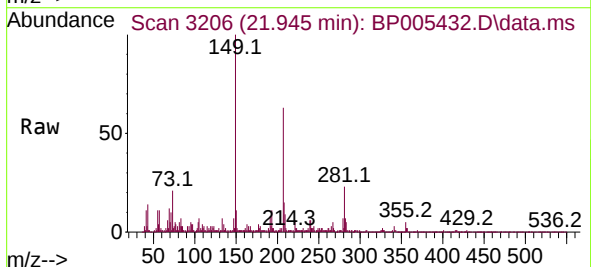
Instrument :
BNA_P
ClientSampleId :
TP-6

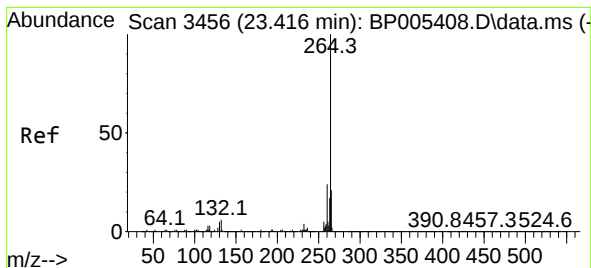
Tgt Ion:149 Resp: 290026
Ion Ratio Lower Upper
149 100
167 28.0 23.8 35.8
279 6.9 5.7 8.5



#85
Di-n-octyl phthalate
Concen: 4.00 ng
RT: 21.945 min Scan# 3206
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Tgt Ion:149 Resp: 50364
Ion Ratio Lower Upper
149 100
167 3.0 1.5 2.3#
43 11.4 5.1 7.7#

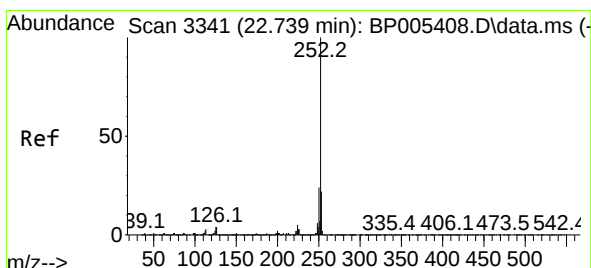
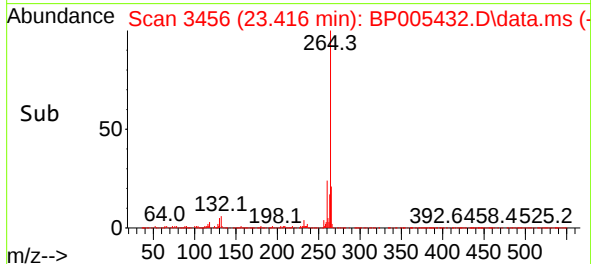
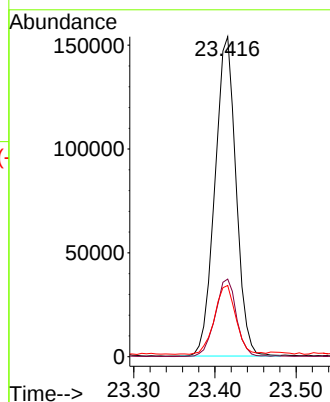
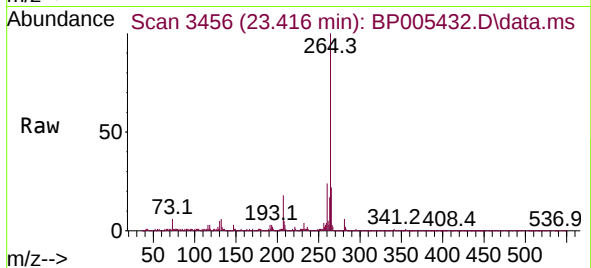




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.416 min Scan# 3456
Delta R.T. -0.000 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

