

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008255.D
 Acq On : 07 Dec 2021 17:51
 Operator : CG/JU
 Sample : M4920-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FDR-20211202-WC-S

Quant Time: Dec 08 01:09:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

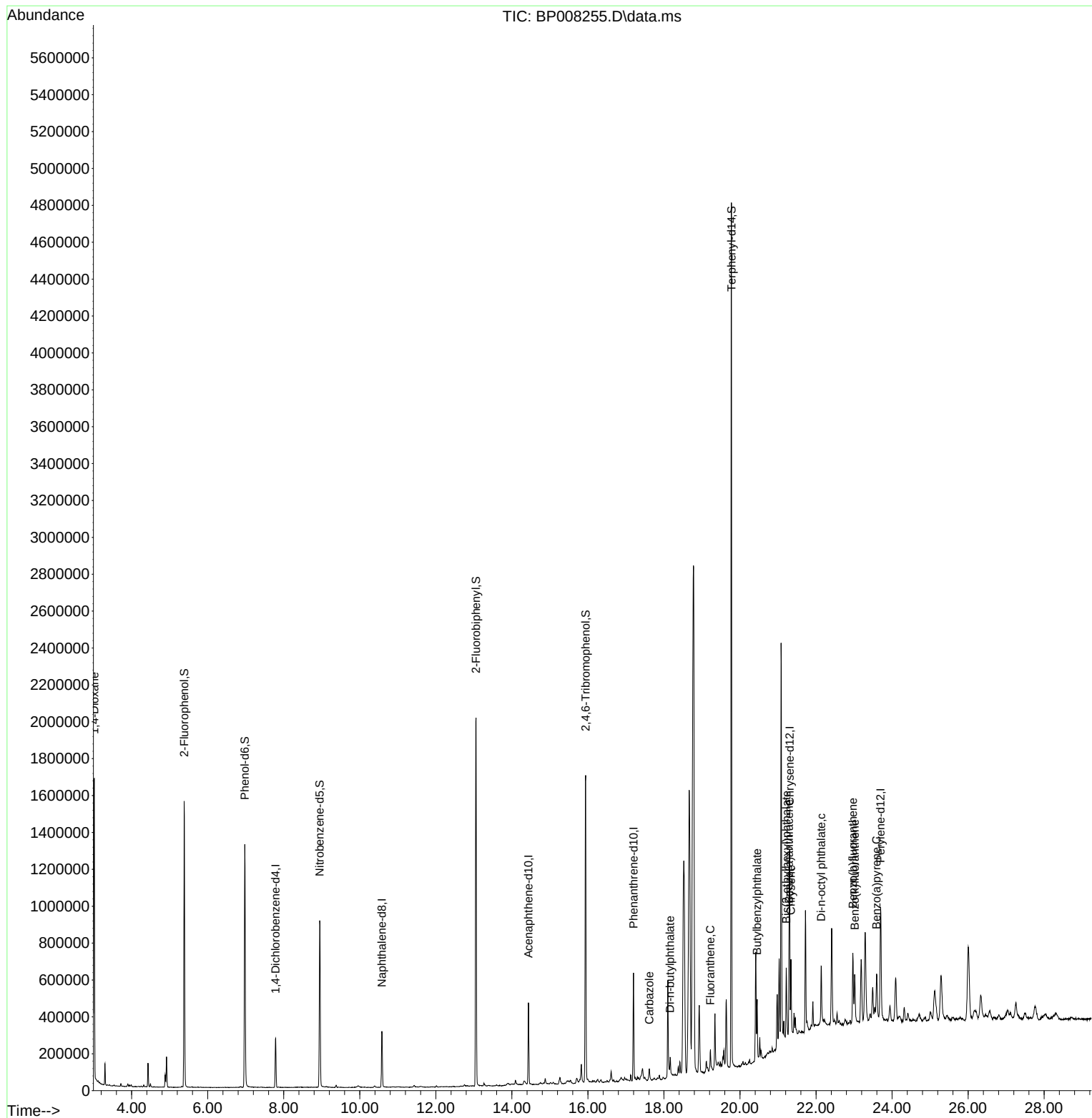
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	68656	20.000	ng	-0.01
21) Naphthalene-d8	10.581	136	237935	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	151955	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	336701	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	435898	20.000	ng	-0.01
86) Perylene-d12	23.698	264	481523	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	606410	142.213	ng	0.00
7) Phenol-d6	6.975	99	716194	124.421	ng	-0.01
23) Nitrobenzene-d5	8.946	82	535052	102.257	ng	-0.02
42) 2,4,6-Tribromophenol	15.940	330	327082	168.404	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	1041794	99.585	ng	-0.01
79) Terphenyl-d14	19.775	244	2209826	105.951	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.017	88	9526	4.788 ng	#	1
9) Benzaldehyde	6.940	77	180	Below Cal	#	64
73) Carbazole	17.616	167	48641	2.824 ng		97
74) Di-n-butylphthalate	18.163	149	66984	3.107 ng		99
75) Fluoranthene	19.222	202	60047	2.507 ng		96
80) Butylbenzylphthalate	20.451	149	98743	7.955 ng		99
81) Benzo(a)anthracene	21.286	228	225862	7.818 ng		99
83) Chrysene	21.339	228	256456	9.329 ng		99
84) Bis(2-ethylhexyl)phtha...	21.216	149	135589	7.195 ng		98
85) Di-n-octyl phthalate	22.133	149	232415	7.260 ng	#	93
88) Benzo(b)fluoranthene	22.969	252	198961	6.854 ng		99
89) Benzo(k)fluoranthene	23.016	252	228354	8.035 ng		98
90) Benzo(a)pyrene	23.592	252	139263	5.613 ng		98

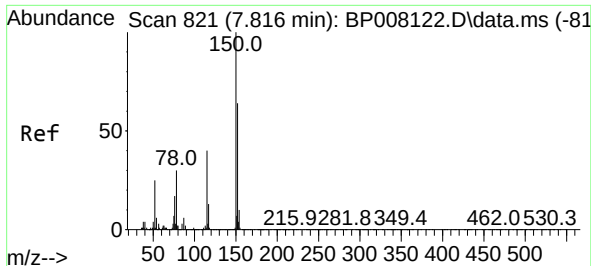
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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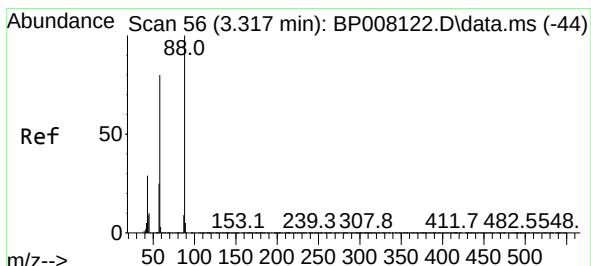
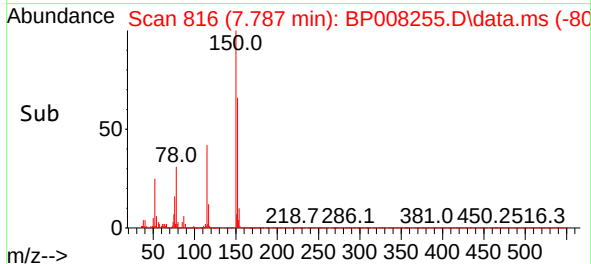
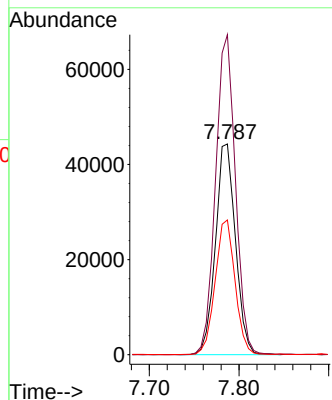
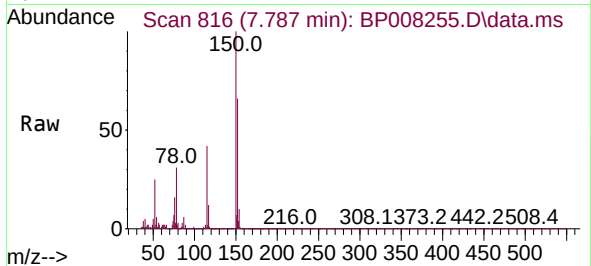




