

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112221\
 Data File : BP008081.D
 Acq On : 22 Nov 2021 14:09
 Operator : CG/JU
 Sample : M4754-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-12-COMP

Quant Time: Nov 23 01:22:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

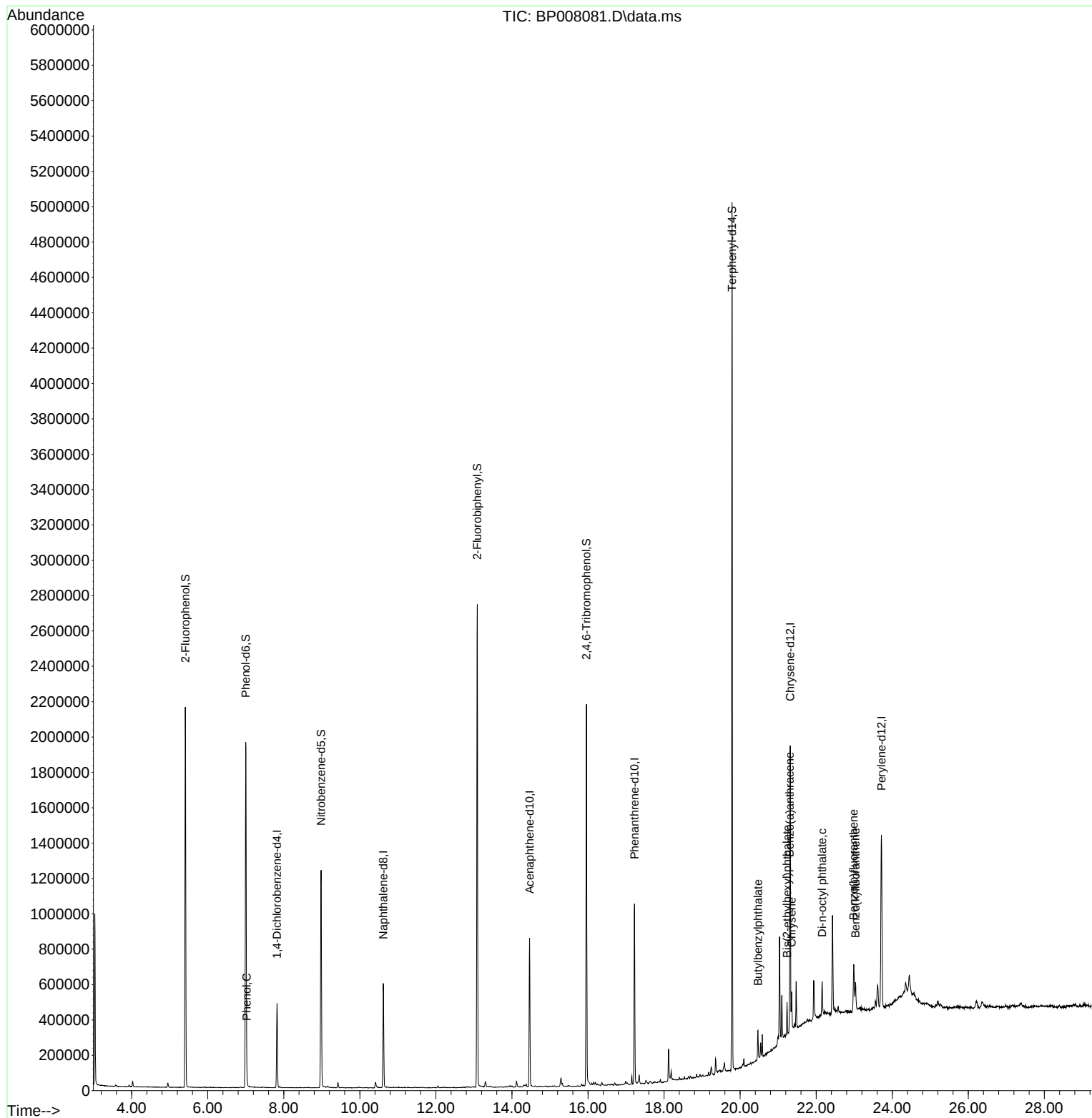
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	122129	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	449898	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	282511	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	621502	20.000	ng	0.00
76) Chrysene-d12	21.316	240	730252	20.000	ng	0.00
86) Perylene-d12	23.716	264	786915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	854757	119.627	ng	0.00
7) Phenol-d6	6.999	99	1087152	109.764	ng	-0.01
23) Nitrobenzene-d5	8.981	82	713653	71.960	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	385886	107.933	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1412010	78.262	ng	0.00
79) Terphenyl-d14	19.786	244	2330220	62.737	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.958	77	94	Below Cal	#	36
10) Phenol	7.028	94	24680	2.326	ng	89
58) Fluorene	15.516	166	738	Below Cal	#	92
61) 4-Chlorophenyl-phenyle...	15.510	204	201	Below Cal	#	82
80) Butylbenzylphthalate	20.469	149	50593	2.442	ng	99
81) Benzo(a)anthracene	21.304	228	120949	2.470	ng	98
82) 3,3'-Dichlorobenzidine	21.239	252	1680	Below Cal	#	80
83) Chrysene	21.351	228	129672	2.790	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	65639	2.342	ng	100
85) Di-n-octyl phthalate	22.157	149	144518	2.814	ng	100
88) Benzo(b)fluoranthene	22.986	252	132912	2.701	ng	# 98
89) Benzo(k)fluoranthene	23.033	252	133451	2.726	ng	# 96

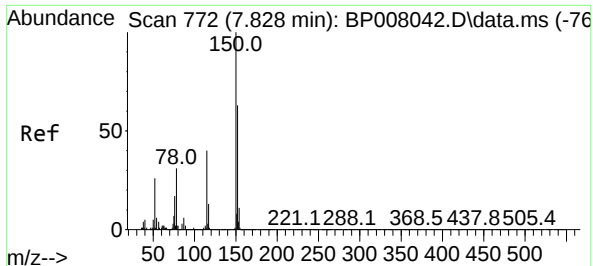
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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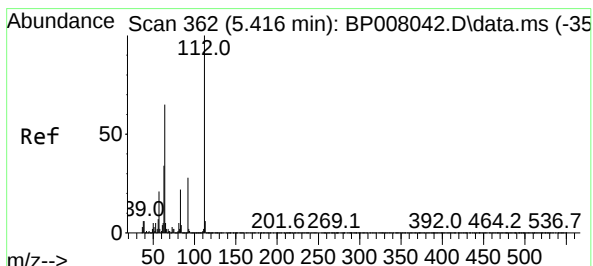
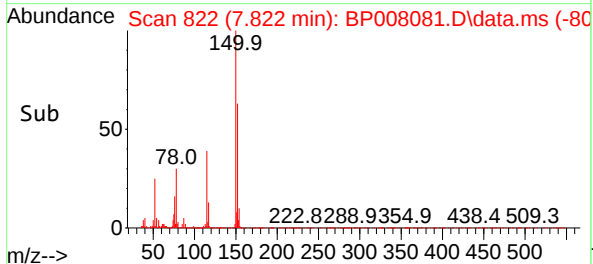
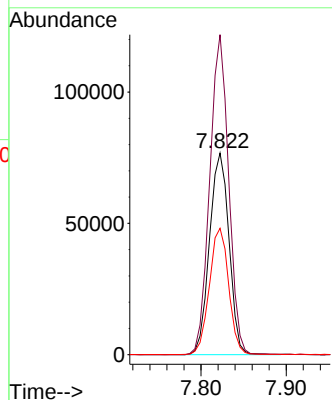
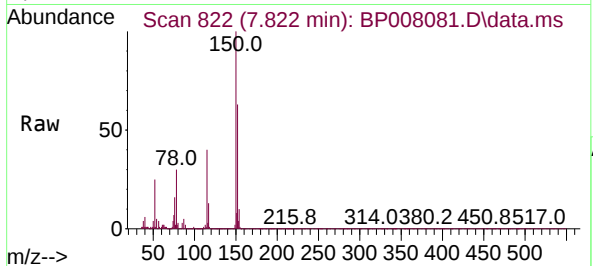




