

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015313.D
 Acq On : 26 May 2023 17:25
 Operator : CG/JU
 Sample : 02945-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TWP04

Quant Time: May 26 18:11:53 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	179836	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	675965	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	377304	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	815439	20.000	ng	0.00
76) Chrysene-d12	21.580	240	820942	20.000	ng	0.00
86) Perylene-d12	24.133	264	1001704	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	730130	67.276	ng	0.00
7) Phenol-d6	7.258	99	573399	40.316	ng	0.00
23) Nitrobenzene-d5	9.281	82	1227998	88.700	ng	-0.01
42) 2,4,6-Tribromophenol	16.240	330	688799	134.339	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	2432139	86.542	ng	0.00
79) Terphenyl-d14	20.039	244	3479688	79.727	ng	0.00

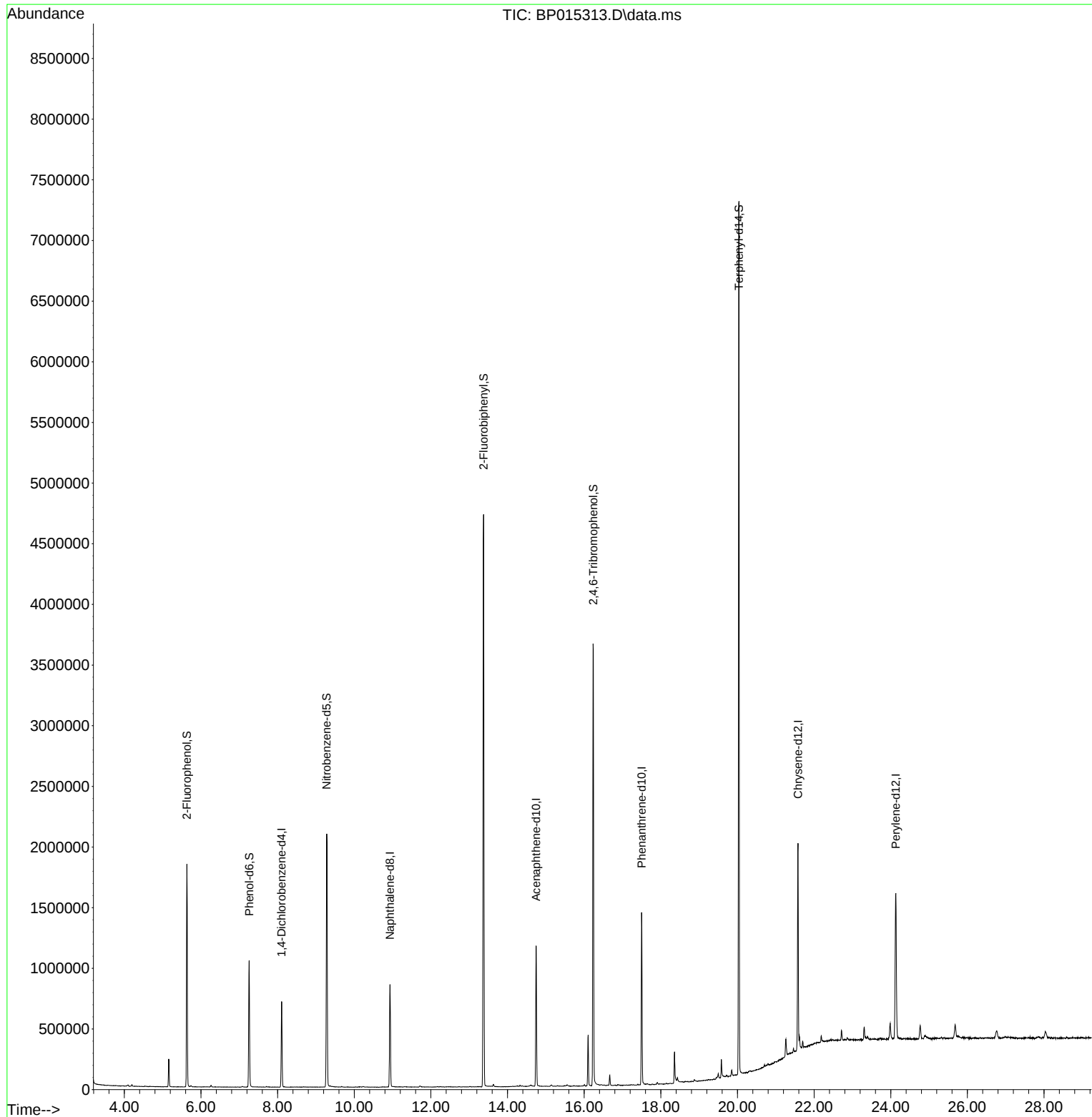
Target Compounds	Qvalue

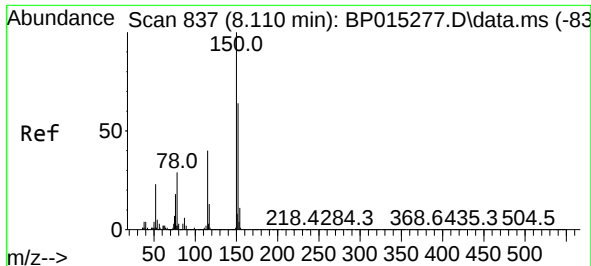
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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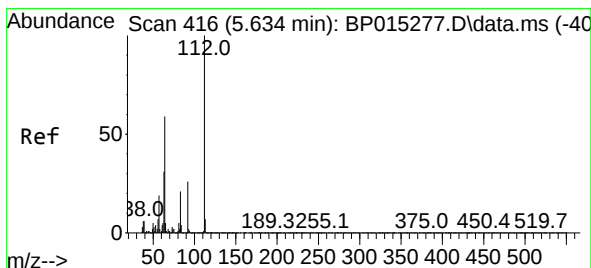
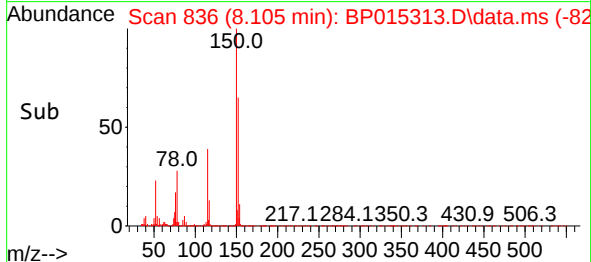
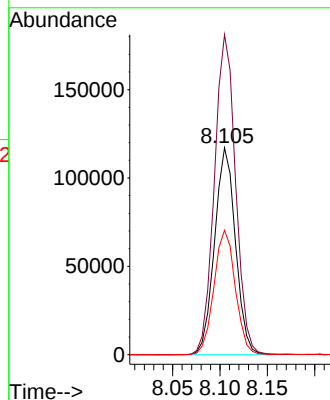
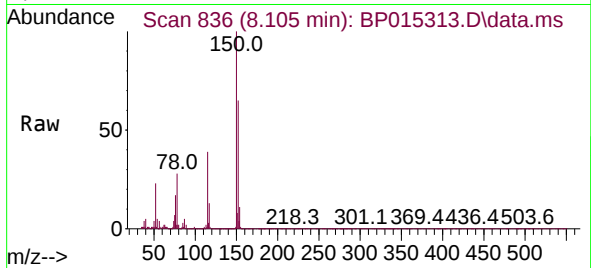




