

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
 Data File : BP019761.D
 Acq On : 19 Feb 2024 13:57
 Operator : MA/JU
 Sample : PB159068BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159068BL

Quant Time: Feb 19 14:26:37 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	7.899	152	74098	20.000	ng	-0.02
21) Naphthalene-d8	10.699	136	260739	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	164085	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	404347	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	441486	20.000	ng	# 0.00
86) Perylene-d12	23.810	264	499705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	564862	122.880	ng	-0.01
7) Phenol-d6	7.075	99	701232	113.134	ng	-0.01
23) Nitrobenzene-d5	9.069	82	503260	83.635	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	366144	152.830	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1138451	85.772	ng	-0.02
79) Terphenyl-d14	19.863	244	2438398	90.831	ng	0.00

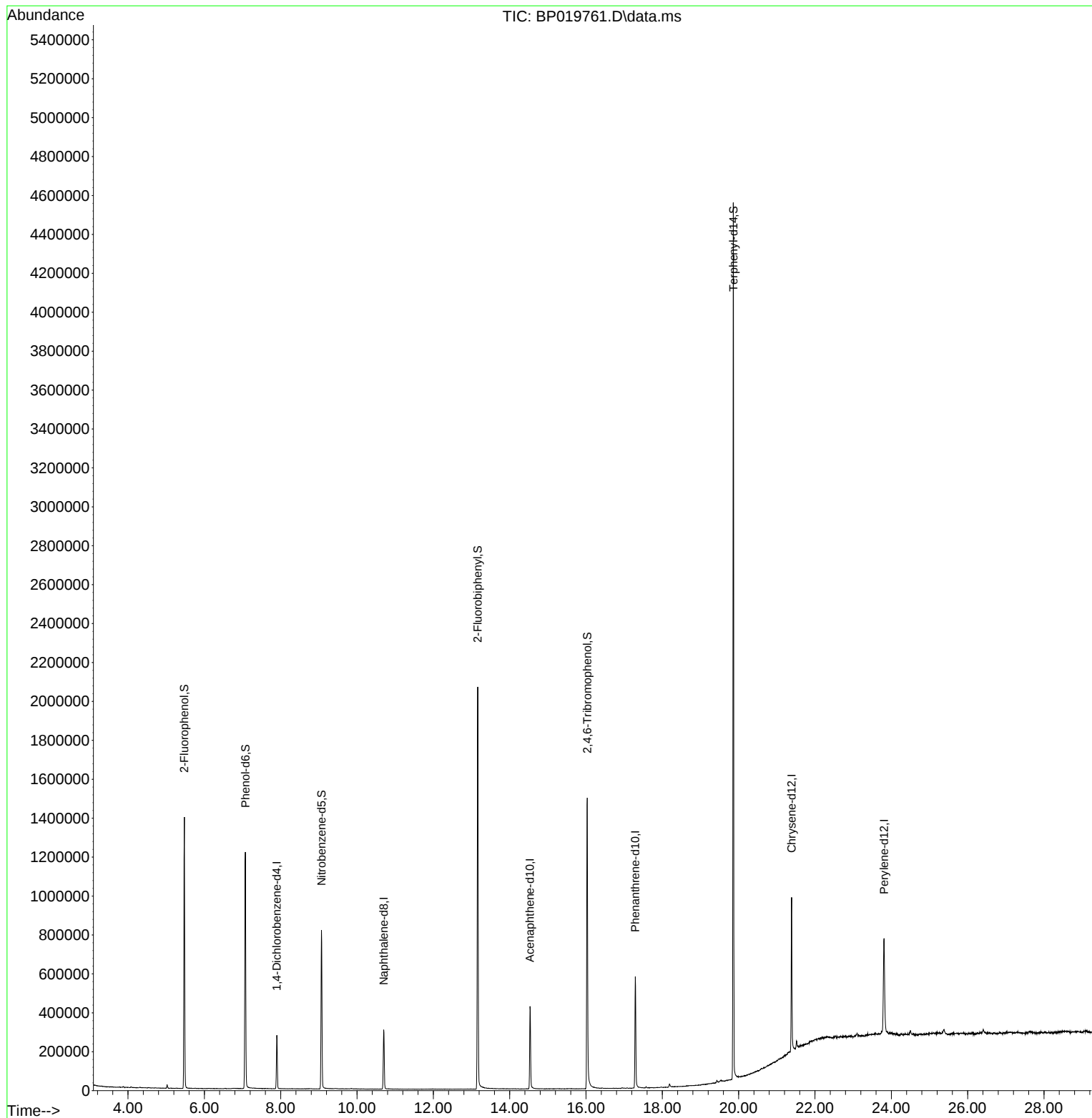
Target Compounds	Qvalue

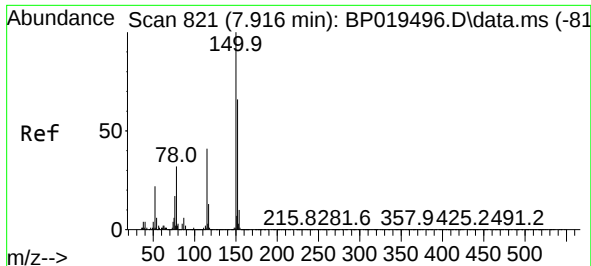
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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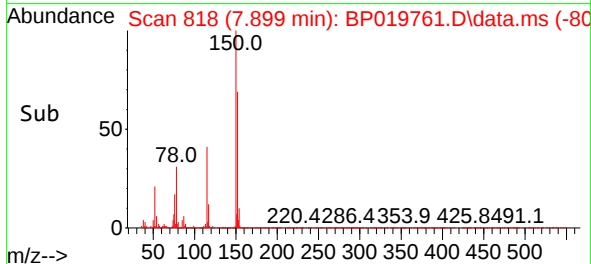
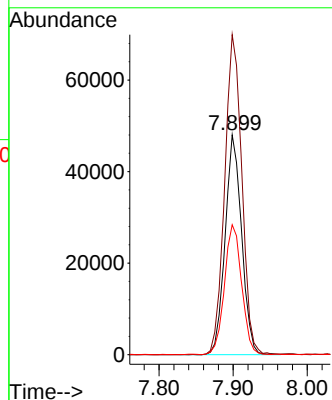
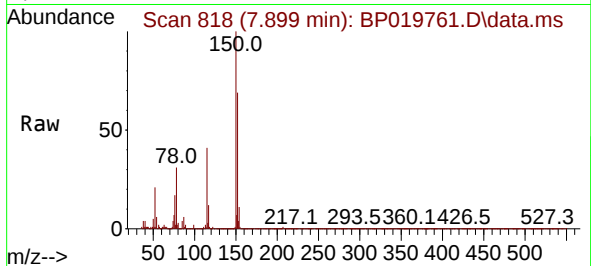




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019761.D
Acq: 19 Feb 2024 13:57

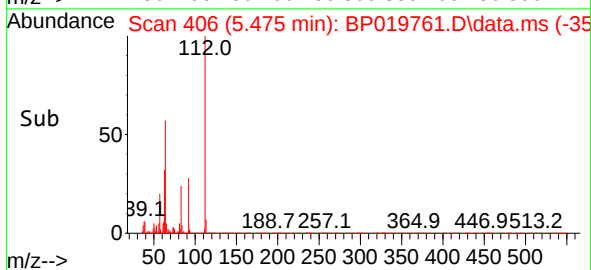
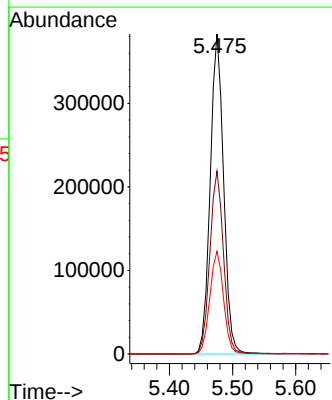
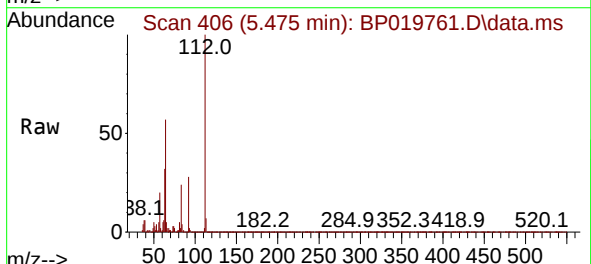
Instrument :
BNA_P
ClientSampleId :
PB159068BL

