

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021324\
Data File : BP019681.D
Acq On : 13 Feb 2024 17:08
Operator : MA/JU
Sample : P1378-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Time: Feb 13 17:39:22 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	63383	20.000	ng	-0.02
21) Naphthalene-d8	10.699	136	223570	20.000	ng	-0.02
39) Acenaphthene-d10	14.540	164	136502	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	316930	20.000	ng	0.00
76) Chrysene-d12	21.386	240	363450	20.000	ng	0.00
86) Perylene-d12	23.816	264	436693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	469506	119.402	ng	-0.01
7) Phenol-d6	7.069	99	539711	101.795	ng	-0.02
23) Nitrobenzene-d5	9.069	82	443229	85.905	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	319792	160.455	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	958521	86.808	ng	-0.02
79) Terphenyl-d14	19.863	244	1885777	85.328	ng	0.00

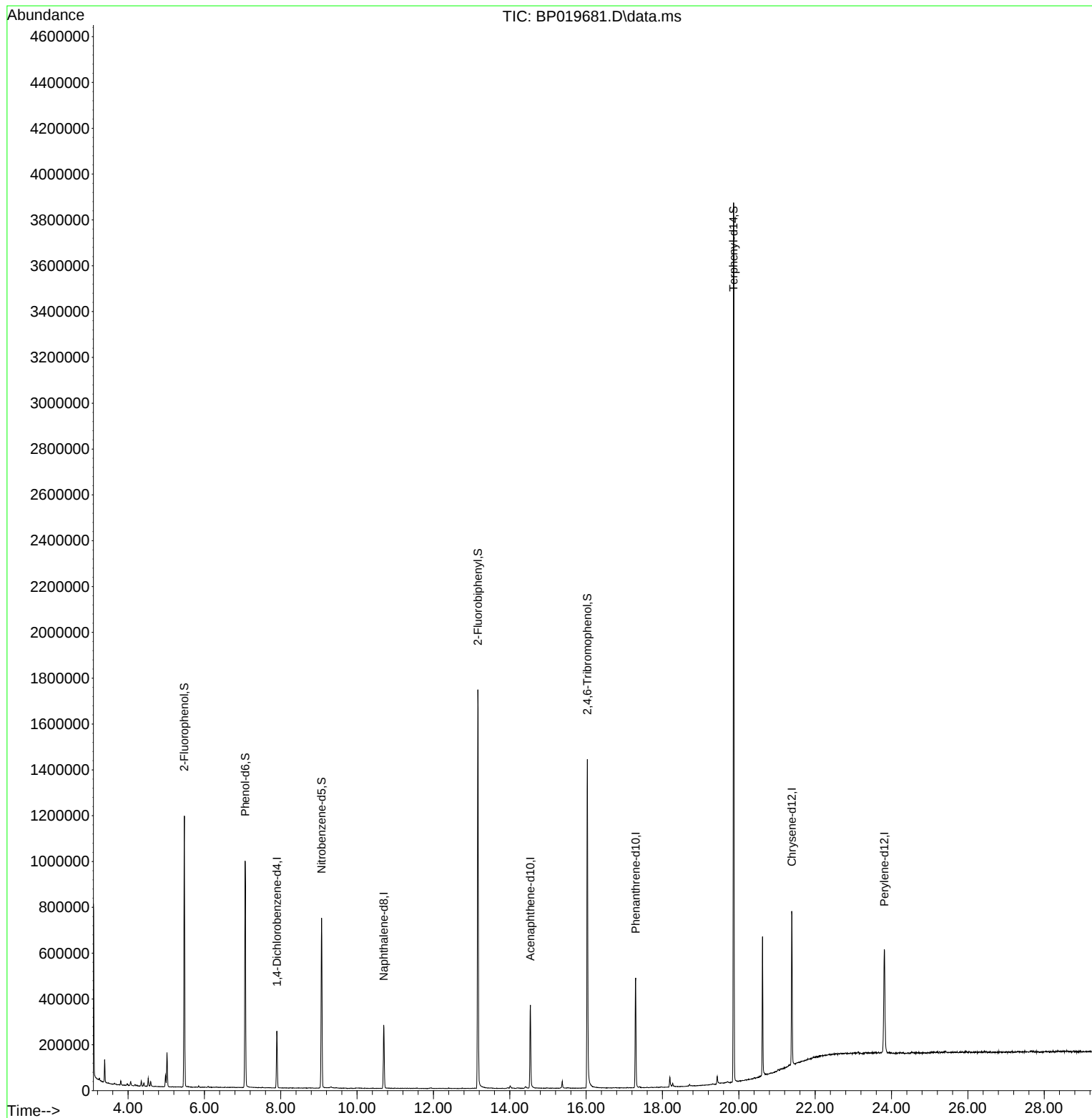
Target Compounds	Qvalue

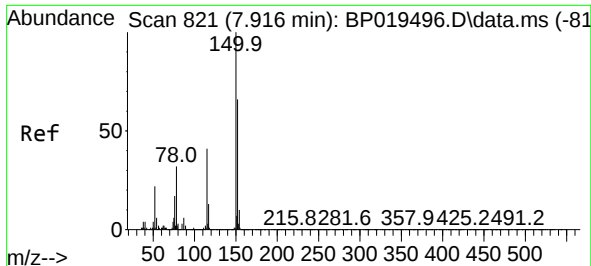
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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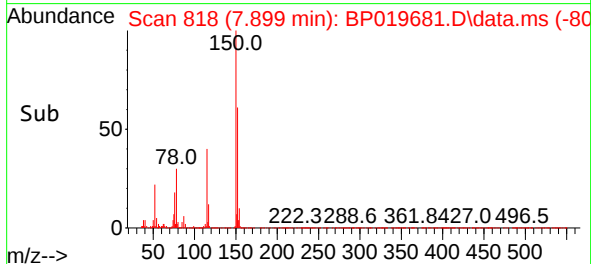
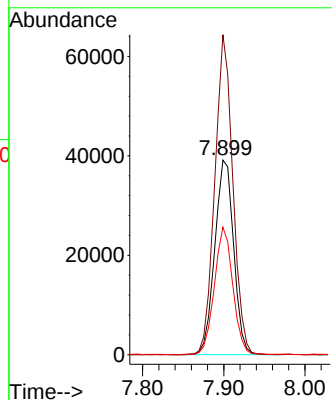
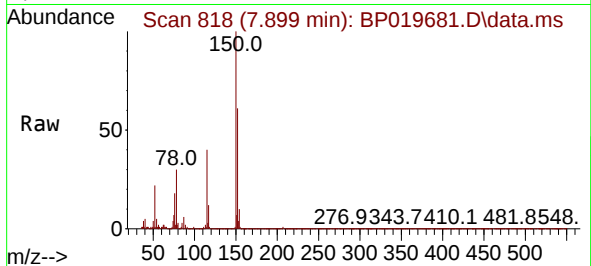




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019681.D
Acq: 13 Feb 2024 17:08

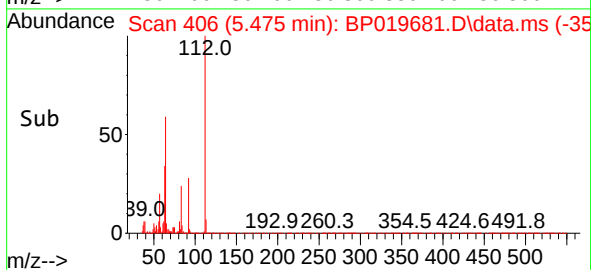
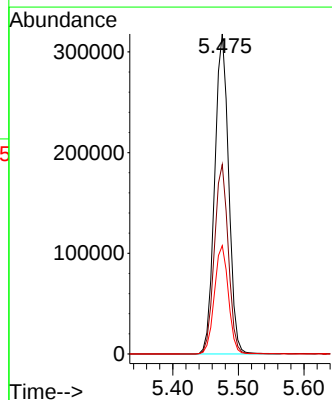
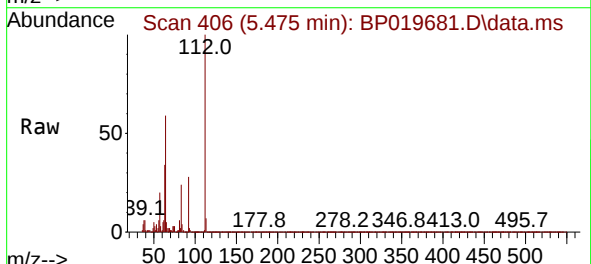
Instrument :
BNA_P
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 63383
Ion Ratio Lower Upper
152 100
150 164.4 121.8 182.8
115 65.5 49.9 74.9



