

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043021\
 Data File : BP005429.D
 Acq On : 30 Apr 2021 12:23
 Operator : CG/JU
 Sample : M2217-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HTRCV2-GRAB-TS01-01

Quant Time: Apr 30 13:41:47 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)

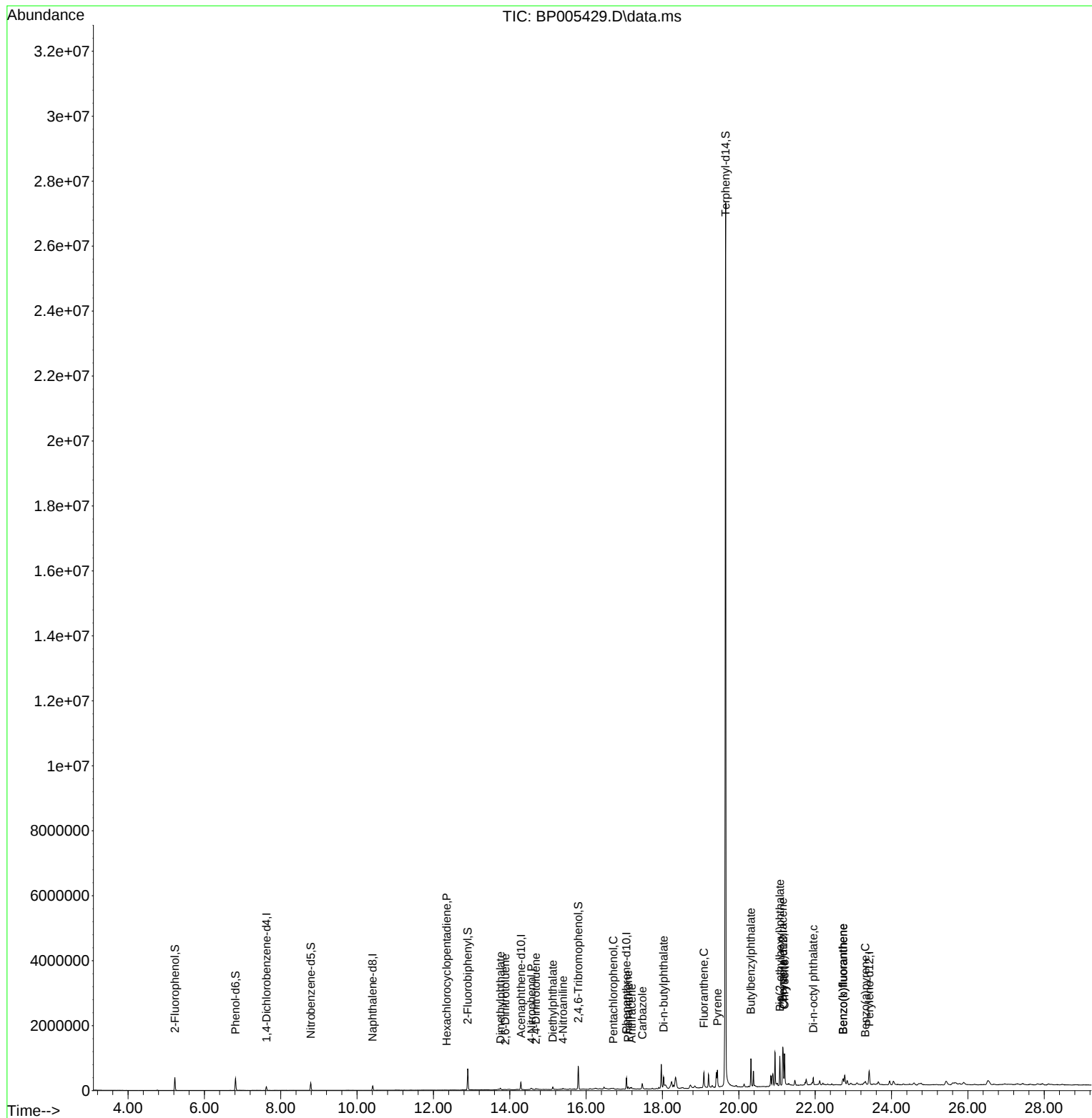
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	23594	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	85043	20.00	ng	0.00
39) Acenaphthene-d10	14.293	164	67563	20.00	ng	0.00
64) Phenanthrene-d10	17.057	188	184101	20.00	ng	0.00
76) Chrysene-d12	21.163	240	301402	20.00	ng	0.00
86) Perylene-d12	23.416	264	305854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	128064	94.96	ng	0.00
7) Phenol-d6	6.816	99	157489	83.44	ng	0.00
23) Nitrobenzene-d5	8.787	82	128892	53.72	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	119442	85.23	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	293771	51.91	ng	0.00
79) Terphenyl-d14	19.651	244	12585984	750.29	ng	0.01
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	12.352	237	38	8.38	ng	90
50) Dimethylphthalate	13.757	163	30197	5.51	ng	# 95
51) 2,6-Dinitrotoluene	13.881	165	2468	2.03	ng	91
56) 4-Nitrophenol	14.569	139	7267	9.76	ng	# 91
57) 2,4-Dinitrotoluene	14.687	165	9473	5.40	ng	# 89
60) Diethylphthalate	15.128	149	48401	9.00	ng	98
62) 4-Nitroaniline	15.393	138	7298	8.08	ng	# 73
70) Pentachlorophenol	16.716	266	3521	2.20	ng	89
71) Phenanthrene	17.098	178	35415	3.54	ng	95
72) Anthracene	17.192	178	33540	3.34	ng	96
73) Carbazole	17.475	167	122060	13.70	ng	98
74) Di-n-butylphthalate	18.028	149	245624	25.17	ng	# 96
75) Fluoranthene	19.086	202	288727	20.95	ng	98
78) Pyrene	19.439	202	339895	19.74	ng	99
80) Butylbenzylphthalate	20.316	149	233080	42.22	ng	# 85
81) Benzo(a)anthracene	21.151	228	566500	28.98	ng	99
83) Chrysene	21.198	228	538015	28.23	ng	99
84) Bis(2-ethylhexyl)phtha...	21.075	149	300585	35.03	ng	97
85) Di-n-octyl phthalate	21.951	149	140550	9.65	ng	98
88) Benzo(b)fluoranthene	22.733	252	129420	6.35	ng	99
89) Benzo(k)fluoranthene	22.733	252	129420	6.65	ng	99
90) Benzo(a)pyrene	23.316	252	80687	4.35	ng	99

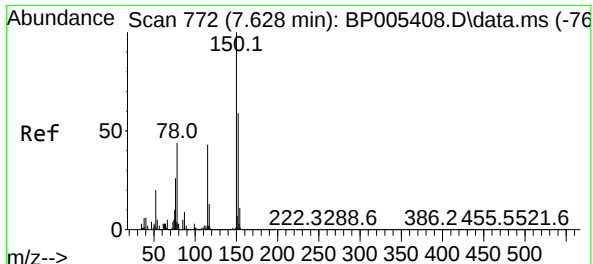
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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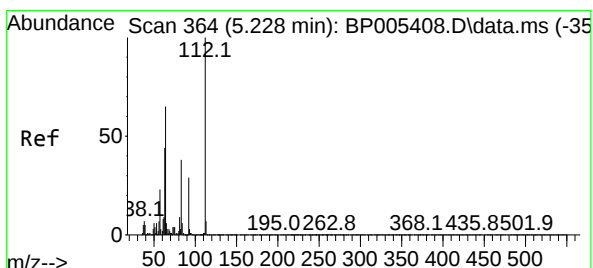
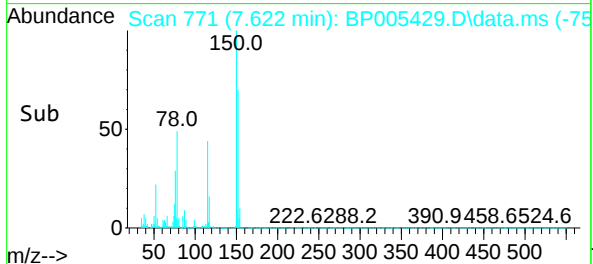
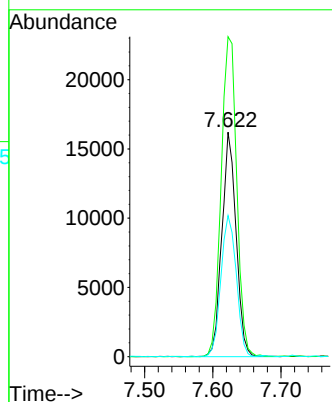
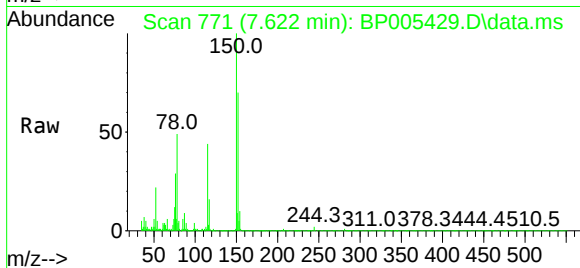




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

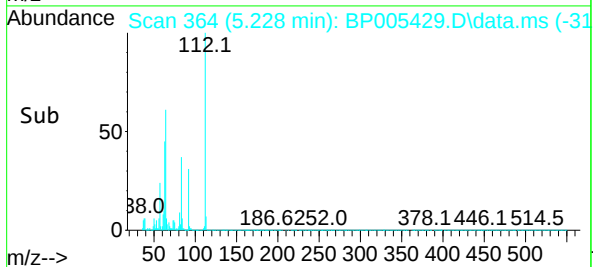
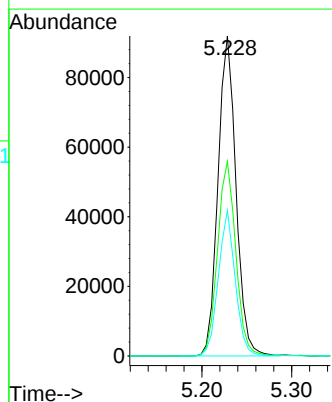
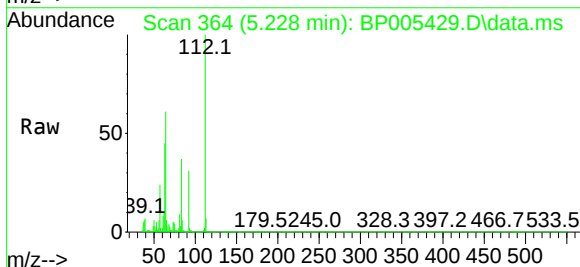
Instrument :
BNA_P
ClientSampleId :
HTCRV2-GRAB-TS01-01

