

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015320.D
 Acq On : 26 May 2023 21:21
 Operator : CG/JU
 Sample : 02945-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC23

Quant Time: May 29 02:08:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

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

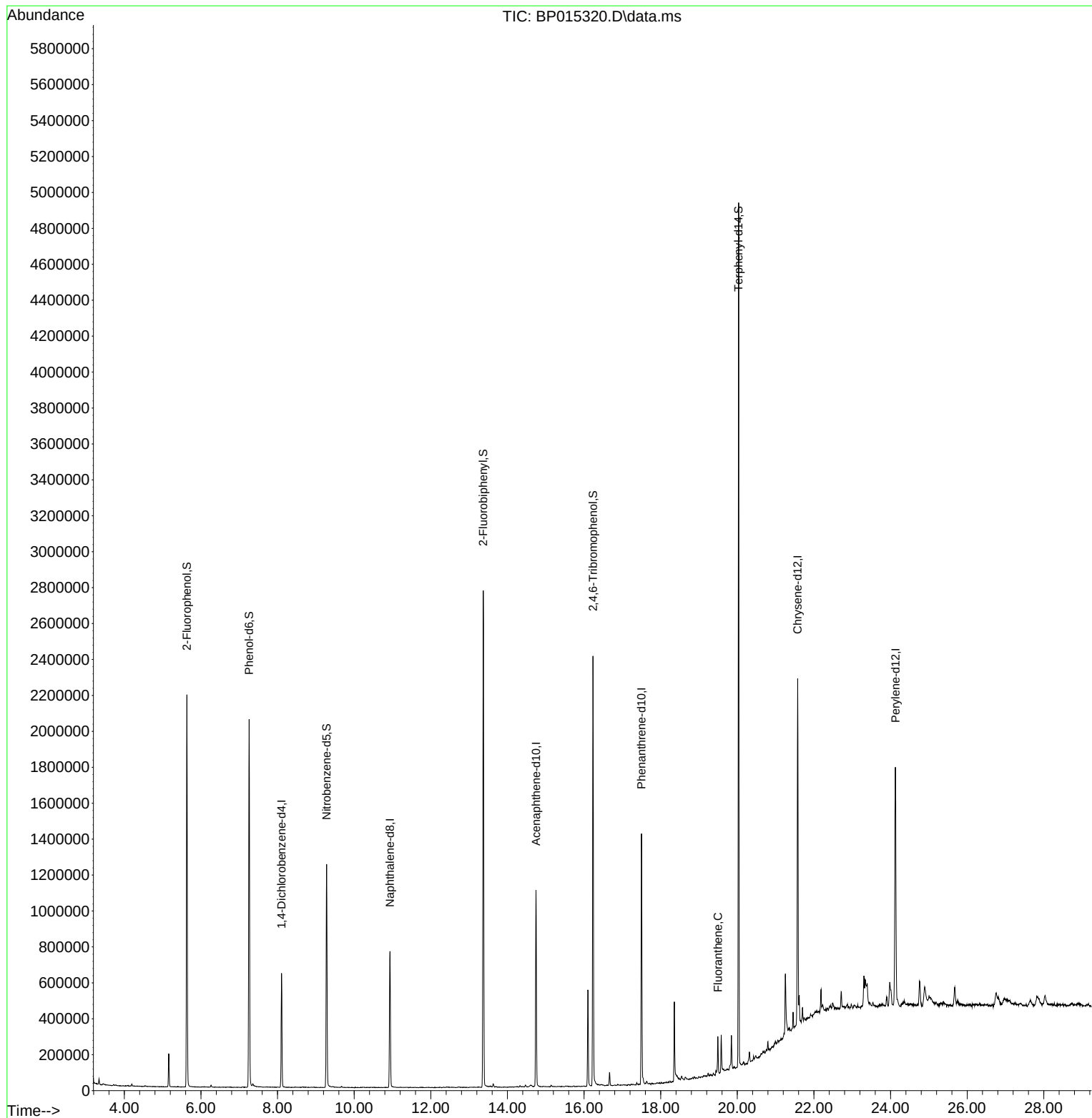
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	164684	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	623422	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	363408	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	810905	20.000	ng	0.00
76) Chrysene-d12	21.575	240	893933	20.000	ng	-0.01
86) Perylene-d12	24.127	264	1059444	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	892358	89.789	ng	0.00
7) Phenol-d6	7.258	99	1138108	87.383	ng	0.00
23) Nitrobenzene-d5	9.281	82	715613	56.046	ng	-0.01
42) 2,4,6-Tribromophenol	16.234	330	420613	85.171	ng	-0.01
45) 2-Fluorobiphenyl	13.369	172	1375985	50.834	ng	-0.01
79) Terphenyl-d14	20.033	244	2173716	45.738	ng	0.00
Target Compounds						
75) Fluoranthene	19.492	202	112883	2.236	ng	Qvalue 100