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

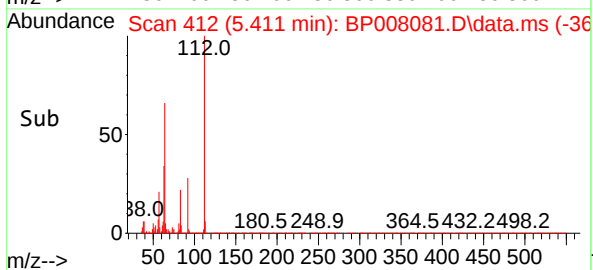
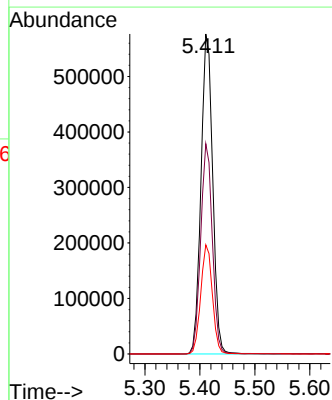
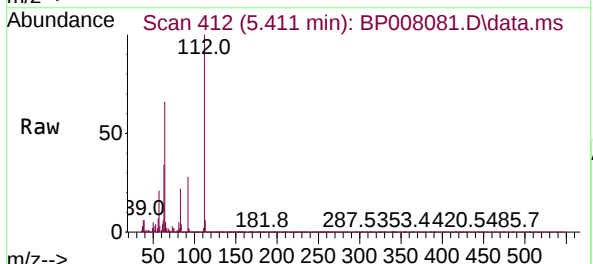
Instrument :
BNA_P
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TP-12-COMP

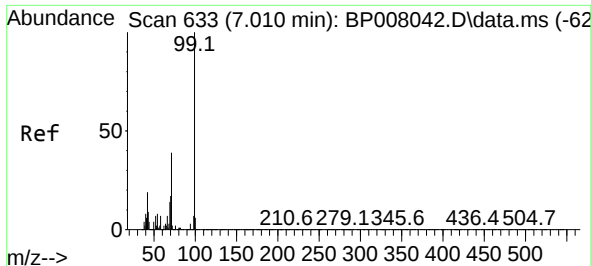
Tgt Ion:152 Resp: 122129
Ion Ratio Lower Upper
152 100
150 158.7 126.5 189.7
115 62.7 50.6 75.8



#5
2-Fluorophenol
Concen: 119.627 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.005 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

Tgt Ion:112 Resp: 854757
Ion Ratio Lower Upper
112 100
64 65.7 51.7 77.5
63 34.1 27.4 41.0

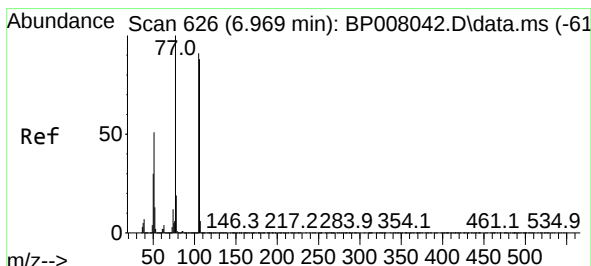
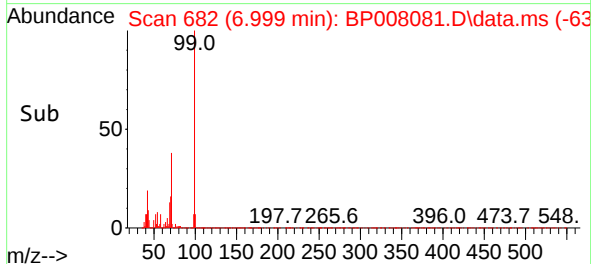
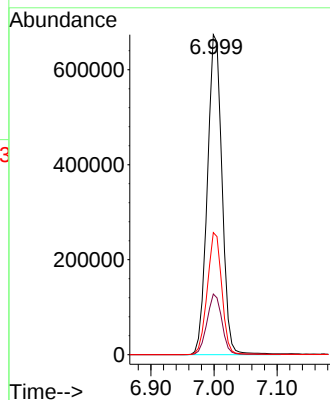
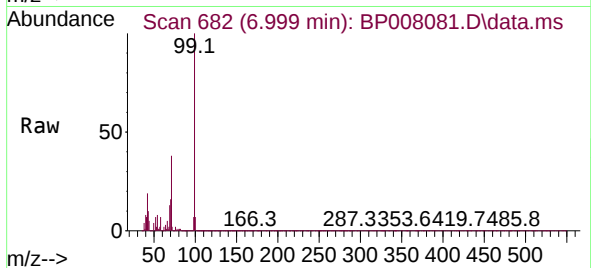




#7
Phenol-d6
Concen: 109.764 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

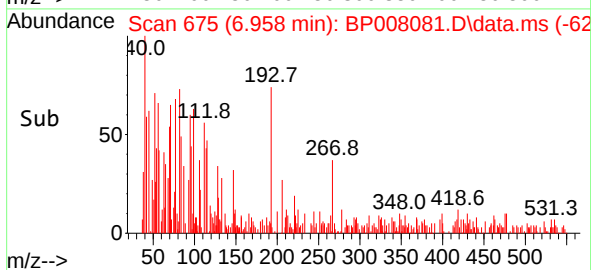
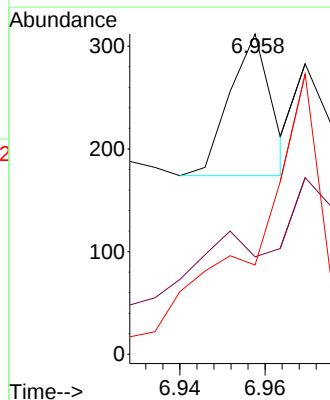
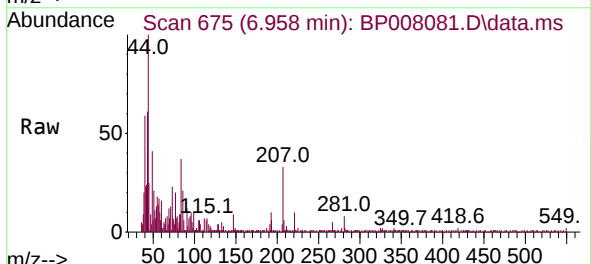
Instrument :
BNA_P
ClientSampleId :
TP-12-COMP

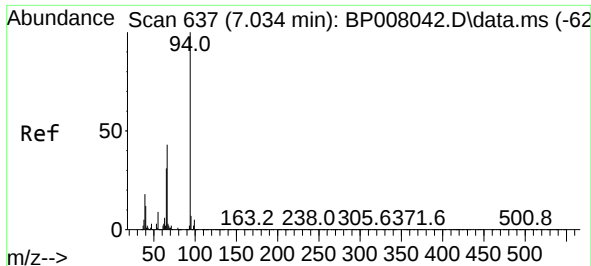
Tgt Ion: 99 Resp: 1087152
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.2
71 38.2 31.0 46.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.958 min Scan# 675
Delta R.T. -0.011 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

