

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008360.D
 Acq On : 11 Dec 2021 02:11
 Operator : CG/JU
 Sample : M4980-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-120821

Quant Time: Dec 11 04:03:38 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)

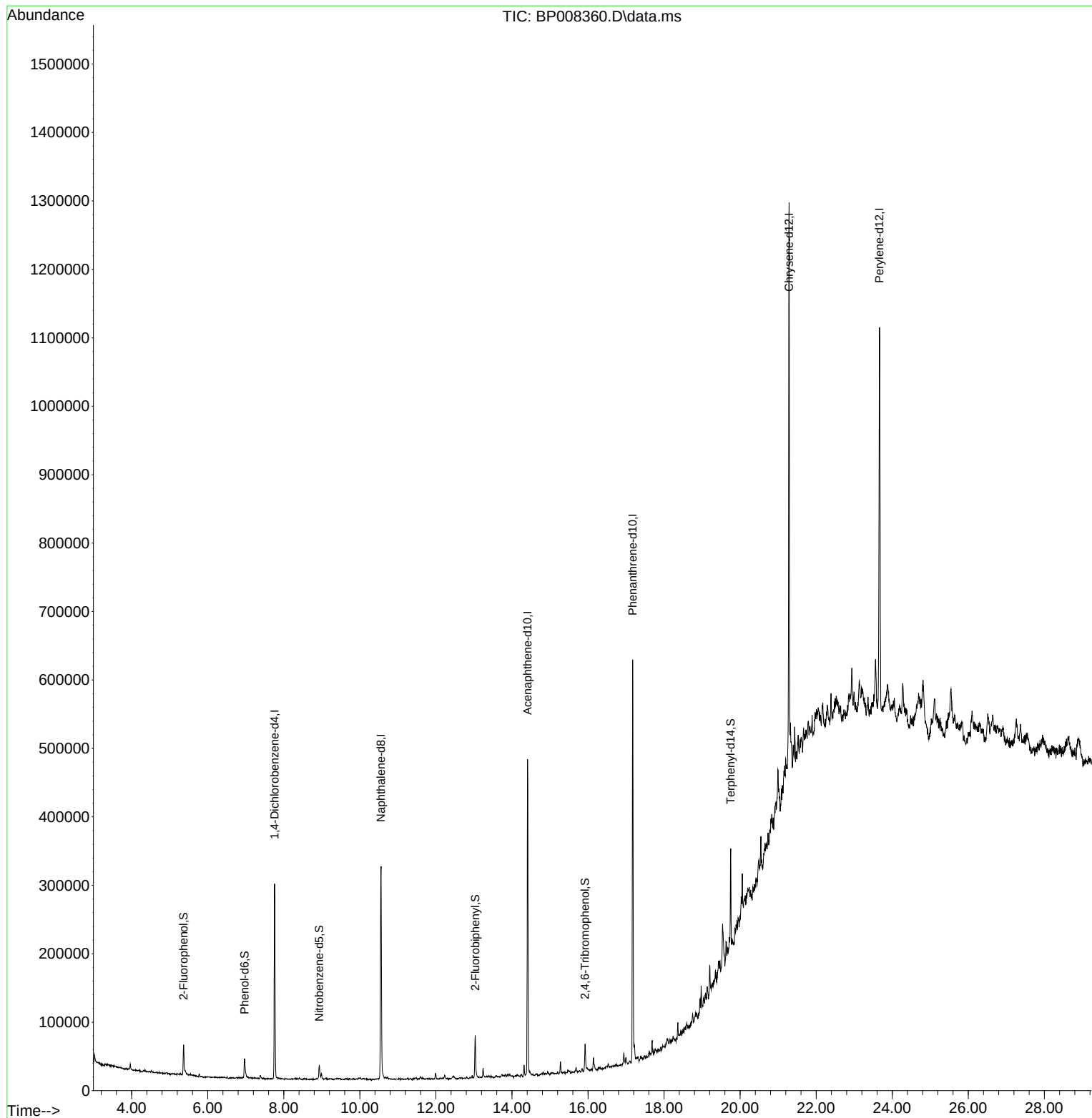
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	70997	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	245704	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	154974	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	339118	20.000	ng	0.00
76) Chrysene-d12	21.286	240	393156	20.000	ng	0.00
86) Perylene-d12	23.663	264	436774	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	20675	4.689	ng	0.00
7) Phenol-d6	6.969	99	21841	3.669	ng	0.02
23) Nitrobenzene-d5	8.928	82	16020	2.965	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	8203	4.141	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	33968	3.184	ng	0.00
79) Terphenyl-d14	19.751	244	66656	3.543	ng	0.00
Target Compounds						
9) Benzaldehyde	6.893	77	134	Below Cal	Qvalue #	37
78) Pyrene	19.551	202	23028	Below Cal		92

