

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019701.D
 Acq On : 14 Feb 2024 14:57
 Operator : MA/JU
 Sample : P1453-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Feb 14 15:35:49 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	70148	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	258127	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	166910	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	398685	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	432656	20.000	ng	0.00
86) Perylene-d12	23.804	264	501110	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	535487	123.049	ng	0.00
7) Phenol-d6	7.075	99	667671	113.785	ng	-0.01
23) Nitrobenzene-d5	9.075	82	468956	78.723	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	378056	155.131	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1060237	78.527	ng	-0.02
79) Terphenyl-d14	19.863	244	2050466	77.939	ng	0.00

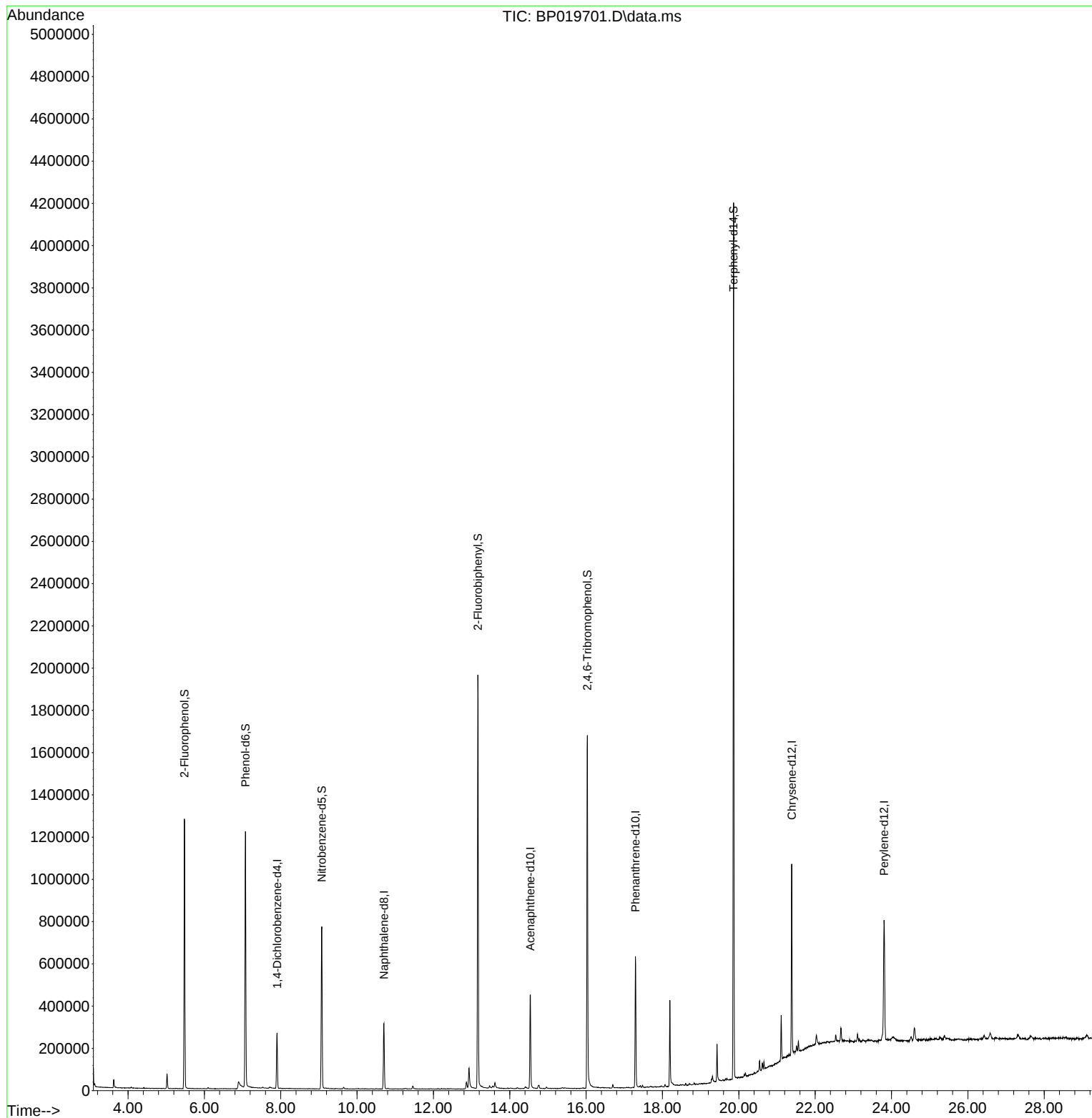
Target Compounds	Qvalue

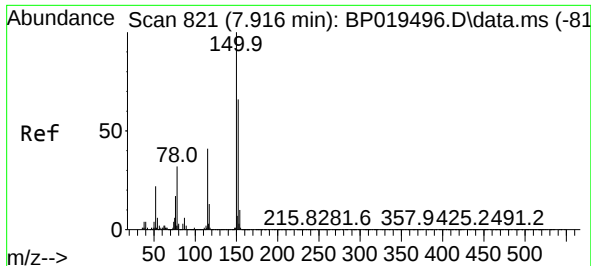
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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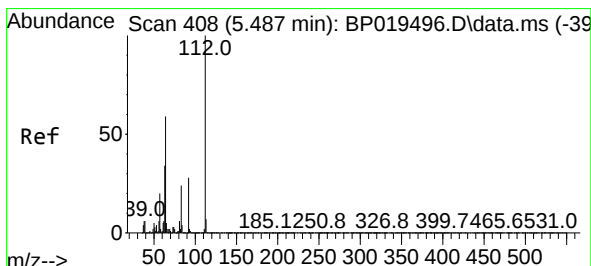
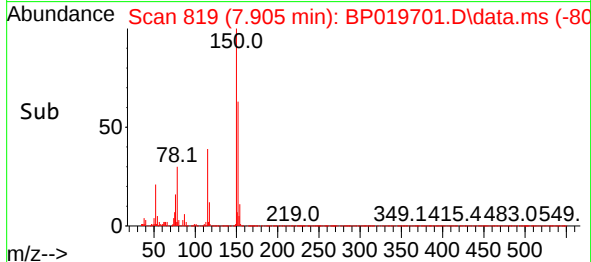
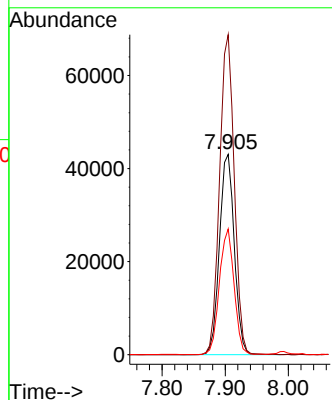
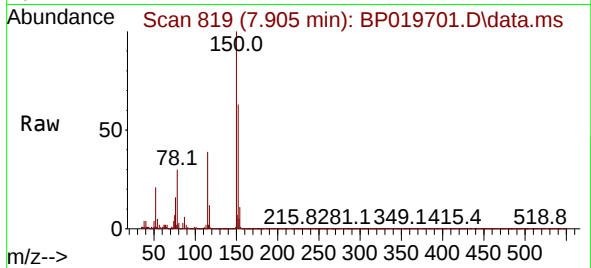




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019701.D
Acq: 14 Feb 2024 14:57

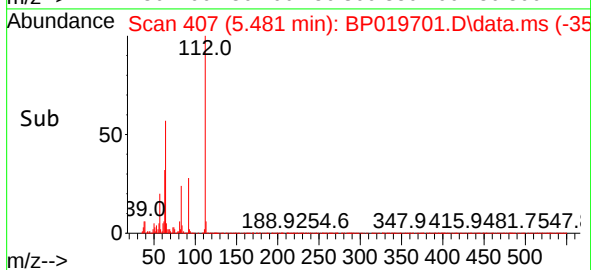
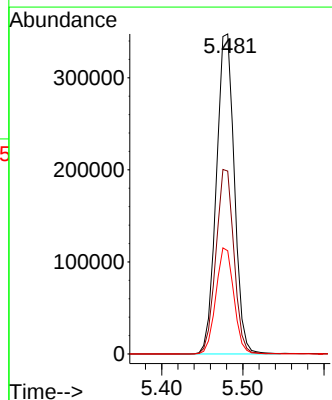
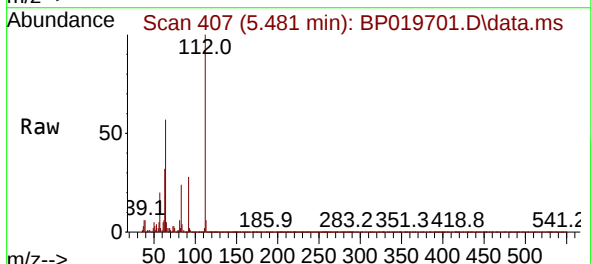
Instrument :
BNA_P
ClientSampleId :
TP-2