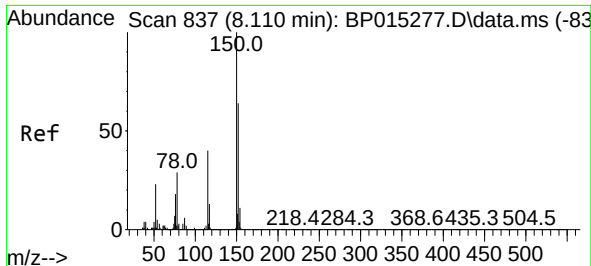
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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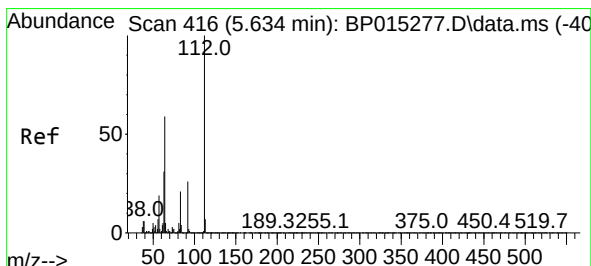
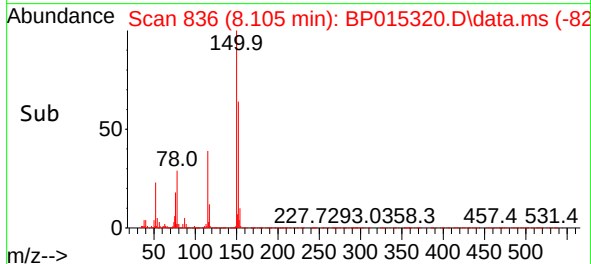
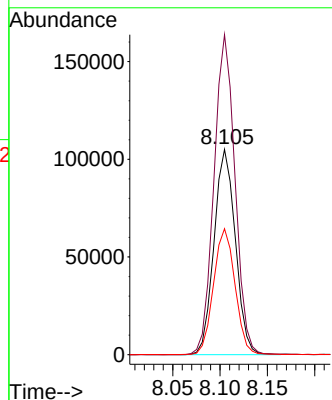
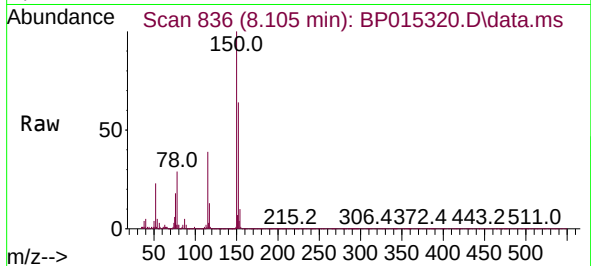




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP015320.D
Acq: 26 May 2023 21:21

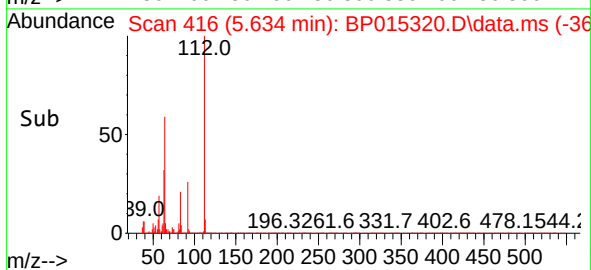
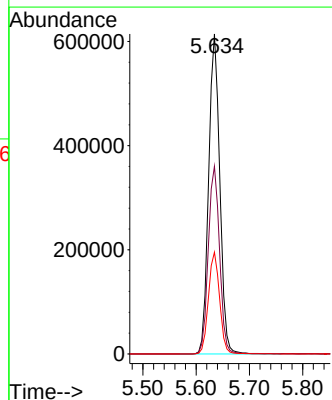
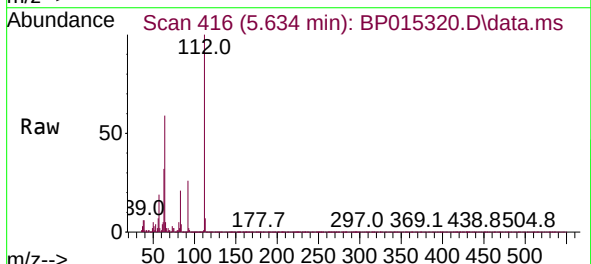
Instrument :
BNA_P
ClientSampleId :
WC23