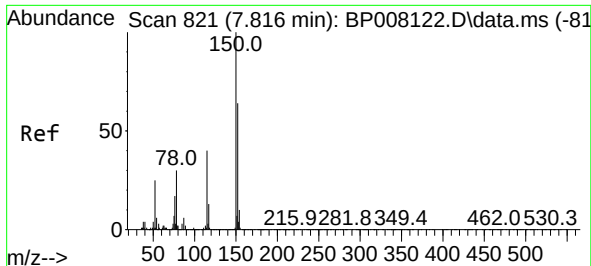
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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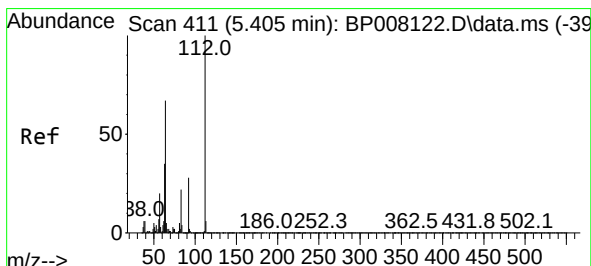
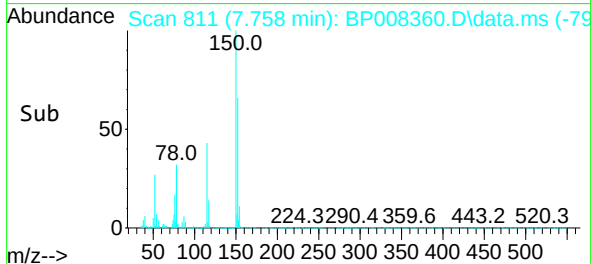
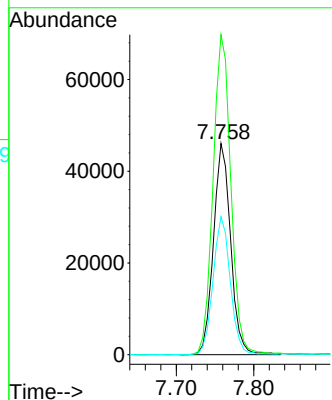
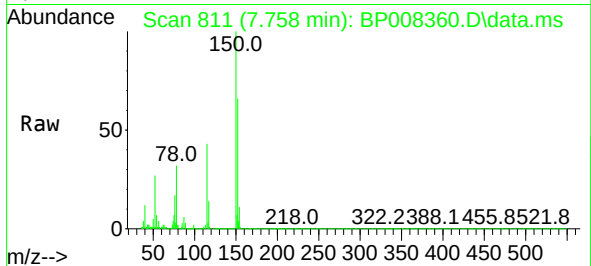




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP008360.D
Acq: 11 Dec 2021 02:11

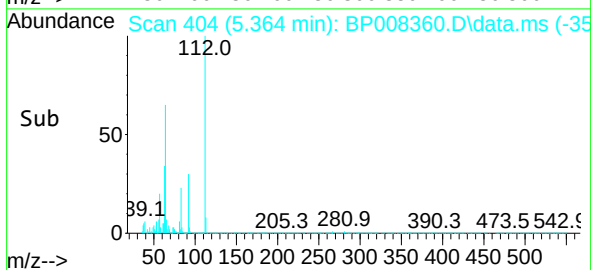
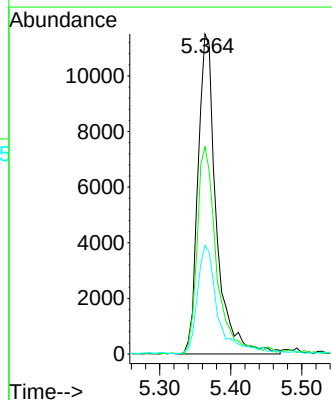
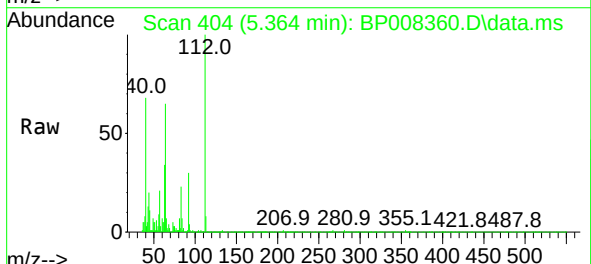
Instrument :
BNA_P
ClientSampleId :
OK-03-120821

