

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
 Data File : BP008621.D
 Acq On : 30 Dec 2021 22:42
 Operator : CG/JU
 Sample : M5244-25
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONC-9E

Quant Time: Dec 31 08:15:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

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

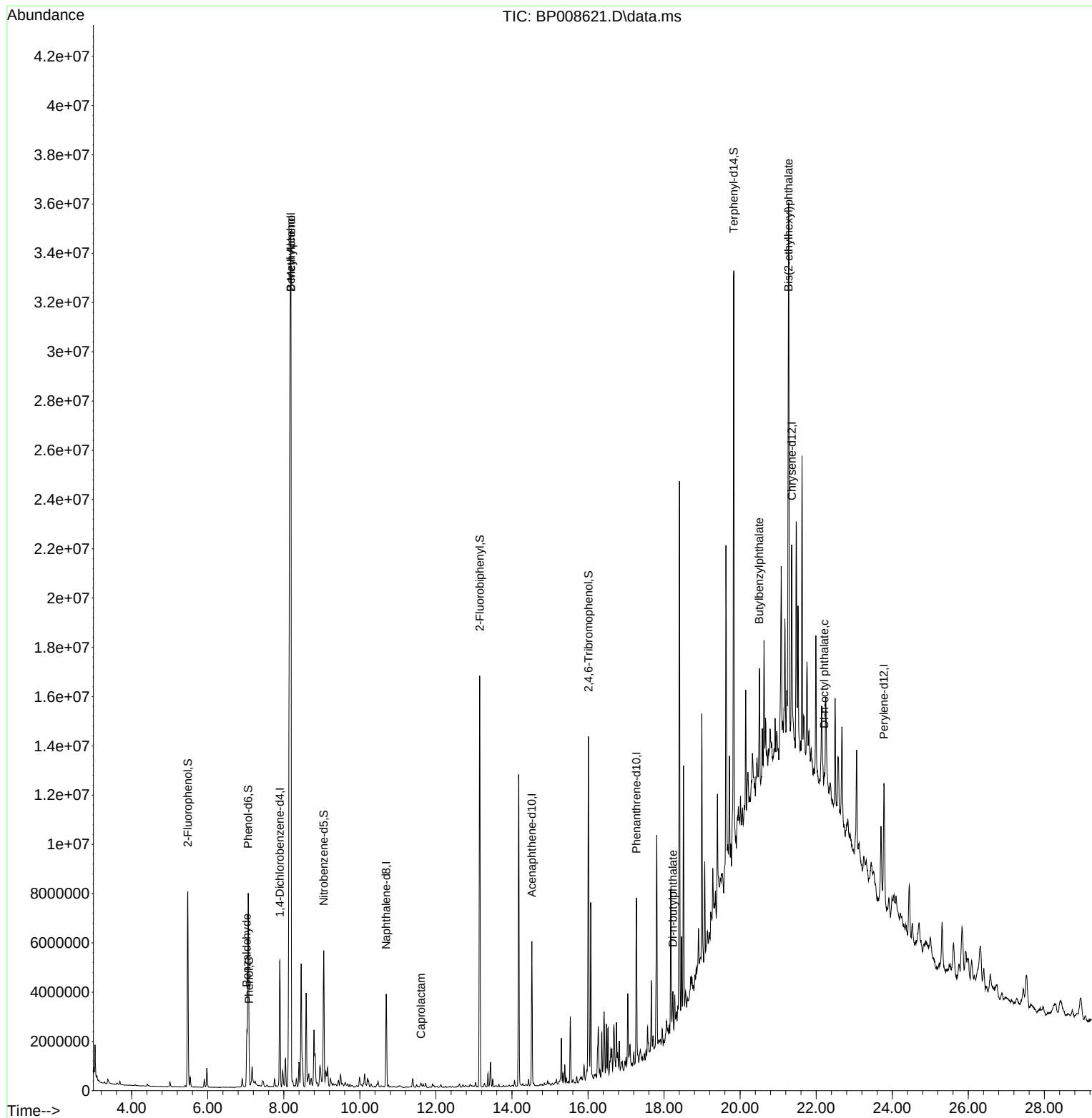
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	819748	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	3261895	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	2160546	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	4462273	20.000	ng	0.00
76) Chrysene-d12	21.357	240	4065912	20.000	ng	0.00
86) Perylene-d12	23.780	264	3914942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	4270805	95.095	ng	0.00
7) Phenol-d6	7.064	99	5523577	88.360	ng	0.00
23) Nitrobenzene-d5	9.052	82	3224443	58.806	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	3085479	105.554	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	9410327	63.104	ng	0.00
79) Terphenyl-d14	19.828	244	12228815	61.410	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.028	77	781286	21.959	ng	97
10) Phenol	7.087	94	408870	6.479	ng	95
15) Benzyl Alcohol	8.181	79	22930108	512.104	ng	98
17) 2-Methylphenol	8.187	107	14258412	324.677	ng	# 28
35) Caprolactam	11.604	113	46071	2.588	ng	94
74) Di-n-butylphthalate	18.233	149	1058204	4.204	ng	99
80) Butylbenzylphthalate	20.504	149	1211608	11.484	ng	98
84) Bis(2-ethylhexyl)phtha...	21.275	149	9161982	57.487	ng	# 97
85) Di-n-octyl phthalate	22.216	149	635364	2.576	ng	# 83

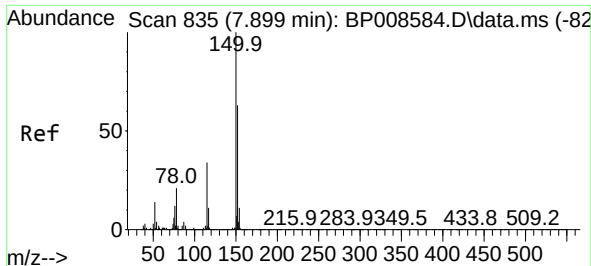
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
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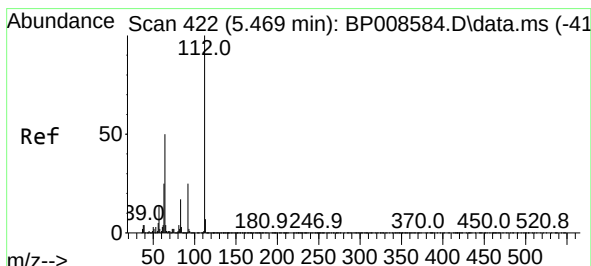
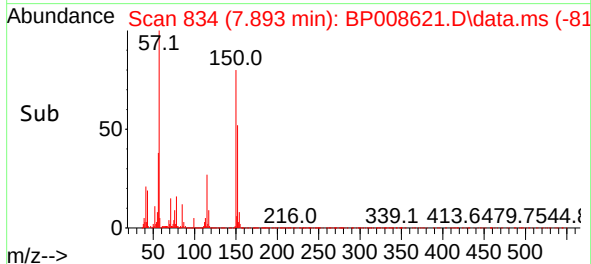
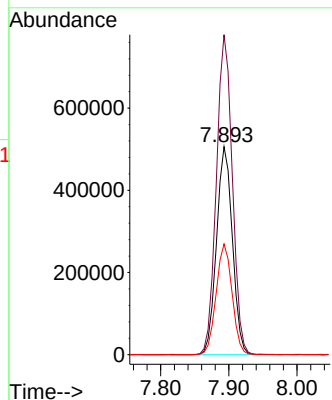
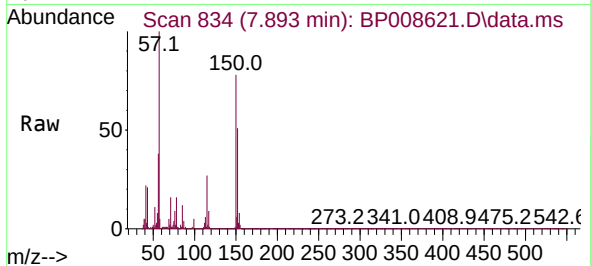




