

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113021\
 Data File : BP008155.D
 Acq On : 30 Nov 2021 11:16
 Operator : CG/JU
 Sample : PB141036BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141036BL

Quant Time: Nov 30 11:55:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

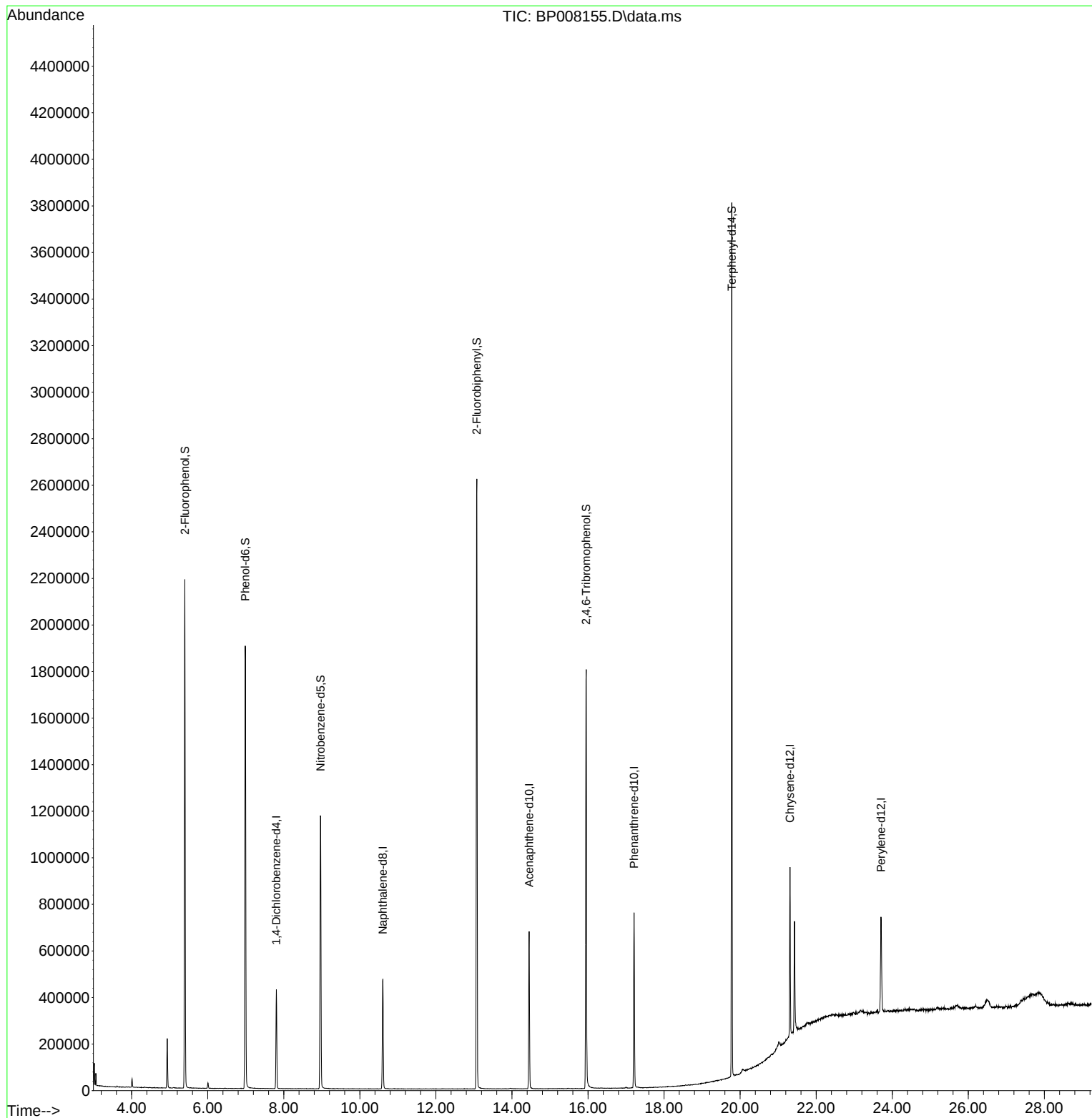
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	106481	20.000	ng	-0.01
21) Naphthalene-d8	10.605	136	374791	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	228266	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	445282	20.000	ng	0.00
76) Chrysene-d12	21.310	240	348588	20.000	ng	0.00
86) Perylene-d12	23.704	264	325277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	827880	125.183	ng	0.00
7) Phenol-d6	6.987	99	1024012	114.703	ng	-0.01
23) Nitrobenzene-d5	8.963	82	711043	86.270	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	353805	121.265	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1361262	86.622	ng	0.00
79) Terphenyl-d14	19.780	244	1669976	100.122	ng	0.00
Target Compounds						
9) Benzaldehyde	6.934	77	68	Below Cal	#	34
78) Pyrene	19.580	202	662	Below Cal	#	54

