

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005392.D
 Acq On : 23 Apr 2021 14:17
 Operator : CG/JU
 Sample : M2107-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-30-9.5-10.0-DUP

Quant Time: Apr 23 15:35:29 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)

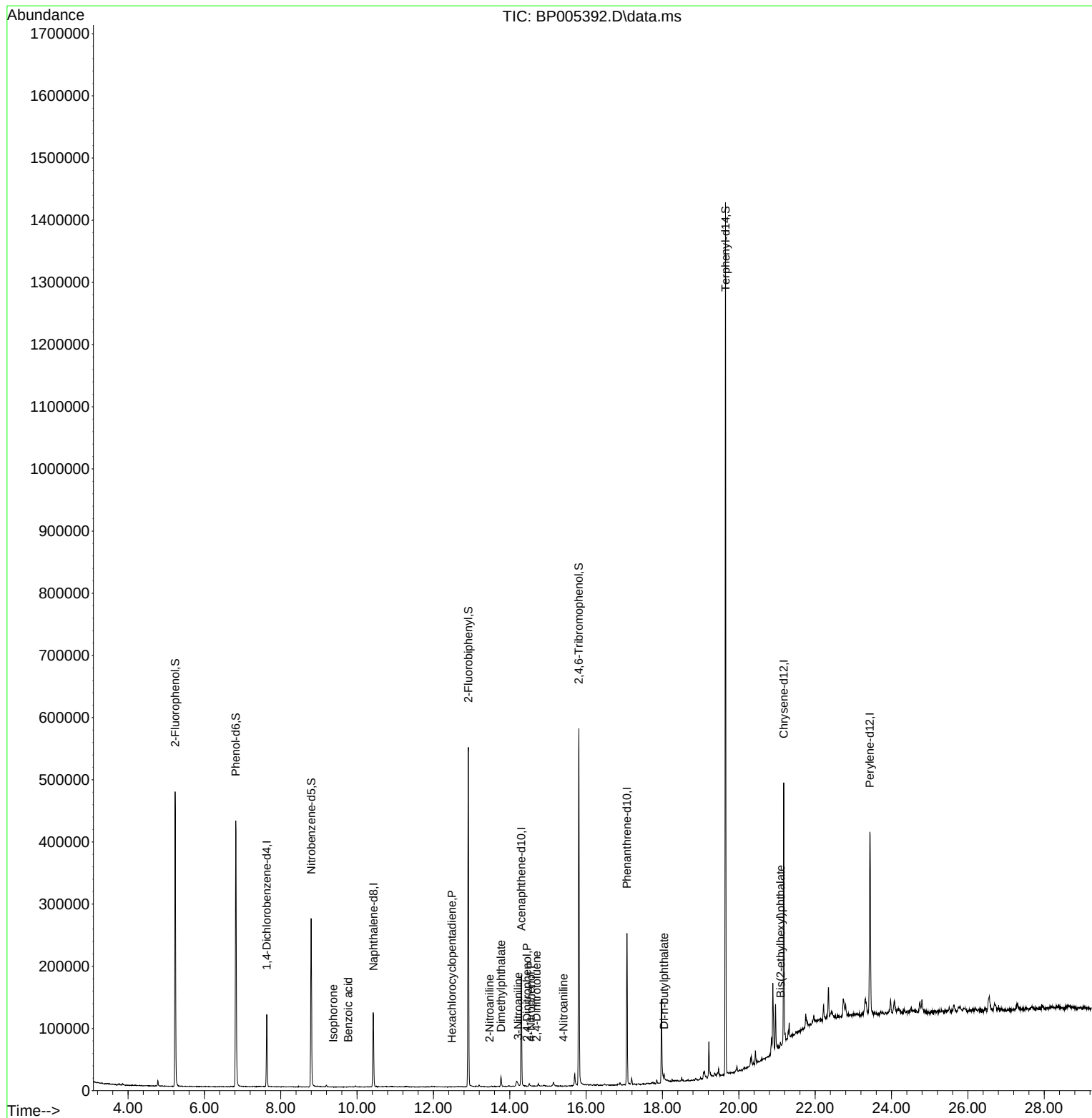
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	21140	20.00	ng	-0.01
21) Naphthalene-d8	10.428	136	73566	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	50408	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	127130	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	183549	20.00	ng	0.00
86) Perylene-d12	23.433	264	205582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	133346	109.57	ng	-0.01
7) Phenol-d6	6.822	99	168202	100.31	ng	-0.01
23) Nitrobenzene-d5	8.799	82	143316	84.73	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	78065	80.96	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	223142	57.30	ng	0.00
79) Terphenyl-d14	19.651	244	505565	51.04	ng	0.00
Target Compounds						Qvalue
25) Isophorone	9.375	82	30	2.96	ng	# 62
32) Benzoic acid	9.769	122	29	7.78	ng	89
41) Hexachlorocyclopentadiene	12.487	237	6	6.97	ng	76
48) 2-Nitroaniline	13.469	65	47	5.49	ng	97
50) Dimethylphthalate	13.769	163	8307	2.27	ng	# 95
53) 3-Nitroaniline	14.222	138	22	2.68	ng	# 1
54) 2,4-Dinitrophenol	14.451	184	22	7.55	ng	# 74
56) 4-Nitrophenol	14.551	139	14	5.32	ng	# 28
57) 2,4-Dinitrotoluene	14.704	165	29	3.13	ng	# 48
62) 4-Nitroaniline	15.404	138	3	3.82	ng	# 60
74) Di-n-butylphthalate	18.045	149	4989	4.66	ng	98
84) Bis(2-ethylhexyl)phtha...	21.092	149	2395	3.52	ng	94

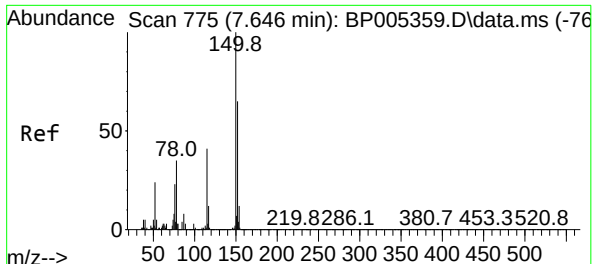
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
Data File : BP005392.D
Acq On : 23 Apr 2021 14:17
Operator : CG/JU
Sample : M2107-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0-DUP

Quant Time: Apr 23 15:35:29 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

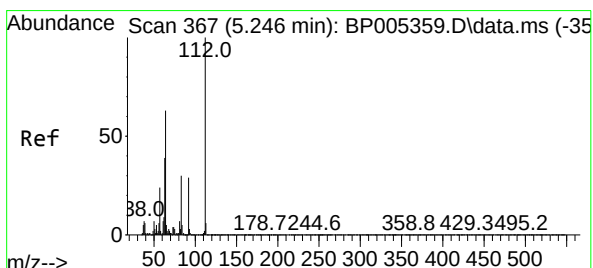
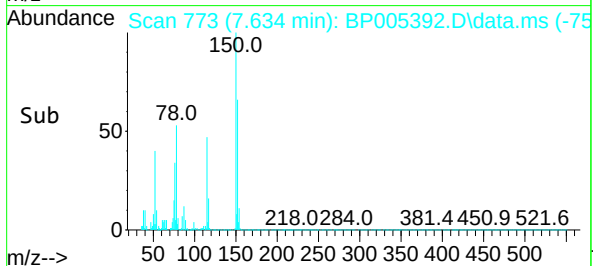
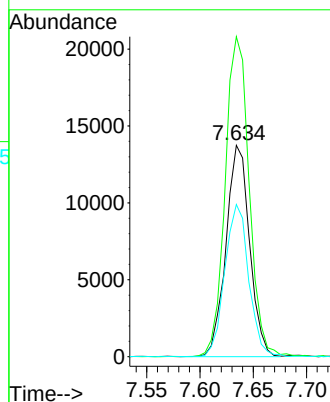
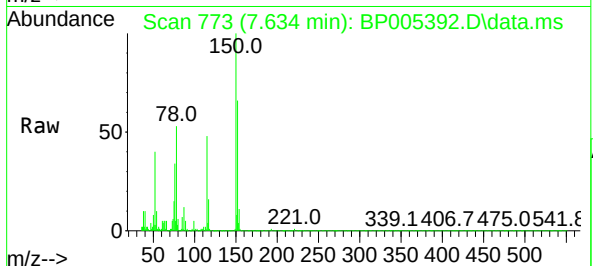




