

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
 Data File : BP008610.D
 Acq On : 30 Dec 2021 15:05
 Operator : CG/JU
 Sample : M5244-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONC-6A

Quant Time: Dec 31 08:13:20 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)

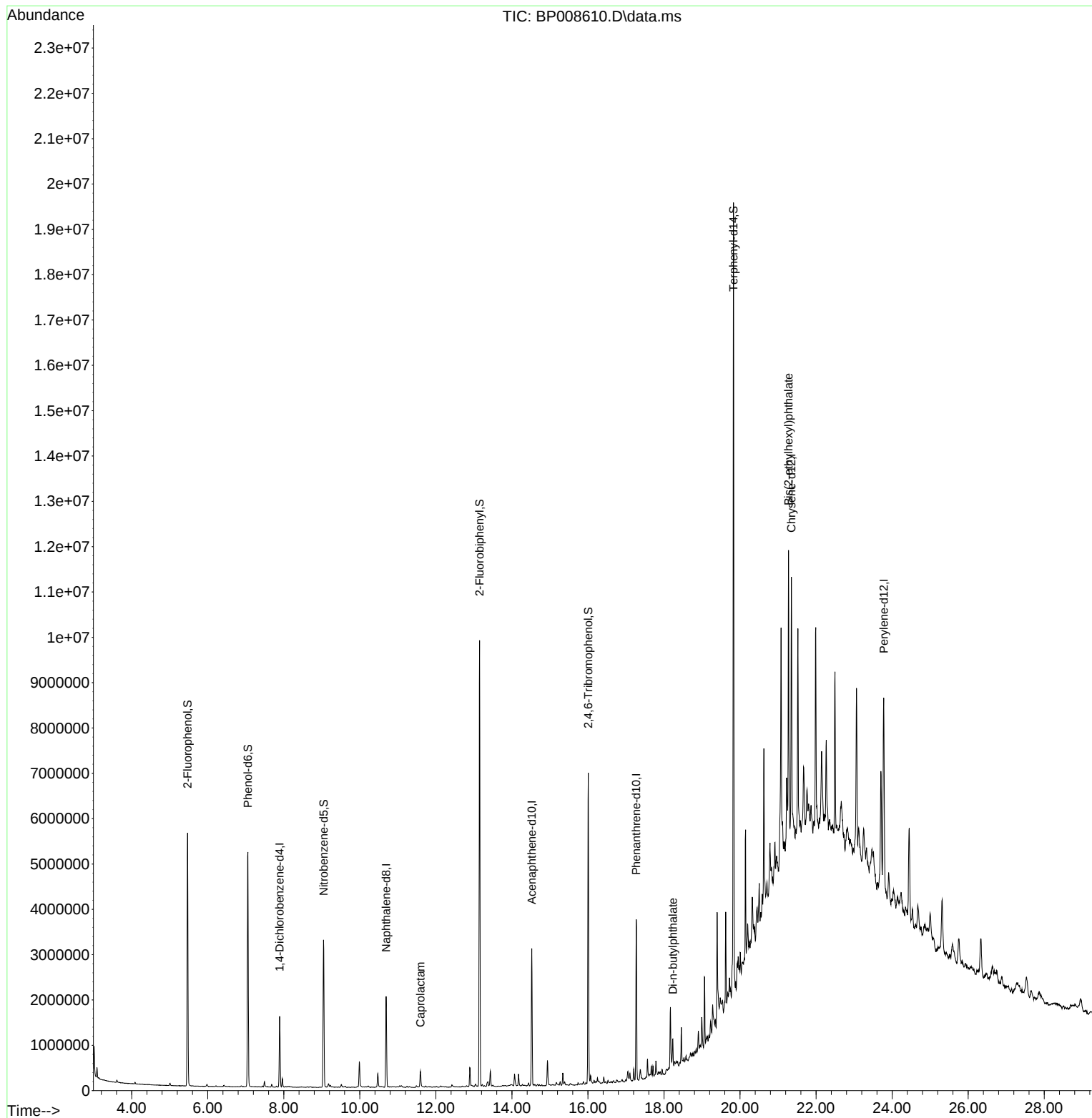
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	475701	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	1783304	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	1107138	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2287460	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2740173	20.000	ng	-0.01
86) Perylene-d12	23.780	264	3336689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2727084	104.638	ng	0.00
7) Phenol-d6	7.057	99	3374274	93.017	ng	0.00
23) Nitrobenzene-d5	9.046	82	1968074	65.652	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	1487347	99.295	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	5298296	69.334	ng	0.00
79) Terphenyl-d14	19.827	244	8178180	60.938	ng	0.00
Target Compounds						
						Qvalue
35) Caprolactam	11.592	113	83106	8.538	ng	100
74) Di-n-butylphthalate	18.233	149	431769	3.346	ng	98
84) Bis(2-ethylhexyl)phtha...	21.274	149	2422950	22.558	ng	98