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BP008255.D
 Acq: 07 Dec 2021 17:51

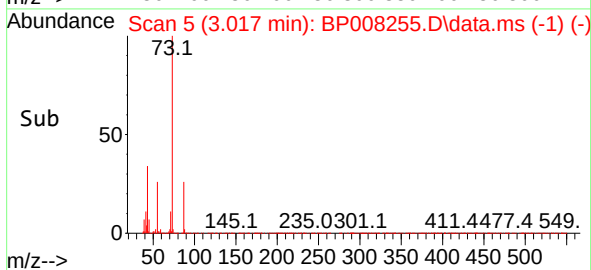
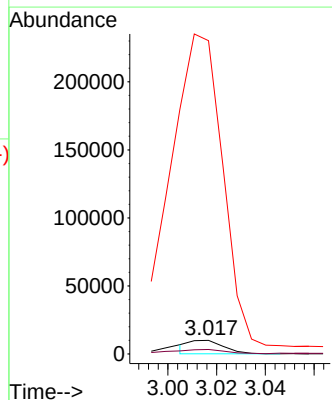
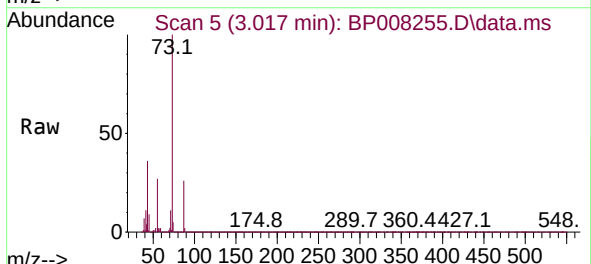
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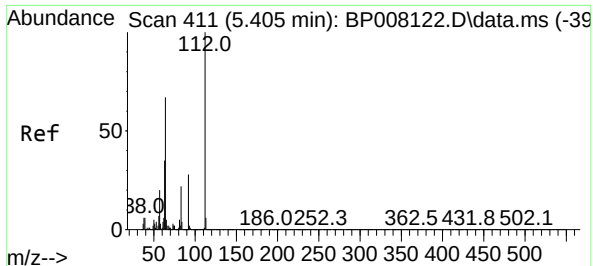
Tgt Ion:152 Resp: 68656
 Ion Ratio Lower Upper
 152 100
 150 151.9 125.7 188.5
 115 63.9 50.7 76.1



#2
 1,4-Dioxane
 Concen: 4.788 ng
 RT: 3.017 min Scan# 5
 Delta R.T. -0.276 min
 Lab File: BP008255.D
 Acq: 07 Dec 2021 17:51

Tgt Ion: 88 Resp: 9526
 Ion Ratio Lower Upper
 88 100
 58 30.6 63.5 95.3#
 43 2341.5 23.4 35.2#

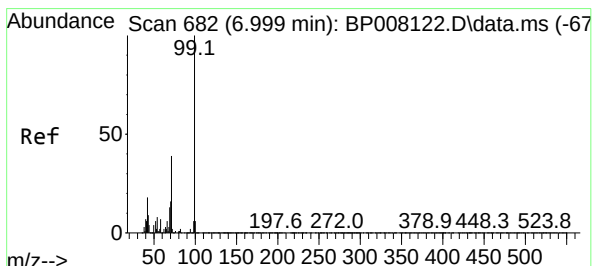
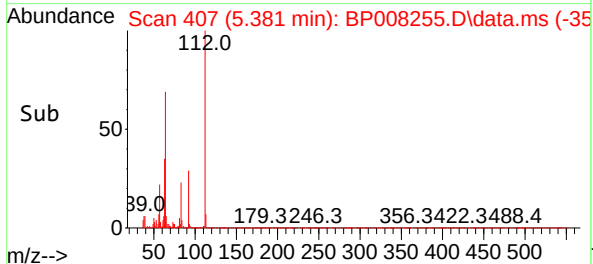
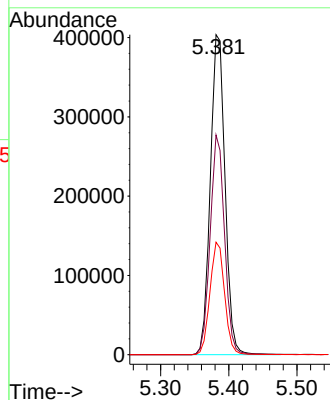
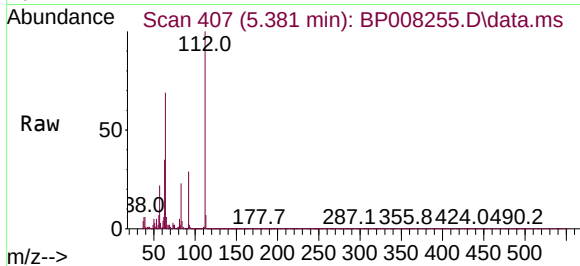




#5
2-Fluorophenol
Concen: 142.213 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

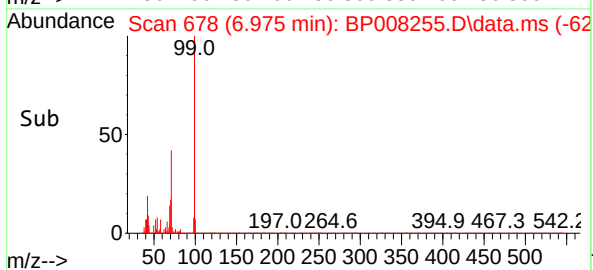
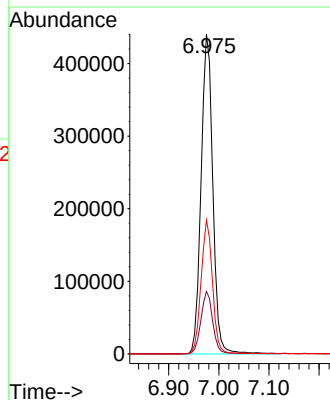
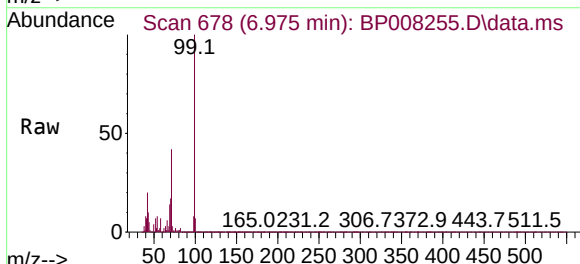
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ClientSampleId :
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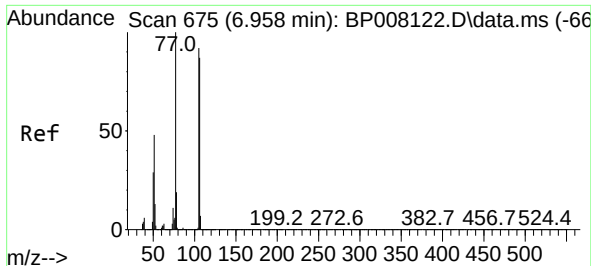
Tgt Ion:112 Resp: 606410
Ion Ratio Lower Upper
112 100
64 68.7 53.4 80.2
63 35.1 27.8 41.8



#7
Phenol-d6
Concen: 124.421 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.012 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

