

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015319.D
 Acq On : 26 May 2023 20:47
 Operator : CG/JU
 Sample : 02945-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC17

Quant Time: May 29 02:08:07 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	8.104	152	166463	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	650793	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	382902	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	850398	20.000	ng	0.00
76) Chrysene-d12	21.574	240	894027	20.000	ng	-0.01
86) Perylene-d12	24.121	264	1052805	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1014051	100.943	ng	0.00
7) Phenol-d6	7.258	99	1288040	97.838	ng	0.00
23) Nitrobenzene-d5	9.281	82	817199	61.311	ng	-0.01
42) 2,4,6-Tribromophenol	16.233	330	504272	96.912	ng	-0.01
45) 2-Fluorobiphenyl	13.375	172	1654083	57.996	ng	0.00
79) Terphenyl-d14	20.033	244	2578125	54.242	ng	0.00

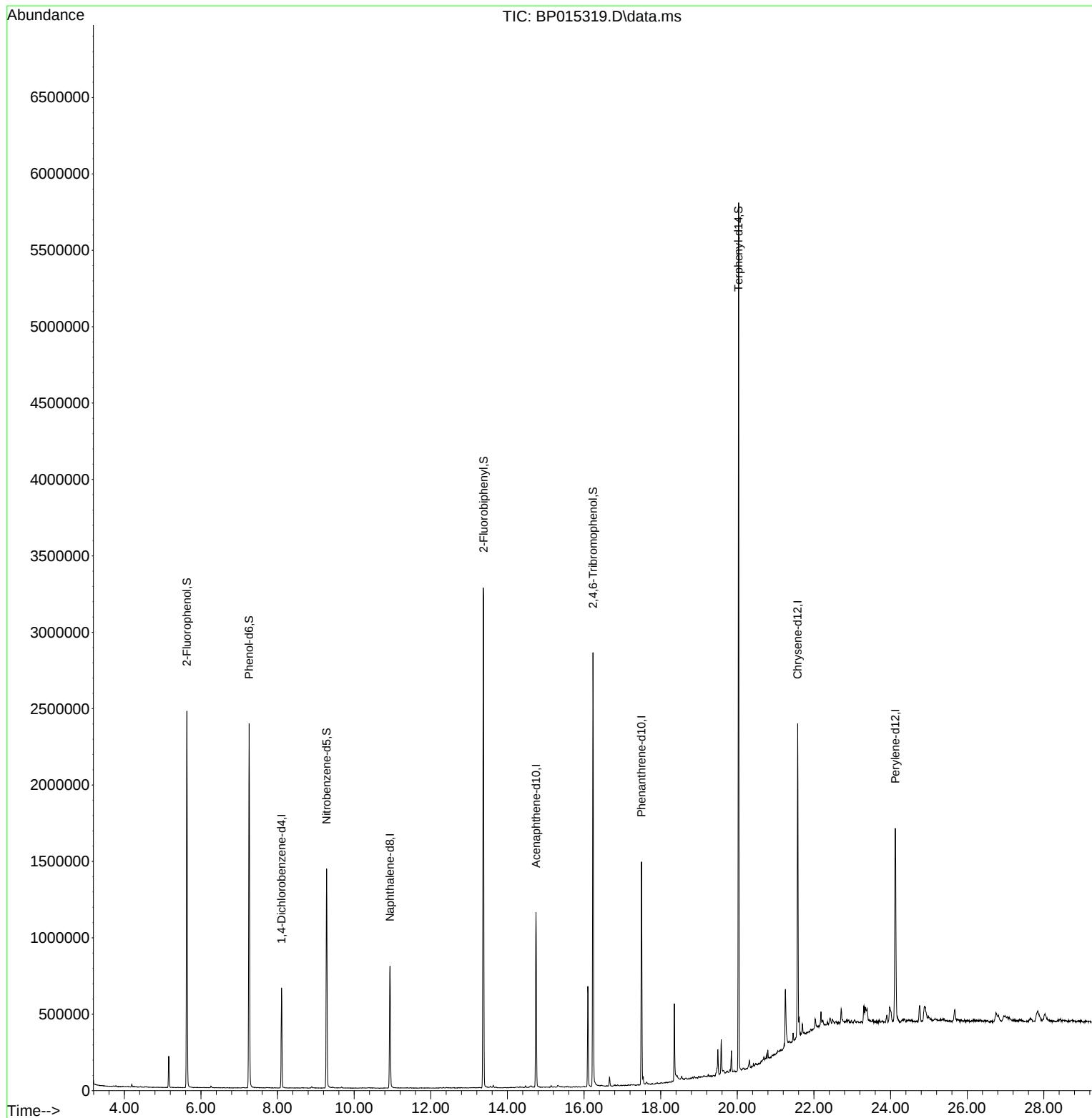
Target Compounds	Qvalue

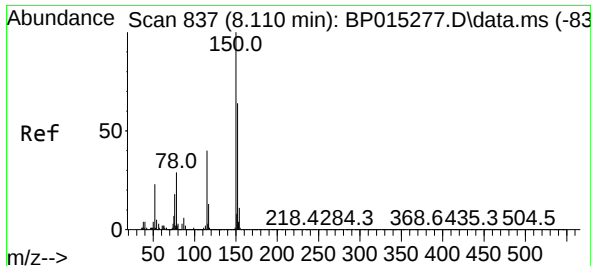
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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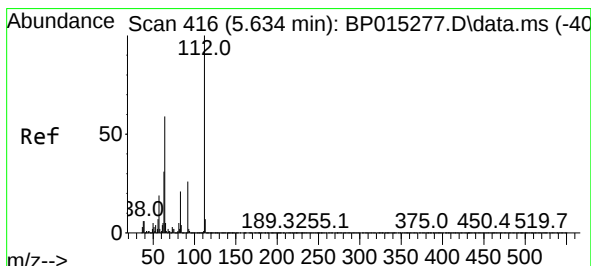
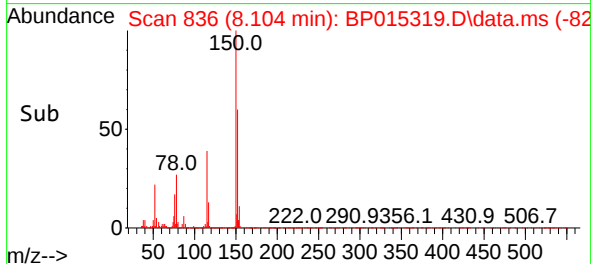
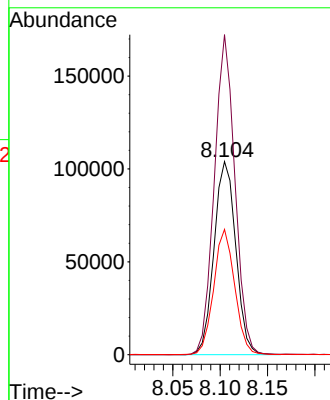
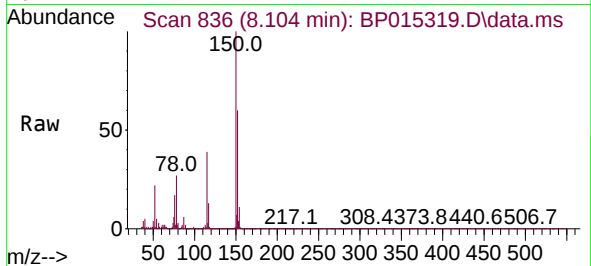




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.104 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP015319.D
Acq: 26 May 2023 20:47

