

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111124\
 Data File : BP023013.D
 Acq On : 11 Nov 2024 14:16
 Operator : RC/JU
 Sample : PB164382BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB164382BL

Quant Time: Nov 11 14:44:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 23:36:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	65018	20.000	ng	0.00
21) Naphthalene-d8	10.346	136	223526	20.000	ng	0.00
39) Acenaphthene-d10	14.216	164	164019	20.000	ng	0.00
64) Phenanthrene-d10	17.022	188	407040	20.000	ng	0.00
76) Chrysene-d12	21.463	240	511253	20.000	ng	0.00
86) Perylene-d12	24.716	264	587942	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	510723	149.072	ng	0.00
7) Phenol-d6	6.787	99	647525	135.527	ng	0.00
23) Nitrobenzene-d5	8.728	82	457169	96.626	ng	-0.01
42) 2,4,6-Tribromophenol	15.734	330	438254	137.850	ng	-0.01
45) 2-Fluorobiphenyl	12.816	172	1127587	98.230	ng	0.00
79) Terphenyl-d14	19.763	244	2617479	96.150	ng	0.00

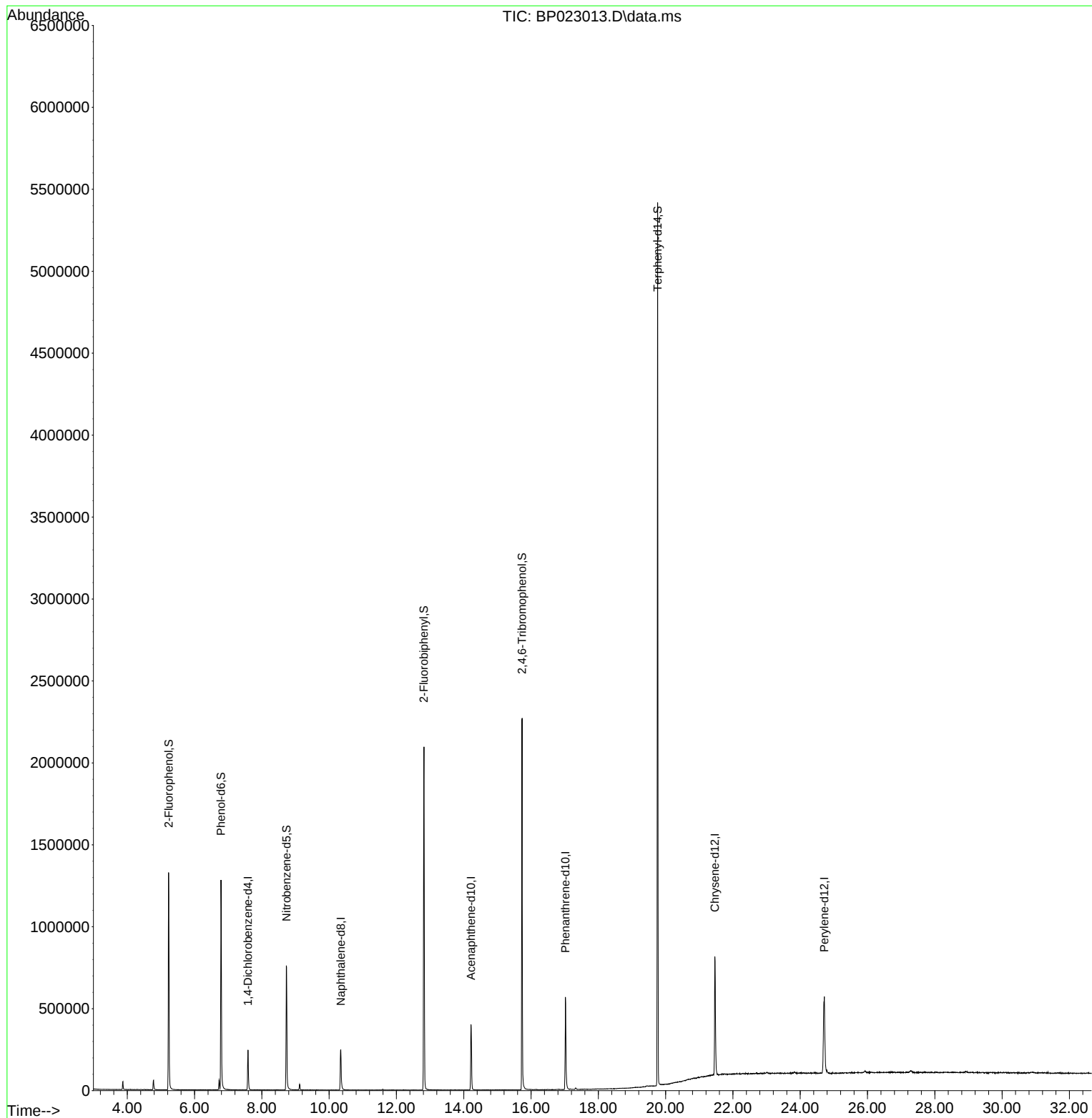
Target Compounds	Qvalue

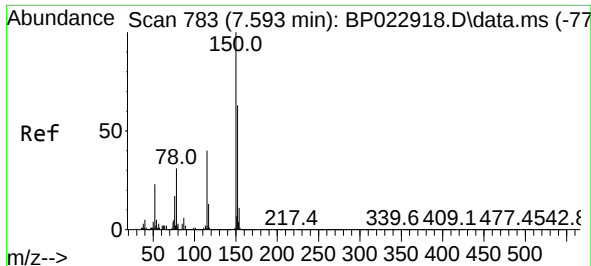
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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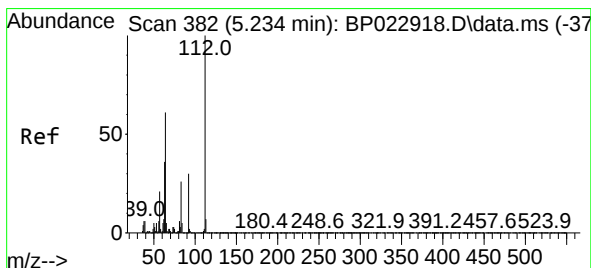
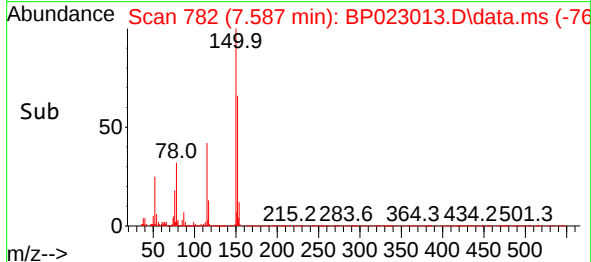
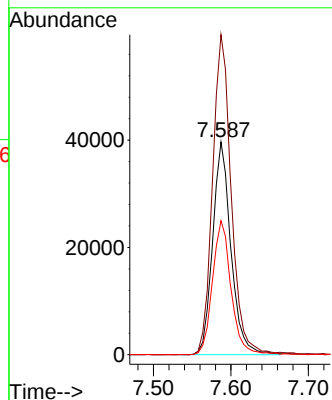
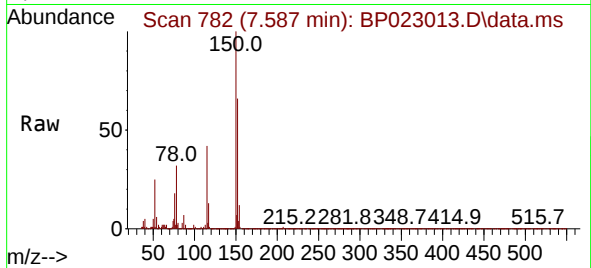




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.587 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP023013.D
Acq: 11 Nov 2024 14:16