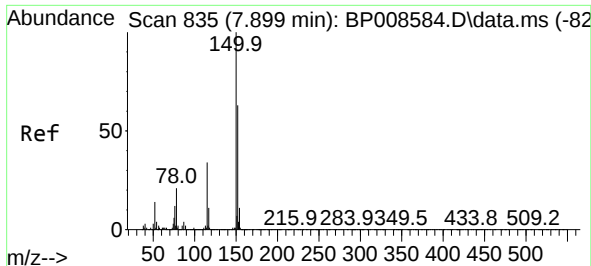
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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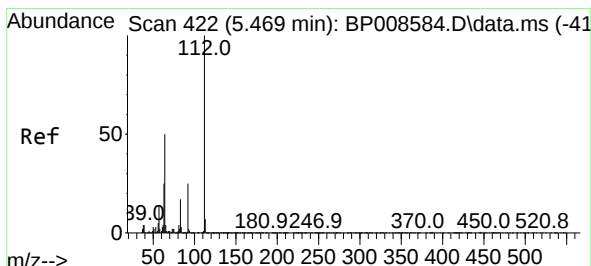
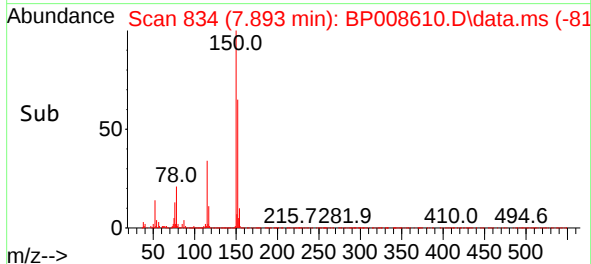
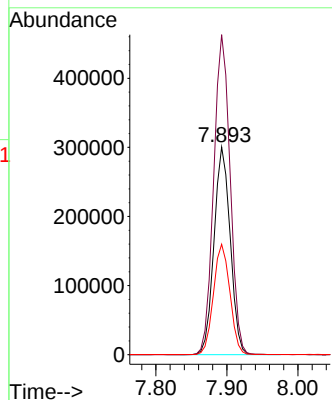
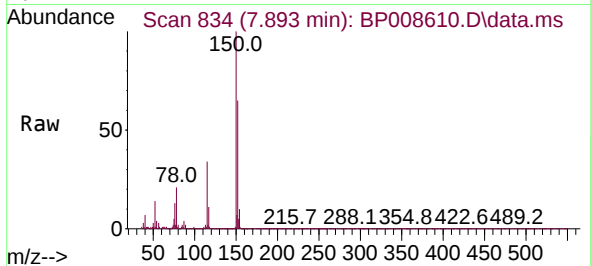




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008610.D
Acq: 30 Dec 2021 15:05

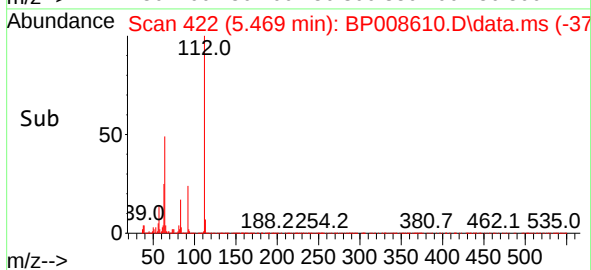
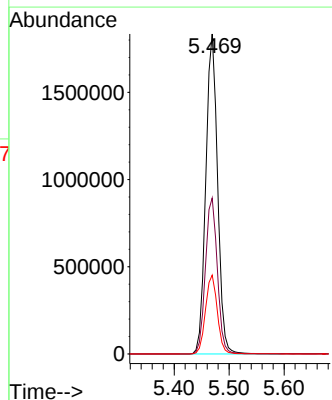
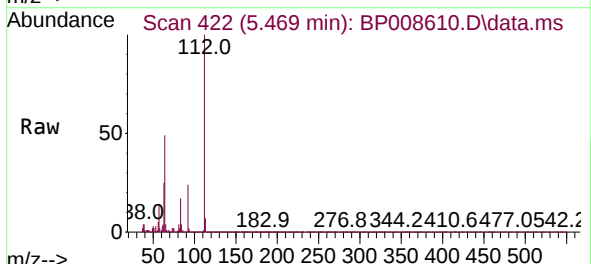
Instrument :
BNA_P
ClientSampleId :
CONC-6A

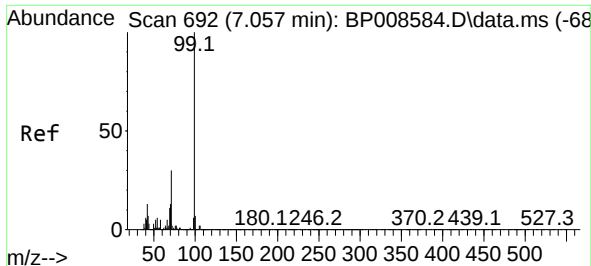
Tgt Ion:152 Resp: 475701
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.6
115 53.2 43.7 65.5



