

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
 Data File : BP008383.D
 Acq On : 13 Dec 2021 18:59
 Operator : CG/JU
 Sample : M4990-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 R2-COMP

Quant Time: Dec 14 02:20:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

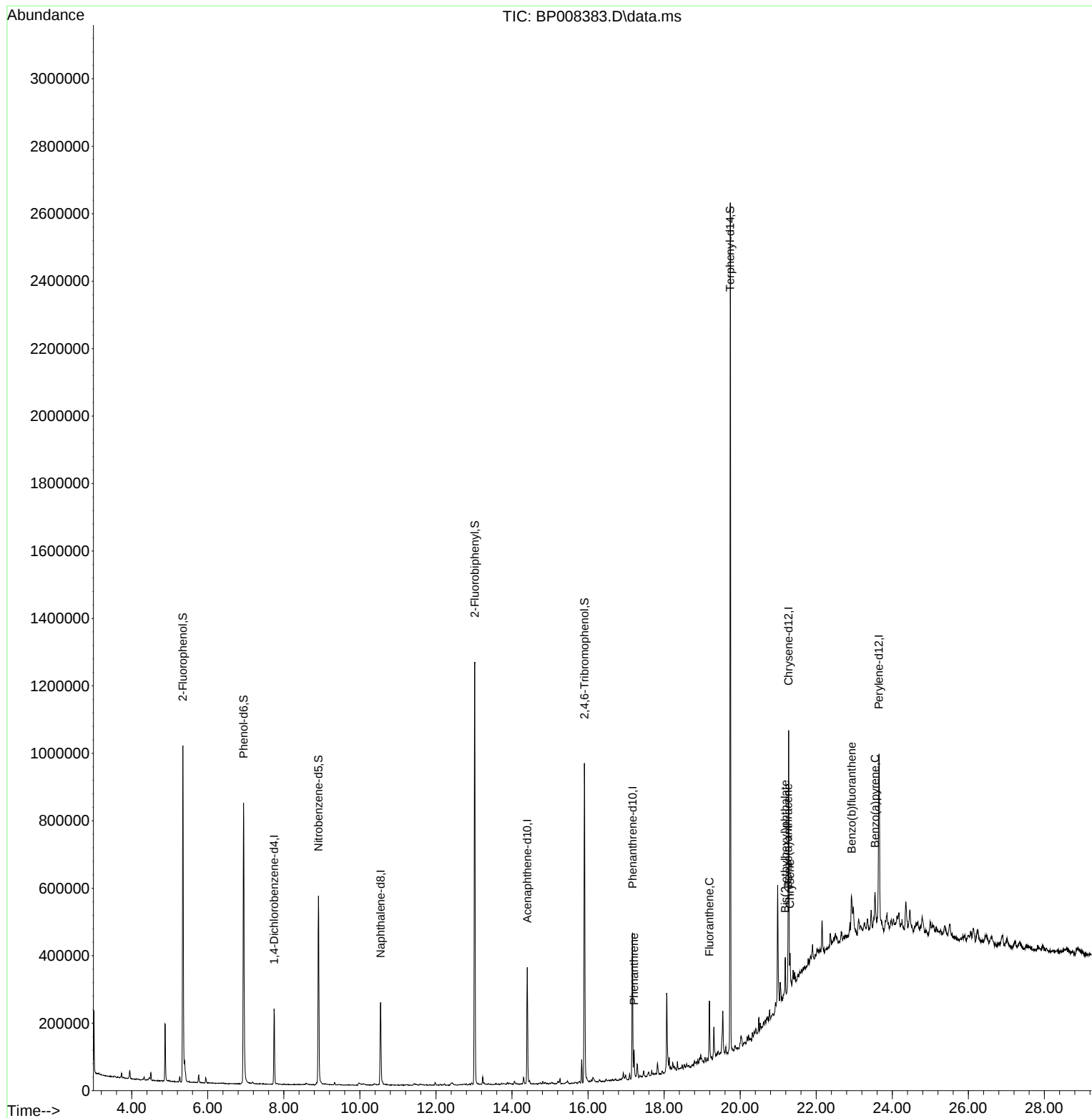
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	57310	20.000	ng	-0.02
21) Naphthalene-d8	10.546	136	198924	20.000	ng	-0.01
39) Acenaphthene-d10	14.404	164	120728	20.000	ng	-0.01
64) Phenanthrene-d10	17.169	188	262347	20.000	ng	-0.01
76) Chrysene-d12	21.274	240	342478	20.000	ng	-0.01
86) Perylene-d12	23.651	264	389109	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	398233	111.881	ng	-0.01
7) Phenol-d6	6.940	99	489670	101.909	ng	-0.01
23) Nitrobenzene-d5	8.910	82	336933	77.021	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	187772	121.684	ng	-0.01
45) 2-Fluorobiphenyl	13.022	172	646893	77.831	ng	-0.01
79) Terphenyl-d14	19.739	244	1138282	69.462	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.881	77	180	Below Cal	#	44
71) Phenanthrene	17.210	178	49415	3.568	ng	98
75) Fluoranthene	19.192	202	78403	4.202	ng	99
81) Benzo(a)anthracene	21.257	228	57818	2.547	ng	96
83) Chrysene	21.310	228	60615	2.806	ng	95
84) Bis(2-ethylhexyl)phtha...	21.186	149	34255	2.313	ng	96
88) Benzo(b)fluoranthene	22.933	252	86141	3.672	ng	# 91
90) Benzo(a)pyrene	23.545	252	57236	2.855	ng	# 91