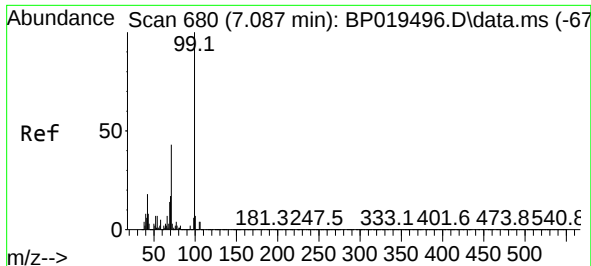
Tgt Ion:152 Resp: 74098
Ion Ratio Lower Upper
152 100
150 145.5 121.8 182.8
115 59.1 49.9 74.9



#5
2-Fluorophenol
Concen: 122.880 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019761.D
Acq: 19 Feb 2024 13:57

Tgt Ion:112 Resp: 564862
Ion Ratio Lower Upper
112 100
64 57.2 47.4 71.0
63 32.1 27.0 40.6

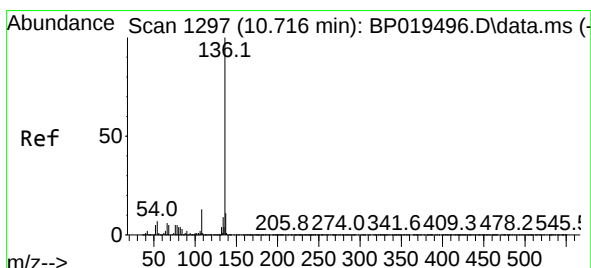
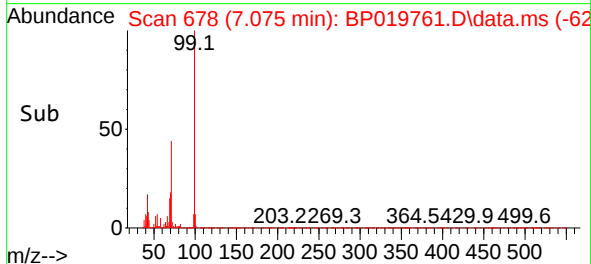
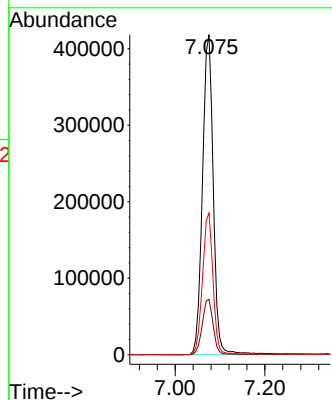
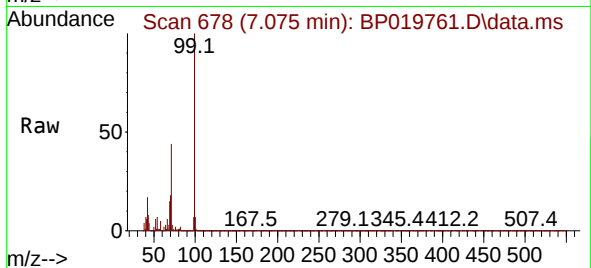




#7
Phenol-d6
Concen: 113.134 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019761.D
Acq: 19 Feb 2024 13:57

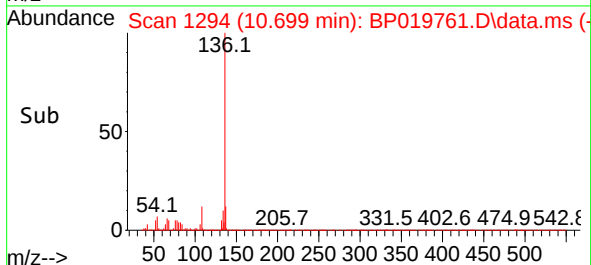
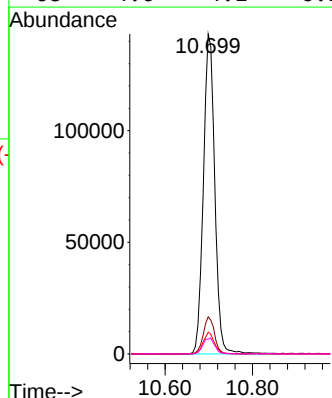
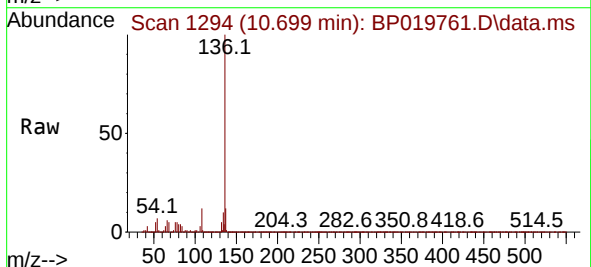
Instrument :
BNA_P
ClientSampleId :
PB159068BL