Tgt Ion: 99 Resp: 716194
Ion Ratio Lower Upper
99 100
42 19.6 14.6 22.0
71 41.9 31.1 46.7

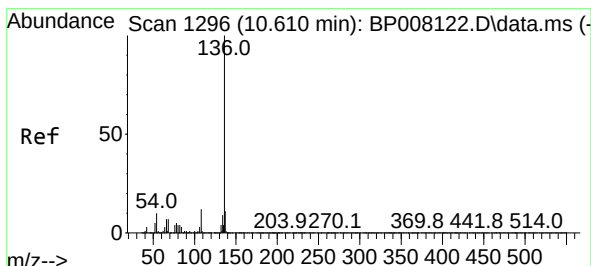
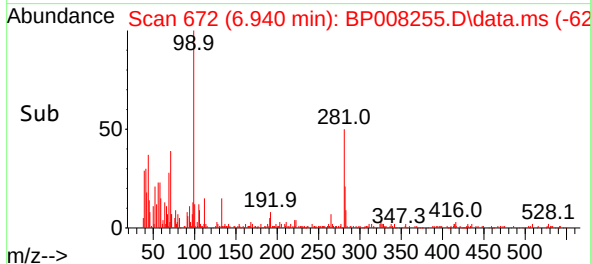
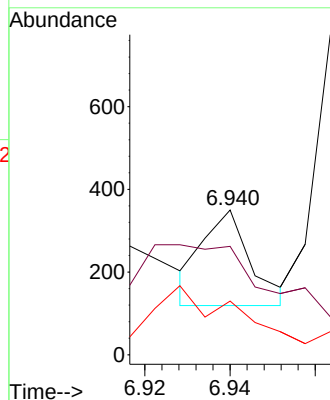
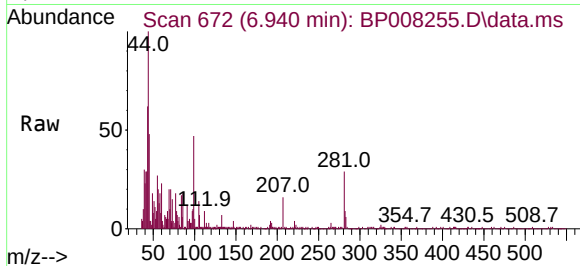




#9
Benzaldehyde
Concen: Below Cal
RT: 6.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

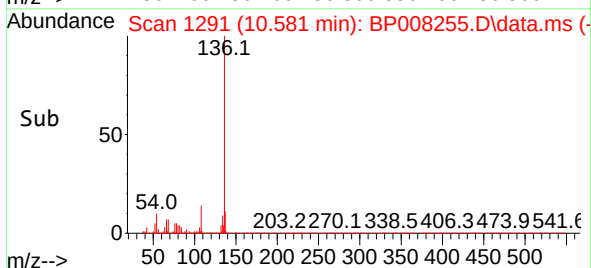
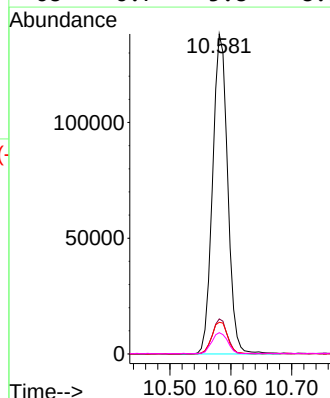
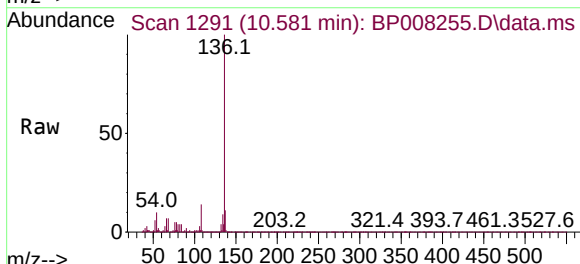
Instrument :
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ClientSampleId :
FDR-20211202-WC-S

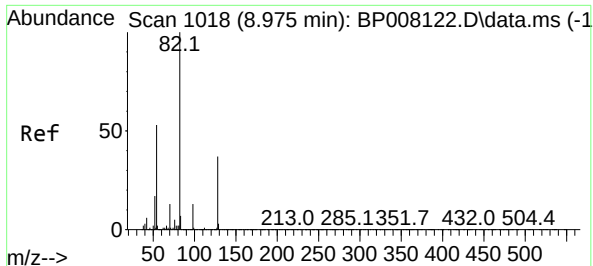
Tgt Ion: 77 Resp: 180
Ion Ratio Lower Upper
77 100
105 74.9 71.8 111.8
106 37.1 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

Tgt Ion: 136 Resp: 237935
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.9 8.2 12.4
68 6.7 5.8 8.8

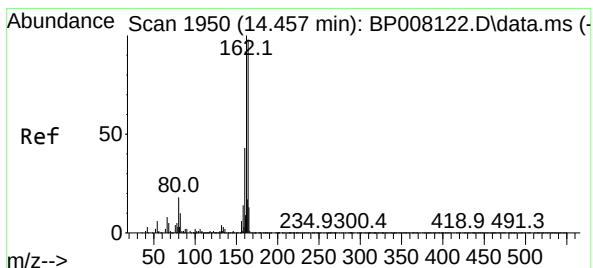
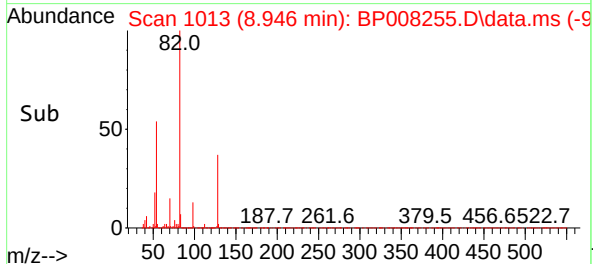
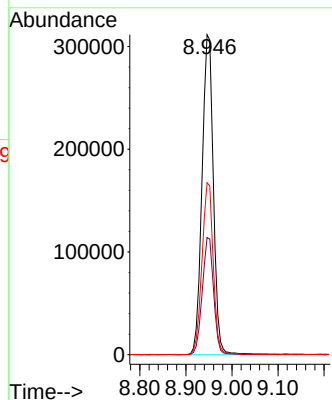
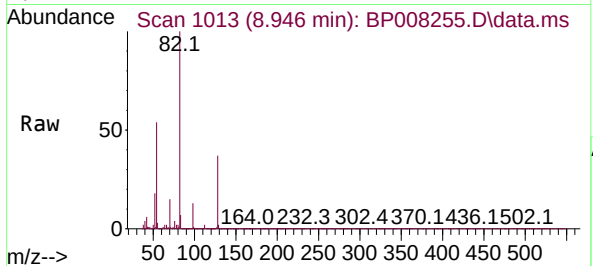




#23
Nitrobenzene-d5
Concen: 102.257 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