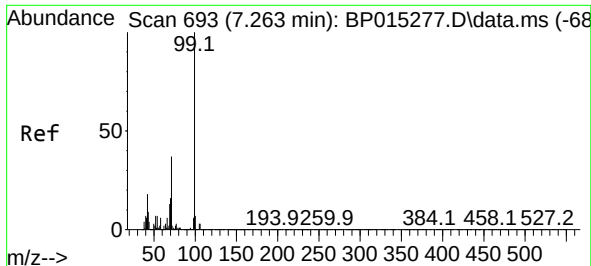
Tgt Ion:152 Resp: 164684
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 61.3 49.1 73.7



#5
2-Fluorophenol
Concen: 89.789 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP015320.D
Acq: 26 May 2023 21:21

Tgt Ion:112 Resp: 892358
Ion Ratio Lower Upper
112 100
64 58.7 47.2 70.8
63 31.8 24.6 37.0



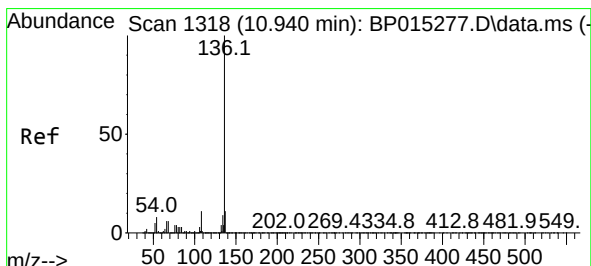
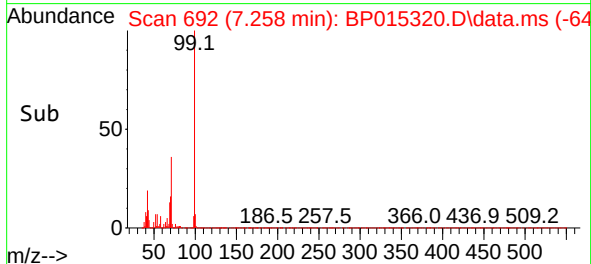
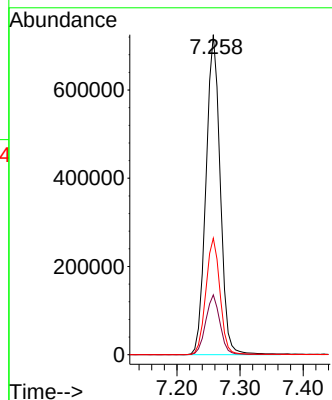
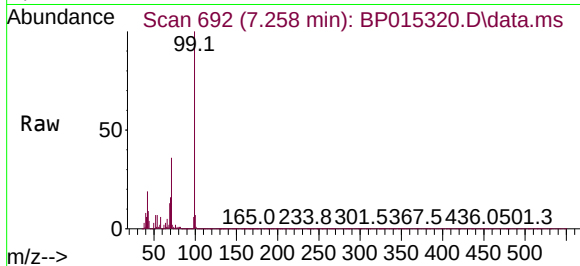


#7
Phenol-d6
Concen: 87.383 ng
RT: 7.258 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP015320.D
Acq: 26 May 2023 21:21