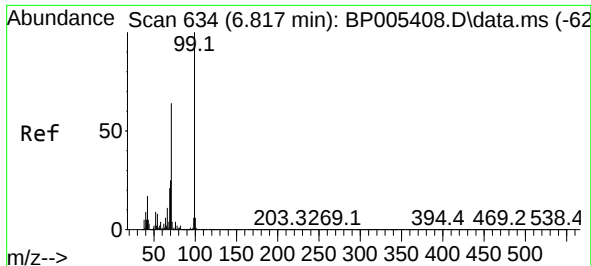
Tgt Ion:152 Resp: 23594
Ion Ratio Lower Upper
152 100
150 142.5 119.8 179.8
115 62.8 49.0 73.4



#5
2-Fluorophenol
Concen: 94.96 ng
RT: 5.228 min Scan# 364
Delta R.T. -0.000 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion:112 Resp: 128064
Ion Ratio Lower Upper
112 100
64 60.8 33.6 50.4#
63 45.5 18.6 27.8#

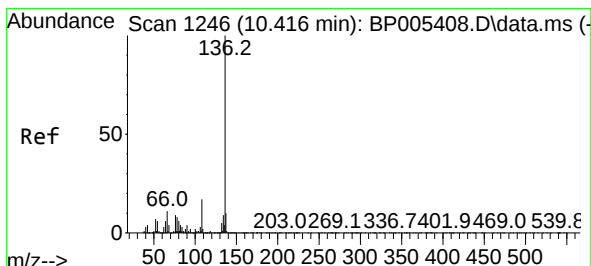
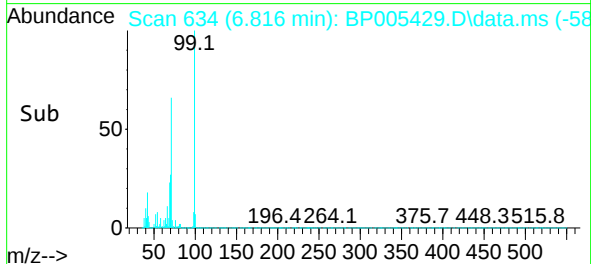
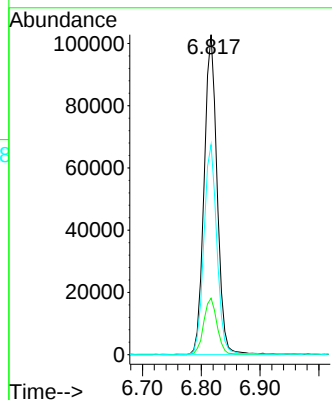
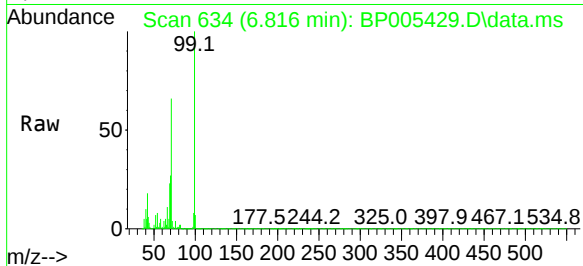




#7
Phenol-d6
Concen: 83.44 ng
RT: 6.816 min Scan# 634
Delta R.T. -0.000 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

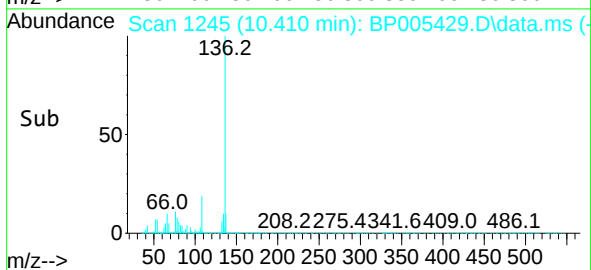
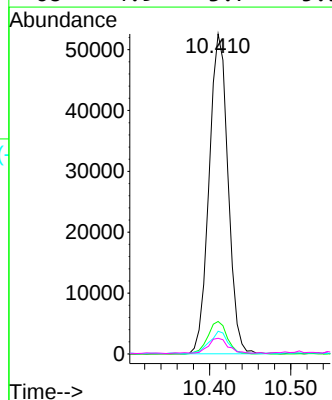
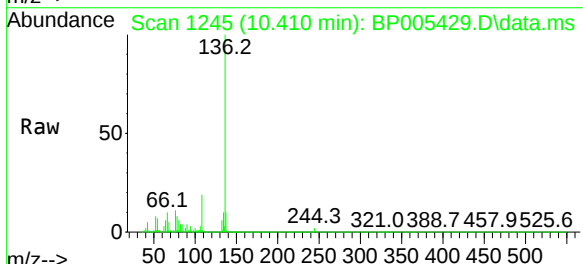
Instrument :
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ClientSampleId :
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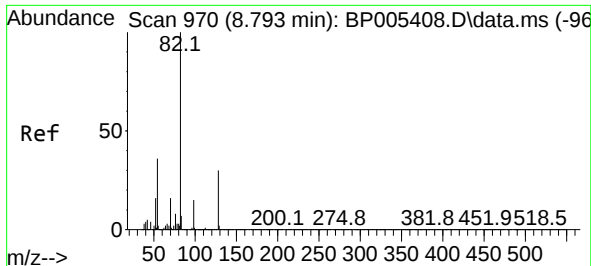
Tgt Ion: 99 Resp: 157489
Ion Ratio Lower Upper
99 100
42 17.7 12.9 19.3
71 65.6 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion: 136 Resp: 85043
Ion Ratio Lower Upper
136 100
137 10.1 8.9 13.3
54 7.1 5.0 7.4
68 4.9 3.7 5.5

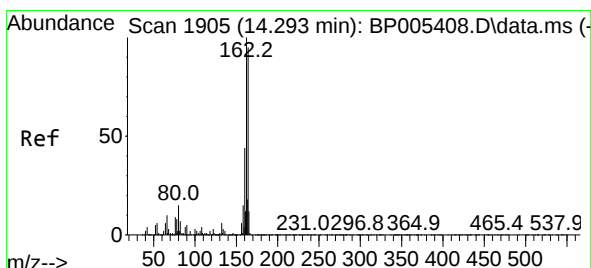
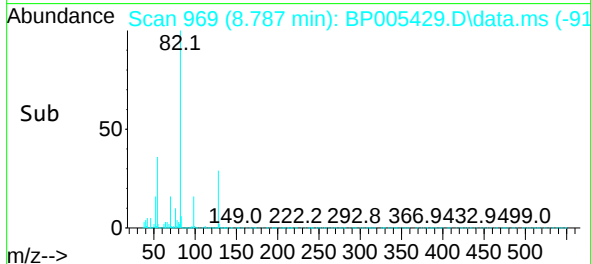
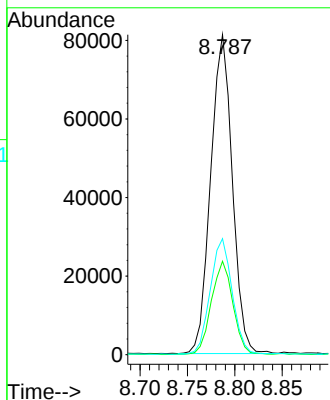
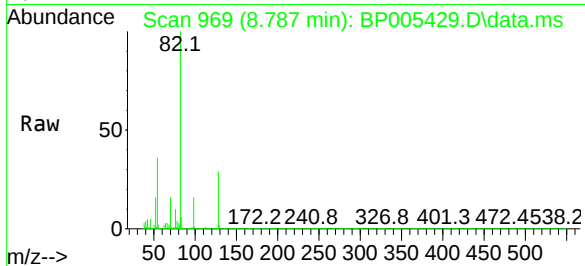




#23
Nitrobenzene-d5
Concen: 53.72 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

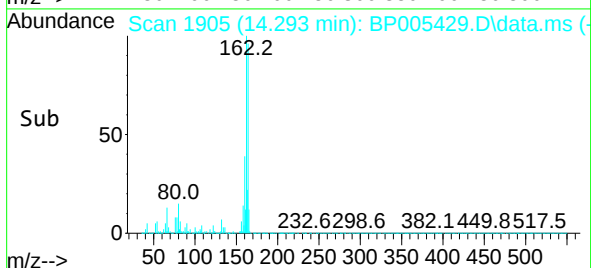
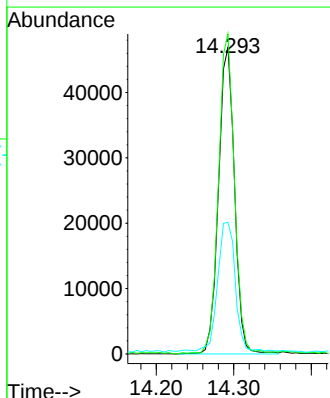
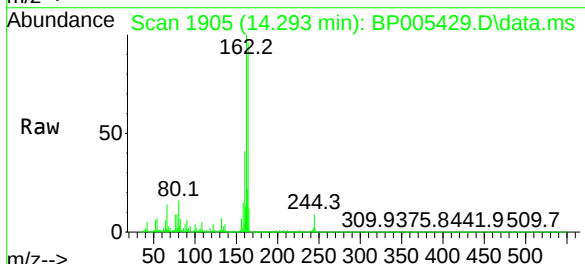
Instrument :
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ClientSampleId :
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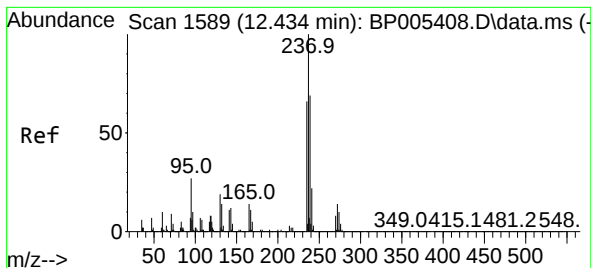
Tgt Ion: 82 Resp: 128892
Ion Ratio Lower Upper
82 100
128 29.2 30.5 45.7#
54 36.3 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion: 164 Resp: 67563
Ion Ratio Lower Upper
164 100
162 104.4 73.5 110.3
160 43.0 40.6 61.0