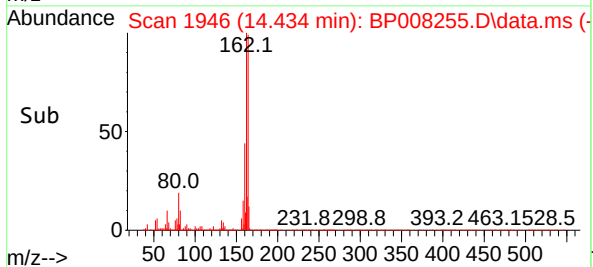
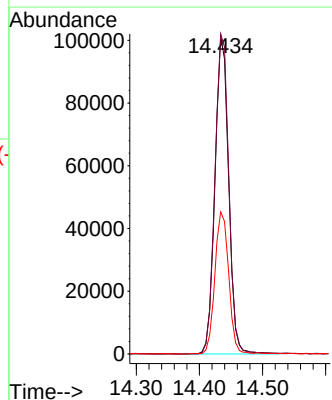
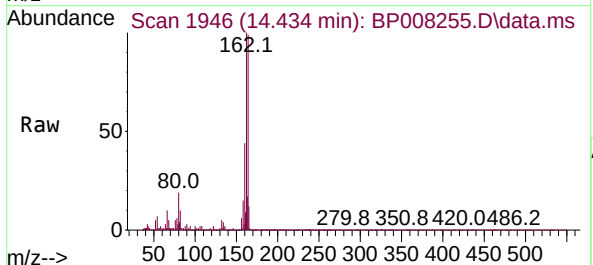
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ClientSampleId :
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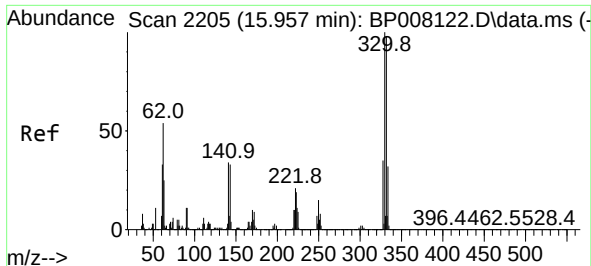
Tgt Ion: 82 Resp: 535052
Ion Ratio Lower Upper
82 100
128 36.6 29.6 44.4
54 53.7 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

Tgt Ion:164 Resp: 151955
Ion Ratio Lower Upper
164 100
162 100.7 81.9 122.9
160 44.7 35.4 53.0

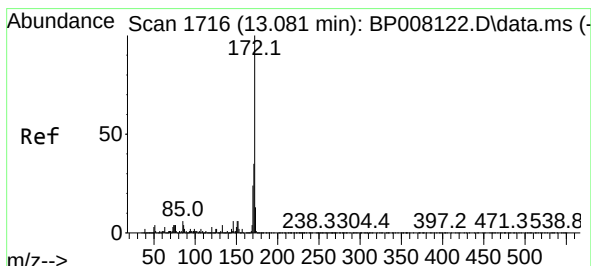
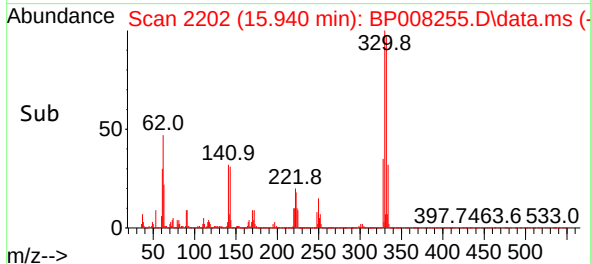
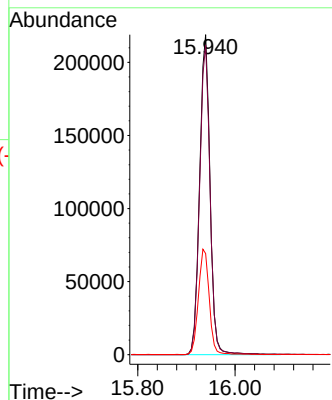
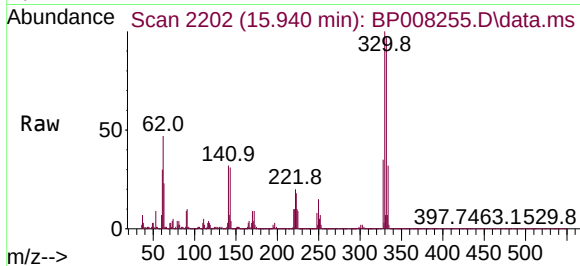




#42
2,4,6-Tribromophenol
Concen: 168.404 ng
RT: 15.940 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

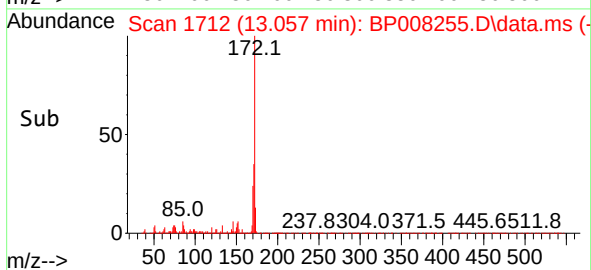
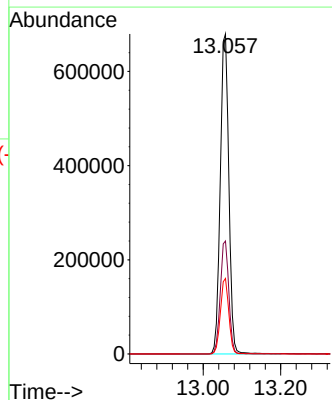
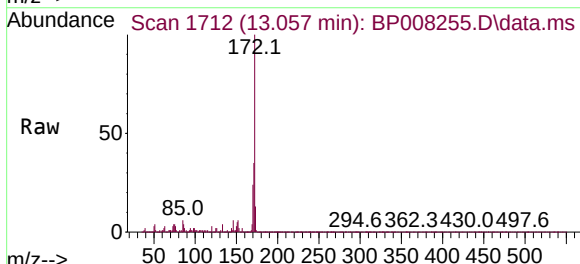
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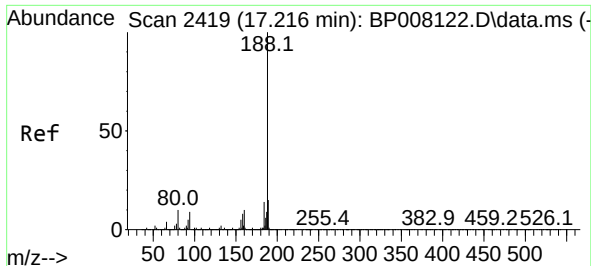
Tgt Ion:330 Resp: 327082
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 34.2 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 99.585 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

Tgt Ion:172 Resp: 1041794
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.6 18.9 28.3

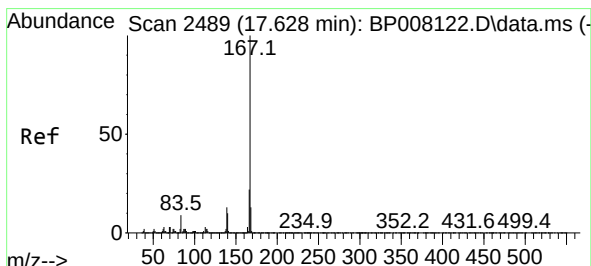
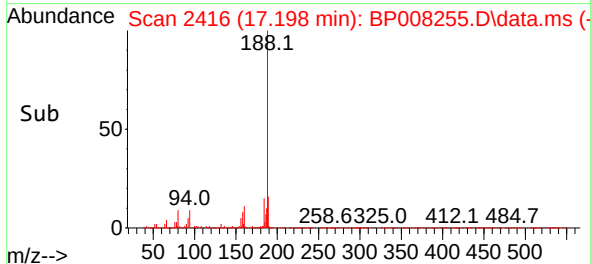
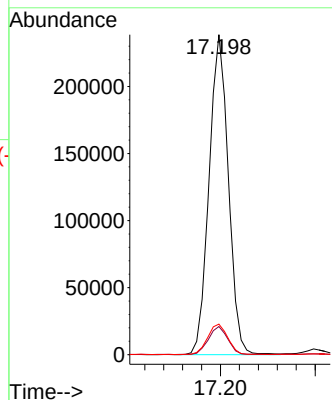
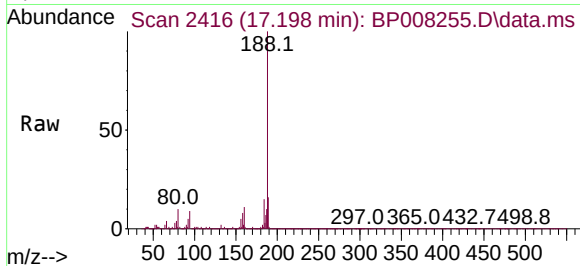