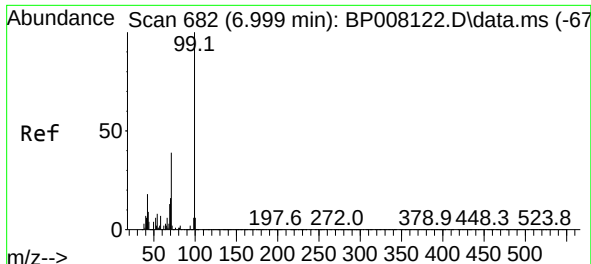
Tgt Ion:152 Resp: 70997
Ion Ratio Lower Upper
152 100
150 151.5 125.7 188.5
115 65.4 50.7 76.1



#5
2-Fluorophenol
Concen: 4.689 ng
RT: 5.364 min Scan# 404
Delta R.T. 0.006 min
Lab File: BP008360.D
Acq: 11 Dec 2021 02:11

Tgt Ion:112 Resp: 20675
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 34.0 27.8 41.8

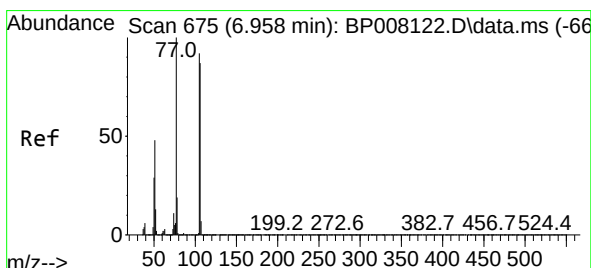
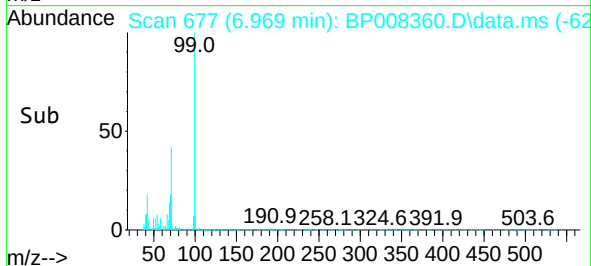
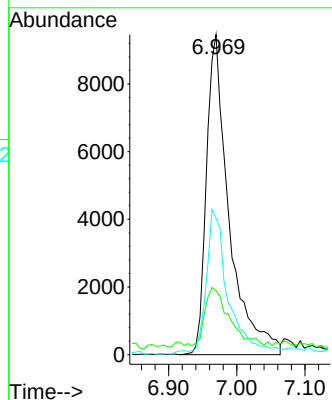
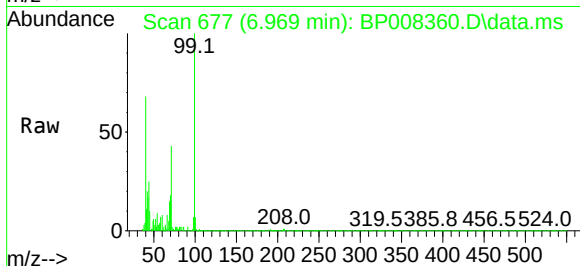




#7
Phenol-d6
Concen: 3.669 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP008360.D
Acq: 11 Dec 2021 02:11

