

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015306.D
 Acq On : 26 May 2023 13:10
 Operator : CG/JU
 Sample : PB152407BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB152407BL

Quant Time: May 26 14:39:45 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	8.111	152	270015	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	1022367	20.000	ng	0.00
39) Acenaphthene-d10	14.757	164	583893	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	1115179	20.000	ng	0.00
76) Chrysene-d12	21.586	240	780192	20.000	ng	0.00
86) Perylene-d12	24.145	264	827634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	2254968	138.385	ng	0.00
7) Phenol-d6	7.263	99	2779775	130.172	ng	0.00
23) Nitrobenzene-d5	9.293	82	1784207	85.210	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	929622	117.159	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	3596826	82.702	ng	0.00
79) Terphenyl-d14	20.045	244	4113331	99.168	ng	0.00

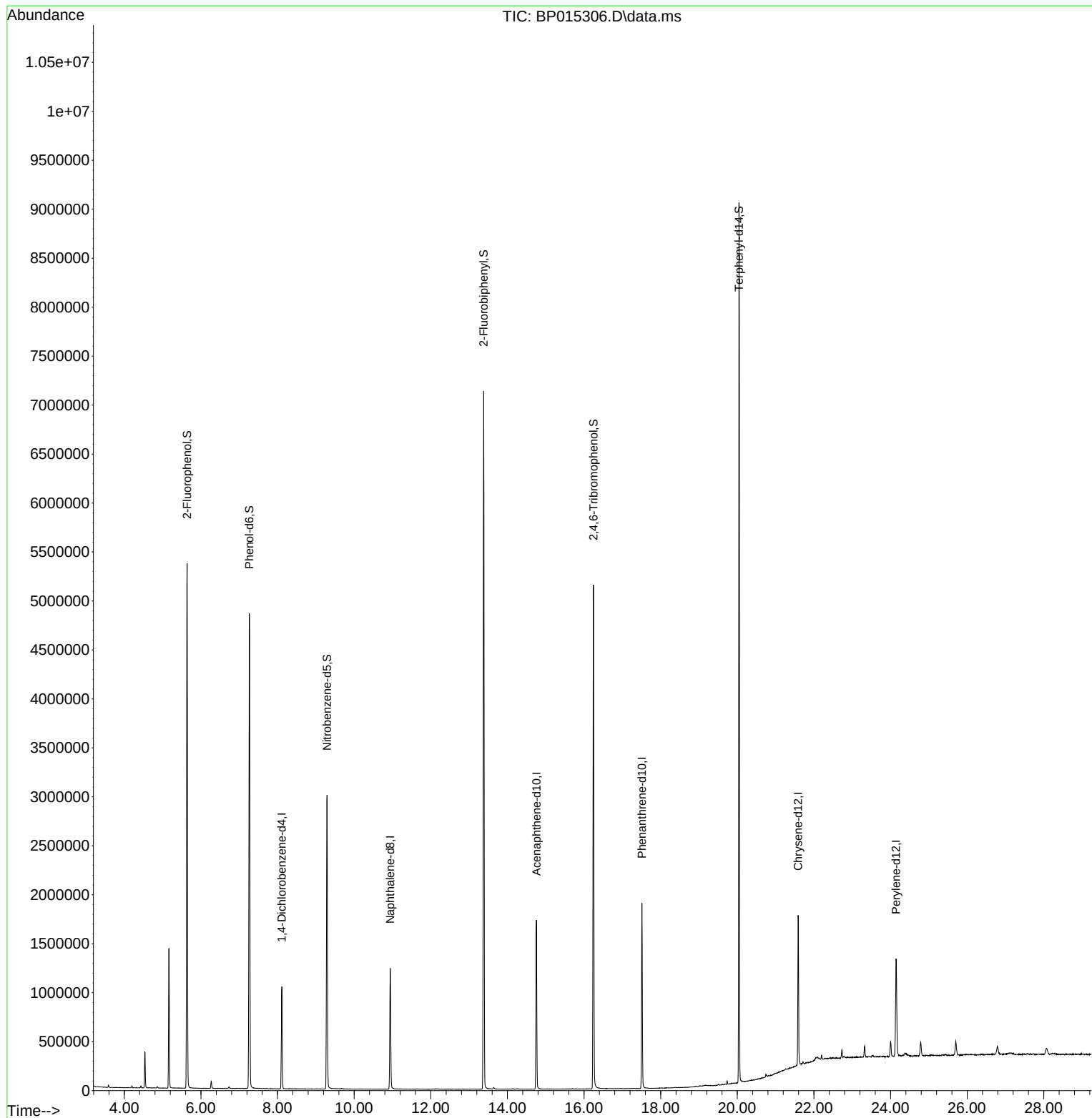
Target Compounds	Qvalue

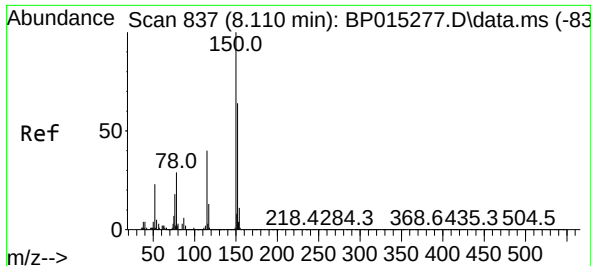
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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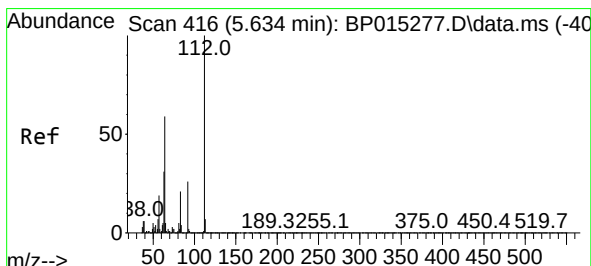
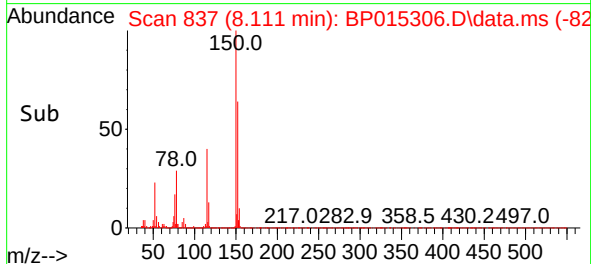
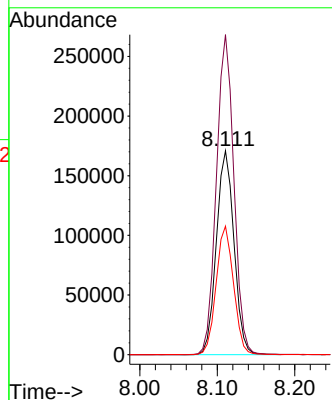
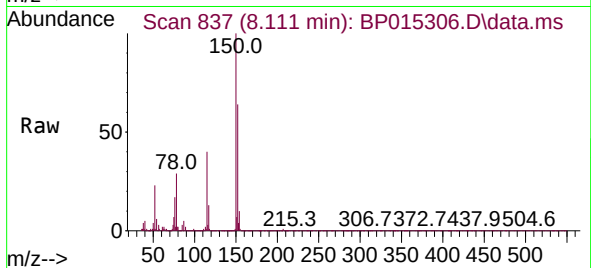