Tgt Ion: 77 Resp: 94
Ion Ratio Lower Upper
77 100
105 30.4 71.5 111.5#
106 27.9 67.9 107.9#

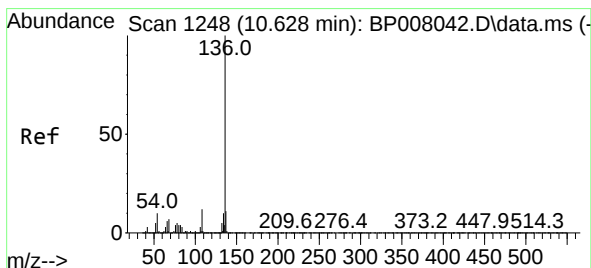
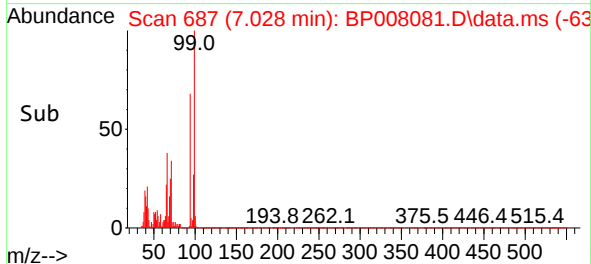
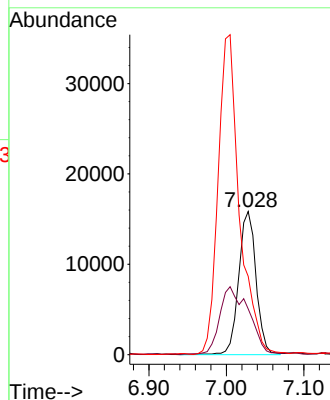
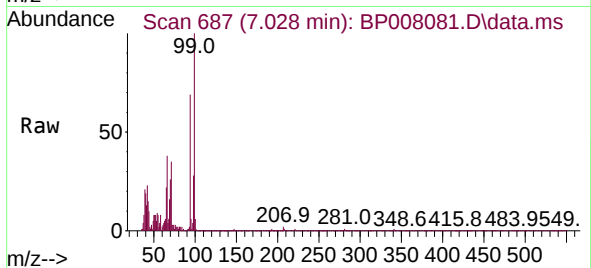




#10
Phenol
Concen: 2.326 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

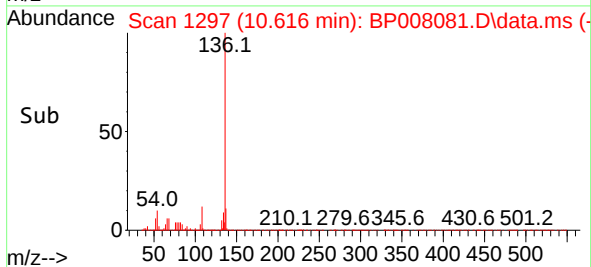
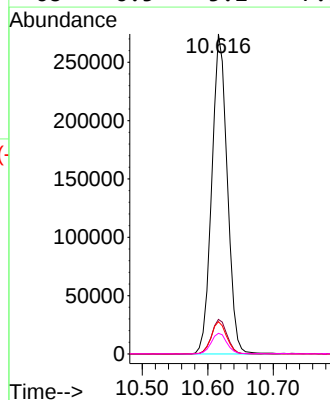
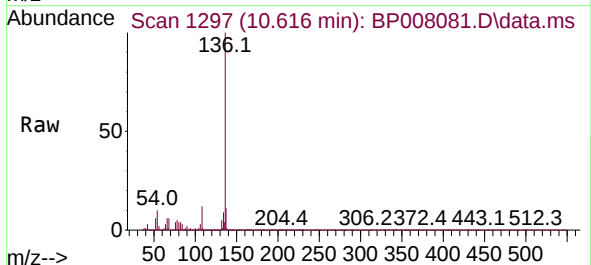
Instrument :
BNA_P
ClientSampleId :
TP-12-COMP

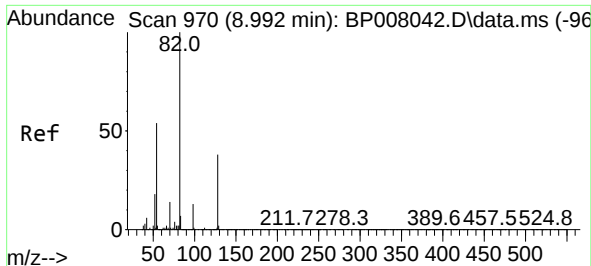
Tgt Ion: 94 Resp: 24680
Ion Ratio Lower Upper
94 100
65 32.0 11.5 51.5
66 54.7 23.5 63.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

Tgt Ion: 136 Resp: 449898
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 10.1 8.0 12.0
68 6.5 5.2 7.8

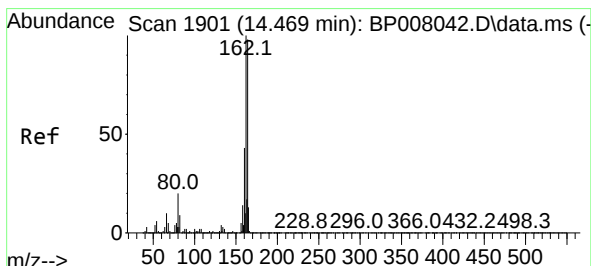
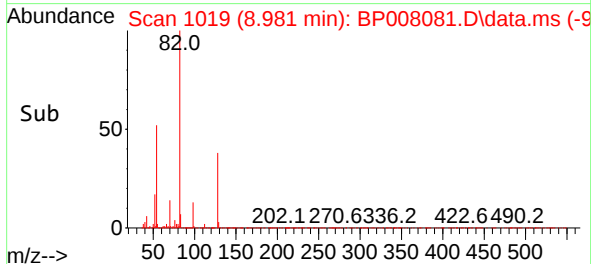
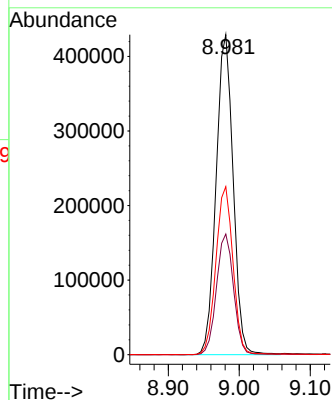
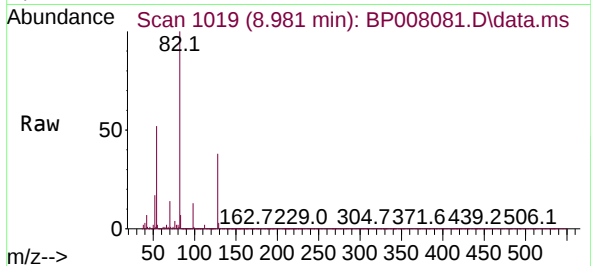




#23
Nitrobenzene-d5
Concen: 71.960 ng
RT: 8.981 min Scan# 10
Delta R.T. -0.011 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