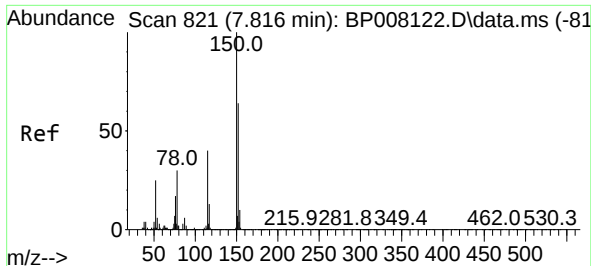
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
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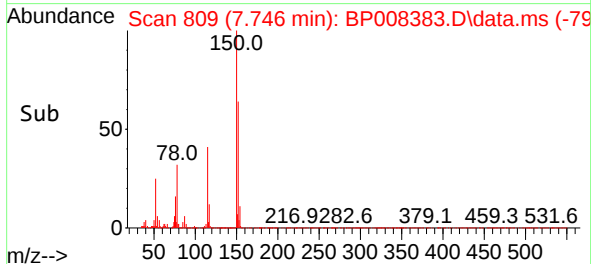
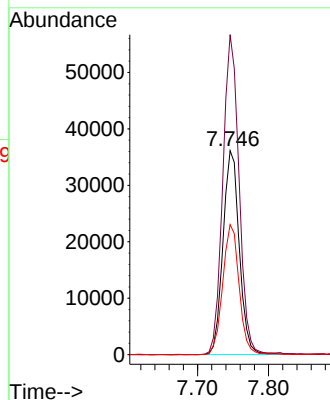
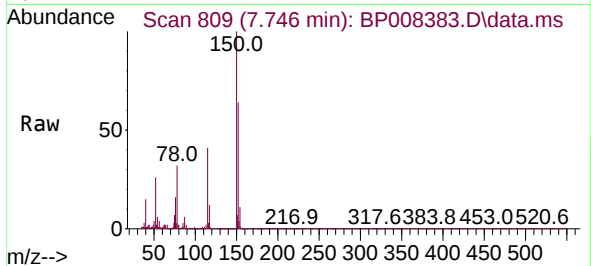




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

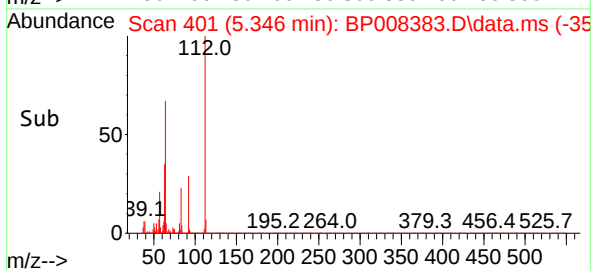
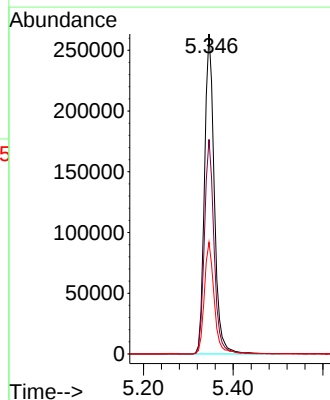
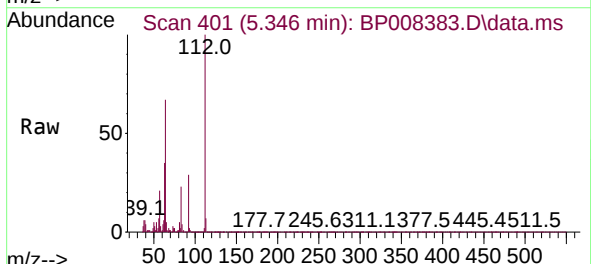
Instrument :
BNA_P
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R2-COMP

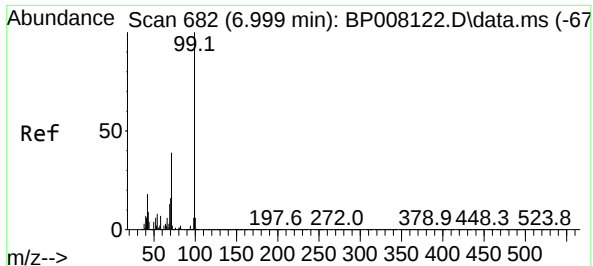
Tgt Ion:152 Resp: 57310
Ion Ratio Lower Upper
152 100
150 156.9 125.7 188.5
115 63.7 50.7 76.1



#5
2-Fluorophenol
Concen: 111.881 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:112 Resp: 398233
Ion Ratio Lower Upper
112 100
64 67.1 53.4 80.2
63 34.9 27.8 41.8

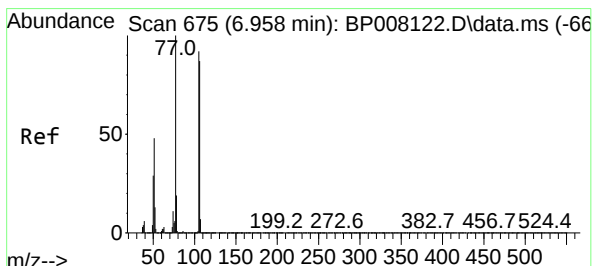
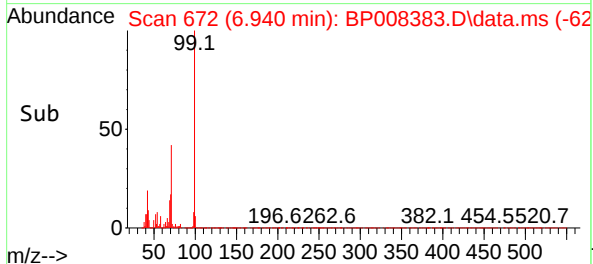
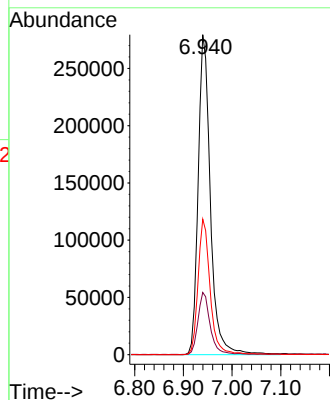
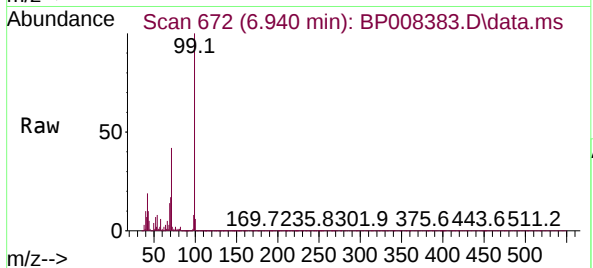




#7
Phenol-d6
Concen: 101.909 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

