

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008433.D
 Acq On : 16 Dec 2021 02:16
 Operator : CG/JU
 Sample : M5018-39
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP6

Quant Time: Dec 16 06:47:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

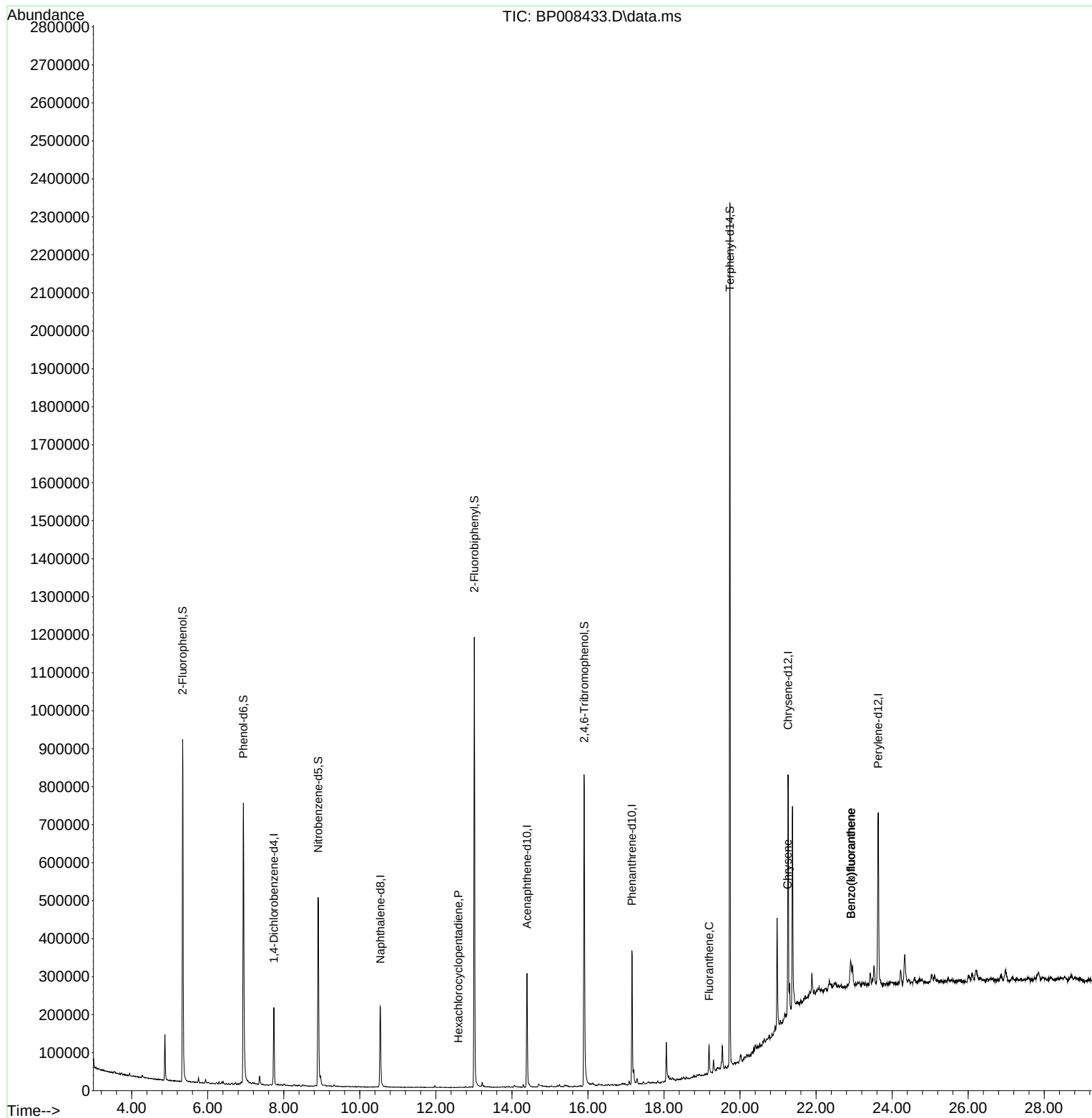
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	52524	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	182168	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	111993	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	232149	20.000	ng	0.00
76) Chrysene-d12	21.263	240	297118	20.000	ng	0.00
86) Perylene-d12	23.633	264	355448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	373099	112.180	ng	0.00
7) Phenol-d6	6.940	99	454098	101.658	ng	0.00
23) Nitrobenzene-d5	8.904	82	319606	74.327	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	185989	113.007	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	615901	69.909	ng	0.00
79) Terphenyl-d14	19.733	244	1079687	63.243	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	192	Below Cal	#	66
9) Benzaldehyde	6.899	77	296	Below Cal	#	50
41) Hexachlorocyclopentadiene	12.592	237	12	8.661	ng	88
75) Fluoranthene	19.186	202	41933	2.954	ng	97
83) Chrysene	21.251	228	38539	2.026	ng	96
88) Benzo(b)fluoranthene	22.921	252	51452	2.406	ng	# 97
89) Benzo(k)fluoranthene	22.921	252	51452	2.386	ng	96