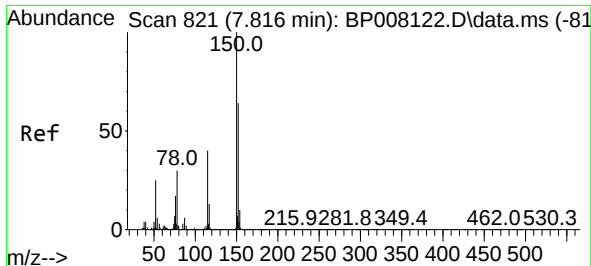
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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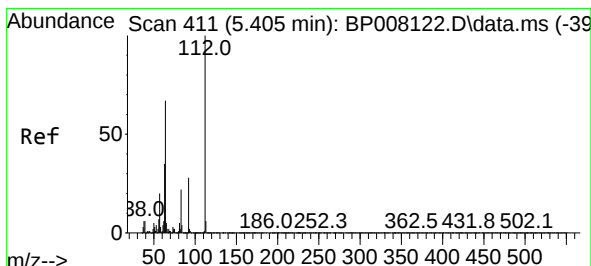
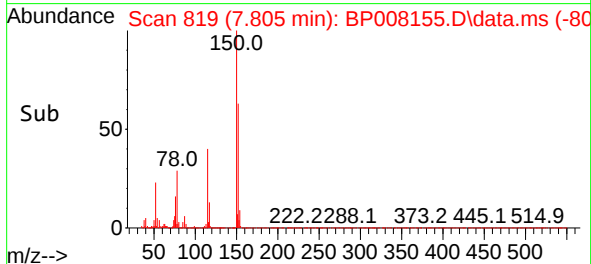
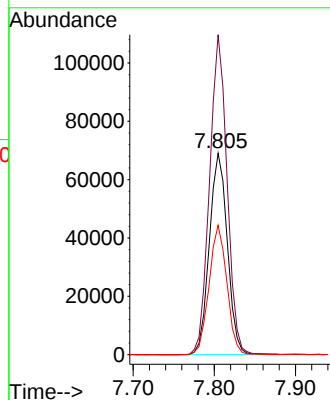
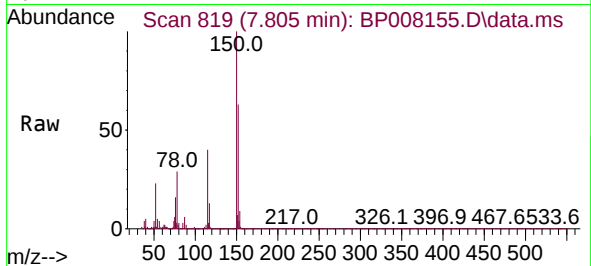




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008155.D
Acq: 30 Nov 2021 11:16

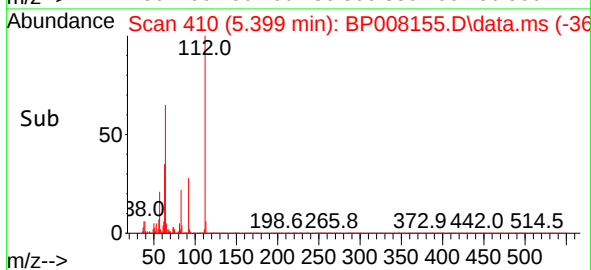
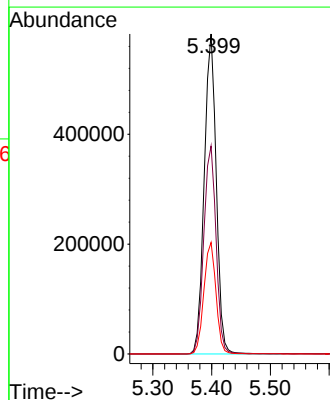
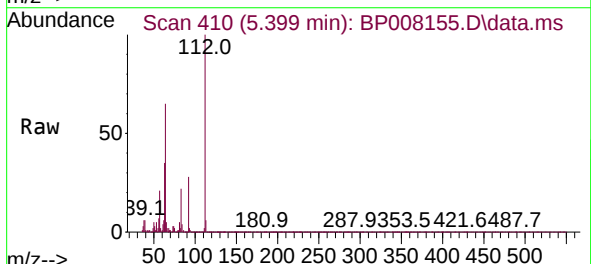
Instrument :
BNA_P
ClientSampleId :
PB141036BL