Instrument :
BNA_P
ClientSampleId :
WC23

Tgt Ion: 99 Resp: 1138108

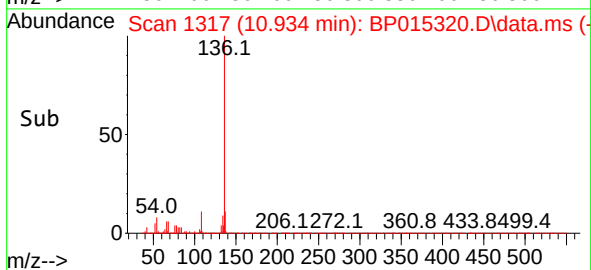
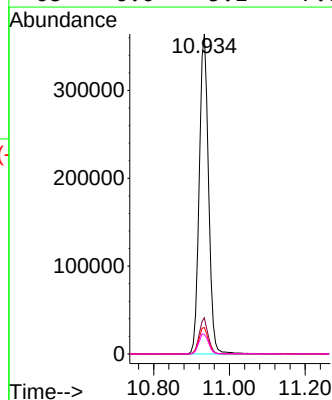
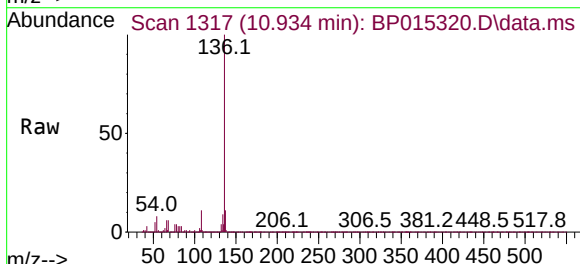
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.6	22.0
71	36.4	29.4	44.2

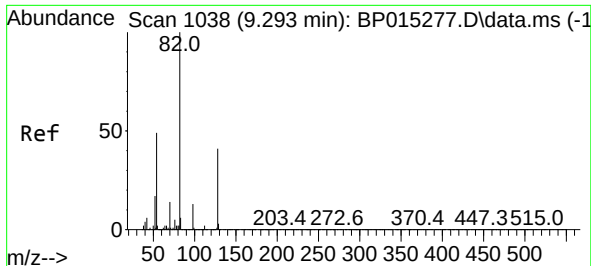


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP015320.D
Acq: 26 May 2023 21:21

Tgt Ion: 136 Resp: 623422

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.2	6.3	9.5
68	6.0	5.1	7.7

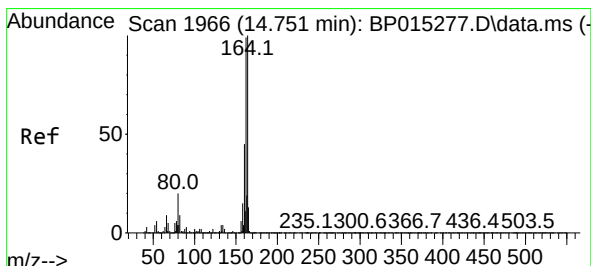
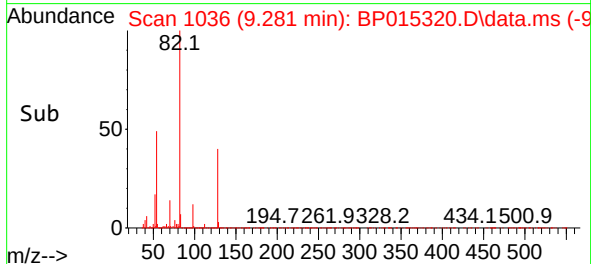
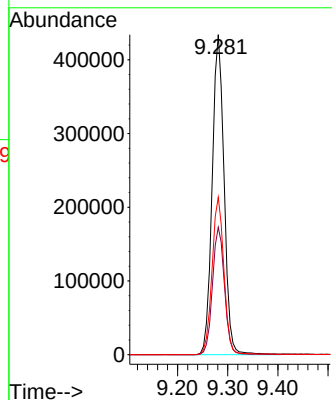
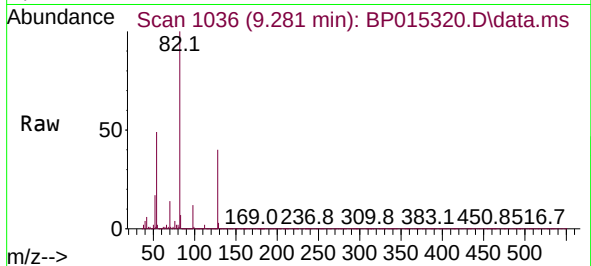




#23
Nitrobenzene-d5
Concen: 56.046 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP015320.D
Acq: 26 May 2023 21:21