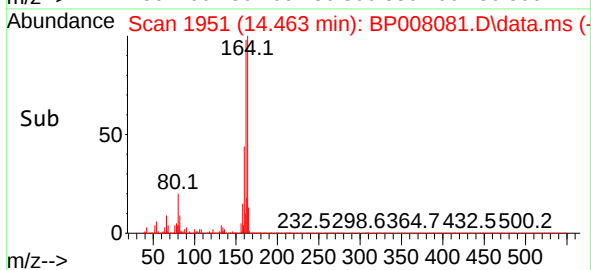
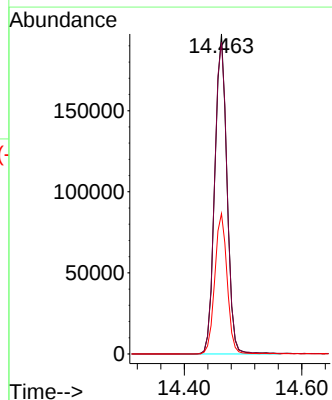
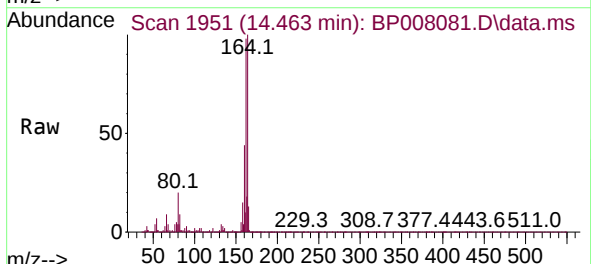
Instrument :
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ClientSampleId :
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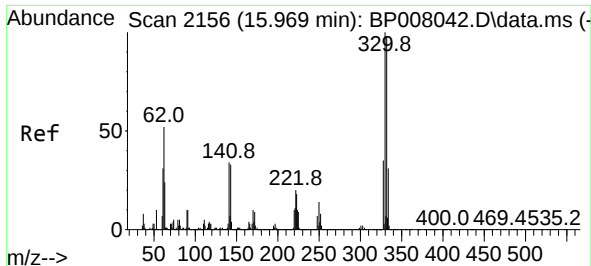
Tgt Ion: 82 Resp: 713653
Ion Ratio Lower Upper
82 100
128 37.7 30.2 45.2
54 52.5 43.1 64.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

Tgt Ion:164 Resp: 282511
Ion Ratio Lower Upper
164 100
162 97.5 81.8 122.8
160 43.9 35.1 52.7

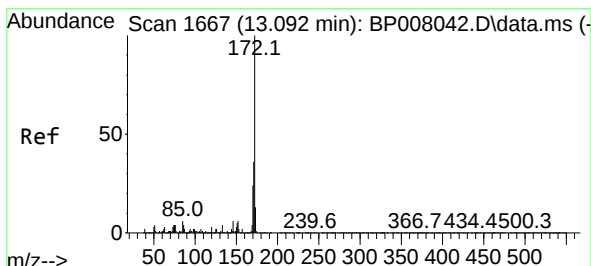
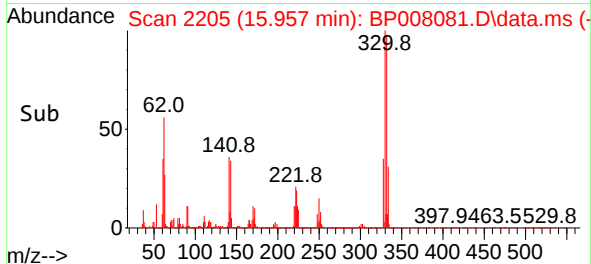
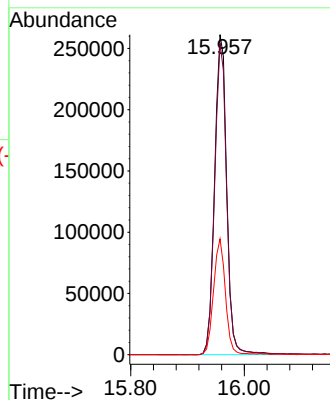
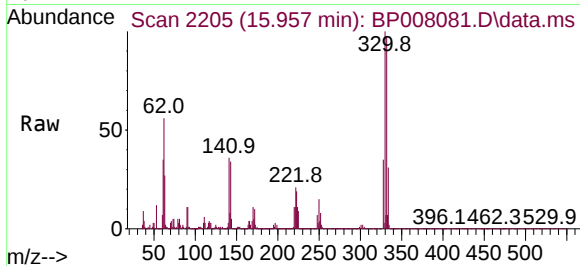




#42
2,4,6-Tribromophenol
Concen: 107.933 ng
RT: 15.957 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

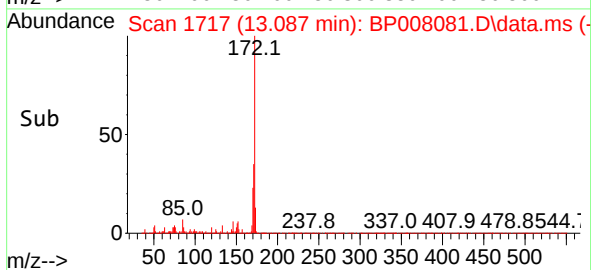
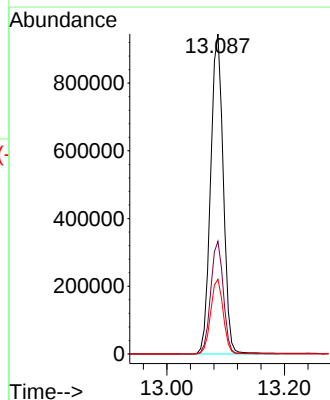
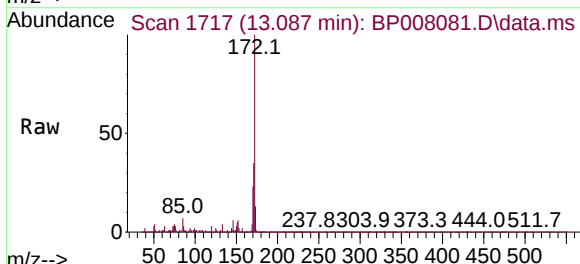
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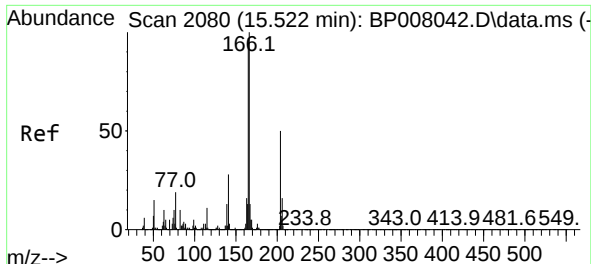
Tgt Ion:330 Resp: 385886
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 35.4 29.6 44.4



#45
2-Fluorobiphenyl
Concen: 78.262 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.005 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

Tgt Ion:172 Resp: 1412010
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.3 19.0 28.4