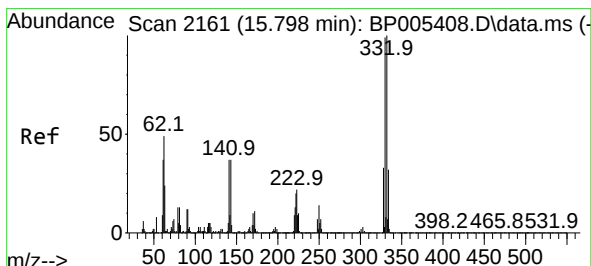
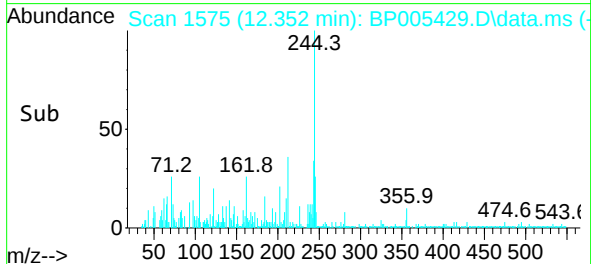
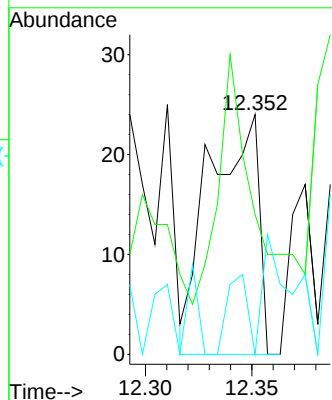
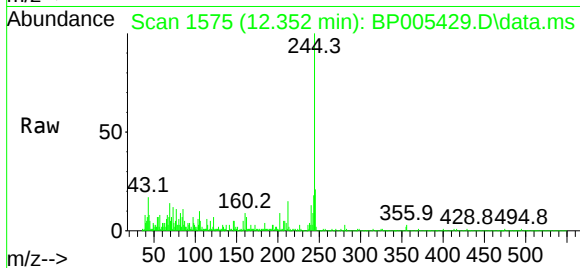


#41

Hexachlorocyclopentadiene
Concen: 8.38 ng
RT: 12.352 min Scan# 1575
Delta R.T. -0.082 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Instrument :
BNA_P
ClientSampleId :
HTCRV2-GRAB-TS01-01

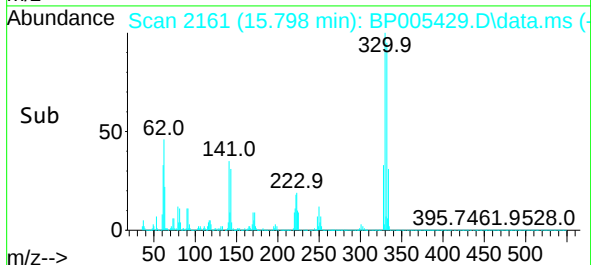
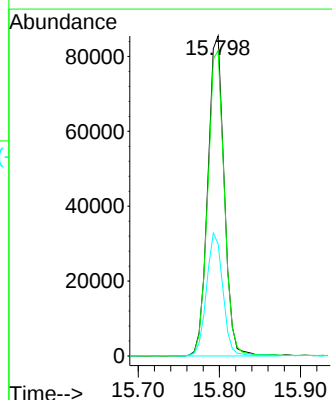
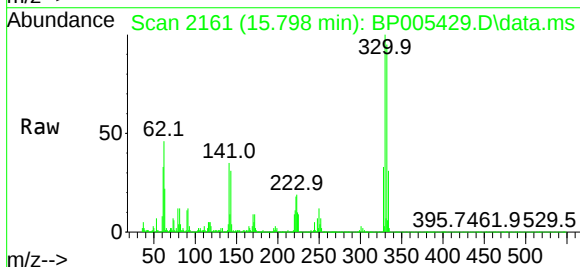
Tgt Ion:237 Resp: 38
Ion Ratio Lower Upper
237 100
235 58.3 40.9 80.9
272 0.0 0.0 34.6

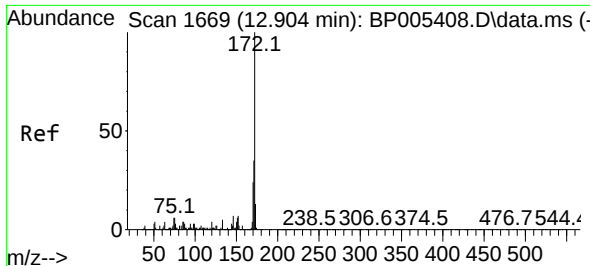


#42

2,4,6-Tribromophenol
Concen: 85.23 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion:330 Resp: 119442
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 38.5 22.8 34.2#

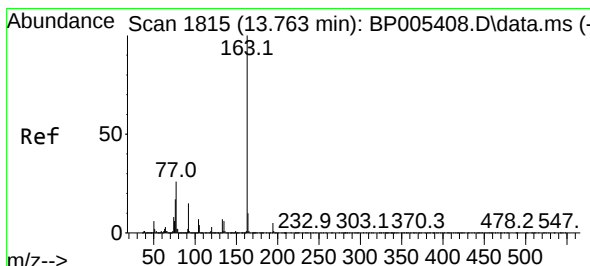
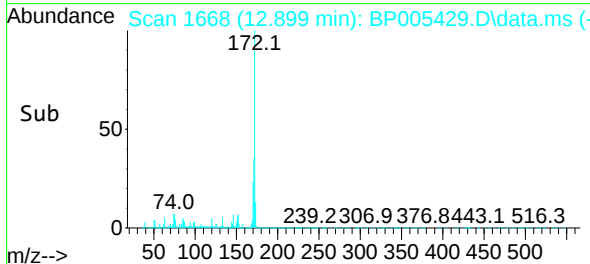
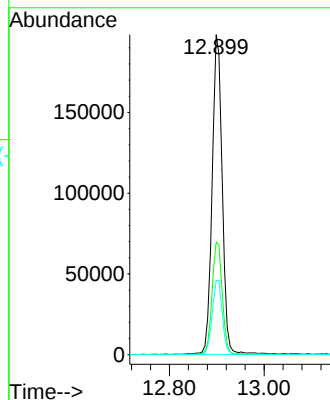
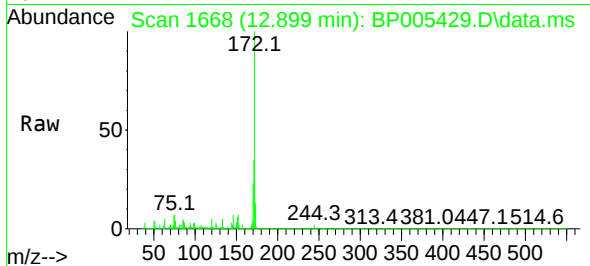




#45
2-Fluorobiphenyl
Concen: 51.91 ng
RT: 12.899 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

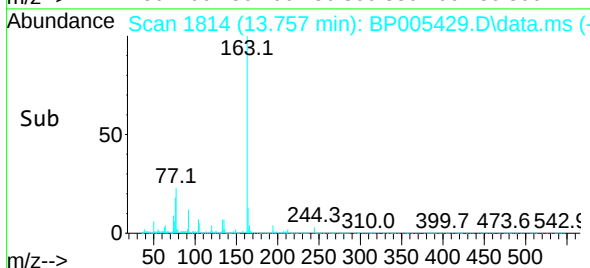
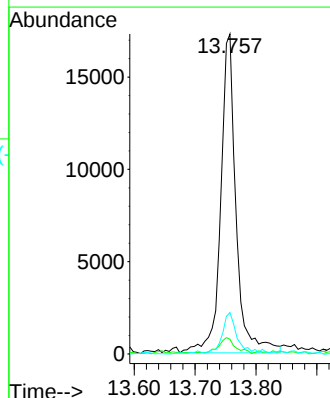
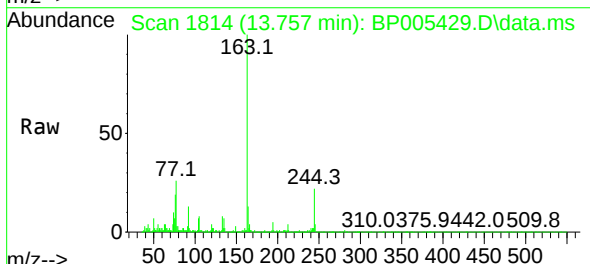
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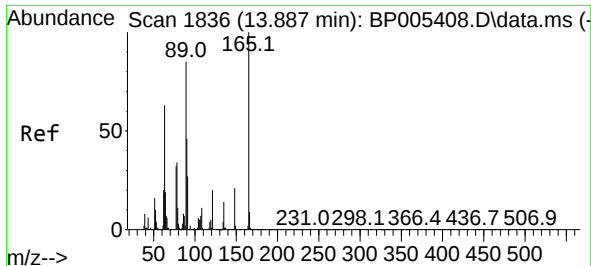
Tgt Ion:	172	Resp:	293771
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.1	42.1
170	23.2	19.6	29.4



#50
Dimethylphthalate
Concen: 5.51 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion:	163	Resp:	30197
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.9	5.9
164	13.0	8.1	12.1#

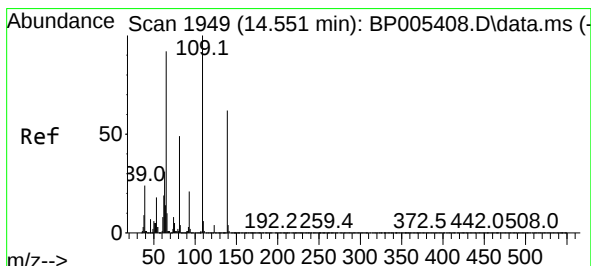
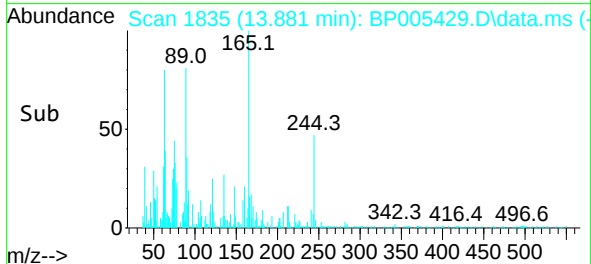
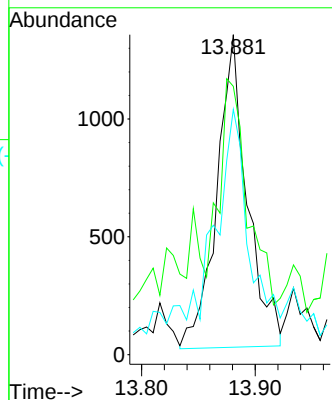
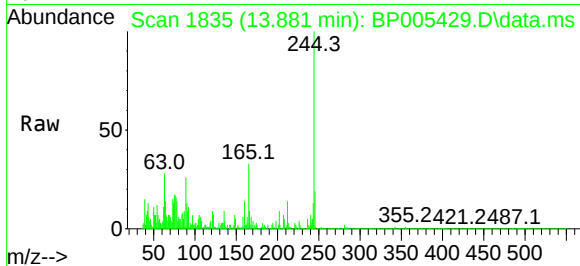