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

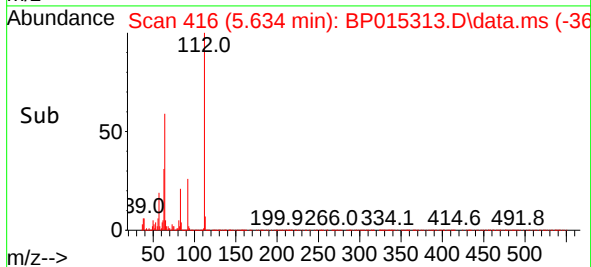
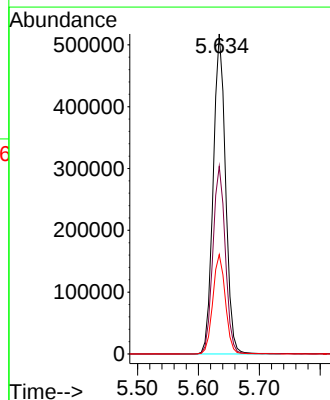
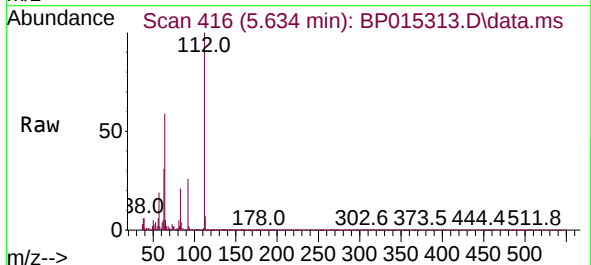
Instrument :
BNA_P
ClientSampleId :
TWP04

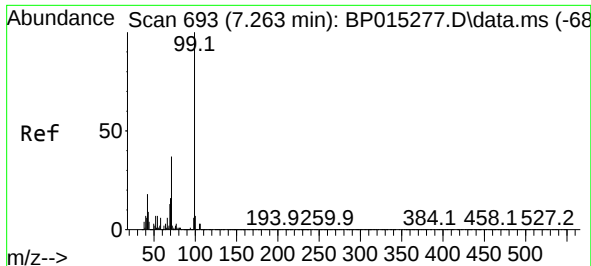
Tgt Ion:152 Resp: 179836
Ion Ratio Lower Upper
152 100
150 154.7 124.2 186.2
115 60.2 49.1 73.7



#5
2-Fluorophenol
Concen: 67.276 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

Tgt Ion:112 Resp: 730130
Ion Ratio Lower Upper
112 100
64 58.7 47.2 70.8
63 31.1 24.6 37.0

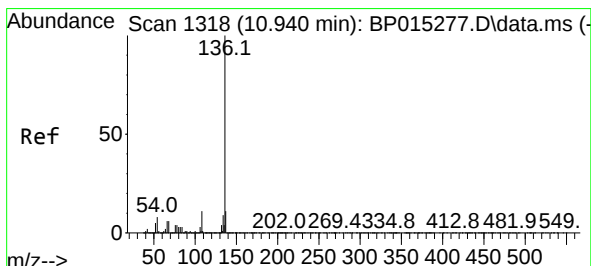
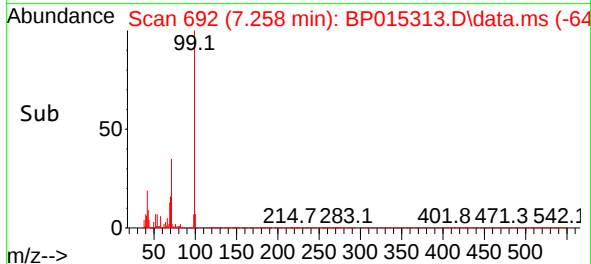
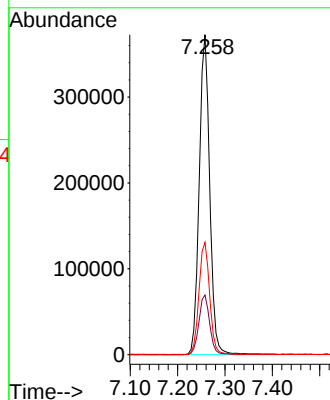
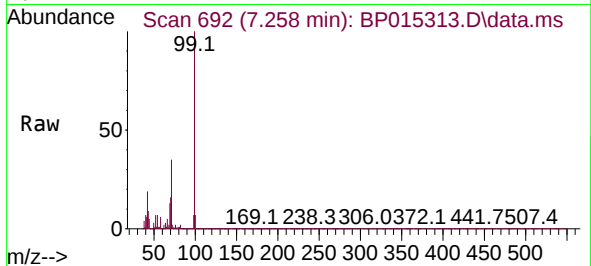