#5
2-Fluorophenol
Concen: 104.638 ng
RT: 5.469 min Scan# 422
Delta R.T. -0.000 min
Lab File: BP008610.D
Acq: 30 Dec 2021 15:05

Tgt Ion:112 Resp: 2727084
Ion Ratio Lower Upper
112 100
64 48.8 39.7 59.5
63 24.7 20.0 30.0



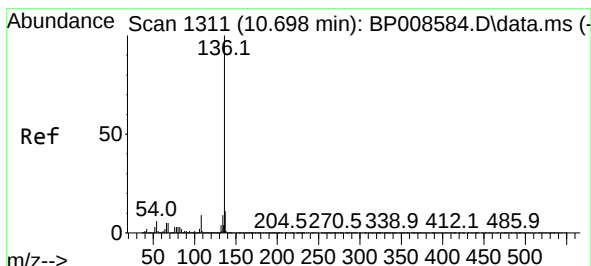
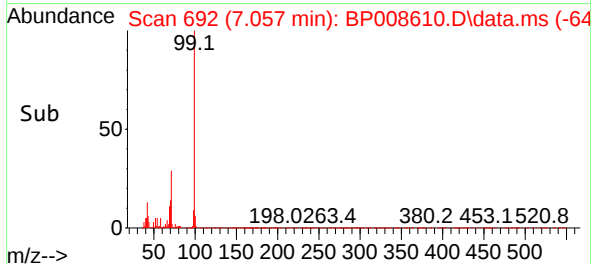
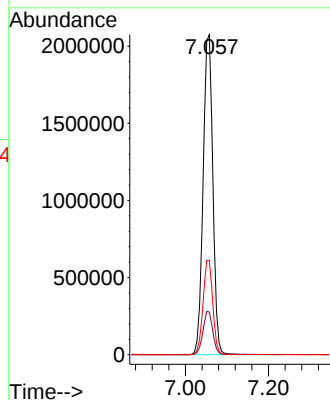
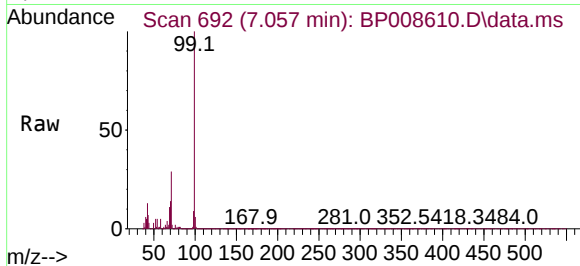


#7
Phenol-d6
Concen: 93.017 ng
RT: 7.057 min Scan# 692
Delta R.T. -0.000 min
Lab File: BP008610.D
Acq: 30 Dec 2021 15:05

Instrument :
BNA_P
ClientSampleId :
CONC-6A

Tgt Ion: 99 Resp: 3374274

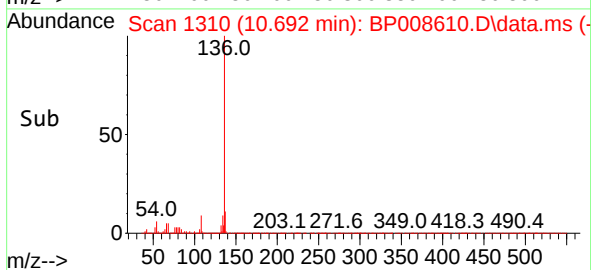
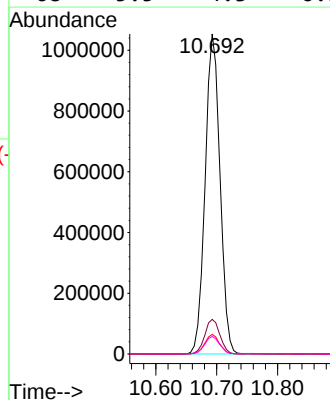
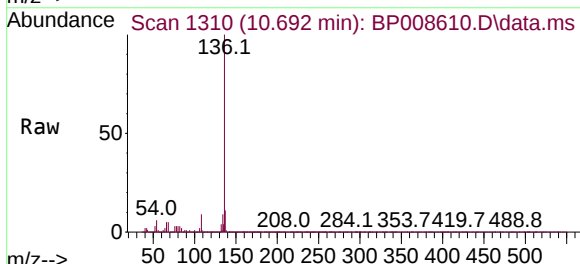
Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.8	16.2
71	29.5	23.8	35.6

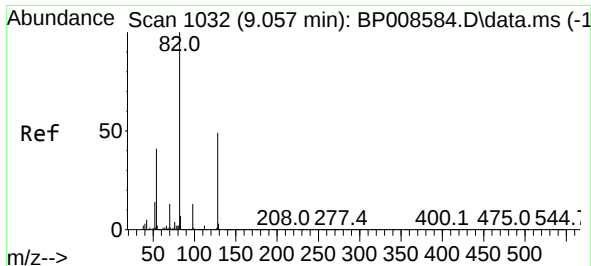


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP008610.D
Acq: 30 Dec 2021 15:05