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

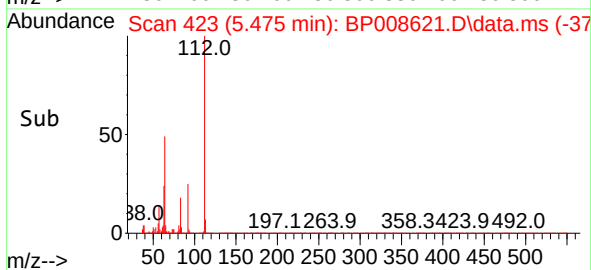
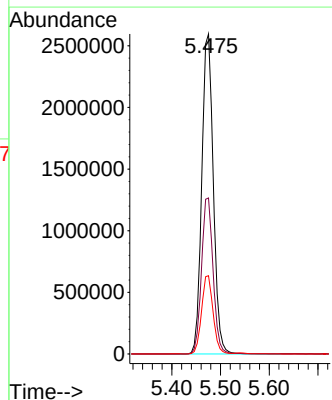
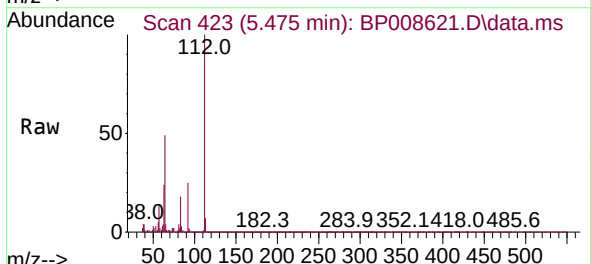
Instrument :
BNA_P
ClientSampleId :
CONC-9E

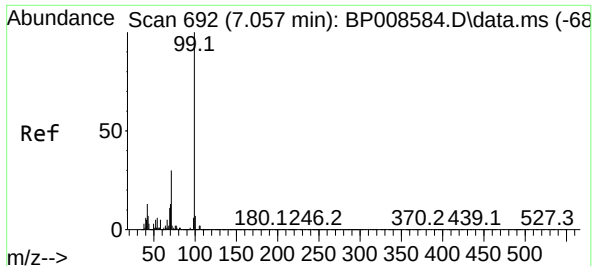
Tgt Ion:152 Resp: 819748
Ion Ratio Lower Upper
152 100
150 153.8 127.0 190.6
115 53.2 43.7 65.5



#5
2-Fluorophenol
Concen: 95.095 ng
RT: 5.475 min Scan# 423
Delta R.T. 0.006 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

Tgt Ion:112 Resp: 4270805
Ion Ratio Lower Upper
112 100
64 48.7 39.7 59.5
63 24.5 20.0 30.0

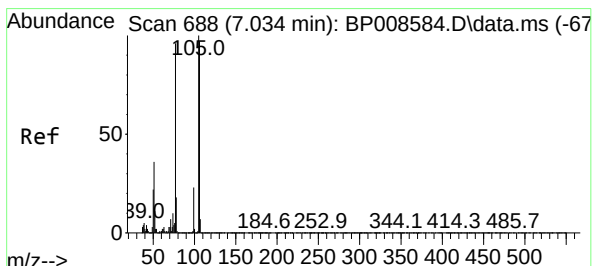
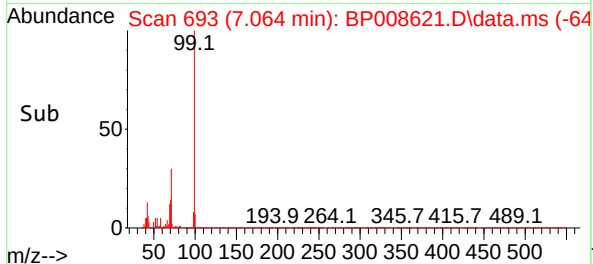
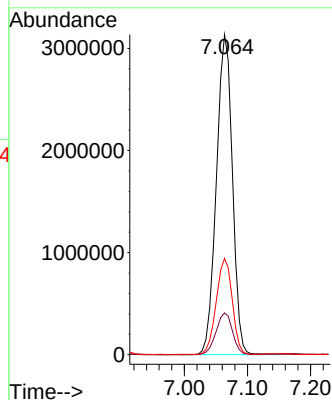
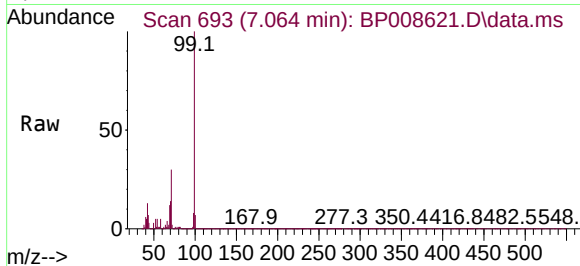




#7
Phenol-d6
Concen: 88.360 ng
RT: 7.064 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