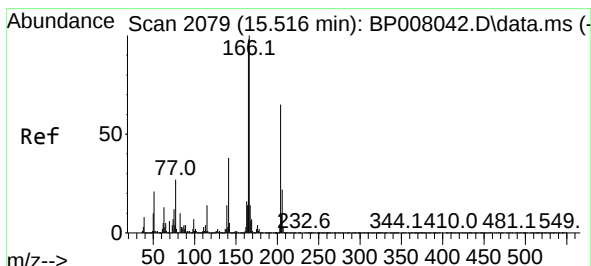
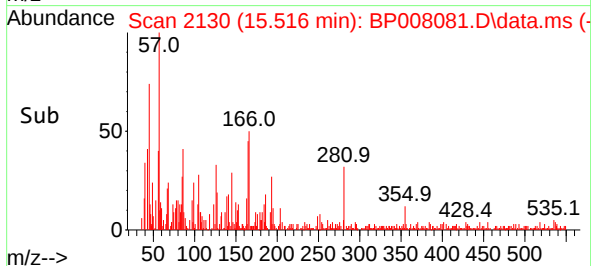
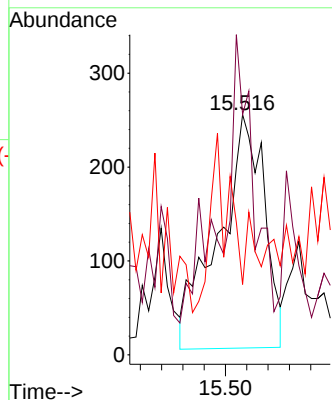
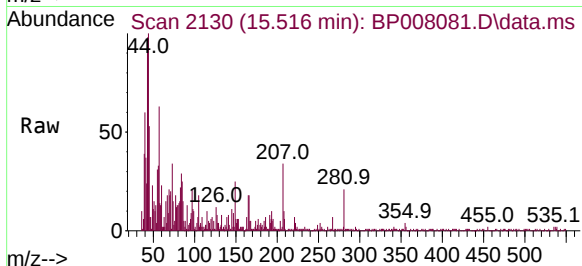




#58
Fluorene
Concen: Below Cal
RT: 15.516 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

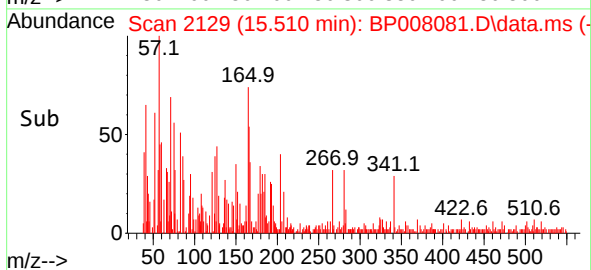
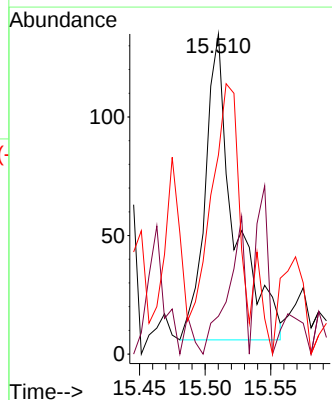
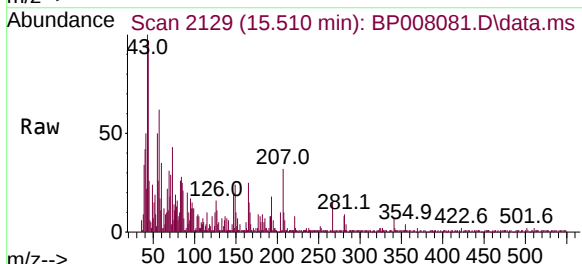
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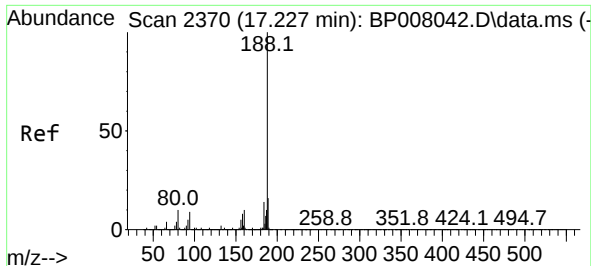
Tgt Ion:166 Resp: 738
Ion Ratio Lower Upper
166 100
165 100.0 77.4 116.0
167 29.3 10.7 16.1#



#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

Tgt Ion:204 Resp: 201
Ion Ratio Lower Upper
204 100
206 11.9 27.3 40.9#
141 62.2 46.7 70.1

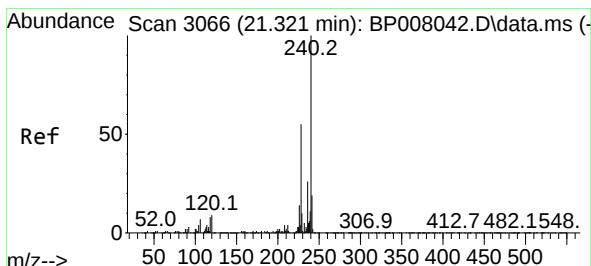
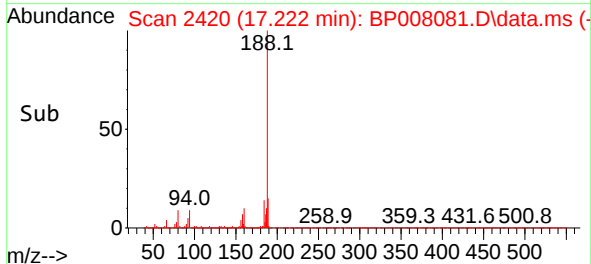
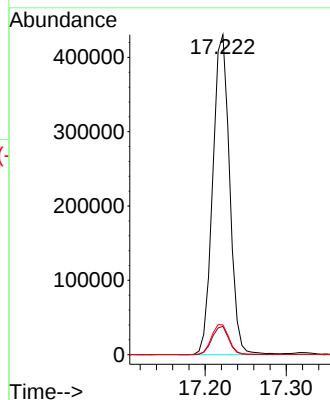
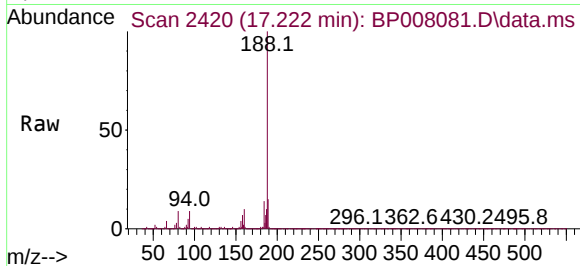




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 24
Delta R.T. -0.005 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

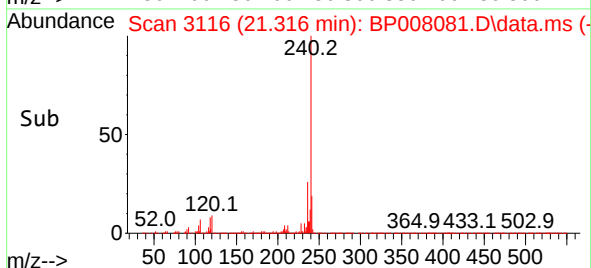
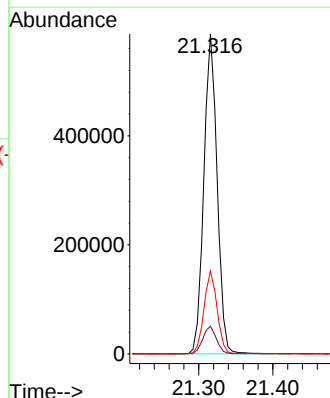
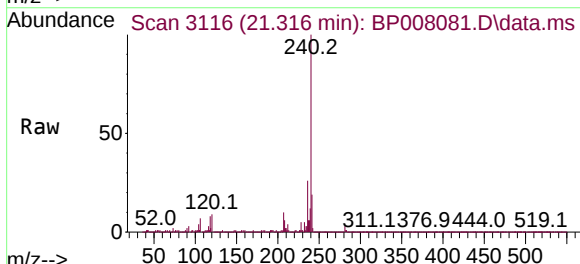
Instrument :
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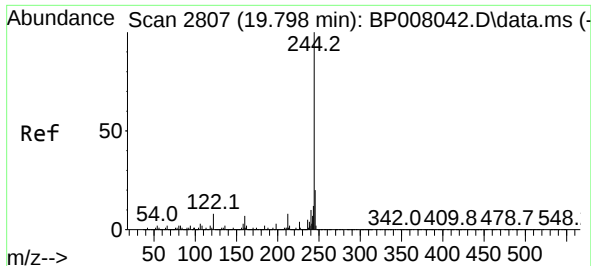
Tgt Ion:188 Resp: 621502
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.005 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