Tgt Ion: 136 Resp: 1783304

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.1	4.9	7.3
68	5.5	4.3	6.5

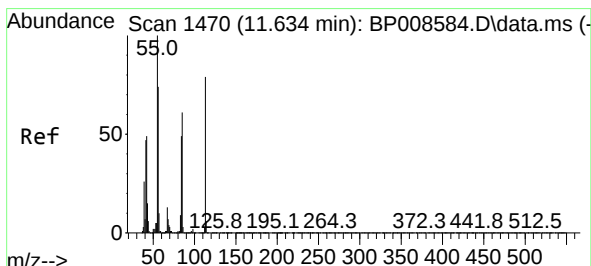
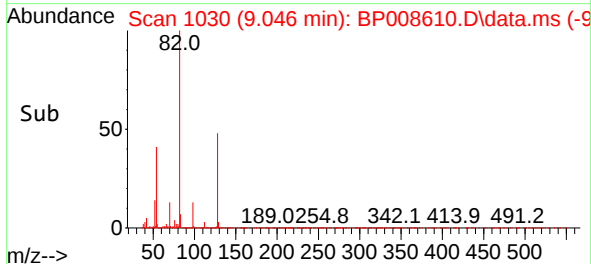
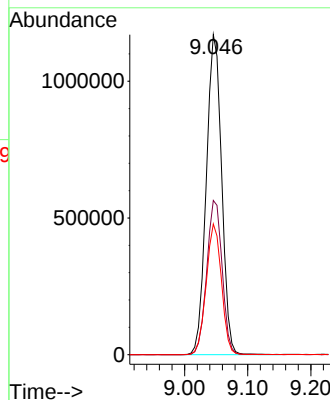
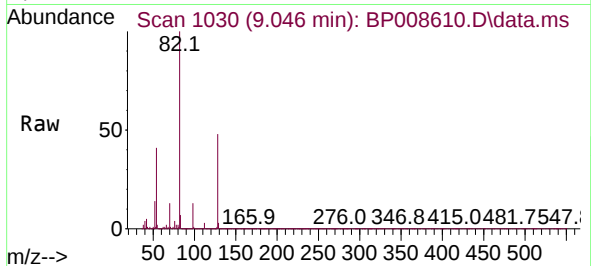




#23
Nitrobenzene-d5
Concen: 65.652 ng
RT: 9.046 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP008610.D
Acq: 30 Dec 2021 15:05

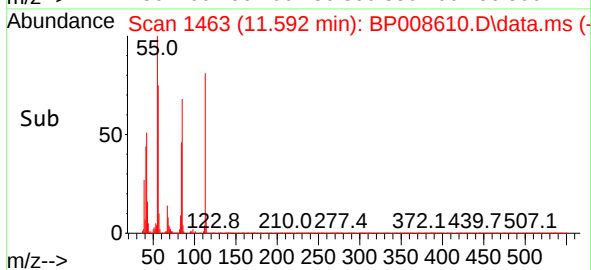
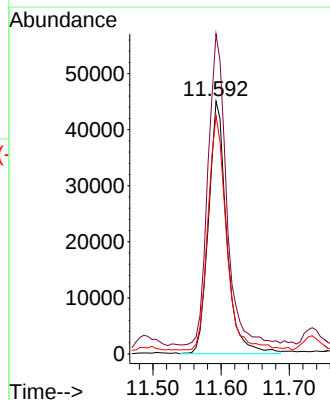
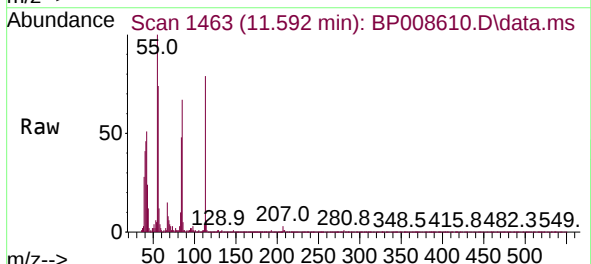
Instrument :
BNA_P
ClientSampleId :
CONC-6A

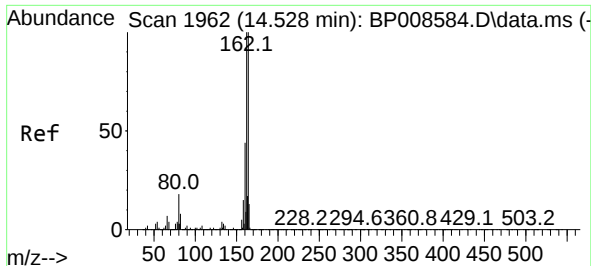
Tgt Ion: 82 Resp: 1968074
Ion Ratio Lower Upper
82 100
128 48.2 39.4 59.2
54 40.8 32.6 48.8



