

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020724\
 Data File : BP019600.D
 Acq On : 07 Feb 2024 18:41
 Operator : MA/JU
 Sample : P1366-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-1-0-2

Quant Time: Feb 08 01:32:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	68592	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	259163	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	174961	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	418768	20.000	ng	-0.01
76) Chrysene-d12	21.380	240	450582	20.000	ng	-0.01
86) Perylene-d12	23.798	264	531340	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	427433	100.447	ng	0.00
7) Phenol-d6	7.075	99	589347	102.715	ng	-0.01
23) Nitrobenzene-d5	9.069	82	389604	65.141	ng	-0.02
42) 2,4,6-Tribromophenol	16.028	330	312903	122.488	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	887882	62.735	ng	-0.02
79) Terphenyl-d14	19.857	244	1770723	64.628	ng	-0.01

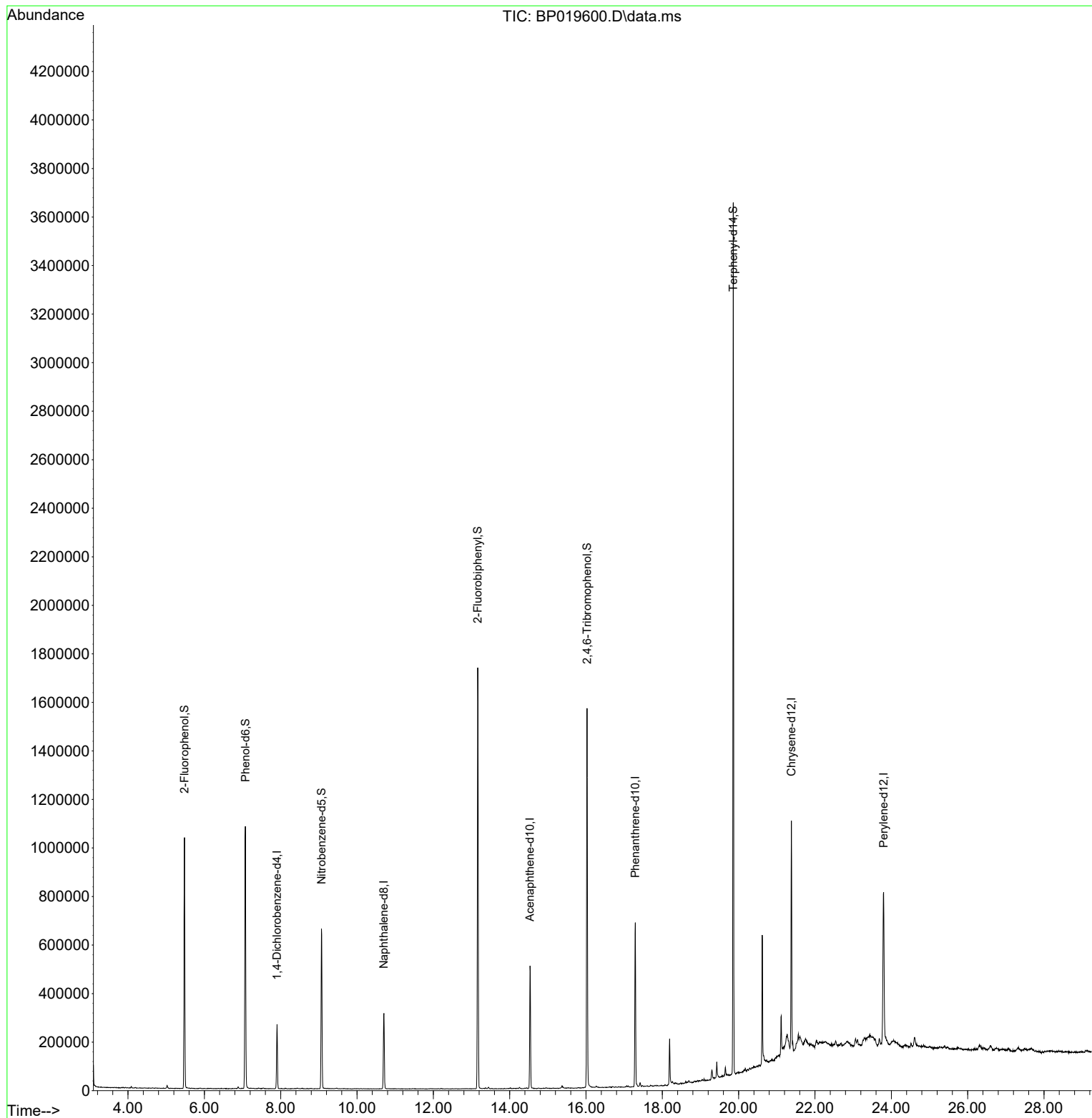
Target Compounds	Qvalue

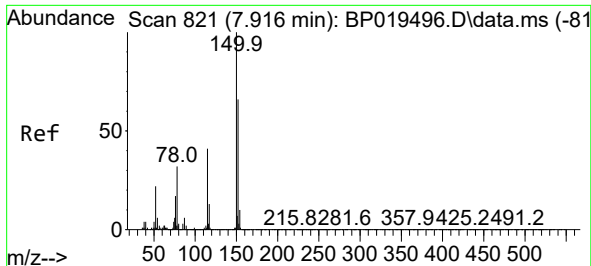
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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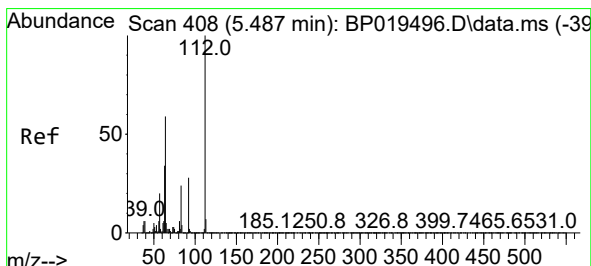
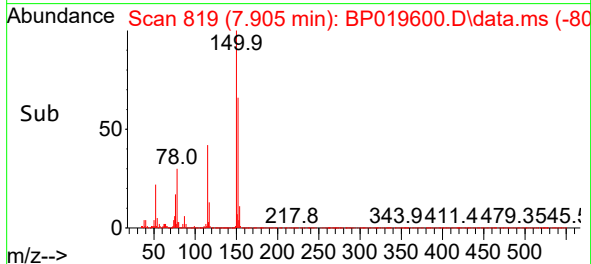
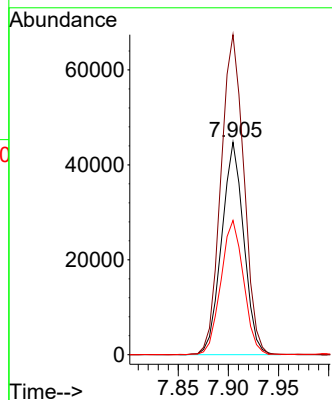
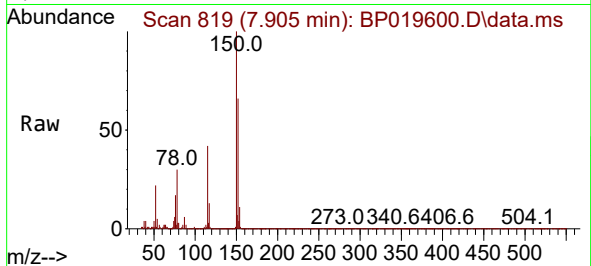




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019600.D
Acq: 07 Feb 2024 18:41