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.012 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

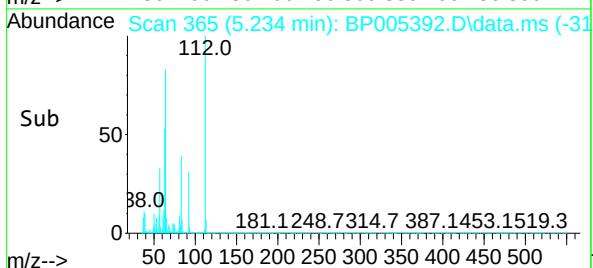
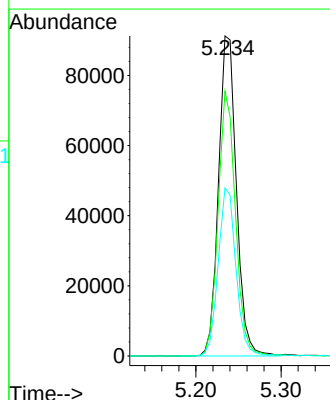
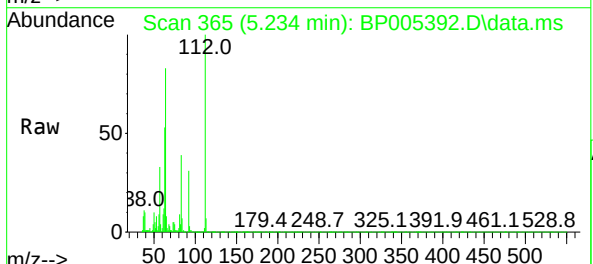
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0-DUP

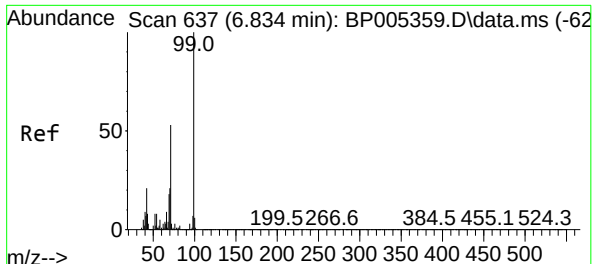
Tgt Ion:152 Resp: 21140
Ion Ratio Lower Upper
152 100
150 151.4 119.8 179.8
115 72.0 49.0 73.4



#5
2-Fluorophenol
Concen: 109.57 ng
RT: 5.234 min Scan# 365
Delta R.T. -0.012 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

Tgt Ion:112 Resp: 133346
Ion Ratio Lower Upper
112 100
64 82.7 33.6 50.4#
63 52.5 18.6 27.8#

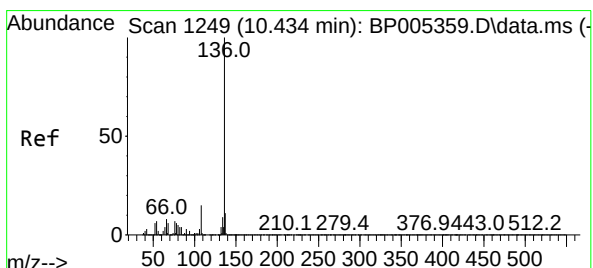
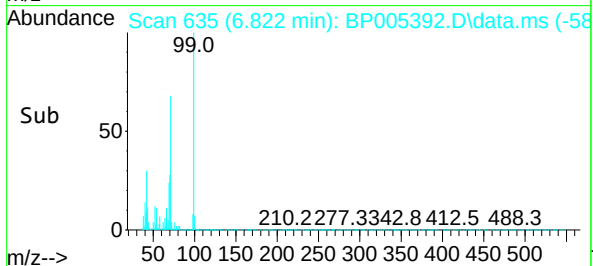
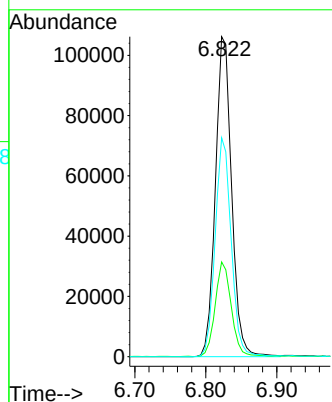
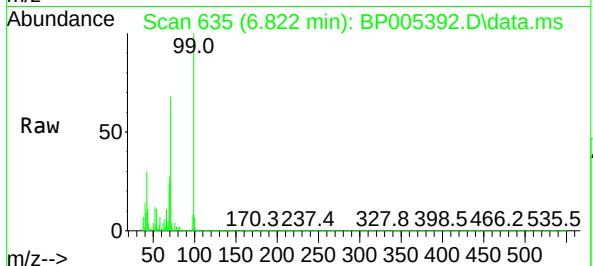




#7
Phenol-d6
Concen: 100.31 ng
RT: 6.822 min Scan# 635
Delta R.T. -0.012 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

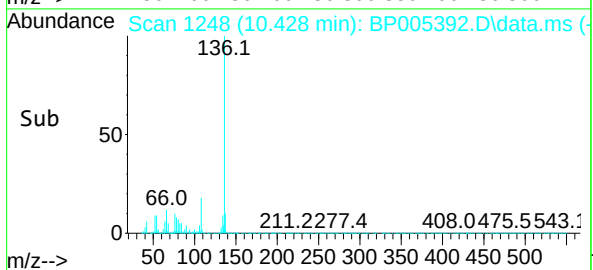
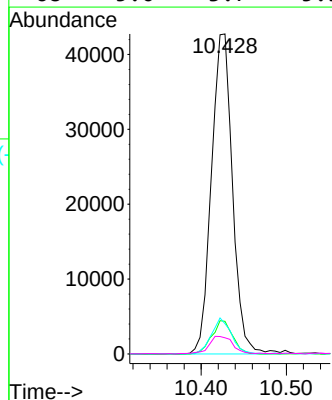
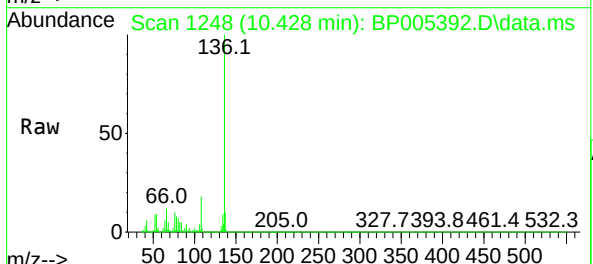
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0-DUP

