

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015328.D
 Acq On : 27 May 2023 01:49
 Operator : CG/JU
 Sample : 02945-02 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC20

Quant Time: May 29 02:11:11 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	8.116	152	270234	20.000	ng	0.00
21) Naphthalene-d8	10.946	136	963426	20.000	ng	0.00
39) Acenaphthene-d10	14.757	164	496789	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	1026847	20.000	ng	0.00
76) Chrysene-d12	21.592	240	899165	20.000	ng	0.00
86) Perylene-d12	24.157	264	1113234	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	763652	46.826	ng	0.01
7) Phenol-d6	7.269	99	939795	43.973	ng	0.00
23) Nitrobenzene-d5	9.287	82	575561	29.169	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	306873	45.456	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	1059273	28.626	ng	0.00
79) Terphenyl-d14	20.045	244	1335960	27.947	ng	0.00

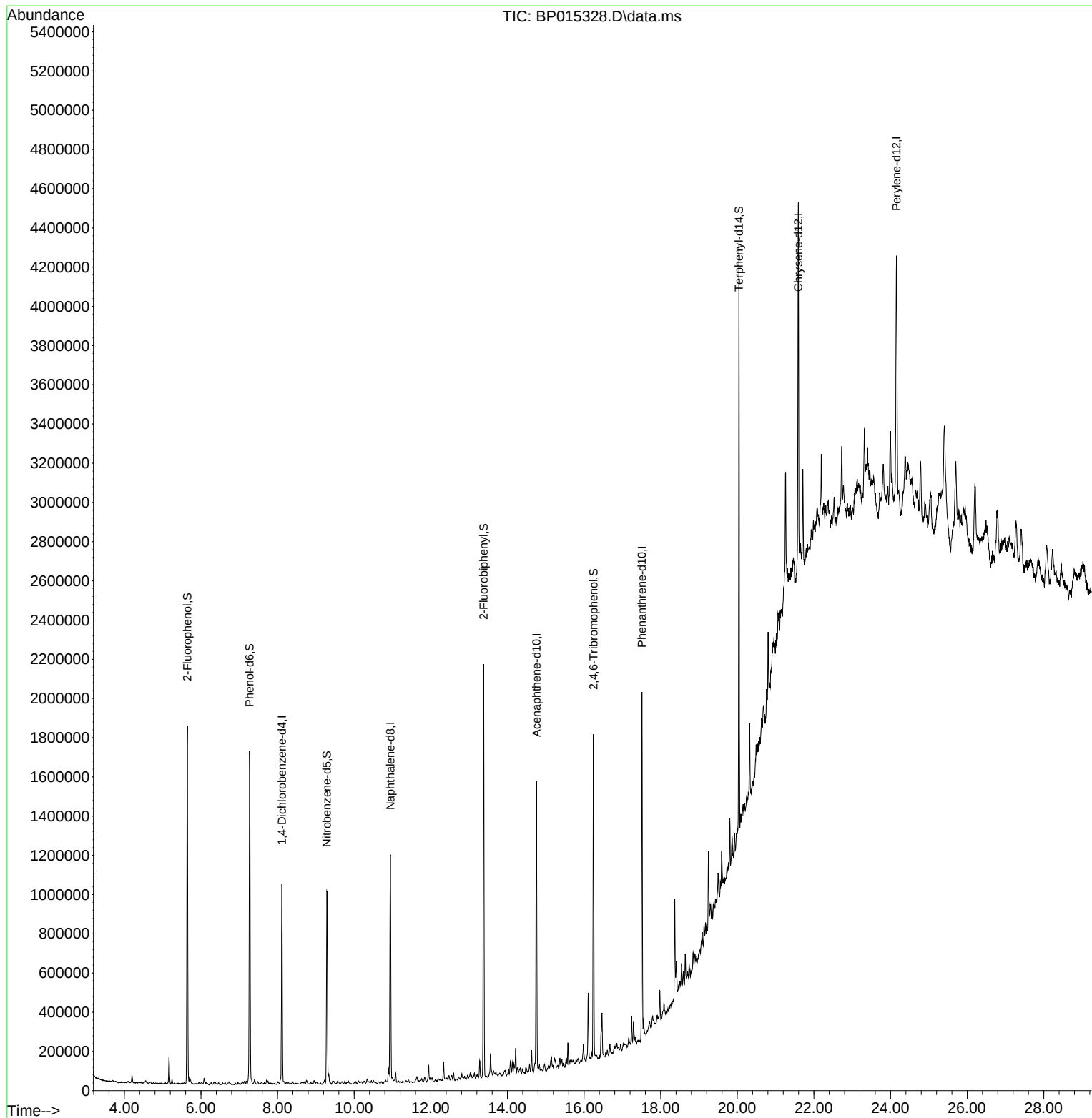
Target Compounds	Qvalue

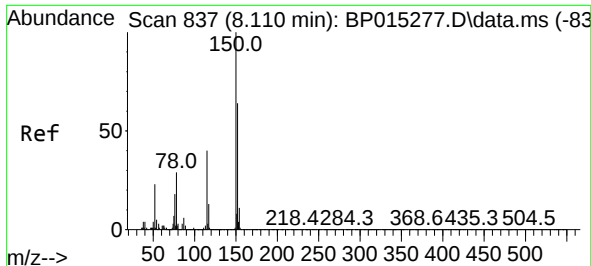
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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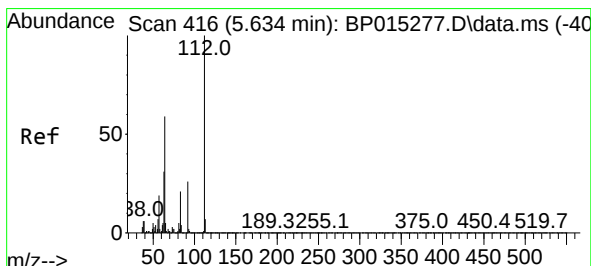
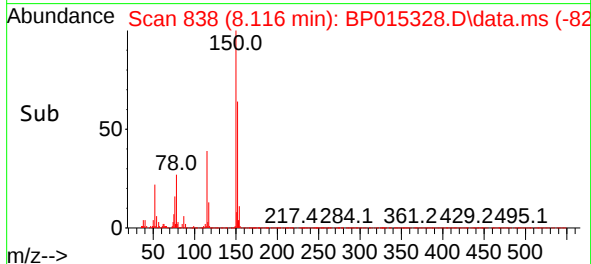
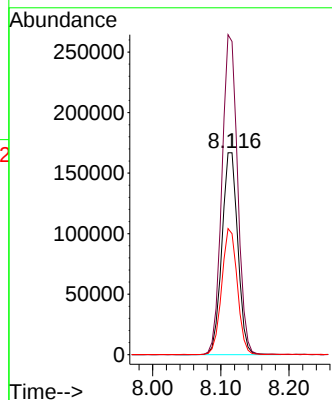
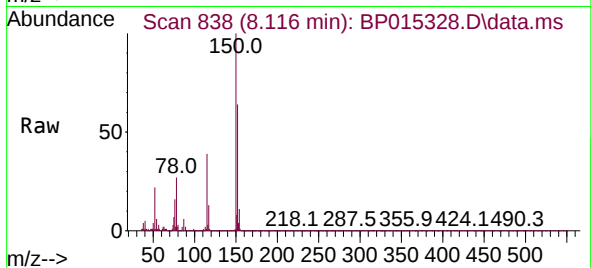