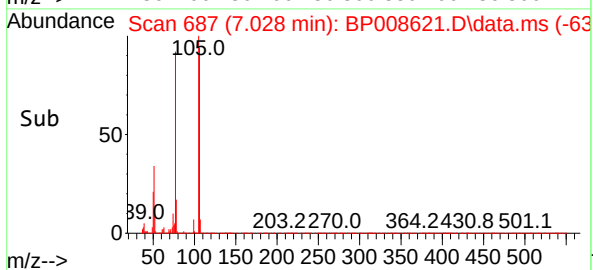
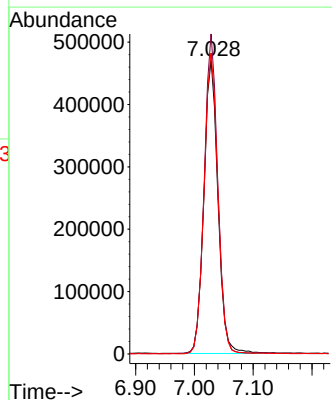
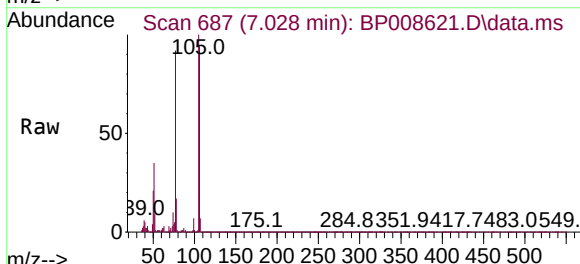
Instrument :
BNA_P
ClientSampleId :
CONC-9E

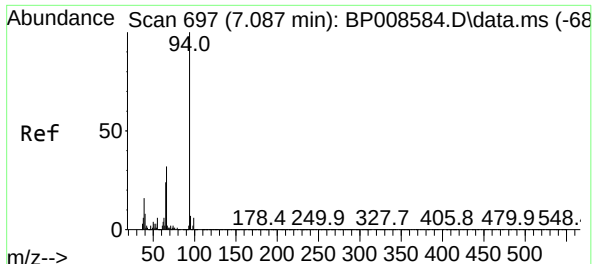
Tgt Ion: 99 Resp: 5523577
Ion Ratio Lower Upper
99 100
42 13.0 10.8 16.2
71 30.1 23.8 35.6



#9
Benzaldehyde
Concen: 21.959 ng
RT: 7.028 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

Tgt Ion: 77 Resp: 781286
Ion Ratio Lower Upper
77 100
105 109.0 84.2 124.2
106 102.5 80.6 120.6

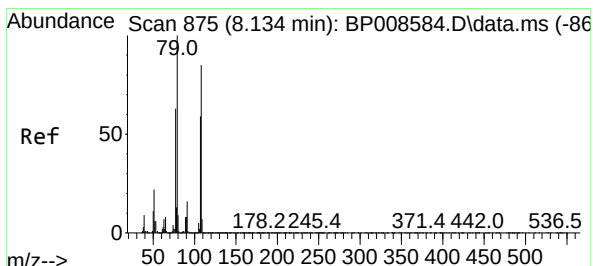
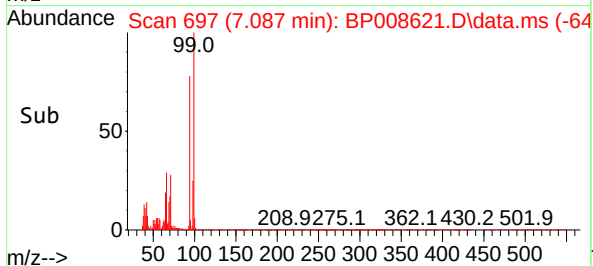
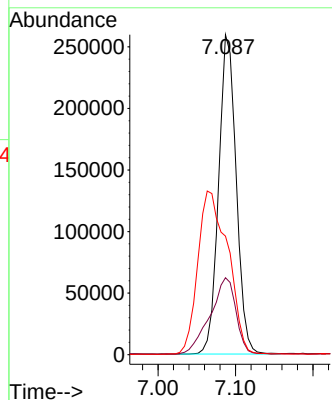
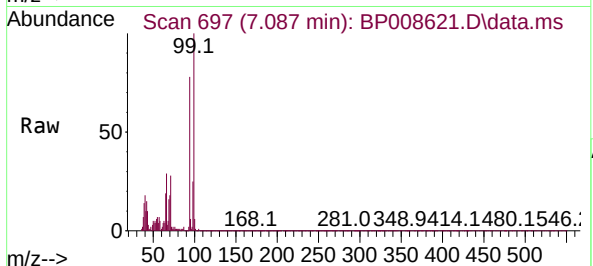




#10
Phenol
Concen: 6.479 ng
RT: 7.087 min Scan# 697
Delta R.T. 0.000 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

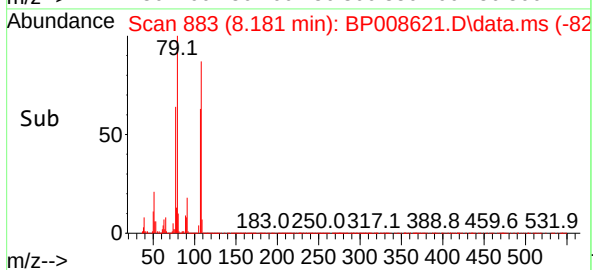
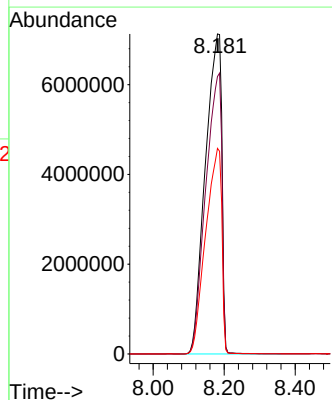
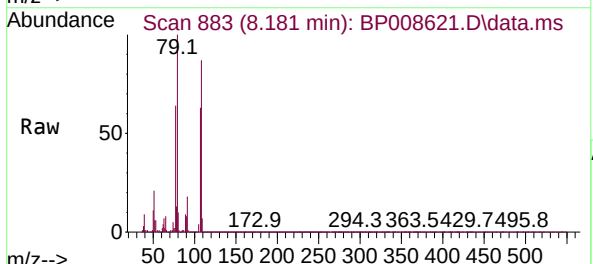
Instrument :
BNA_P
ClientSampleId :
CONC-9E

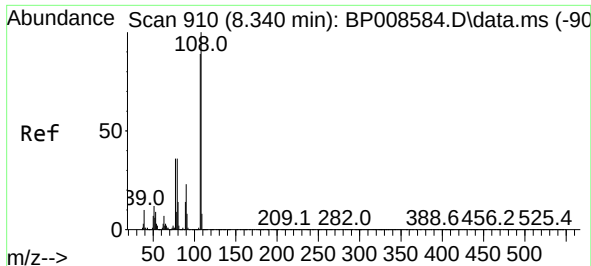
Tgt Ion: 94 Resp: 408870
Ion Ratio Lower Upper
94 100
65 24.1 4.1 44.1
66 37.0 12.4 52.4



#15
Benzyl Alcohol
Concen: 512.104 ng
RT: 8.181 min Scan# 883
Delta R.T. 0.047 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

Tgt Ion: 79 Resp: 22930108
Ion Ratio Lower Upper
79 100
108 86.7 67.8 101.8
77 64.2 50.7 76.1