#5
2-Fluorophenol
Concen: 119.402 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019681.D
Acq: 13 Feb 2024 17:08

Tgt Ion:112 Resp: 469506
Ion Ratio Lower Upper
112 100
64 59.2 47.4 71.0
63 33.9 27.0 40.6

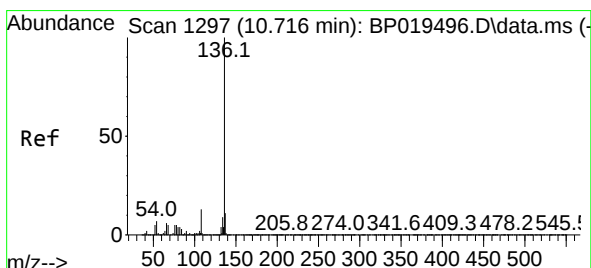
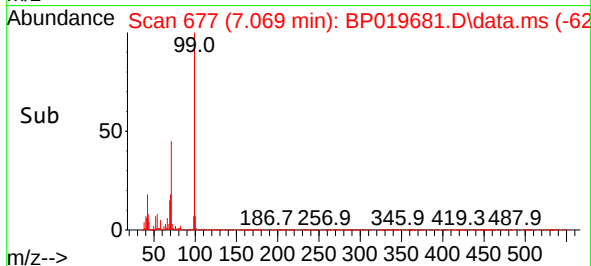
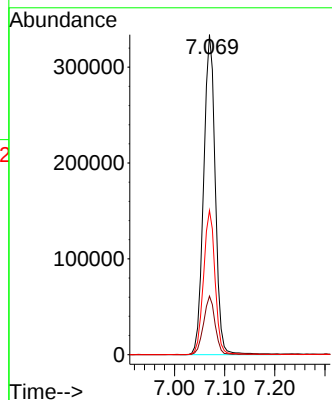
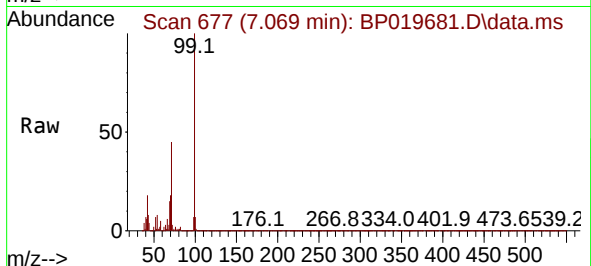




#7
Phenol-d6
Concen: 101.795 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019681.D
Acq: 13 Feb 2024 17:08

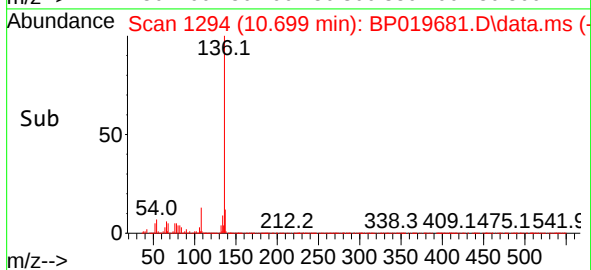
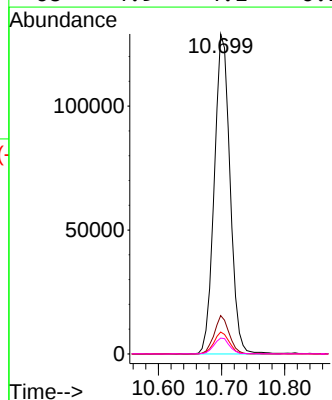
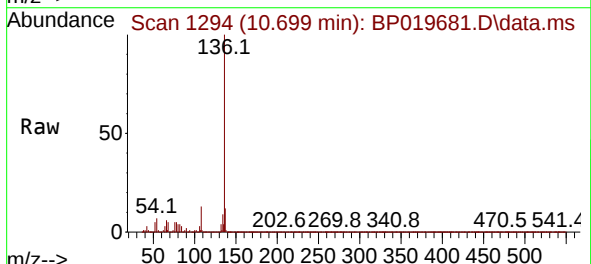
Instrument :
BNA_P
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 539711
Ion Ratio Lower Upper
99 100
42 18.3 14.7 22.1
71 45.0 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: BP019681.D
Acq: 13 Feb 2024 17:08

