

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008254.D
 Acq On : 07 Dec 2021 17:10
 Operator : CG/JU
 Sample : PB141212BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141212BL

Quant Time: Dec 08 01:08:56 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)

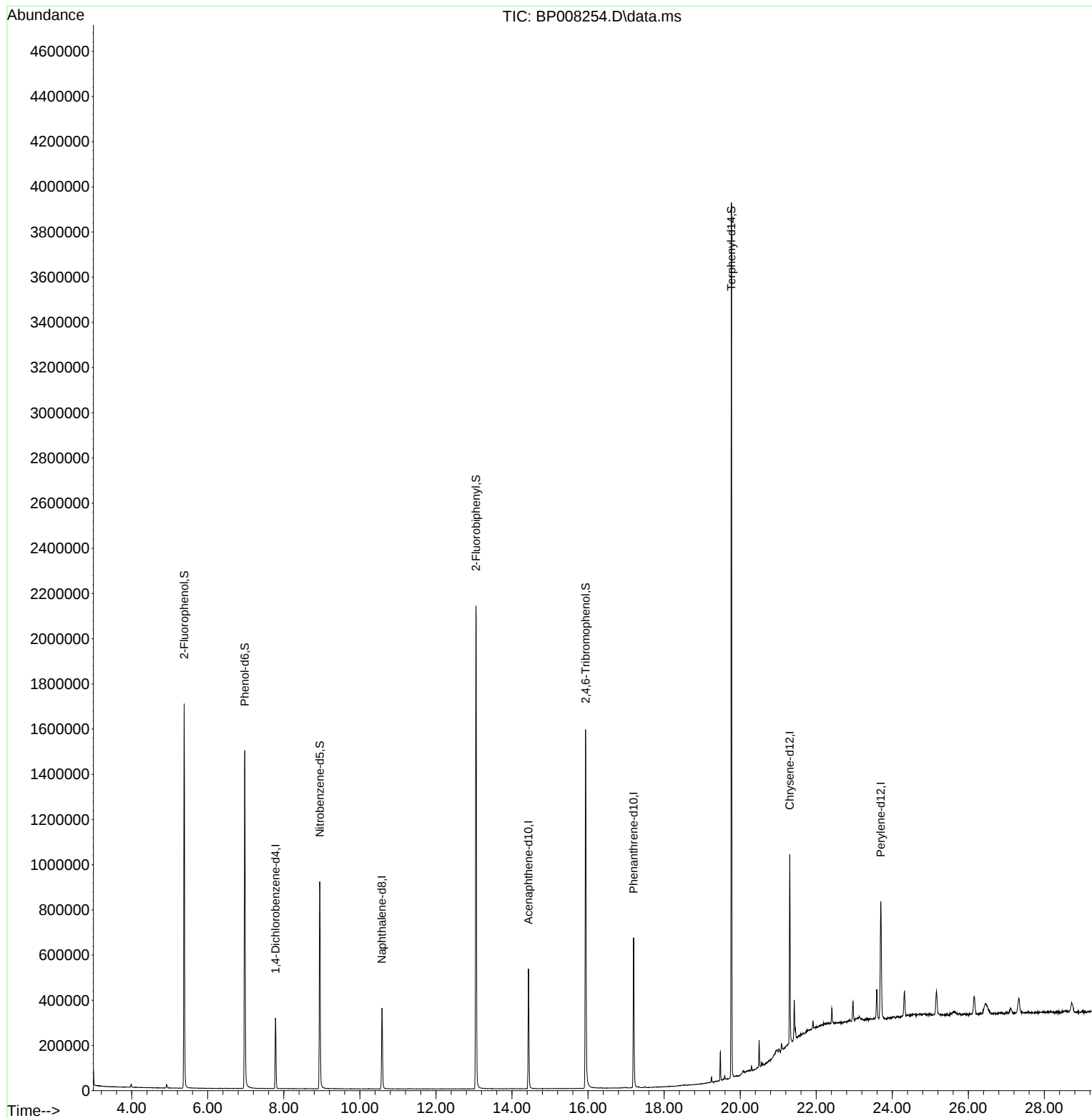
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	80032	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	292492	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	189500	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	409487	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	413937	20.000	ng	-0.01
86) Perylene-d12	23.698	264	433381	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	669623	134.716	ng	0.00
7) Phenol-d6	6.975	99	841475	125.406	ng	-0.01
23) Nitrobenzene-d5	8.946	82	558870	86.886	ng	-0.02
42) 2,4,6-Tribromophenol	15.939	330	326257	134.698	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	1122814	86.065	ng	-0.01
79) Terphenyl-d14	19.769	244	1818129	91.795	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.916	77	70	Below Cal	#	18
78) Pyrene	19.586	202	575	Below Cal	#	45