#17

2-Methylphenol

Concen: 324.677 ng

RT: 8.187 min Scan# 81

Delta R.T. -0.153 min

Lab File: BP008621.D

Acq: 30 Dec 2021 22:42

Instrument :

BNA_P

ClientSampleId :

CONC-9E

Tgt Ion:107 Resp:14258412

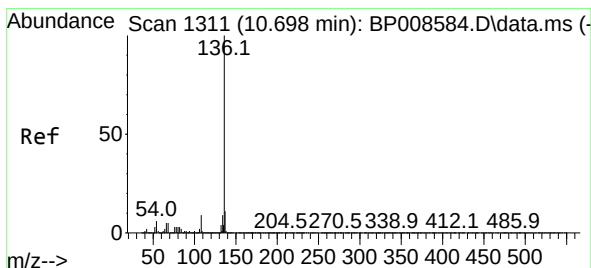
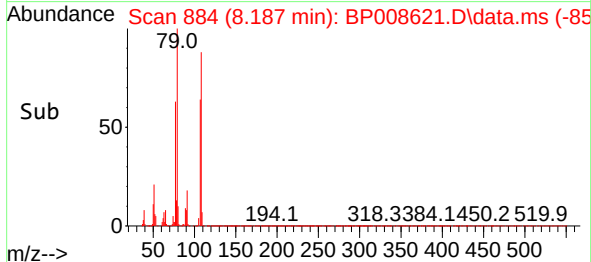
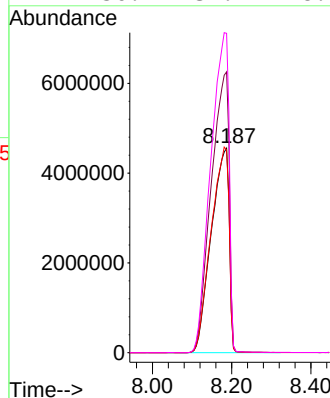
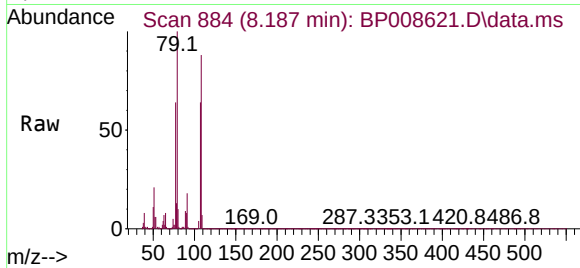
Ion Ratio Lower Upper

107 100

108 137.4 90.0 135.0#

77 99.2 32.7 49.1#

79 156.2 32.1 48.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.693 min Scan# 1310

Delta R.T. -0.006 min

Lab File: BP008621.D

Acq: 30 Dec 2021 22:42

Tgt Ion:136 Resp: 3261895

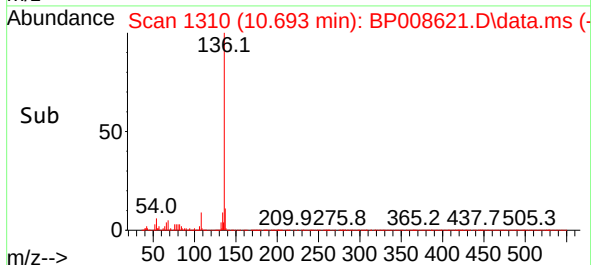
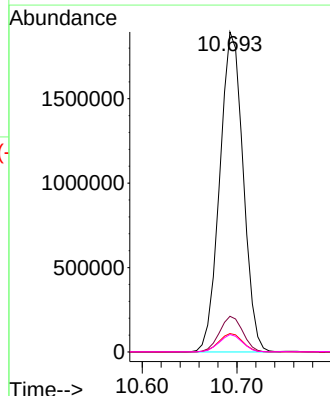
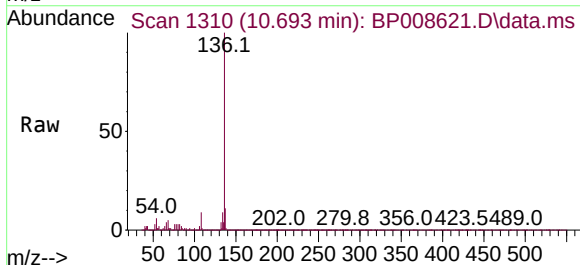
Ion Ratio Lower Upper

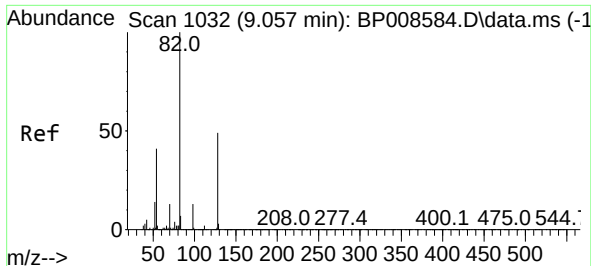
136 100

137 11.2 9.0 13.4

54 5.8 4.9 7.3

68 5.4 4.3 6.5

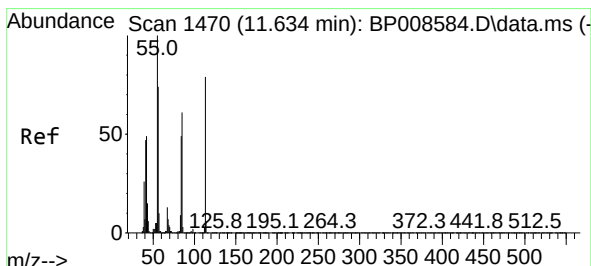
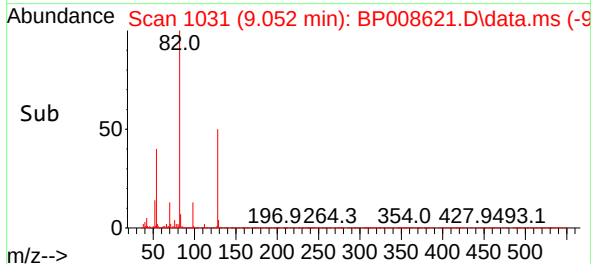
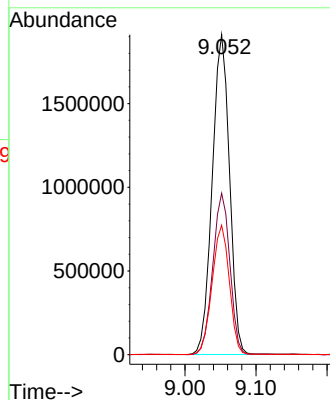
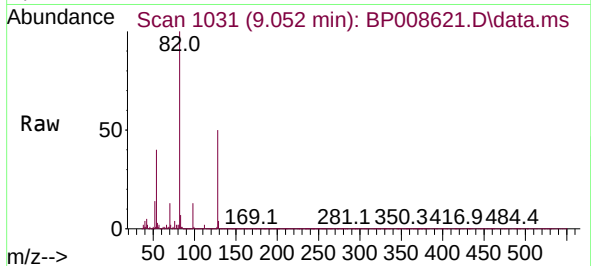