Tgt Ion: 99 Resp: 701232
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 44.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019761.D
Acq: 19 Feb 2024 13:57

Tgt Ion:136 Resp: 260739
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 6.8 5.3 7.9
68 4.6 4.1 6.1

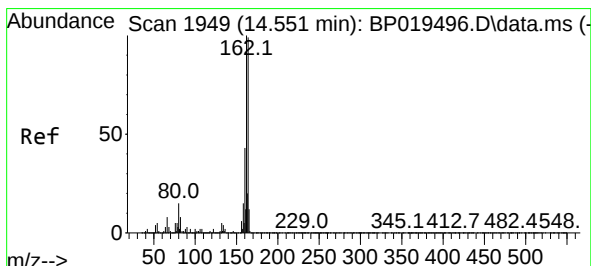
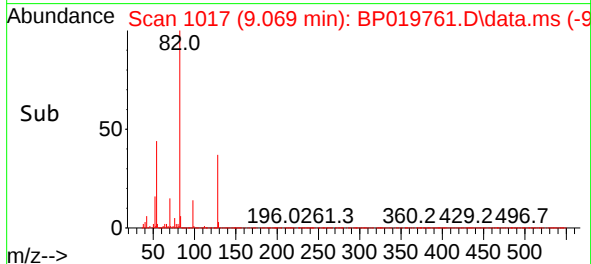
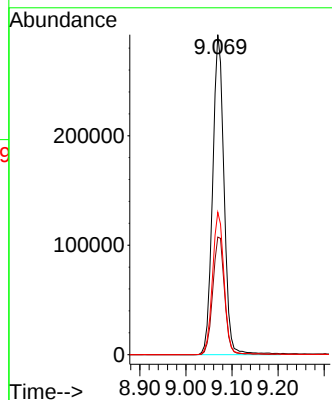
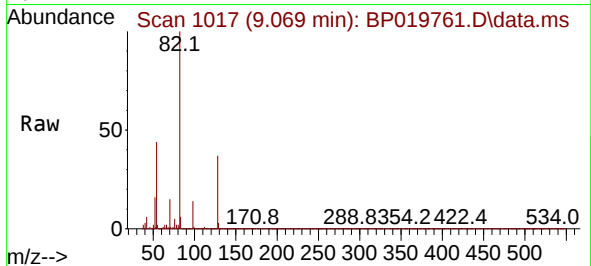




#23
Nitrobenzene-d5
Concen: 83.635 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019761.D
Acq: 19 Feb 2024 13:57

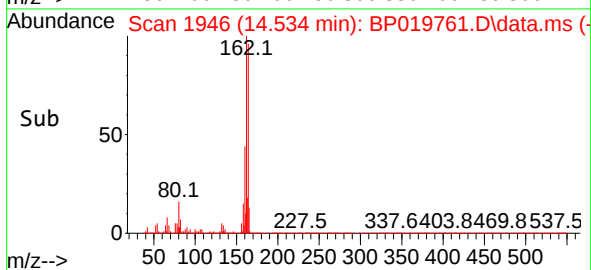
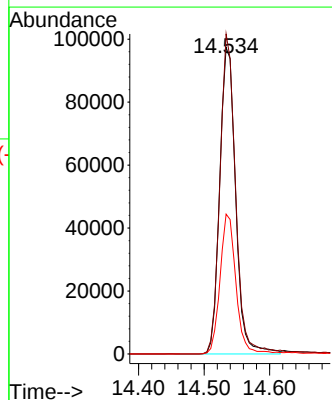
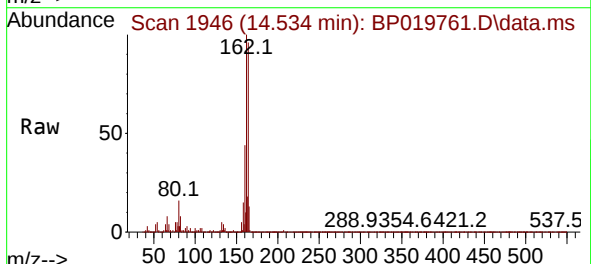
Instrument :
BNA_P
ClientSampleId :
PB159068BL