#35
Caprolactam
Concen: 8.538 ng
RT: 11.592 min Scan# 1463
Delta R.T. -0.041 min
Lab File: BP008610.D
Acq: 30 Dec 2021 15:05

Tgt Ion: 113 Resp: 83106
Ion Ratio Lower Upper
113 100
55 126.6 107.1 147.1
56 94.2 74.1 114.1

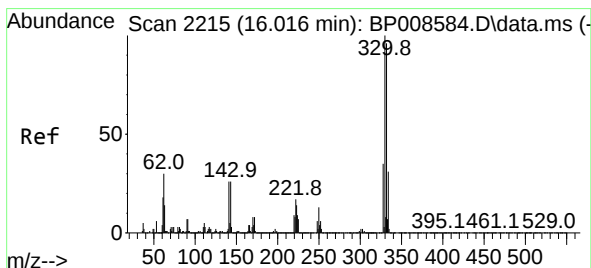
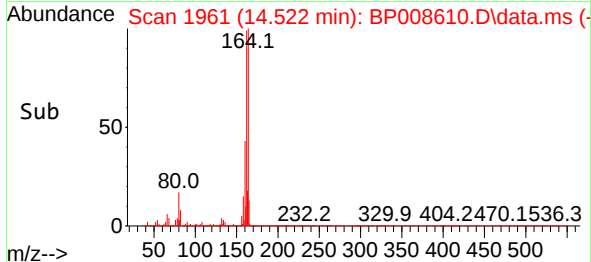
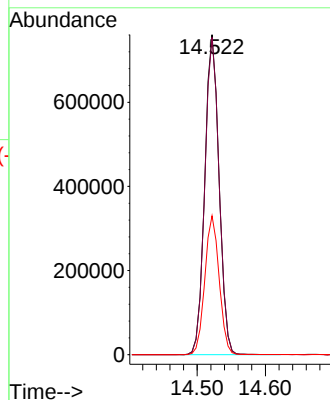
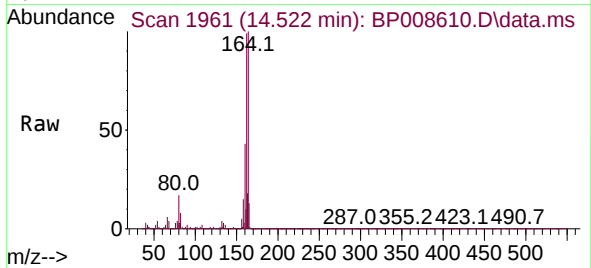




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP008610.D
Acq: 30 Dec 2021 15:05

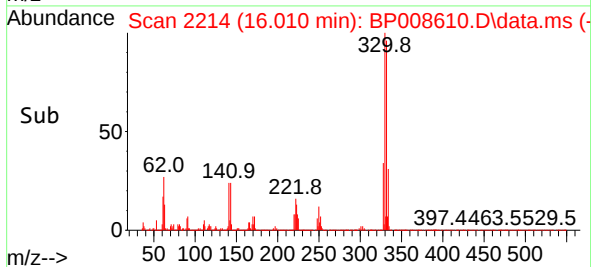
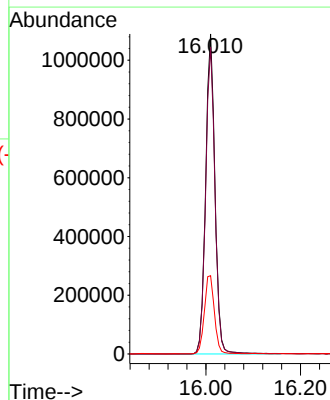
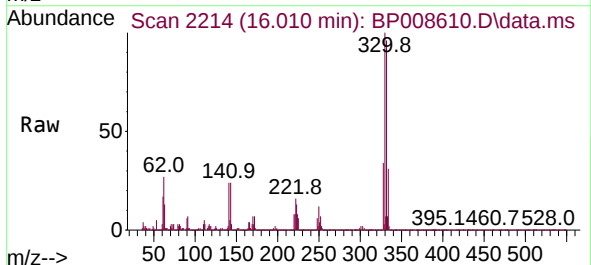
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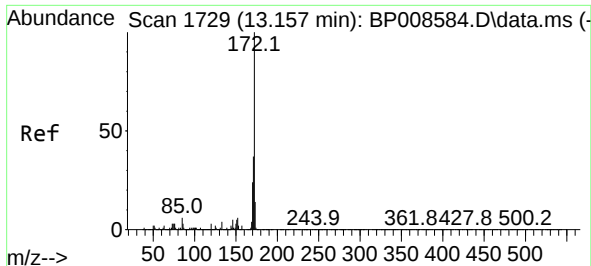
Tgt Ion:164 Resp: 1107138
Ion Ratio Lower Upper
164 100
162 99.2 79.9 119.9
160 43.4 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 99.295 ng
RT: 16.010 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BP008610.D
Acq: 30 Dec 2021 15:05