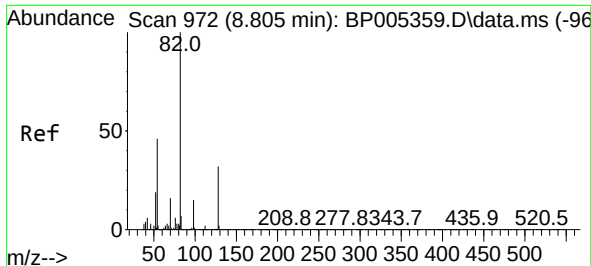
Tgt Ion: 99 Resp: 168202
Ion Ratio Lower Upper
99 100
42 29.6 12.9 19.3#
71 68.4 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

Tgt Ion:136 Resp: 73566
Ion Ratio Lower Upper
136 100
137 10.2 8.9 13.3
54 9.5 5.0 7.4#
68 5.0 3.7 5.5

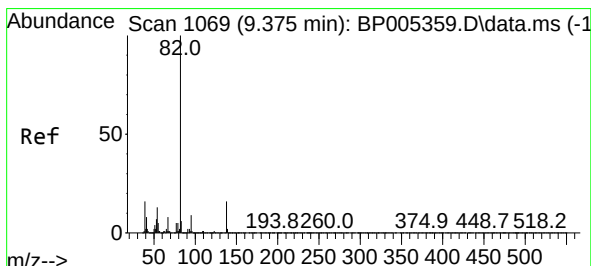
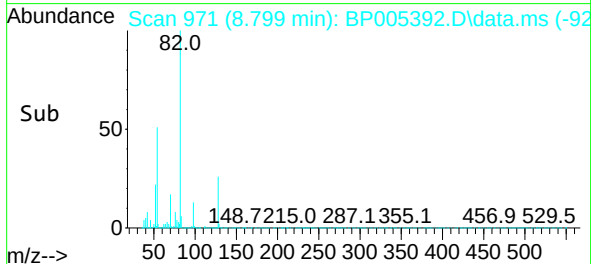
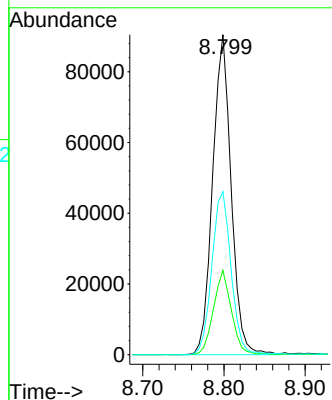
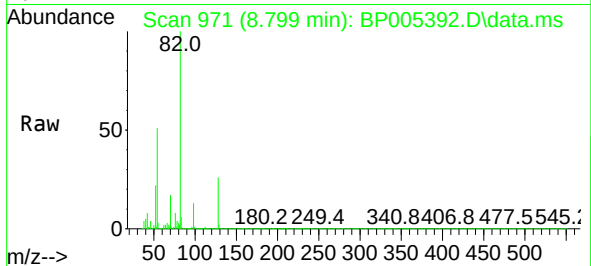




#23
Nitrobenzene-d5
Concen: 84.73 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

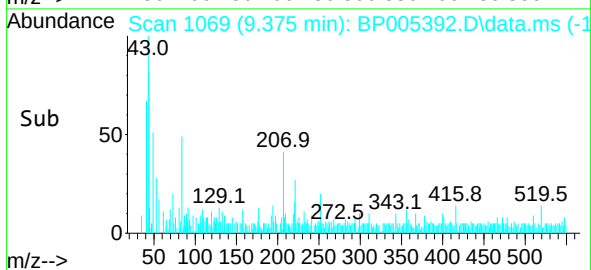
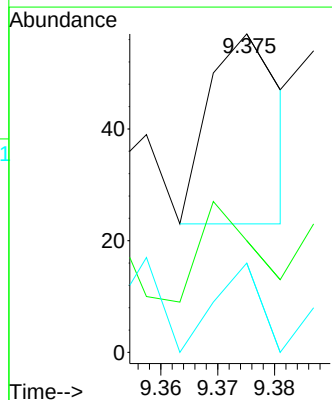
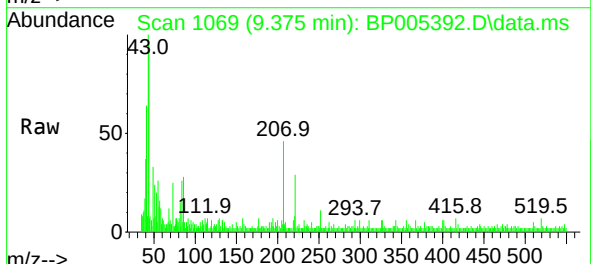
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0-DUP

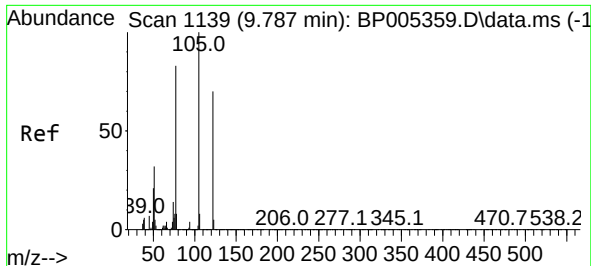
Tgt Ion: 82 Resp: 143316
Ion Ratio Lower Upper
82 100
128 26.3 30.5 45.7#
54 51.0 33.9 50.9#



#25
Isophorone
Concen: 2.96 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

Tgt Ion: 82 Resp: 30
Ion Ratio Lower Upper
82 100
95 35.1 7.5 11.3#
138 28.1 14.6 22.0#

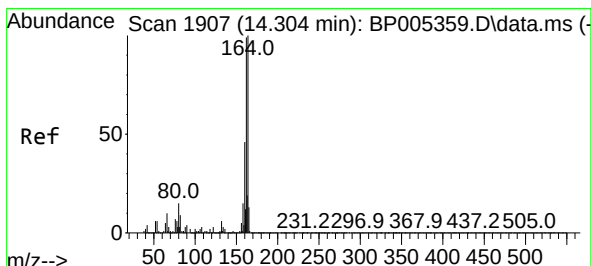
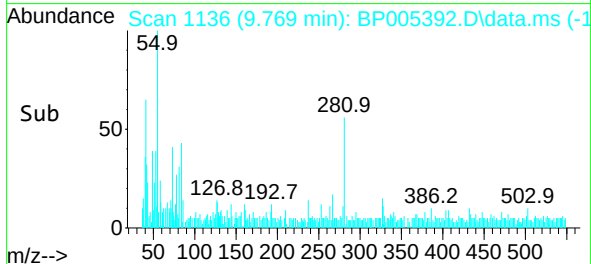
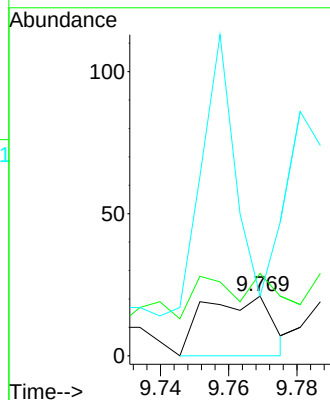
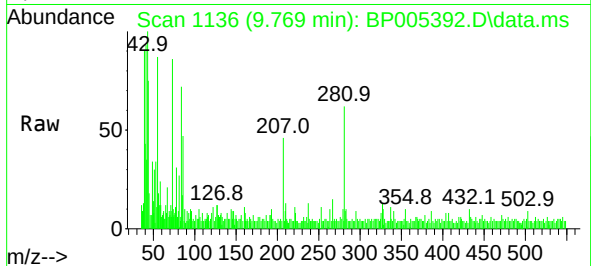




#32
Benzoic acid
Concen: 7.78 ng
RT: 9.769 min Scan# 1136
Delta R.T. -0.018 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