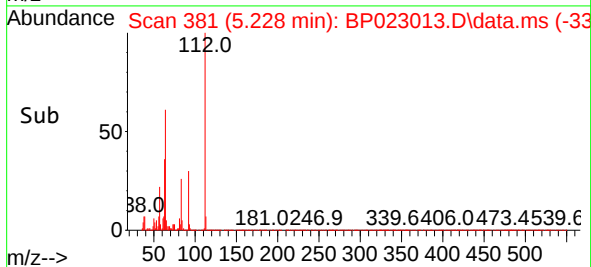
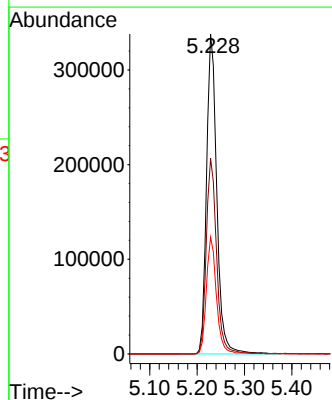
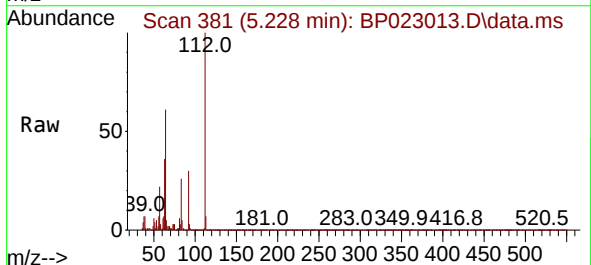
Instrument :
BNA_P
ClientSampleId :
PB164382BL

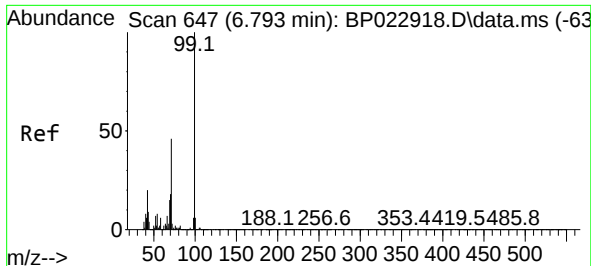
Tgt Ion:152 Resp: 65018
Ion Ratio Lower Upper
152 100
150 150.5 127.0 190.4
115 62.9 50.5 75.7



#5
2-Fluorophenol
Concen: 149.072 ng
RT: 5.228 min Scan# 381
Delta R.T. -0.006 min
Lab File: BP023013.D
Acq: 11 Nov 2024 14:16

Tgt Ion:112 Resp: 510723
Ion Ratio Lower Upper
112 100
64 61.2 48.7 73.1
63 36.5 29.0 43.4

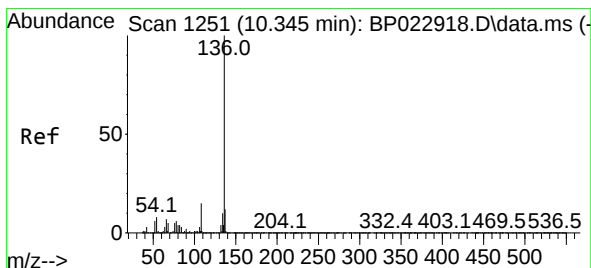
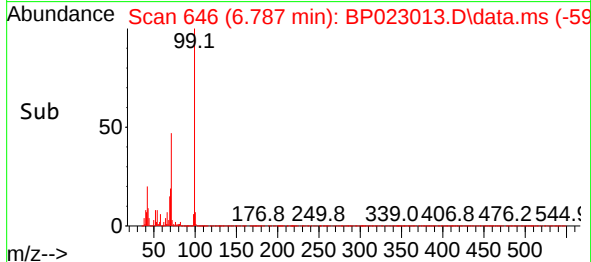
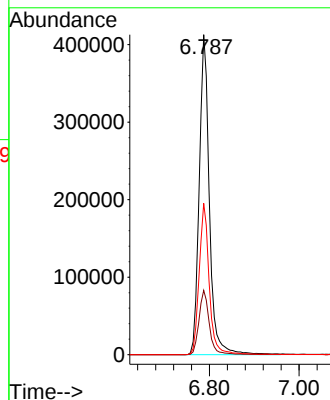
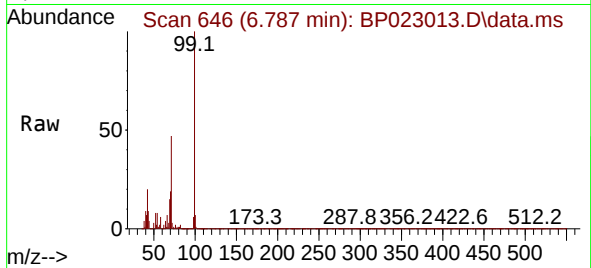