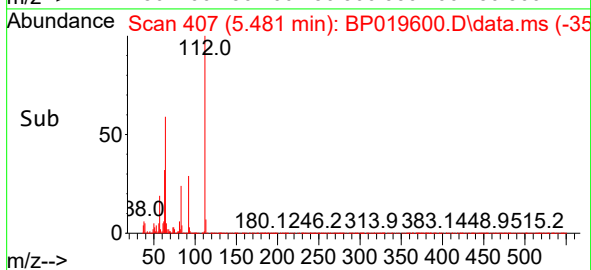
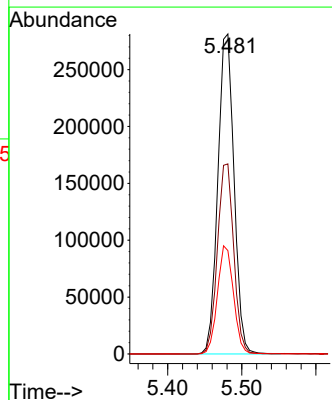
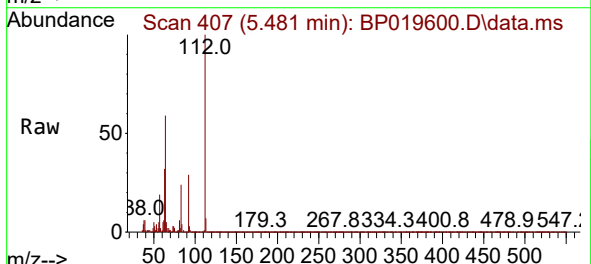
Instrument :
BNA_P
ClientSampleId :
EB-1-0-2

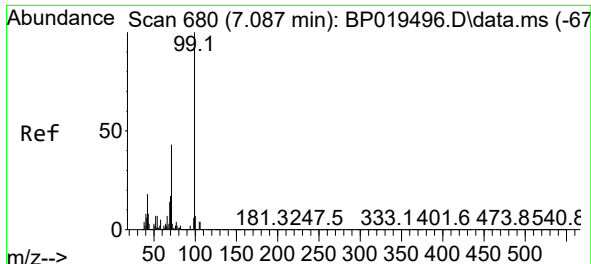
Tgt Ion:152 Resp: 68592
Ion Ratio Lower Upper
152 100
150 150.6 121.8 182.8
115 63.2 49.9 74.9



#5
2-Fluorophenol
Concen: 100.447 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019600.D
Acq: 07 Feb 2024 18:41

Tgt Ion:112 Resp: 427433
Ion Ratio Lower Upper
112 100
64 59.4 47.4 71.0
63 32.3 27.0 40.6

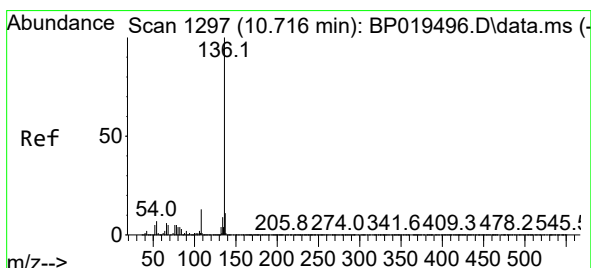
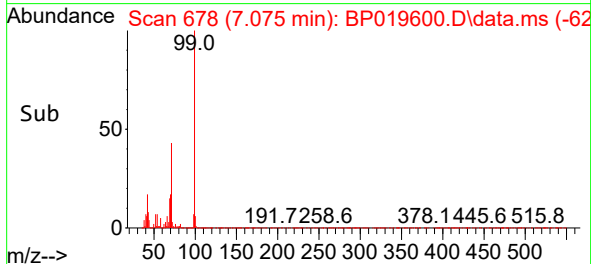
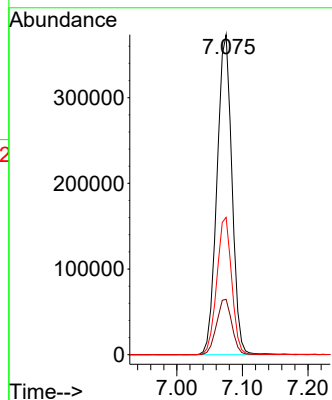
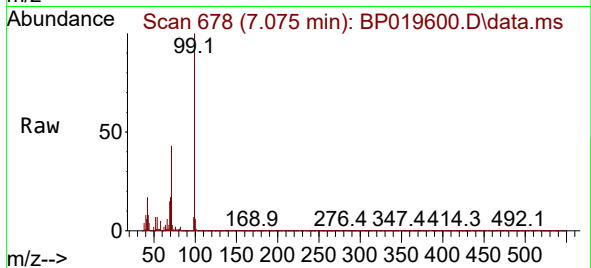