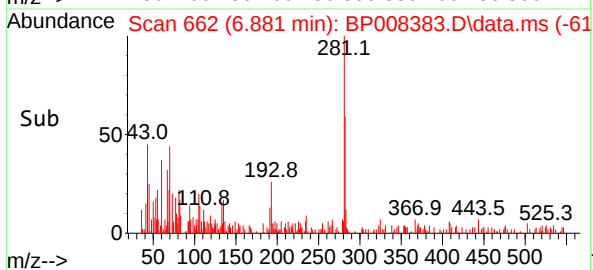
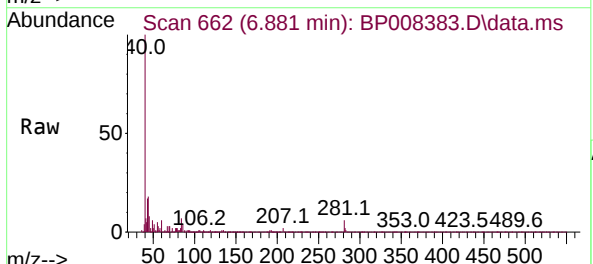
Instrument :
BNA_P
ClientSampleId :
R2-COMP

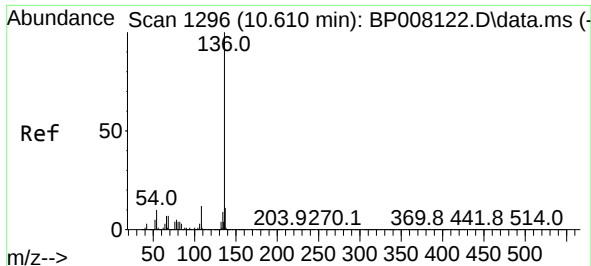
Tgt Ion: 99 Resp: 489670
Ion Ratio Lower Upper
99 100
42 19.5 14.6 22.0
71 42.4 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.881 min Scan# 662
Delta R.T. -0.029 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion: 77 Resp: 180
Ion Ratio Lower Upper
77 100
105 36.3 71.8 111.8#
106 38.2 67.3 107.3#

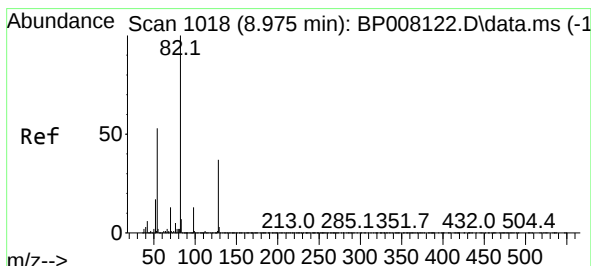
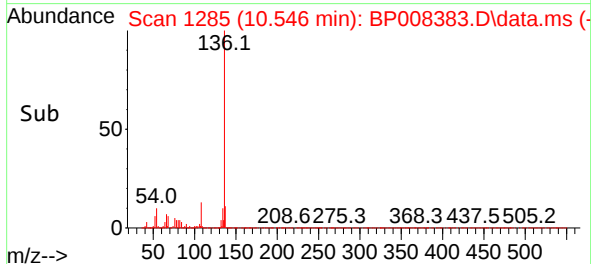
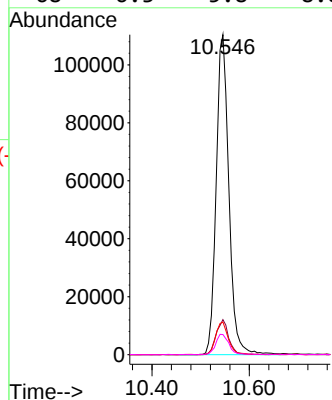
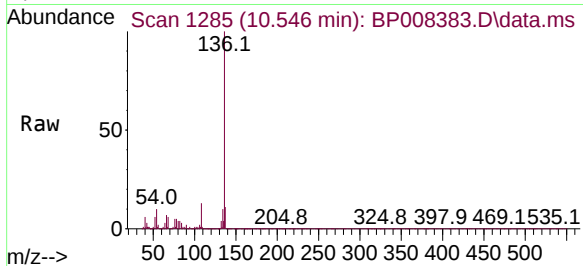




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

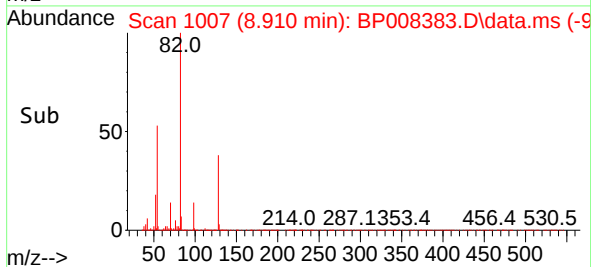
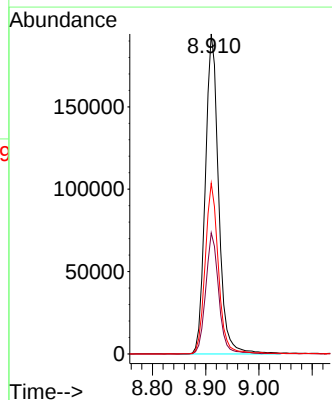
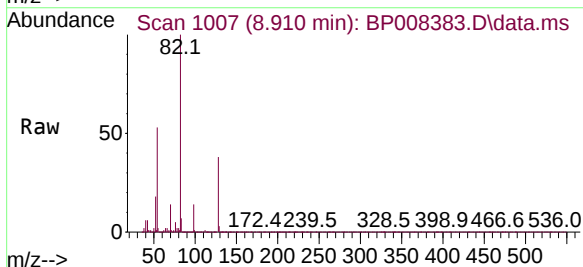
Instrument :
BNA_P
ClientSampleId :
R2-COMP

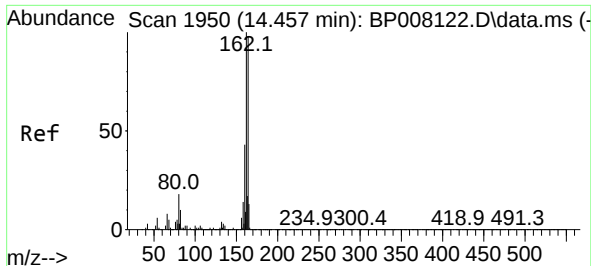
Tgt Ion:	136	Resp:	198924
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.2	8.2	12.4
68	6.3	5.8	8.8