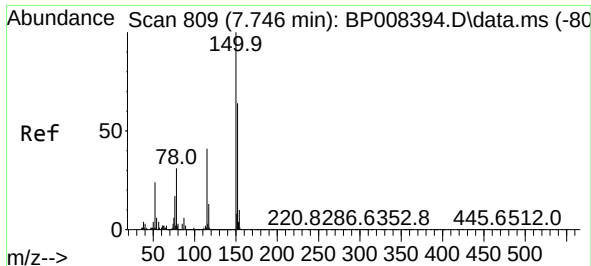
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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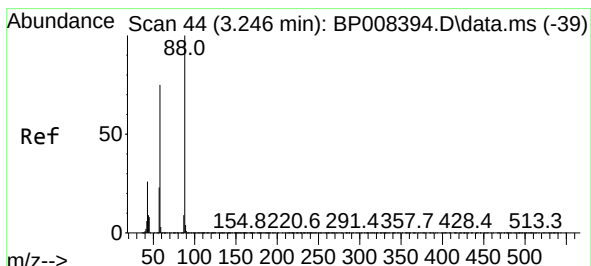
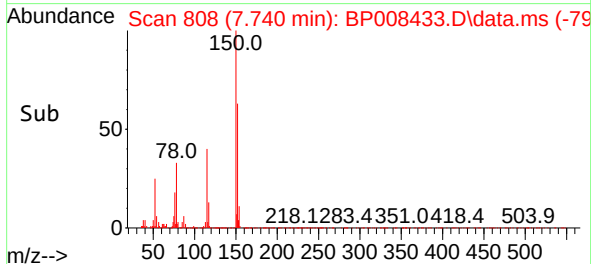
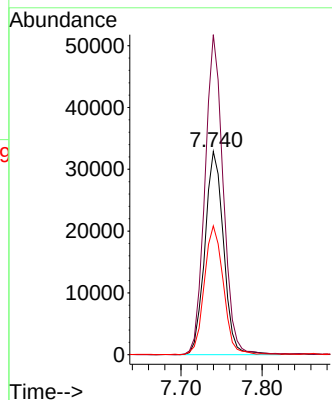
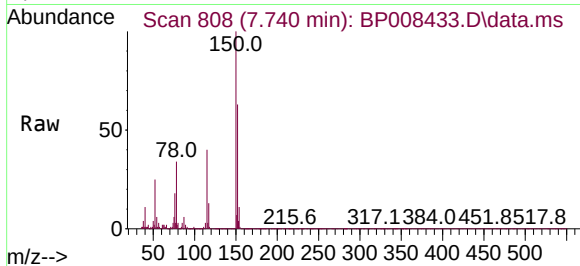




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

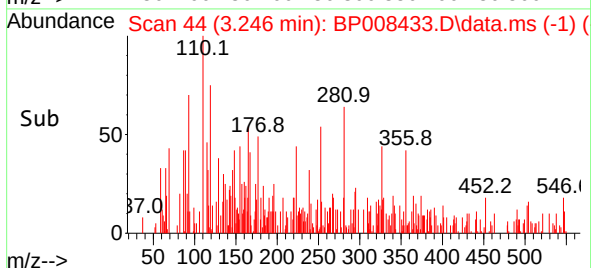
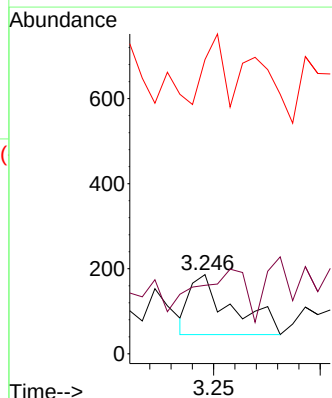
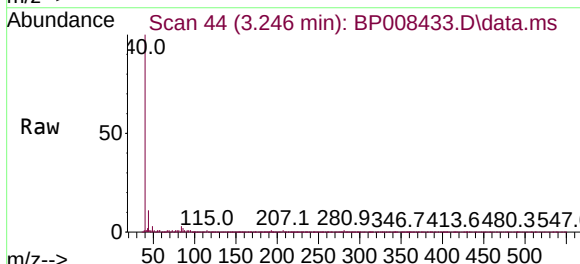
Instrument :
BNA_P
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TP6

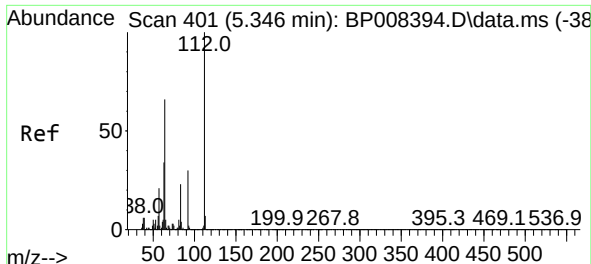
Tgt Ion:152 Resp: 52524
Ion Ratio Lower Upper
152 100
150 157.5 125.7 188.5
115 63.4 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.246 min Scan# 44
Delta R.T. -0.000 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

Tgt Ion: 88 Resp: 192
Ion Ratio Lower Upper
88 100
58 104.7 63.5 95.3#
43 55.2 23.4 35.2#

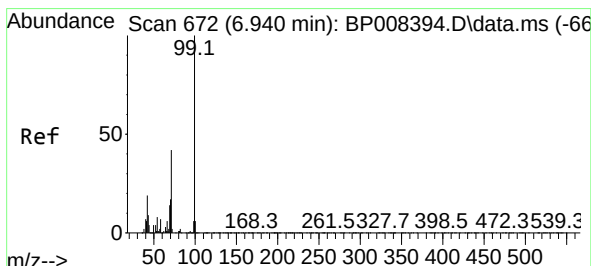
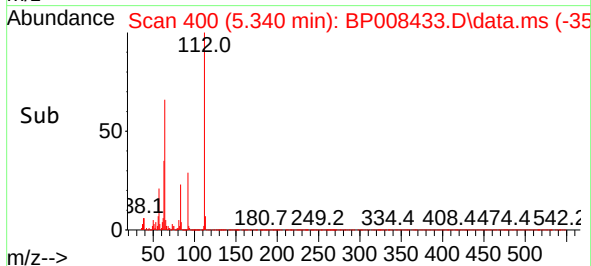
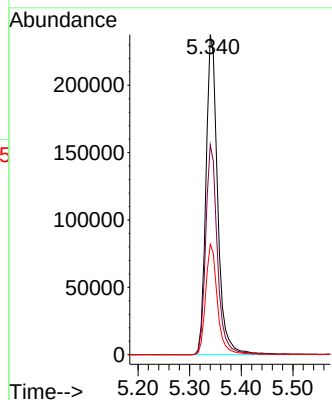
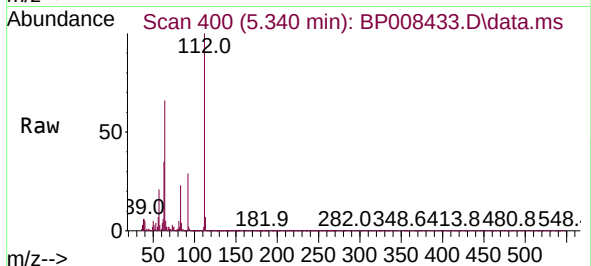