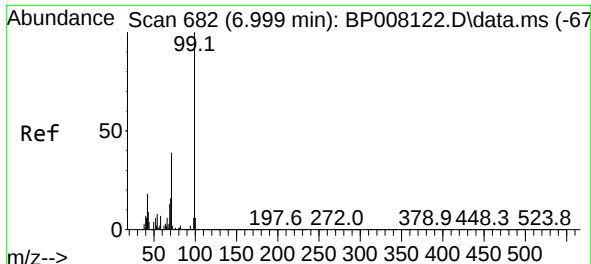
Tgt Ion:152 Resp: 106481
Ion Ratio Lower Upper
152 100
150 158.9 125.7 188.5
115 64.3 50.7 76.1



#5
2-Fluorophenol
Concen: 125.183 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP008155.D
Acq: 30 Nov 2021 11:16

Tgt Ion:112 Resp: 827880
Ion Ratio Lower Upper
112 100
64 65.0 53.4 80.2
63 34.8 27.8 41.8

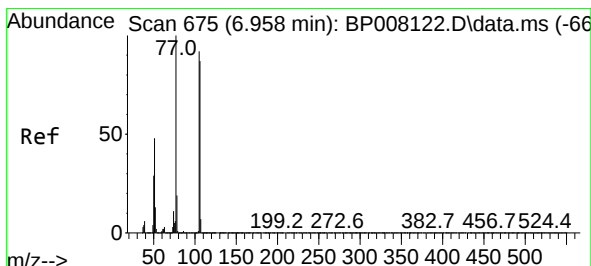
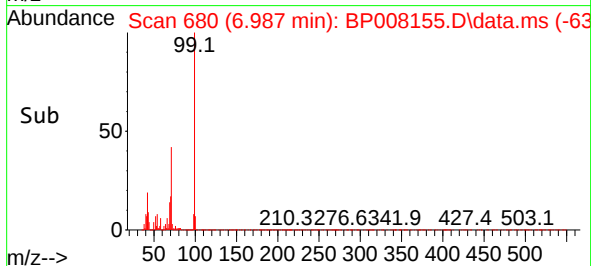
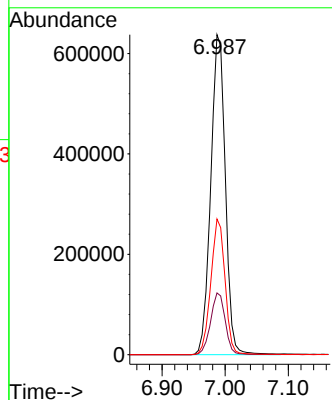
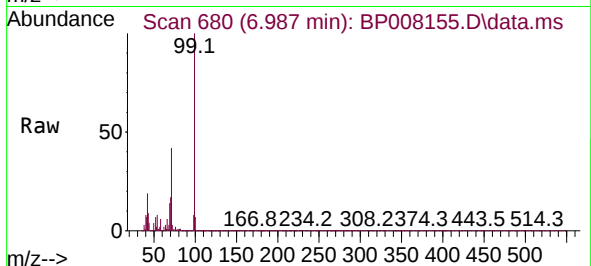




#7
Phenol-d6
Concen: 114.703 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008155.D
Acq: 30 Nov 2021 11:16

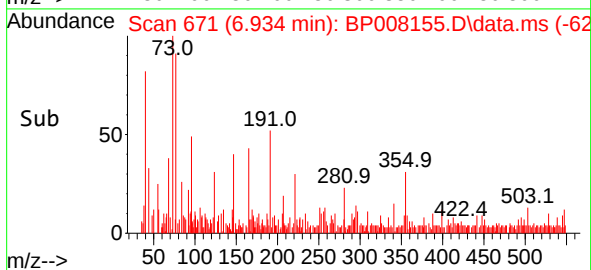
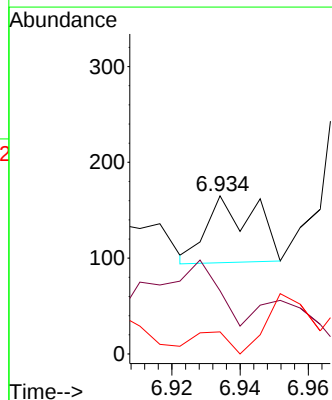
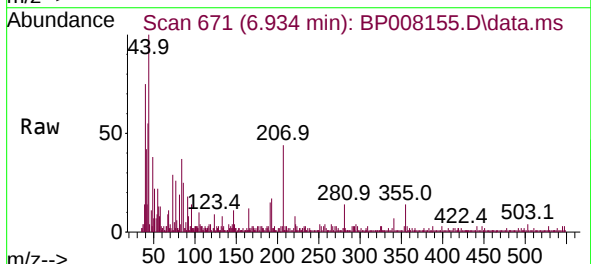
Instrument :
BNA_P
ClientSampleId :
PB141036BL