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

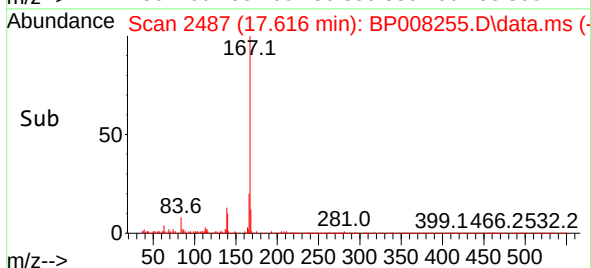
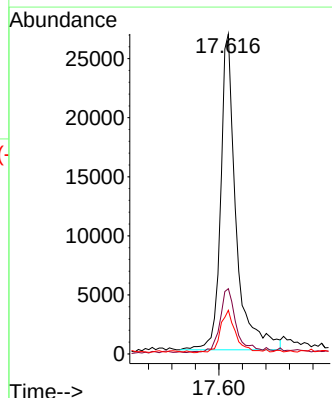
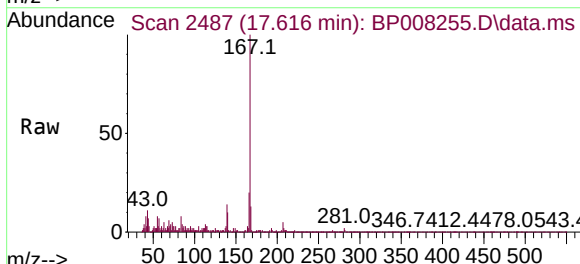
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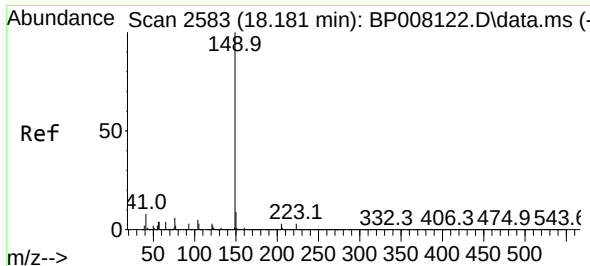
Tgt Ion:188 Resp: 336701
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.6 8.2 12.4



#73
Carbazole
Concen: 2.824 ng
RT: 17.616 min Scan# 2487
Delta R.T. -0.006 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

Tgt Ion:167 Resp: 48641
Ion Ratio Lower Upper
167 100
166 20.4 17.4 26.0
139 13.7 10.2 15.2

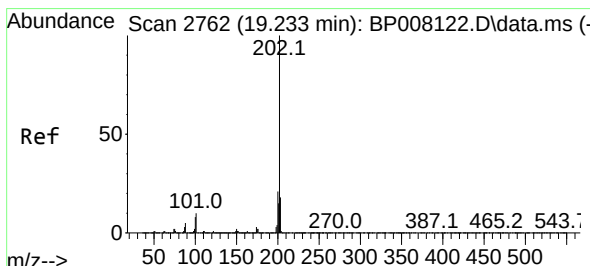
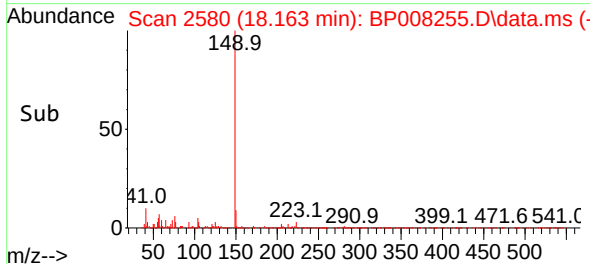
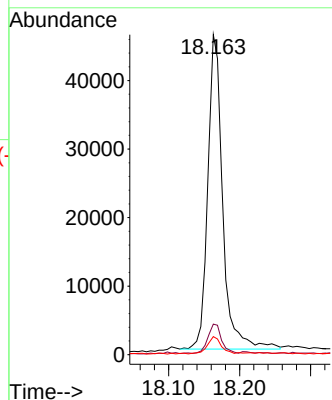
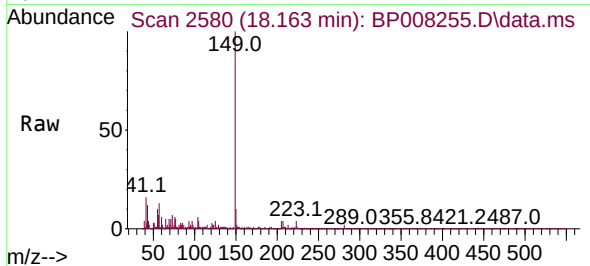




#74
Di-n-butylphthalate
Concen: 3.107 ng
RT: 18.163 min Scan# 2580
Delta R.T. -0.012 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

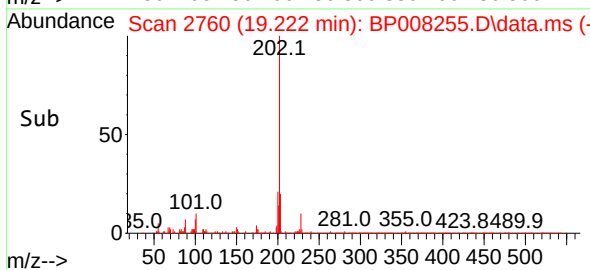
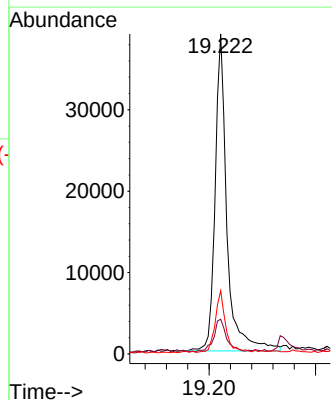
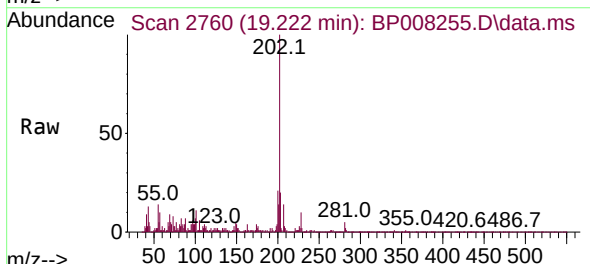
Instrument :
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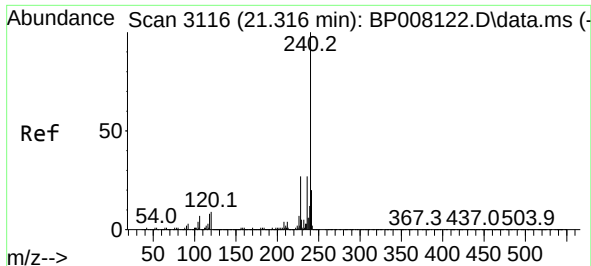
Tgt Ion:	149	Resp:	66984
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.4	11.2
104	5.6	4.4	6.6



#75
Fluoranthene
Concen: 2.507 ng
RT: 19.222 min Scan# 2760
Delta R.T. -0.012 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

Tgt Ion:	202	Resp:	60047
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	29.8
203	19.8	0.0	37.7