#5
2-Fluorophenol
Concen: 112.180 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

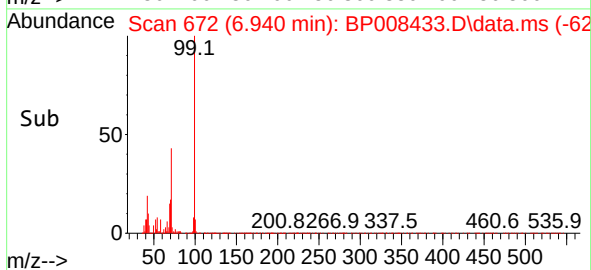
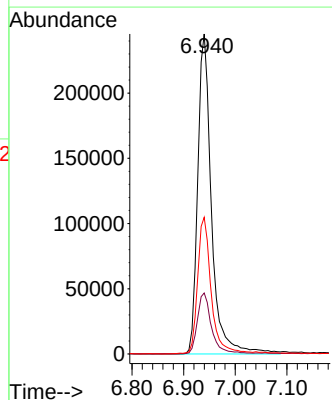
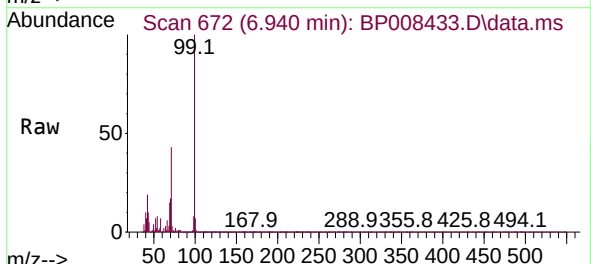
Instrument :
BNA_P
ClientSampleId :
TP6

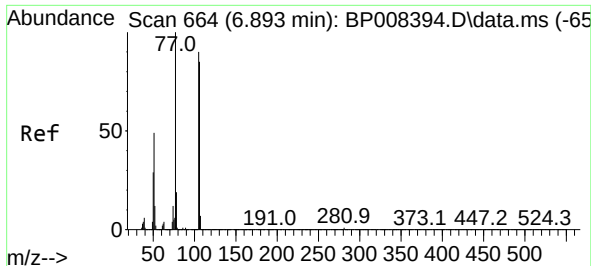
Tgt Ion:112 Resp: 373099
Ion Ratio Lower Upper
112 100
64 65.6 53.4 80.2
63 34.5 27.8 41.8



#7
Phenol-d6
Concen: 101.658 ng
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

Tgt Ion: 99 Resp: 454098
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 42.7 31.1 46.7

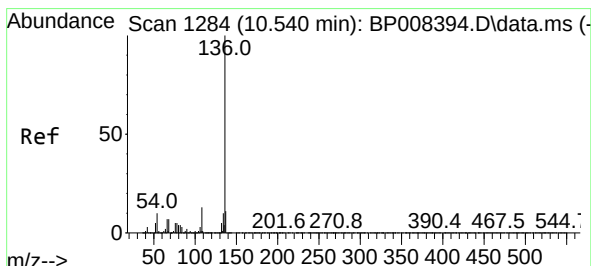
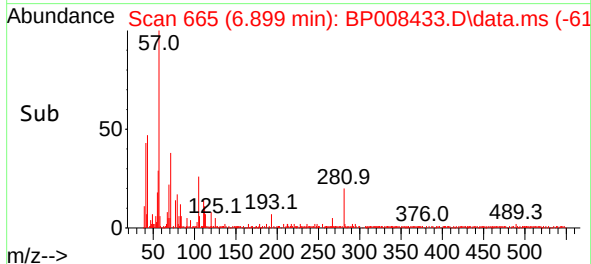
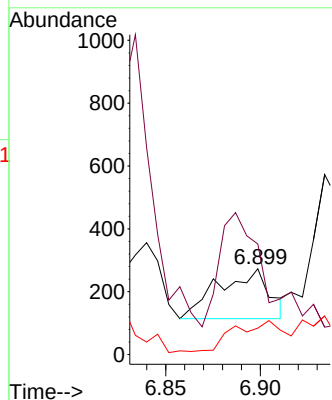
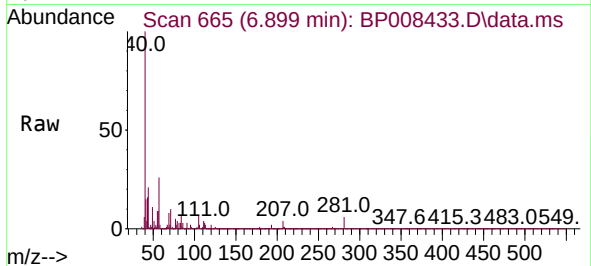




#9
Benzaldehyde
Concen: Below Cal
RT: 6.899 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

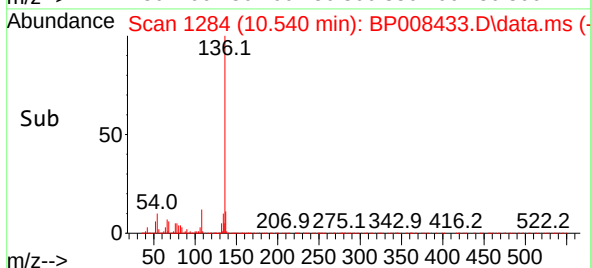
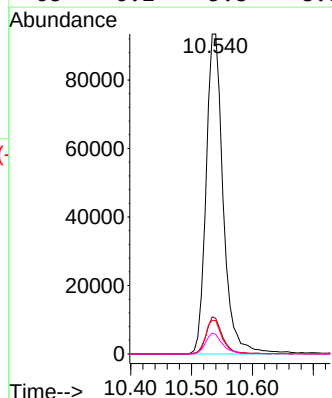
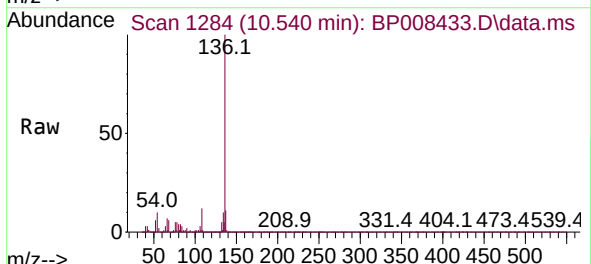
Instrument :
BNA_P
ClientSampleId :
TP6