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

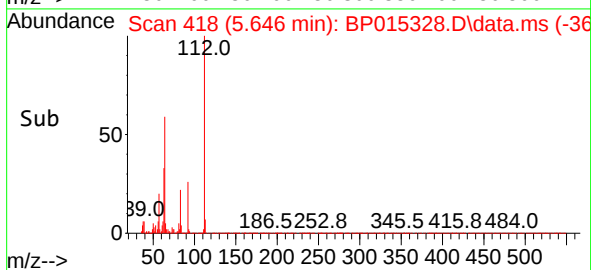
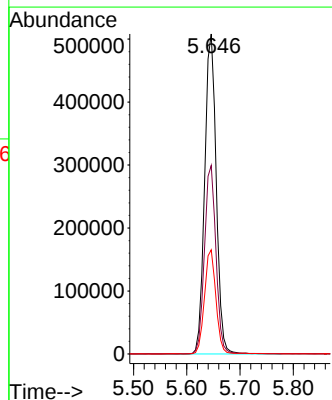
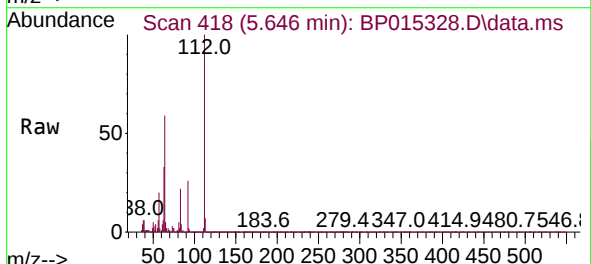
Instrument :
BNA_P
ClientSampleId :
WC20

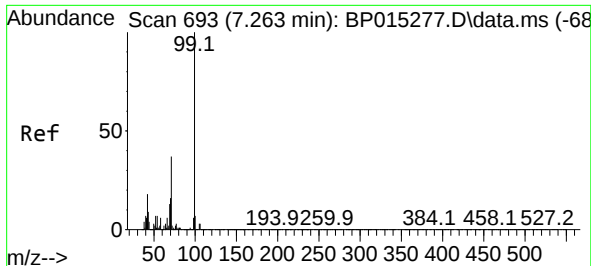
Tgt Ion:152 Resp: 270234
Ion Ratio Lower Upper
152 100
150 155.1 124.2 186.2
115 59.9 49.1 73.7



#5
2-Fluorophenol
Concen: 46.826 ng
RT: 5.646 min Scan# 418
Delta R.T. 0.012 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

Tgt Ion:112 Resp: 763652
Ion Ratio Lower Upper
112 100
64 58.9 47.2 70.8
63 32.6 24.6 37.0

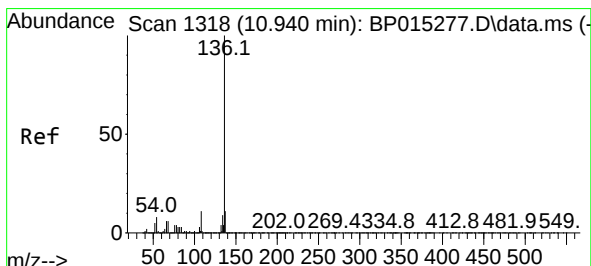
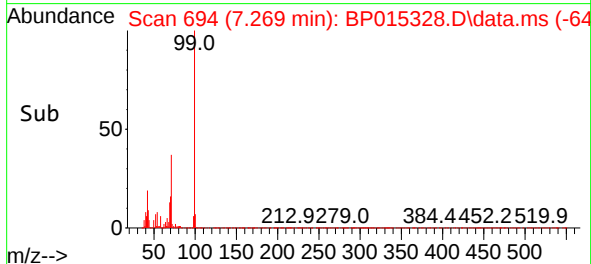
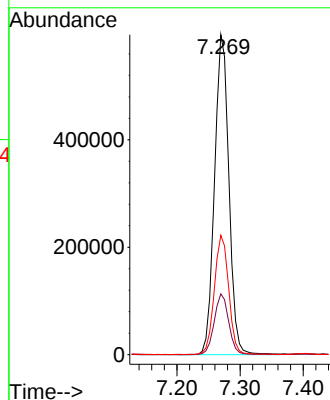
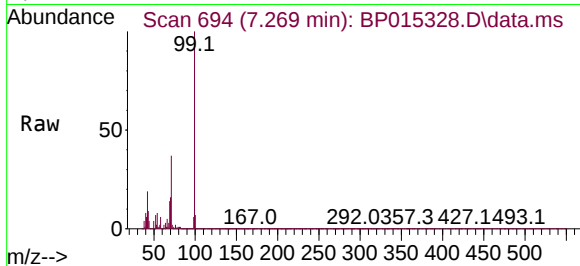




