

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
 Data File : BP019832.D
 Acq On : 22 Feb 2024 19:30
 Operator : MA/JU
 Sample : P1560-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-SLAB

Quant Time: Feb 23 00:59:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	72161	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	273750	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	200519	20.000	ng	-0.01
64) Phenanthrene-d10	17.287	188	468114	20.000	ng	0.00
76) Chrysene-d12	21.386	240	484557	20.000	ng	# 0.00
86) Perylene-d12	23.804	264	555417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	371717	83.034	ng	0.00
7) Phenol-d6	7.069	99	493212	81.709	ng	0.00
23) Nitrobenzene-d5	9.063	82	356130	56.371	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	236996	80.949	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	897629	55.340	ng	0.00
79) Terphenyl-d14	19.857	244	1939867	65.837	ng	0.00

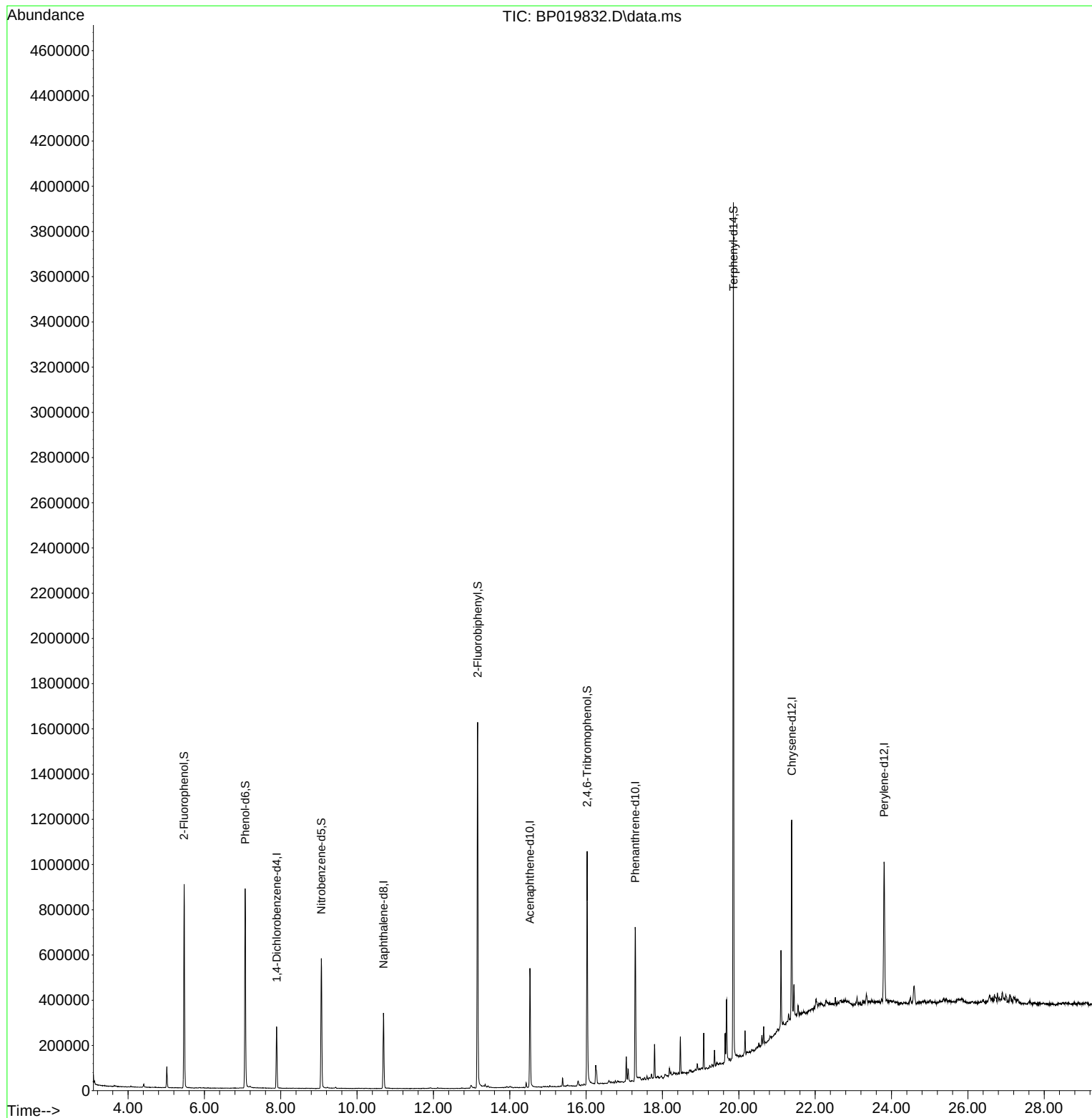
Target Compounds	Qvalue

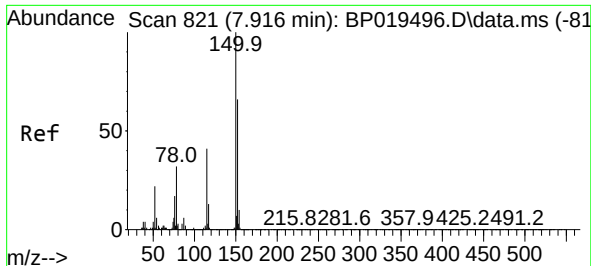
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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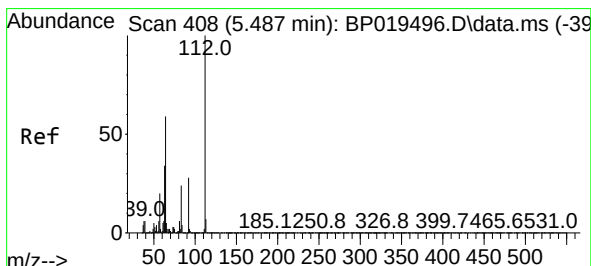
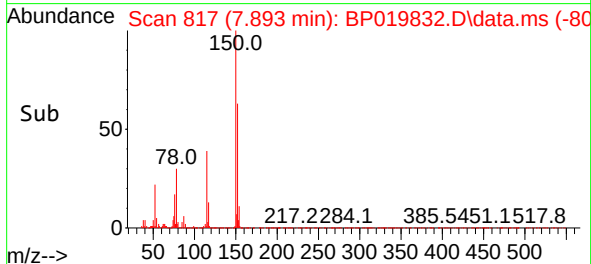
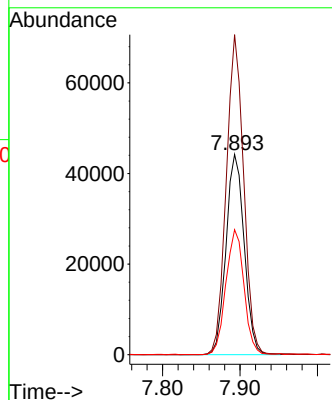
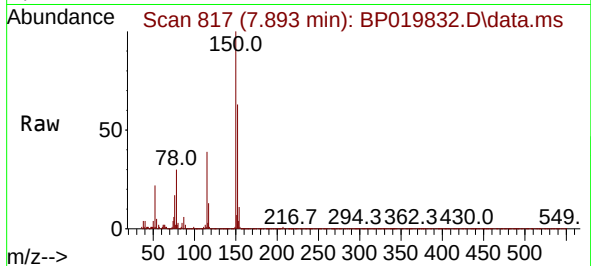




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019832.D
Acq: 22 Feb 2024 19:30