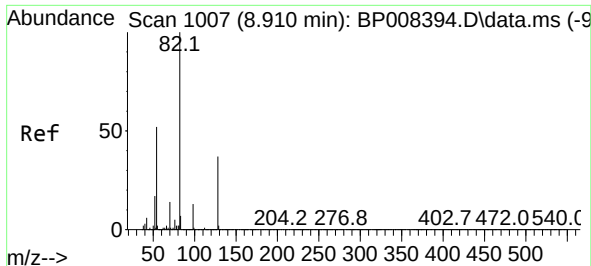
Tgt Ion: 77 Resp: 296
Ion Ratio Lower Upper
77 100
105 128.9 71.8 111.8#
106 30.8 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

Tgt Ion: 136 Resp: 182168
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 10.5 8.2 12.4
68 6.2 5.8 8.8

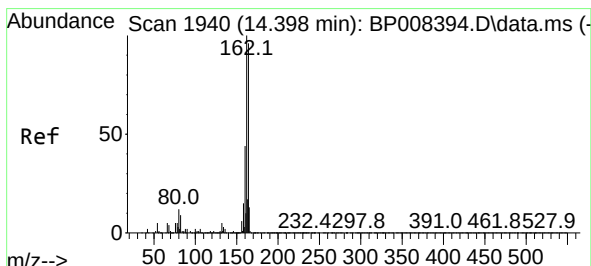
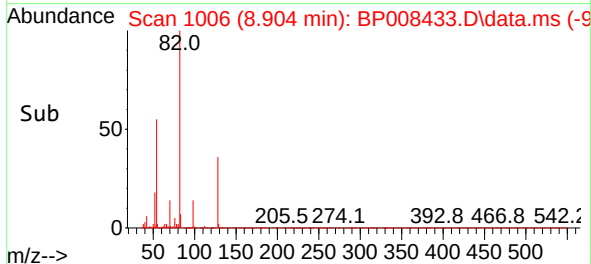
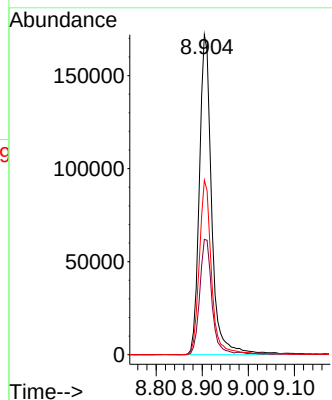
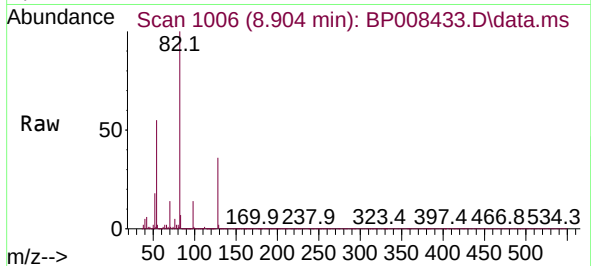




#23
Nitrobenzene-d5
Concen: 74.327 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

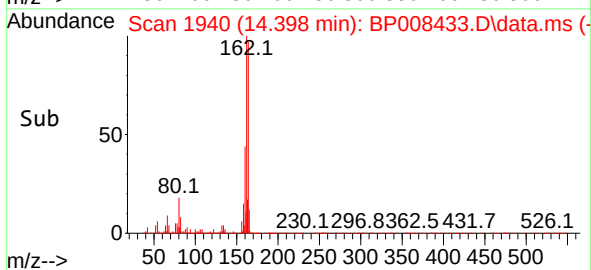
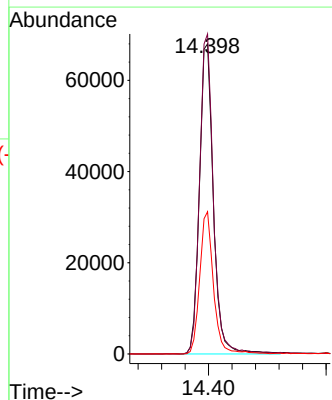
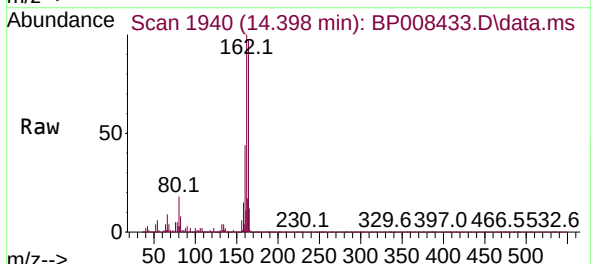
Instrument :
BNA_P
ClientSampleId :
TP6

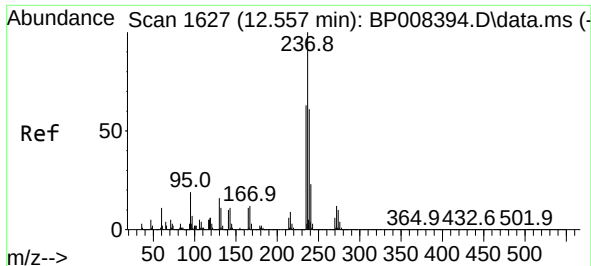
Tgt Ion: 82 Resp: 319606
Ion Ratio Lower Upper
82 100
128 36.1 29.6 44.4
54 54.5 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