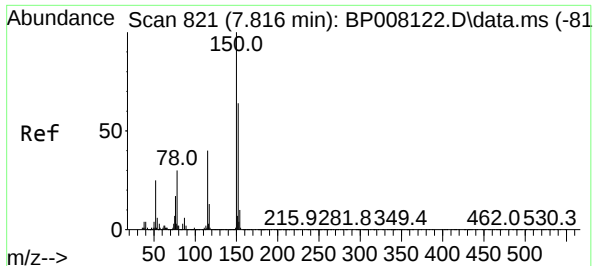
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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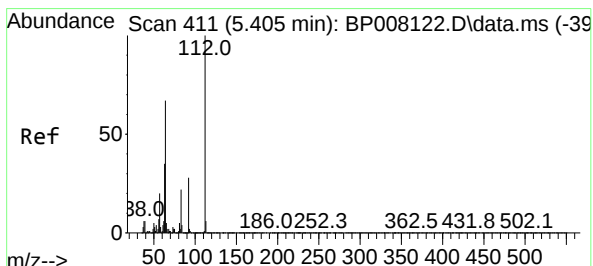
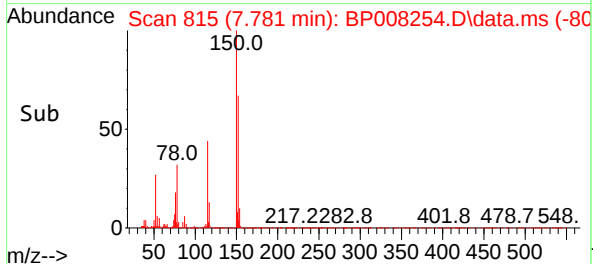
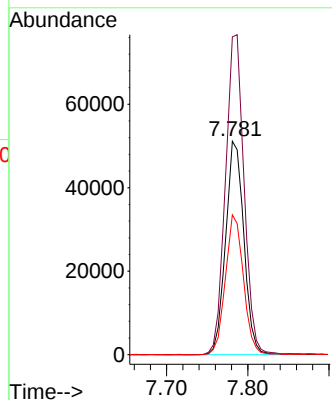
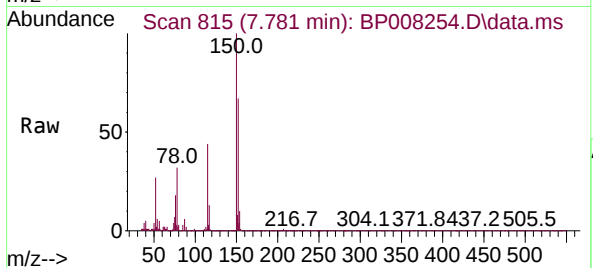




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008254.D
Acq: 07 Dec 2021 17:10

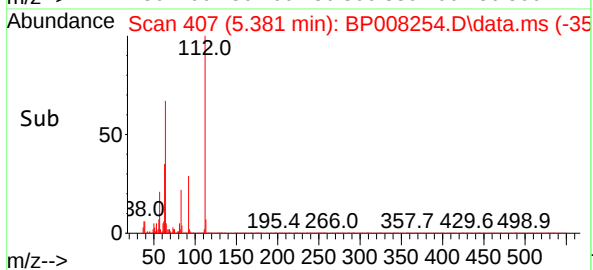
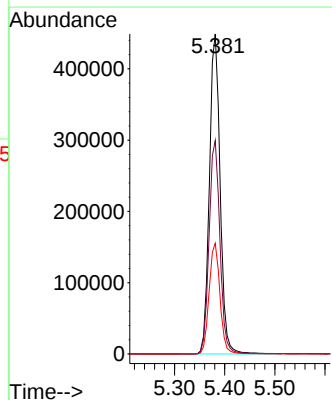
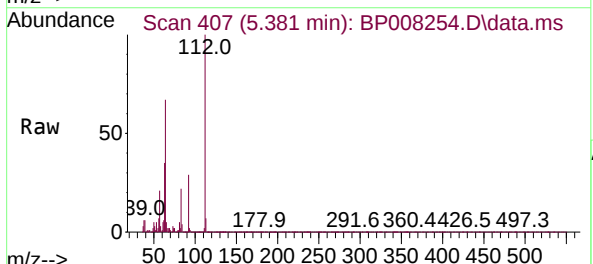
Instrument :
BNA_P
ClientSampleId :
PB141212BL