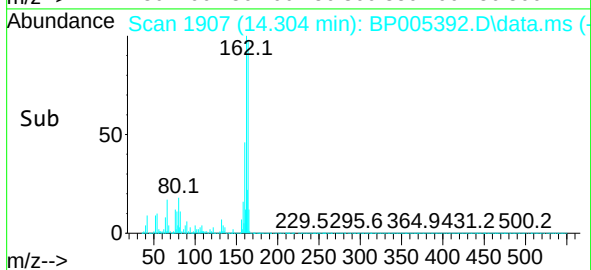
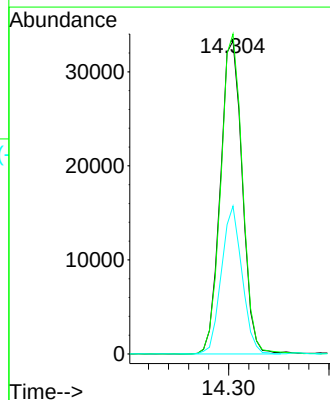
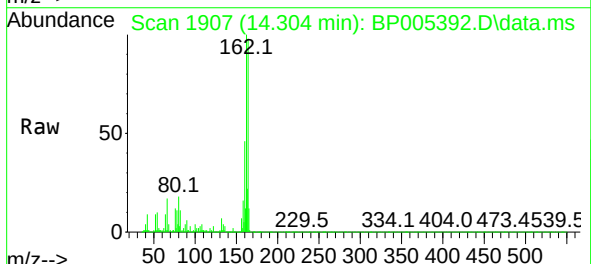
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0-DUP

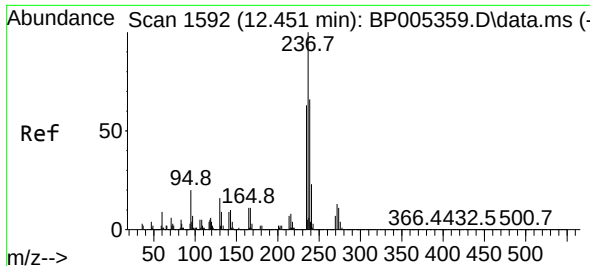
Tgt Ion:122 Resp: 29
Ion Ratio Lower Upper
122 100
105 138.1 105.1 145.1
77 100.0 69.6 109.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

Tgt Ion:164 Resp: 50408
Ion Ratio Lower Upper
164 100
162 102.2 73.5 110.3
160 47.2 40.6 61.0

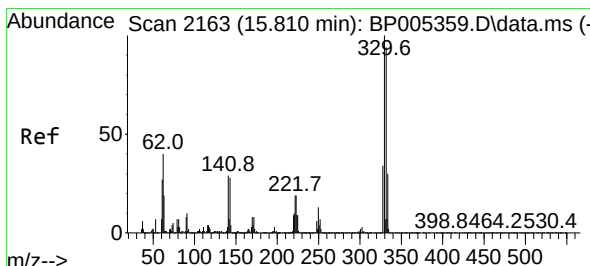
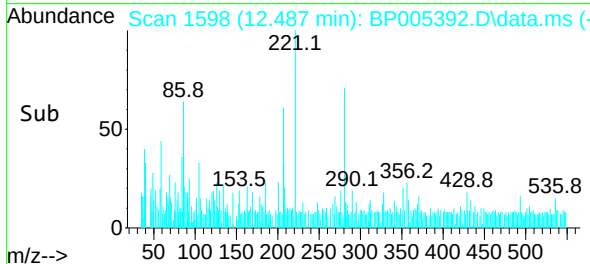
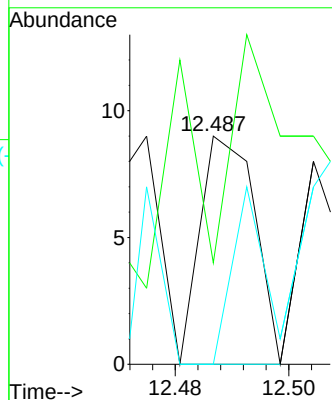
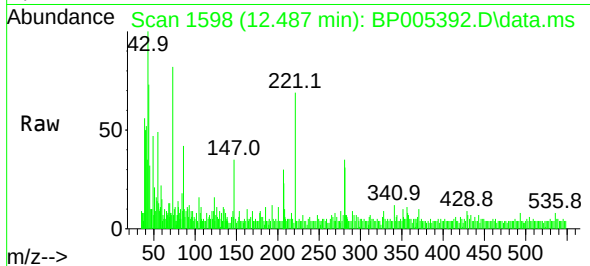




#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.487 min Scan# 1598
Delta R.T. 0.036 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

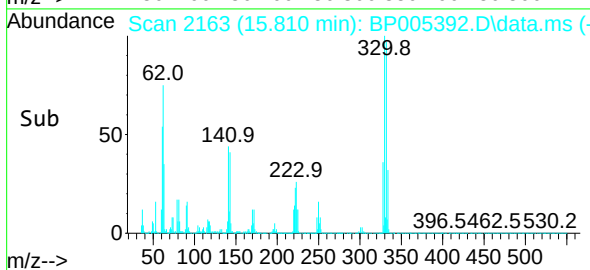
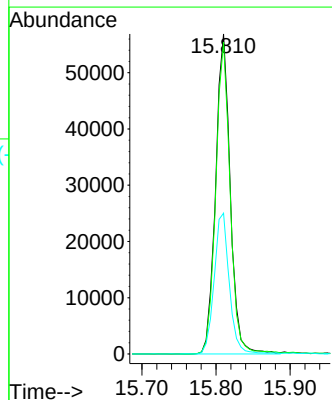
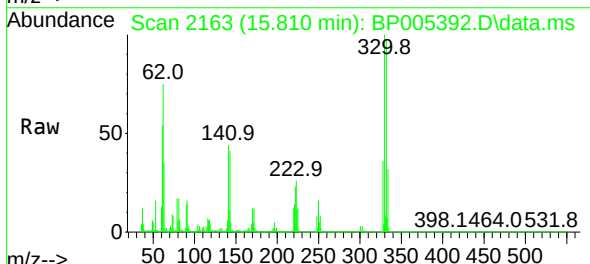
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0-DUP

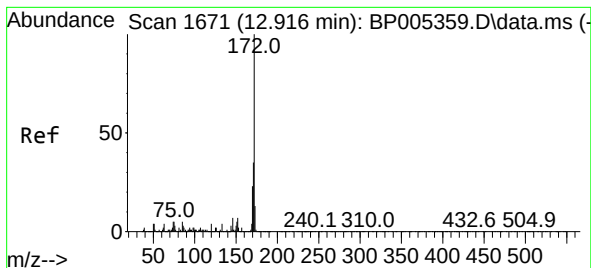
Tgt Ion:	237	Resp:	6
Ion	Ratio	Lower	Upper
237	100		
235	44.4	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 80.96 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

Tgt Ion:	330	Resp:	78065
Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.3	114.5
141	45.6	22.8	34.2#