Tgt Ion: 136 Resp: 223570
Ion Ratio Lower Upper
136 100
137 12.0 8.8 13.2
54 6.8 5.3 7.9
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 85.905 ng

RT: 9.069 min Scan# 1020

Delta R.T. -0.017 min

Lab File: BP019681.D

Acq: 13 Feb 2024 17:08

Instrument :

BNA_P

ClientSampleId :

TP-5

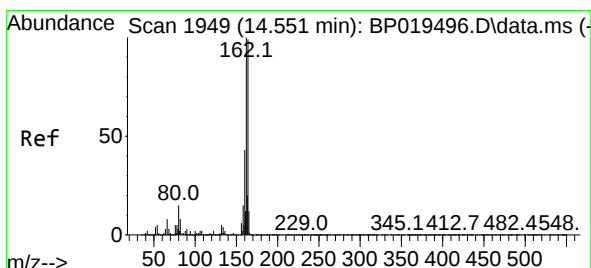
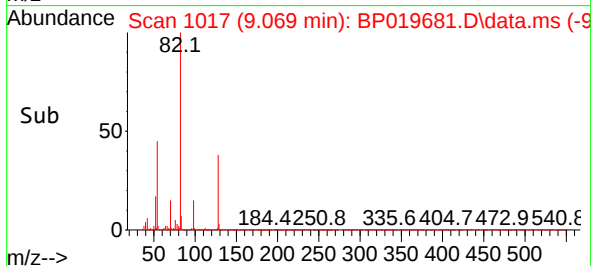
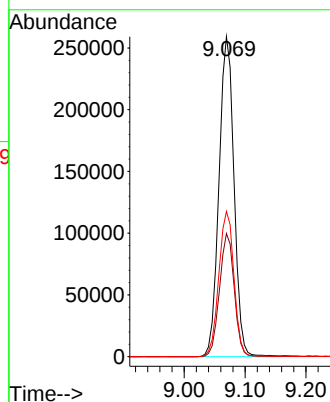
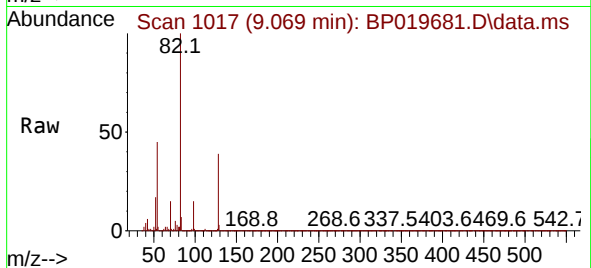
Tgt Ion: 82 Resp: 443229

Ion Ratio Lower Upper

82 100

128 38.5 29.7 44.5

54 45.4 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: BP019681.D

Acq: 13 Feb 2024 17:08

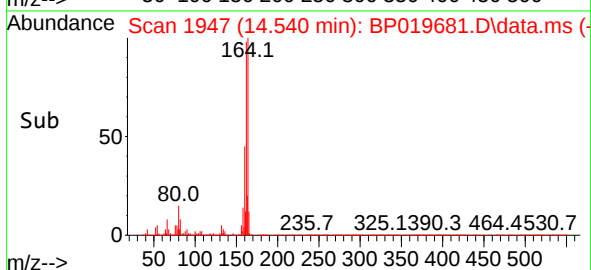
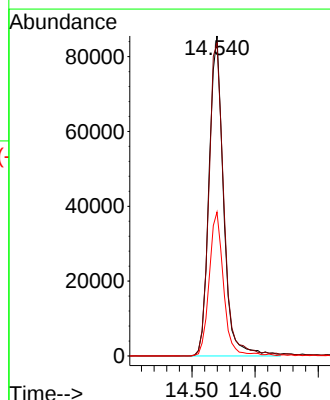
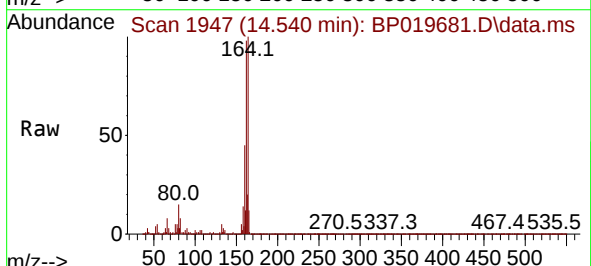
Tgt Ion: 164 Resp: 136502