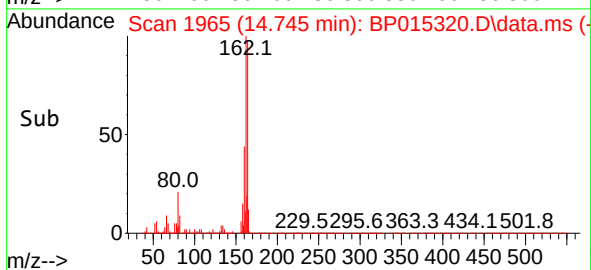
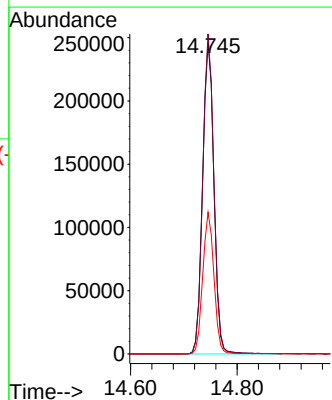
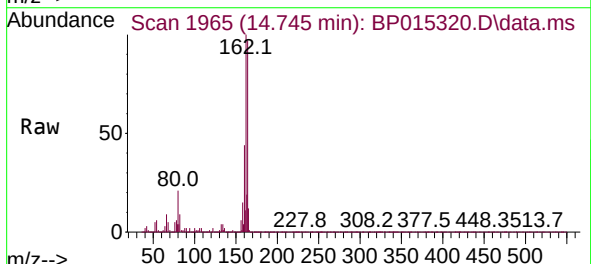
Instrument :
BNA_P
ClientSampleId :
WC23

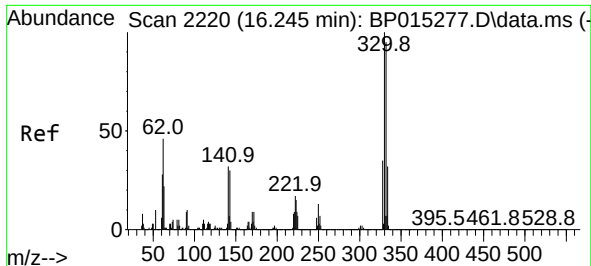
Tgt Ion: 82 Resp: 715613
Ion Ratio Lower Upper
82 100
128 39.8 33.0 49.4
54 49.2 39.2 58.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP015320.D
Acq: 26 May 2023 21:21

Tgt Ion: 164 Resp: 363408
Ion Ratio Lower Upper
164 100
162 102.8 79.4 119.2
160 45.5 35.6 53.4

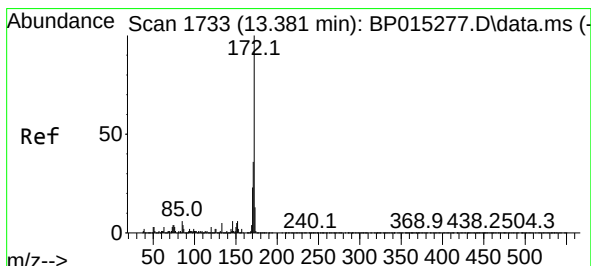
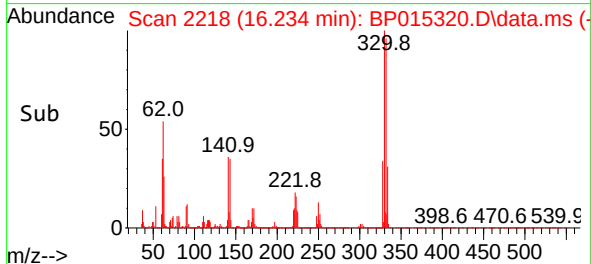
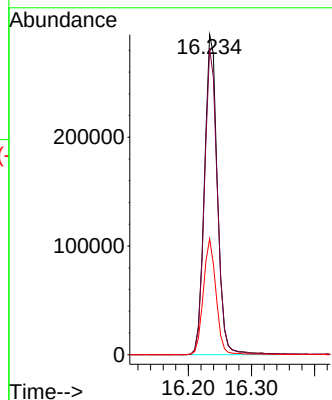
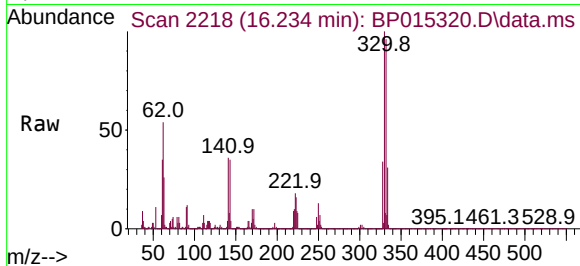