#51
2,6-Dinitrotoluene
Concen: 2.03 ng
RT: 13.881 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

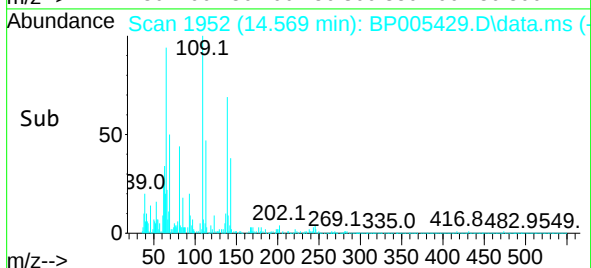
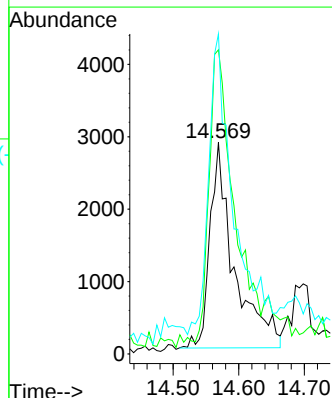
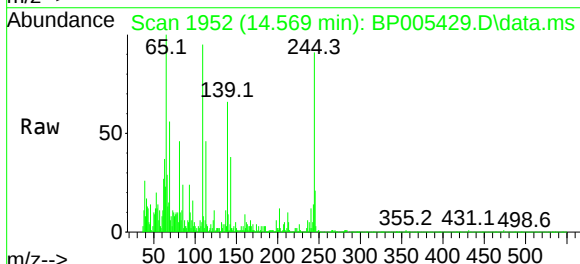
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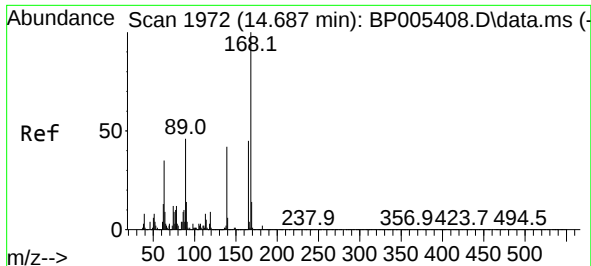
Tgt Ion:165 Resp: 2468
Ion Ratio Lower Upper
165 100
63 83.9 67.4 101.0
89 76.7 73.8 110.6



#56
4-Nitrophenol
Concen: 9.76 ng
RT: 14.569 min Scan# 1952
Delta R.T. 0.018 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion:139 Resp: 7267
Ion Ratio Lower Upper
139 100
109 143.8 122.8 162.8
65 151.3 110.0 150.0#

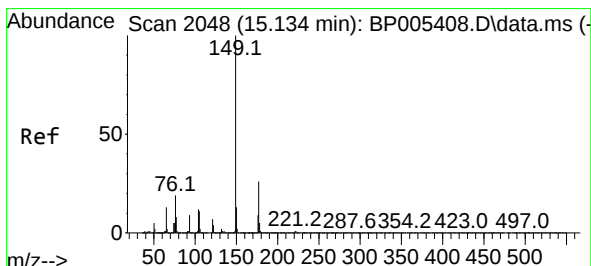
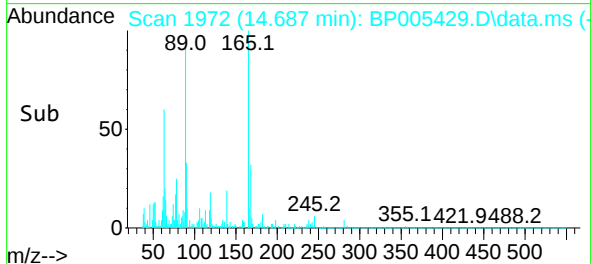
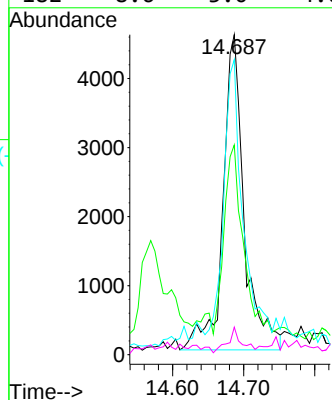
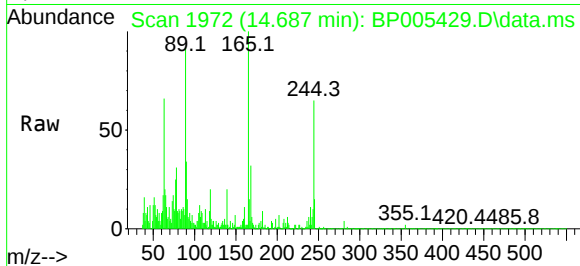




#57
2,4-Dinitrotoluene
Concen: 5.40 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

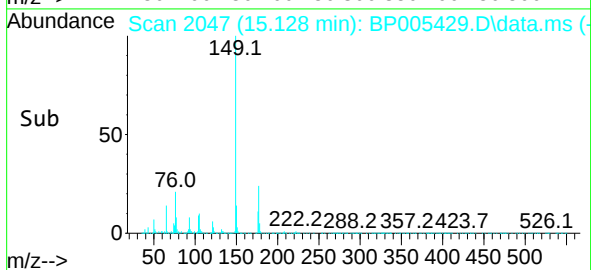
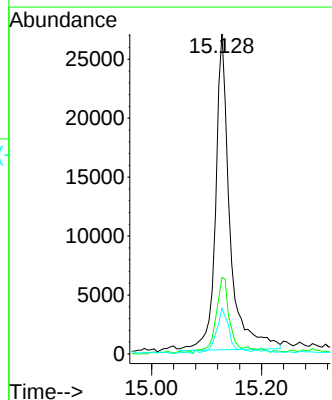
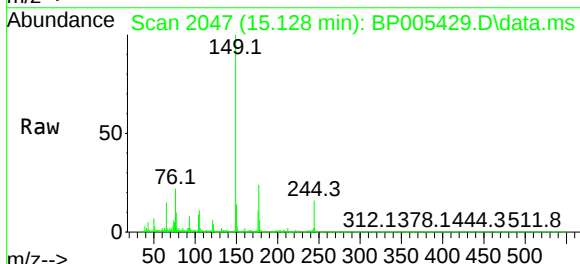
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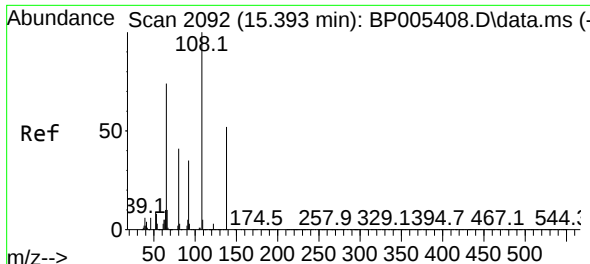
Tgt Ion:165 Resp: 9473
Ion Ratio Lower Upper
165 100
63 65.6 56.7 85.1
89 92.2 85.8 128.6
182 8.6 3.0 4.6#



#60
Diethylphthalate
Concen: 9.00 ng
RT: 15.128 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion:149 Resp: 48401
Ion Ratio Lower Upper
149 100
177 23.9 19.2 28.8
150 14.3 9.9 14.9

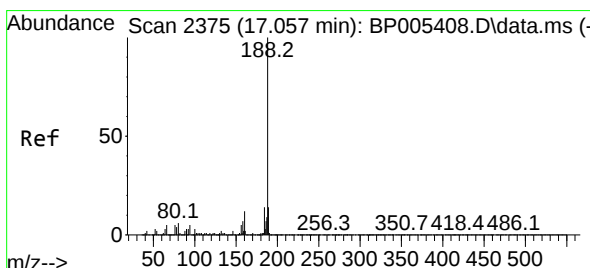
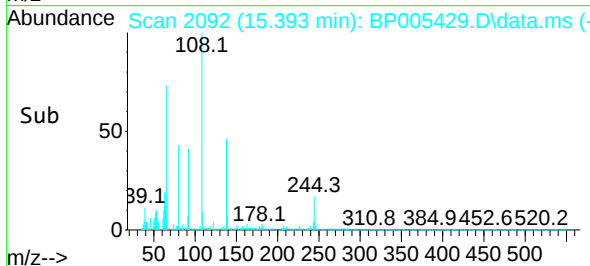
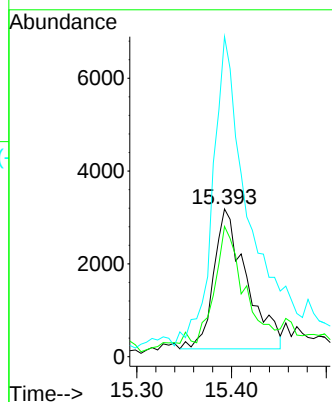
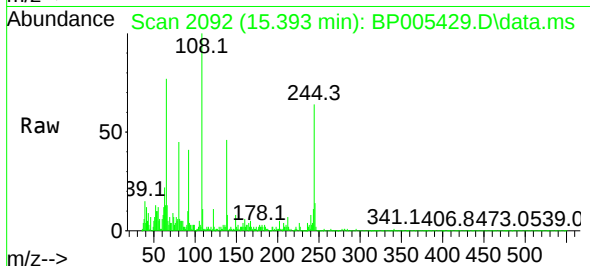




#62
4-Nitroaniline
Concen: 8.08 ng
RT: 15.393 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

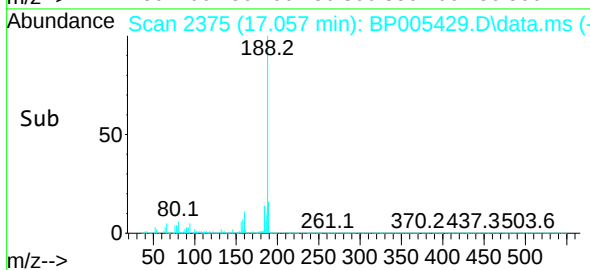
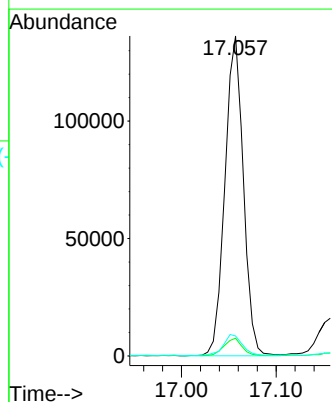
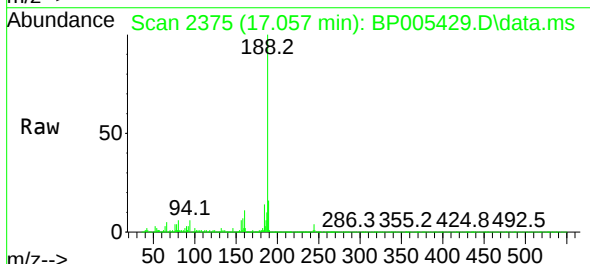
Instrument :
BNA_P
ClientSampleId :
HTCRV2-GRAB-TS01-01