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

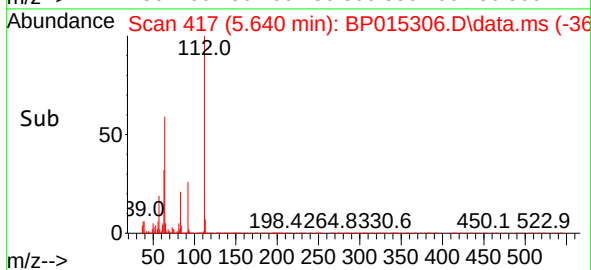
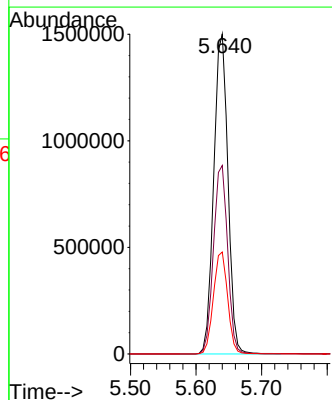
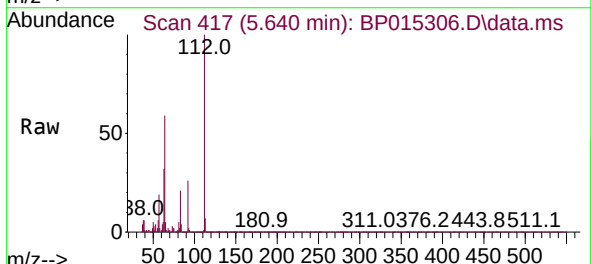
Instrument :
BNA_P
ClientSampleId :
PB152407BL

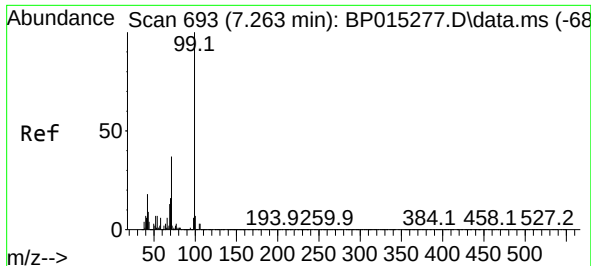
Tgt Ion:152 Resp: 270015
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 63.0 49.1 73.7



#5
2-Fluorophenol
Concen: 138.385 ng
RT: 5.640 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

Tgt Ion:112 Resp: 2254968
Ion Ratio Lower Upper
112 100
64 58.9 47.2 70.8
63 31.9 24.6 37.0



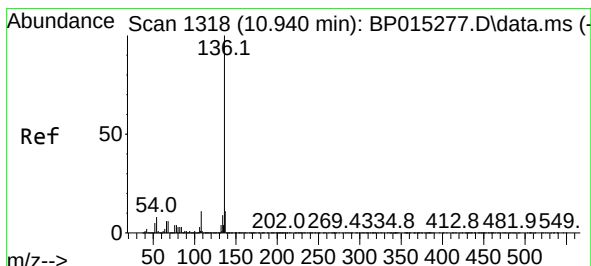
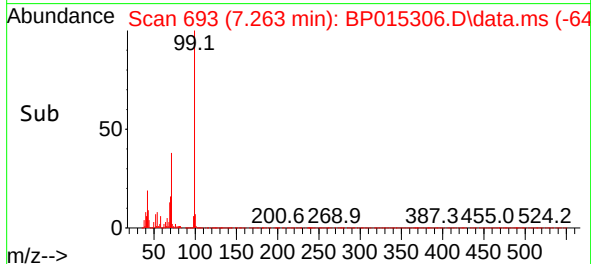
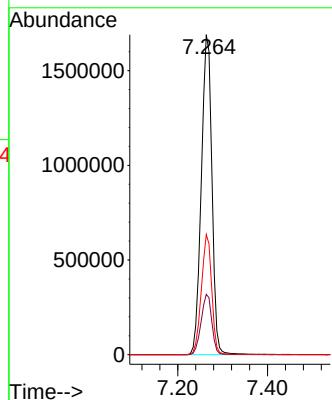
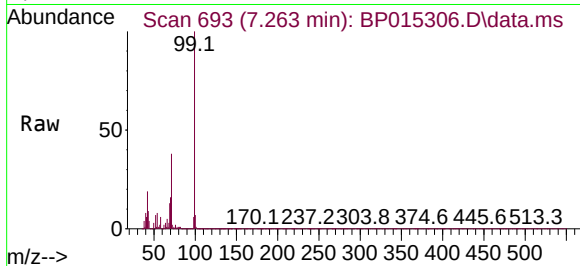