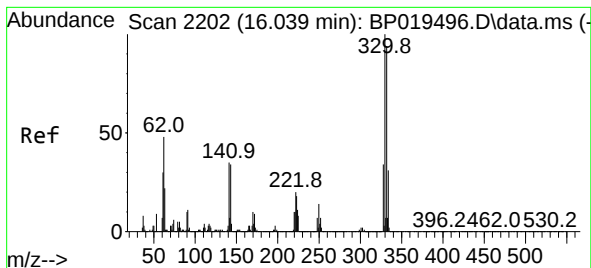
Ion Ratio Lower Upper

164 100

162 97.8 81.2 121.8

160 45.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 160.455 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019681.D

Acq: 13 Feb 2024 17:08

Instrument :

BNA_P

ClientSampleId :

TP-5

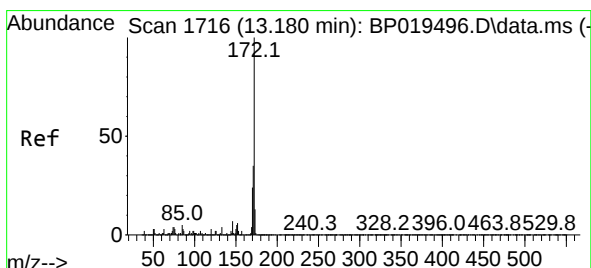
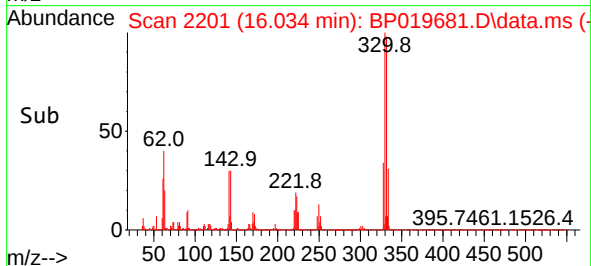
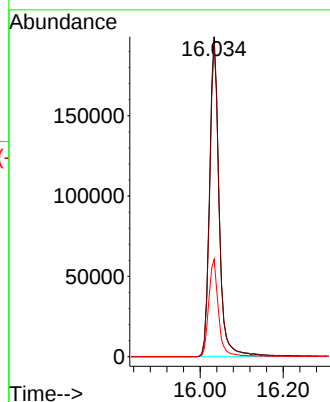
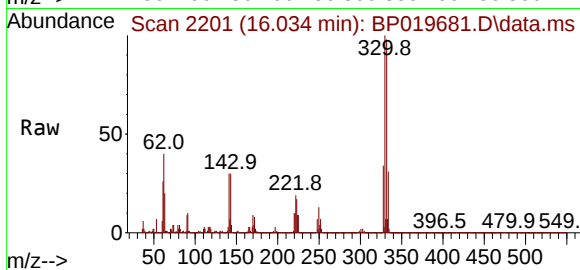
Tgt Ion:330 Resp: 319792

Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 31.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 86.808 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019681.D

Acq: 13 Feb 2024 17:08

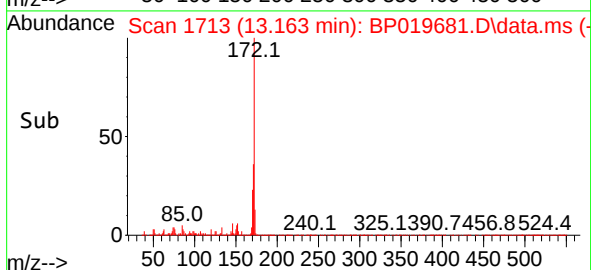
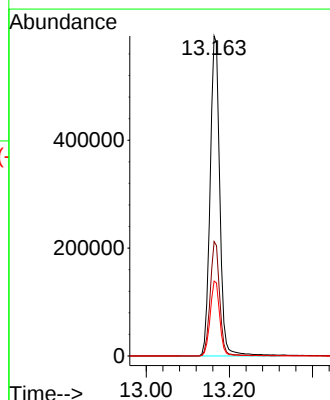
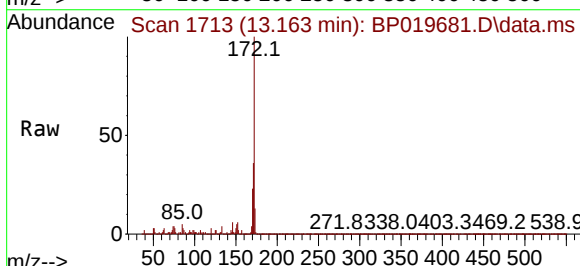
Tgt Ion:172 Resp: 958521