#7
Phenol-d6
Concen: 102.715 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019600.D
Acq: 07 Feb 2024 18:41

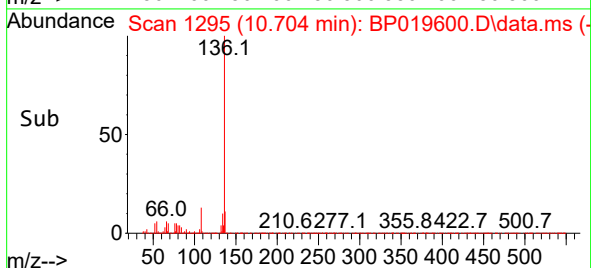
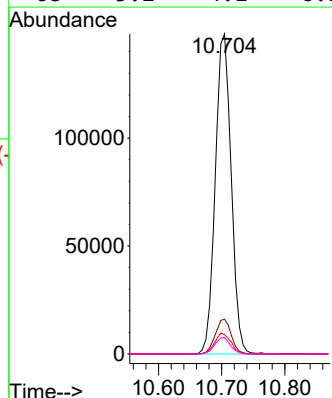
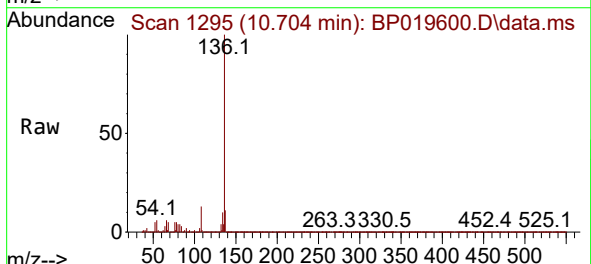
Instrument :
BNA_P
ClientSampleId :
EB-1-0-2

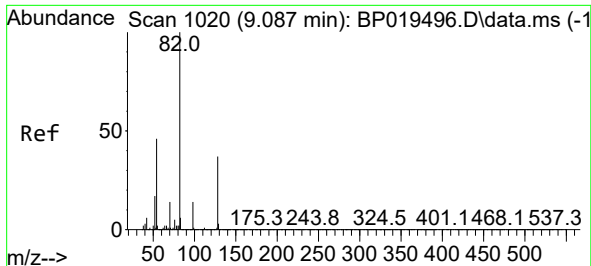
Tgt Ion: 99 Resp: 589347
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 42.9 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019600.D
Acq: 07 Feb 2024 18:41

Tgt Ion: 136 Resp: 259163
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.0 5.3 7.9
68 5.2 4.1 6.1