#23
Nitrobenzene-d5
Concen: 77.021 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:	82	Resp:	336933
Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.6	44.4
54	53.4	42.7	64.1

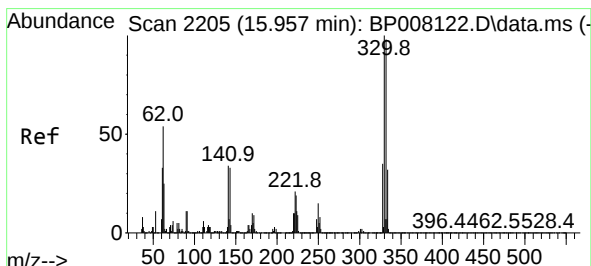
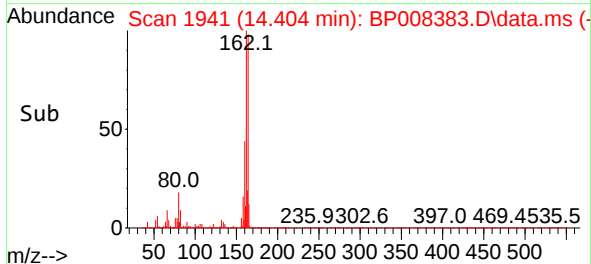
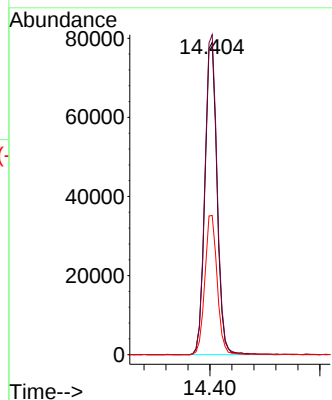
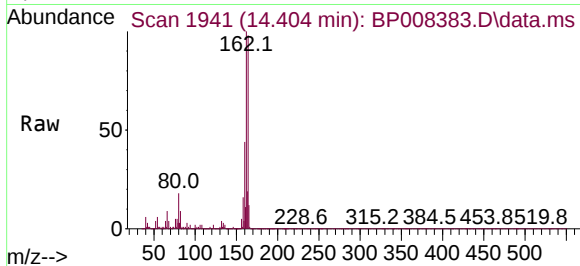




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

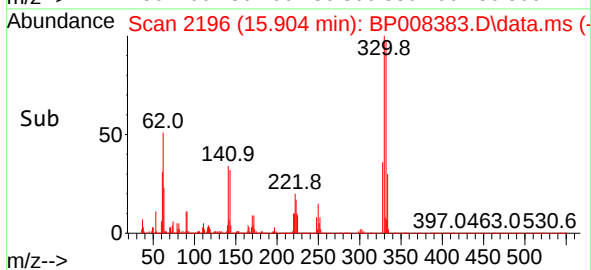
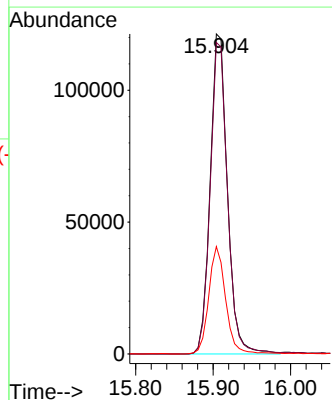
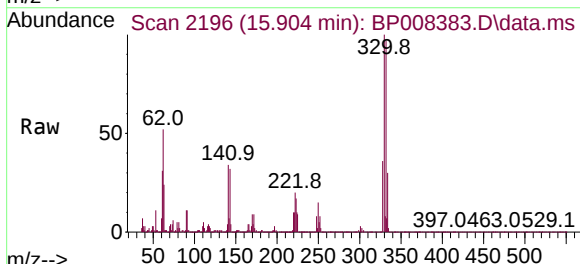
Instrument :
BNA_P
ClientSampleId :
R2-COMP

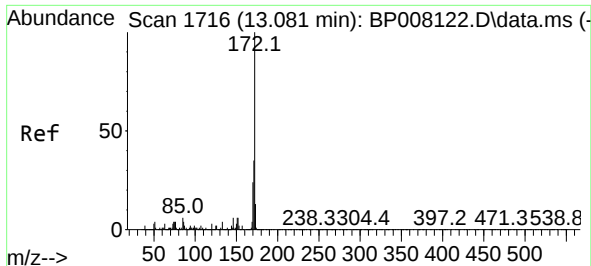
Tgt Ion:164 Resp: 120728
Ion Ratio Lower Upper
164 100
162 102.5 81.9 122.9
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 121.684 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:330 Resp: 187772
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 32.9 28.4 42.6

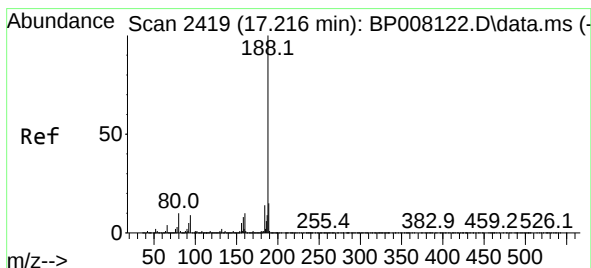
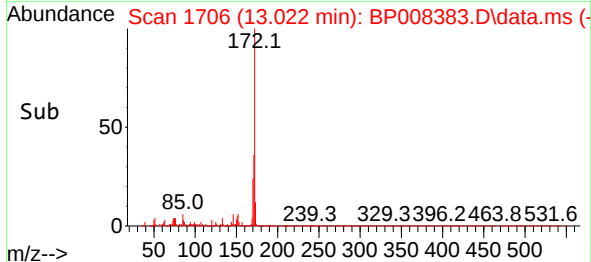
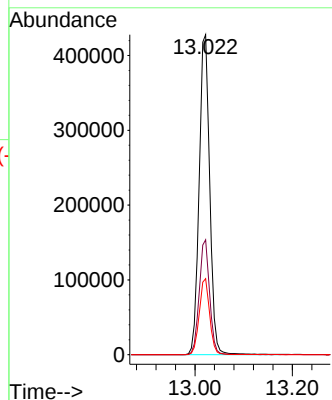
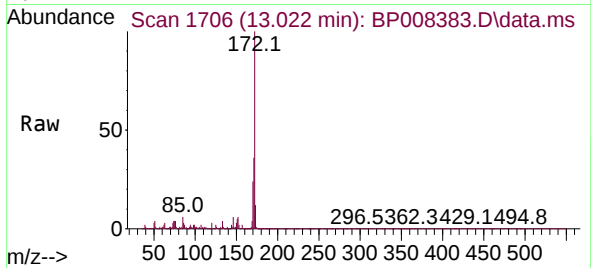