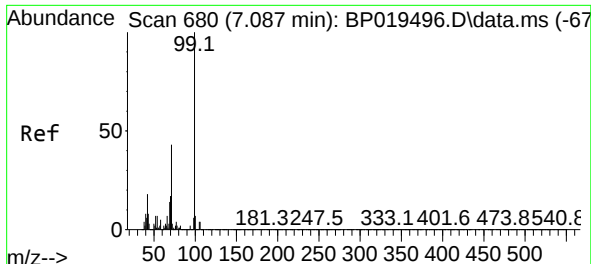
Tgt Ion:152 Resp: 70148
Ion Ratio Lower Upper
152 100
150 159.7 121.8 182.8
115 62.8 49.9 74.9



#5
2-Fluorophenol
Concen: 123.049 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019701.D
Acq: 14 Feb 2024 14:57

Tgt Ion:112 Resp: 535487
Ion Ratio Lower Upper
112 100
64 57.2 47.4 71.0
63 32.3 27.0 40.6

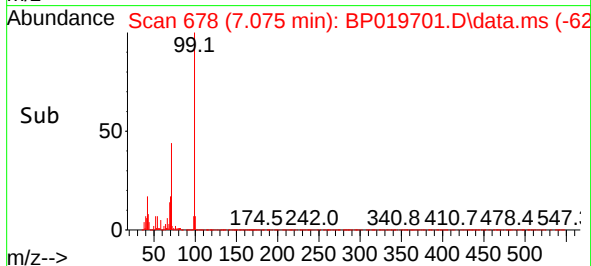
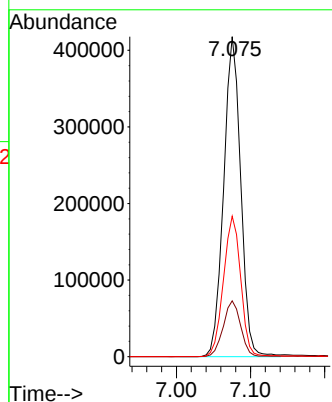
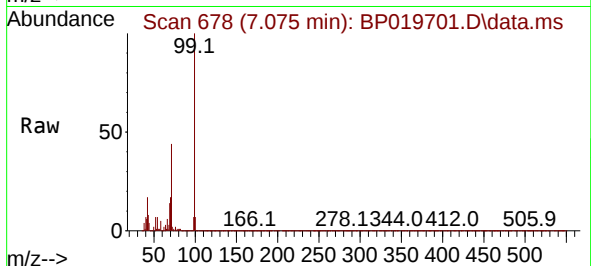




#7
Phenol-d6
Concen: 113.785 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019701.D
Acq: 14 Feb 2024 14:57

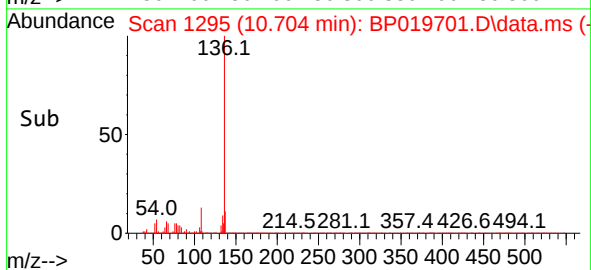
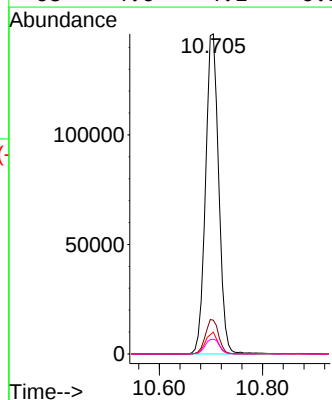
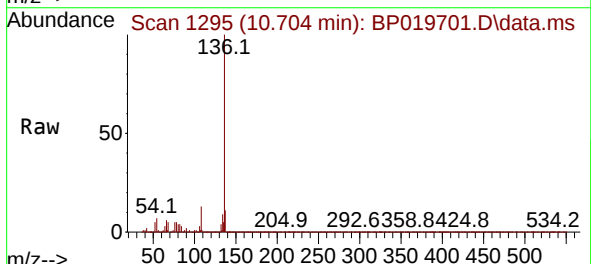
Instrument :
BNA_P
ClientSampleId :
TP-2