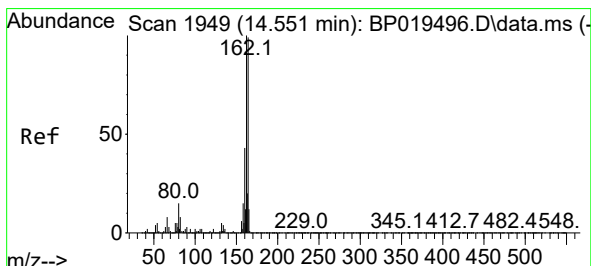
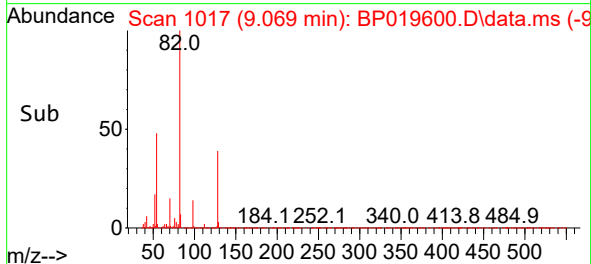
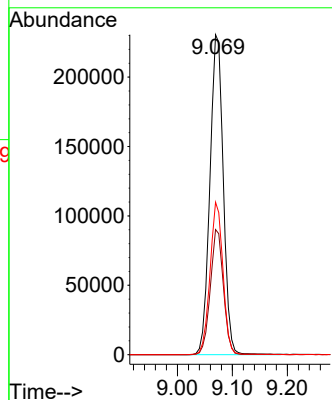
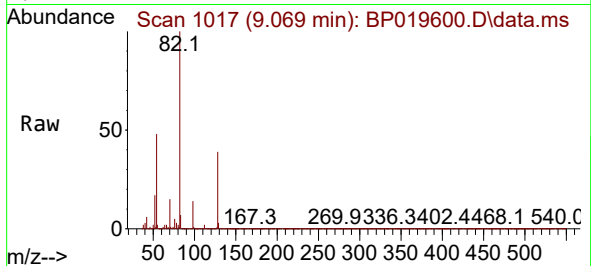




#23
Nitrobenzene-d5
Concen: 65.141 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019600.D
Acq: 07 Feb 2024 18:41

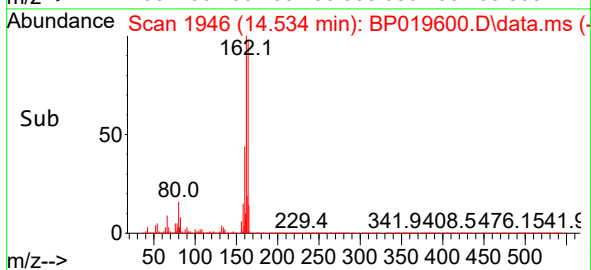
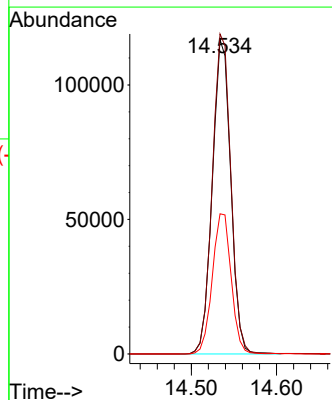
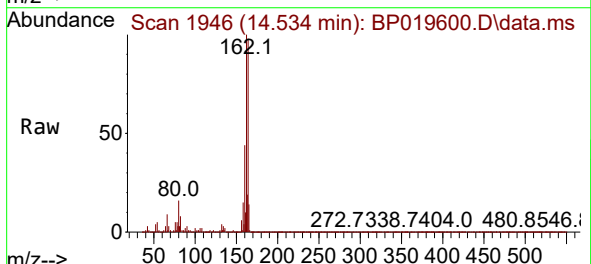
Instrument :
BNA_P
ClientSampleId :
EB-1-0-2

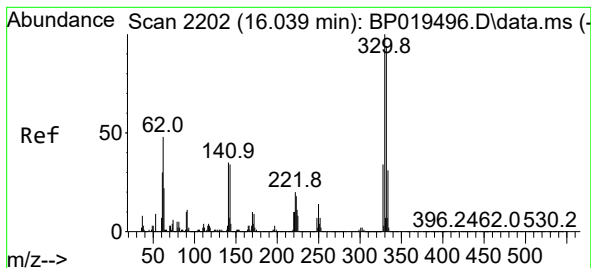
Tgt Ion: 82 Resp: 389604
Ion Ratio Lower Upper
82 100
128 39.1 29.7 44.5
54 47.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019600.D
Acq: 07 Feb 2024 18:41