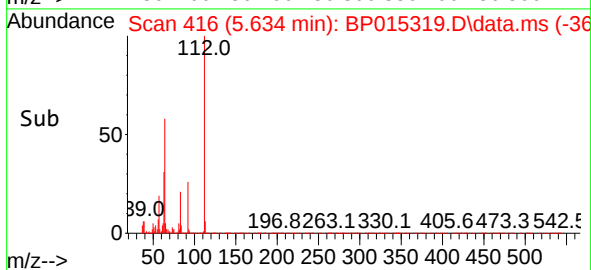
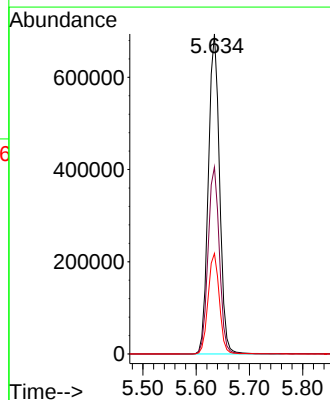
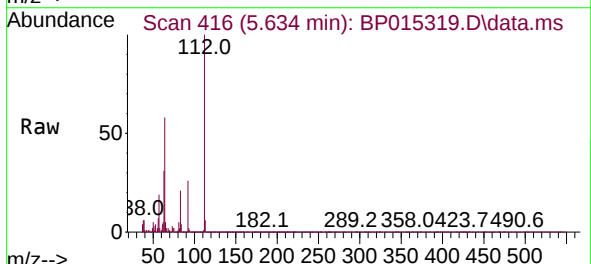
Instrument :
BNA_P
ClientSampleId :
WC17

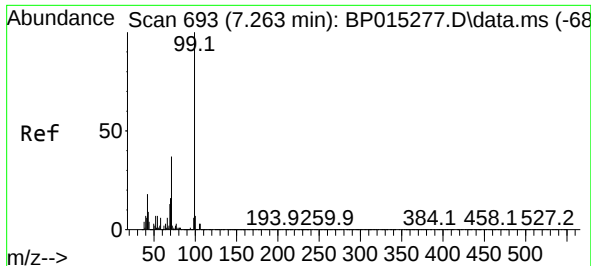
Tgt Ion:152 Resp: 166463
Ion Ratio Lower Upper
152 100
150 165.6 124.2 186.2
115 64.9 49.1 73.7



#5
2-Fluorophenol
Concen: 100.943 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP015319.D
Acq: 26 May 2023 20:47

Tgt Ion:112 Resp: 1014051
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 31.4 24.6 37.0

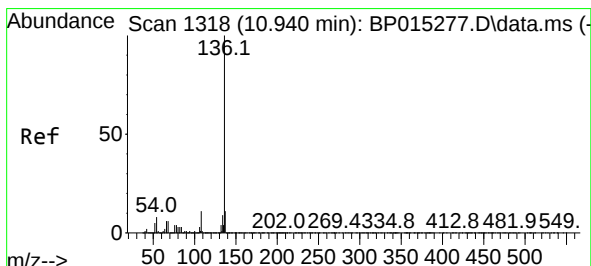
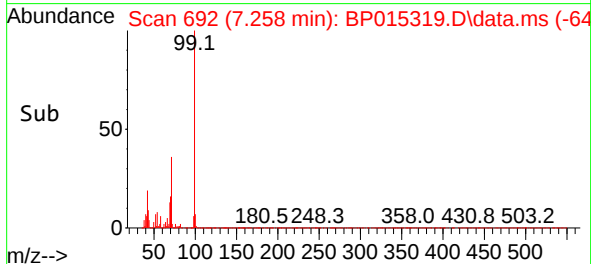
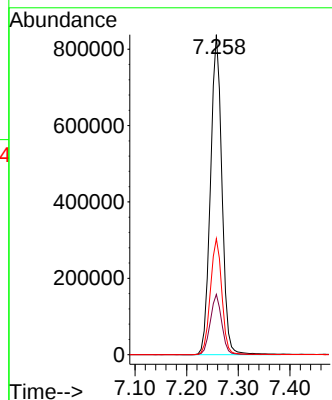
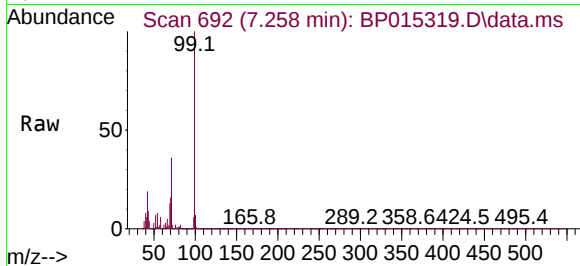