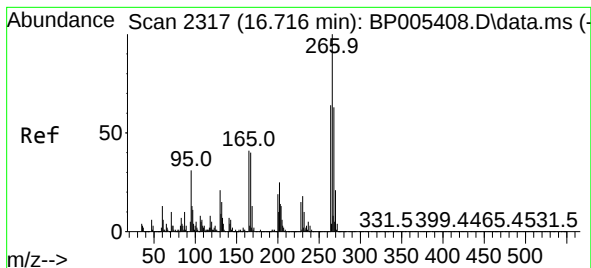
Tgt Ion:138 Resp: 7298
Ion Ratio Lower Upper
138 100
92 88.2 50.9 90.9
108 216.7 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.057 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion:188 Resp: 184101
Ion Ratio Lower Upper
188 100
94 5.5 5.0 7.6
80 6.3 5.9 8.9

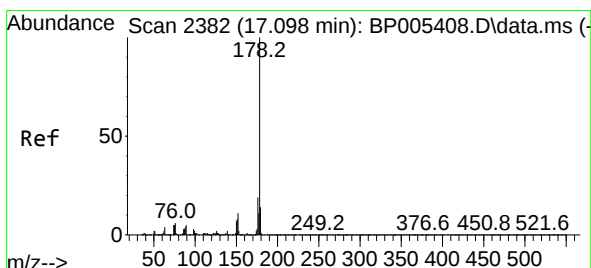
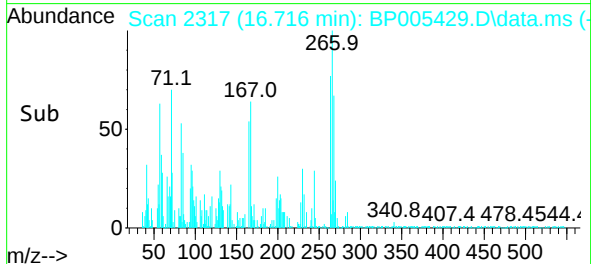
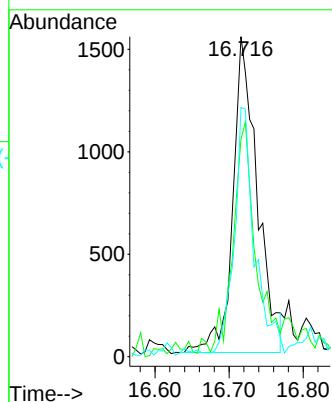
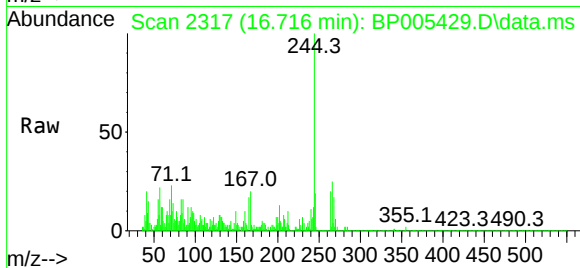




#70
Pentachlorophenol
Concen: 2.20 ng
RT: 16.716 min Scan# 2317
Delta R.T. -0.000 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

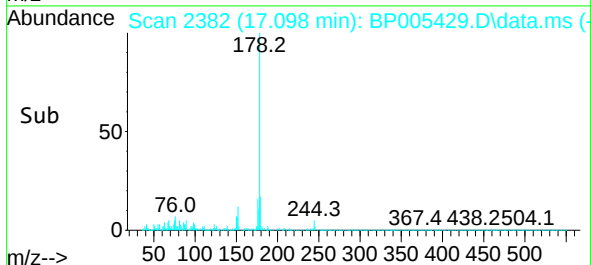
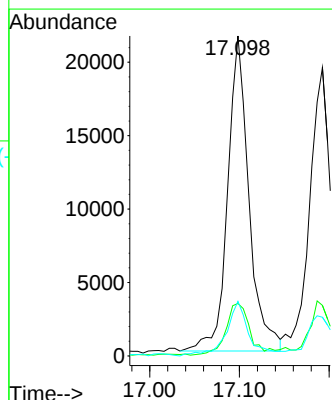
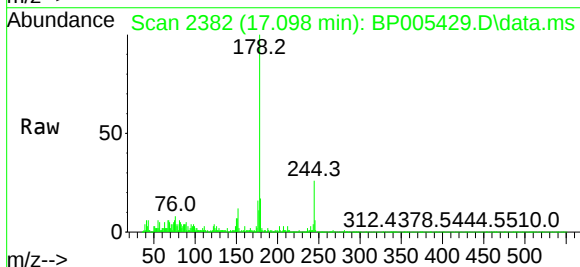
Instrument :
BNA_P
ClientSampleId :
HTCRV2-GRAB-TS01-01

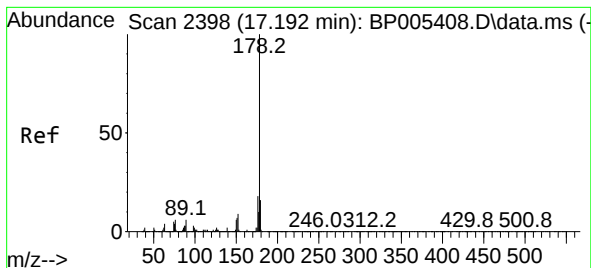
Tgt Ion:266 Resp: 3521
Ion Ratio Lower Upper
266 100
268 68.1 49.4 74.0
264 77.8 53.7 80.5



#71
Phenanthrene
Concen: 3.54 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion:178 Resp: 35415
Ion Ratio Lower Upper
178 100
176 16.4 15.4 23.2
179 17.1 12.3 18.5





#72

Anthracene

Concen: 3.34 ng

RT: 17.192 min Scan# 2398

Delta R.T. -0.000 min

Lab File: BP005429.D

Acq: 30 Apr 2021 12:23

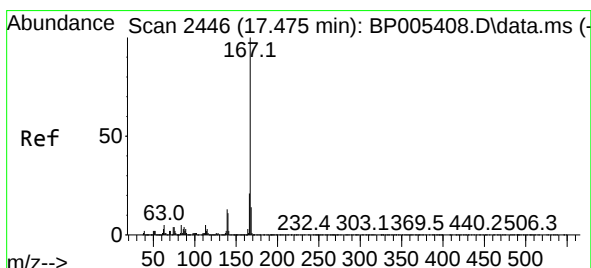
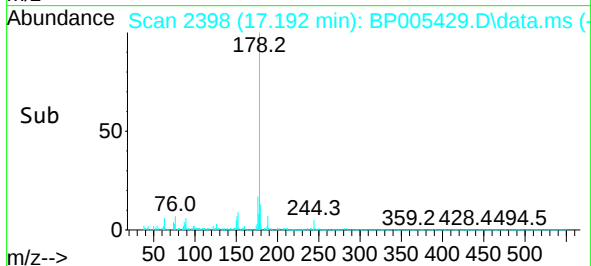
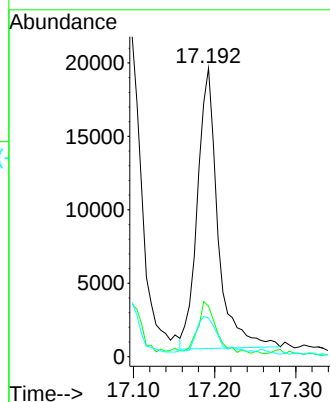
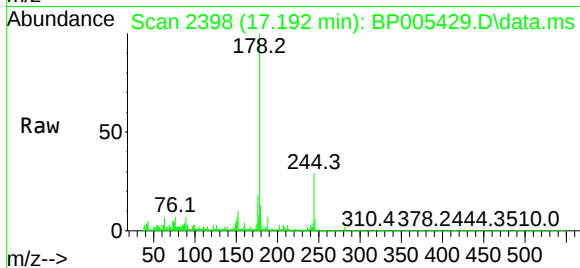
Instrument :

BNA_P

ClientSampleId :

HTCRV2-GRAB-TS01-01

Tgt Ion:178	Resp:	33540
Ion Ratio	Lower	Upper
178	100	
176	17.5	15.2 22.8
179	13.4	12.6 19.0



#73

Carbazole

Concen: 13.70 ng

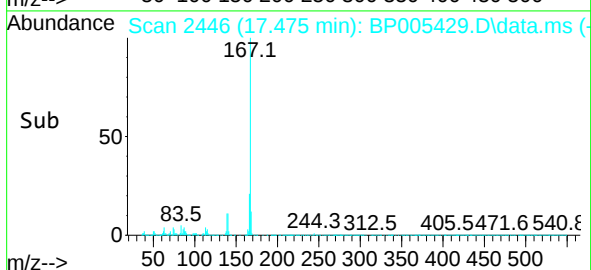
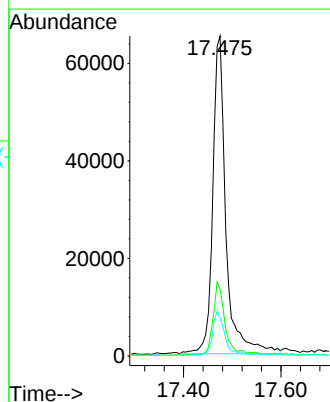
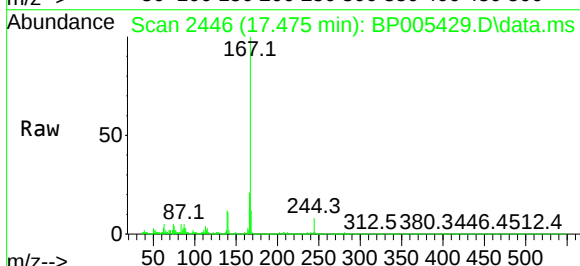
RT: 17.475 min Scan# 2446