#7
Phenol-d6
Concen: 43.973 ng
RT: 7.269 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

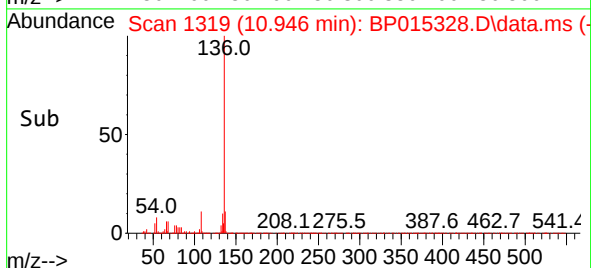
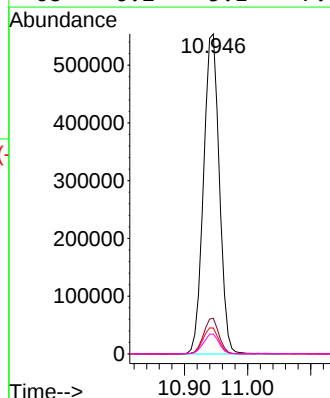
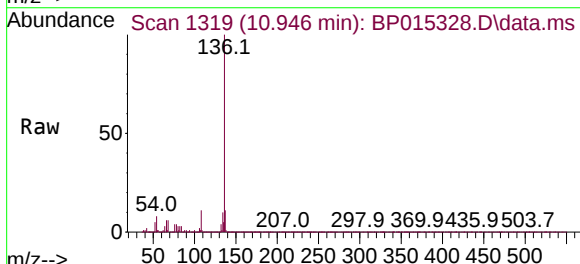
Instrument :
BNA_P
ClientSampleId :
WC20

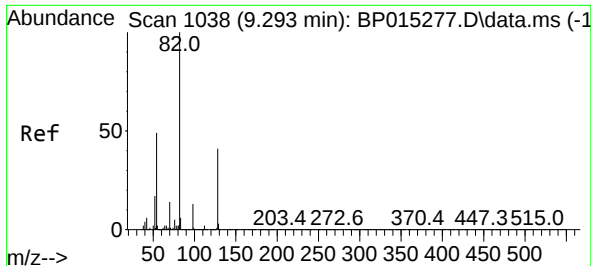
Tgt Ion: 99 Resp: 939795
Ion Ratio Lower Upper
99 100
42 19.0 14.6 22.0
71 37.3 29.4 44.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.946 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

Tgt Ion: 136 Resp: 963426
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.1 6.3 9.5
68 6.2 5.1 7.7