#7
Phenol-d6
Concen: 97.838 ng
RT: 7.258 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015319.D
Acq: 26 May 2023 20:47

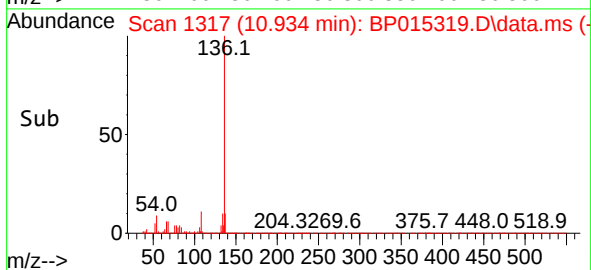
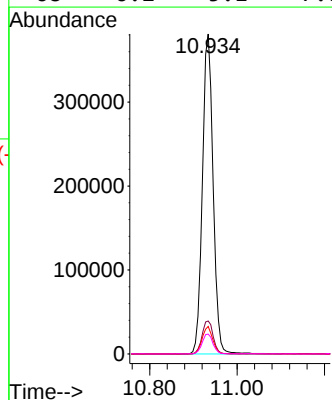
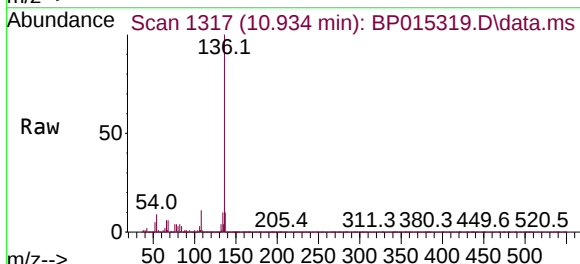
Instrument :
BNA_P
ClientSampleId :
WC17

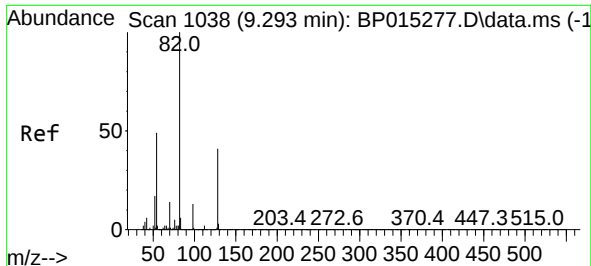
Tgt Ion: 99 Resp: 1288040
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 36.2 29.4 44.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP015319.D
Acq: 26 May 2023 20:47

Tgt Ion: 136 Resp: 650793
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 9.0 6.3 9.5
68 6.2 5.1 7.7