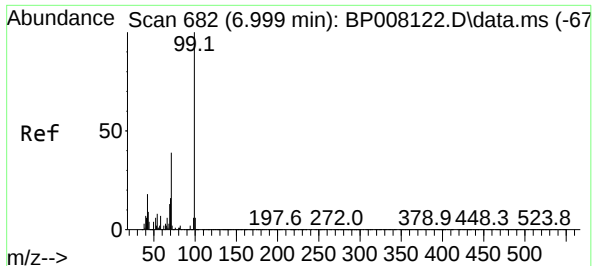
Tgt Ion:152 Resp: 80032
Ion Ratio Lower Upper
152 100
150 148.9 125.7 188.5
115 65.5 50.7 76.1



#5
2-Fluorophenol
Concen: 134.716 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008254.D
Acq: 07 Dec 2021 17:10

Tgt Ion:112 Resp: 669623
Ion Ratio Lower Upper
112 100
64 66.7 53.4 80.2
63 34.6 27.8 41.8

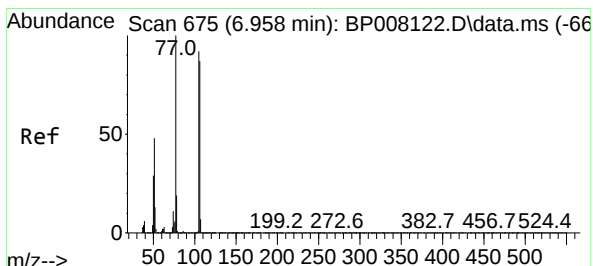
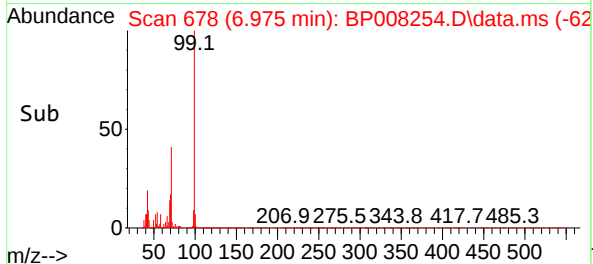
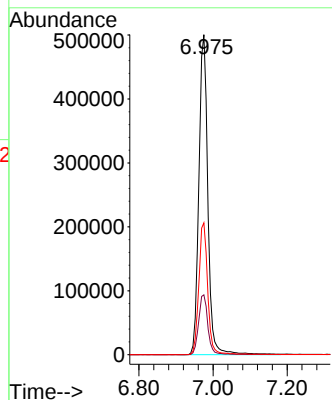
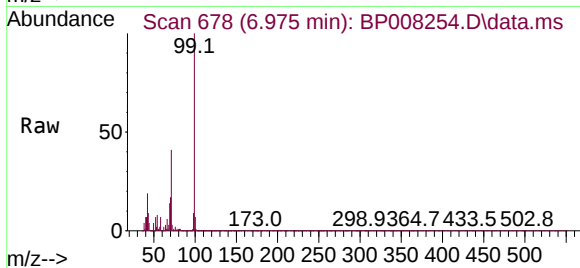




#7
Phenol-d6
Concen: 125.406 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008254.D
Acq: 07 Dec 2021 17:10

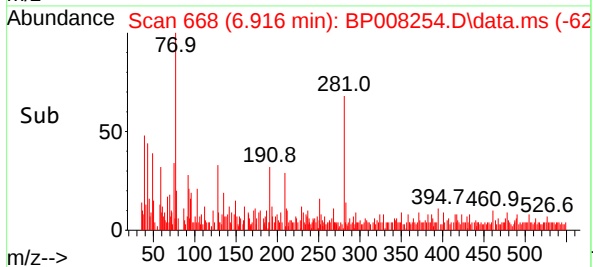
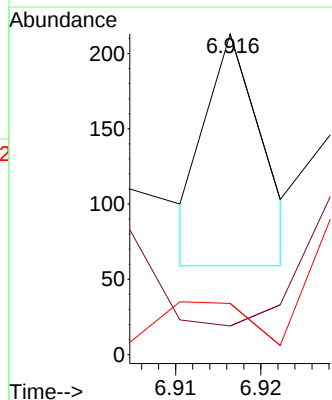
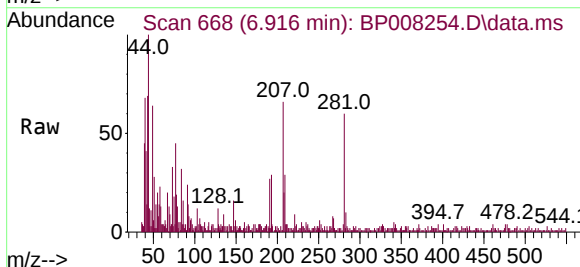
Instrument :
BNA_P
ClientSampleId :
PB141212BL