#23
Nitrobenzene-d5
Concen: 58.806 ng
RT: 9.052 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

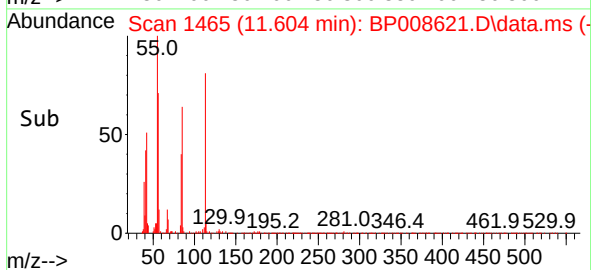
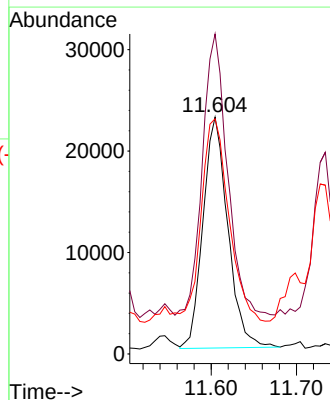
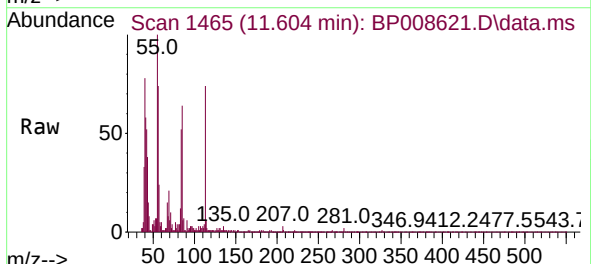
Instrument :
BNA_P
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CONC-9E

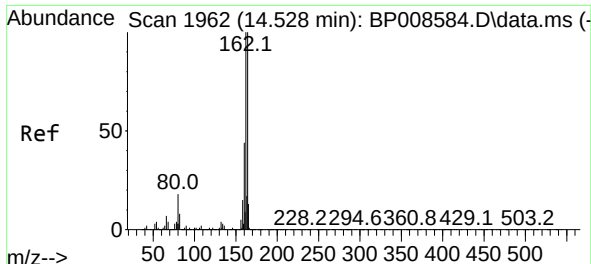
Tgt Ion: 82 Resp: 3224443
Ion Ratio Lower Upper
82 100
128 50.5 39.4 59.2
54 40.4 32.6 48.8



#35
Caprolactam
Concen: 2.588 ng
RT: 11.604 min Scan# 1465
Delta R.T. -0.029 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

Tgt Ion: 113 Resp: 46071
Ion Ratio Lower Upper
113 100
55 135.1 107.1 147.1
56 99.3 74.1 114.1

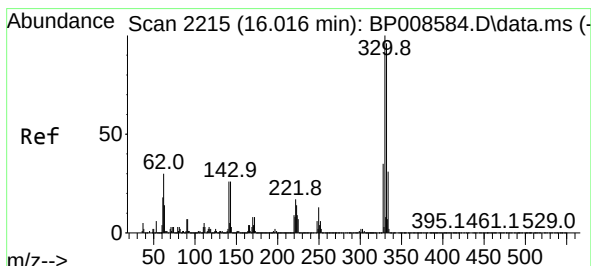
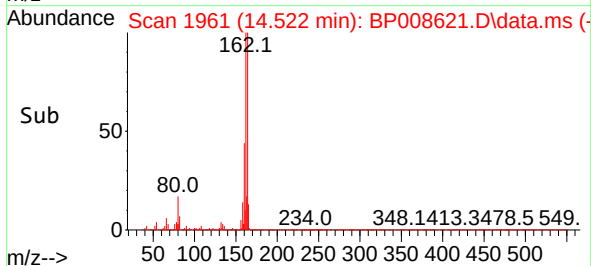
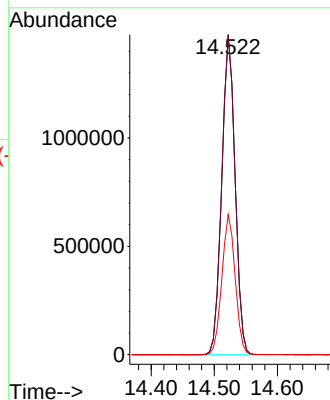
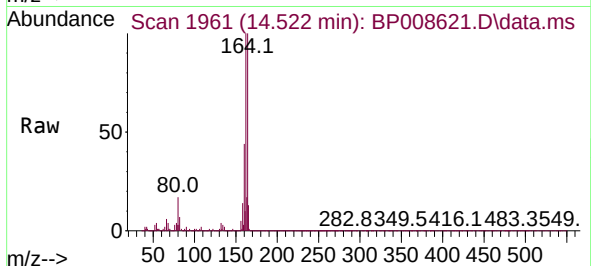




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

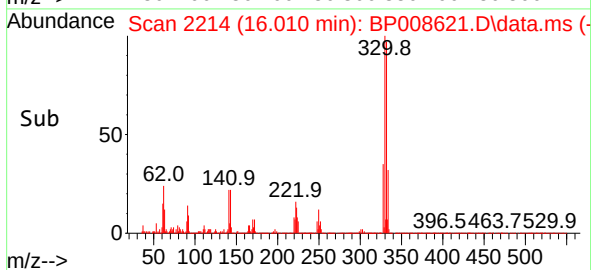
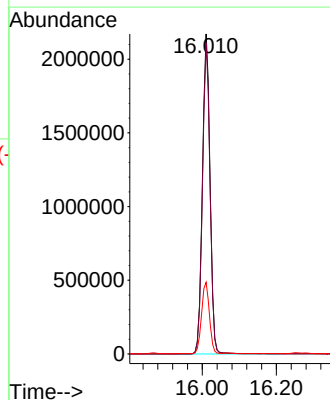
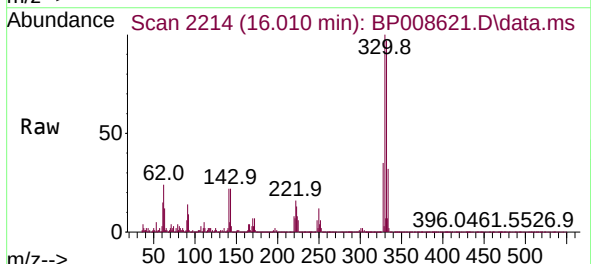
Instrument :
BNA_P
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CONC-9E