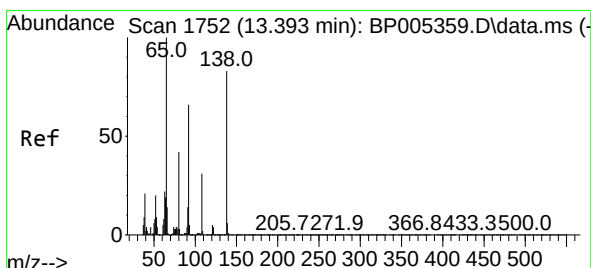
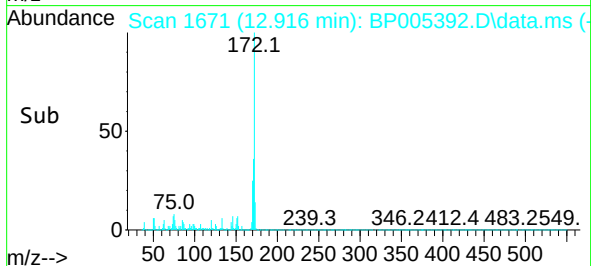
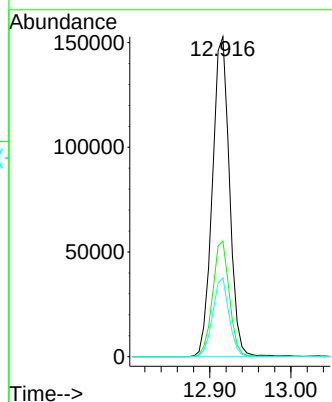
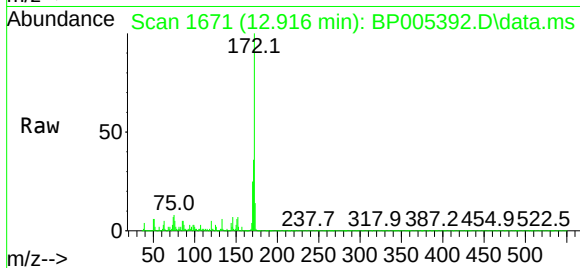




#45
2-Fluorobiphenyl
Concen: 57.30 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

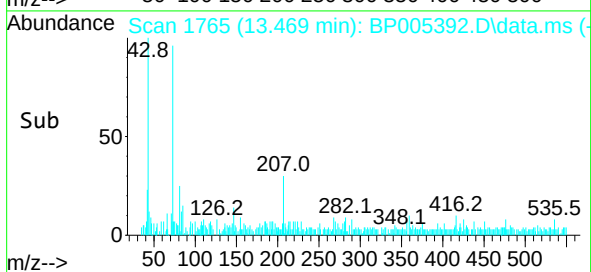
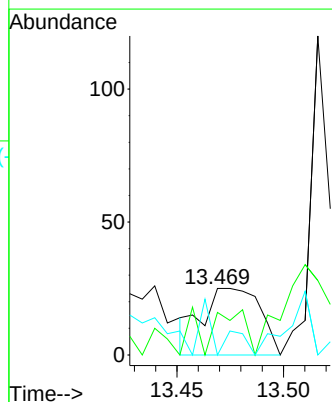
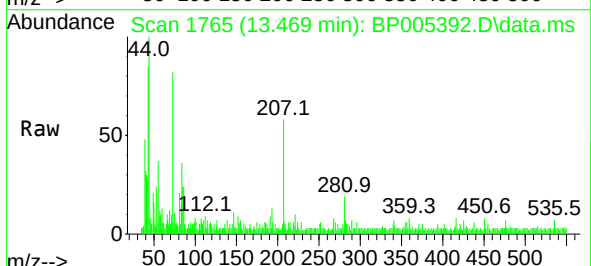
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0-DUP

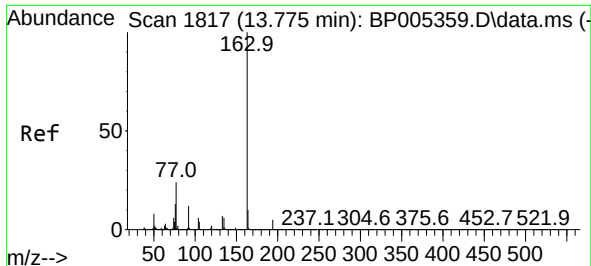
Tgt Ion:	172	Resp:	223142
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.1	42.1
170	24.7	19.6	29.4



#48
2-Nitroaniline
Concen: 5.49 ng
RT: 13.469 min Scan# 1765
Delta R.T. 0.076 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

Tgt Ion:	65	Resp:	47
Ion Ratio	Lower	Upper	
65	100		
92	64.0	48.8	73.2
138	84.0	69.5	104.3

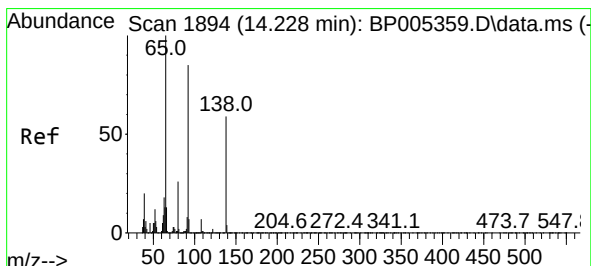
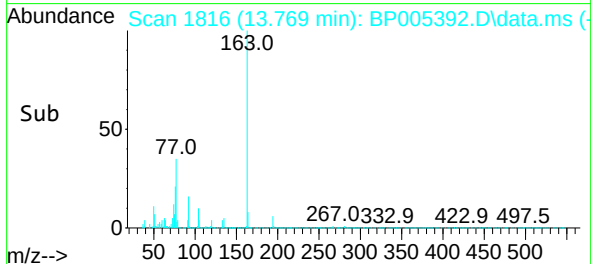
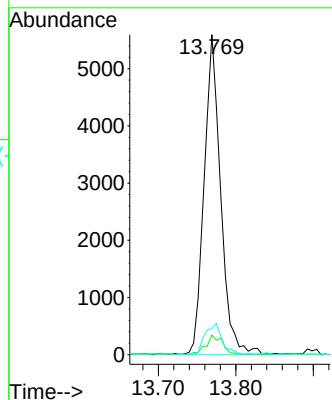
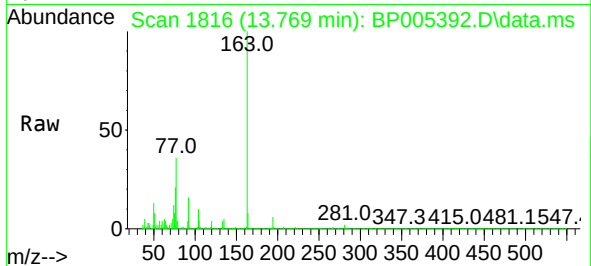




#50
Dimethylphthalate
Concen: 2.27 ng
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

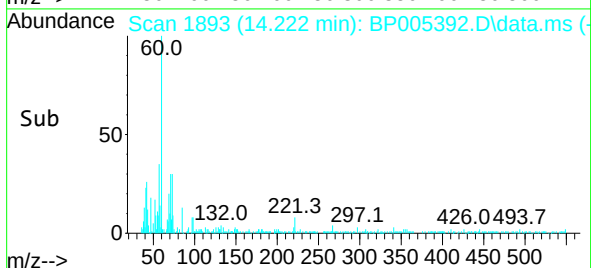
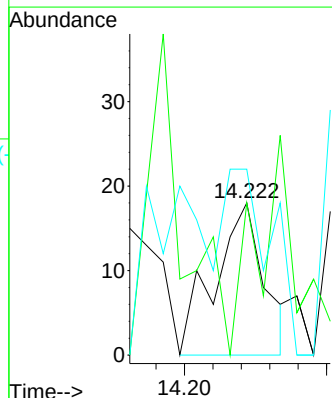
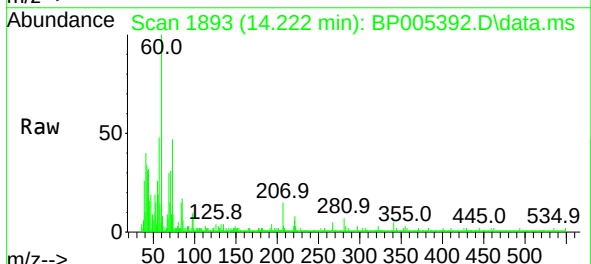
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0-DUP