#7
Phenol-d6
Concen: 135.527 ng
RT: 6.787 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP023013.D
Acq: 11 Nov 2024 14:16

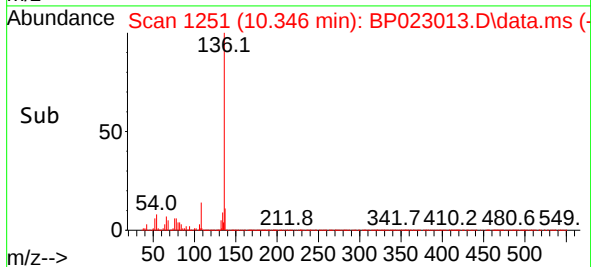
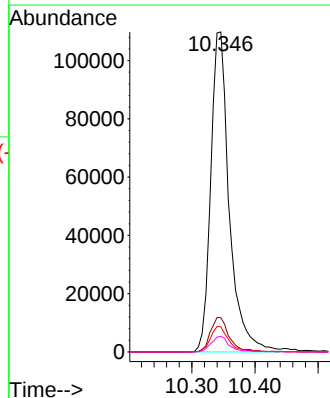
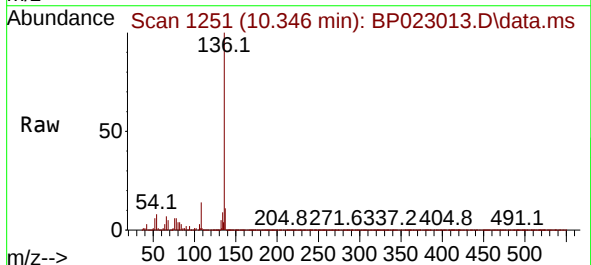
Instrument :
BNA_P
ClientSampleId :
PB164382BL

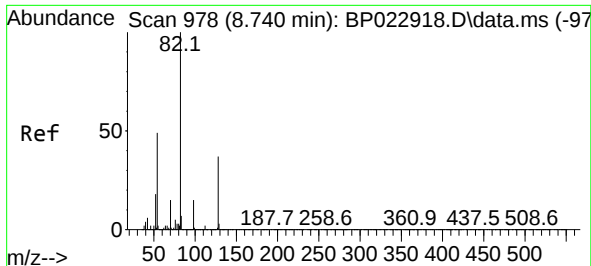
Tgt Ion: 99 Resp: 647525
Ion Ratio Lower Upper
99 100
42 20.1 15.8 23.6
71 47.3 36.6 55.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.346 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BP023013.D
Acq: 11 Nov 2024 14:16

Tgt Ion: 136 Resp: 223526
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 7.9 6.4 9.6
68 4.9 3.9 5.9