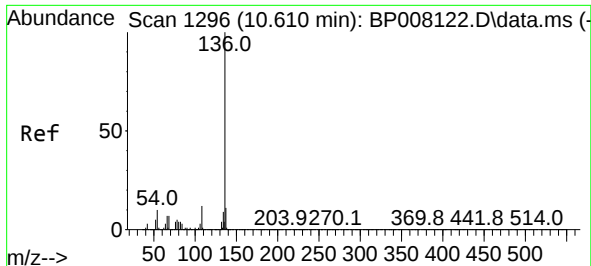
Tgt Ion: 99 Resp: 1024012
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 42.4 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.934 min Scan# 671
Delta R.T. -0.024 min
Lab File: BP008155.D
Acq: 30 Nov 2021 11:16

Tgt Ion: 77 Resp: 68
Ion Ratio Lower Upper
77 100
105 40.0 71.8 111.8#
106 13.9 67.3 107.3#

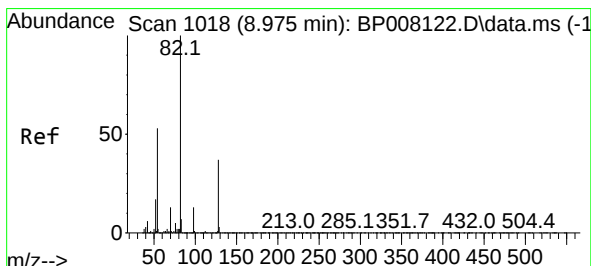
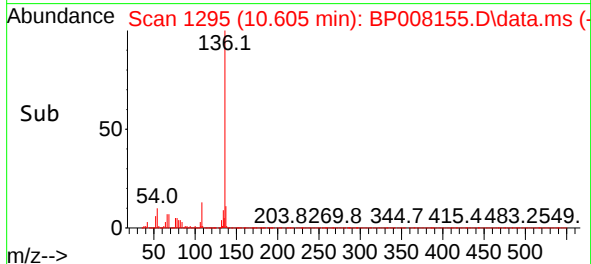
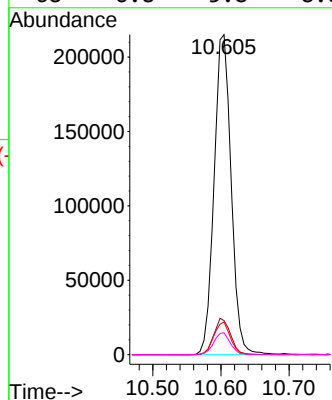
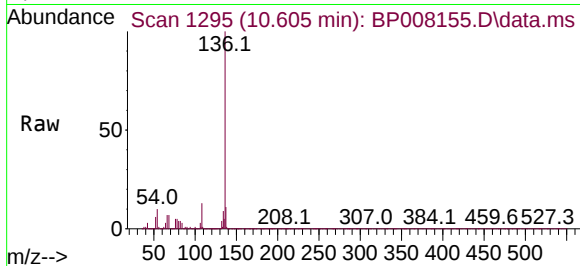




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP008155.D
Acq: 30 Nov 2021 11:16

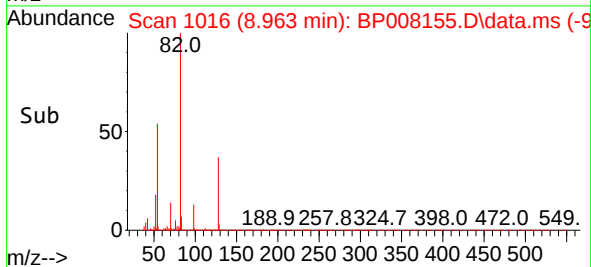
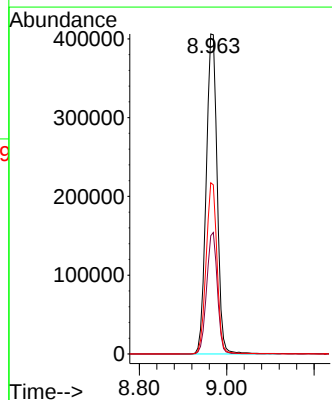
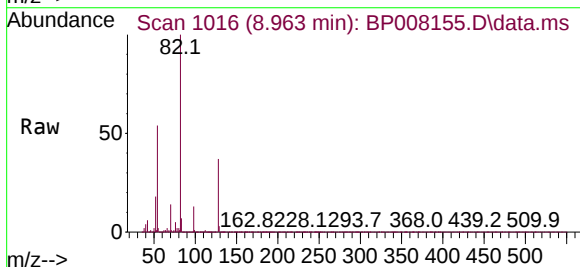
Instrument :
BNA_P
ClientSampleId :
PB141036BL