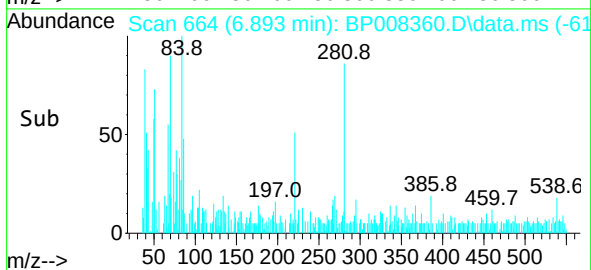
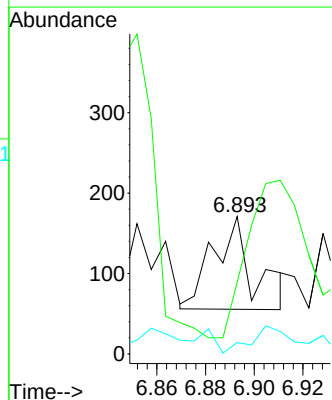
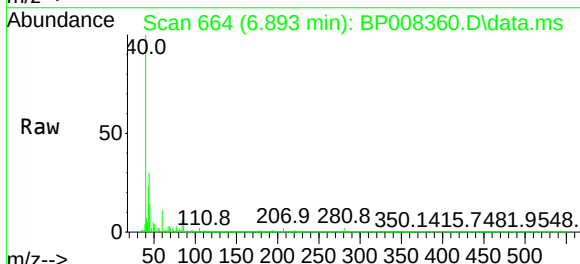
Instrument :
BNA_P
ClientSampleId :
OK-03-120821

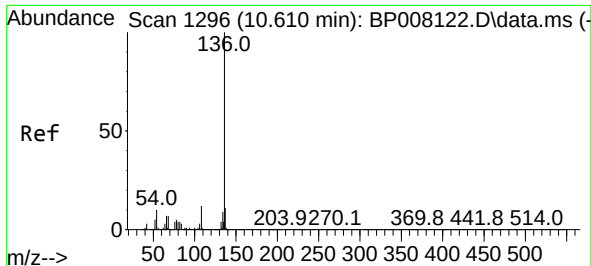
Tgt Ion: 99 Resp: 21841
Ion Ratio Lower Upper
99 100
42 20.0 14.6 22.0
71 42.7 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.893 min Scan# 664
Delta R.T. -0.017 min
Lab File: BP008360.D
Acq: 11 Dec 2021 02:11

Tgt Ion: 77 Resp: 134
Ion Ratio Lower Upper
77 100
105 52.0 71.8 111.8#
106 8.2 67.3 107.3#



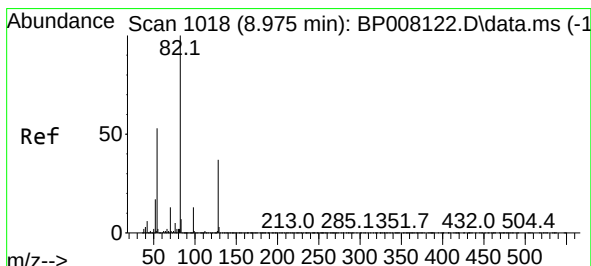
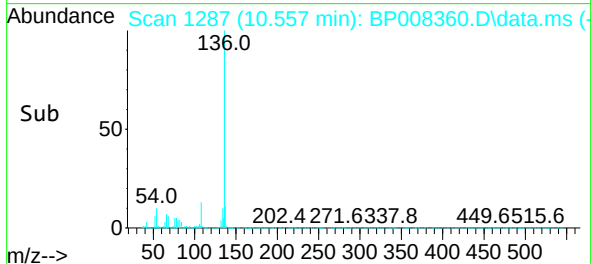
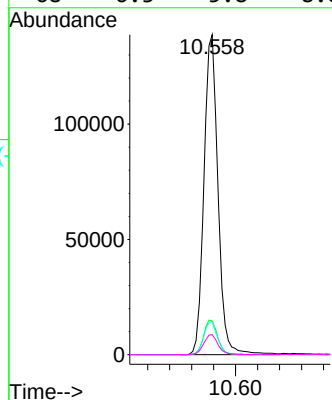
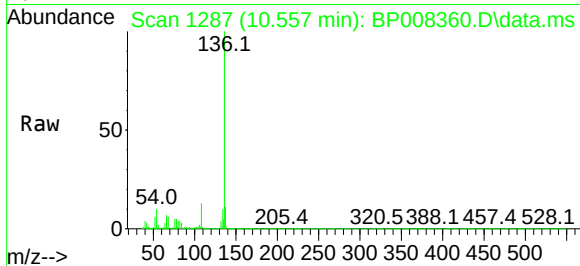


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP008360.D
Acq: 11 Dec 2021 02:11