Tgt Ion: 164 Resp: 174961
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 44.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 122.488 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019600.D

Acq: 07 Feb 2024 18:41

Instrument :

BNA_P

ClientSampleId :

EB-1-0-2

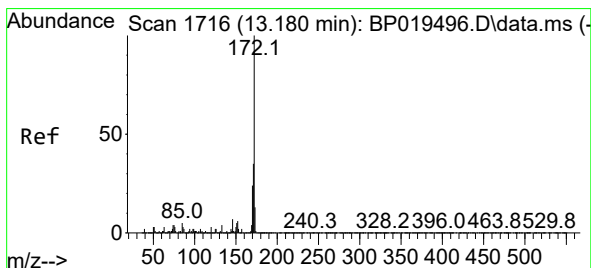
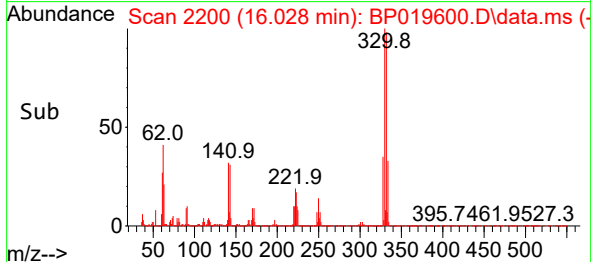
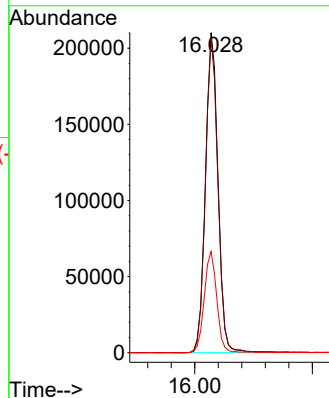
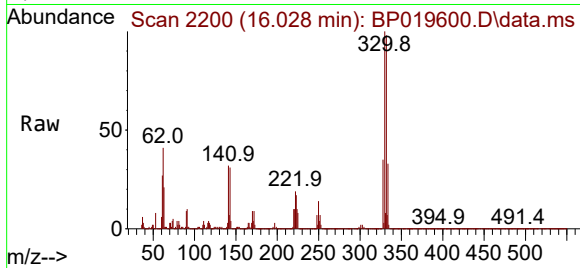
Tgt Ion:330 Resp: 312903

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 31.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 62.735 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019600.D

Acq: 07 Feb 2024 18:41

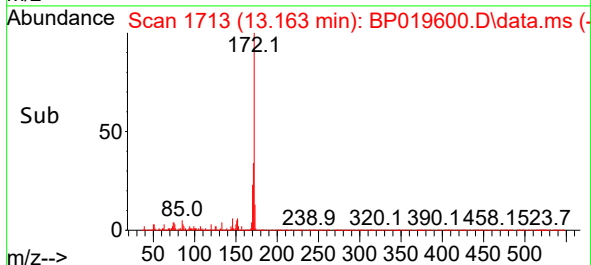
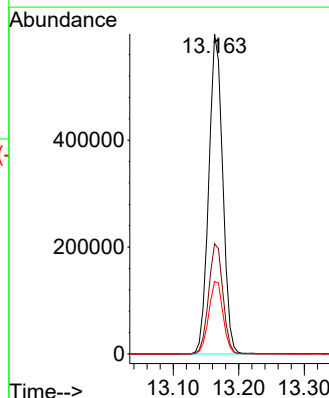
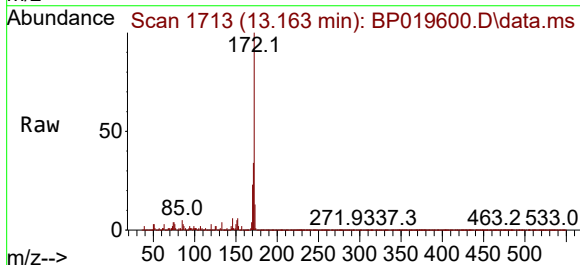
Tgt Ion:172 Resp: 887882