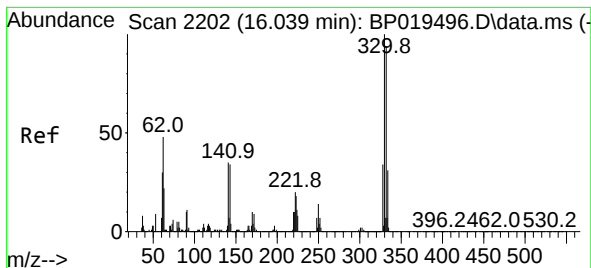
Tgt Ion: 82 Resp: 503260
Ion Ratio Lower Upper
82 100
128 36.7 29.7 44.5
54 44.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019761.D
Acq: 19 Feb 2024 13:57

Tgt Ion:164 Resp: 164085
Ion Ratio Lower Upper
164 100
162 104.4 81.2 121.8
160 45.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 152.830 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019761.D

Acq: 19 Feb 2024 13:57

Instrument :

BNA_P

ClientSampleId :

PB159068BL

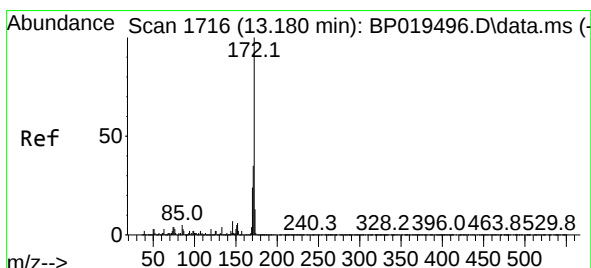
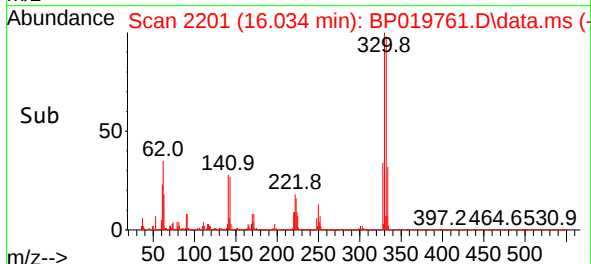
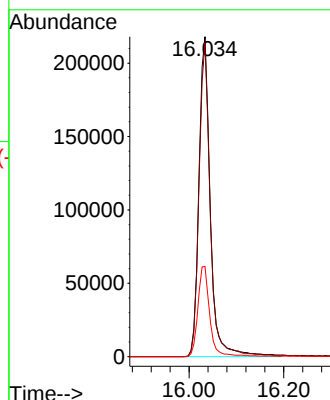
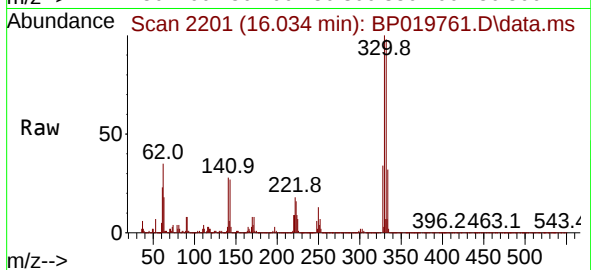
Tgt Ion:330 Resp: 366144

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 28.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 85.772 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019761.D