Instrument :
BNA_P
ClientSampleId :
OK-03-120821

Tgt Ion:136 Resp: 245704

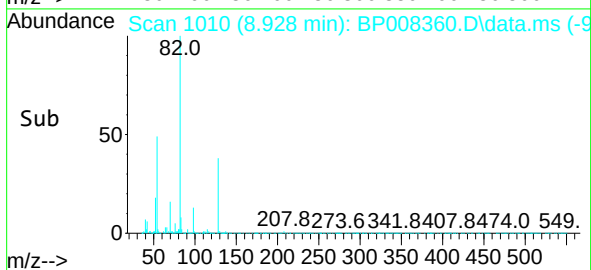
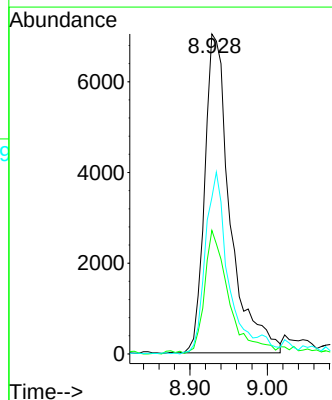
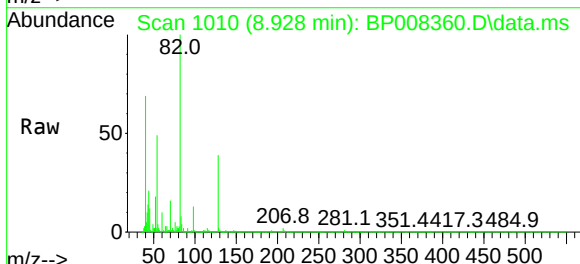
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	10.3	8.2	12.4
68	6.3	5.8	8.8

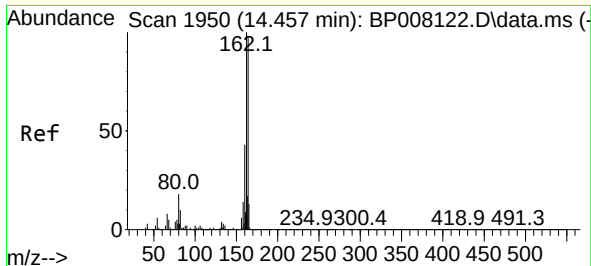


#23
Nitrobenzene-d5
Concen: 2.965 ng
RT: 8.928 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP008360.D
Acq: 11 Dec 2021 02:11

Tgt Ion: 82 Resp: 16020

Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.6	44.4
54	48.8	42.7	64.1

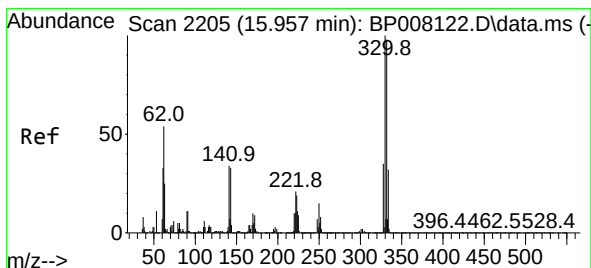
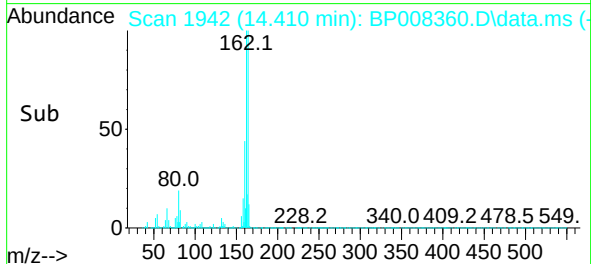
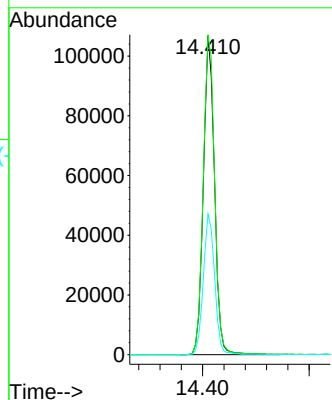
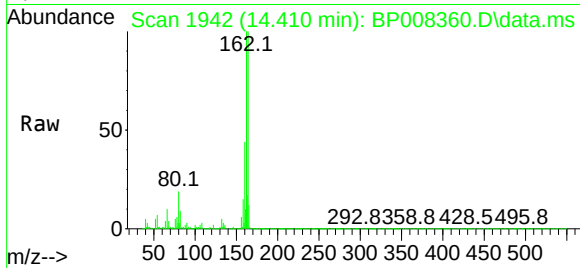