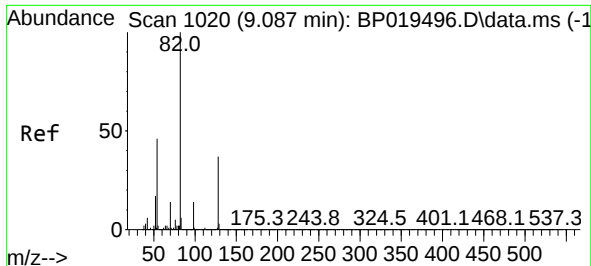
Tgt Ion:	99	Resp:	667671
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.7	22.1
71	43.9	34.8	52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019701.D
Acq: 14 Feb 2024 14:57

Tgt Ion:	136	Resp:	258127
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.8	5.3	7.9
68	4.6	4.1	6.1





#23

Nitrobenzene-d5

Concen: 78.723 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.011 min

Lab File: BP019701.D

Acq: 14 Feb 2024 14:57

Instrument :

BNA_P

ClientSampleId :

TP-2

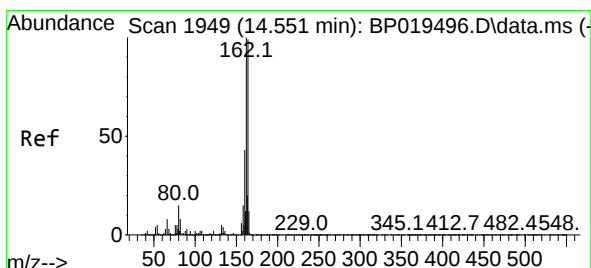
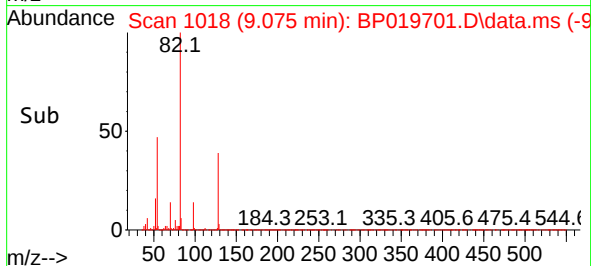
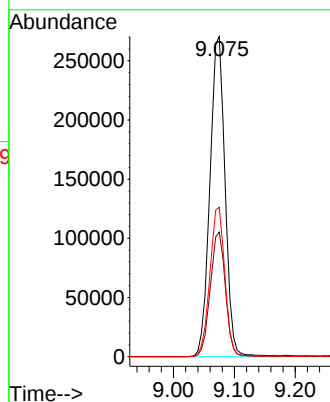
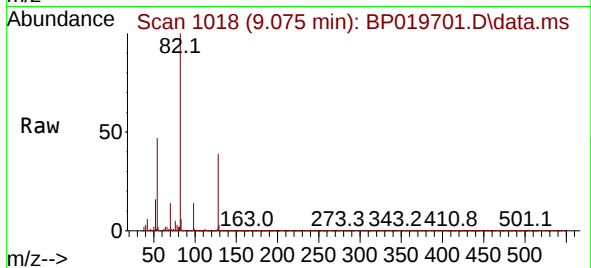
Tgt Ion: 82 Resp: 468956