#7
Phenol-d6
Concen: 130.172 ng
RT: 7.263 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

Instrument :
BNA_P
ClientSampleId :
PB152407BL

Tgt Ion: 99 Resp: 2779775

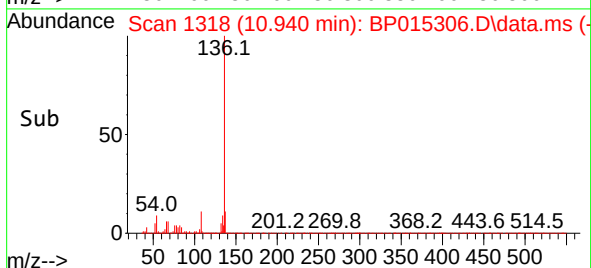
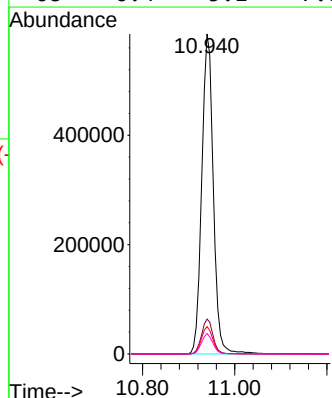
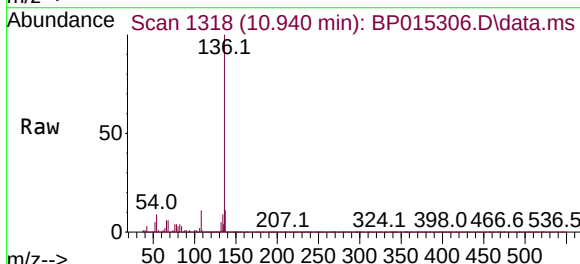
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	22.0
71	37.6	29.4	44.2