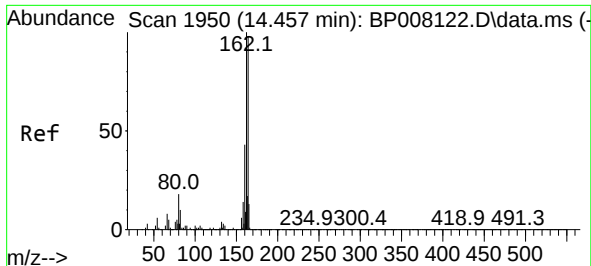
Tgt Ion:136 Resp: 374791
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.2 8.2 12.4
68 6.8 5.8 8.8



#23
Nitrobenzene-d5
Concen: 86.270 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP008155.D
Acq: 30 Nov 2021 11:16

Tgt Ion: 82 Resp: 711043
Ion Ratio Lower Upper
82 100
128 37.0 29.6 44.4
54 53.5 42.7 64.1

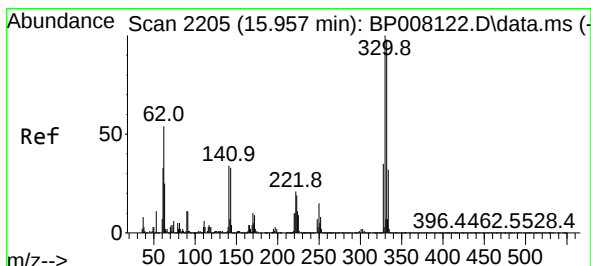
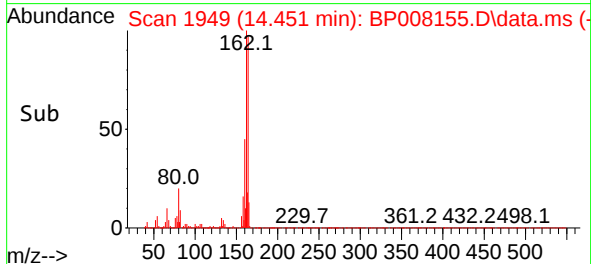
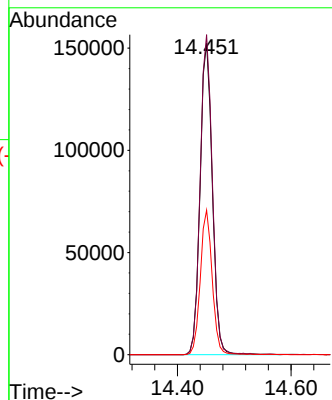
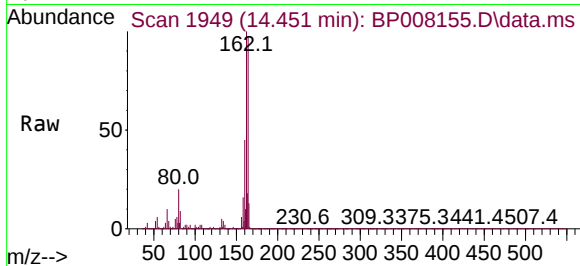




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP008155.D
Acq: 30 Nov 2021 11:16