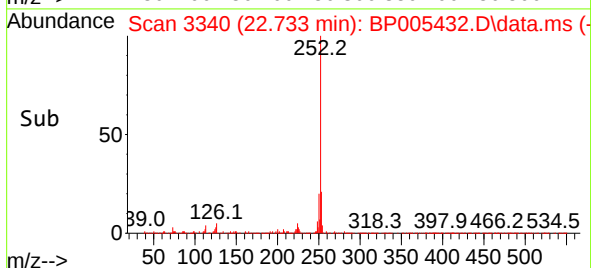
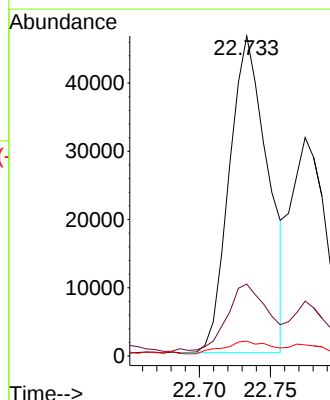
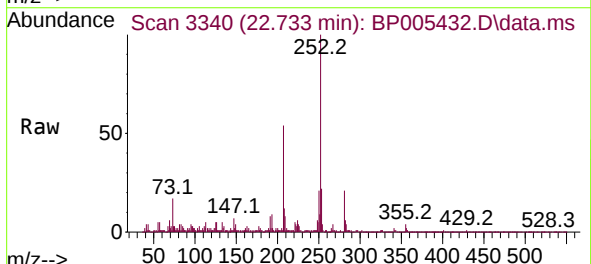
Instrument :
BNA_P
ClientSampled :
TP-6

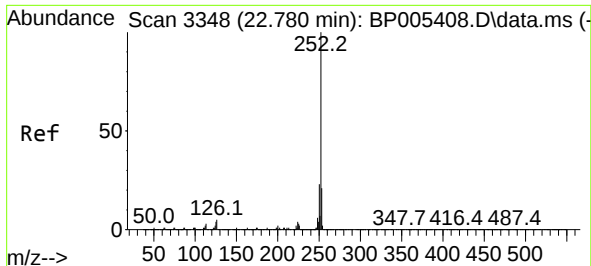
Tgt Ion:	264	Resp:	278349
Ion Ratio	Lower	Upper	
264	100		
260	24.3	20.6	30.8
265	22.3	19.0	28.6



#88
Benzo(b)fluoranthene
Concen: 4.72 ng
RT: 22.733 min Scan# 3340
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Tgt Ion:	252	Resp:	87413
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	4.6	3.4	5.0

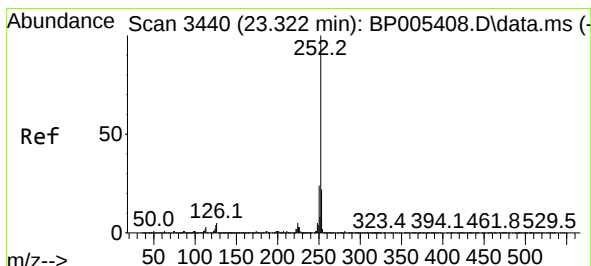
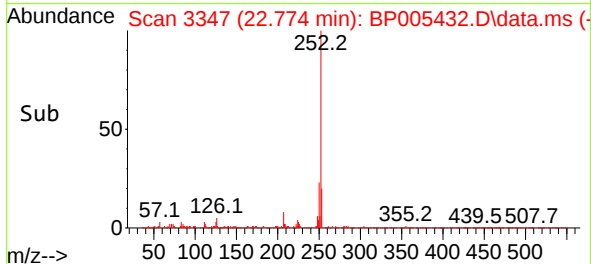
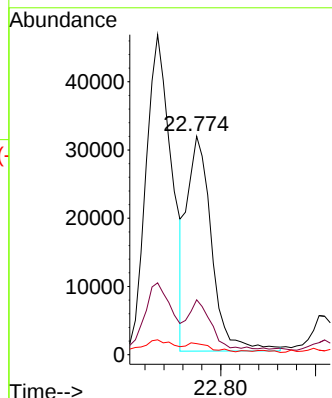
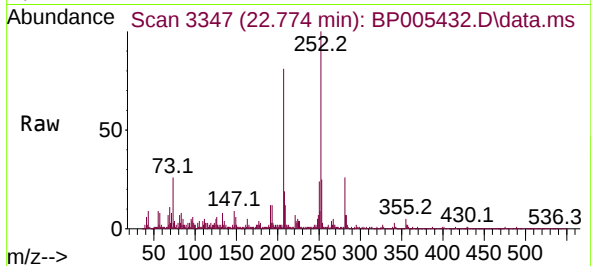




#89
Benzo(k)fluoranthene
Concen: 3.22 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Instrument :
BNA_P
ClientSampleId :
TP-6

Tgt Ion:252 Resp: 56990
Ion Ratio Lower Upper
252 100
253 25.1 17.2 25.8
125 5.0 3.8 5.6



#90
Benzo(a)pyrene
Concen: 3.79 ng
RT: 23.316 min Scan# 3439
Delta R.T. -0.006 min
Lab File: BP005432.D
Acq: 30 Apr 2021 14:04

Tgt Ion:252 Resp: 64007
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 6.2 3.8 5.6#