Acq: 19 Feb 2024 13:57

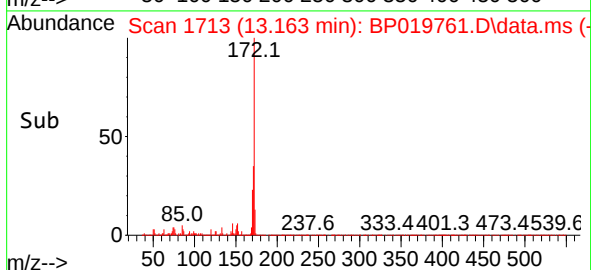
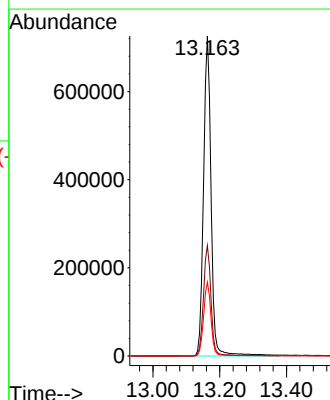
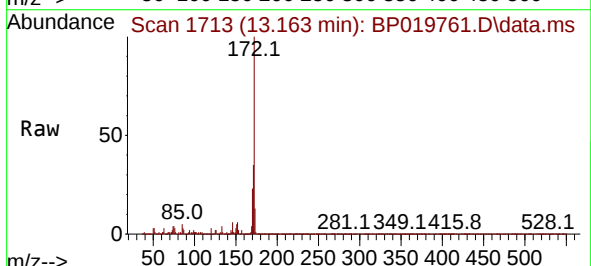
Tgt Ion:172 Resp: 1138451

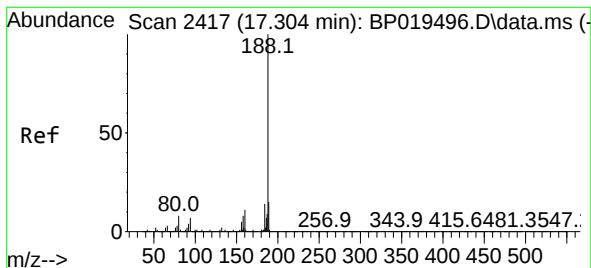
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP019761.D

Acq: 19 Feb 2024 13:57

Instrument :

BNA_P

ClientSampleId :

PB159068BL

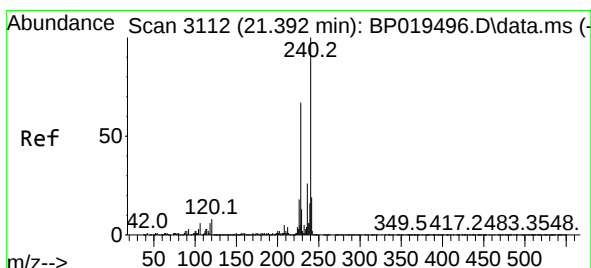
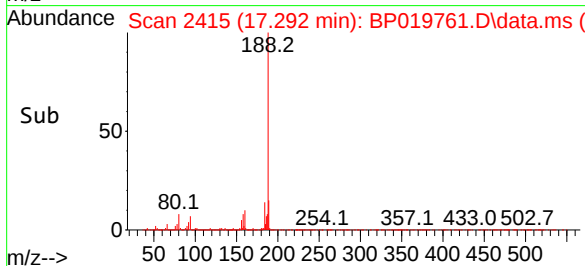
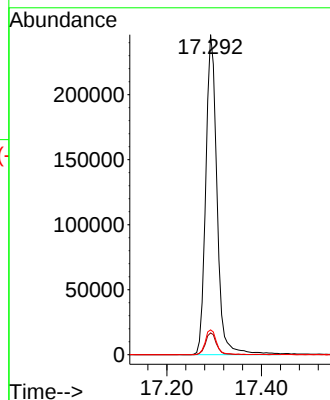
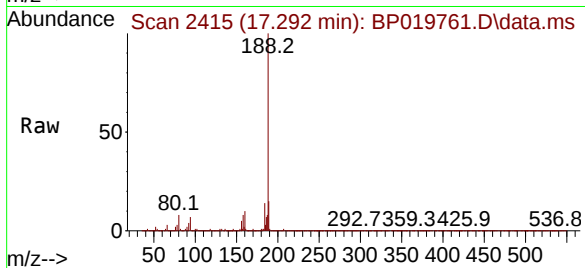
Tgt Ion:188 Resp: 404347