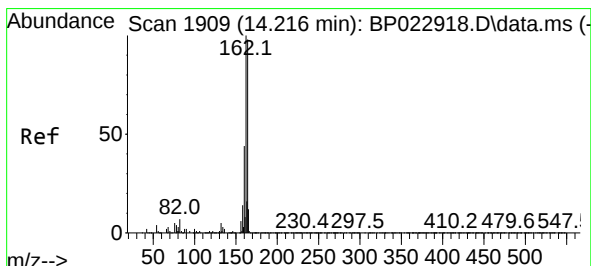
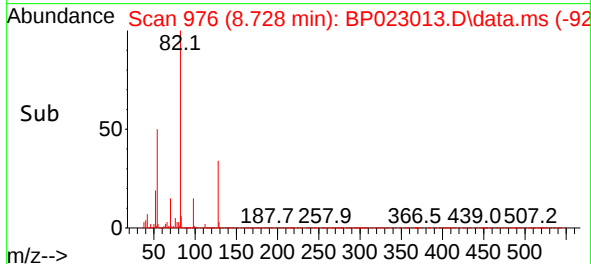
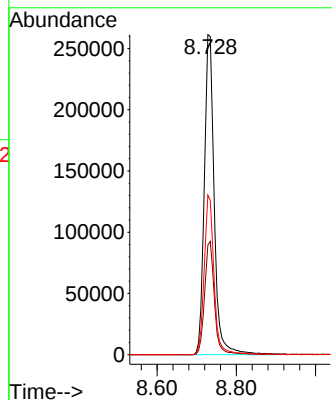
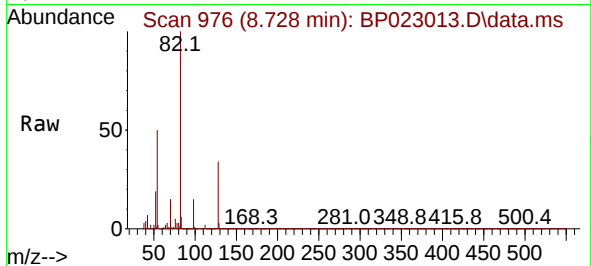




#23
Nitrobenzene-d5
Concen: 96.626 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP023013.D
Acq: 11 Nov 2024 14:16

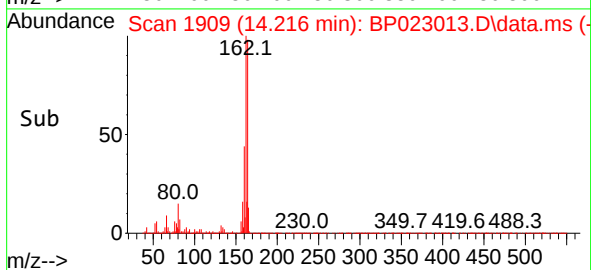
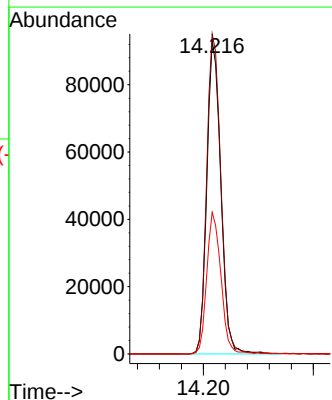
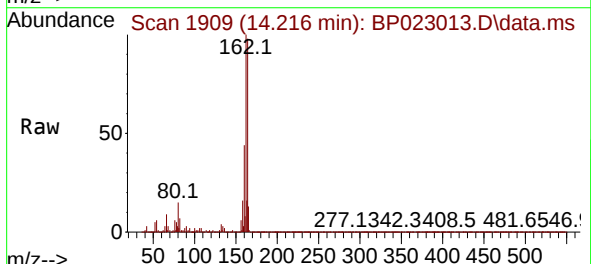
Instrument :
BNA_P
ClientSampleId :
PB164382BL

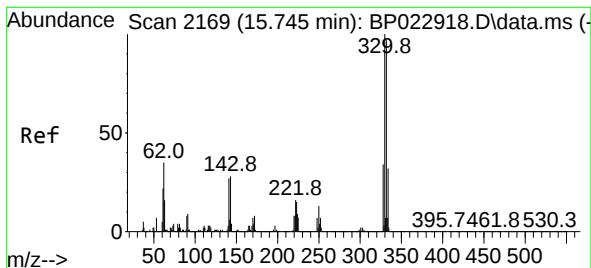
Tgt Ion: 82 Resp: 457169
Ion Ratio Lower Upper
82 100
128 34.2 29.8 44.8
54 49.8 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.216 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BP023013.D
Acq: 11 Nov 2024 14:16

Tgt Ion:164 Resp: 164019
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.8
160 45.2 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 137.850 ng