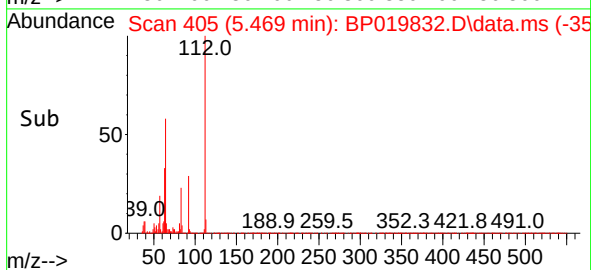
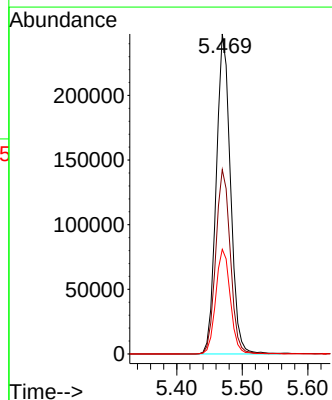
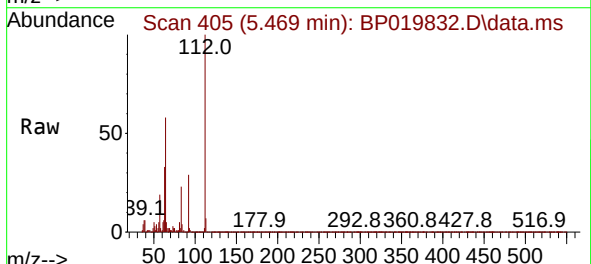
Instrument :
BNA_P
ClientSampleId :
CONCRETE-SLAB

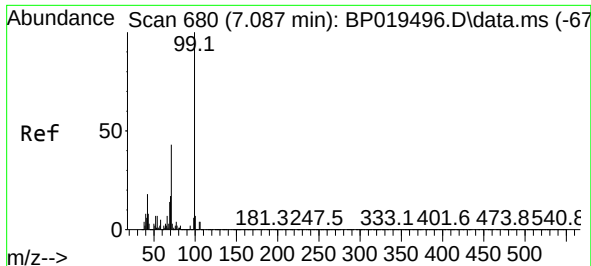
Tgt Ion:152 Resp: 72161
Ion Ratio Lower Upper
152 100
150 159.8 121.8 182.8
115 62.4 49.9 74.9



#5
2-Fluorophenol
Concen: 83.034 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019832.D
Acq: 22 Feb 2024 19:30

Tgt Ion:112 Resp: 371717
Ion Ratio Lower Upper
112 100
64 57.6 47.4 71.0
63 32.7 27.0 40.6

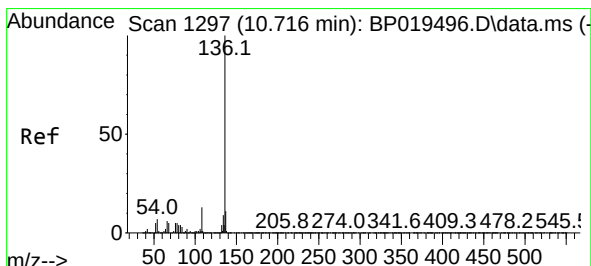
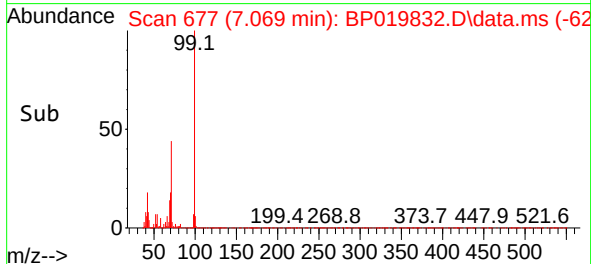
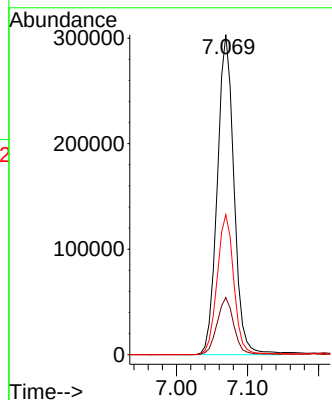
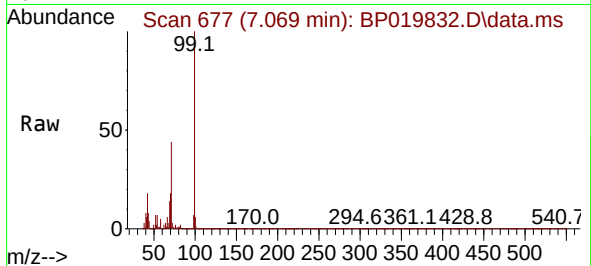