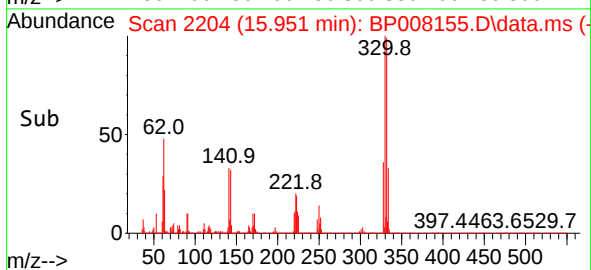
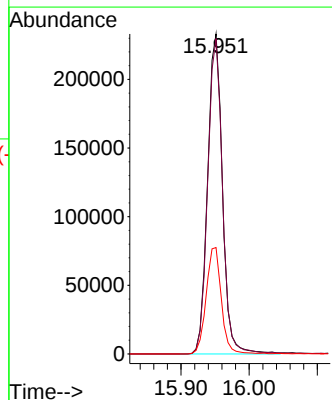
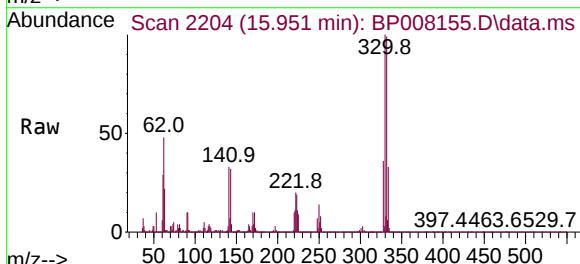
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ClientSampleId :
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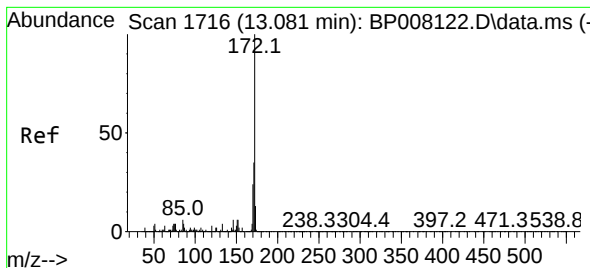
Tgt Ion:164 Resp: 228266
Ion Ratio Lower Upper
164 100
162 102.6 81.9 122.9
160 46.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 121.265 ng
RT: 15.951 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP008155.D
Acq: 30 Nov 2021 11:16

Tgt Ion:330 Resp: 353805
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.4
141 34.1 28.4 42.6

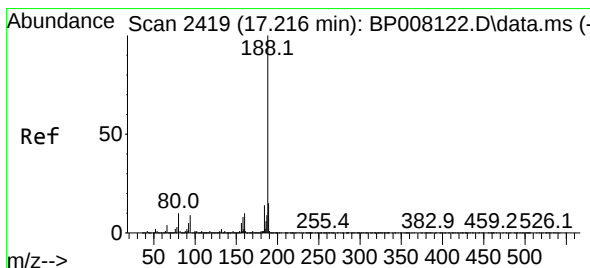
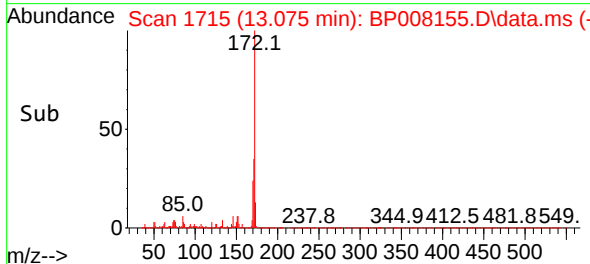
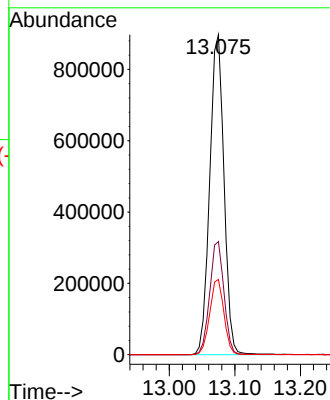
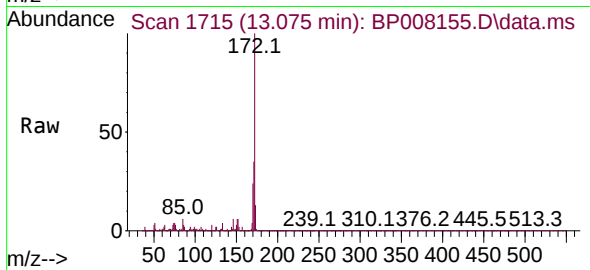




#45
2-Fluorobiphenyl
Concen: 86.622 ng
RT: 13.075 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP008155.D
Acq: 30 Nov 2021 11:16