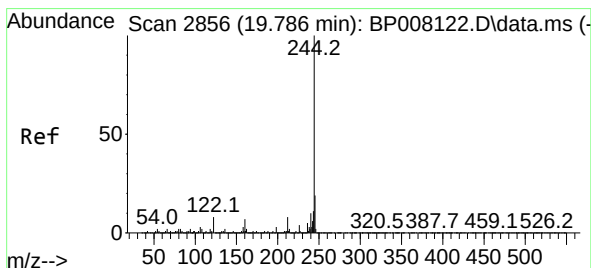
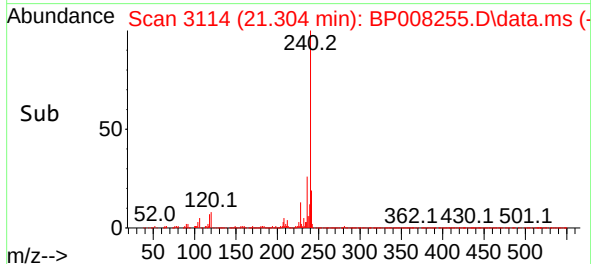
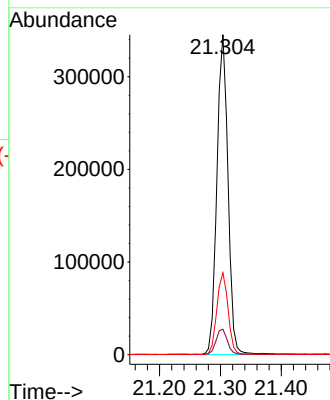
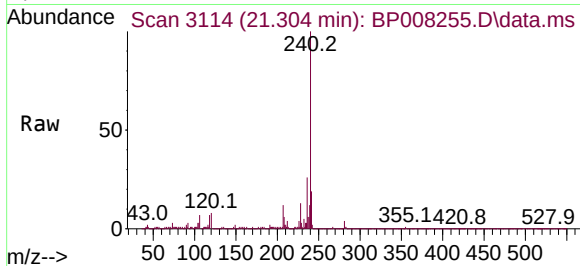




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

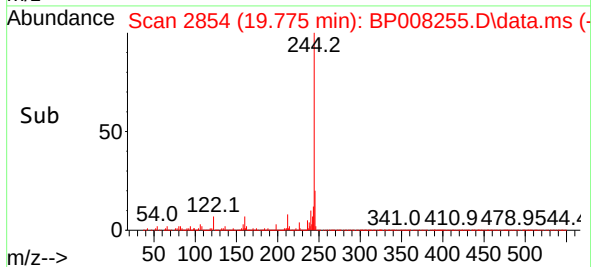
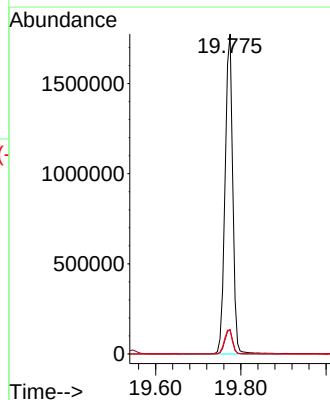
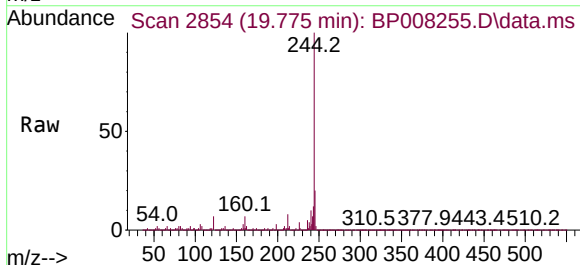
Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

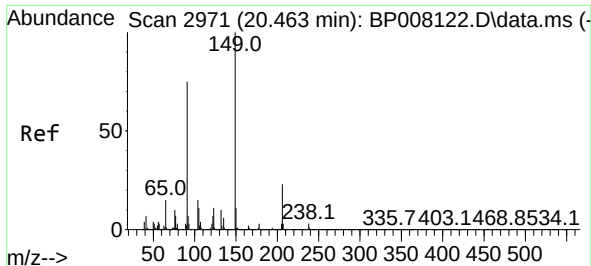
Tgt Ion:240 Resp: 435898
Ion Ratio Lower Upper
240 100
120 7.9 7.3 10.9
236 25.6 21.4 32.2



#79
Terphenyl-d14
Concen: 105.951 ng
RT: 19.775 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

Tgt Ion:244 Resp: 2209826
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 7.3 6.6 9.8

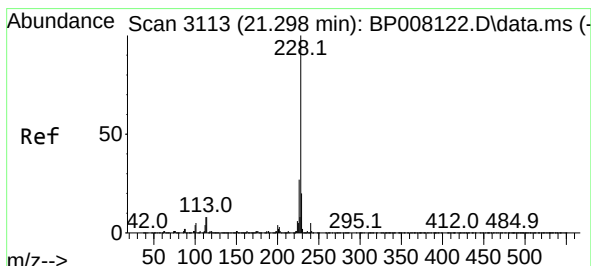
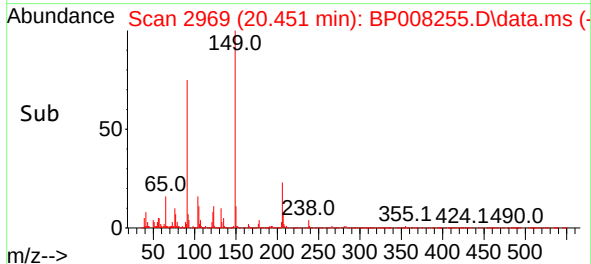
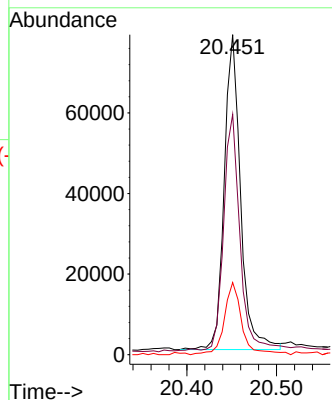
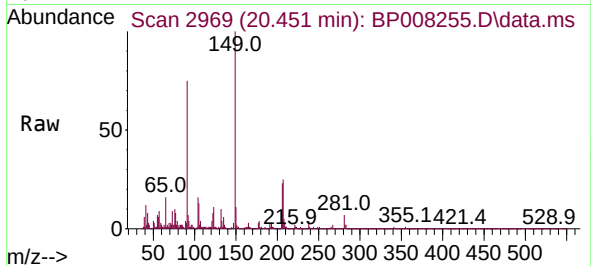




#80
Butylbenzylphthalate
Concen: 7.955 ng
RT: 20.451 min Scan# 2969
Delta R.T. -0.012 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

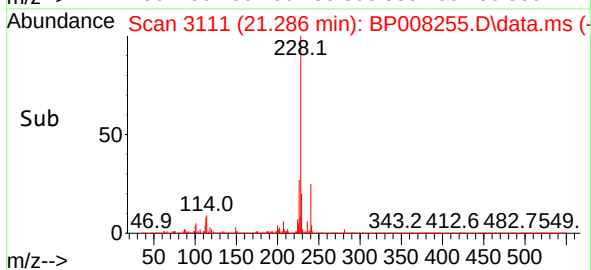
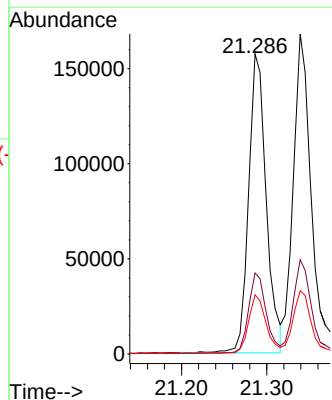
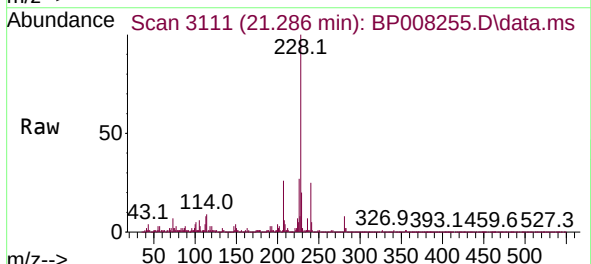
Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