#7
Phenol-d6
Concen: 40.316 ng
RT: 7.258 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

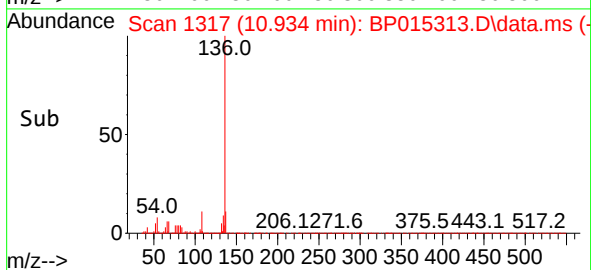
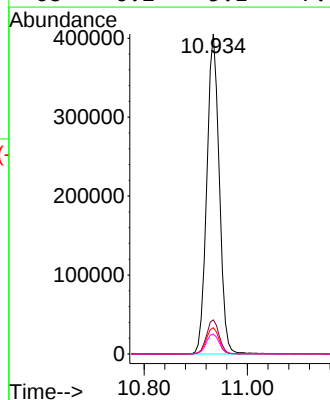
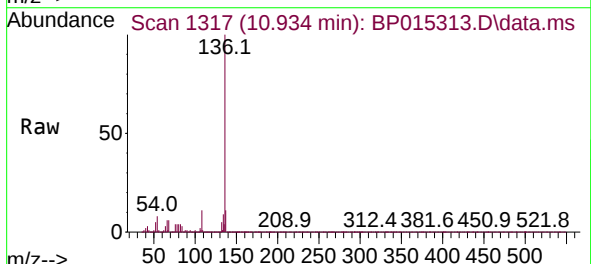
Instrument :
BNA_P
ClientSampleId :
TWP04

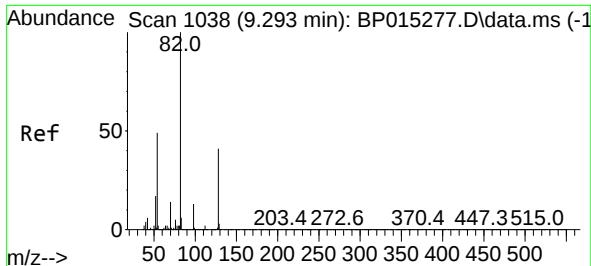
Tgt Ion: 99 Resp: 573399
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 35.1 29.4 44.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

Tgt Ion: 136 Resp: 675965
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.2 6.3 9.5
68 6.2 5.1 7.7