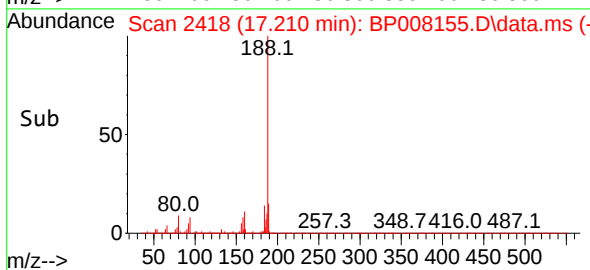
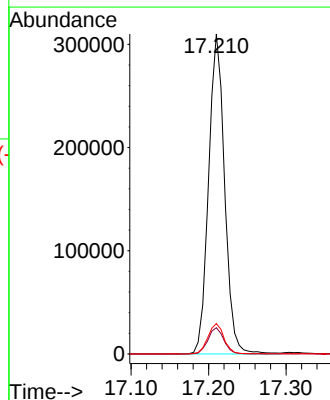
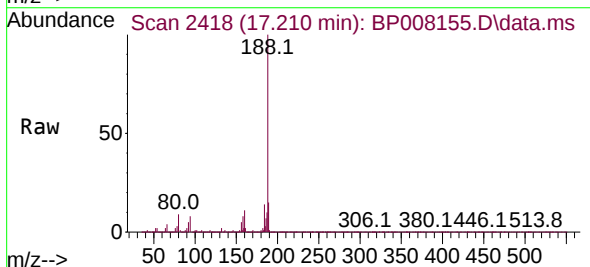
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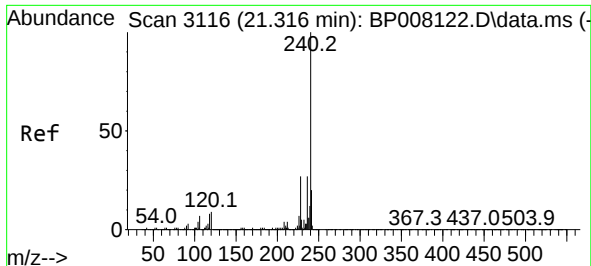
Tgt Ion:172 Resp: 1361262
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.5 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP008155.D
Acq: 30 Nov 2021 11:16

Tgt Ion:188 Resp: 445282
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.5 8.2 12.4

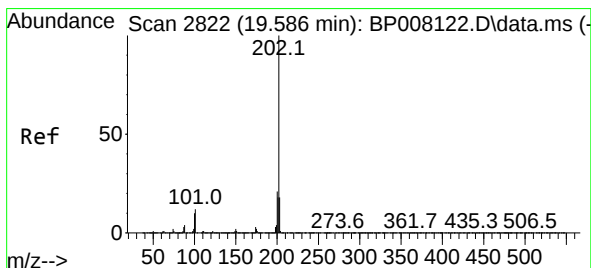
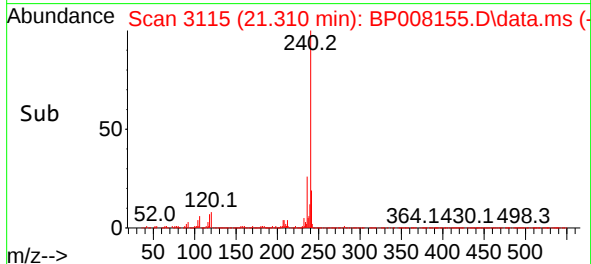
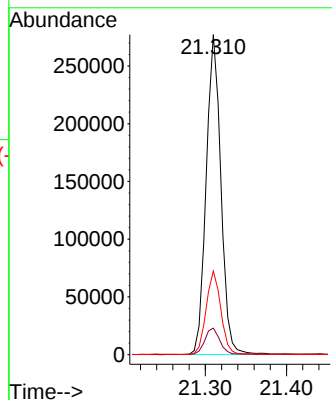
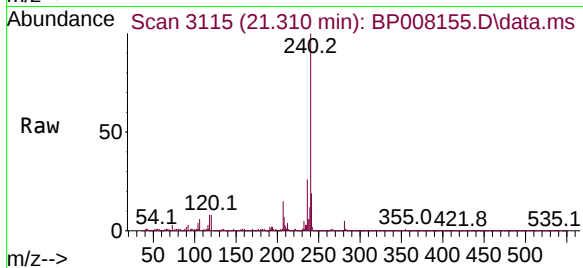




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008155.D
Acq: 30 Nov 2021 11:16