Tgt Ion: 164 Resp: 111993
Ion Ratio Lower Upper
164 100
162 103.2 81.9 122.9
160 45.9 35.4 53.0

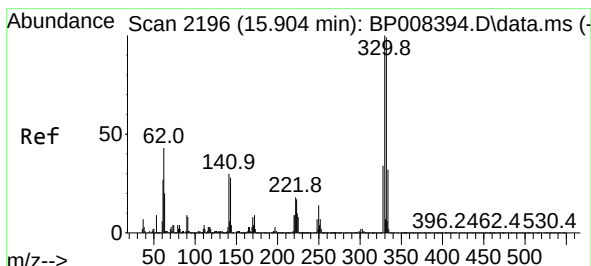
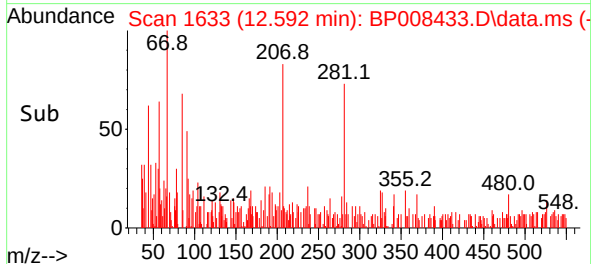
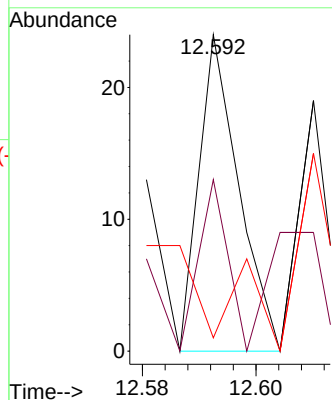
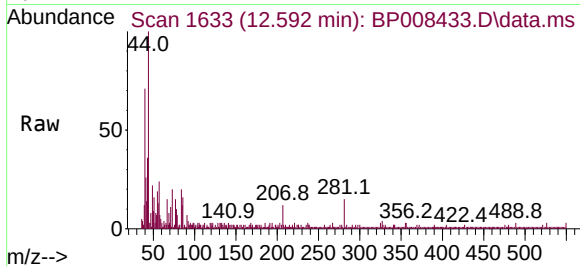




#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.592 min Scan# 1633
Delta R.T. 0.035 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

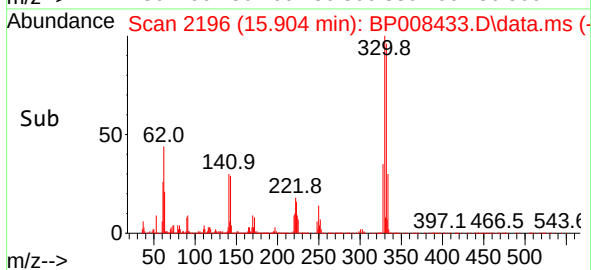
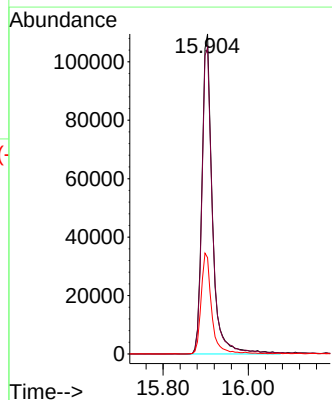
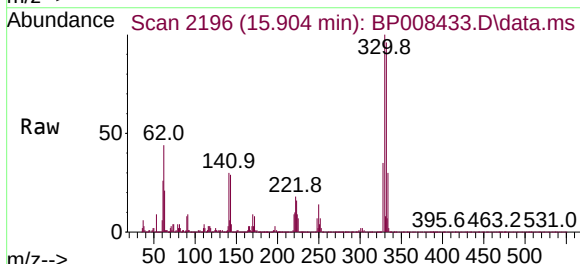
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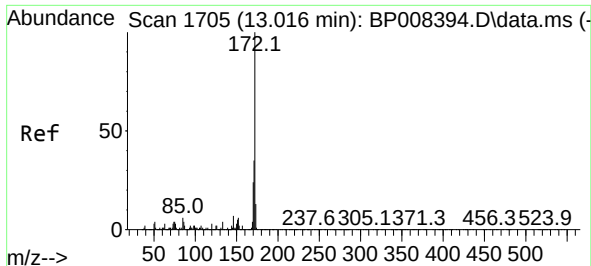
Tgt Ion:	237	Resp:	12
Ion	Ratio	Lower	Upper
237	100		
235	54.2	42.3	82.3
272	4.2	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 113.007 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

Tgt Ion:	330	Resp:	185989
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.4
141	31.4	28.4	42.6

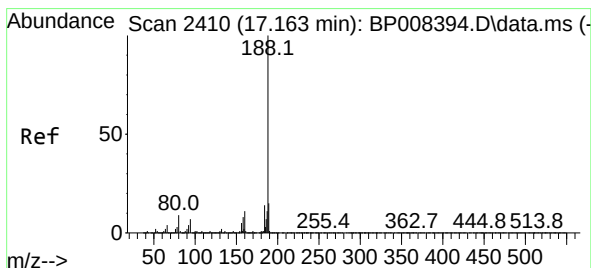
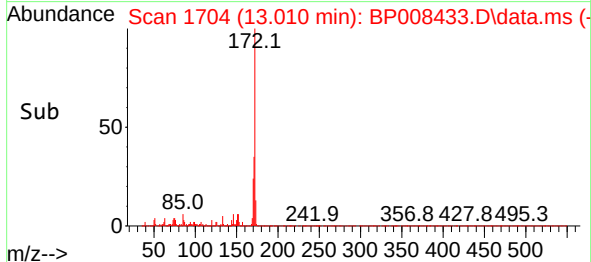
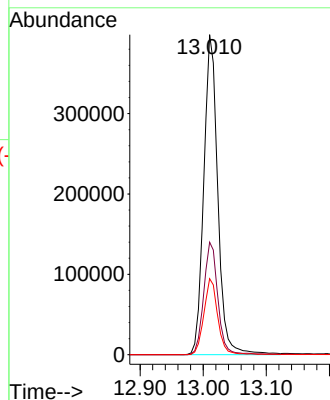
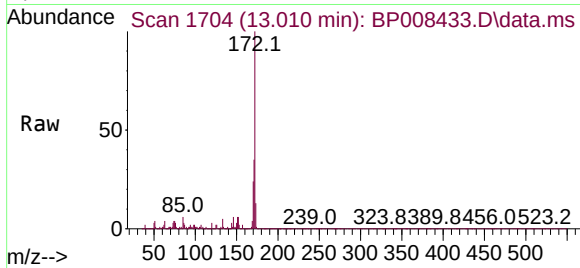