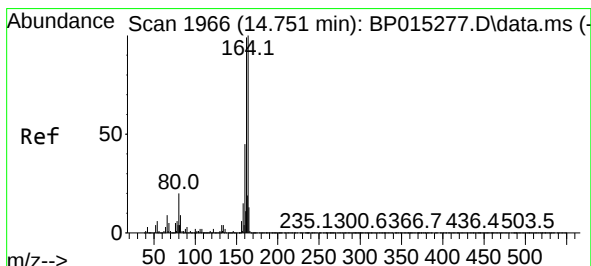
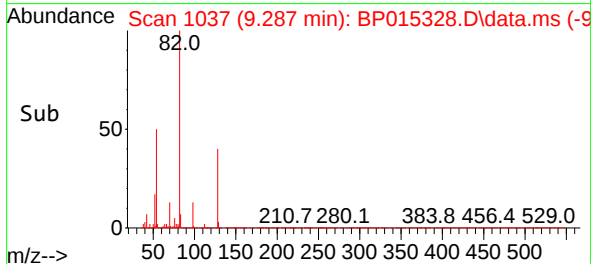
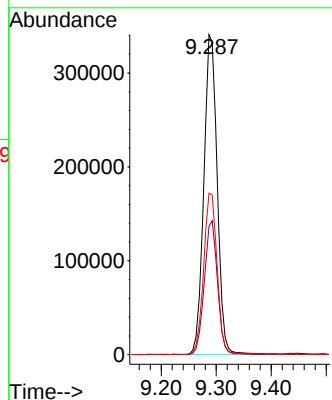
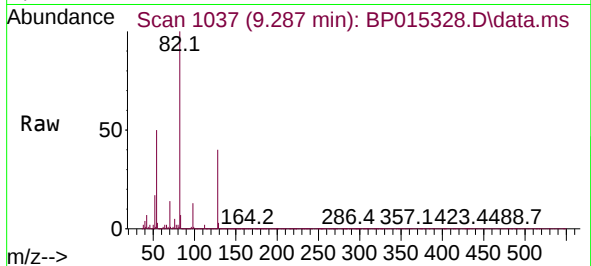




#23
Nitrobenzene-d5
Concen: 29.169 ng
RT: 9.287 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

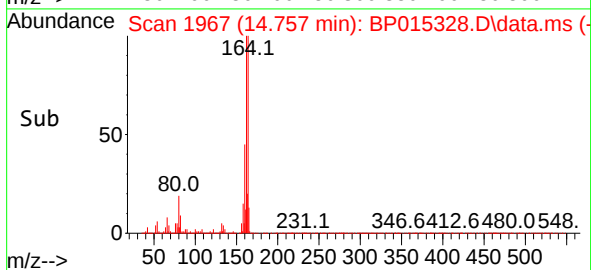
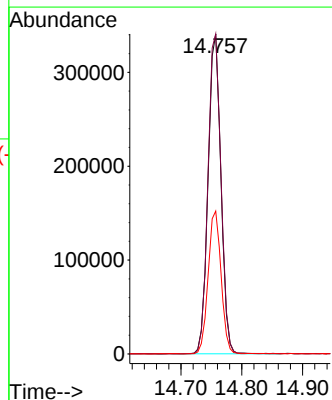
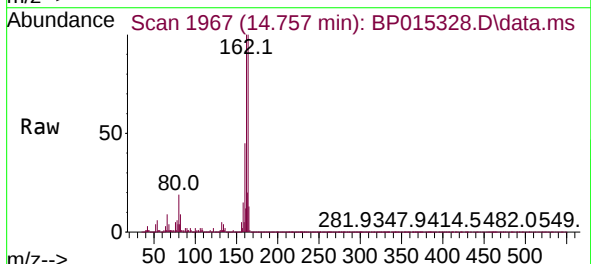
Instrument :
BNA_P
ClientSampleId :
WC20

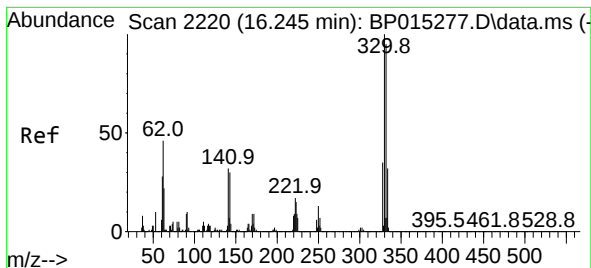
Tgt Ion: 82 Resp: 575561
Ion Ratio Lower Upper
82 100
128 40.0 33.0 49.4
54 50.5 39.2 58.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.757 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

Tgt Ion: 164 Resp: 496789
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 44.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 45.456 ng