Ion Ratio Lower Upper

82 100

128 39.0 29.7 44.5

54 46.7 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1947

Delta R.T. -0.011 min

Lab File: BP019701.D

Acq: 14 Feb 2024 14:57

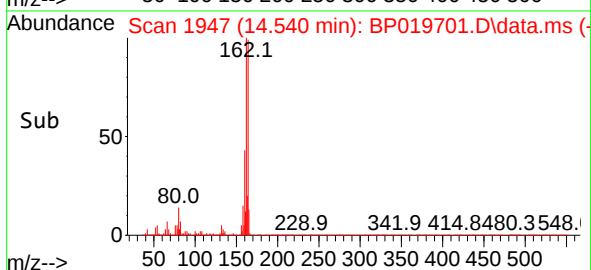
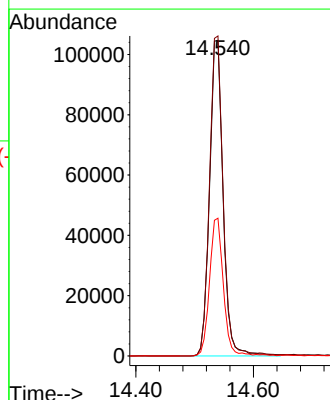
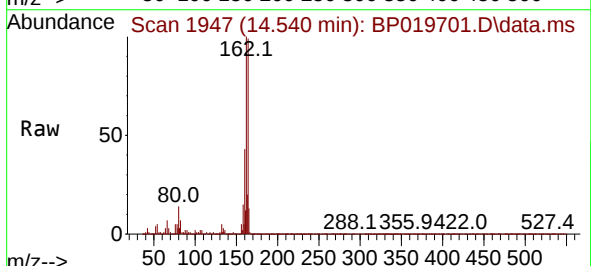
Tgt Ion:164 Resp: 166910

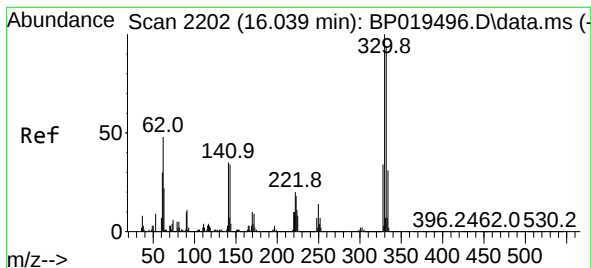
Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

160 43.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 155.131 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019701.D

Acq: 14 Feb 2024 14:57

Instrument :

BNA_P

ClientSampleId :

TP-2

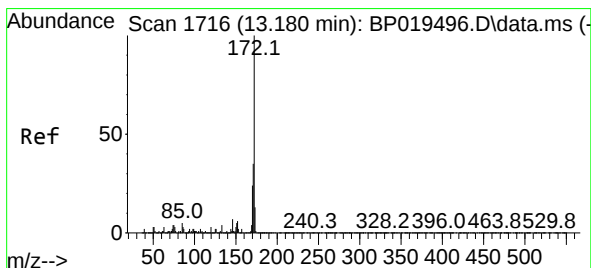
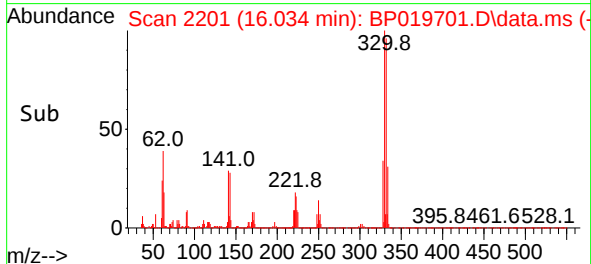
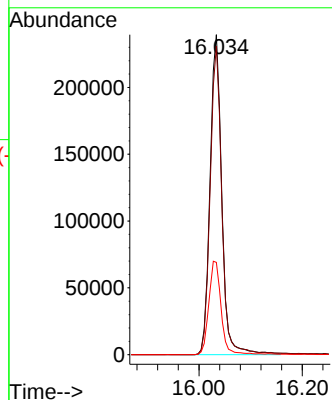
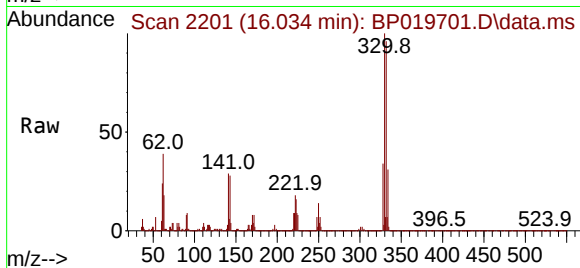
Tgt Ion:330 Resp: 378056

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 30.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 78.527 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019701.D