#45
2-Fluorobiphenyl
Concen: 69.909 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

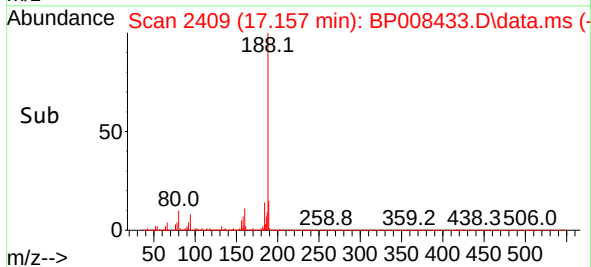
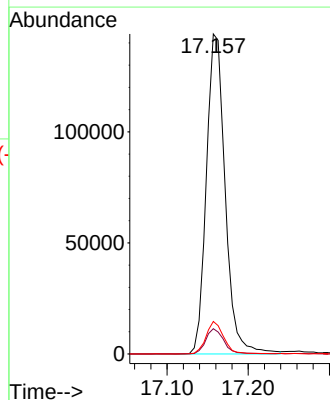
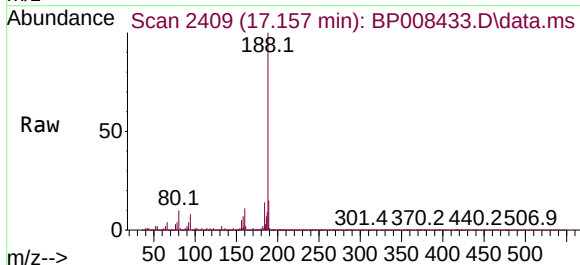
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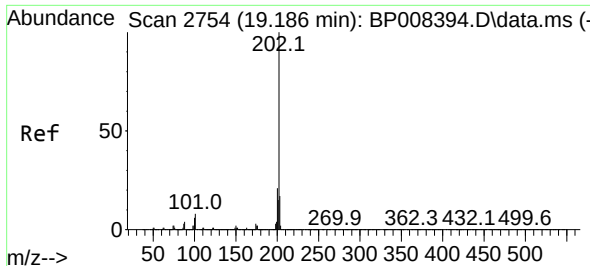
Tgt Ion:172 Resp: 615901
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.7 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

Tgt Ion:188 Resp: 232149
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 10.1 8.2 12.4

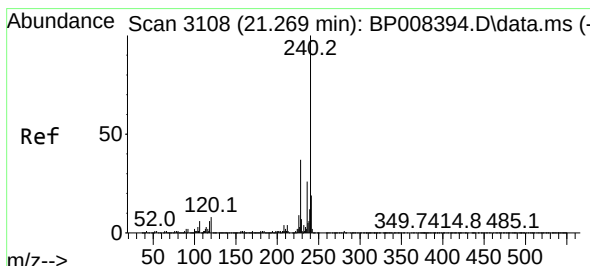
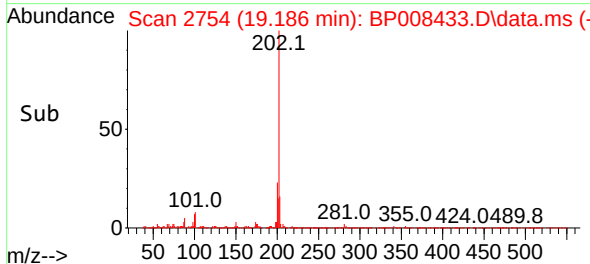
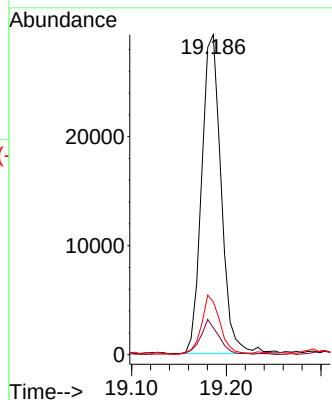
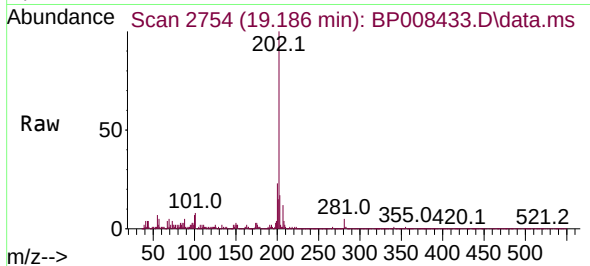




#75
Fluoranthene
Concen: 2.954 ng
RT: 19.186 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