Tgt Ion:240 Resp: 730252
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.2
236 25.9 21.0 31.4

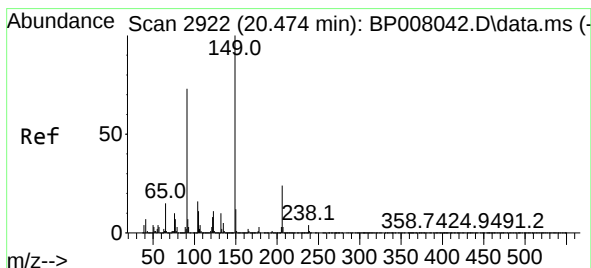
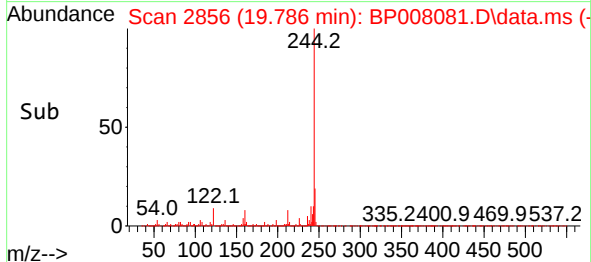
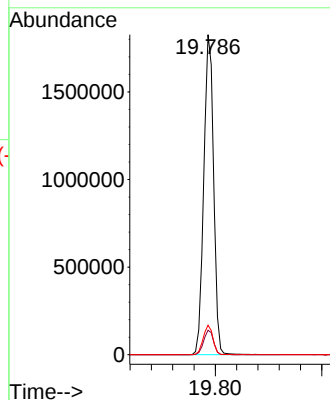
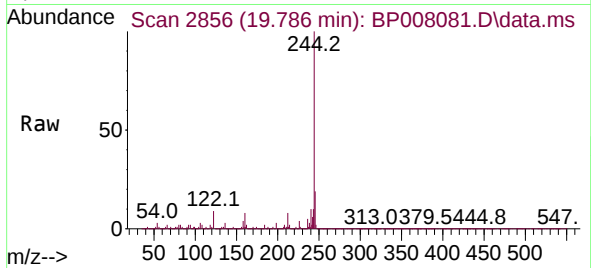




#79
 Terphenyl-d14
 Concen: 62.737 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008081.D
 Acq: 22 Nov 2021 14:09

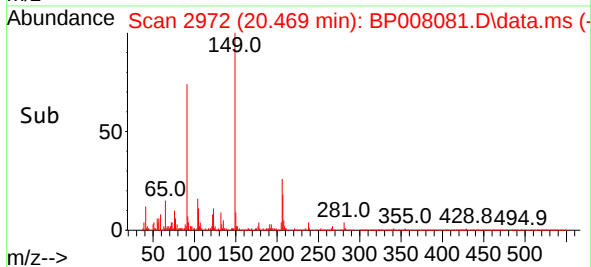
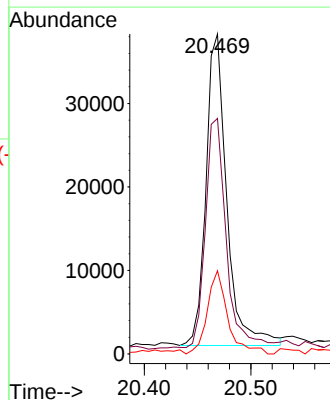
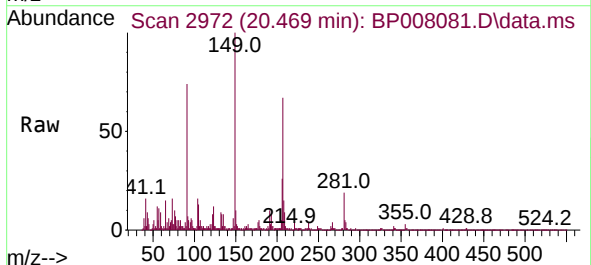
Instrument :
 BNA_P
 ClientSampleId :
 TP-12-COMP

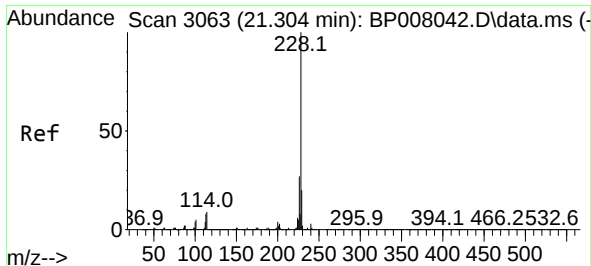
Tgt Ion:244 Resp: 2330220
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 9.2 6.1 9.1#



#80
 Butylbenzylphthalate
 Concen: 2.442 ng
 RT: 20.469 min Scan# 2972
 Delta R.T. -0.006 min
 Lab File: BP008081.D
 Acq: 22 Nov 2021 14:09

Tgt Ion:149 Resp: 50593
 Ion Ratio Lower Upper
 149 100
 91 73.6 58.6 88.0
 206 26.0 19.0 28.6

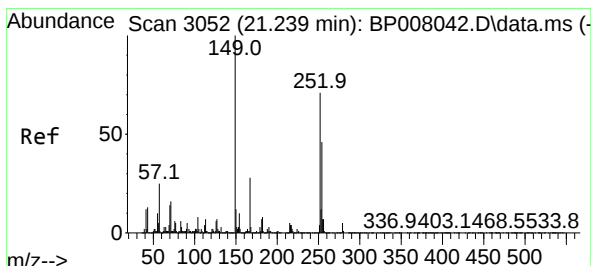
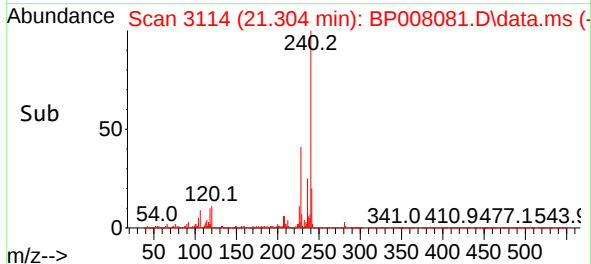
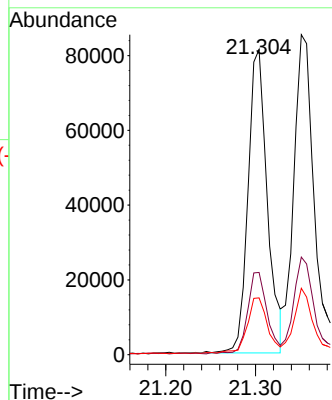
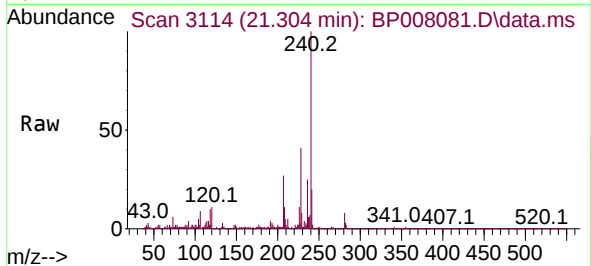