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP008360.D
Acq: 11 Dec 2021 02:11

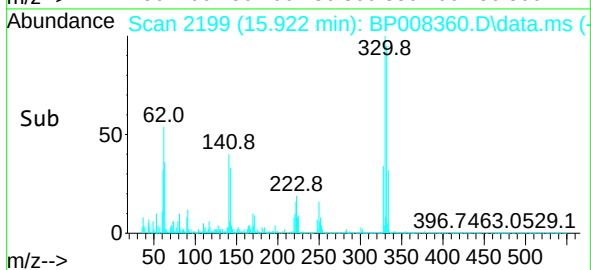
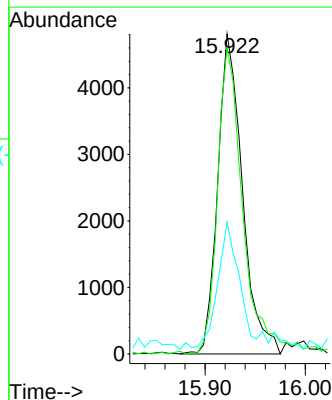
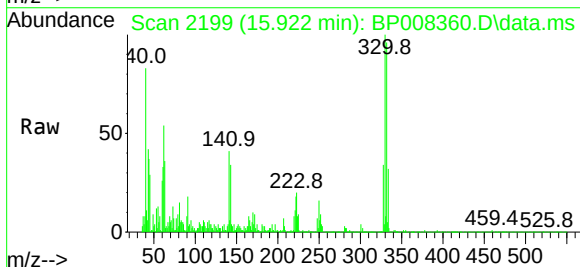
Instrument :
BNA_P
ClientSampleId :
OK-03-120821

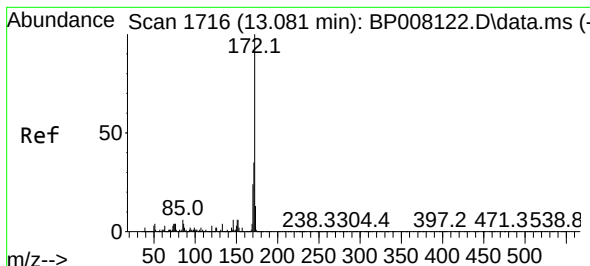
Tgt Ion:164 Resp: 154974
Ion Ratio Lower Upper
164 100
162 100.4 81.9 122.9
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 4.141 ng
RT: 15.922 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BP008360.D
Acq: 11 Dec 2021 02:11

Tgt Ion:330 Resp: 8203
Ion Ratio Lower Upper
330 100
332 99.7 77.0 115.4
141 33.5 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 3.184 ng

RT: 13.034 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP008360.D

Acq: 11 Dec 2021 02:11

Instrument :

BNA_P

ClientSampleId :

OK-03-120821

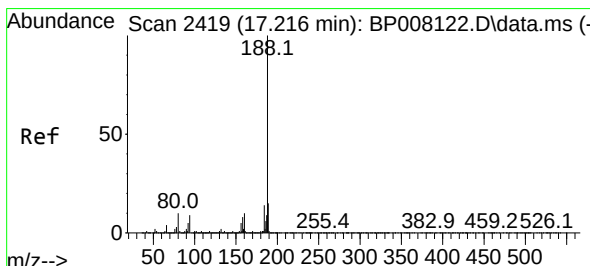
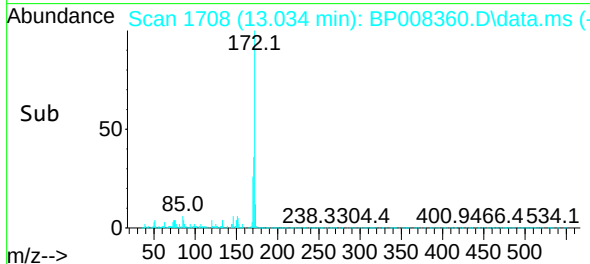
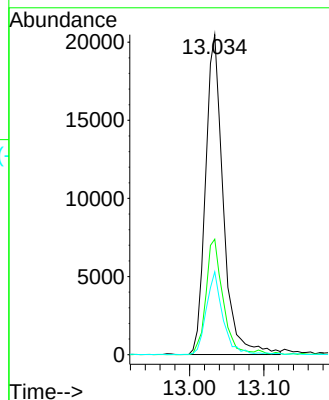
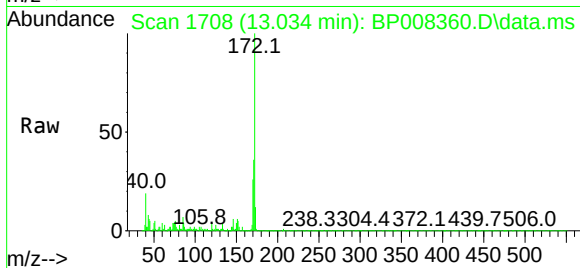
Tgt Ion:172 Resp: 33968