#7
Phenol-d6
Concen: 81.709 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019832.D
Acq: 22 Feb 2024 19:30

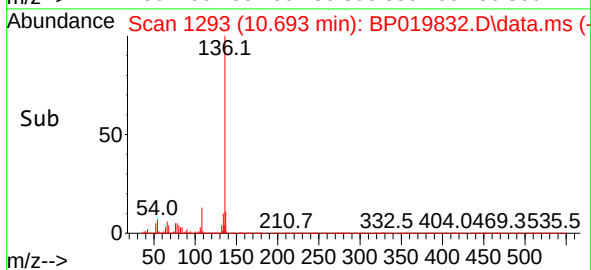
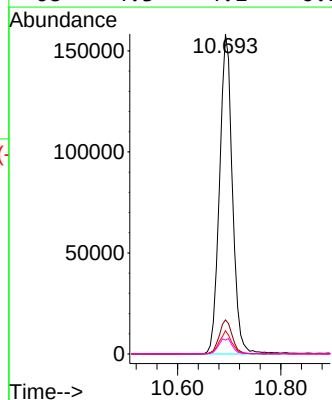
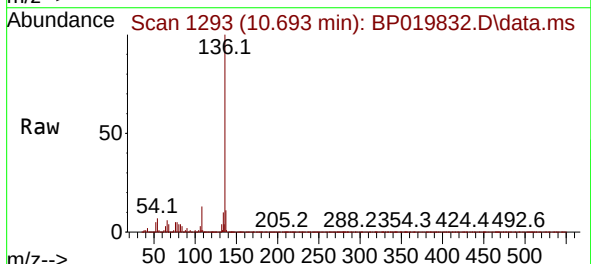
Instrument :
BNA_P
ClientSampleId :
CONCRETE-SLAB

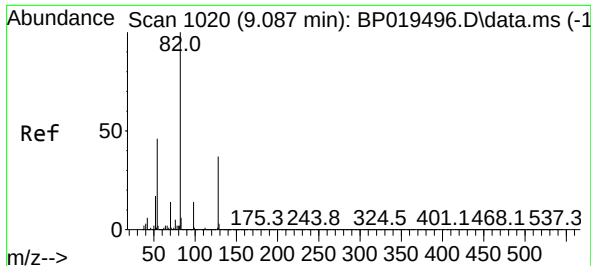
Tgt Ion: 99 Resp: 493212
Ion Ratio Lower Upper
99 100
42 17.9 14.7 22.1
71 43.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019832.D
Acq: 22 Feb 2024 19:30

Tgt Ion:136 Resp: 273750
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.2 5.3 7.9
68 4.3 4.1 6.1