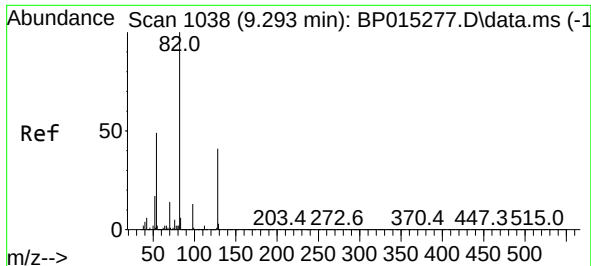


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

Tgt Ion: 136 Resp: 1022367

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.6	6.3	9.5
68	6.4	5.1	7.7

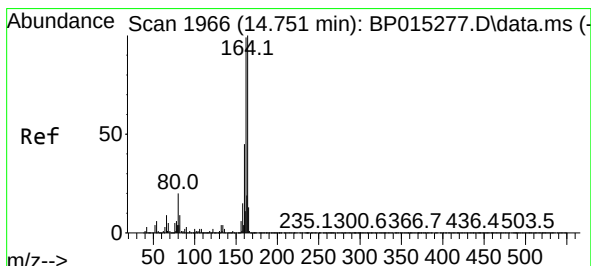
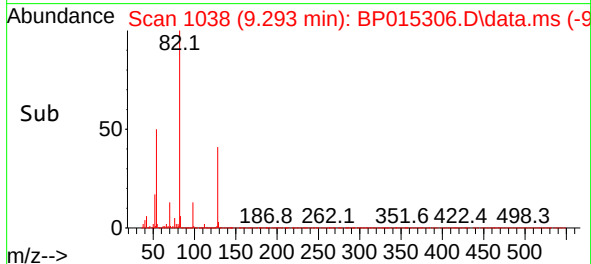
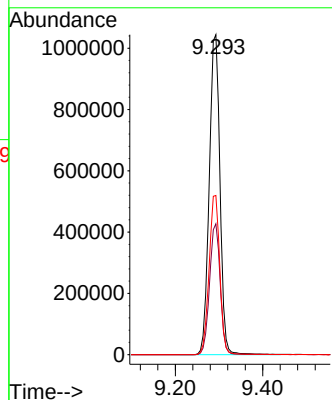
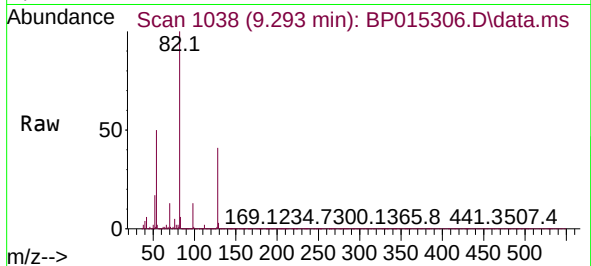




#23
Nitrobenzene-d5
Concen: 85.210 ng
RT: 9.293 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

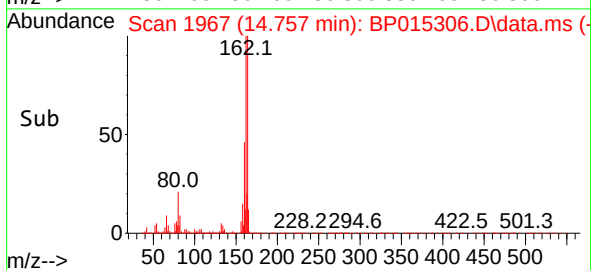
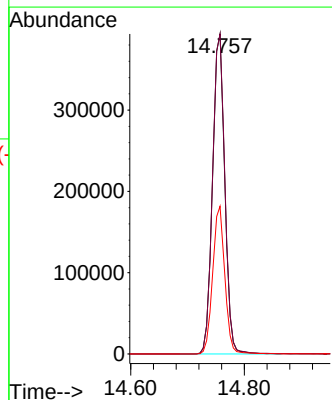
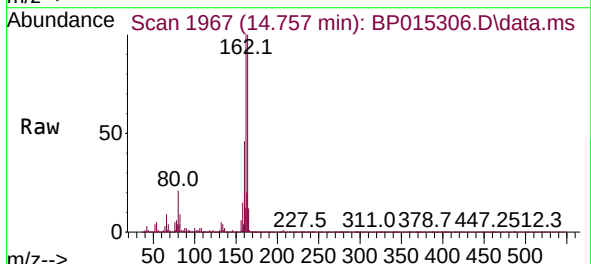
Instrument :
BNA_P
ClientSampleId :
PB152407BL

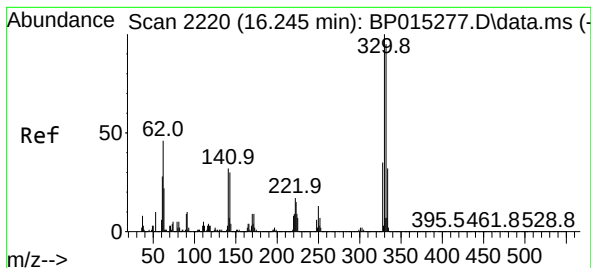
Tgt Ion: 82 Resp: 1784207
Ion Ratio Lower Upper
82 100
128 40.9 33.0 49.4
54 49.8 39.2 58.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.757 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

Tgt Ion: 164 Resp: 583893
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 46.2 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 117.159 ng

RT: 16.245 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015306.D

Acq: 26 May 2023 13:10

Instrument :

BNA_P

ClientSampleId :