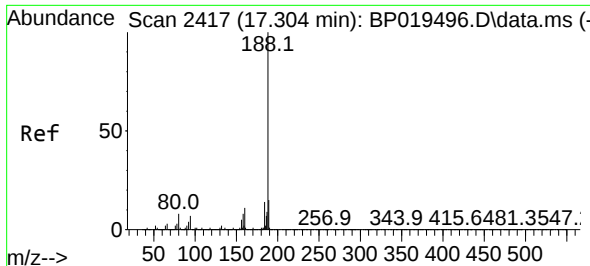
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.4 18.9 28.3

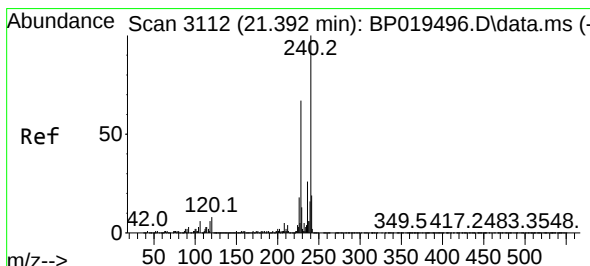
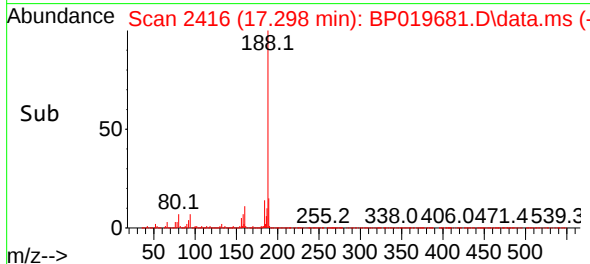
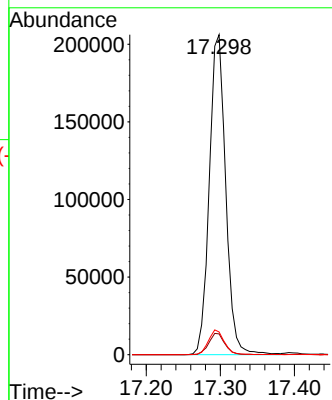
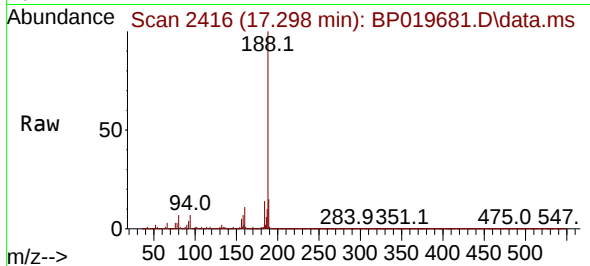




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019681.D
Acq: 13 Feb 2024 17:08