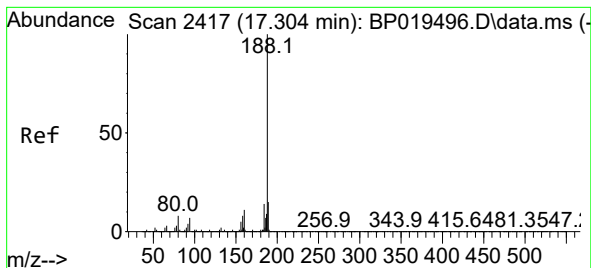
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 22.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019600.D

Acq: 07 Feb 2024 18:41

Instrument :

BNA_P

ClientSampleId :

EB-1-0-2

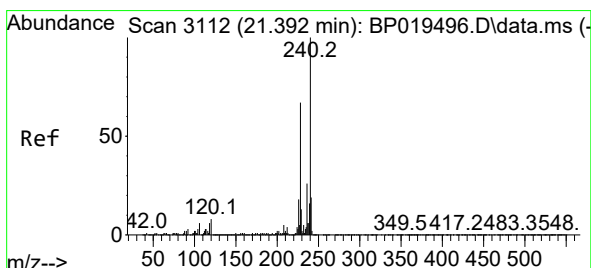
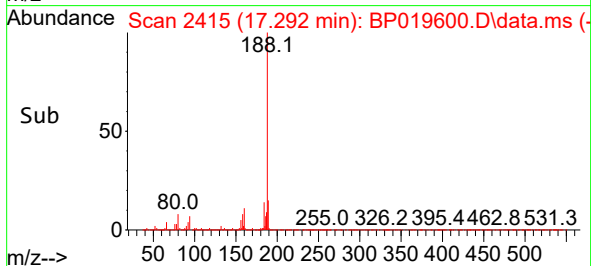
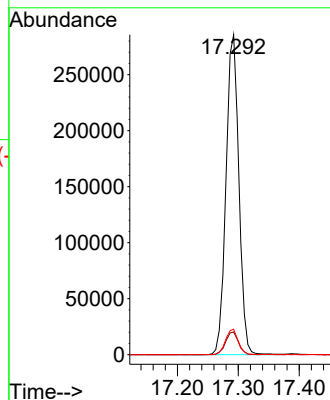
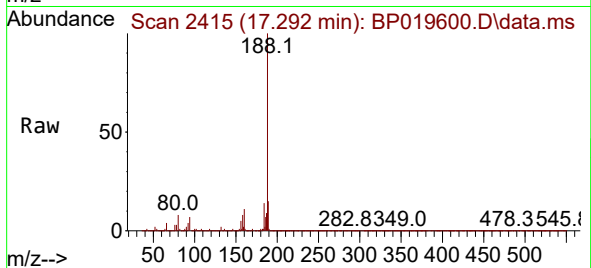
Tgt Ion:188 Resp: 418768

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 7.9 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019600.D