PB152407BL

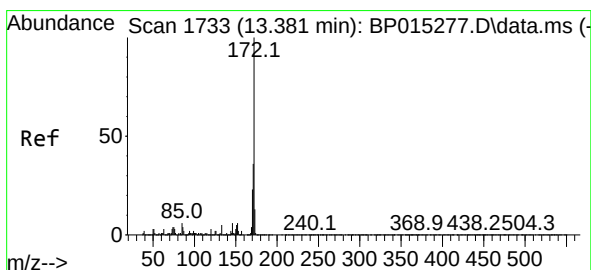
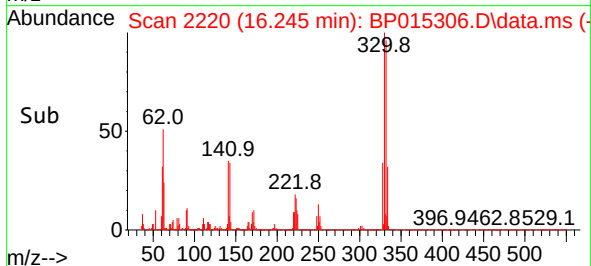
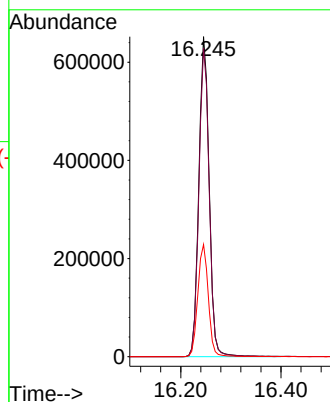
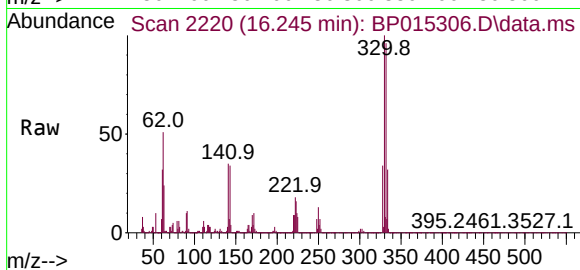
Tgt Ion:330 Resp: 929622

Ion Ratio Lower Upper

330 100

332 96.2 76.3 114.5

141 35.7 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 82.702 ng

RT: 13.381 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BP015306.D

Acq: 26 May 2023 13:10

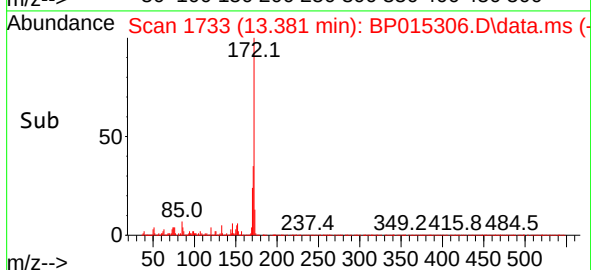
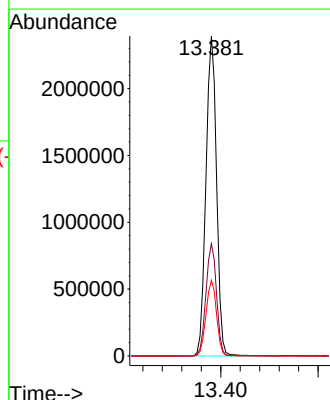
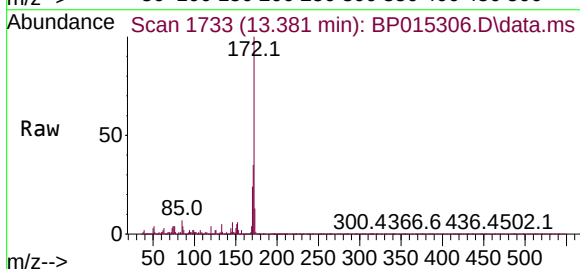
Tgt Ion:172 Resp: 3596826