Tgt Ion:330 Resp: 1487347
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 26.3 21.3 31.9

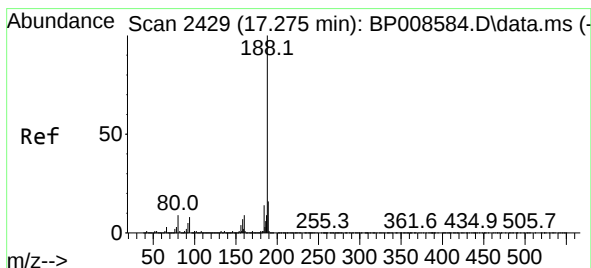
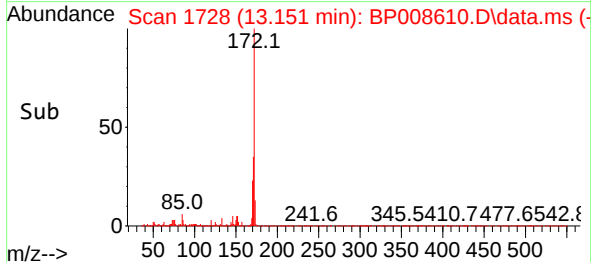
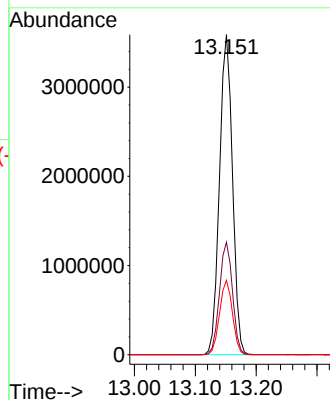
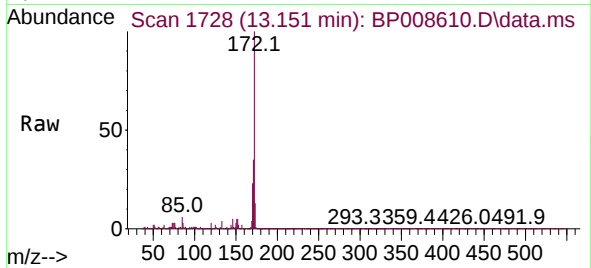




#45
2-Fluorobiphenyl
Concen: 69.334 ng
RT: 13.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008610.D
Acq: 30 Dec 2021 15:05

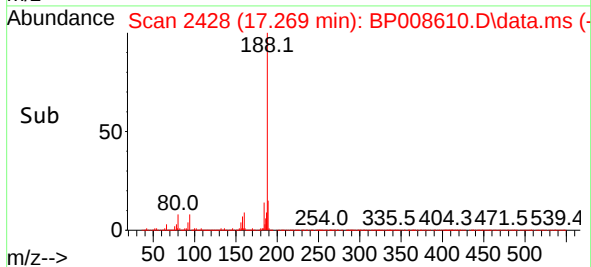
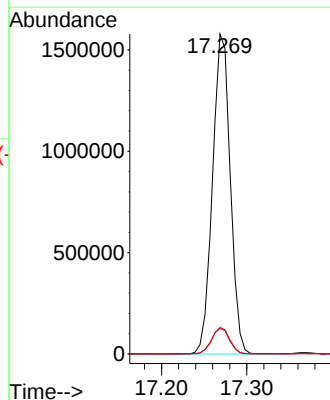
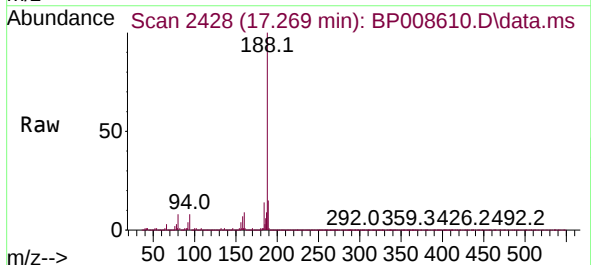
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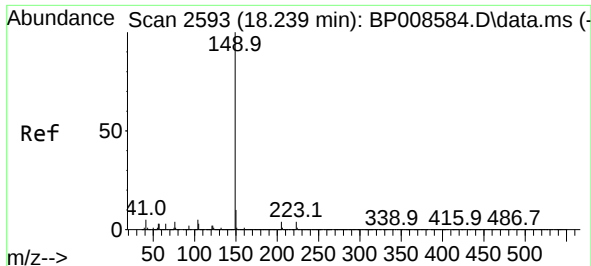
Tgt Ion:172 Resp: 5298296
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.2 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008610.D
Acq: 30 Dec 2021 15:05

Tgt Ion:188 Resp: 2287460
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.4 7.2 10.8