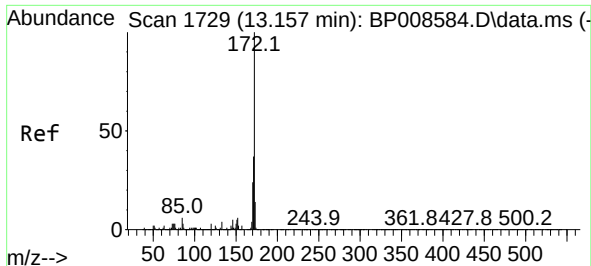
Tgt Ion:164 Resp: 2160546
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 43.8 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 105.554 ng
RT: 16.010 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

Tgt Ion:330 Resp: 3085479
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 23.0 21.3 31.9

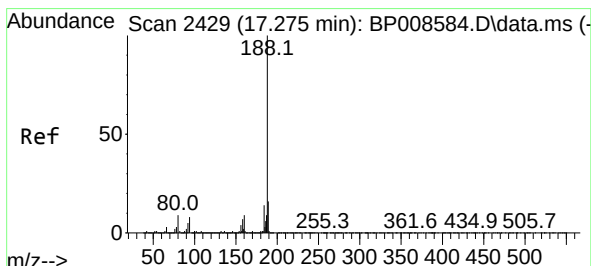
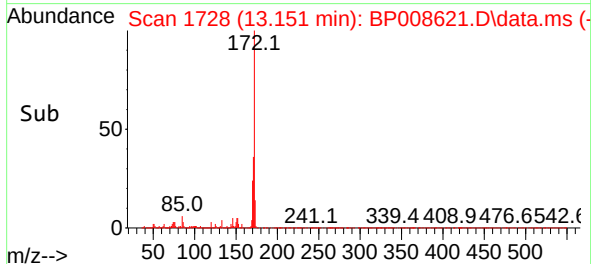
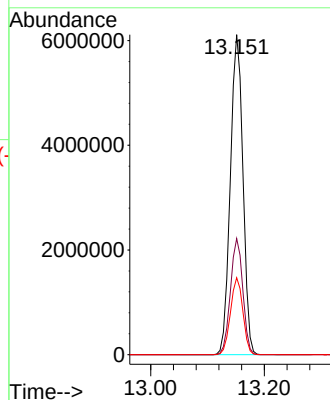
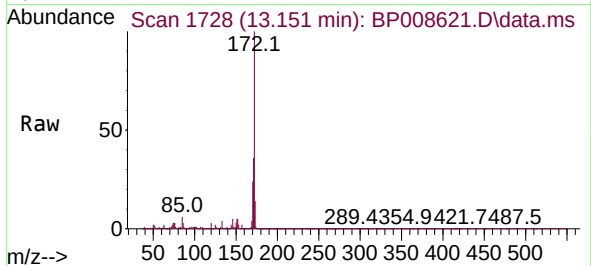




#45
2-Fluorobiphenyl
Concen: 63.104 ng
RT: 13.151 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

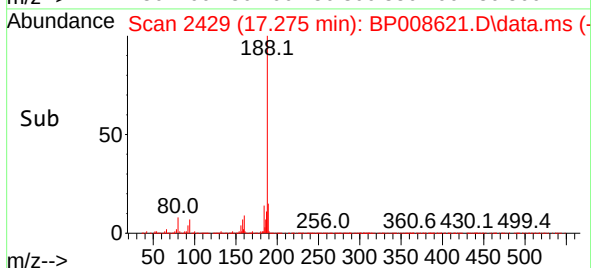
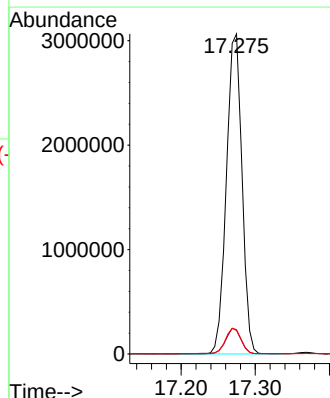
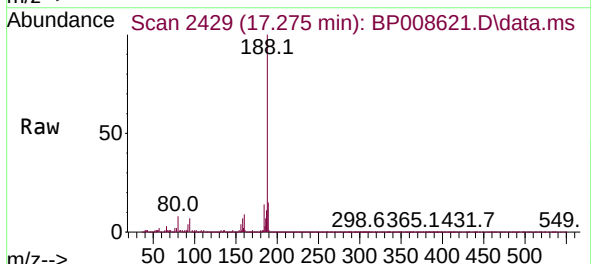
Instrument :
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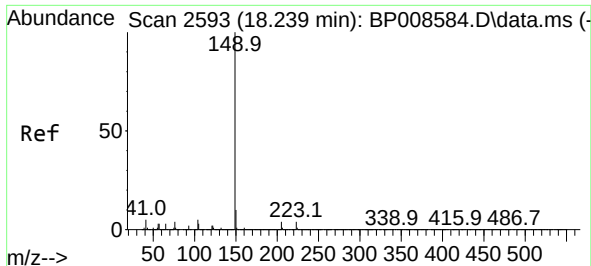
Tgt Ion:172 Resp: 9410327
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 24.0 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

Tgt Ion:188 Resp: 4462273
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.6 7.2 10.8

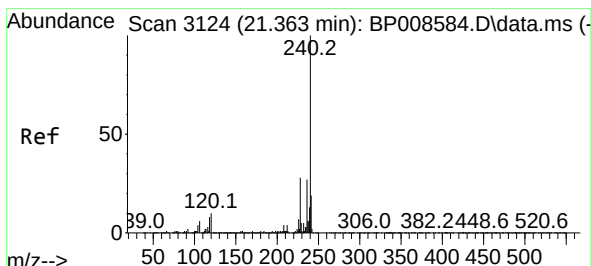
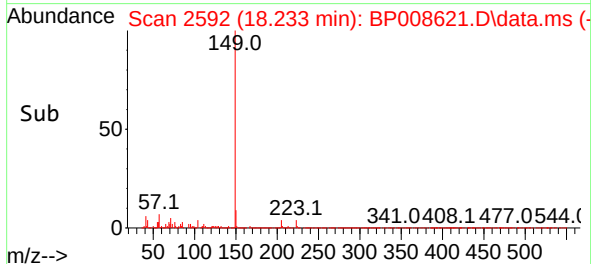
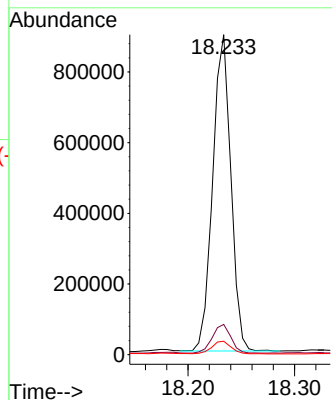
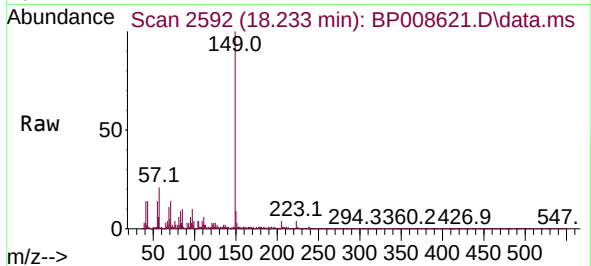