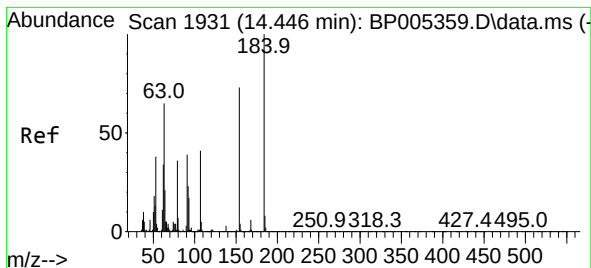
Tgt Ion:163 Resp: 8307
Ion Ratio Lower Upper
163 100
194 6.1 3.9 5.9#
164 8.2 8.1 12.1



#53
3-Nitroaniline
Concen: 2.68 ng
RT: 14.222 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

Tgt Ion:138 Resp: 22
Ion Ratio Lower Upper
138 100
108 100.0 10.2 15.4#
92 250.0 108.1 162.1#

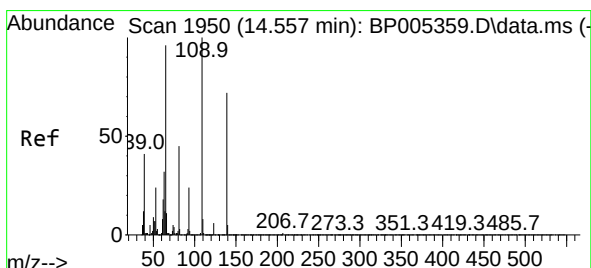
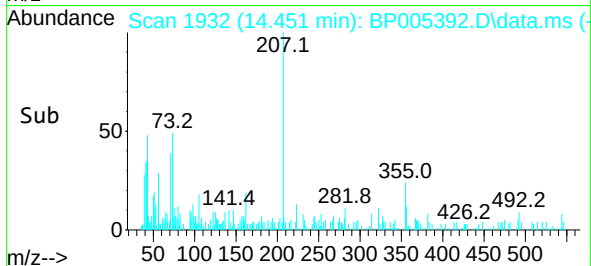
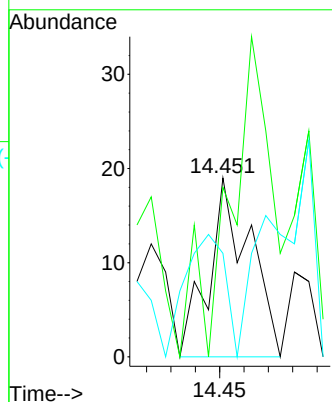
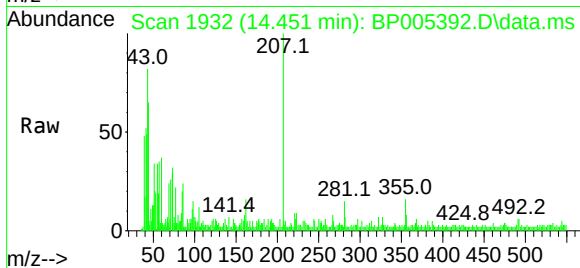




#54
2,4-Dinitrophenol
Concen: 7.55 ng
RT: 14.451 min Scan# 1932
Delta R.T. 0.005 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

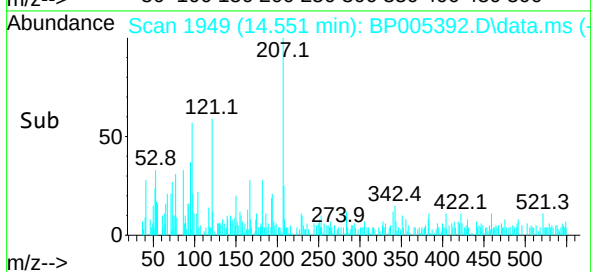
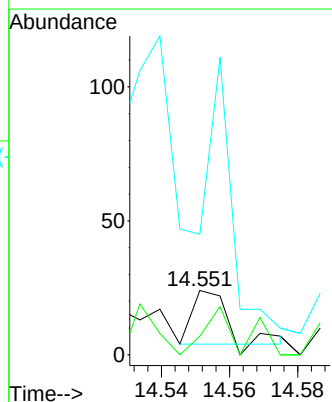
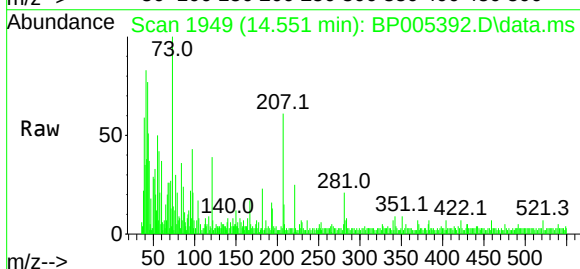
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0-DUP

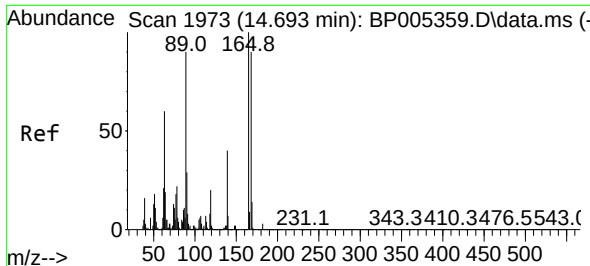
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 94.7 51.2 76.8#
154 57.9 55.8 83.8



#56
4-Nitrophenol
Concen: 5.32 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

Tgt Ion:139 Resp: 14
Ion Ratio Lower Upper
139 100
109 29.2 122.8 162.8#
65 187.5 110.0 150.0#

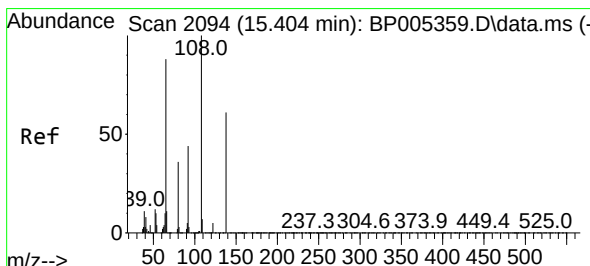
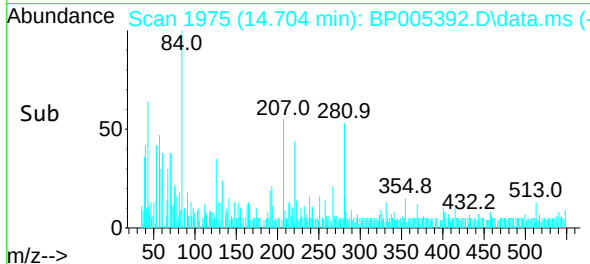
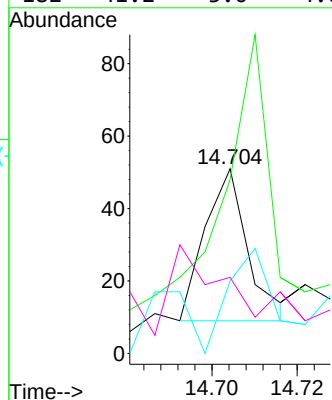
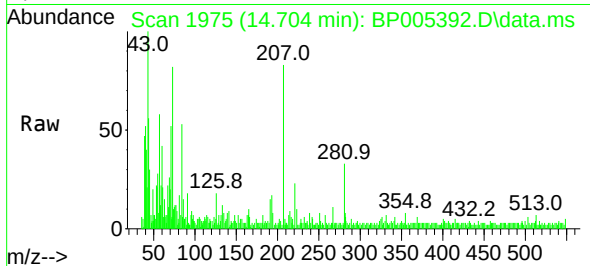