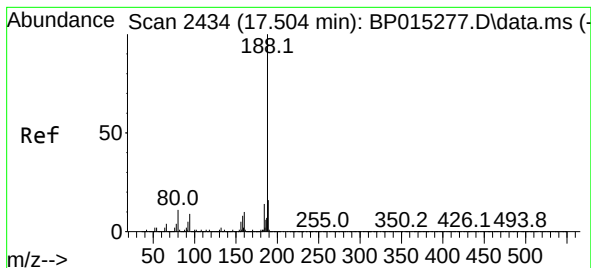
Ion Ratio Lower Upper

172 100

171 35.1 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: BP015306.D

Acq: 26 May 2023 13:10

Instrument :

BNA_P

ClientSampleId :

PB152407BL

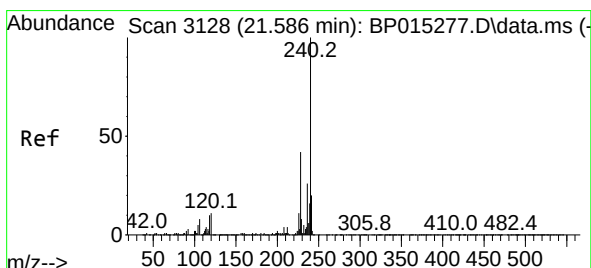
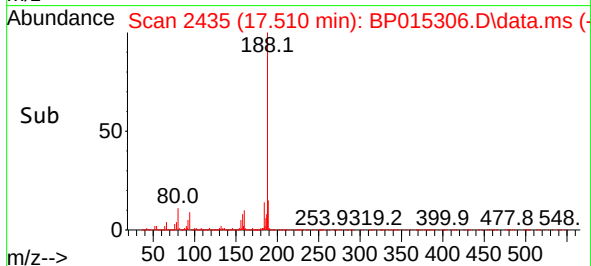
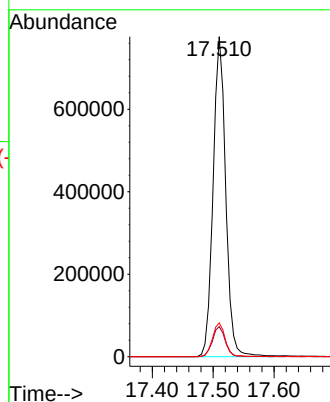
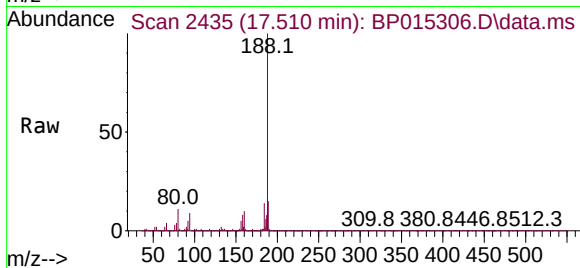
Tgt Ion:188 Resp: 1115179

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.0

80 10.6 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP015306.D

Acq: 26 May 2023 13:10

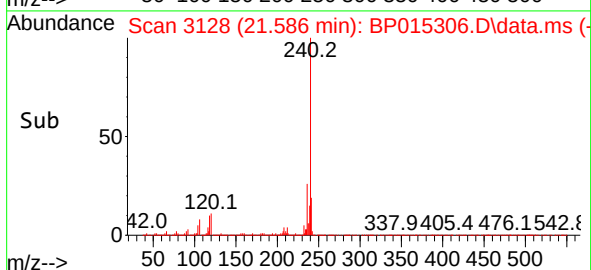
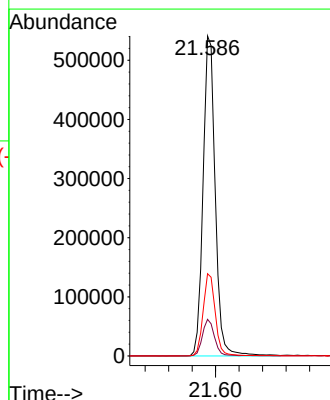
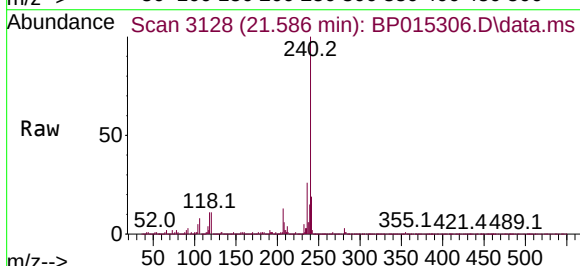
Tgt Ion:240 Resp: 780192