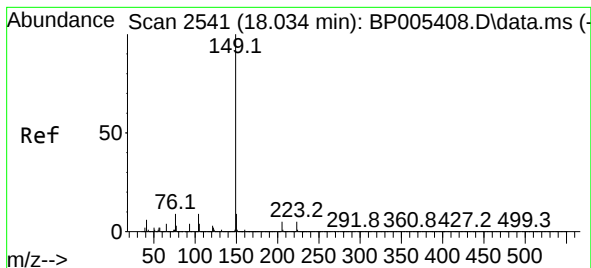
Delta R.T. -0.000 min

Lab File: BP005429.D

Acq: 30 Apr 2021 12:23

Tgt Ion:167	Resp:	122060
Ion Ratio	Lower	Upper
167	100	
166	20.9	17.4 26.0
139	12.0	10.4 15.6

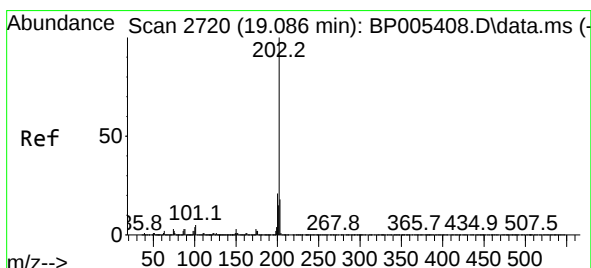
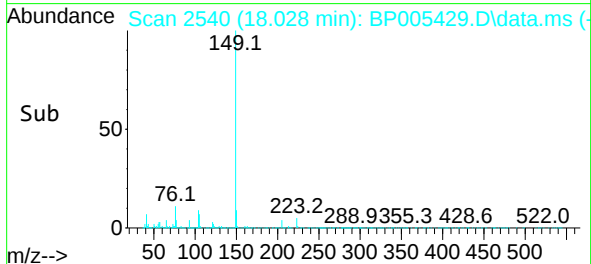
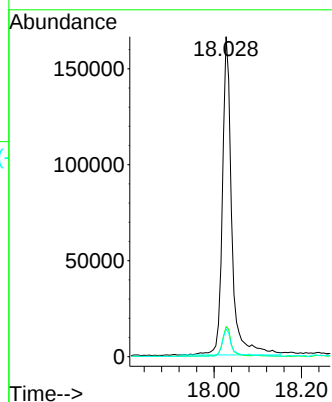
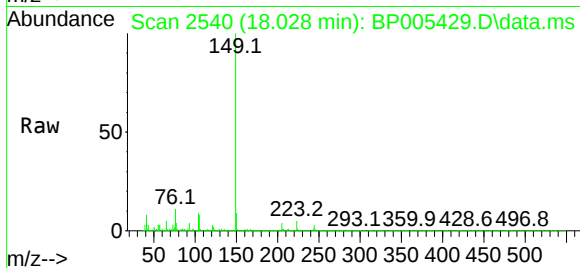




#74
Di-n-butylphthalate
Concen: 25.17 ng
RT: 18.028 min Scan# 2540
Delta R.T. -0.006 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

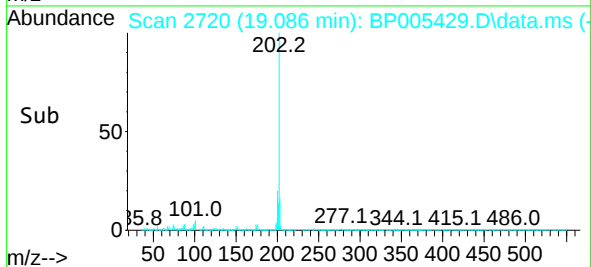
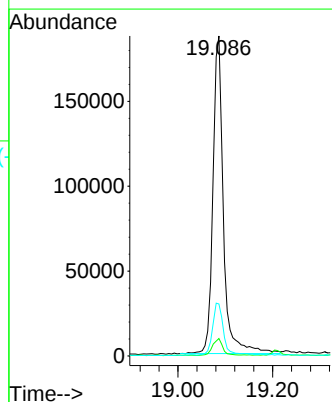
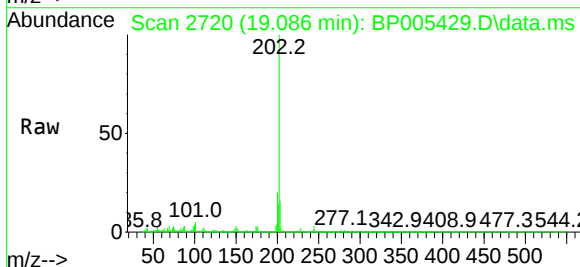
Instrument :
BNA_P
ClientSampleId :
HTCRV2-GRAB-TS01-01

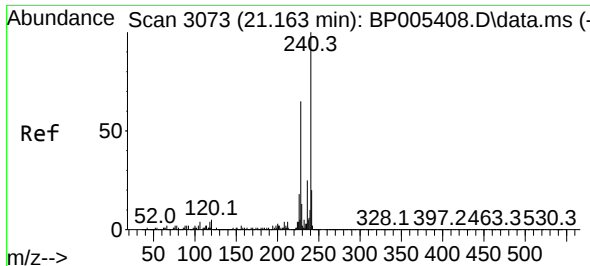
Tgt Ion:149 Resp: 245624
Ion Ratio Lower Upper
149 100
150 9.3 7.6 11.4
104 8.6 8.9 13.3#



#75
Fluoranthene
Concen: 20.95 ng
RT: 19.086 min Scan# 2720
Delta R.T. -0.000 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion:202 Resp: 288727
Ion Ratio Lower Upper
202 100
101 5.5 0.0 26.1
203 16.3 0.0 37.2

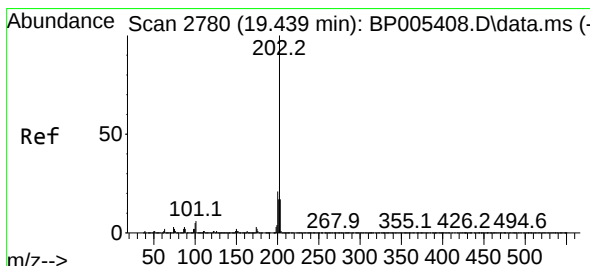
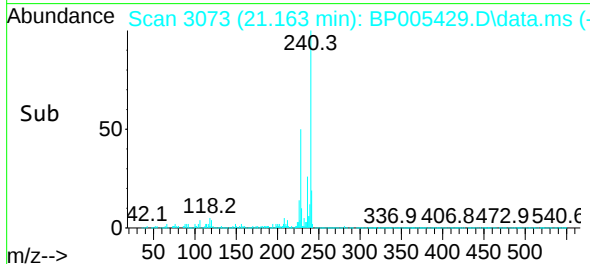
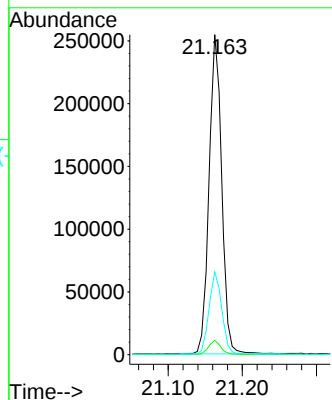
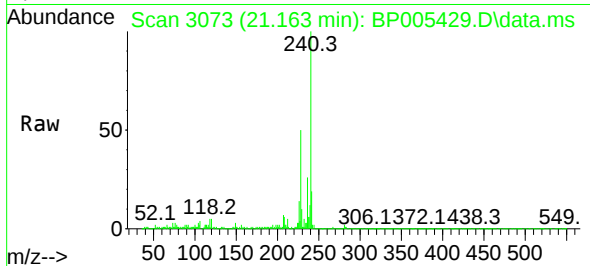




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.163 min Scan# 3073
Delta R.T. -0.000 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

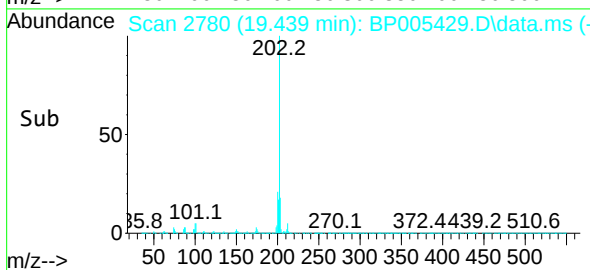
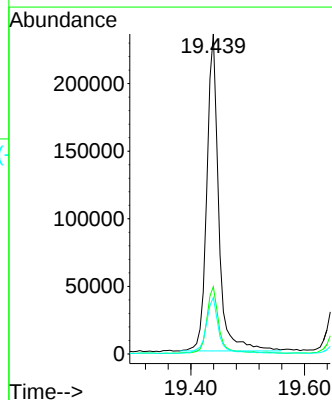
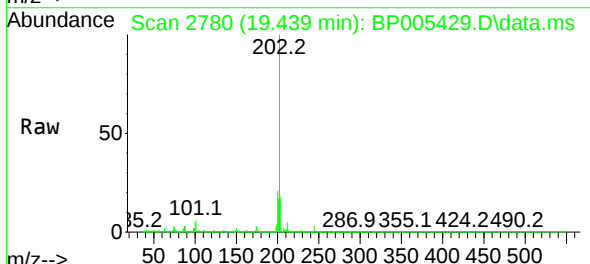
Instrument :
BNA_P
ClientSampleId :
HTCRV2-GRAB-TS01-01

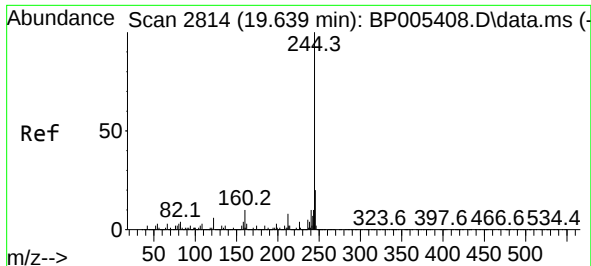
Tgt Ion:240 Resp: 301402
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 25.9 20.2 30.2



#78
Pyrene
Concen: 19.74 ng
RT: 19.439 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion:202 Resp: 339895
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.7 13.8 20.6