Acq: 14 Feb 2024 14:57

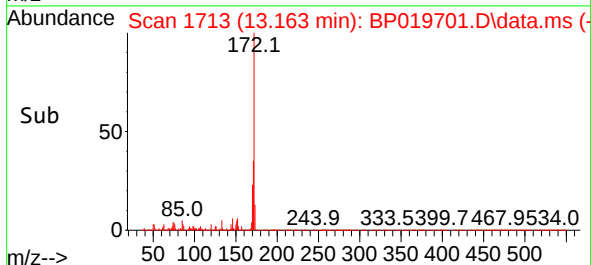
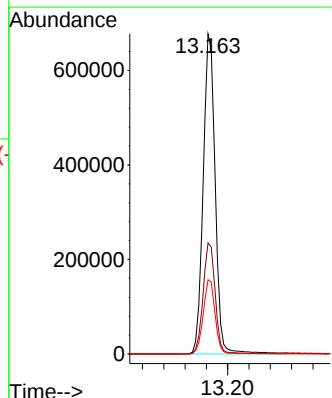
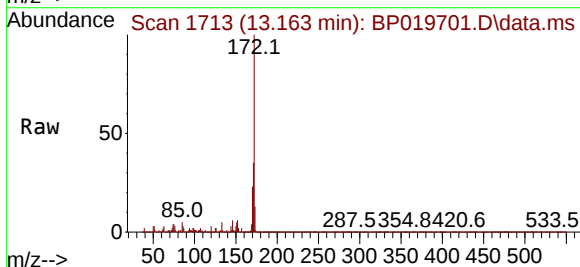
Tgt Ion:172 Resp: 1060237

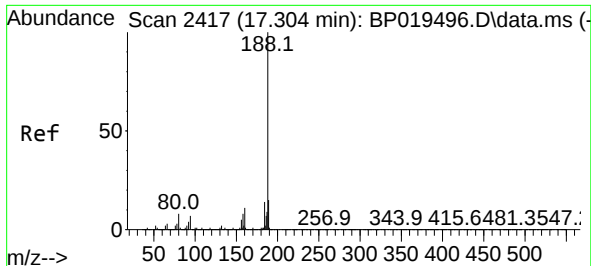
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.2 18.9 28.3

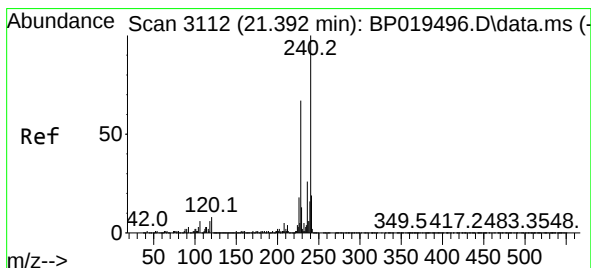
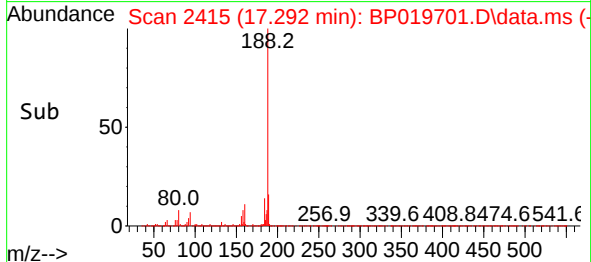
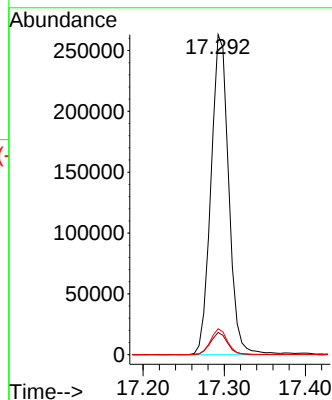
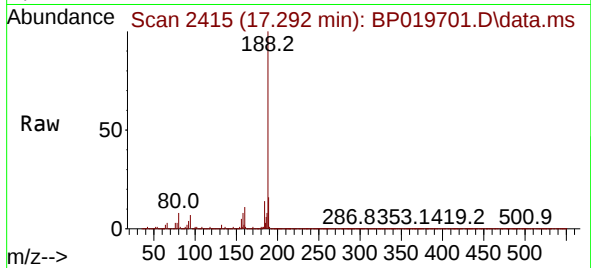




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP019701.D
Acq: 14 Feb 2024 14:57