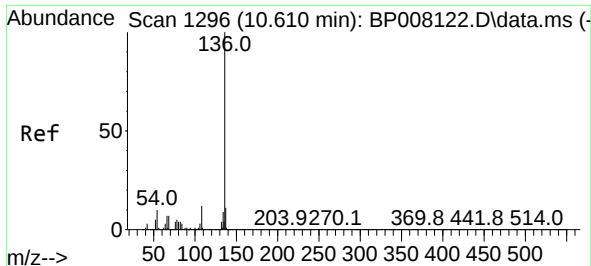
Tgt Ion: 99 Resp: 841475
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 41.2 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.916 min Scan# 668
Delta R.T. -0.024 min
Lab File: BP008254.D
Acq: 07 Dec 2021 17:10

Tgt Ion: 77 Resp: 70
Ion Ratio Lower Upper
77 100
105 8.9 71.8 111.8#
106 16.0 67.3 107.3#

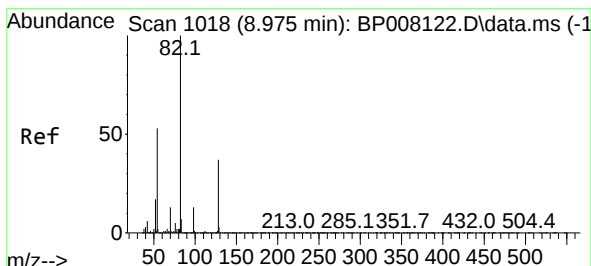
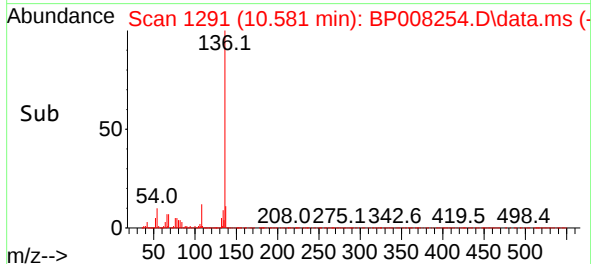
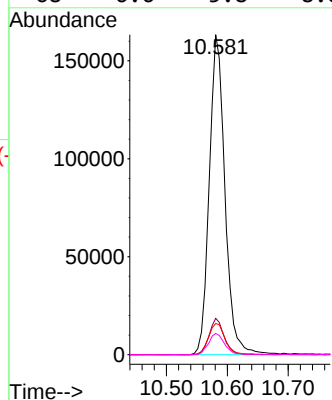
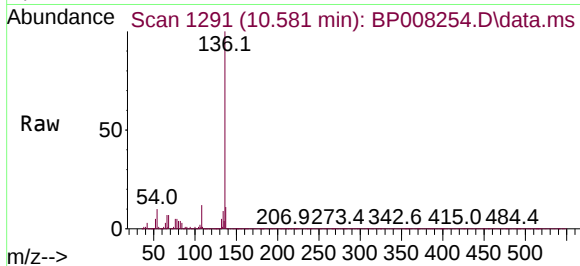




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008254.D
Acq: 07 Dec 2021 17:10

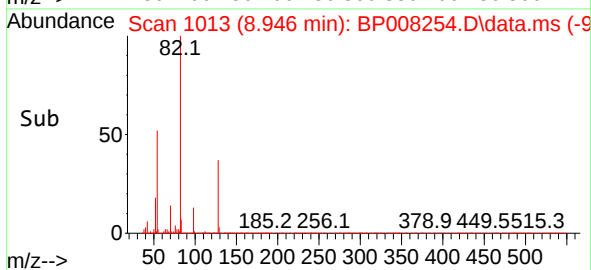
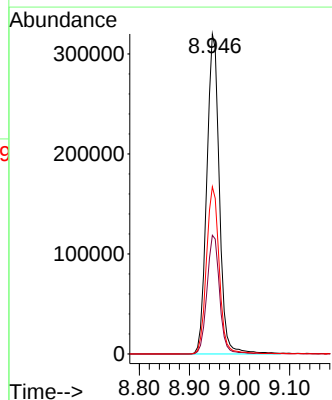
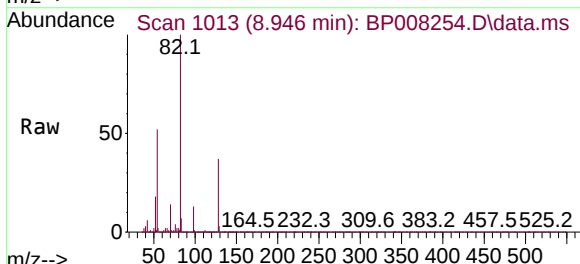
Instrument :
BNA_P
ClientSampleId :
PB141212BL