#81
Benzo(a)anthracene
Concen: 2.470 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

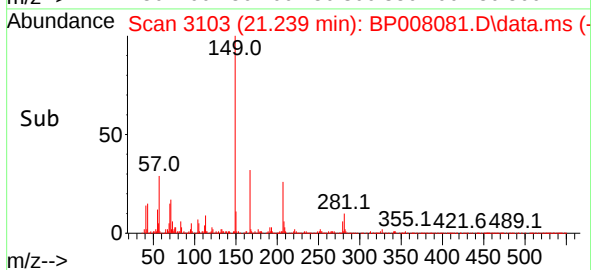
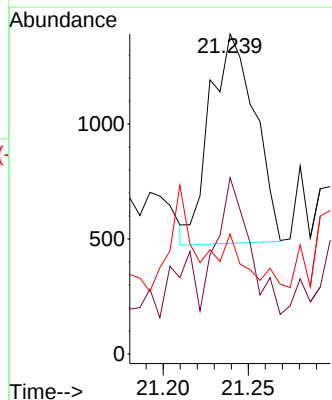
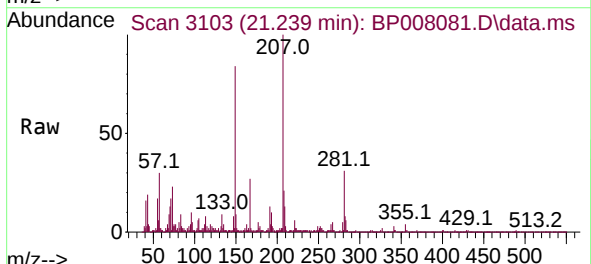
Instrument :
BNA_P
ClientSampleId :
TP-12-COMP

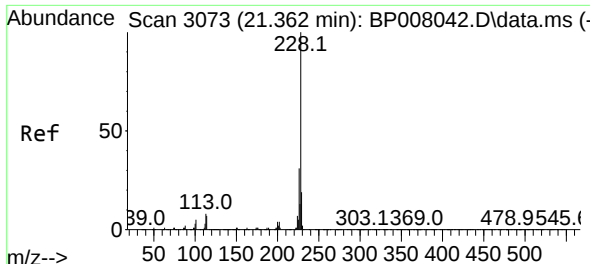
Tgt Ion:228 Resp: 120949
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 18.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.239 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

Tgt Ion:252 Resp: 1680
Ion Ratio Lower Upper
252 100
254 55.1 51.8 77.8
126 37.4 7.2 10.8#

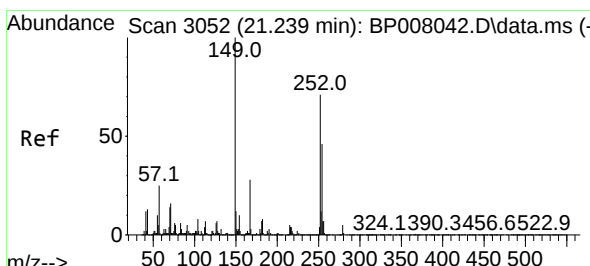
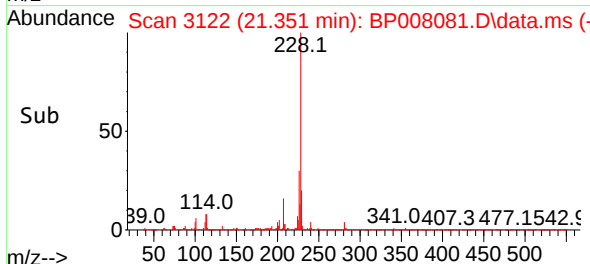
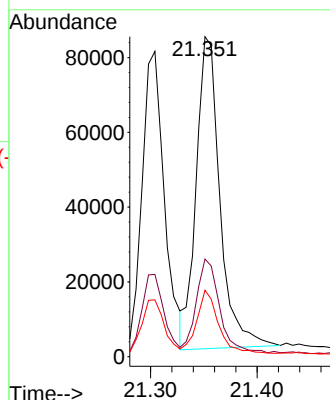
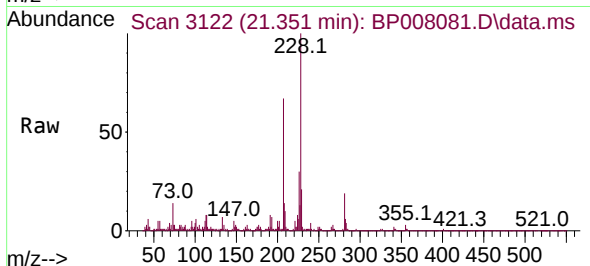




#83
Chrysene
Concen: 2.790 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.011 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

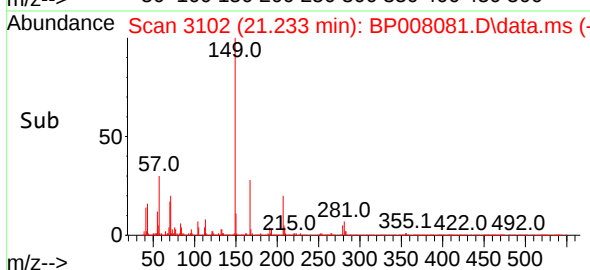
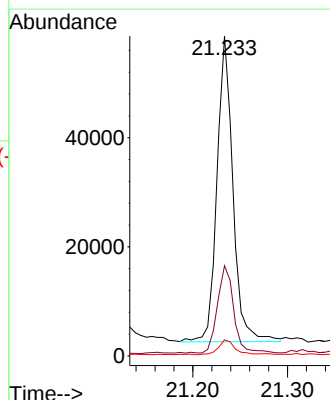
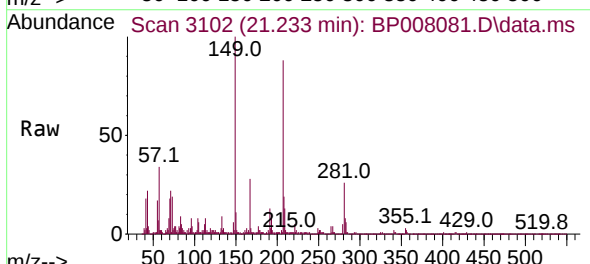
Instrument :
BNA_P
ClientSampleId :
TP-12-COMP

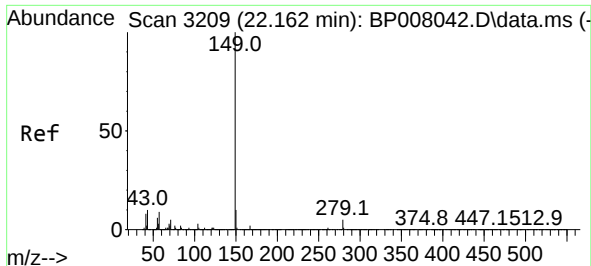
Tgt Ion:228 Resp: 129672
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 20.7 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.342 ng
RT: 21.233 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