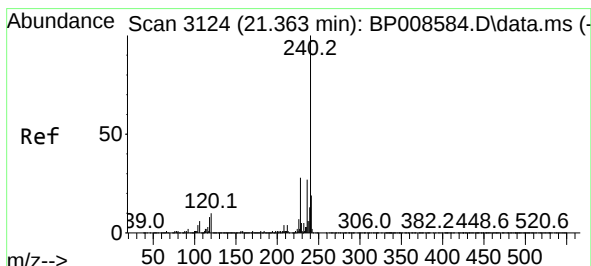
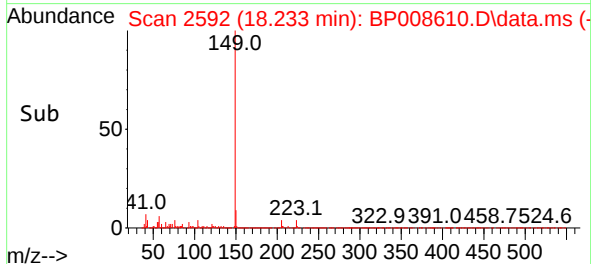
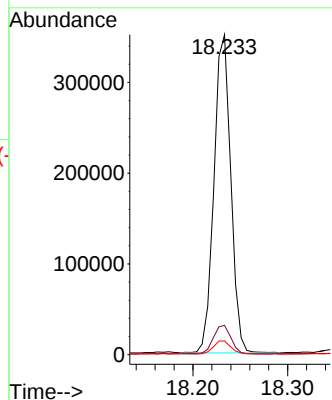
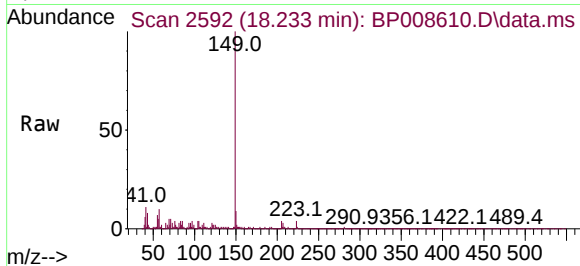




#74
Di-n-butylphthalate
Concen: 3.346 ng
RT: 18.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008610.D
Acq: 30 Dec 2021 15:05

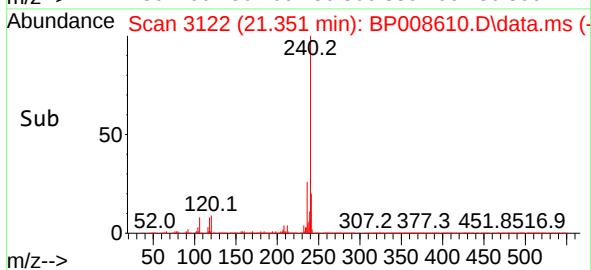
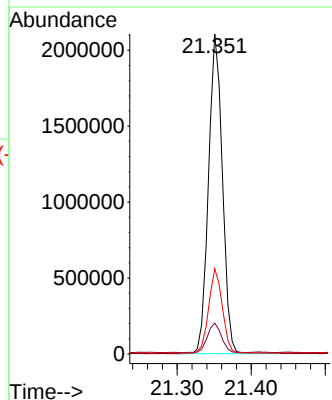
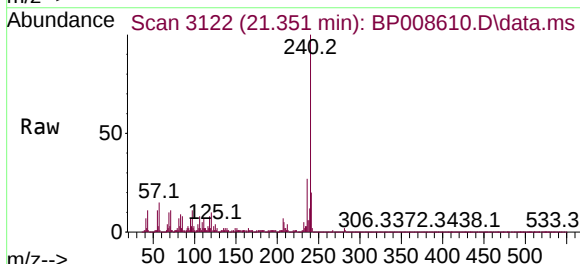
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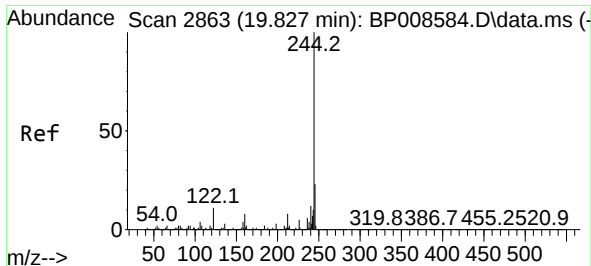
Tgt Ion:149 Resp: 431769
Ion Ratio Lower Upper
149 100
150 9.1 7.9 11.9
104 4.3 3.7 5.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008610.D
Acq: 30 Dec 2021 15:05

Tgt Ion:240 Resp: 2740173
Ion Ratio Lower Upper
240 100
120 9.6 7.7 11.5
236 26.7 21.2 31.8