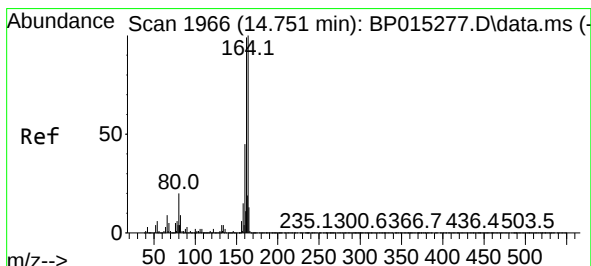
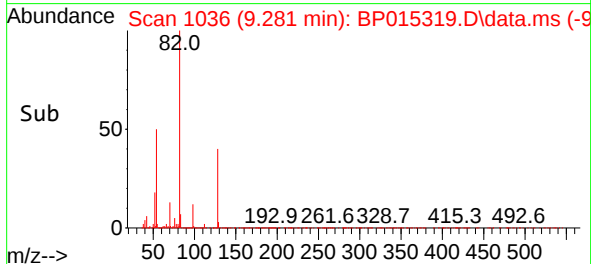
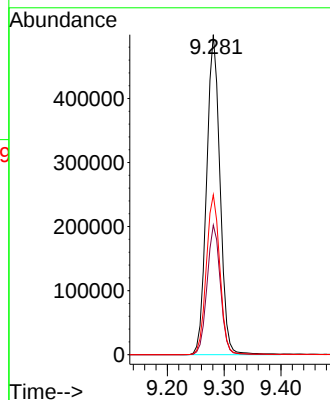
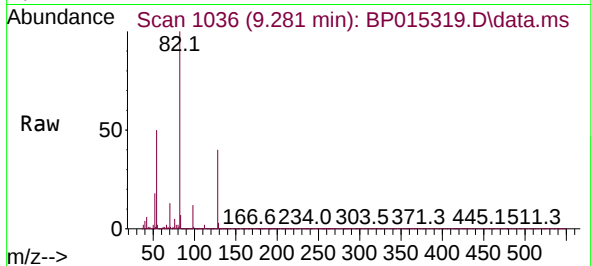




#23
Nitrobenzene-d5
Concen: 61.311 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP015319.D
Acq: 26 May 2023 20:47

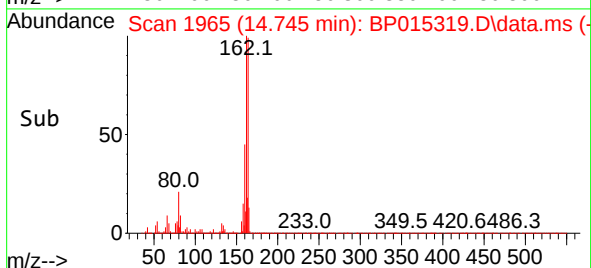
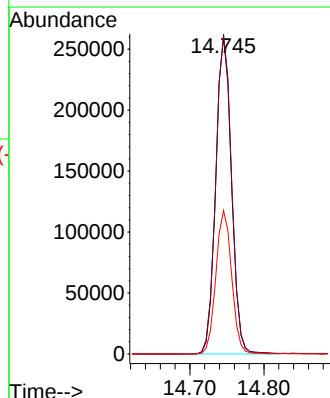
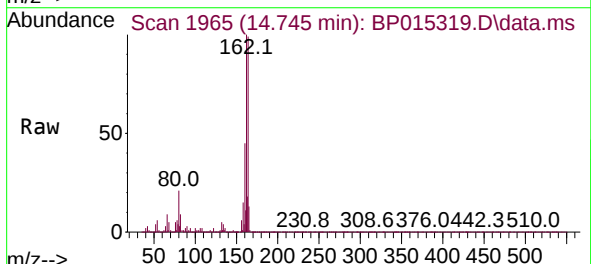
Instrument :
BNA_P
ClientSampleId :
WC17

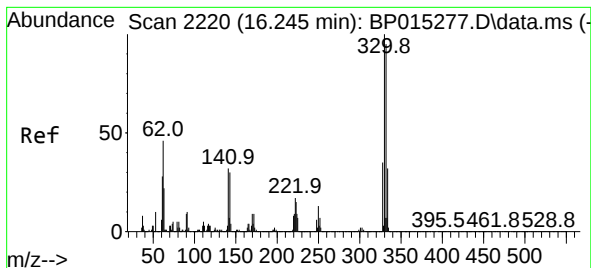
Tgt Ion: 82 Resp: 817199
Ion Ratio Lower Upper
82 100
128 40.5 33.0 49.4
54 50.0 39.2 58.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP015319.D
Acq: 26 May 2023 20:47

Tgt Ion: 164 Resp: 382902
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.2
160 45.3 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 96.912 ng