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 7.7 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: BP019761.D

Acq: 19 Feb 2024 13:57

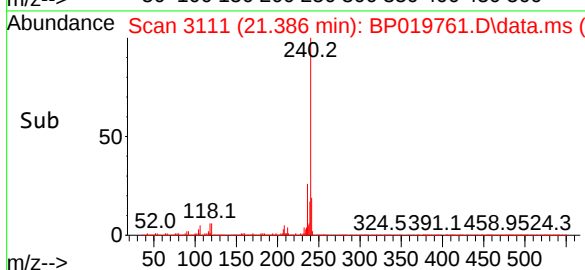
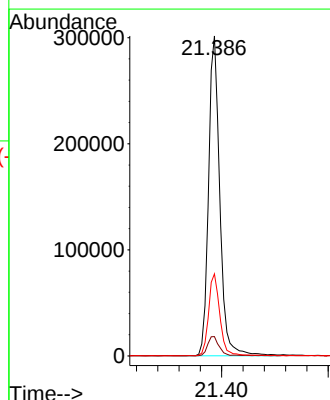
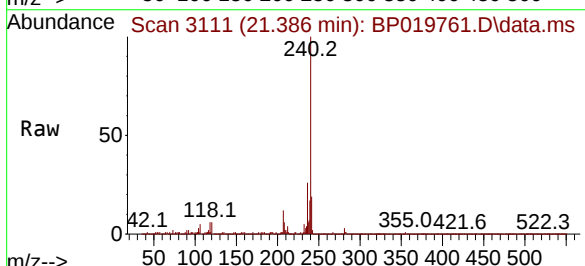
Tgt Ion:240 Resp: 441486

Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1#

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 90.831 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019761.D

Acq: 19 Feb 2024 13:57

Instrument :

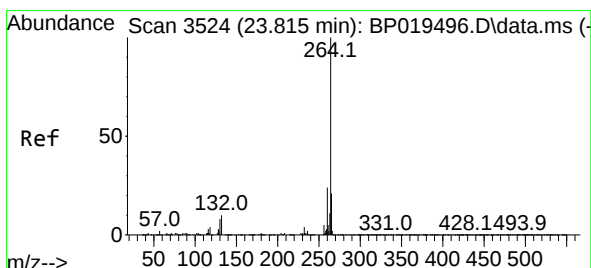
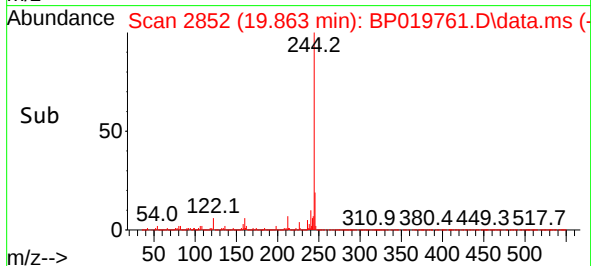
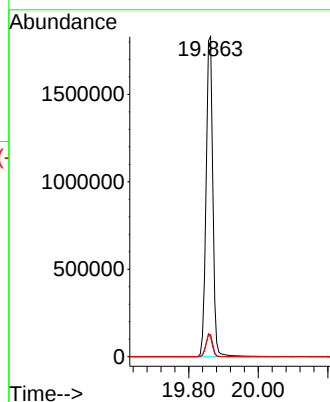
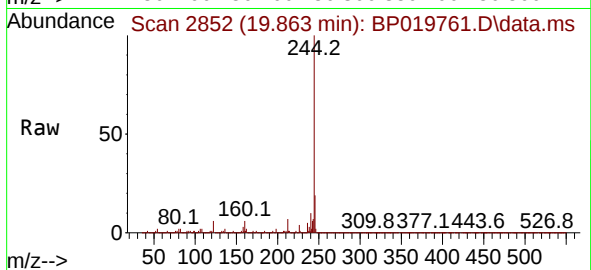
BNA_P

ClientSampleId :

PB159068BL

Tgt Ion:244 Resp: 2438398

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	6.1	5.9	8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019761.D

Acq: 19 Feb 2024 13:57

Tgt Ion:264 Resp: 499705

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	17.0	25.4