RT: 16.245 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015328.D

Acq: 27 May 2023 01:49

Instrument :

BNA_P

ClientSampleId :

WC20

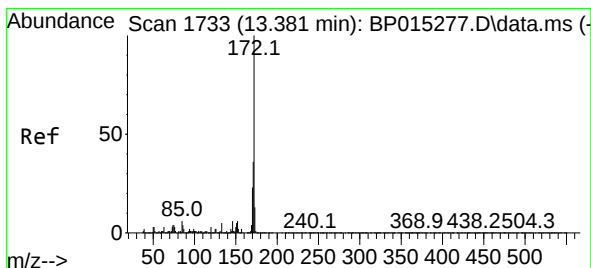
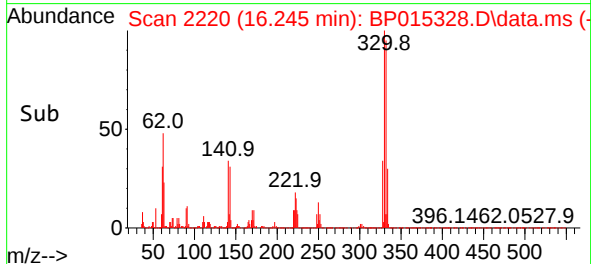
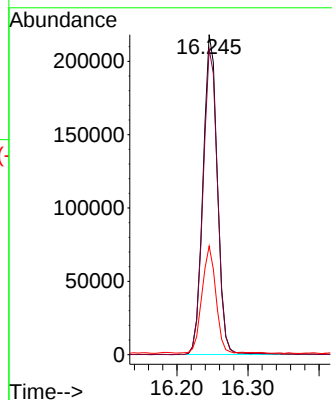
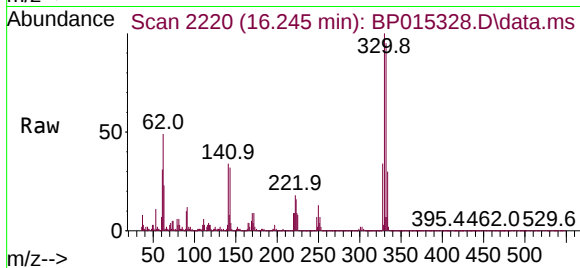
Tgt Ion:330 Resp: 306873

Ion Ratio Lower Upper

330 100

332 95.9 76.3 114.5

141 32.1 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 28.626 ng

RT: 13.381 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BP015328.D

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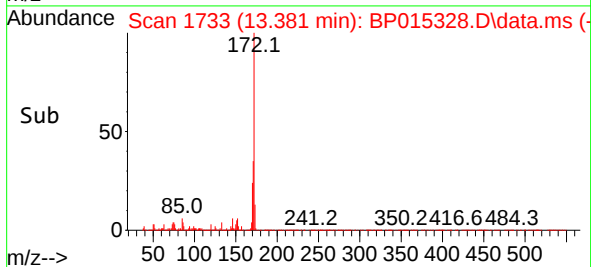
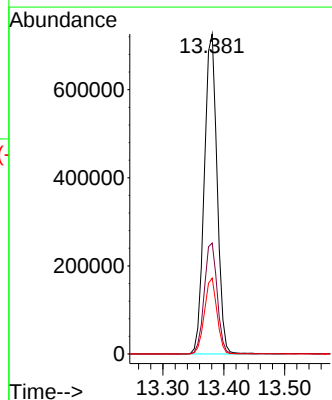
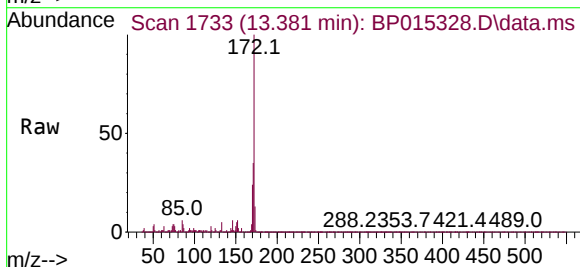
Tgt Ion:172 Resp: 1059273