#42
2,4,6-Tribromophenol
Concen: 85.171 ng
RT: 16.234 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP015320.D
Acq: 26 May 2023 21:21

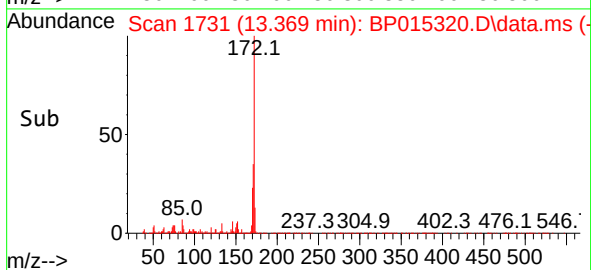
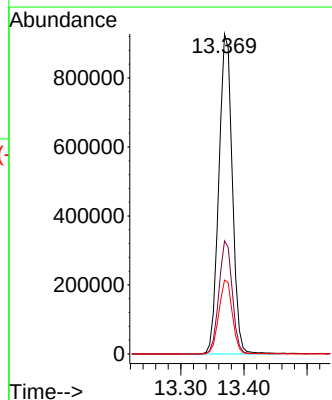
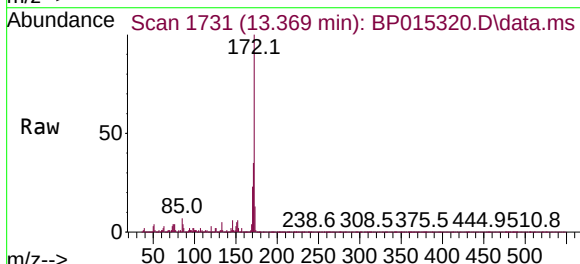
Instrument :
BNA_P
ClientSampleId :
WC23

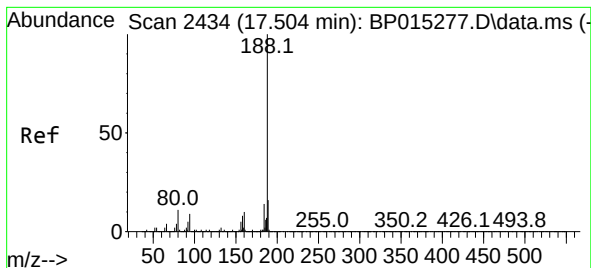
Tgt Ion:330 Resp: 420613
Ion Ratio Lower Upper
330 100
332 96.1 76.3 114.5
141 35.5 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 50.834 ng
RT: 13.369 min Scan# 1731
Delta R.T. -0.012 min
Lab File: BP015320.D
Acq: 26 May 2023 21:21

Tgt Ion:172 Resp: 1375985
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.498 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP015320.D

Acq: 26 May 2023 21:21

Instrument :

BNA_P

ClientSampleId :

WC23

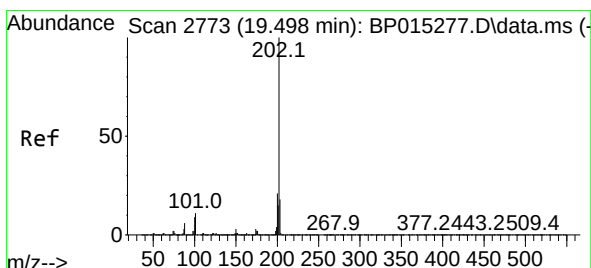
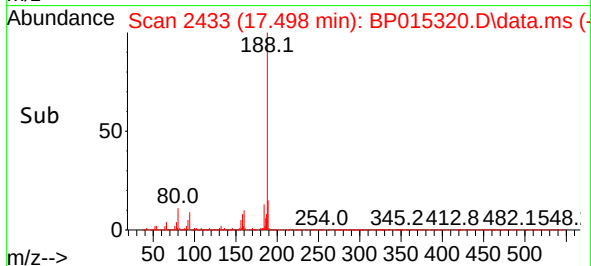
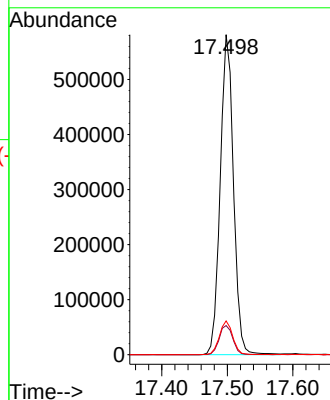
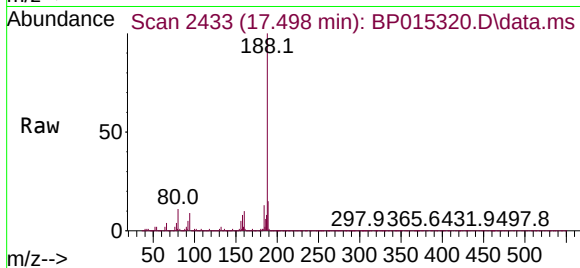
Tgt Ion:188 Resp: 810905