Acq: 07 Feb 2024 18:41

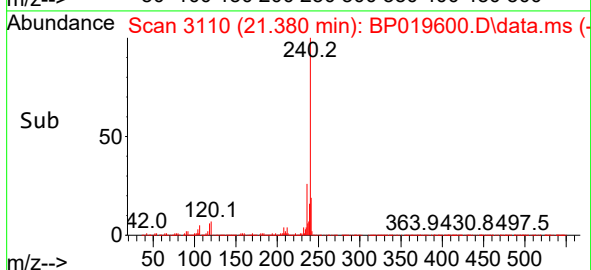
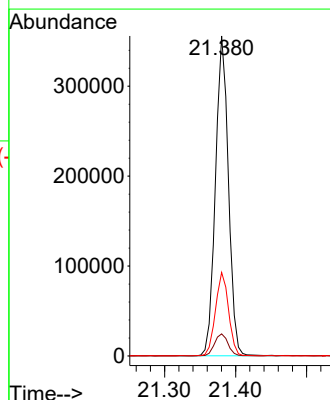
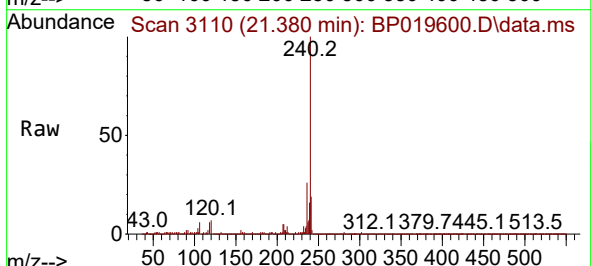
Tgt Ion:240 Resp: 450582

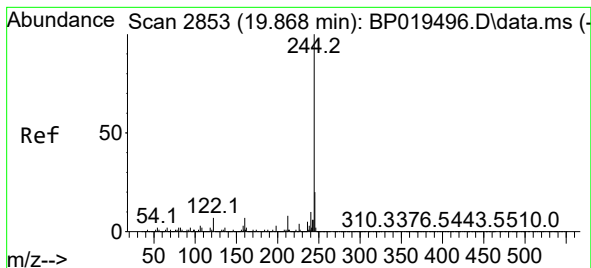
Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 64.628 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019600.D

Acq: 07 Feb 2024 18:41

Instrument :

BNA_P

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EB-1-0-2

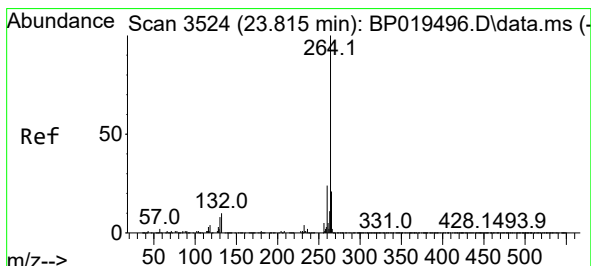
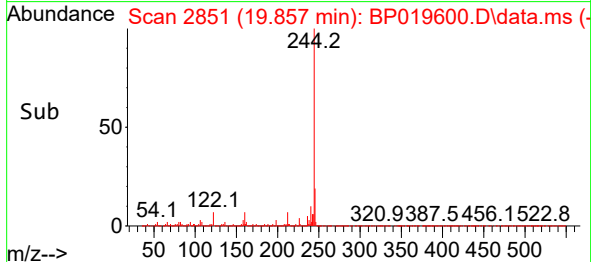
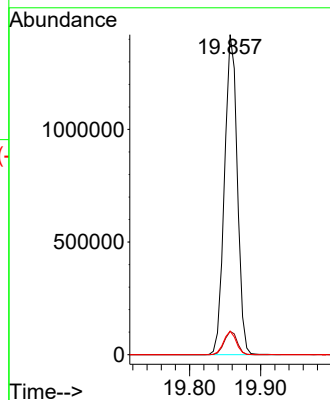
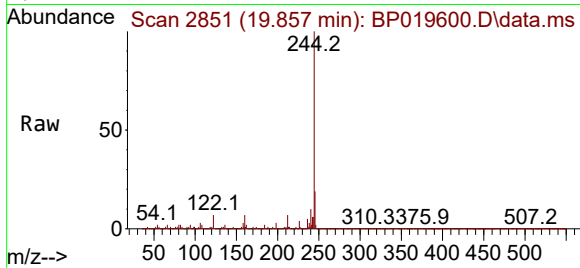
Tgt Ion:244 Resp: 1770723

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 7.4 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3521

Delta R.T. -0.017 min

Lab File: BP019600.D

Acq: 07 Feb 2024 18:41

Tgt Ion:264 Resp: 531340

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.6 17.0 25.4