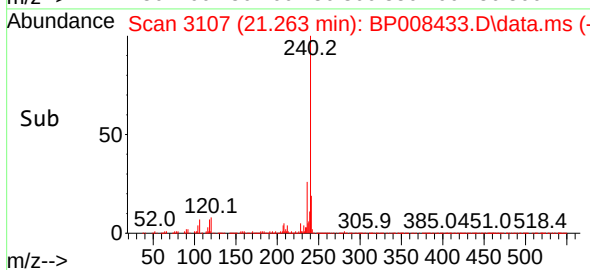
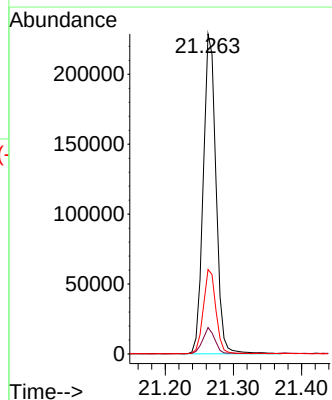
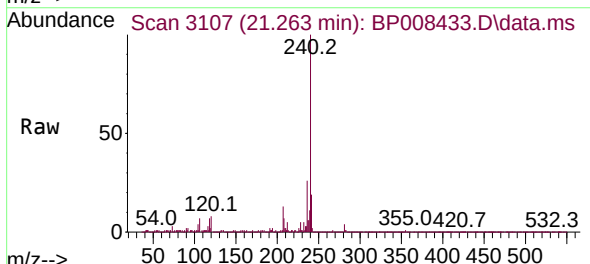
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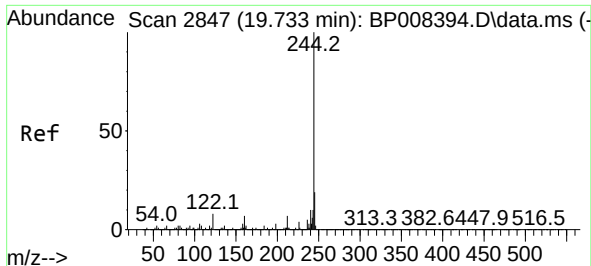
Tgt Ion:	202	Resp:	41933
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	29.8
203	16.5	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP008433.D
Acq: 16 Dec 2021 02:16

Tgt Ion:	240	Resp:	297118
Ion Ratio	Lower	Upper	
240	100		
120	8.3	7.3	10.9
236	26.4	21.4	32.2

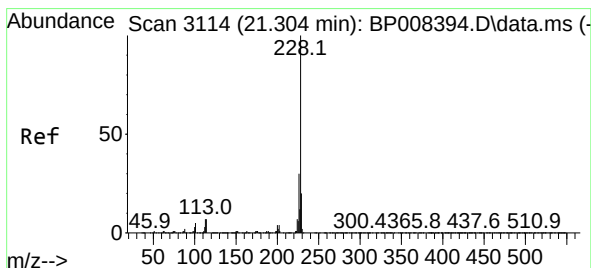
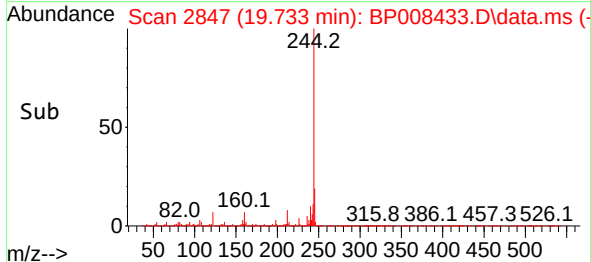
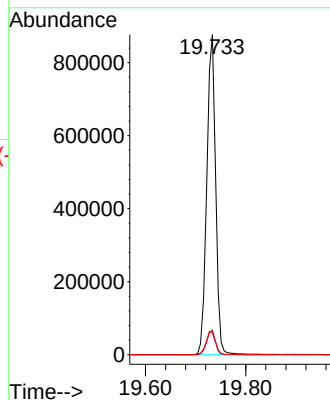
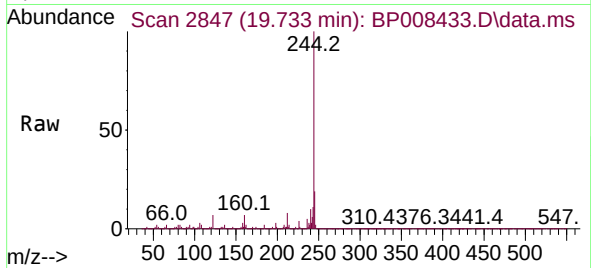




#79
 Terphenyl-d14
 Concen: 63.243 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP008433.D
 Acq: 16 Dec 2021 02:16

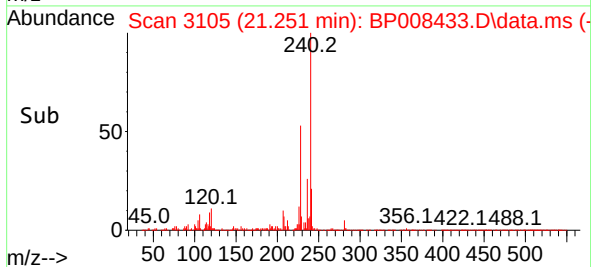
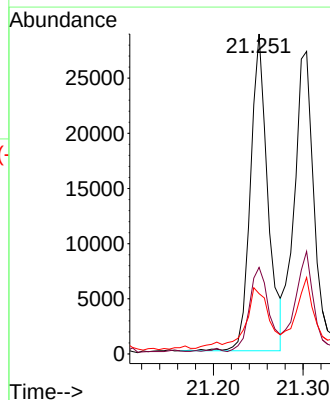
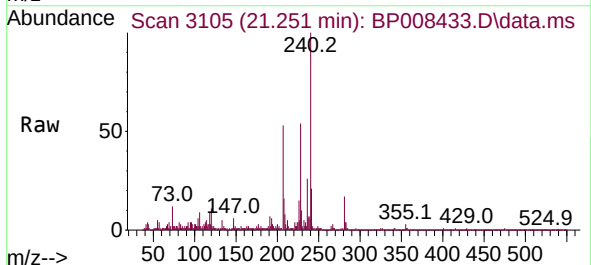
Instrument :
 BNA_P
 ClientSampleId :
 TP6

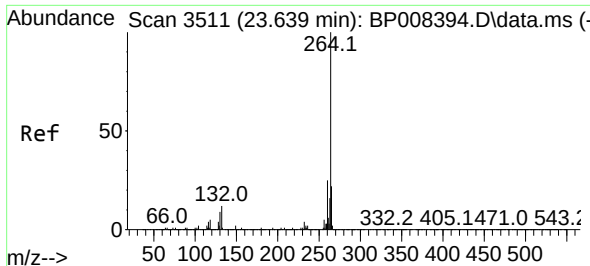
Tgt Ion:244 Resp: 1079687
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 6.8 6.6 9.8