RT: 16.233 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP015319.D

Acq: 26 May 2023 20:47

Instrument :

BNA_P

ClientSampleId :

WC17

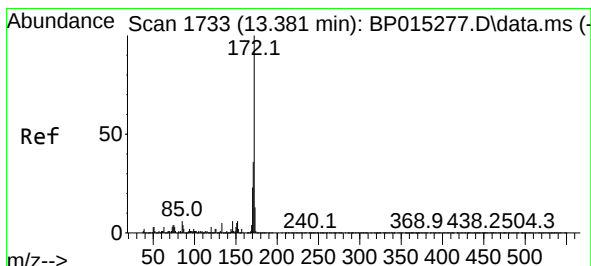
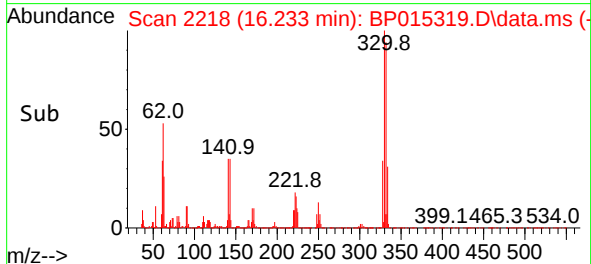
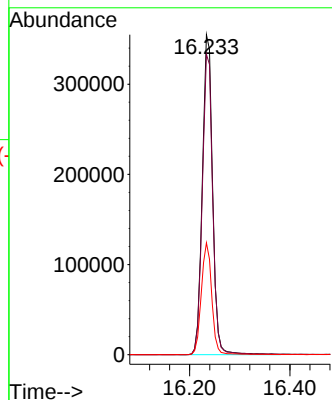
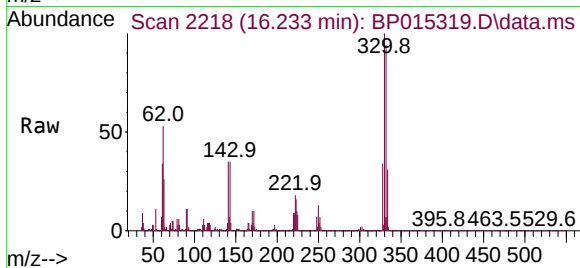
Tgt Ion:330 Resp: 504272

Ion Ratio Lower Upper

330 100

332 95.2 76.3 114.5

141 35.5 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 57.996 ng

RT: 13.375 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP015319.D

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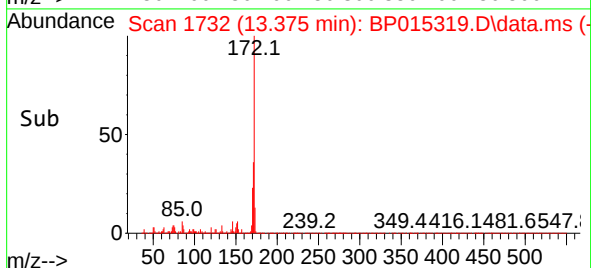
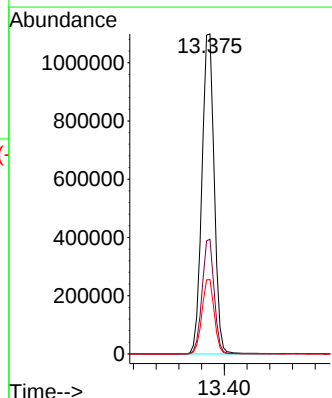
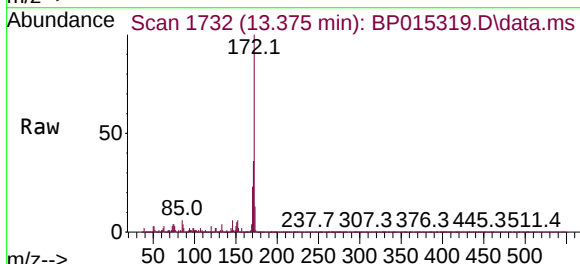
Tgt Ion:172 Resp: 1654083