#74
Di-n-butylphthalate
Concen: 4.204 ng
RT: 18.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

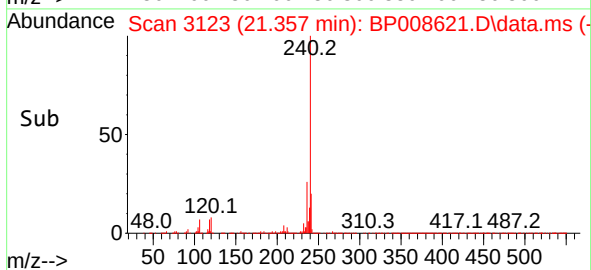
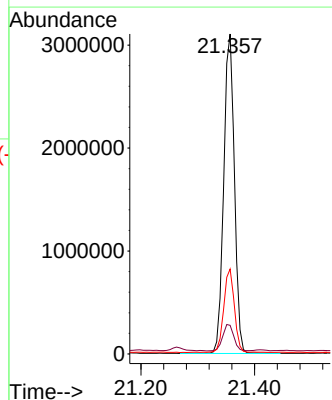
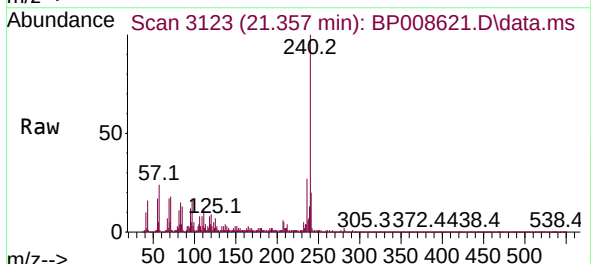
Instrument :
BNA_P
ClientSampleId :
CONC-9E

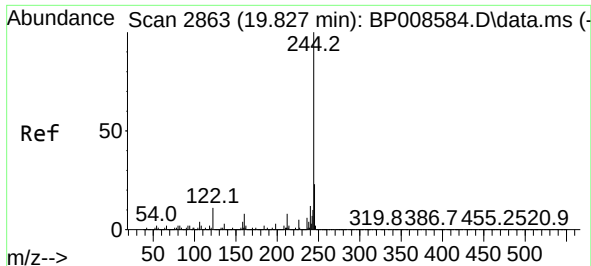
Tgt Ion:149 Resp: 1058204
Ion Ratio Lower Upper
149 100
150 9.5 7.9 11.9
104 4.2 3.7 5.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

Tgt Ion:240 Resp: 4065912
Ion Ratio Lower Upper
240 100
120 8.9 7.7 11.5
236 26.6 21.2 31.8

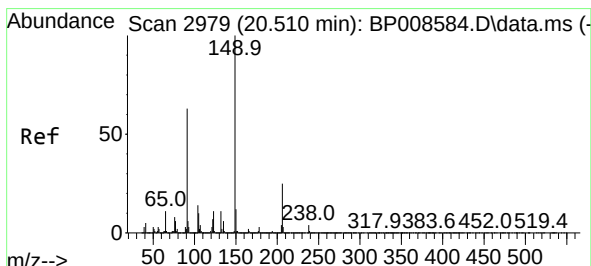
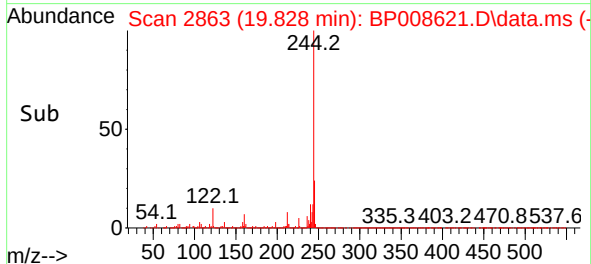
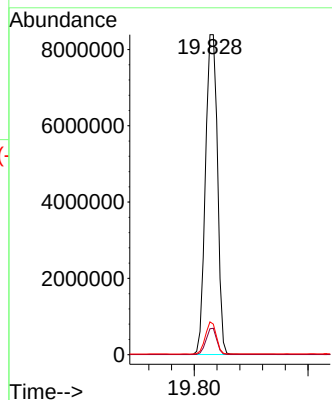
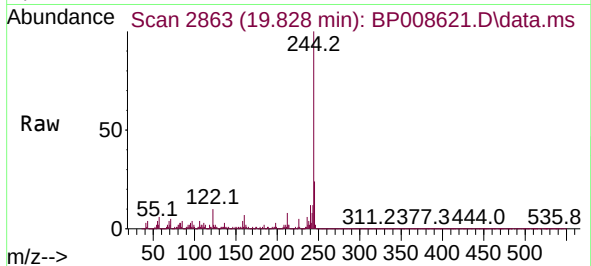




#79
 Terphenyl-d14
 Concen: 61.410 ng
 RT: 19.828 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BP008621.D
 Acq: 30 Dec 2021 22:42

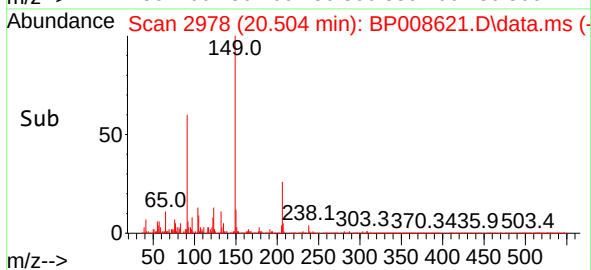
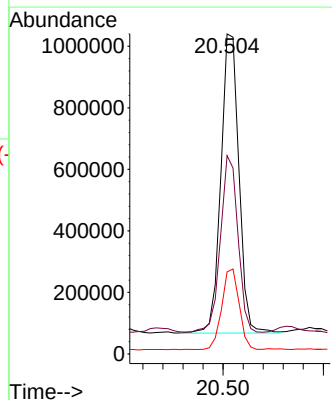
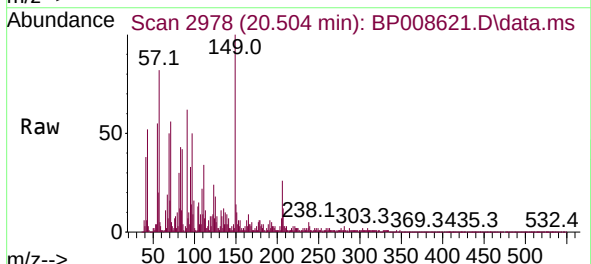
Instrument :
 BNA_P
 ClientSampleId :
 CONC-9E