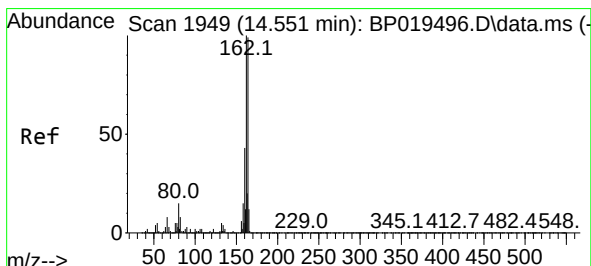
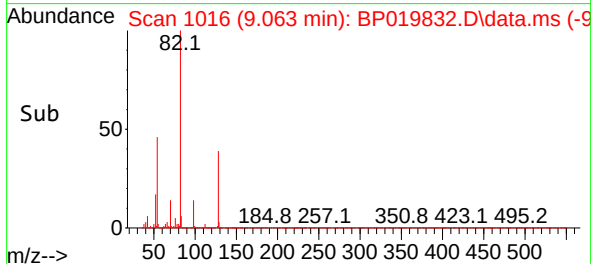
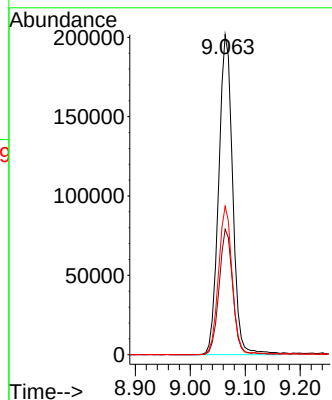
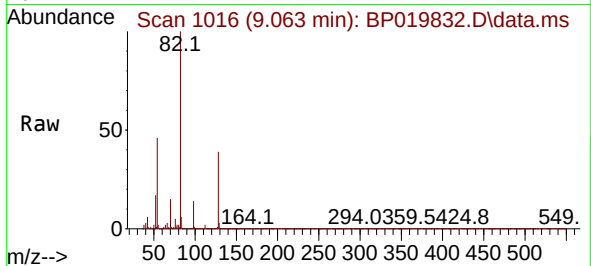




#23
Nitrobenzene-d5
Concen: 56.371 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019832.D
Acq: 22 Feb 2024 19:30

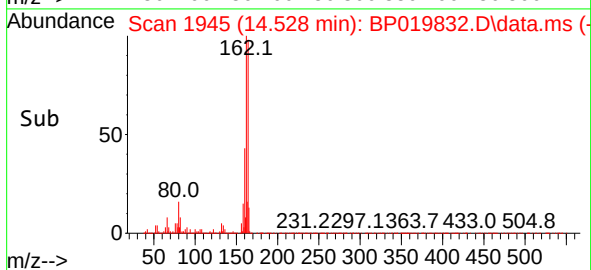
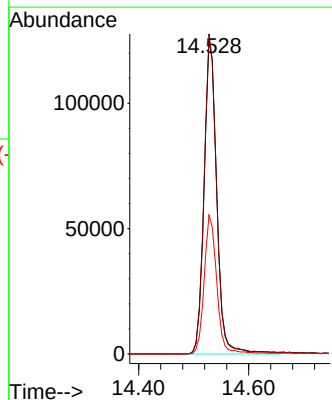
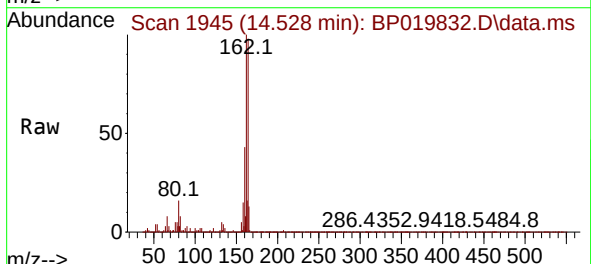
Instrument :
BNA_P
ClientSampleId :
CONCRETE-SLAB

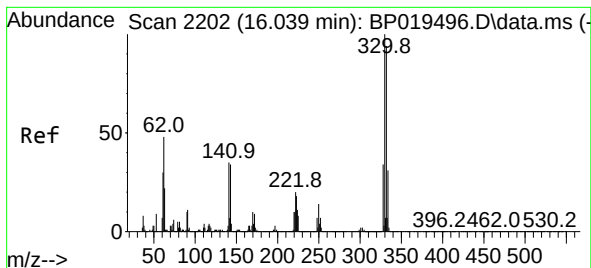
Tgt Ion: 82 Resp: 356130
Ion Ratio Lower Upper
82 100
128 39.2 29.7 44.5
54 46.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019832.D
Acq: 22 Feb 2024 19:30