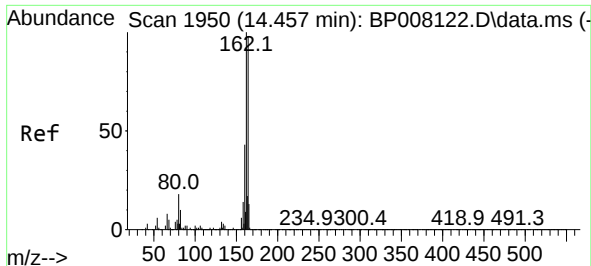
Tgt Ion:	136	Resp:	292492
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	9.7	8.2	12.4
68	6.6	5.8	8.8



#23
Nitrobenzene-d5
Concen: 86.886 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008254.D
Acq: 07 Dec 2021 17:10

Tgt Ion:	82	Resp:	558870
Ion Ratio	Lower	Upper	
82	100		
128	37.1	29.6	44.4
54	52.2	42.7	64.1

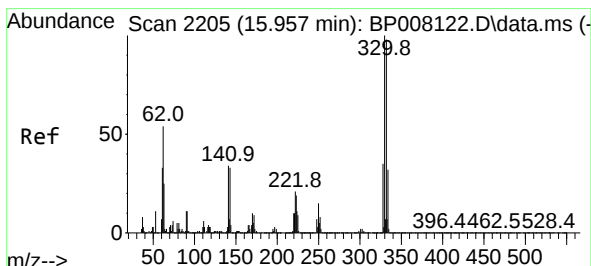
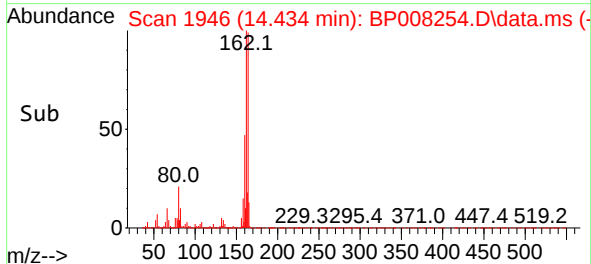
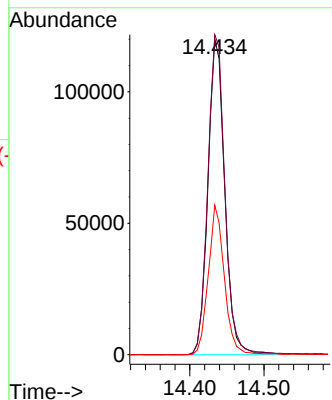
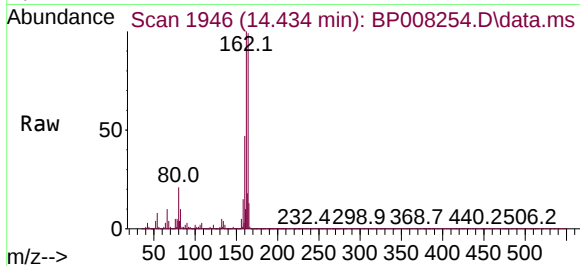




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008254.D
Acq: 07 Dec 2021 17:10