#83
 Chrysene
 Concen: 2.026 ng
 RT: 21.251 min Scan# 3105
 Delta R.T. -0.053 min
 Lab File: BP008433.D
 Acq: 16 Dec 2021 02:16

Tgt Ion:228 Resp: 38539
 Ion Ratio Lower Upper
 228 100
 226 27.1 24.0 36.0
 229 18.9 15.8 23.8

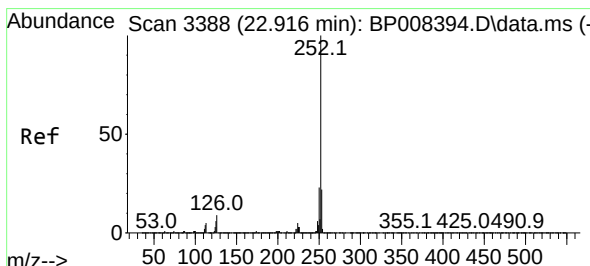
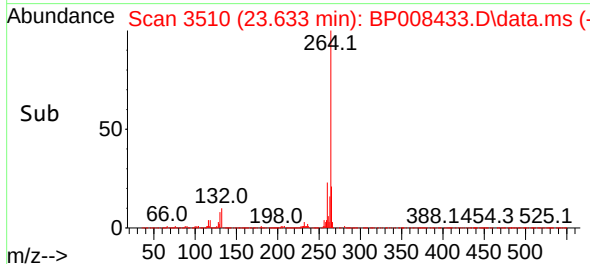
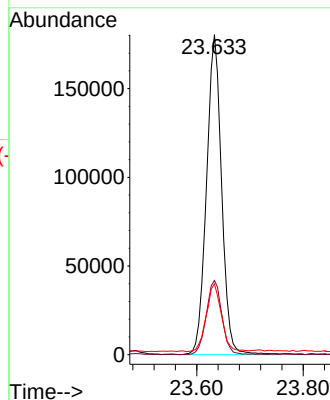
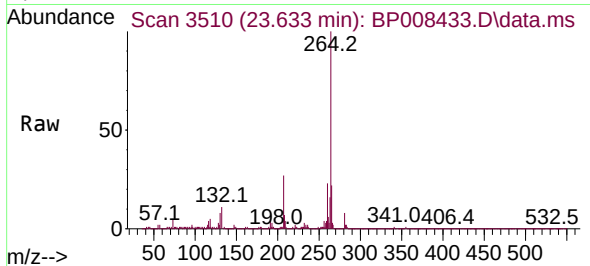




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.633 min Scan# 3511
 Delta R.T. -0.006 min
 Lab File: BP008433.D
 Acq: 16 Dec 2021 02:16

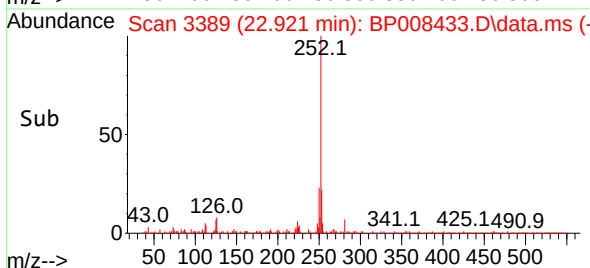
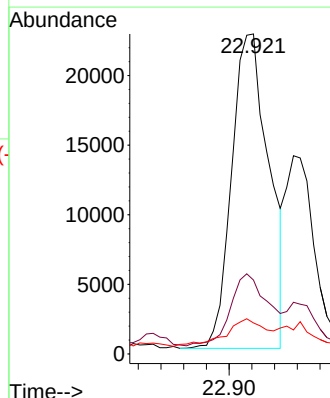
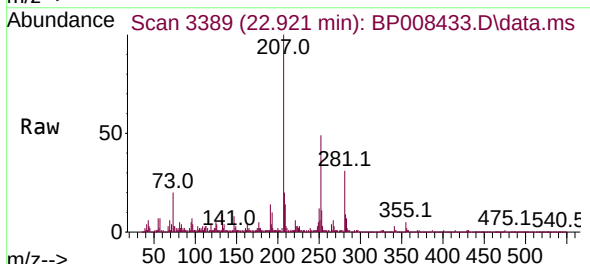
Instrument :
 BNA_P
 ClientSampleId :
 TP6

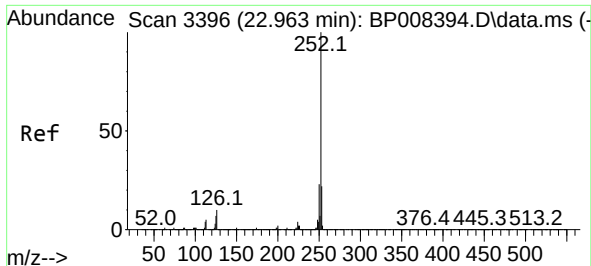
Tgt Ion:264 Resp: 355448
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 22.2 17.6 26.4



#88
 Benzo(b)fluoranthene
 Concen: 2.406 ng
 RT: 22.921 min Scan# 3389
 Delta R.T. 0.006 min
 Lab File: BP008433.D
 Acq: 16 Dec 2021 02:16

Tgt Ion:252 Resp: 51452
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.7 26.5
 125 9.7 6.2 9.4#





#89
 Benzo(k)fluoranthene
 Concen: 2.386 ng
 RT: 22.921 min Scan# 31
 Delta R.T. -0.041 min
 Lab File: BP008433.D
 Acq: 16 Dec 2021 02:16

Instrument :
 BNA_P
 ClientSampleId :
 TP6

Tgt Ion:252 Resp: 51452
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.3 25.9
 125 9.7 6.5 9.7