RT: 15.734 min Scan# 2169

Delta R.T. -0.012 min

Lab File: BP023013.D

Acq: 11 Nov 2024 14:16

Instrument :

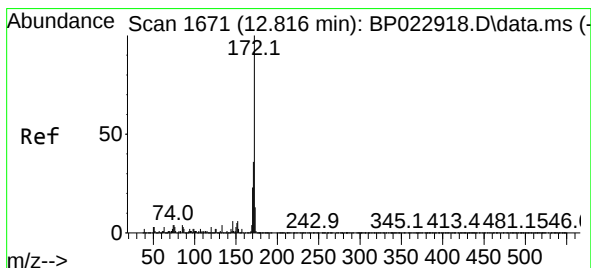
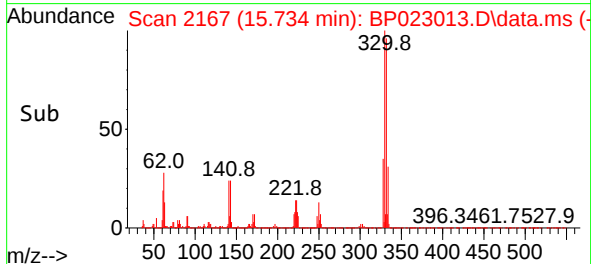
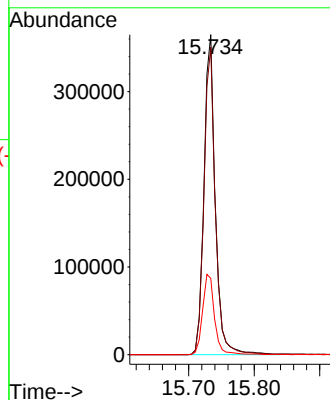
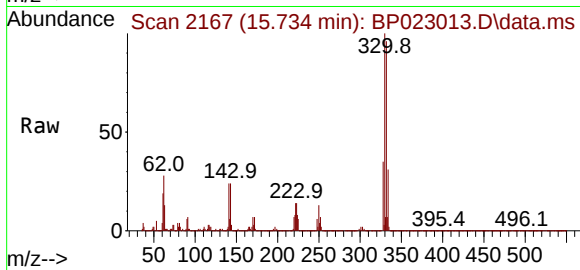
BNA_P

ClientSampleId :

PB164382BL

Tgt Ion:330 Resp: 438254

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	26.6	21.6	32.4



#45

2-Fluorobiphenyl

Concen: 98.230 ng

RT: 12.816 min Scan# 1671

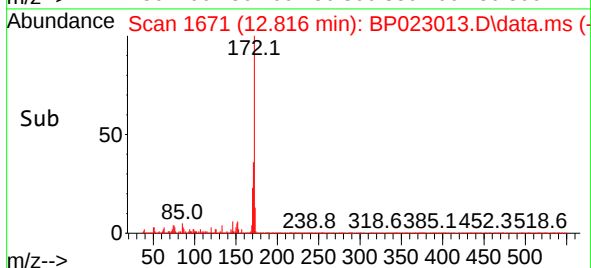
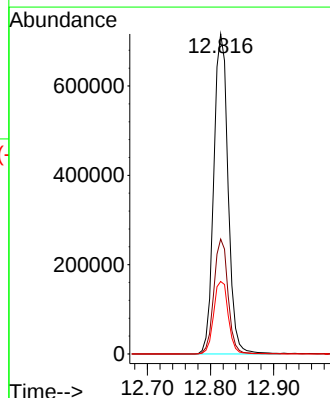
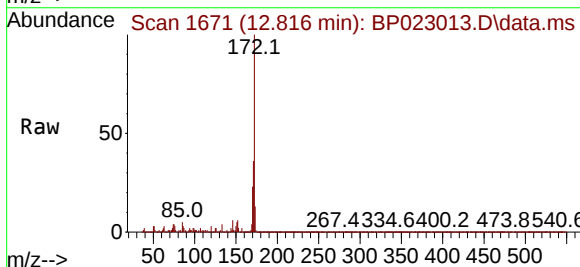
Delta R.T. 0.000 min