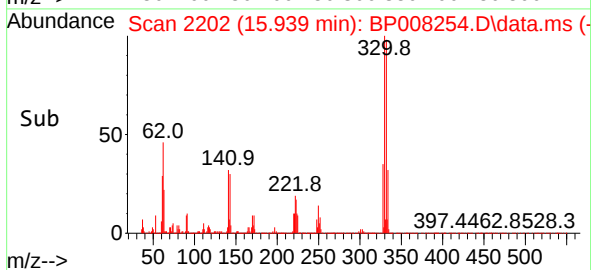
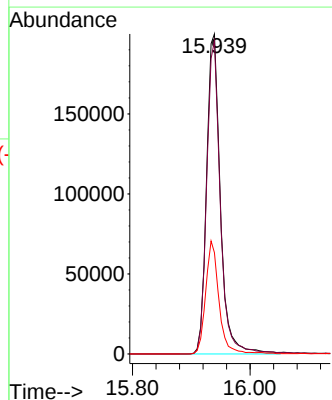
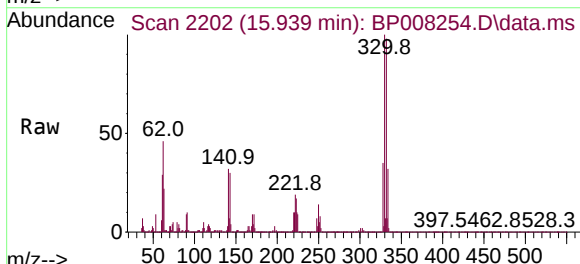
Instrument :
BNA_P
ClientSampleId :
PB141212BL

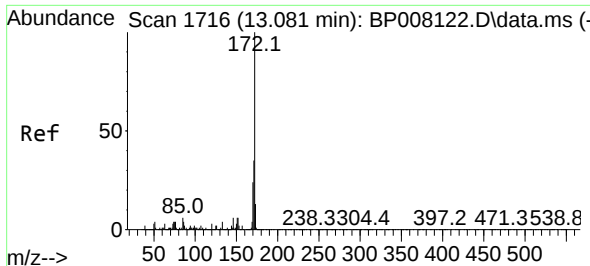
Tgt Ion:164 Resp: 189500
Ion Ratio Lower Upper
164 100
162 101.4 81.9 122.9
160 47.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 134.698 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BP008254.D
Acq: 07 Dec 2021 17:10

Tgt Ion:330 Resp: 326257
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 34.3 28.4 42.6

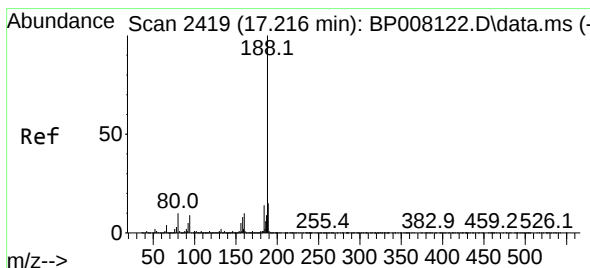
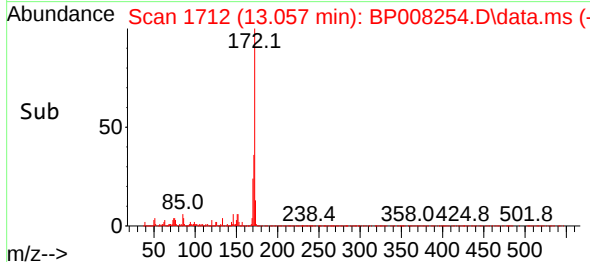
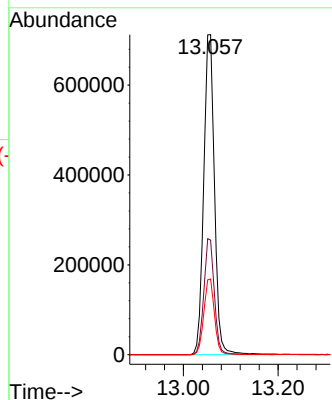
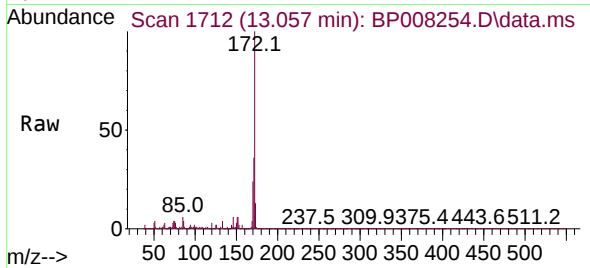




#45
2-Fluorobiphenyl
Concen: 86.065 ng
RT: 13.057 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008254.D
Acq: 07 Dec 2021 17:10