Ion Ratio Lower Upper

172 100

171 36.1 28.0 42.0

170 25.9 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BP008360.D

Acq: 11 Dec 2021 02:11

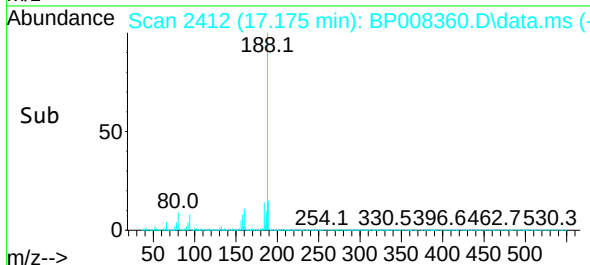
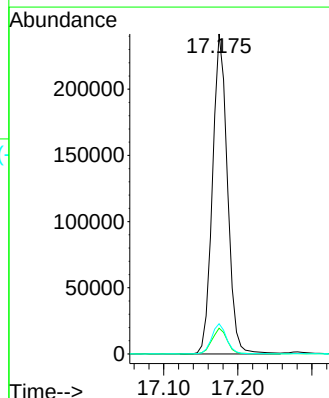
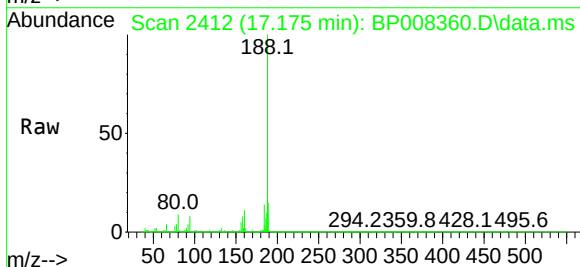
Tgt Ion:188 Resp: 339118

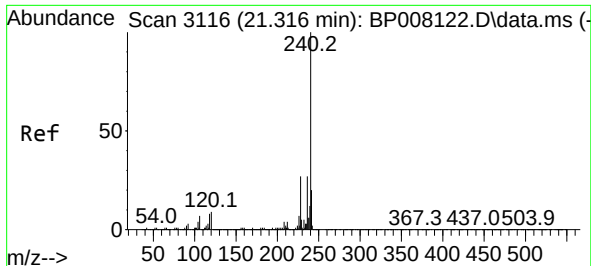
Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

80 9.5 8.2 12.4

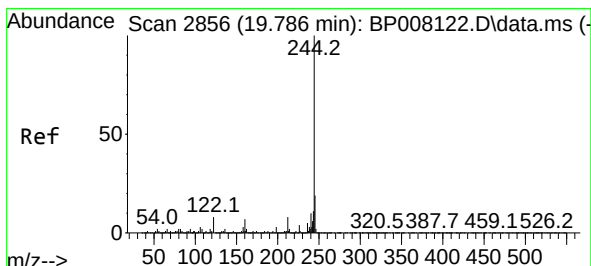
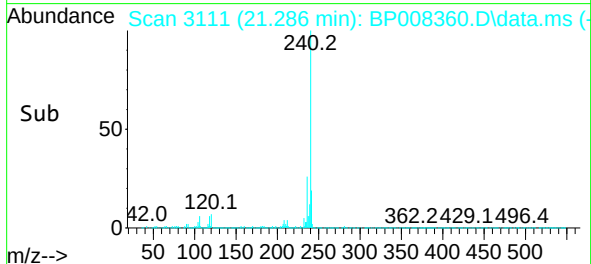
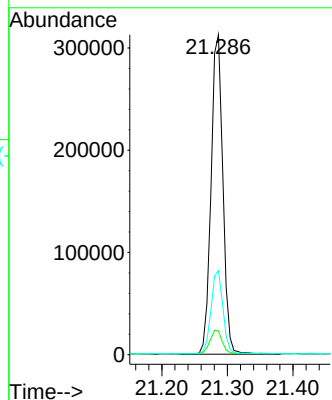
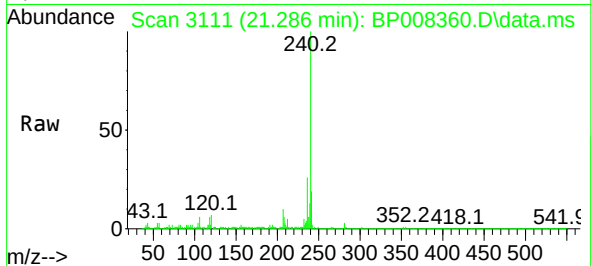