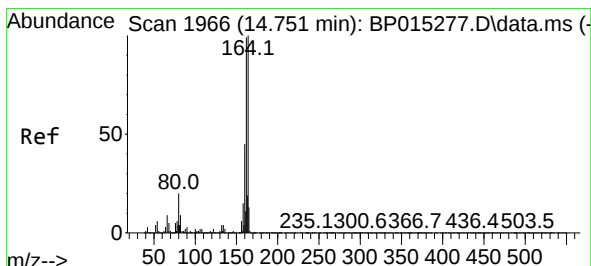
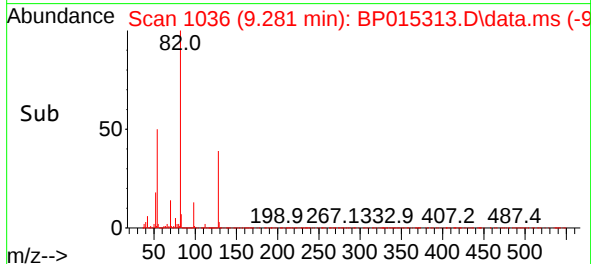
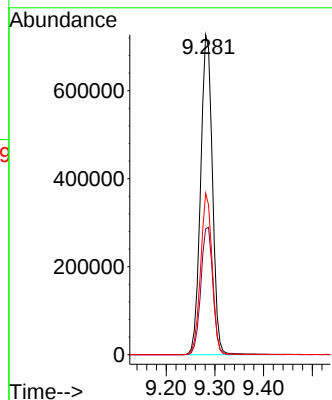
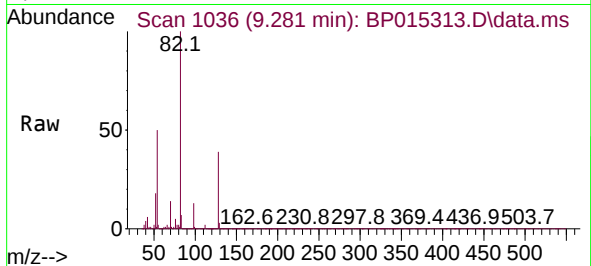




#23
Nitrobenzene-d5
Concen: 88.700 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

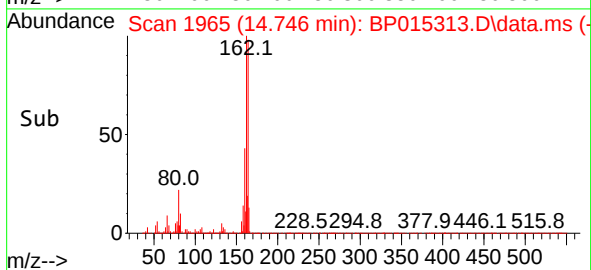
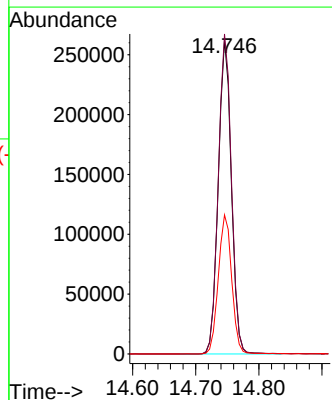
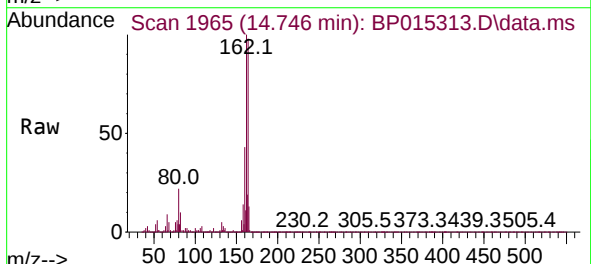
Instrument :
BNA_P
ClientSampleId :
TWP04

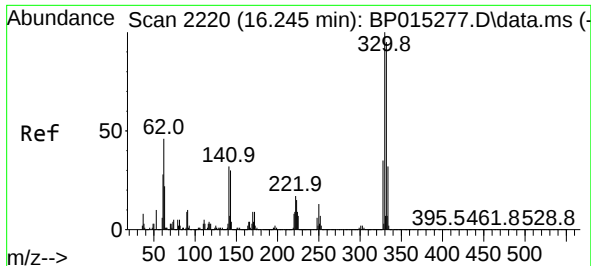
Tgt Ion: 82 Resp: 1227998
Ion Ratio Lower Upper
82 100
128 39.4 33.0 49.4
54 50.4 39.2 58.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.746 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

Tgt Ion: 164 Resp: 377304
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.2
160 44.3 35.6 53.4