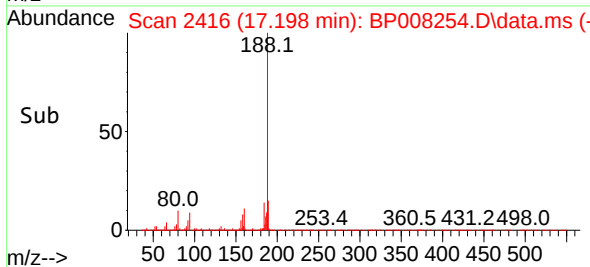
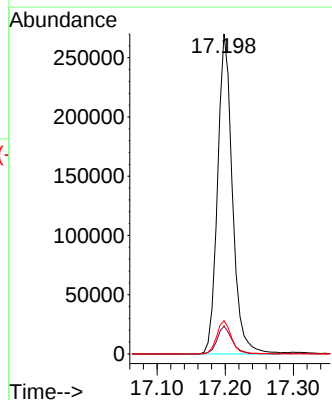
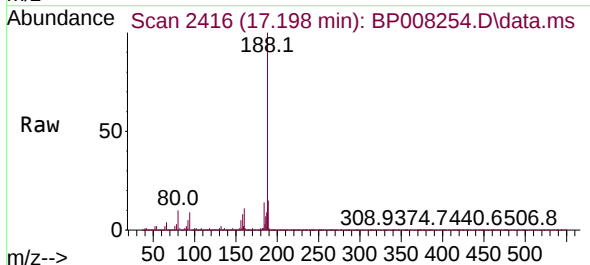
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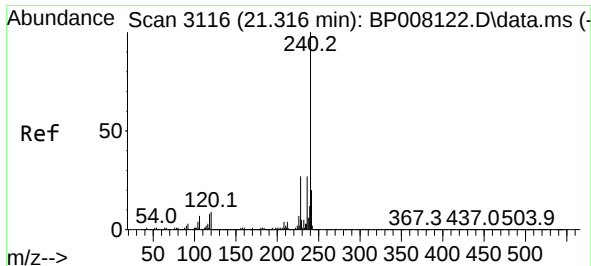
Tgt Ion:172 Resp: 1122814
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.6 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP008254.D
Acq: 07 Dec 2021 17:10

Tgt Ion:188 Resp: 409487
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.4 8.2 12.4

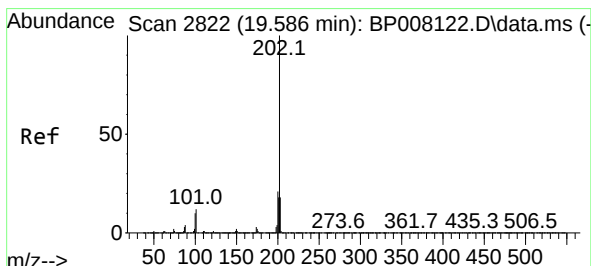
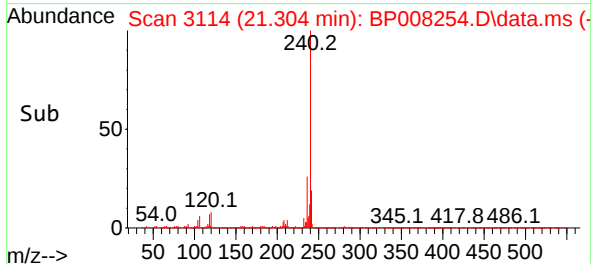
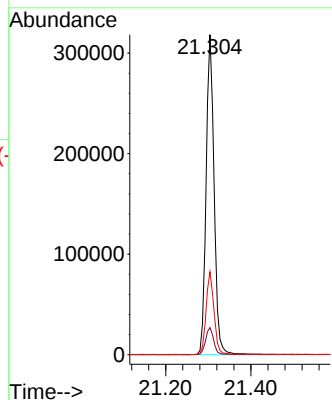
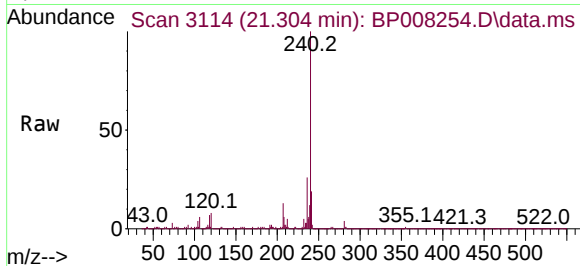




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008254.D
Acq: 07 Dec 2021 17:10