#45
2-Fluorobiphenyl
Concen: 77.831 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

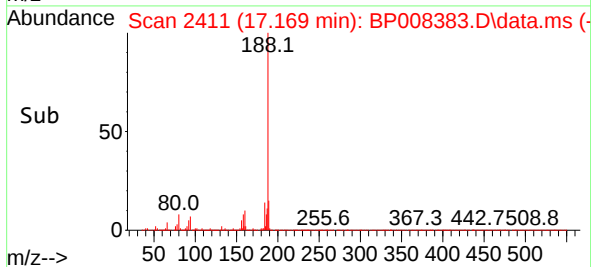
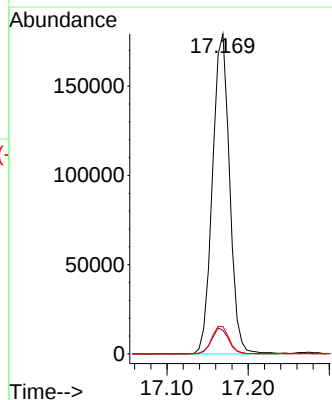
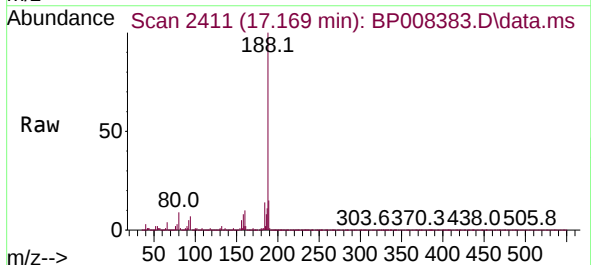
Instrument :
BNA_P
ClientSampleId :
R2-COMP

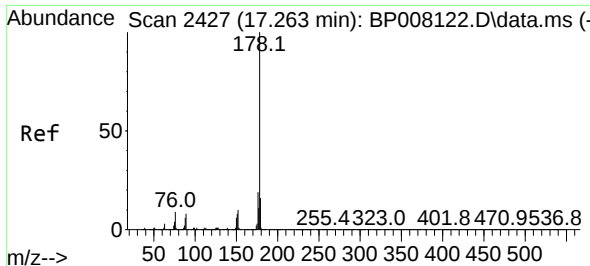
Tgt Ion:172 Resp: 646893
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 23.8 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:188 Resp: 262347
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 8.5 8.2 12.4

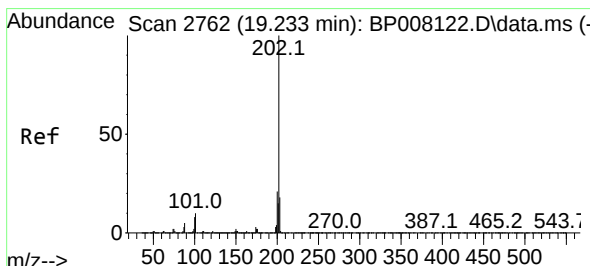
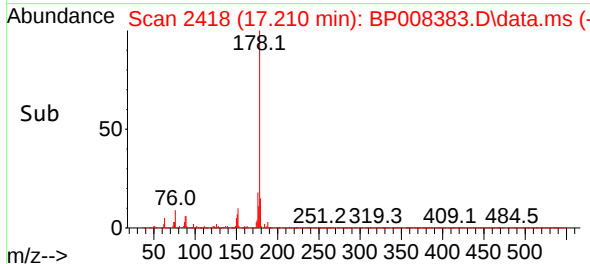
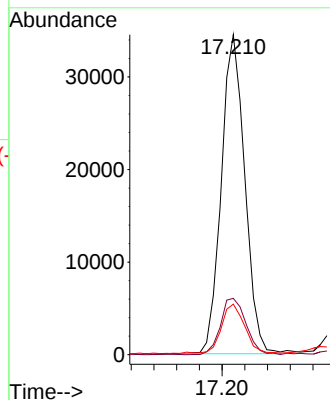
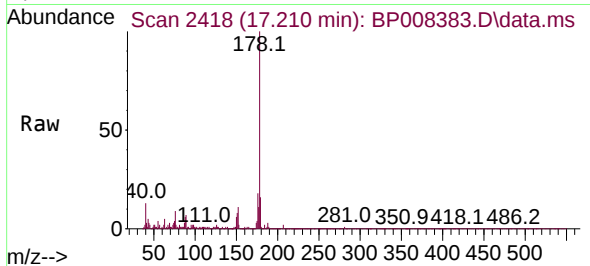




#71
Phenanthrene
Concen: 3.568 ng
RT: 17.210 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