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.0

80 10.6 8.6 13.0



#75

Fluoranthene

Concen: 2.236 ng

RT: 19.492 min Scan# 2772

Delta R.T. -0.006 min

Lab File: BP015320.D

Acq: 26 May 2023 21:21

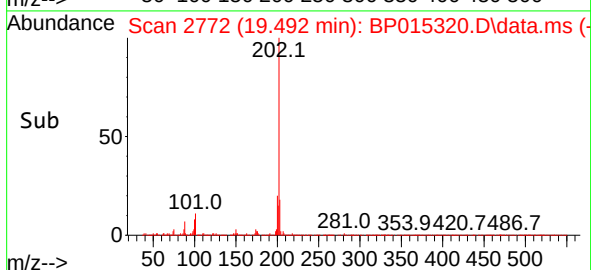
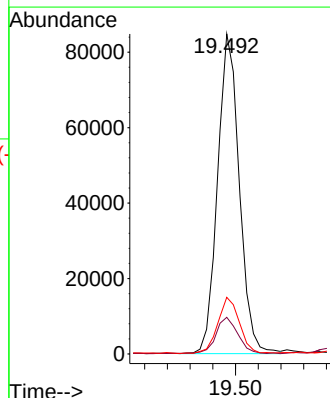
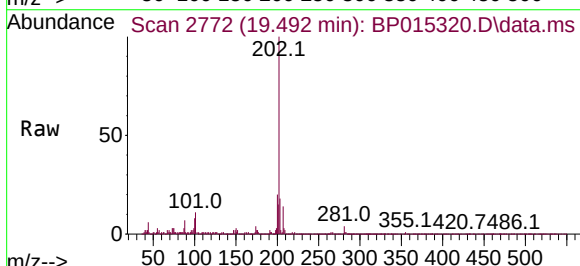
Tgt Ion:202 Resp: 112883

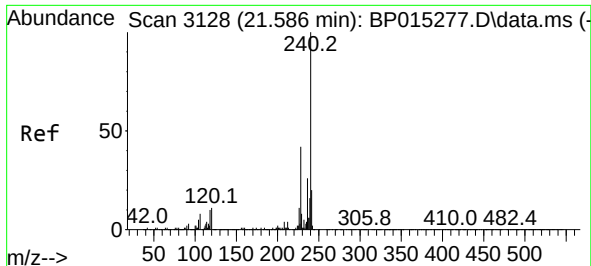
Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.4

203 17.7 0.0 37.6

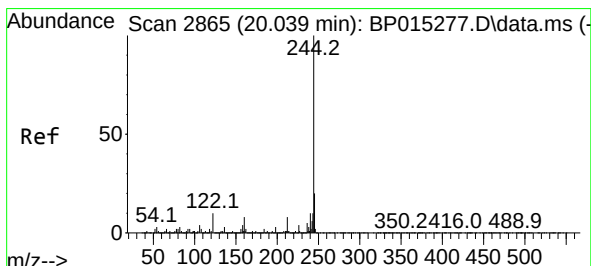
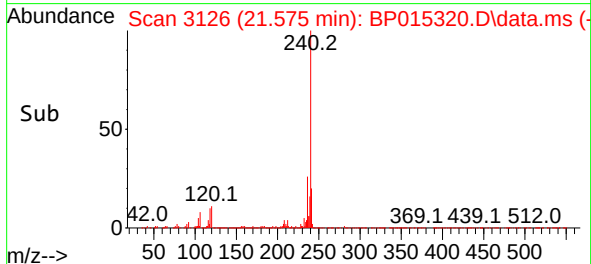
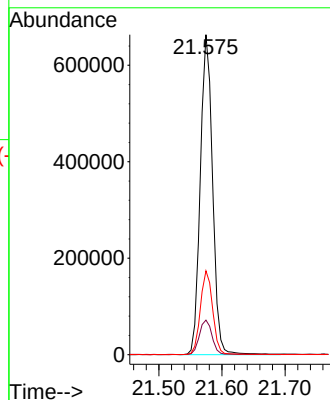
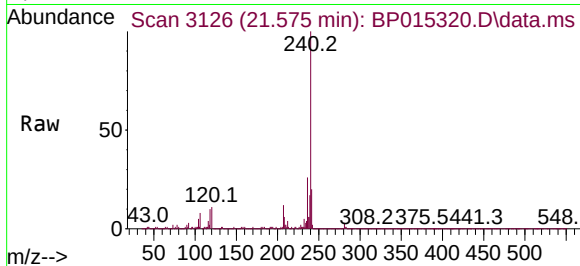