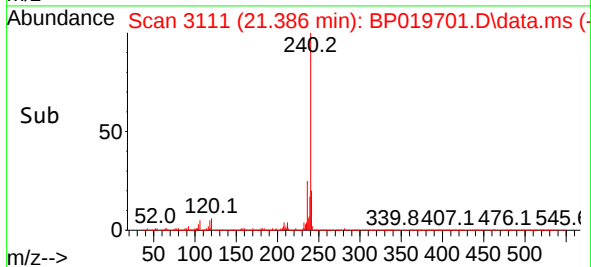
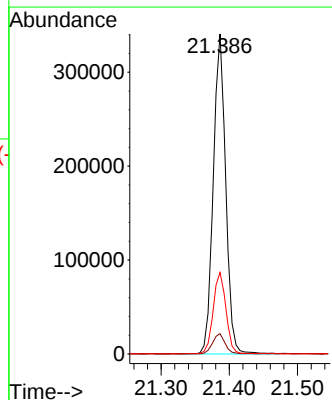
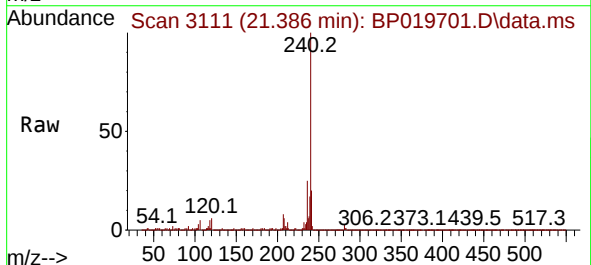
Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:188 Resp: 398685
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 8.1 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP019701.D
Acq: 14 Feb 2024 14:57

Tgt Ion:240 Resp: 432656
Ion Ratio Lower Upper
240 100
120 6.3 6.1 9.1
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 77.939 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019701.D

Acq: 14 Feb 2024 14:57

Instrument :

BNA_P

ClientSampleId :

TP-2

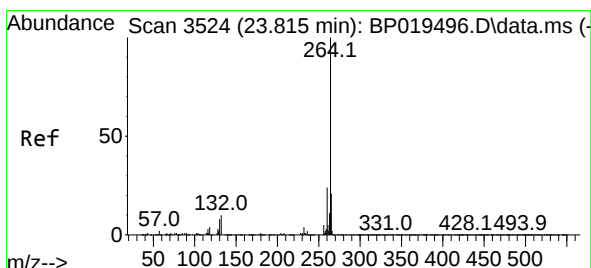
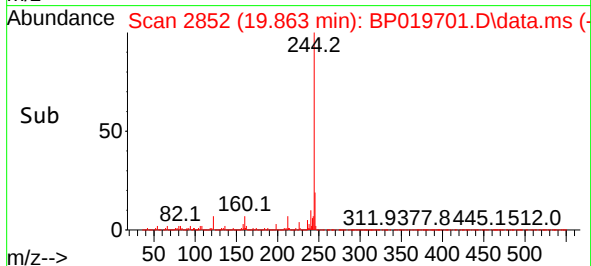
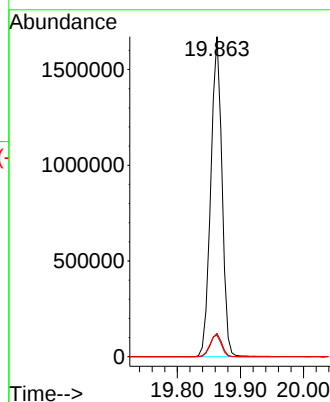
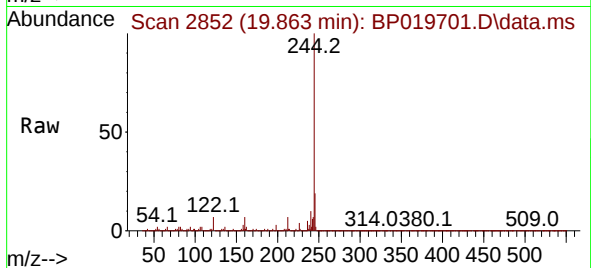
Tgt Ion:244 Resp: 2050466

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.7 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.011 min

Lab File: BP019701.D

Acq: 14 Feb 2024 14:57

Tgt Ion:264 Resp: 501110

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 17.0 25.4