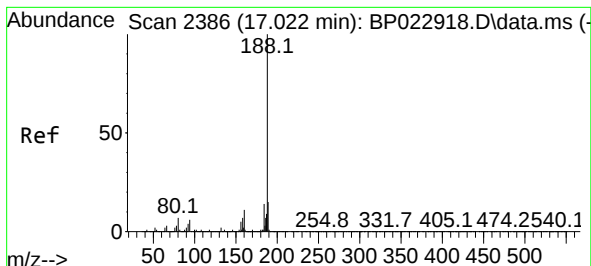
Lab File: BP023013.D

Acq: 11 Nov 2024 14:16

Tgt Ion:172 Resp: 1127587

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	22.7	18.6	27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.022 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP023013.D

Acq: 11 Nov 2024 14:16

Instrument :

BNA_P

ClientSampleId :

PB164382BL

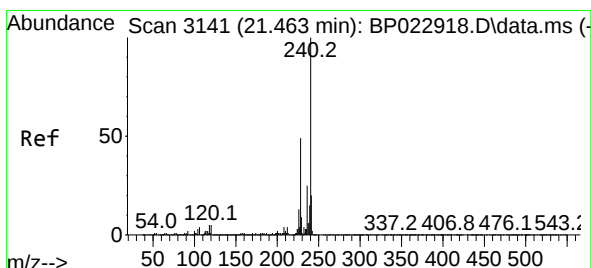
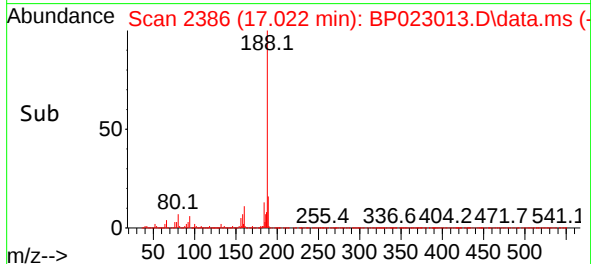
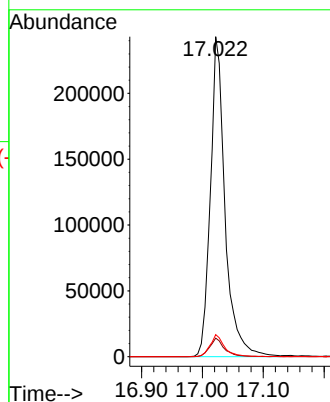
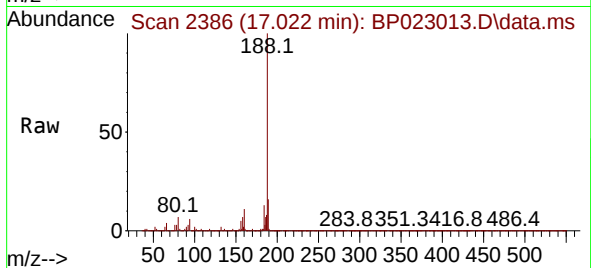
Tgt Ion:188 Resp: 407040

Ion Ratio Lower Upper

188 100

94 5.8 4.8 7.2

80 6.9 5.9 8.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.463 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BP023013.D