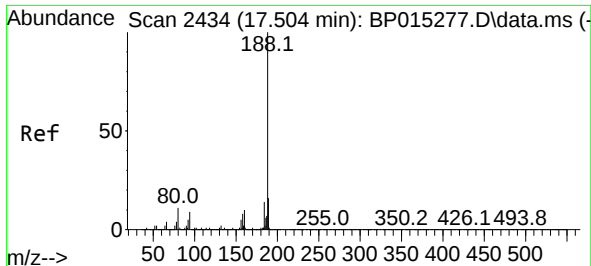
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.2 18.7 28.1

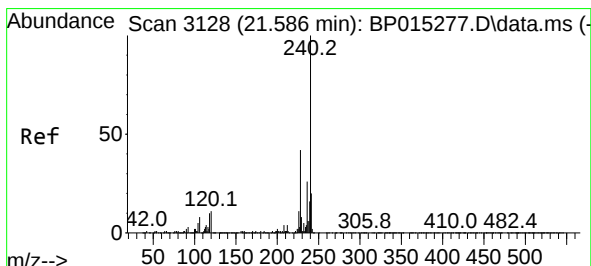
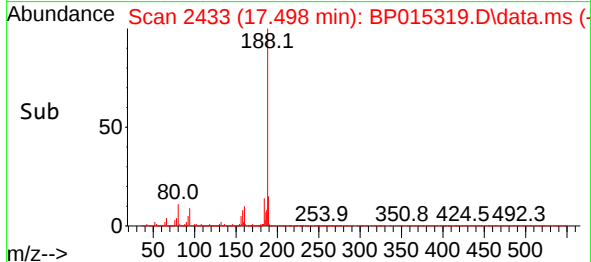
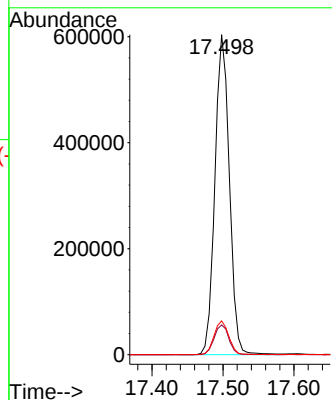
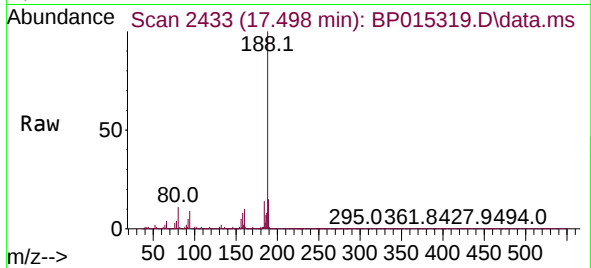




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP015319.D
Acq: 26 May 2023 20:47