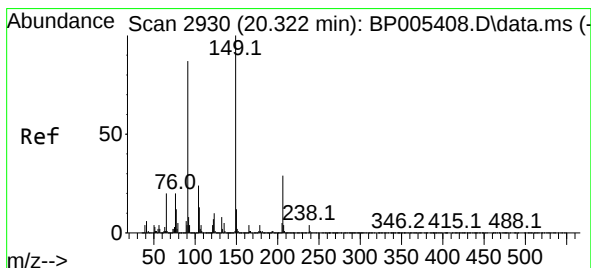
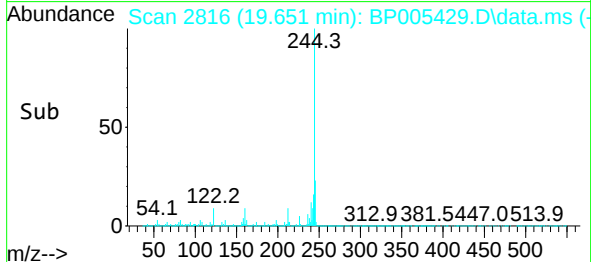
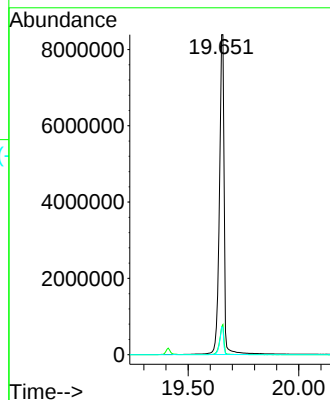
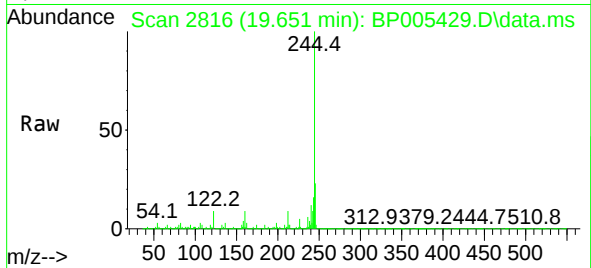




#79
Terphenyl-d14
Concen: 750.29 ng
RT: 19.651 min Scan# 2816
Delta R.T. 0.012 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

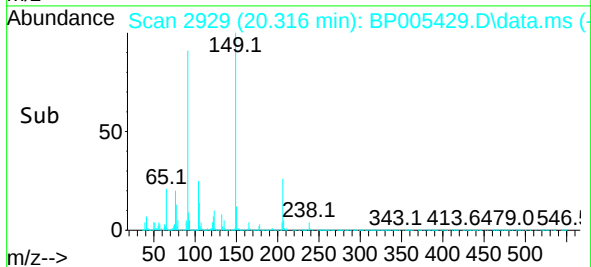
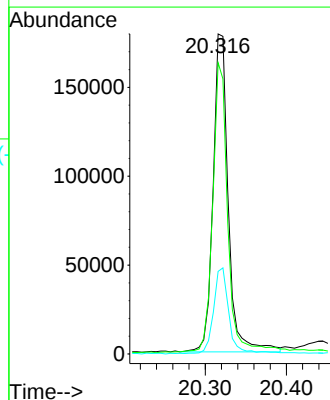
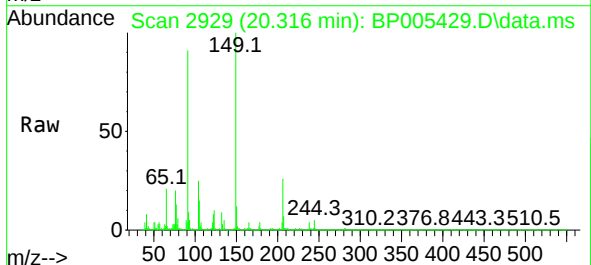
Instrument :
BNA_P
ClientSampleId :
HTCRV2-GRAB-TS01-01

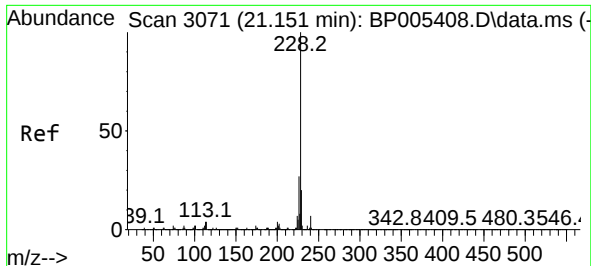
Tgt Ion:244 Resp:12585984
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.6#
122 8.7 5.2 7.8#



#80
Butylbenzylphthalate
Concen: 42.22 ng
RT: 20.316 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion:149 Resp: 233080
Ion Ratio Lower Upper
149 100
91 91.0 60.2 90.4#
206 25.8 23.9 35.9

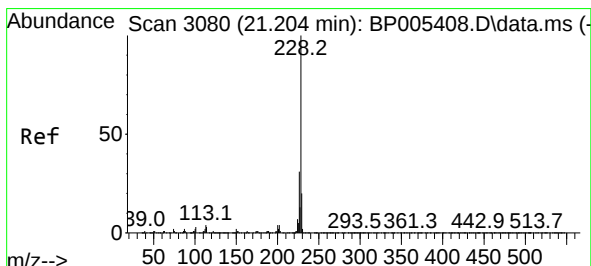
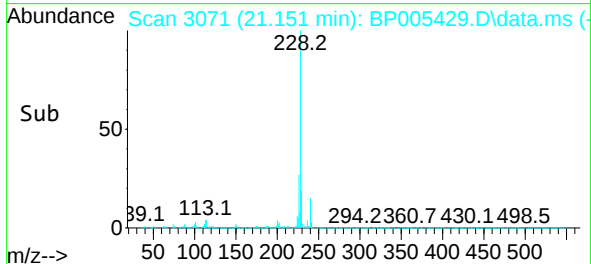
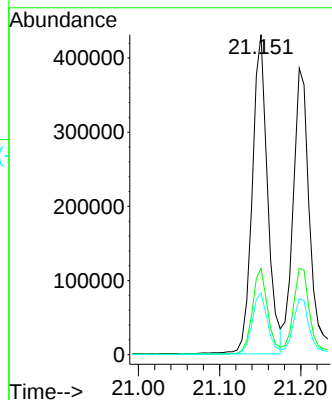
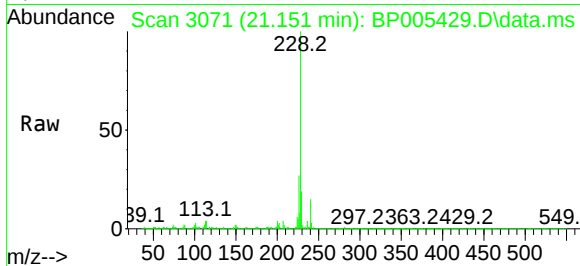




#81
Benzo(a)anthracene
Concen: 28.98 ng
RT: 21.151 min Scan# 3071
Delta R.T. -0.000 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

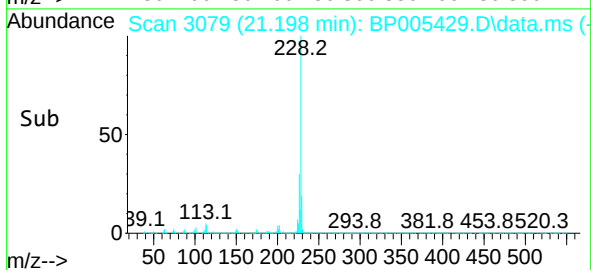
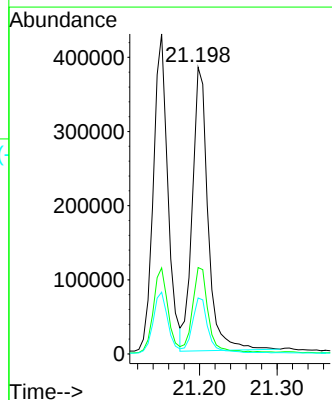
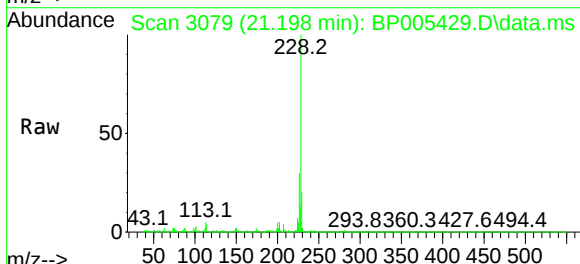
Instrument :
BNA_P
ClientSampleId :
HTCRV2-GRAB-TS01-01

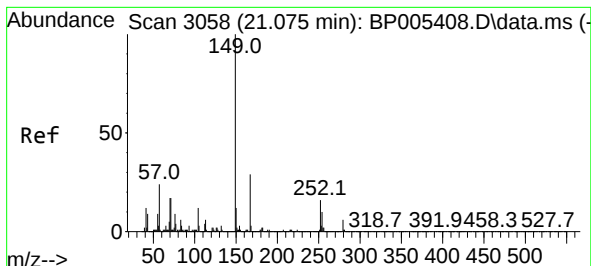
Tgt Ion:228 Resp: 566500
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 19.3 15.6 23.4



#83
Chrysene
Concen: 28.23 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion:228 Resp: 538015
Ion Ratio Lower Upper
228 100
226 30.2 24.8 37.2
229 19.6 15.4 23.0

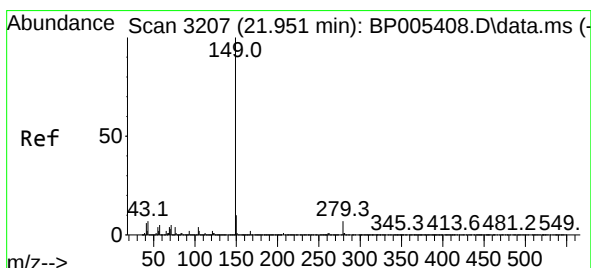
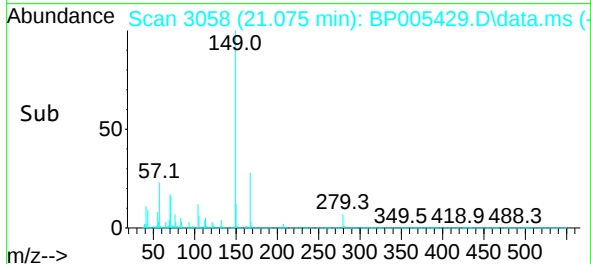
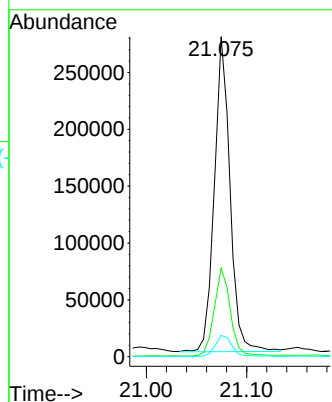
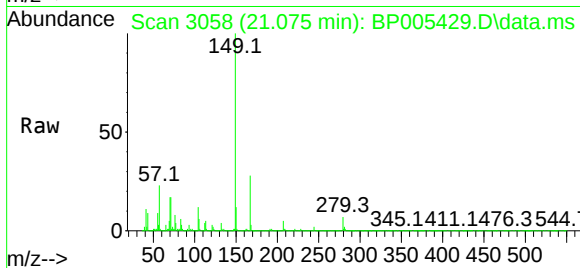