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP008360.D
Acq: 11 Dec 2021 02:11

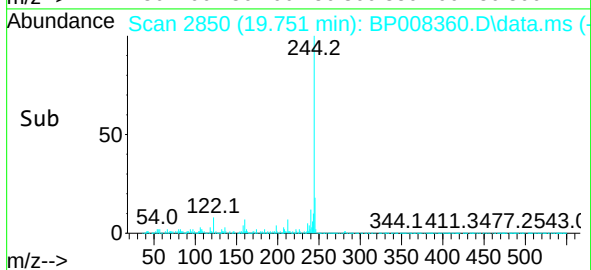
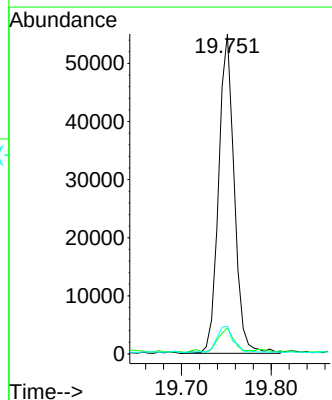
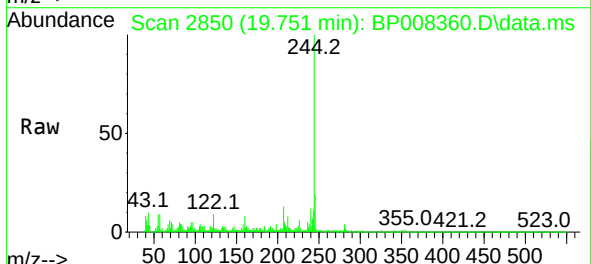
Instrument :
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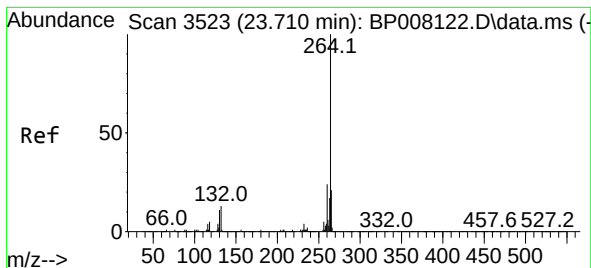
Tgt Ion:240 Resp: 393156
Ion Ratio Lower Upper
240 100
120 7.5 7.3 10.9
236 26.3 21.4 32.2



#79
Terphenyl-d14
Concen: 3.543 ng
RT: 19.751 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BP008360.D
Acq: 11 Dec 2021 02:11

Tgt Ion:244 Resp: 66656
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 8.6 6.6 9.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.663 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP008360.D

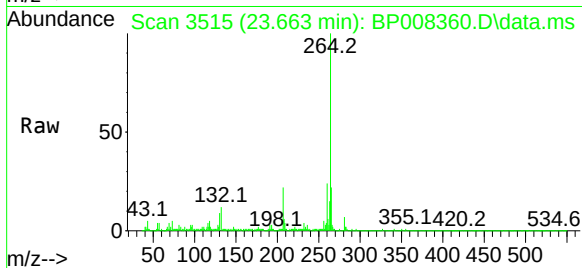
Acq: 11 Dec 2021 02:11

Instrument :

BNA_P

ClientSampleId :

OK-03-120821



Tgt Ion:264 Resp: 436774

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.5 17.6 26.4