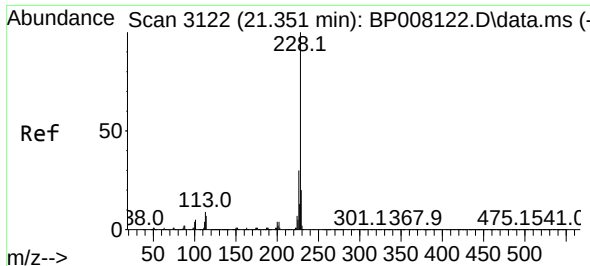
Tgt Ion:	149	Resp:	98743
Ion Ratio	Lower	Upper	
149	100		
91	75.1	59.8	89.8
206	22.6	18.6	27.8



#81
Benzo(a)anthracene
Concen: 7.818 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

Tgt Ion:	228	Resp:	225862
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.9	32.9
229	19.7	15.9	23.9

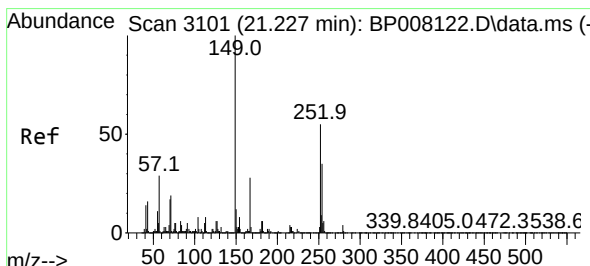
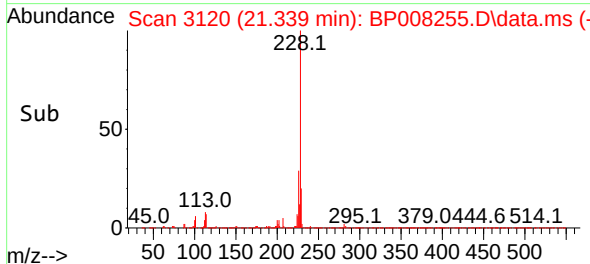
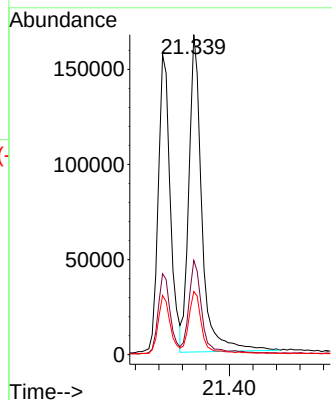
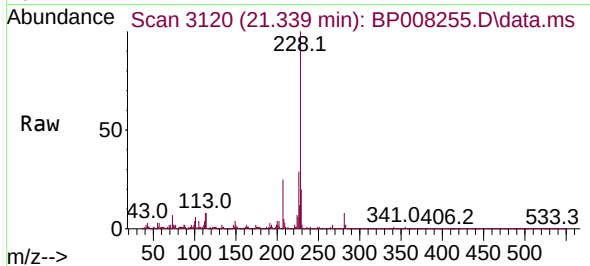




#83
Chrysene
Concen: 9.329 ng
RT: 21.339 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

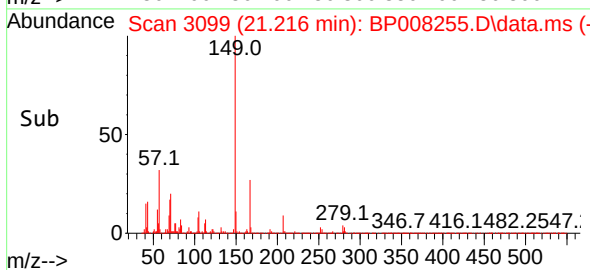
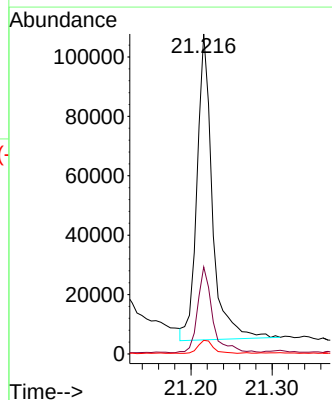
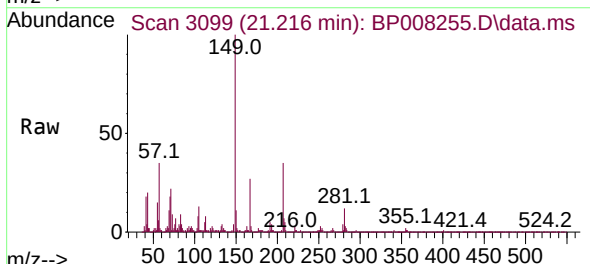
Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

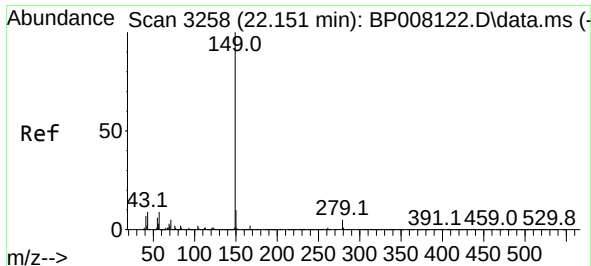
Tgt Ion:228 Resp: 256456
Ion Ratio Lower Upper
228 100
226 29.4 24.0 36.0
229 19.7 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.195 ng
RT: 21.216 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

Tgt Ion:149 Resp: 135589
Ion Ratio Lower Upper
149 100
167 27.2 22.5 33.7
279 4.3 3.5 5.3

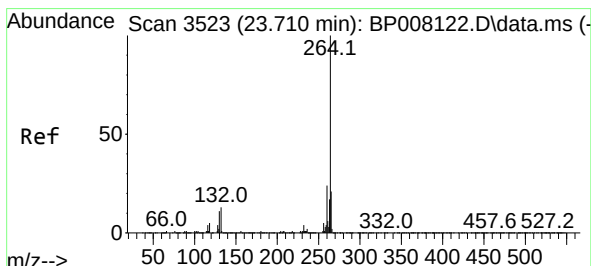
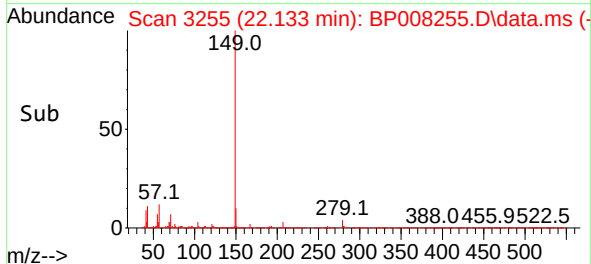
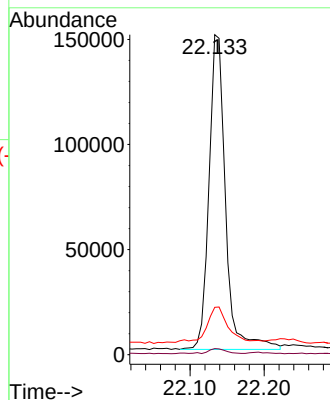
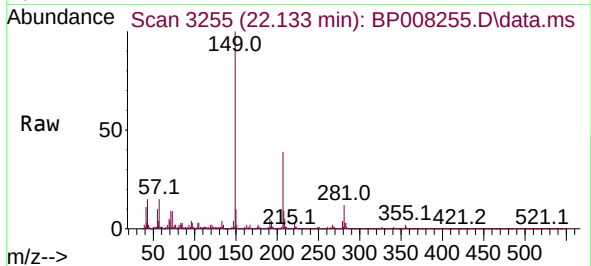




#85
Di-n-octyl phthalate
Concen: 7.260 ng
RT: 22.133 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