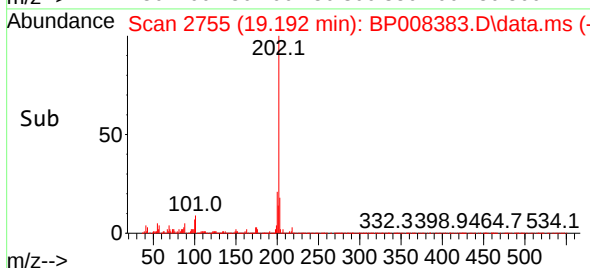
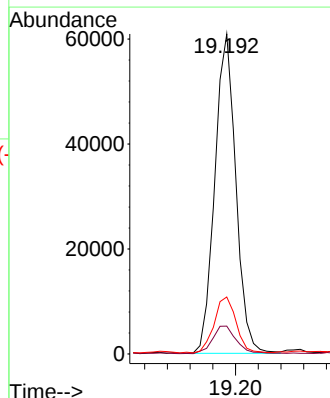
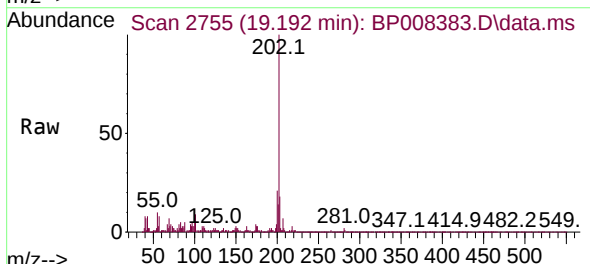
Instrument :
BNA_P
ClientSampleId :
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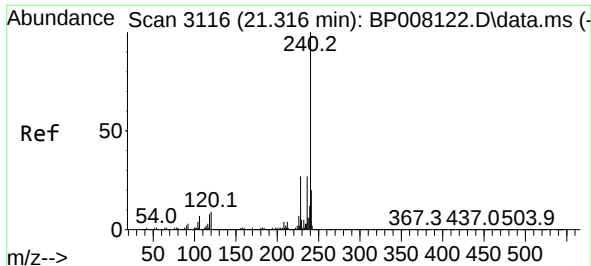
Tgt Ion:	178	Resp:	49415
Ion Ratio	Lower	Upper	
178	100		
176	17.6	15.3	22.9
179	15.8	12.5	18.7



#75
Fluoranthene
Concen: 4.202 ng
RT: 19.192 min Scan# 2755
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:	202	Resp:	78403
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	29.8
203	17.8	0.0	37.7

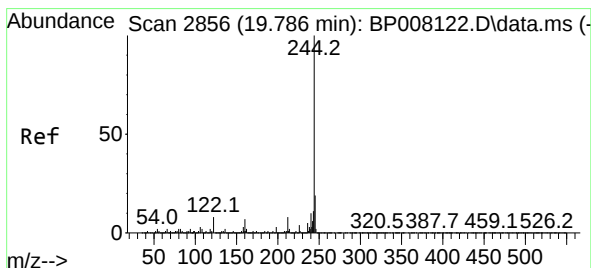
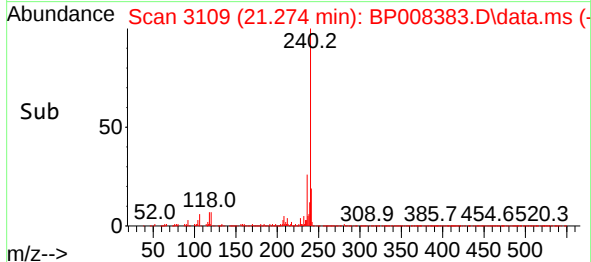
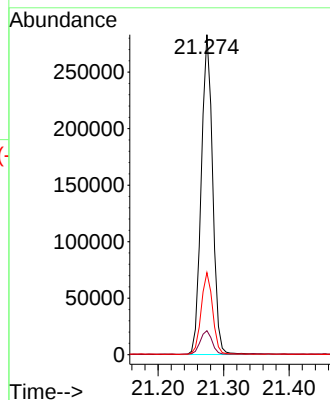
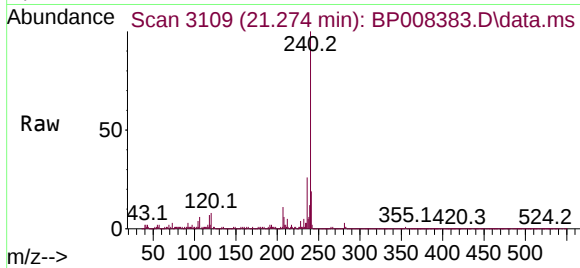




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

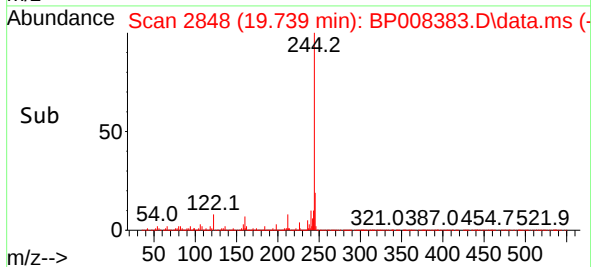
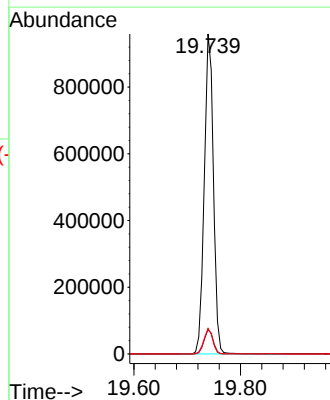
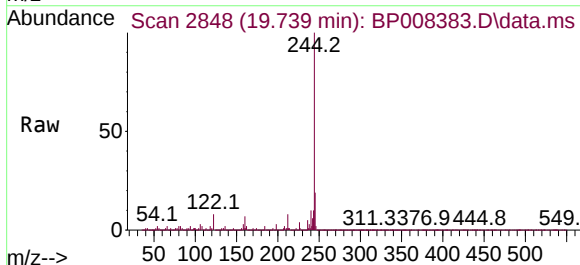
Instrument :
BNA_P
ClientSampleId :
R2-COMP

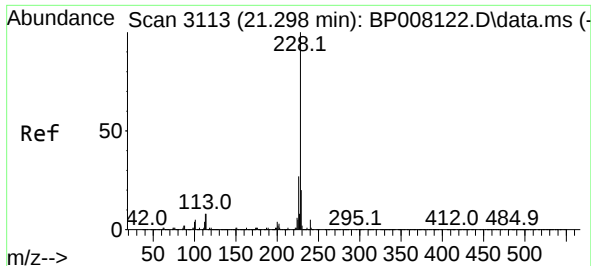
Tgt Ion:240 Resp: 342478
Ion Ratio Lower Upper
240 100
120 7.5 7.3 10.9
236 25.7 21.4 32.2