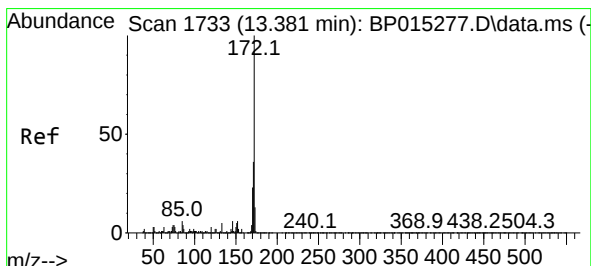
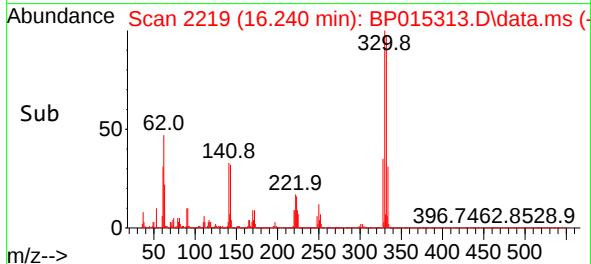
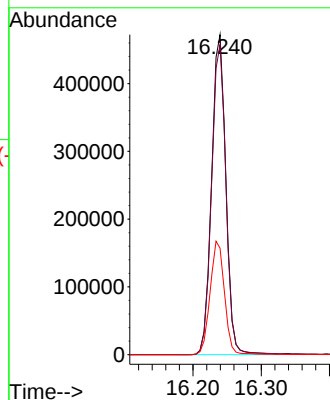
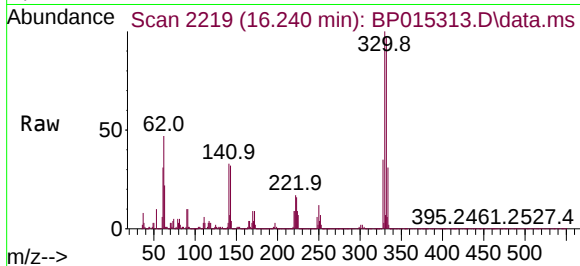




#42
2,4,6-Tribromophenol
Concen: 134.339 ng
RT: 16.240 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

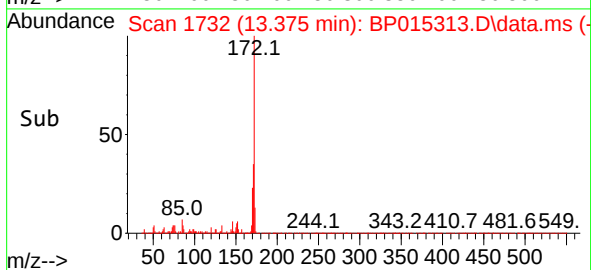
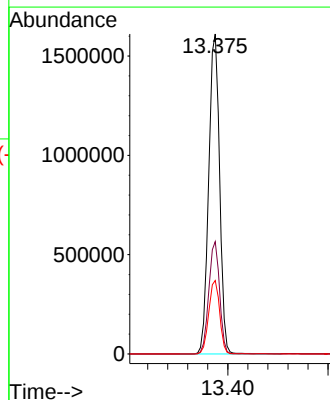
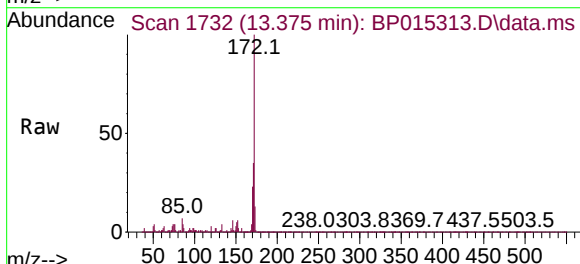
Instrument :
BNA_P
ClientSampleId :
TWP04

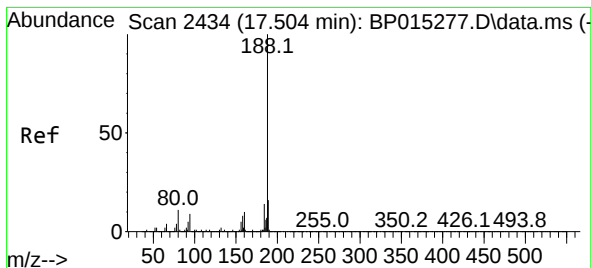
Tgt Ion:330 Resp: 688799
Ion Ratio Lower Upper
330 100
332 97.6 76.3 114.5
141 36.0 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 86.542 ng
RT: 13.375 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