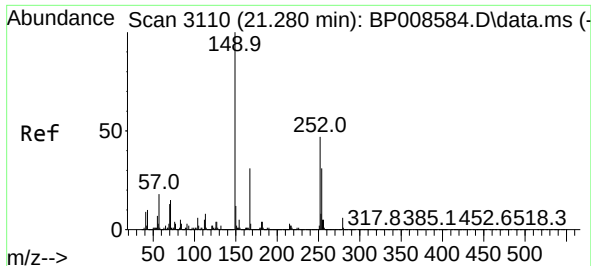
Tgt Ion:244 Resp:12228815
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 10.3 9.2 13.8



#80
 Butylbenzylphthalate
 Concen: 11.484 ng
 RT: 20.504 min Scan# 2978
 Delta R.T. -0.006 min
 Lab File: BP008621.D
 Acq: 30 Dec 2021 22:42

Tgt Ion:149 Resp: 1211608
 Ion Ratio Lower Upper
 149 100
 91 62.0 50.6 76.0
 206 25.6 19.7 29.5

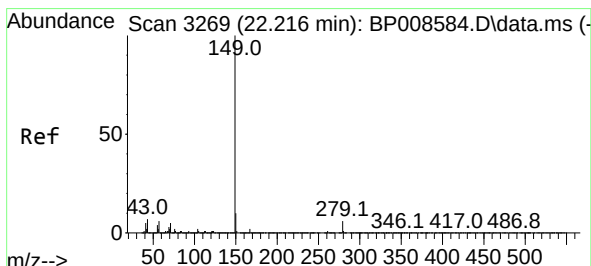
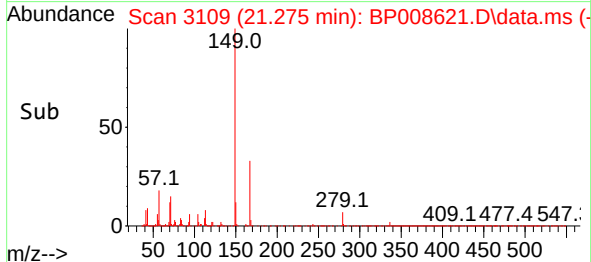
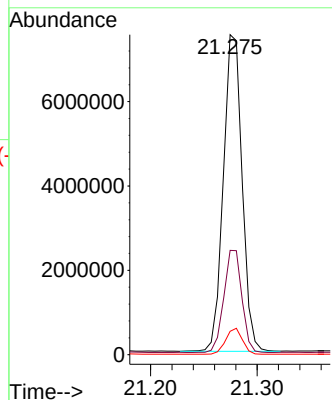
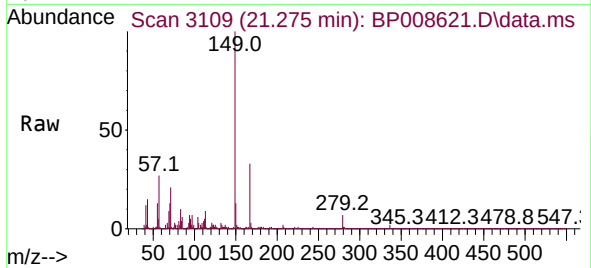




#84
Bis(2-ethylhexyl)phthalate
Concen: 57.487 ng
RT: 21.275 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

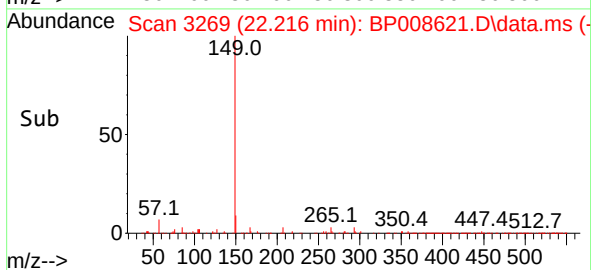
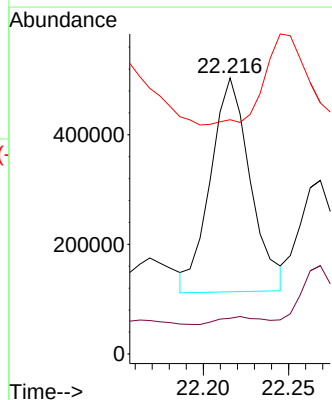
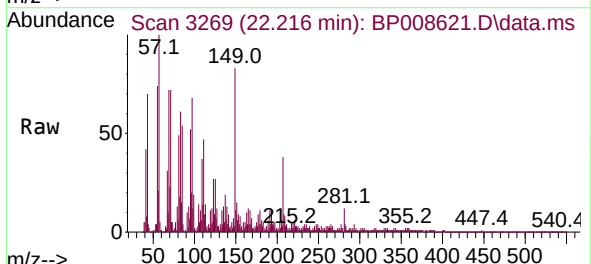
Instrument :
BNA_P
ClientSampleId :
CONC-9E

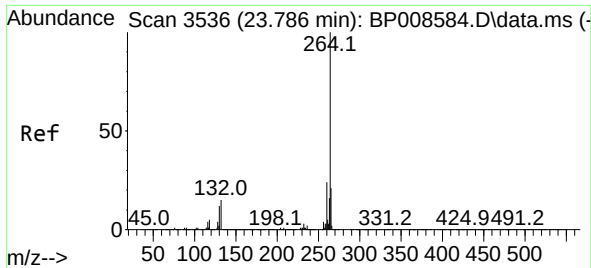
Tgt Ion:149 Resp: 9161982
Ion Ratio Lower Upper
149 100
167 32.6 25.0 37.4
279 7.3 4.8 7.2#



#85
Di-n-octyl phthalate
Concen: 2.576 ng
RT: 22.216 min Scan# 3269
Delta R.T. 0.000 min
Lab File: BP008621.D
Acq: 30 Dec 2021 22:42

Tgt Ion:149 Resp: 635364
Ion Ratio Lower Upper
149 100
167 4.0 1.4 2.0#
43 0.0 5.4 8.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008621.D
 Acq: 30 Dec 2021 22:42

Instrument :
 BNA_P
 ClientSampleId :
 CONC-9E

Tgt Ion:264 Resp: 3914942
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 22.3 17.1 25.7