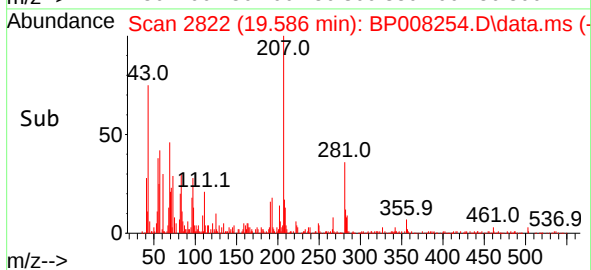
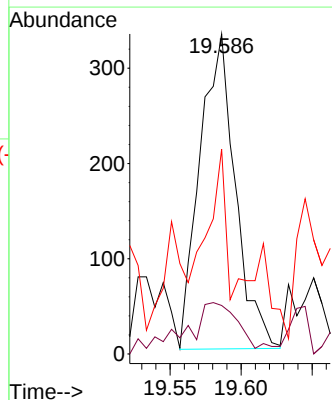
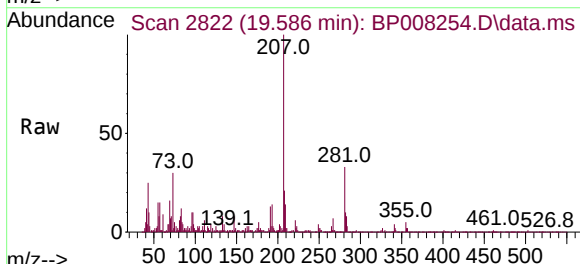
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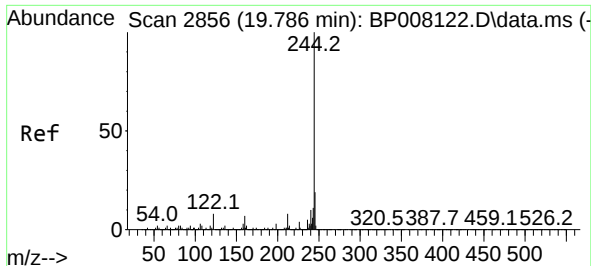
Tgt Ion:240 Resp: 413937
Ion Ratio Lower Upper
240 100
120 8.5 7.3 10.9
236 25.9 21.4 32.2



#78
Pyrene
Concen: Below Cal
RT: 19.586 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BP008254.D
Acq: 07 Dec 2021 17:10

Tgt Ion:202 Resp: 575
Ion Ratio Lower Upper
202 100
200 15.2 17.1 25.7#
203 64.0 14.2 21.2#



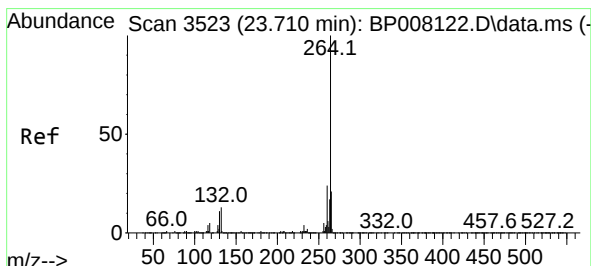
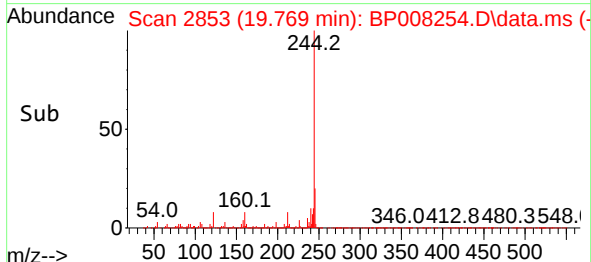
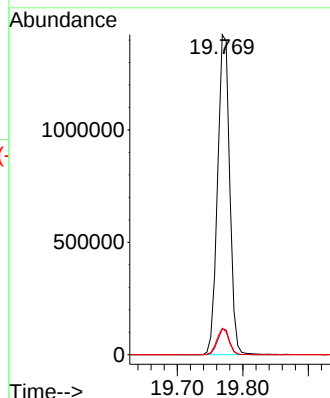
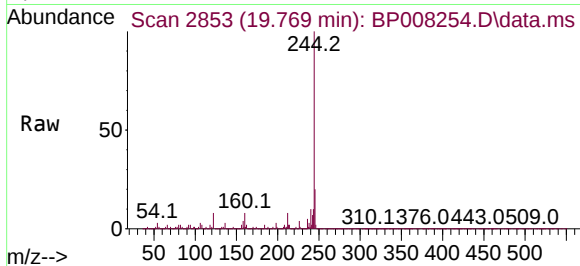


#79
 Terphenyl-d14
 Concen: 91.795 ng
 RT: 19.769 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008254.D
 Acq: 07 Dec 2021 17:10

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Tgt Ion:244 Resp: 1818129

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	8.2	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 3521
 Delta R.T. -0.018 min
 Lab File: BP008254.D
 Acq: 07 Dec 2021 17:10

Tgt Ion:264 Resp: 433381

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.5	17.6	26.4