Tgt Ion:164 Resp: 200519
Ion Ratio Lower Upper
164 100
162 102.1 81.2 121.8
160 44.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 80.949 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019832.D

Acq: 22 Feb 2024 19:30

Instrument :

BNA_P

ClientSampleId :

CONCRETE-SLAB

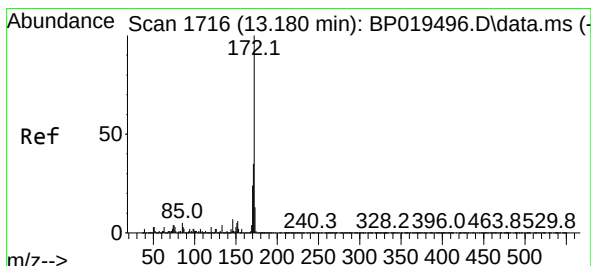
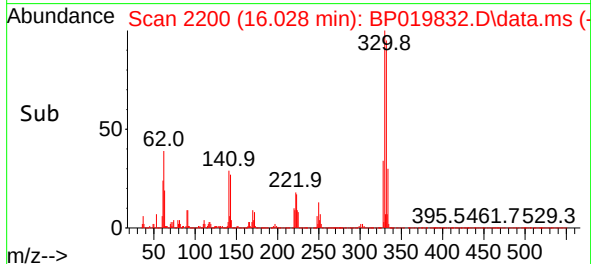
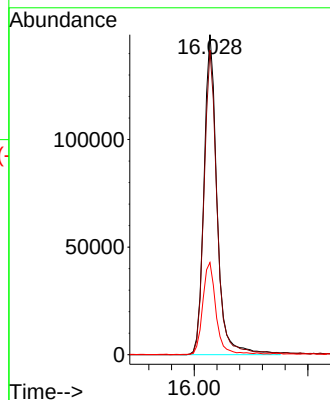
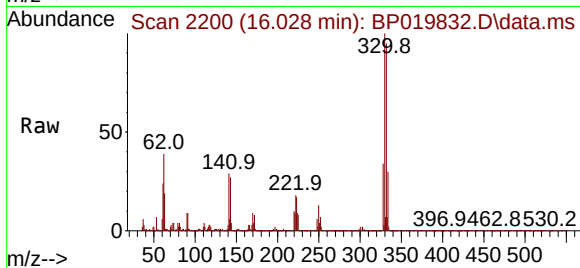
Tgt Ion:330 Resp: 236996

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

141 29.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 55.340 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019832.D

Acq: 22 Feb 2024 19:30

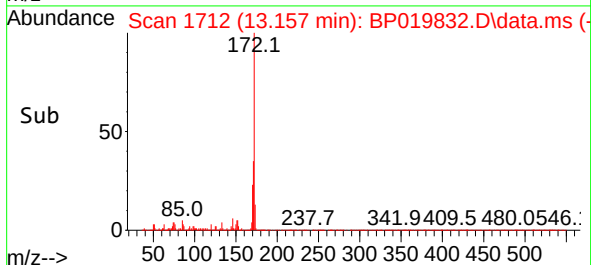
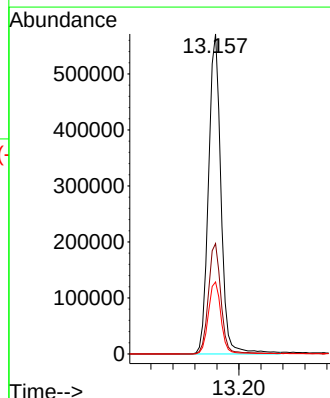
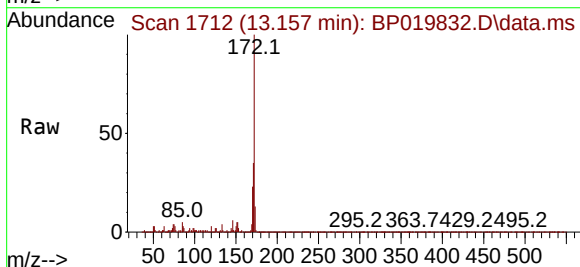
Tgt Ion:172 Resp: 897629