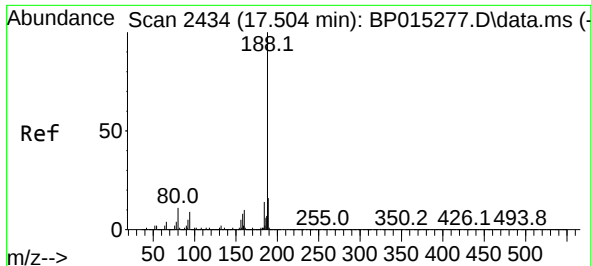
Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.7 18.7 28.1

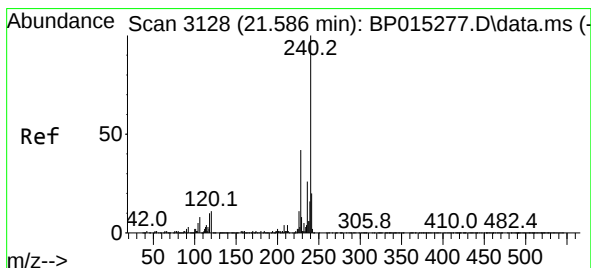
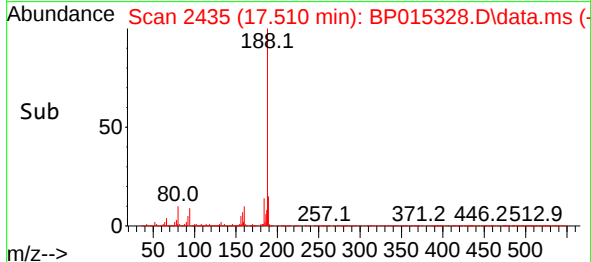
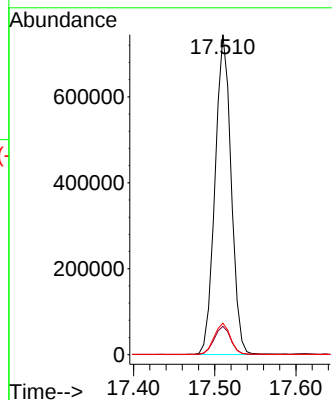
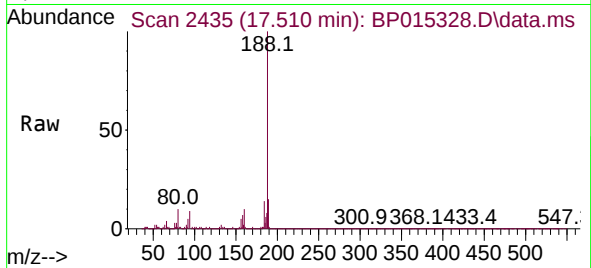




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.510 min Scan# 2435
Delta R.T. 0.006 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