#79
Terphenyl-d14
Concen: 69.462 ng
RT: 19.739 min Scan# 2848
Delta R.T. -0.018 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:244 Resp: 1138282
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 8.0 6.6 9.8

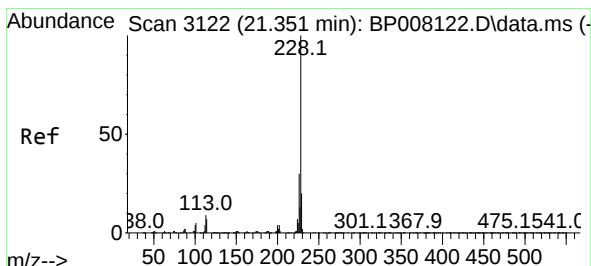
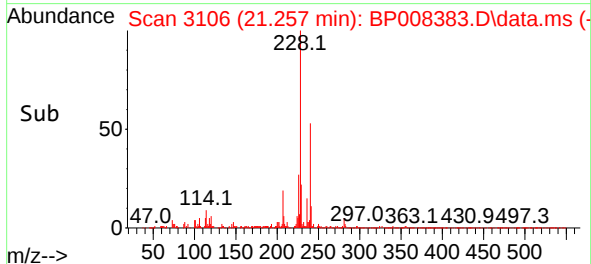
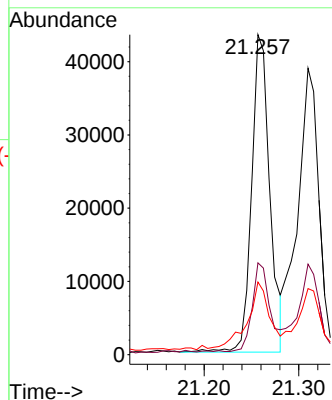
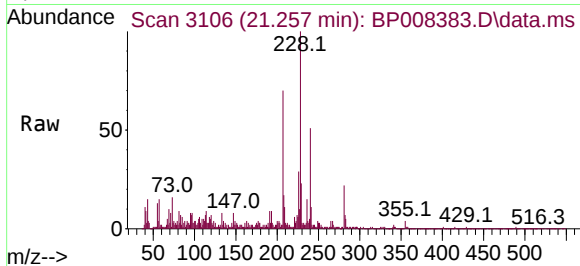




#81
Benzo(a)anthracene
Concen: 2.547 ng
RT: 21.257 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

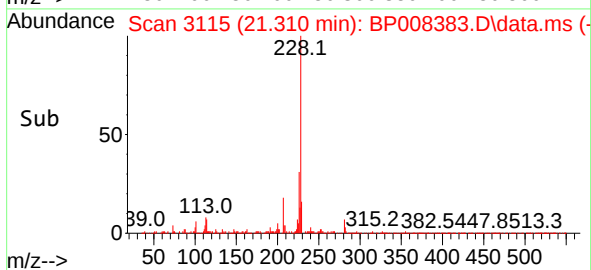
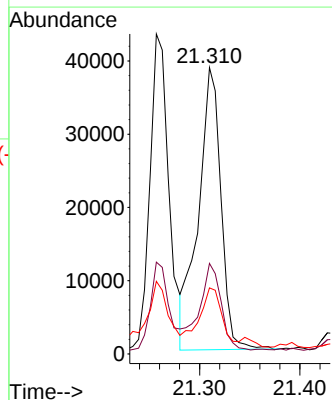
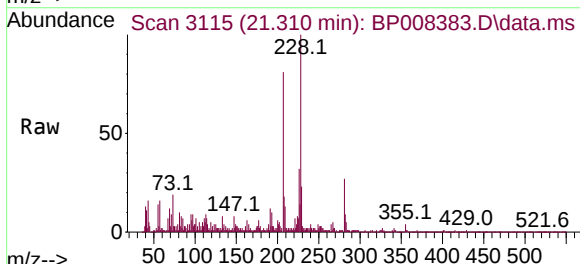
Instrument :
BNA_P
ClientSampleId :
R2-COMP

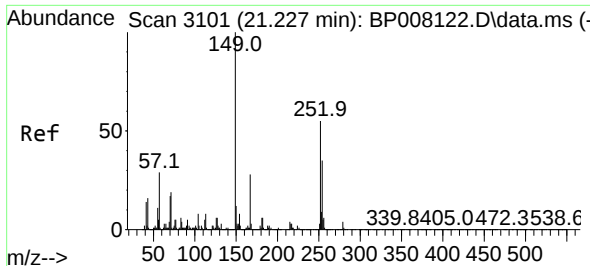
Tgt Ion:228 Resp: 57818
Ion Ratio Lower Upper
228 100
226 28.7 21.9 32.9
229 22.7 15.9 23.9



#83
Chrysene
Concen: 2.806 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.018 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:228 Resp: 60615
Ion Ratio Lower Upper
228 100
226 31.6 24.0 36.0
229 23.1 15.8 23.8

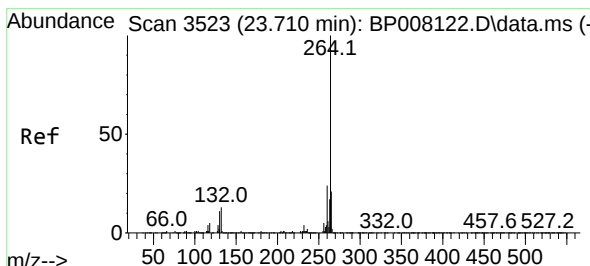
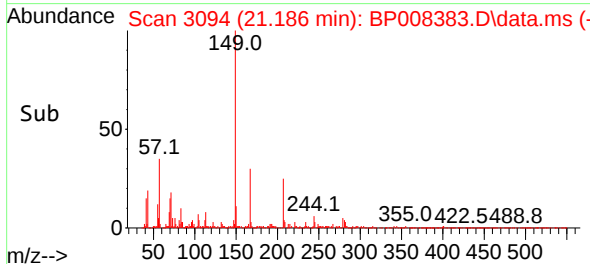
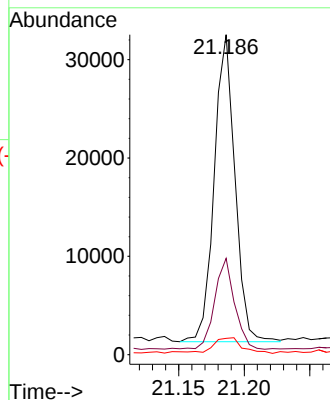
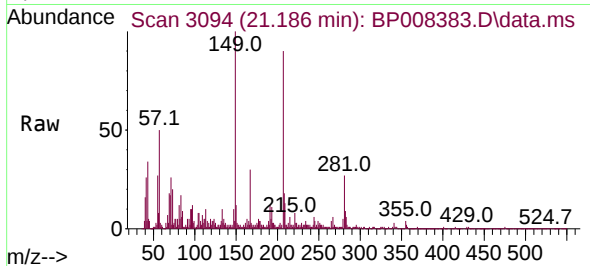