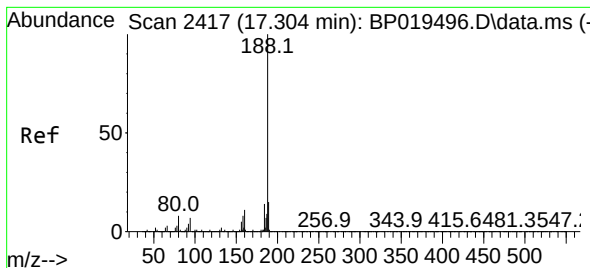
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 22.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.287 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP019832.D

Acq: 22 Feb 2024 19:30

Instrument :

BNA_P

ClientSampleId :

CONCRETE-SLAB

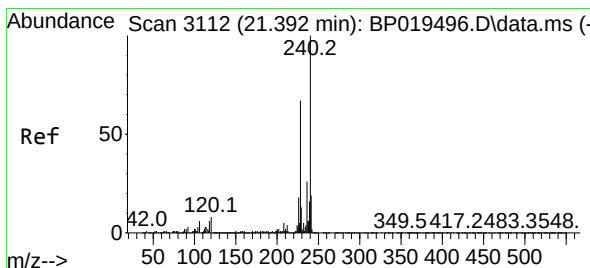
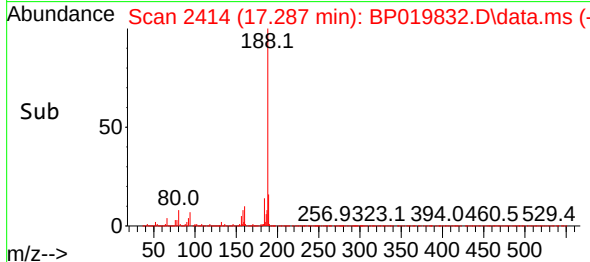
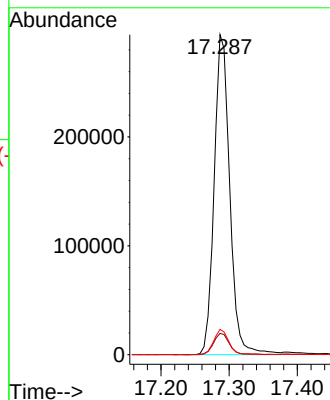
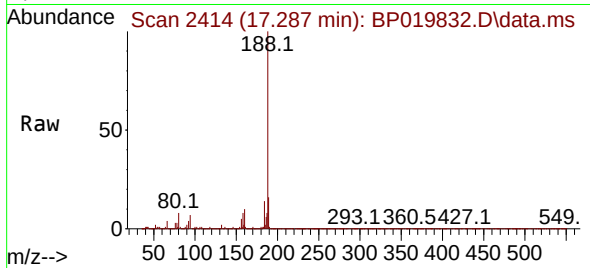
Tgt Ion:188 Resp: 468114

Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 7.9 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: BP019832.D

Acq: 22 Feb 2024 19:30

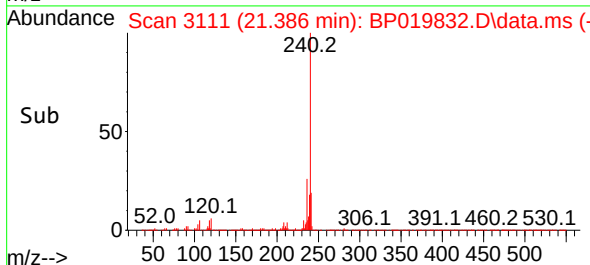
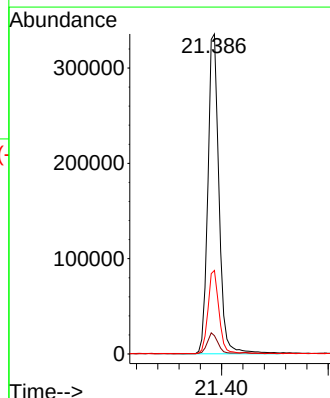
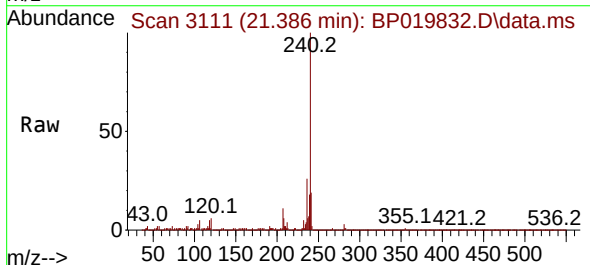
Tgt Ion:240 Resp: 484557