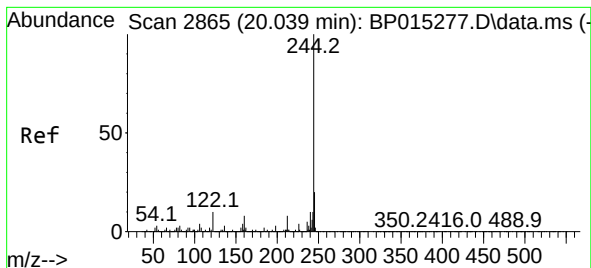
Ion Ratio Lower Upper

240 100

120 11.4 8.8 13.2

236 25.7 20.5 30.7





#79

Terphenyl-d14

Concen: 99.168 ng

RT: 20.045 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015306.D

Acq: 26 May 2023 13:10

Instrument :

BNA_P

ClientSampleId :

PB152407BL

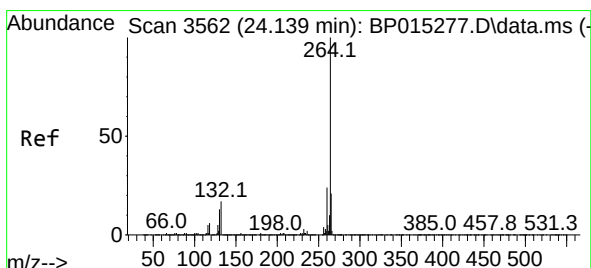
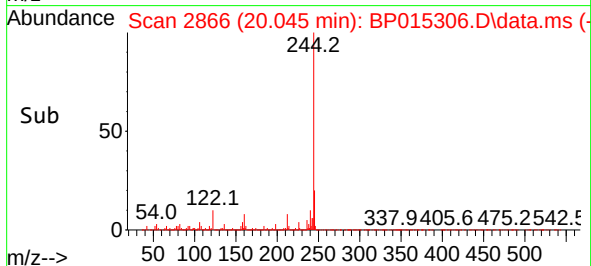
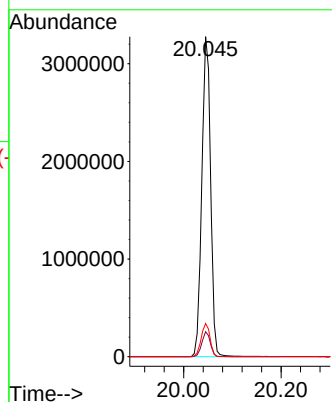
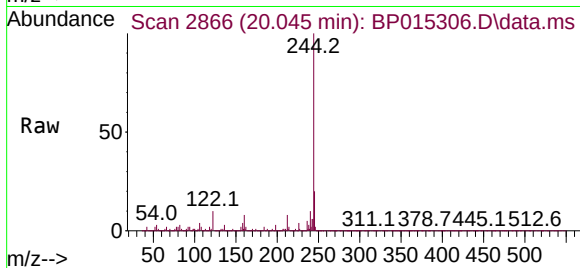
Tgt Ion:244 Resp: 4113331

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 10.4 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.145 min Scan# 3563

Delta R.T. 0.006 min

Lab File: BP015306.D

Acq: 26 May 2023 13:10

Tgt Ion:264 Resp: 827634

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.6

265 21.6 17.5 26.3