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.313 ng
 RT: 21.186 min Scan# 3094
 Delta R.T. -0.012 min
 Lab File: BP008383.D
 Acq: 13 Dec 2021 18:59

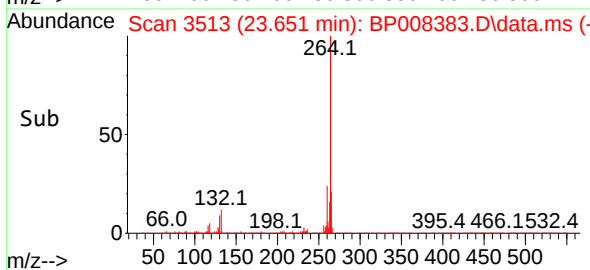
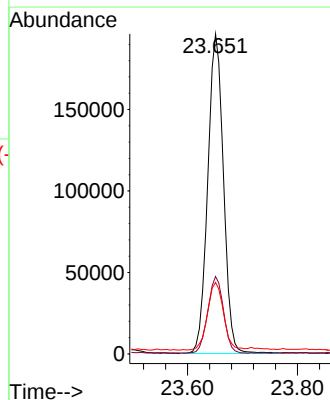
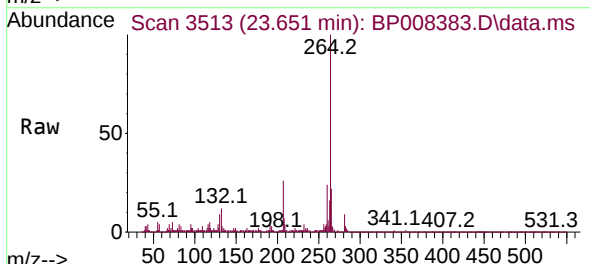
Instrument :
 BNA_P
 ClientSampleId :
 R2-COMP

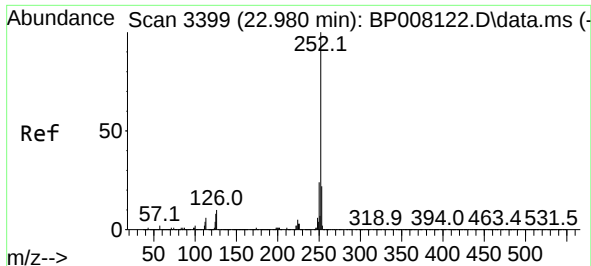
Tgt Ion:	149	Resp:	34255
Ion Ratio	Lower	Upper	
149	100		
167	30.1	22.5	33.7
279	5.1	3.5	5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.651 min Scan# 3513
 Delta R.T. -0.023 min
 Lab File: BP008383.D
 Acq: 13 Dec 2021 18:59

Tgt Ion:	264	Resp:	389109
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.4	29.2
265	22.4	17.6	26.4

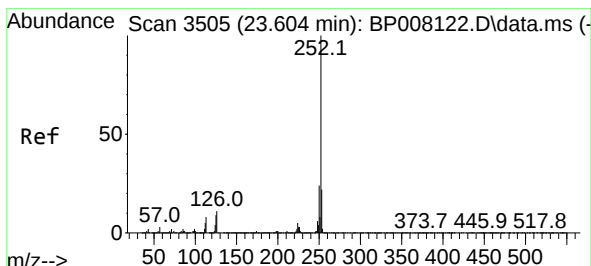
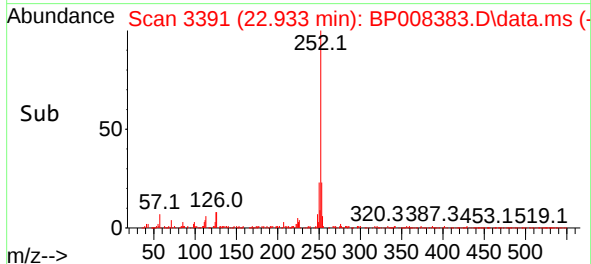
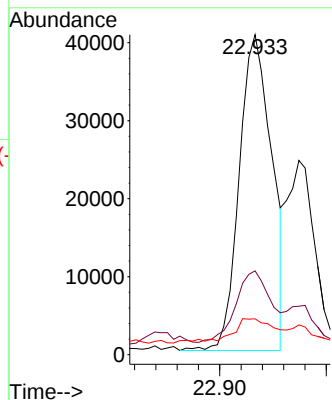
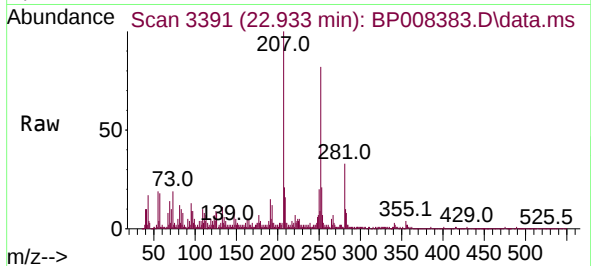




#88
Benzo(b)fluoranthene
Concen: 3.672 ng
RT: 22.933 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Instrument :
BNA_P
ClientSampleId :
R2-COMP

Tgt Ion:252 Resp: 86141
Ion Ratio Lower Upper
252 100
253 26.2 17.7 26.5
125 11.2 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 2.855 ng
RT: 23.545 min Scan# 3495
Delta R.T. -0.023 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:252 Resp: 57236
Ion Ratio Lower Upper
252 100
253 25.8 17.6 26.4
125 13.3 7.4 11.0#