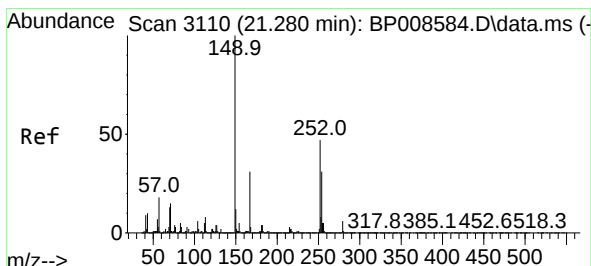
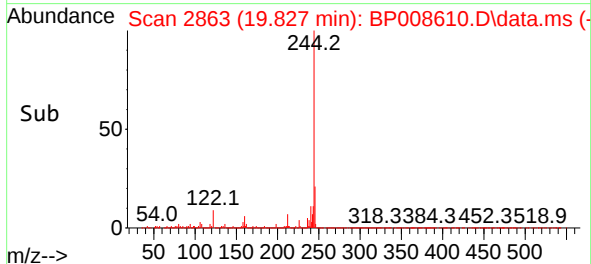
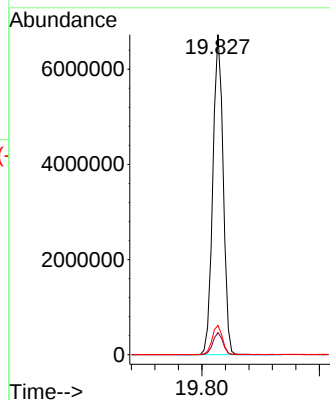
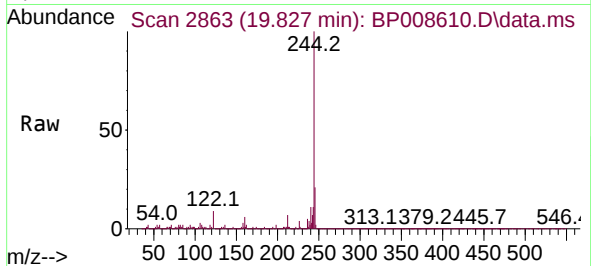




#79
 Terphenyl-d14
 Concen: 60.938 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP008610.D
 Acq: 30 Dec 2021 15:05

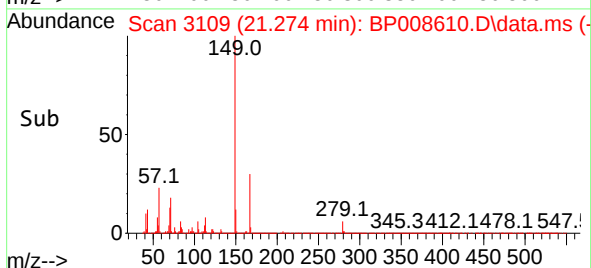
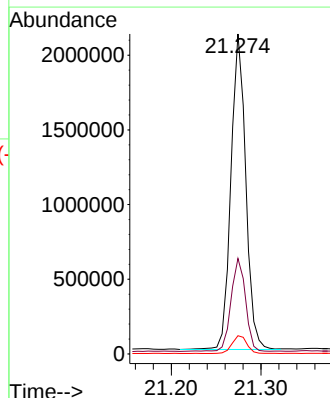
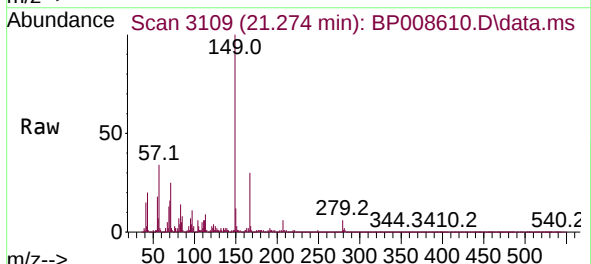
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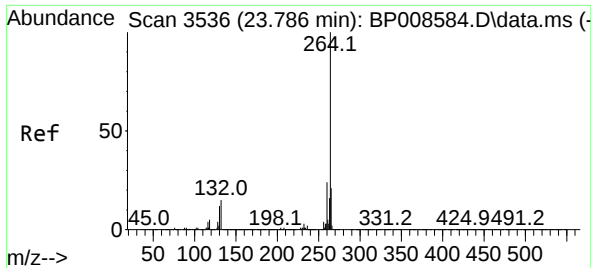
Tgt Ion:244 Resp: 8178180
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 9.1 9.2 13.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 22.558 ng
 RT: 21.274 min Scan# 3109
 Delta R.T. -0.006 min
 Lab File: BP008610.D
 Acq: 30 Dec 2021 15:05

Tgt Ion:149 Resp: 2422950
 Ion Ratio Lower Upper
 149 100
 167 29.9 25.0 37.4
 279 5.7 4.8 7.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008610.D
 Acq: 30 Dec 2021 15:05

Instrument :
 BNA_P
 ClientSampleId :
 CONC-6A

Tgt Ion:264 Resp: 3336689
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.9 17.1 25.7