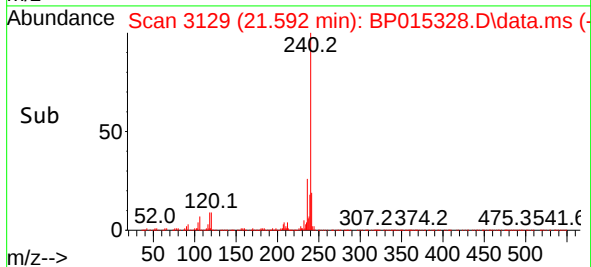
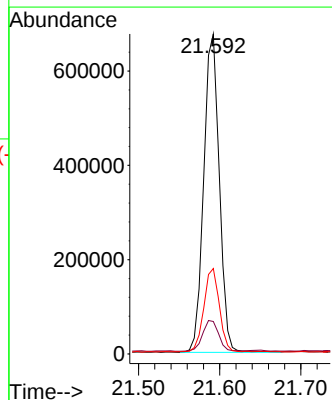
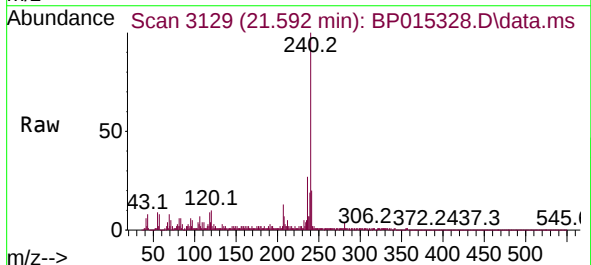
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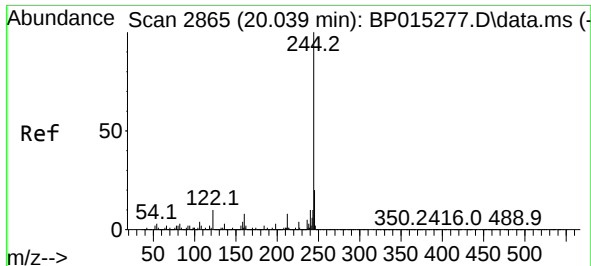
Tgt Ion:188 Resp: 1026847
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 9.9 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

Tgt Ion:240 Resp: 899165
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 26.7 20.5 30.7

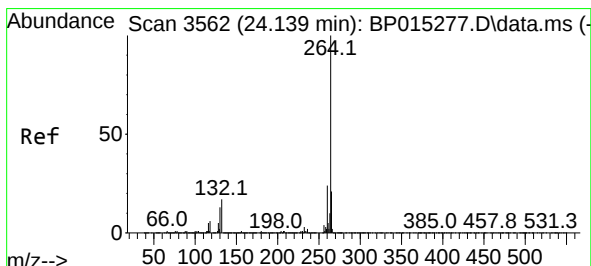
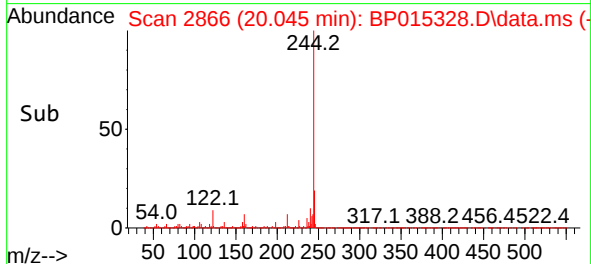
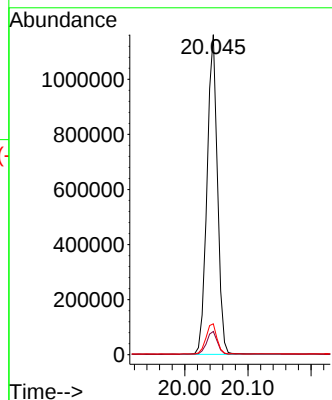
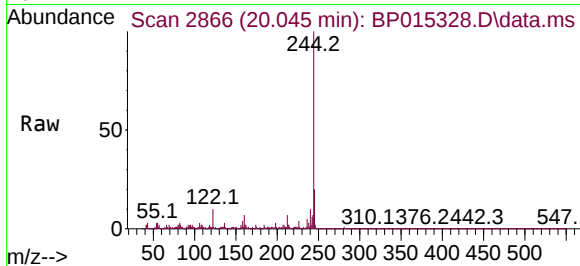




#79
 Terphenyl-d14
 Concen: 27.947 ng
 RT: 20.045 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP015328.D
 Acq: 27 May 2023 01:49

Instrument :
 BNA_P
 ClientSampleId :
 WC20

Tgt Ion:244 Resp: 1335960
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.7 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.157 min Scan# 3565
 Delta R.T. 0.018 min
 Lab File: BP015328.D
 Acq: 27 May 2023 01:49

Tgt Ion:264 Resp: 1113234
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.1 17.5 26.3