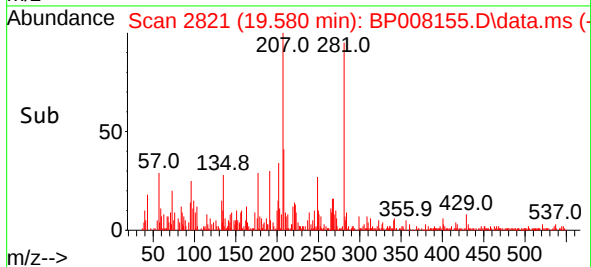
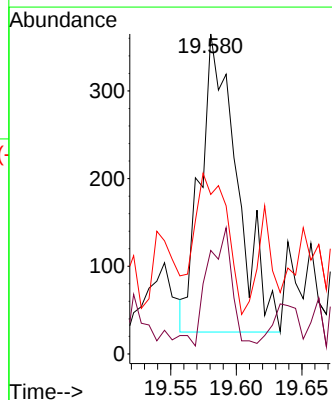
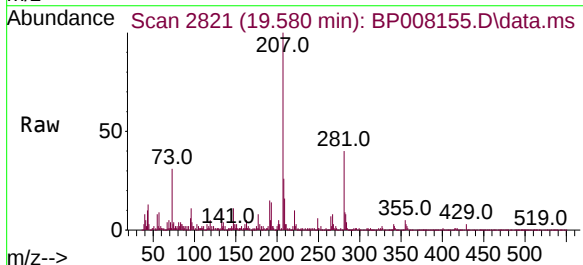
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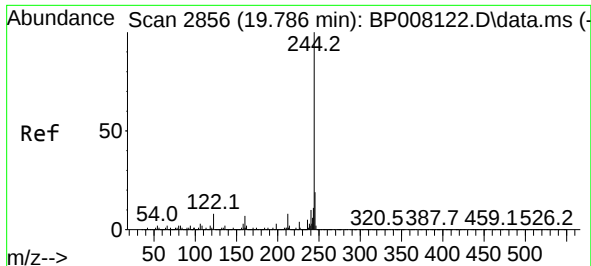
Tgt Ion:240 Resp: 348588
Ion Ratio Lower Upper
240 100
120 8.3 7.3 10.9
236 26.1 21.4 32.2



#78
Pyrene
Concen: Below Cal
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP008155.D
Acq: 30 Nov 2021 11:16

Tgt Ion:202 Resp: 662
Ion Ratio Lower Upper
202 100
200 32.3 17.1 25.7#
203 49.9 14.2 21.2#

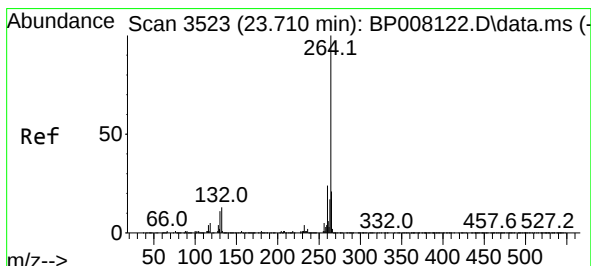
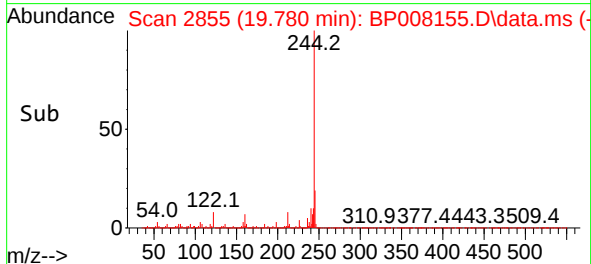
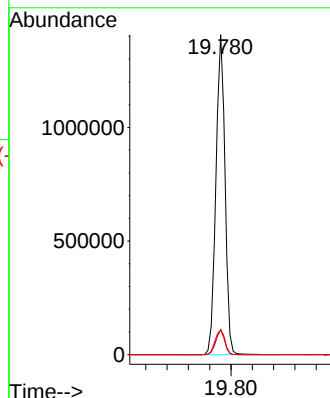
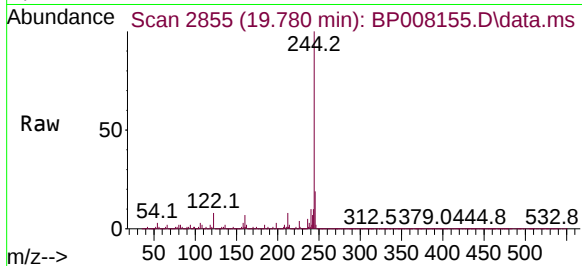




#79
 Terphenyl-d14
 Concen: 100.122 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008155.D
 Acq: 30 Nov 2021 11:16

Instrument :
 BNA_P
 ClientSampleId :
 PB141036BL

Tgt Ion:244 Resp: 1669976
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 7.7 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 3522
 Delta R.T. -0.006 min
 Lab File: BP008155.D
 Acq: 30 Nov 2021 11:16

Tgt Ion:264 Resp: 325277
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 21.5 17.6 26.4