#57
2,4-Dinitrotoluene
Concen: 3.13 ng
RT: 14.704 min Scan# 1975
Delta R.T. 0.011 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

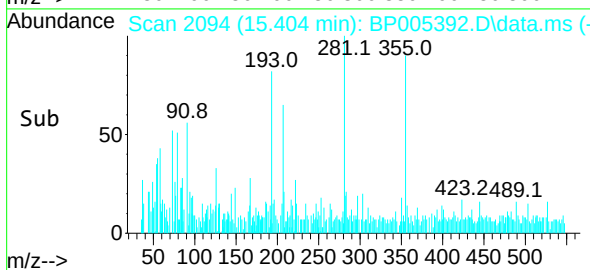
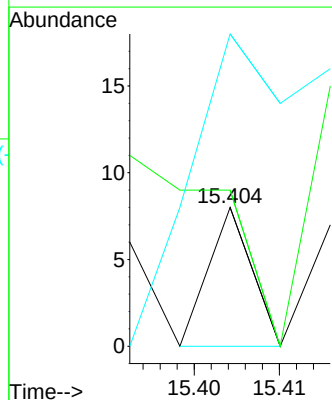
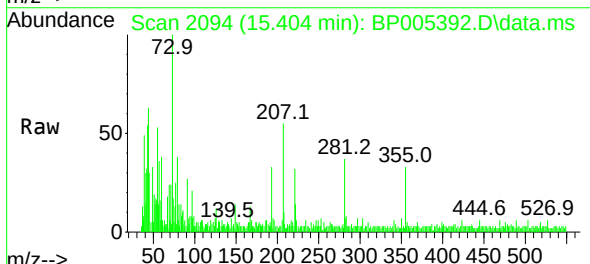
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0-DUP

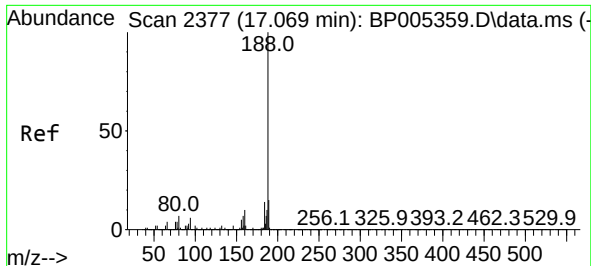
Tgt Ion:	165	Resp:	29
Ion	Ratio	Lower	Upper
165	100		
63	94.1	56.7	85.1#
89	39.2	85.8	128.6#
182	41.2	3.0	4.6#



#62
4-Nitroaniline
Concen: 3.82 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

Tgt Ion:	138	Resp:	3
Ion	Ratio	Lower	Upper
138	100		
92	112.5	50.9	90.9#
108	225.0	154.7	194.7#

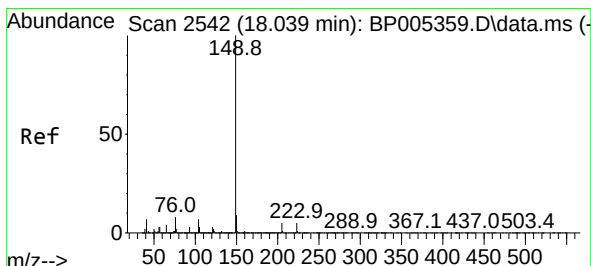
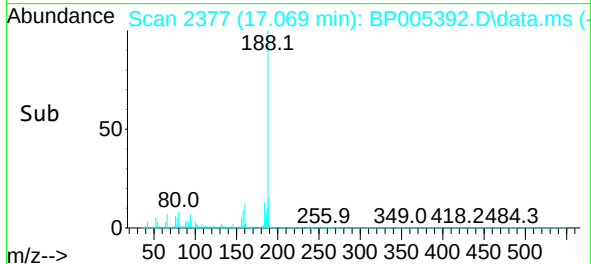
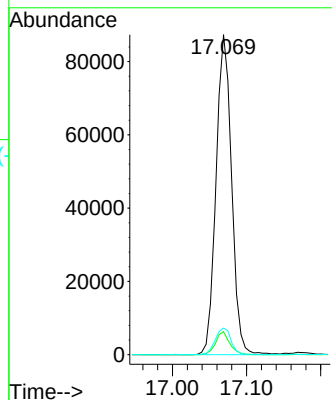
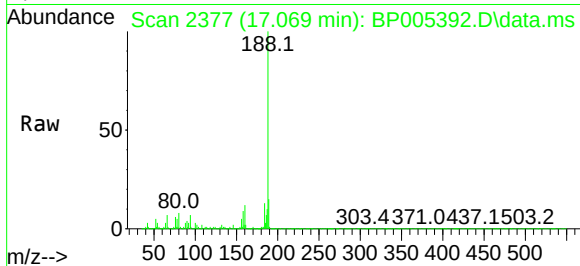




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

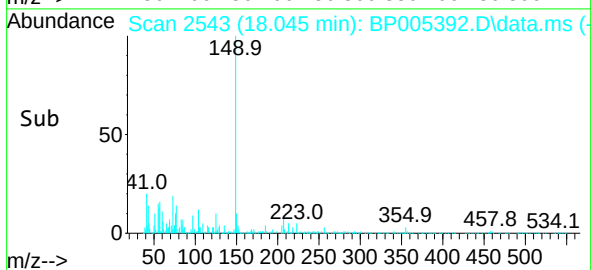
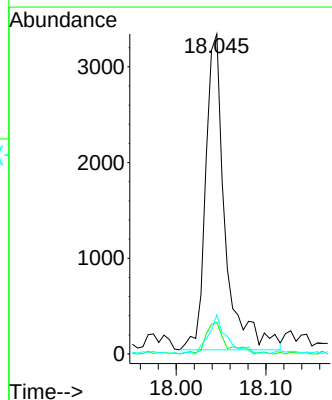
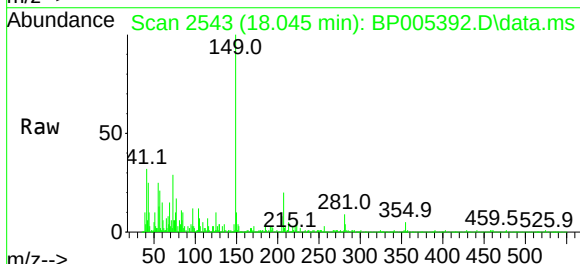
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0-DUP

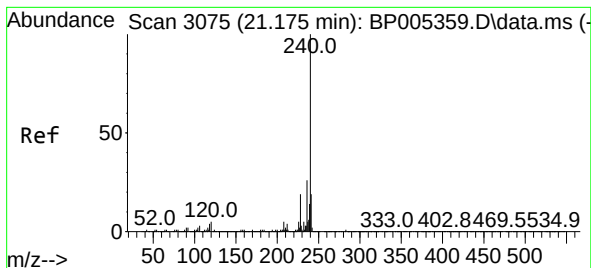
Tgt Ion:188 Resp: 127130
Ion Ratio Lower Upper
188 100
94 8.0 5.0 7.6#
80 8.3 5.9 8.9



#74
Di-n-butylphthalate
Concen: 4.66 ng
RT: 18.045 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

Tgt Ion:149 Resp: 4989
Ion Ratio Lower Upper
149 100
150 9.9 7.6 11.4
104 12.3 8.9 13.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.174 min Scan# 3075