Acq: 11 Nov 2024 14:16

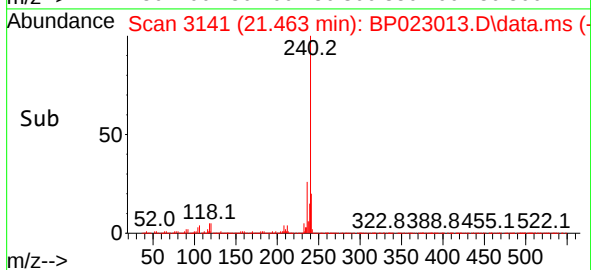
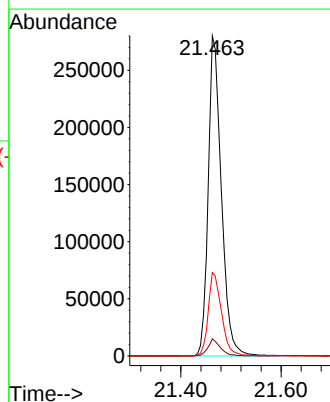
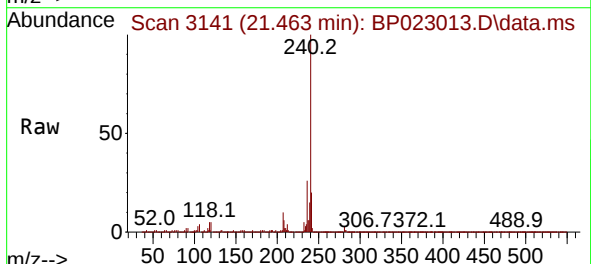
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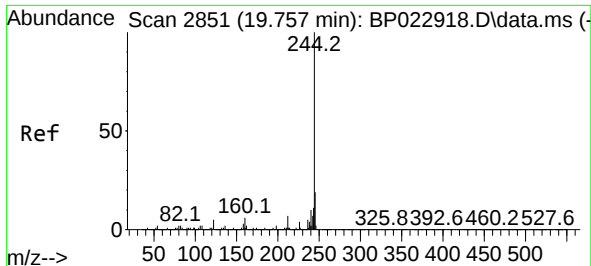
Ion Ratio Lower Upper

240 100

120 5.3 4.2 6.2

236 26.1 20.4 30.6

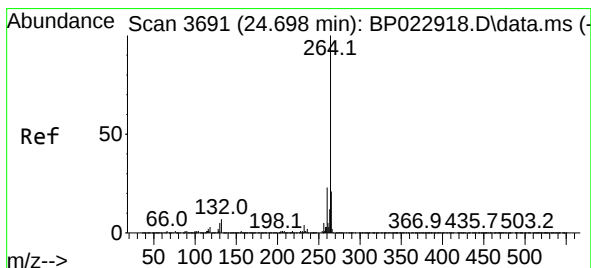
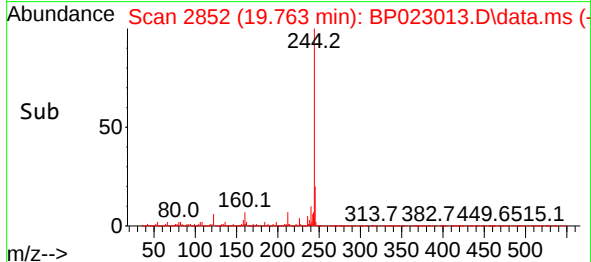
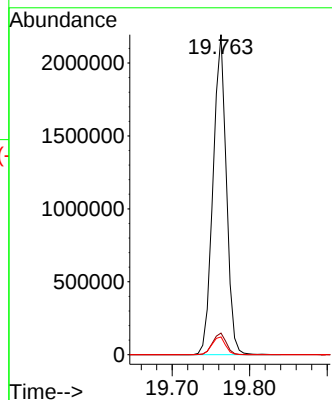
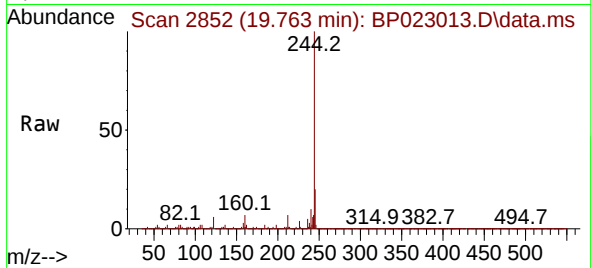




#79
 Terphenyl-d14
 Concen: 96.150 ng
 RT: 19.763 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP023013.D
 Acq: 11 Nov 2024 14:16

Instrument :
 BNA_P
 ClientSampleId :
 PB164382BL

Tgt Ion:244 Resp: 2617479
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 5.5 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.716 min Scan# 3694
 Delta R.T. 0.018 min
 Lab File: BP023013.D
 Acq: 11 Nov 2024 14:16

Tgt Ion:264 Resp: 587942
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 22.5 17.4 26.2