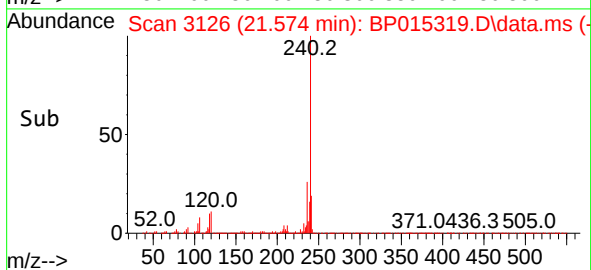
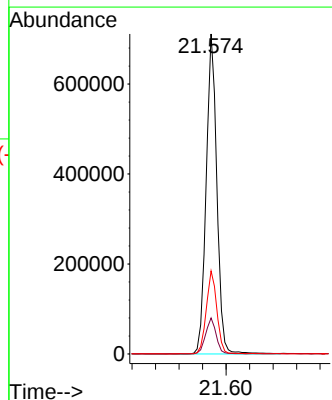
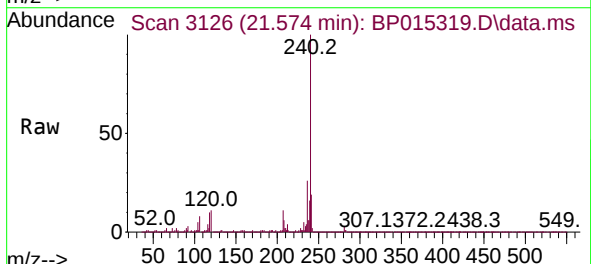
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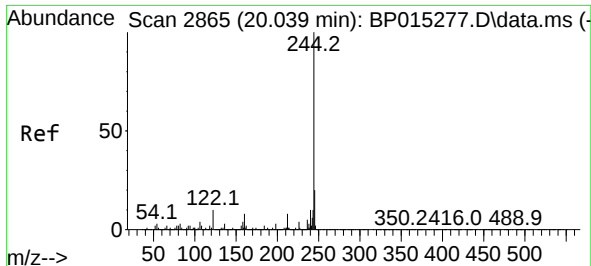
Tgt Ion:188 Resp: 850398
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.5 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BP015319.D
Acq: 26 May 2023 20:47

Tgt Ion:240 Resp: 894027
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 25.9 20.5 30.7

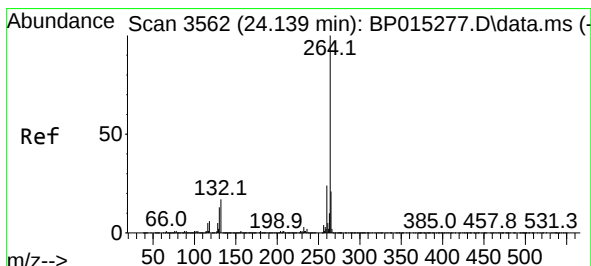
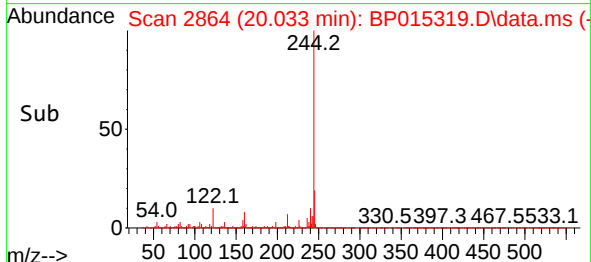
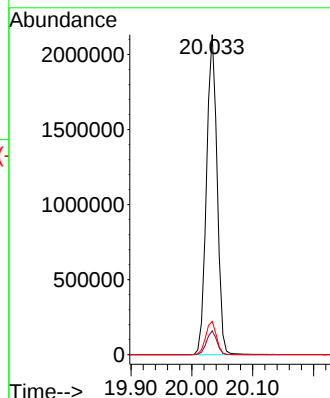
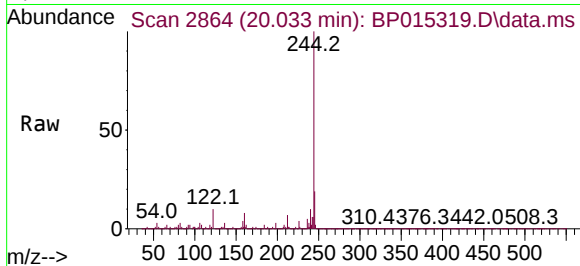




#79
 Terphenyl-d14
 Concen: 54.242 ng
 RT: 20.033 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP015319.D
 Acq: 26 May 2023 20:47

Instrument :
 BNA_P
 ClientSampleId :
 WC17

Tgt Ion:244 Resp: 2578125
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.4 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.121 min Scan# 3559
 Delta R.T. -0.018 min
 Lab File: BP015319.D
 Acq: 26 May 2023 20:47

Tgt Ion:264 Resp: 1052805
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.2 17.5 26.3