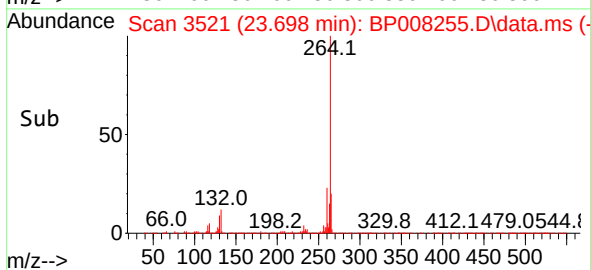
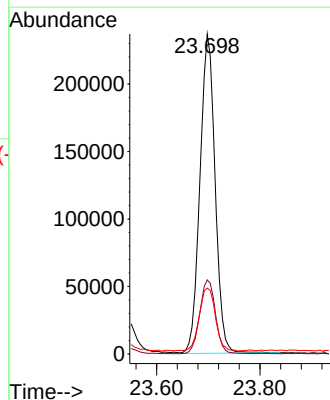
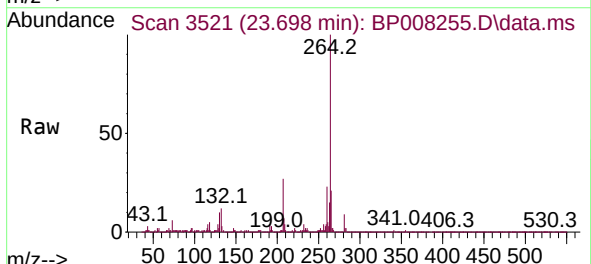
Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

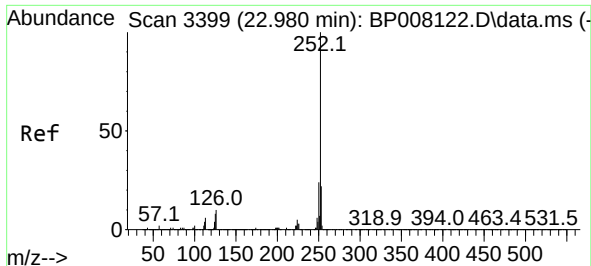
Tgt Ion:149 Resp: 232415
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 12.7 7.9 11.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3521
Delta R.T. -0.018 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

Tgt Ion:264 Resp: 481523
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.2
265 20.6 17.6 26.4

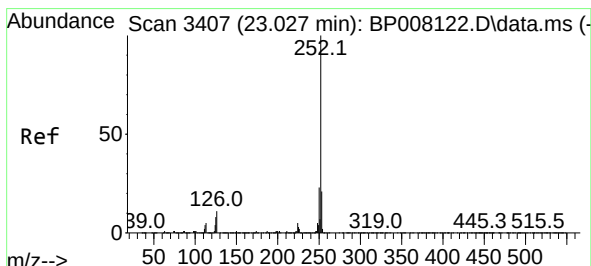
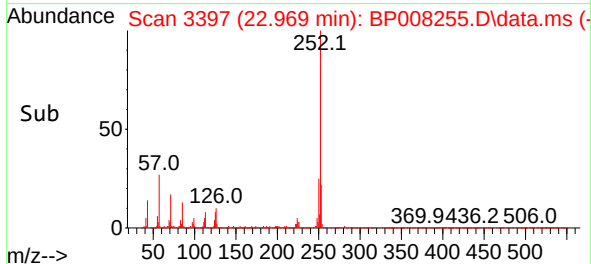
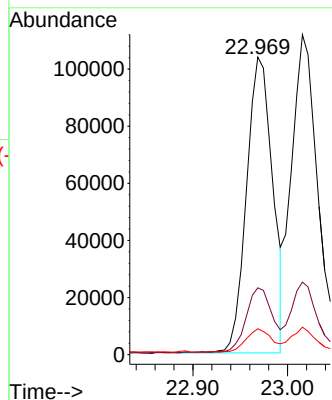
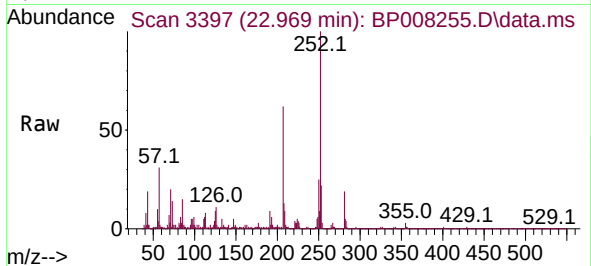




#88
Benzo(b)fluoranthene
Concen: 6.854 ng
RT: 22.969 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

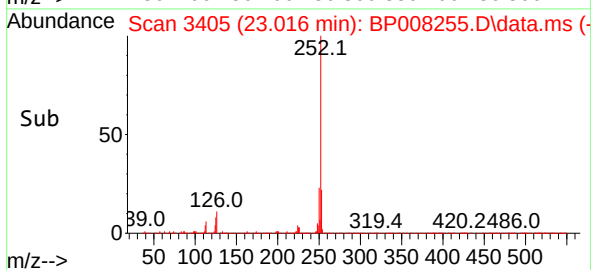
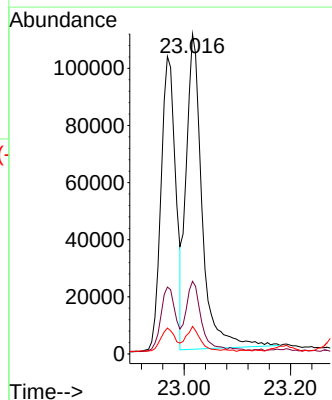
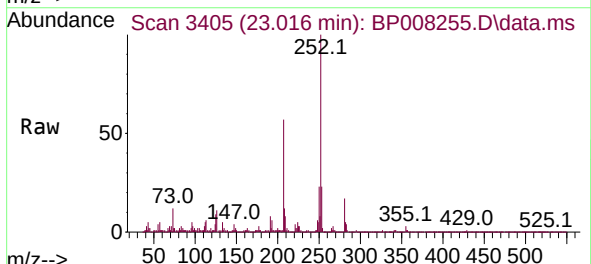
Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

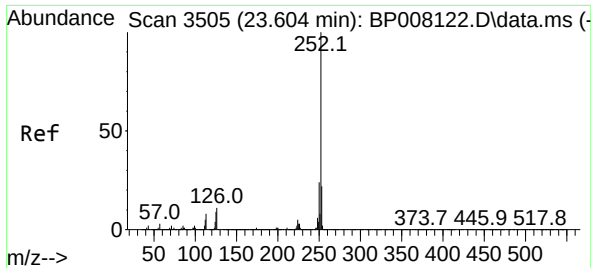
Tgt Ion:252 Resp: 198961
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 8.7 6.2 9.4



#89
Benzo(k)fluoranthene
Concen: 8.035 ng
RT: 23.016 min Scan# 3405
Delta R.T. -0.018 min
Lab File: BP008255.D
Acq: 07 Dec 2021 17:51

Tgt Ion:252 Resp: 228354
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 8.6 6.5 9.7





#90

Benzo(a)pyrene

Concen: 5.613 ng

RT: 23.592 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP008255.D

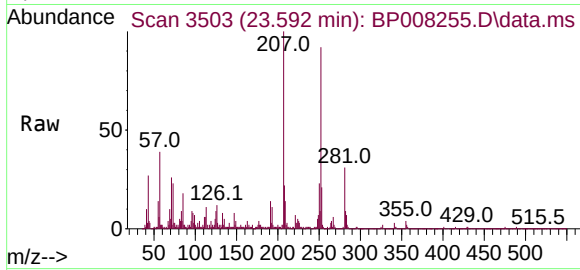
Acq: 07 Dec 2021 17:51

Instrument :

BNA_P

ClientSampleId :

FDR-20211202-WC-S



Tgt Ion:252 Resp: 139263

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 10.0 7.4 11.0