Tgt Ion:149 Resp: 65639
Ion Ratio Lower Upper
149 100
167 28.2 22.7 34.1
279 5.1 4.0 6.0

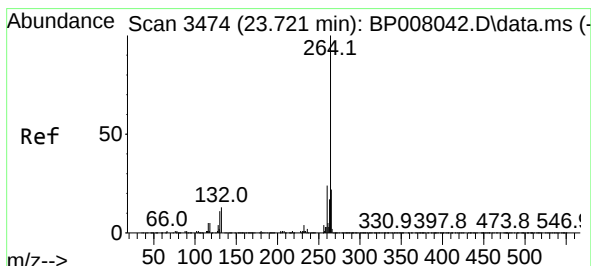
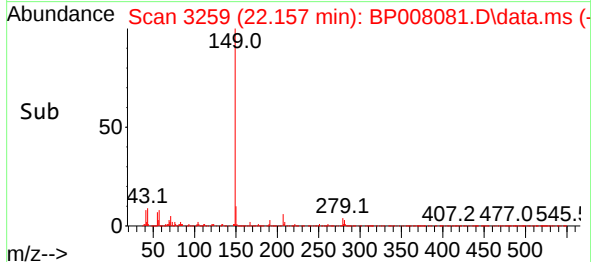
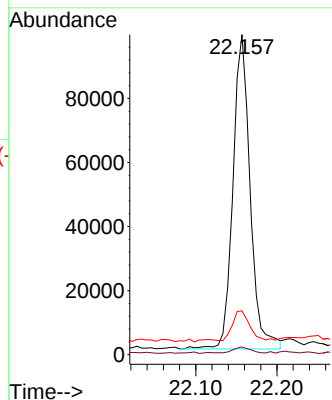
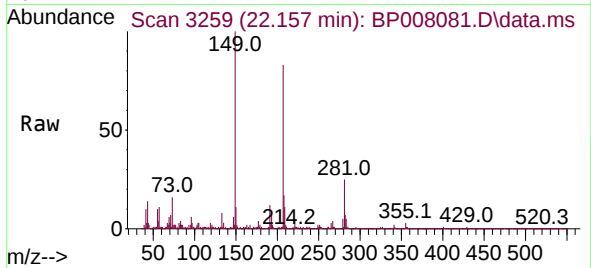




#85
Di-n-octyl phthalate
Concen: 2.814 ng
RT: 22.157 min Scan# 31
Delta R.T. -0.005 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

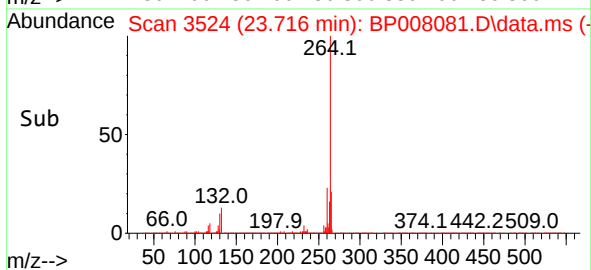
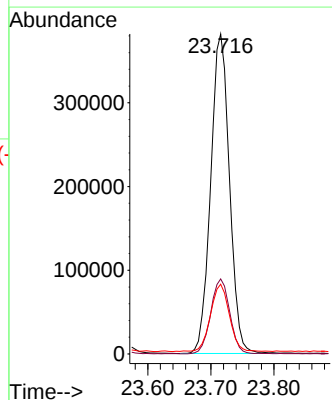
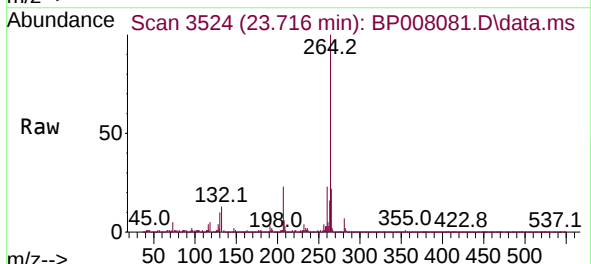
Instrument :
BNA_P
ClientSampleId :
TP-12-COMP

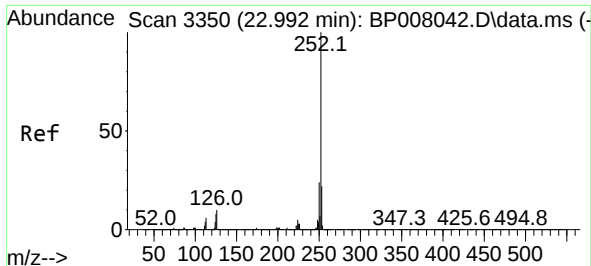
Tgt Ion:149 Resp: 144518
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.9 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.716 min Scan# 3524
Delta R.T. -0.006 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

Tgt Ion:264 Resp: 786915
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.8 17.7 26.5

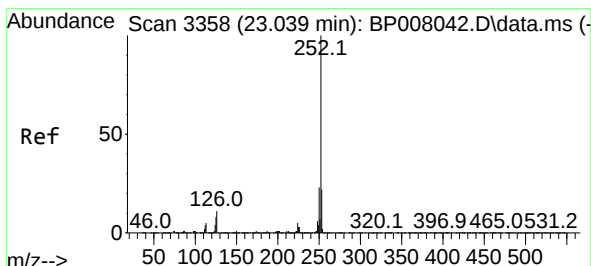
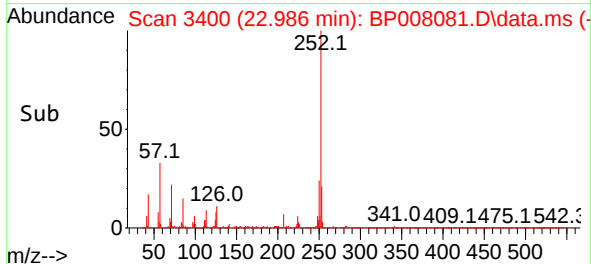
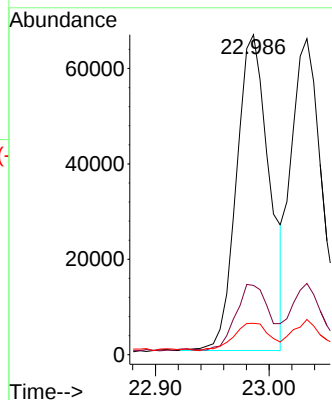
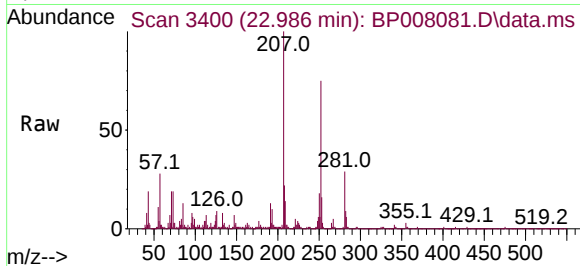




#88
Benzo(b)fluoranthene
Concen: 2.701 ng
RT: 22.986 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

Instrument :
BNA_P
ClientSampleId :
TP-12-COMP

Tgt Ion:252 Resp: 132912
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.8 6.1 9.1#



#89
Benzo(k)fluoranthene
Concen: 2.726 ng
RT: 23.033 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BP008081.D
Acq: 22 Nov 2021 14:09

Tgt Ion:252 Resp: 133451
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 11.1 6.2 9.4#