Delta R.T. -0.001 min

Lab File: BP005392.D

Acq: 23 Apr 2021 14:17

Tgt Ion:240 Resp: 183549

Ion Ratio Lower Upper

240 100

120 5.0 4.2 6.2

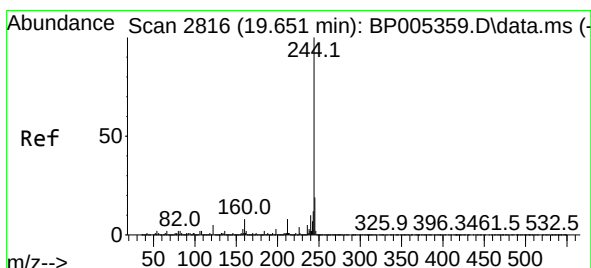
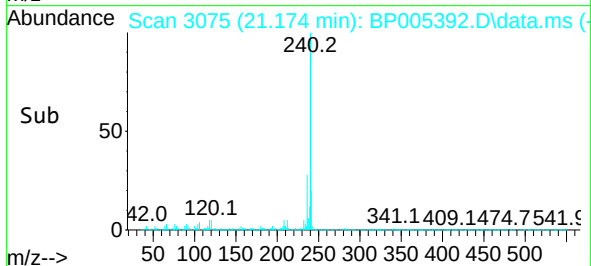
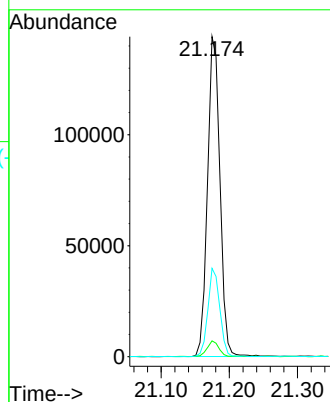
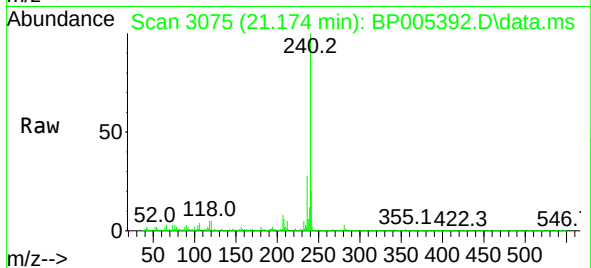
236 27.6 20.2 30.2

Instrument :

BNA_P

ClientSampleId :

SB-30-9.5-10.0-DUP



#79

Terphenyl-d14

Concen: 51.04 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BP005392.D

Acq: 23 Apr 2021 14:17

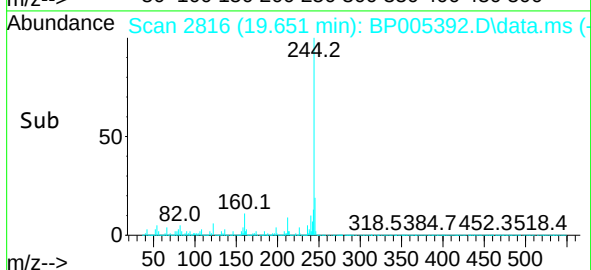
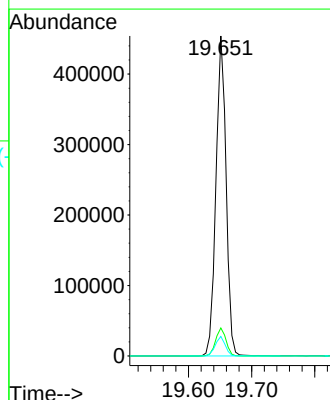
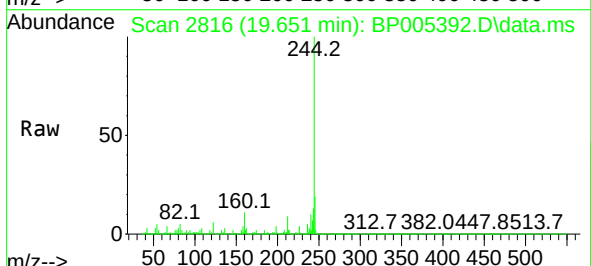
Tgt Ion:244 Resp: 505565

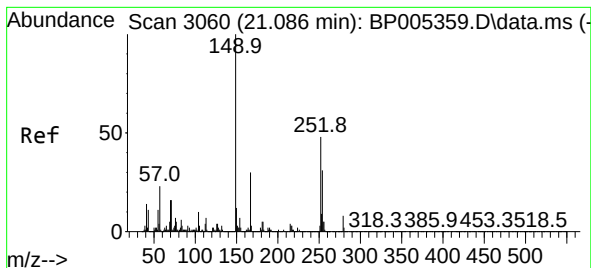
Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.6#

122 6.1 5.2 7.8



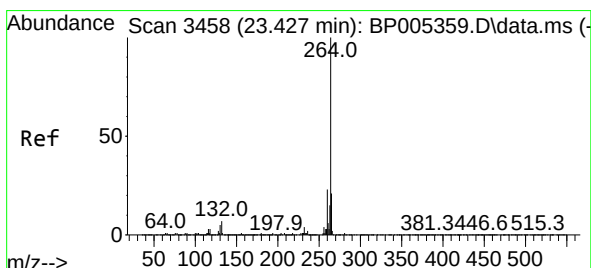
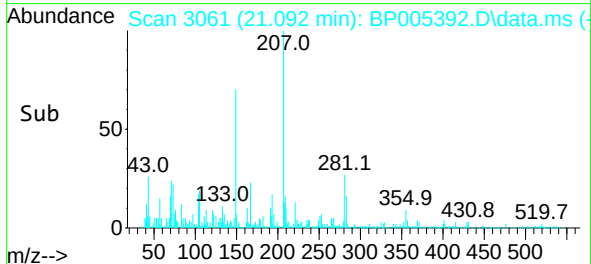
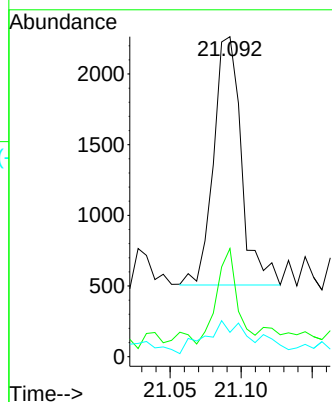
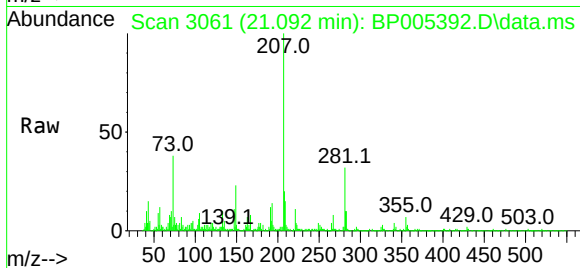


#84

Bis(2-ethylhexyl)phthalate
Concen: 3.52 ng
RT: 21.092 min Scan# 3061
Delta R.T. 0.006 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0-DUP

Tgt Ion:149 Resp: 2395
Ion Ratio Lower Upper
149 100
167 33.8 23.8 35.8
279 7.6 5.7 8.5



#86

Perylene-d12
Concen: 20.00 ng
RT: 23.433 min Scan# 3459
Delta R.T. 0.006 min
Lab File: BP005392.D
Acq: 23 Apr 2021 14:17

Tgt Ion:264 Resp: 205582
Ion Ratio Lower Upper
264 100
260 23.1 20.6 30.8
265 21.4 19.0 28.6