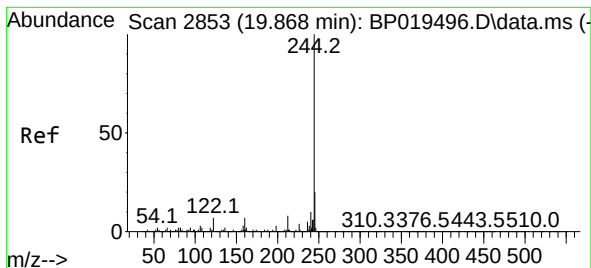
Ion Ratio Lower Upper

240 100

120 5.7 6.1 9.1#

236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 65.837 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019832.D

Acq: 22 Feb 2024 19:30

Instrument :

BNA_P

ClientSampleId :

CONCRETE-SLAB

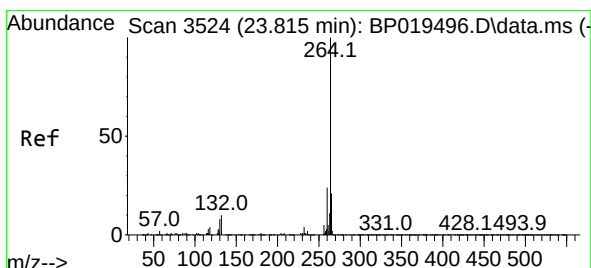
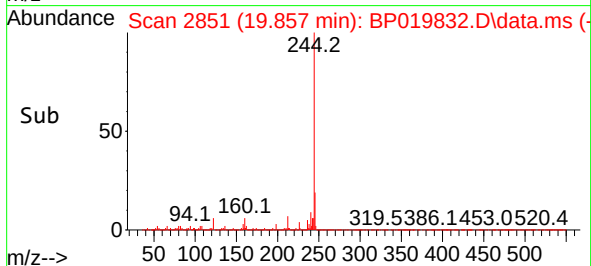
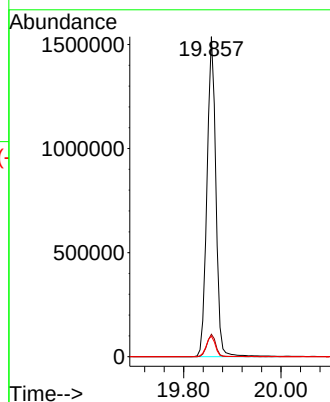
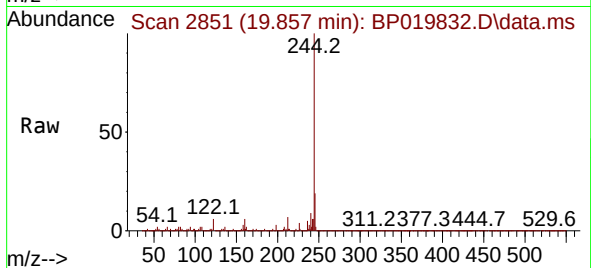
Tgt Ion:244 Resp: 1939867

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.4 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.006 min

Lab File: BP019832.D

Acq: 22 Feb 2024 19:30

Tgt Ion:264 Resp: 555417

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.0 17.0 25.4