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP015320.D
Acq: 26 May 2023 21:21

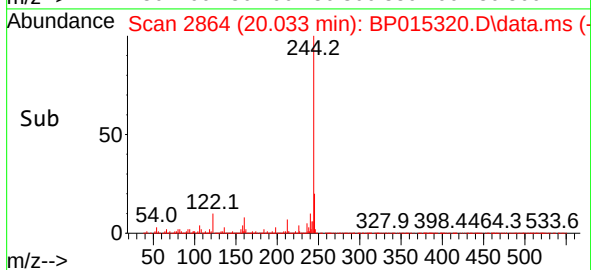
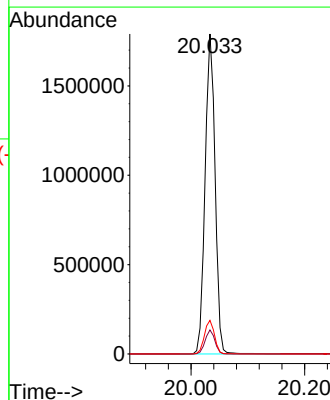
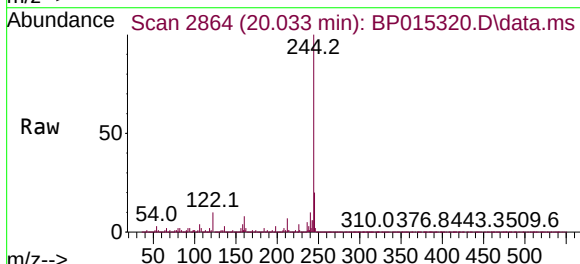
Instrument :
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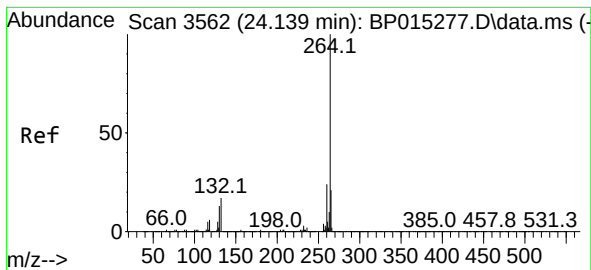
Tgt Ion:240 Resp: 893933
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 26.2 20.5 30.7



#79
Terphenyl-d14
Concen: 45.738 ng
RT: 20.033 min Scan# 2864
Delta R.T. -0.006 min
Lab File: BP015320.D
Acq: 26 May 2023 21:21

Tgt Ion:244 Resp: 2173716
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.5 8.2 12.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.127 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP015320.D

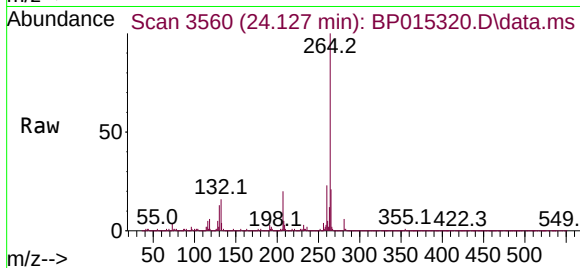
Acq: 26 May 2023 21:21

Instrument :

BNA_P

ClientSampleId :

WC23



Tgt Ion:264 Resp: 1059444

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.6
265	21.4	17.5	26.3

264 100

260 22.6 19.0 28.6

265 21.4 17.5 26.3