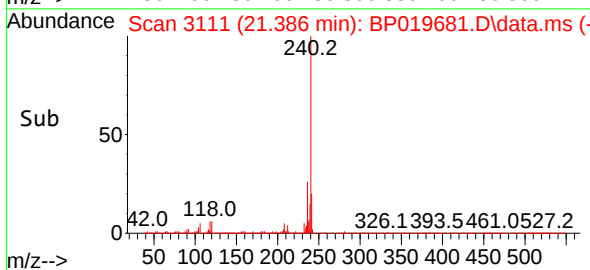
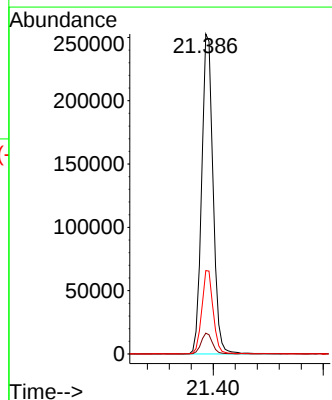
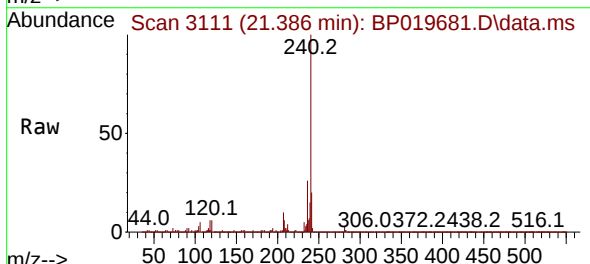
Instrument :
BNA_P
ClientSampleId :
TP-5

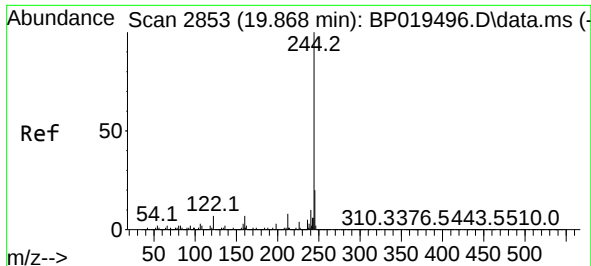
Tgt Ion:188 Resp: 316930
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 7.1 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.005 min
Lab File: BP019681.D
Acq: 13 Feb 2024 17:08

Tgt Ion:240 Resp: 363450
Ion Ratio Lower Upper
240 100
120 6.5 6.1 9.1
236 26.1 20.7 31.1



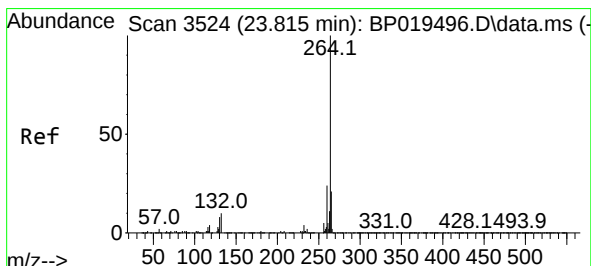
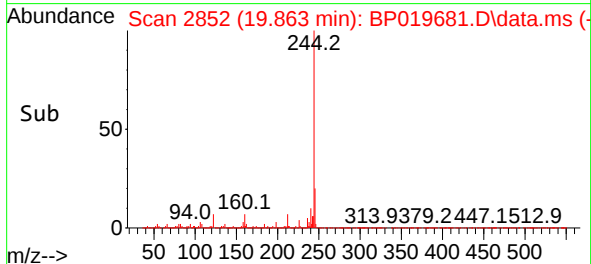
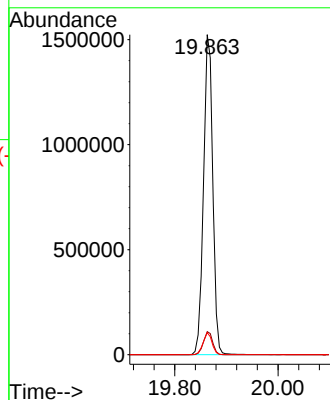
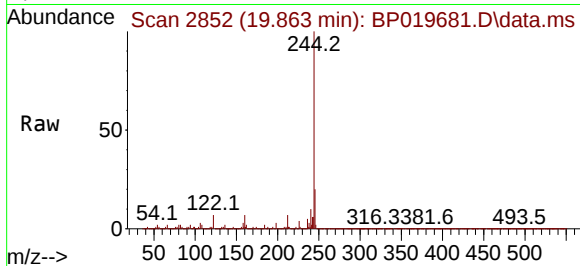


#79
 Terphenyl-d14
 Concen: 85.328 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BP019681.D
 Acq: 13 Feb 2024 17:08

Instrument :
 BNA_P
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 1885777

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.9	5.9	8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.816 min Scan# 3524
 Delta R.T. 0.000 min
 Lab File: BP019681.D
 Acq: 13 Feb 2024 17:08

Tgt Ion:264 Resp: 436693

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.0	25.4