Tgt Ion:172 Resp: 2432139
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.0 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: BP015313.D

Acq: 26 May 2023 17:25

Instrument :

BNA_P

ClientSampleId :

TWP04

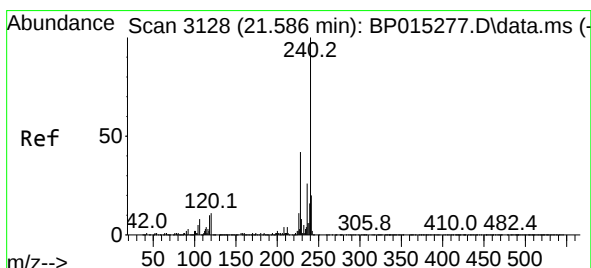
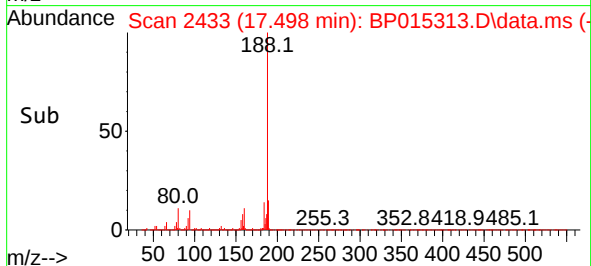
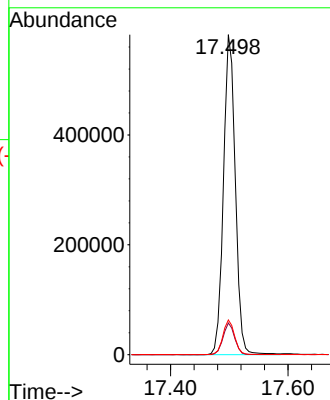
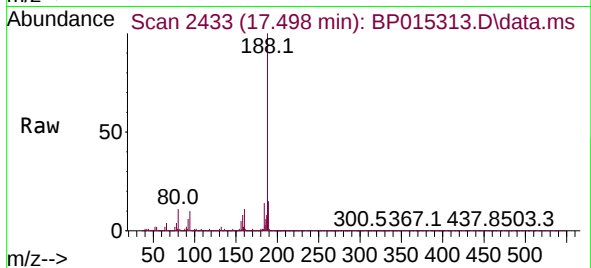
Tgt Ion:188 Resp: 815439

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.0

80 10.8 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BP015313.D

Acq: 26 May 2023 17:25

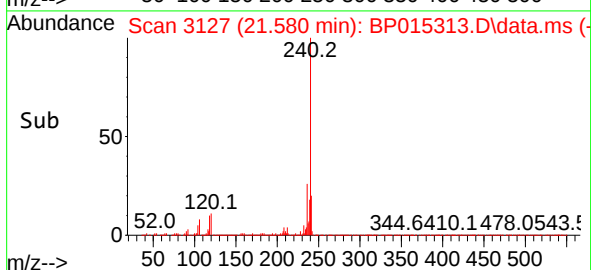
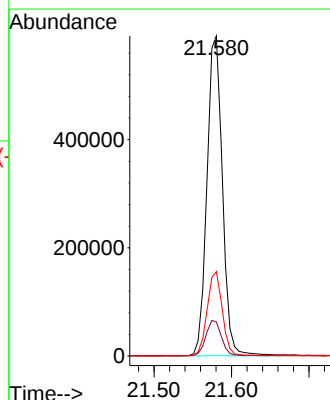
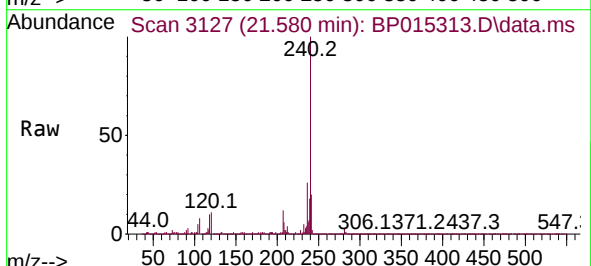
Tgt Ion:240 Resp: 820942