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.03 ng
 RT: 21.075 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: BP005429.D
 Acq: 30 Apr 2021 12:23

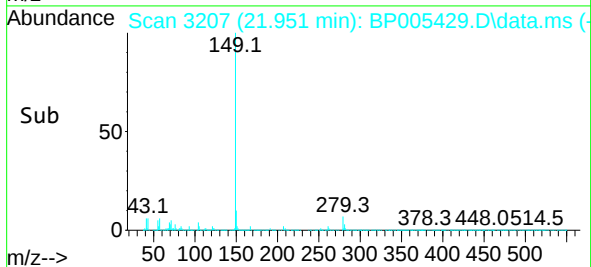
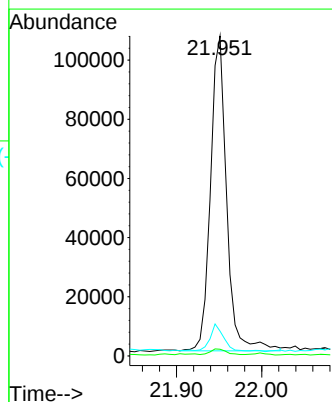
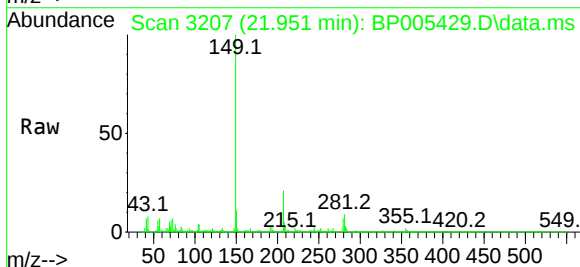
Instrument :
 BNA_P
 ClientSampleId :
 HTCVRV2-GRAB-TS01-01

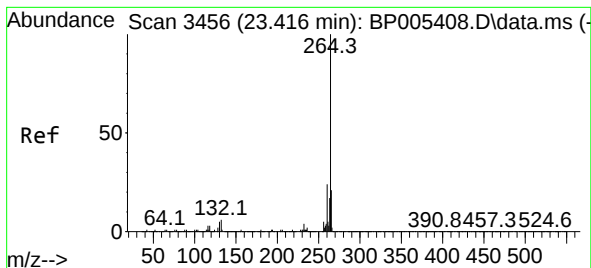
Tgt Ion:149 Resp: 300585
 Ion Ratio Lower Upper
 149 100
 167 27.7 23.8 35.8
 279 6.7 5.7 8.5



#85
 Di-n-octyl phthalate
 Concen: 9.65 ng
 RT: 21.951 min Scan# 3207
 Delta R.T. -0.000 min
 Lab File: BP005429.D
 Acq: 30 Apr 2021 12:23

Tgt Ion:149 Resp: 140550
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.5 2.3
 43 7.1 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: BP005429.D

Acq: 30 Apr 2021 12:23

Instrument :

BNA_P

ClientSampleId :

HTCRV2-GRAB-TS01-01

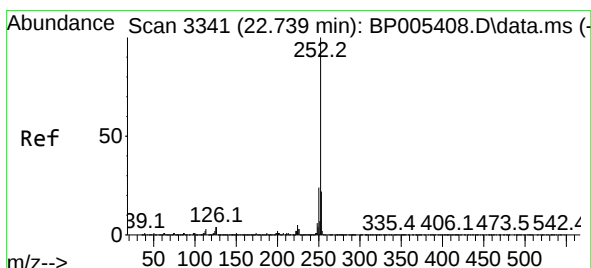
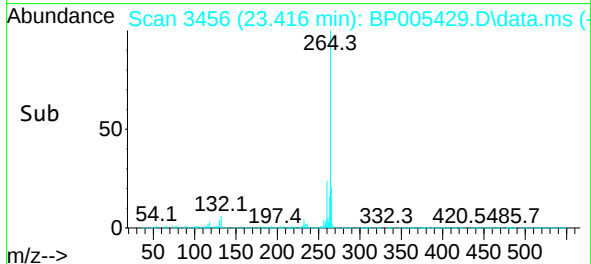
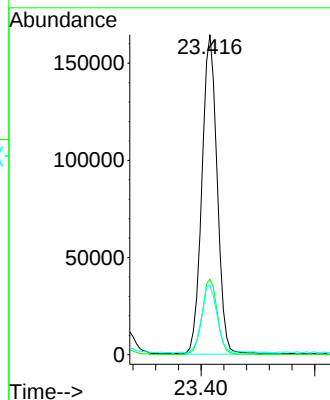
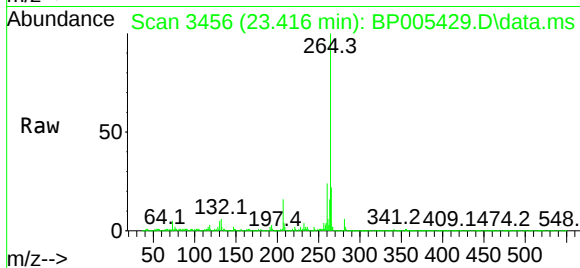
Tgt Ion:264 Resp: 305854

Ion Ratio Lower Upper

264 100

260 23.5 20.6 30.8

265 21.7 19.0 28.6



#88

Benzo(b)fluoranthene

Concen: 6.35 ng

RT: 22.733 min Scan# 3340

Delta R.T. -0.006 min

Lab File: BP005429.D

Acq: 30 Apr 2021 12:23

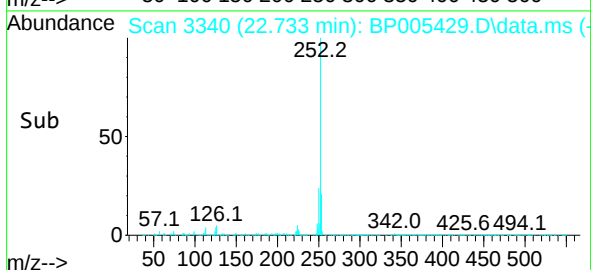
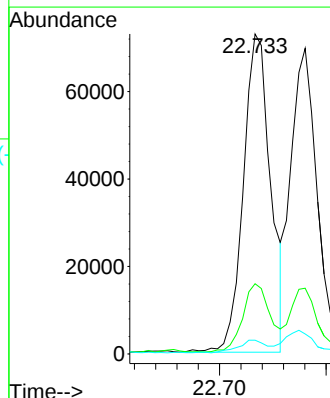
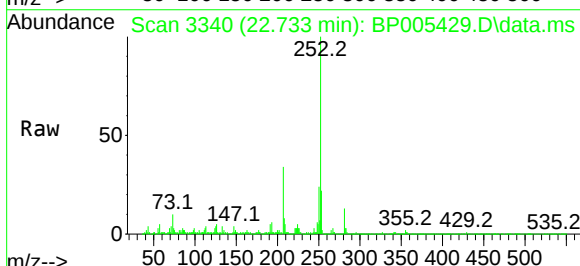
Tgt Ion:252 Resp: 129420

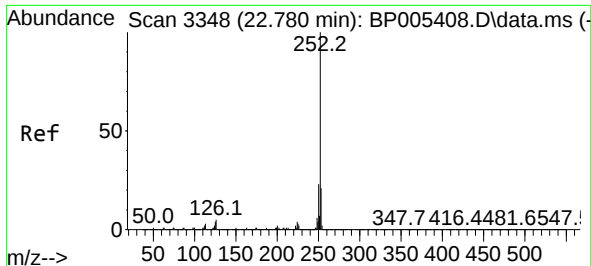
Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 4.3 3.4 5.0

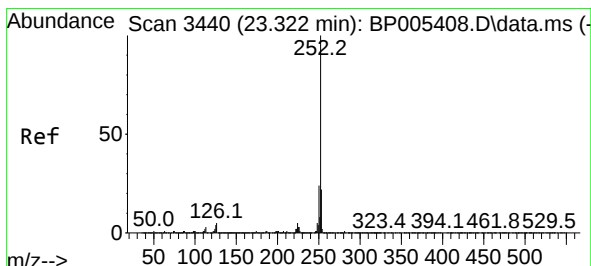
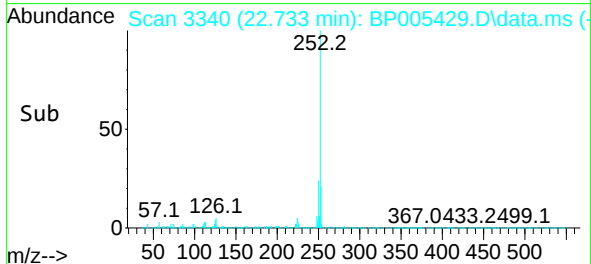
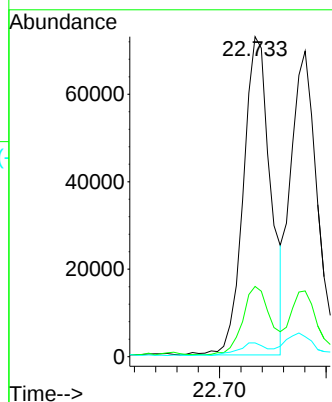
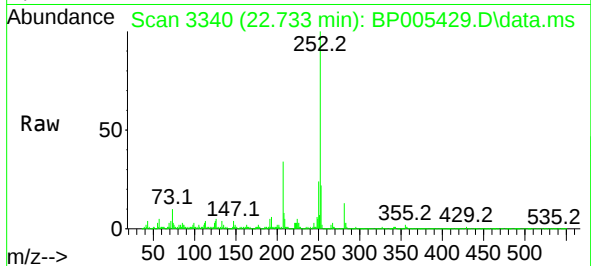




#89
Benzo(k)fluoranthene
Concen: 6.65 ng
RT: 22.733 min Scan# 3340
Delta R.T. -0.047 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Instrument :
BNA_P
ClientSampleId :
HTCRV2-GRAB-TS01-01

Tgt Ion:252 Resp: 129420
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 4.3 3.8 5.6



#90
Benzo(a)pyrene
Concen: 4.35 ng
RT: 23.316 min Scan# 3439
Delta R.T. -0.006 min
Lab File: BP005429.D
Acq: 30 Apr 2021 12:23

Tgt Ion:252 Resp: 80687
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 5.0 3.8 5.6