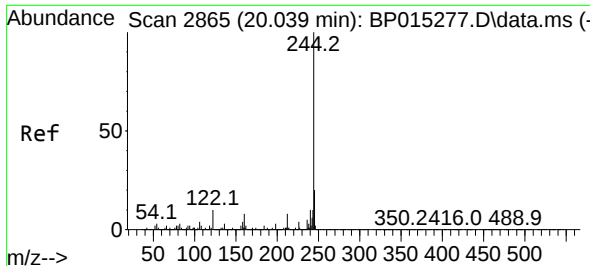
Ion Ratio Lower Upper

240 100

120 10.7 8.8 13.2

236 26.3 20.5 30.7

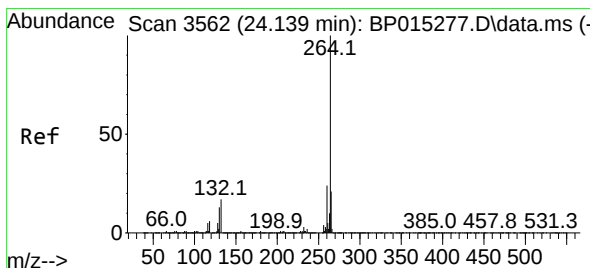
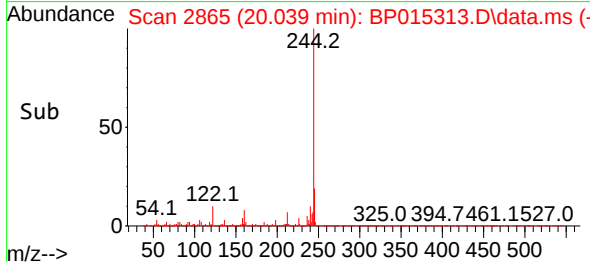
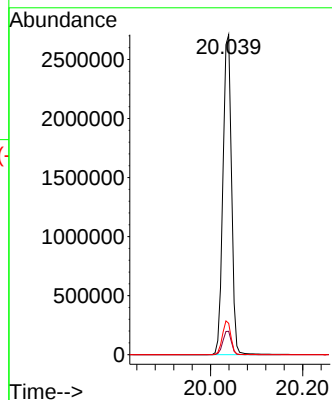
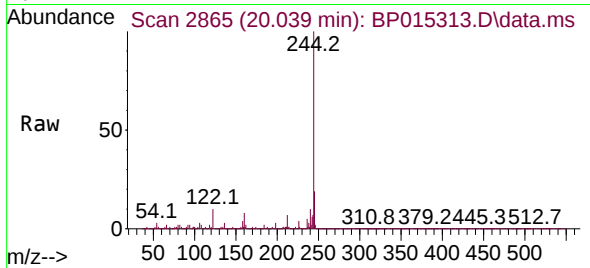




#79
 Terphenyl-d14
 Concen: 79.727 ng
 RT: 20.039 min Scan# 2865
 Delta R.T. 0.000 min
 Lab File: BP015313.D
 Acq: 26 May 2023 17:25

Instrument :
 BNA_P
 ClientSampleId :
 TWP04

Tgt Ion:244 Resp: 3479688
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.8 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.133 min Scan# 3561
 Delta R.T. -0.006 min
 Lab File: BP015313.D
 Acq: 26 May 2023 17:25

Tgt Ion:264 Resp: 1001704
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 21.5 17.5 26.3

