

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052024\
Data File : BP020425.D
Acq On : 20 May 2024 13:11
Operator : MA/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: May 21 00:41:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 21 00:36:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	91434	20.000	ng	0.00
21) Naphthalene-d8	10.357	136	363038	20.000	ng	0.00
39) Acenaphthene-d10	14.263	164	247068	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	507103	20.000	ng	0.00
76) Chrysene-d12	21.598	240	422567	20.000	ng	0.00
86) Perylene-d12	24.951	264	465177	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	

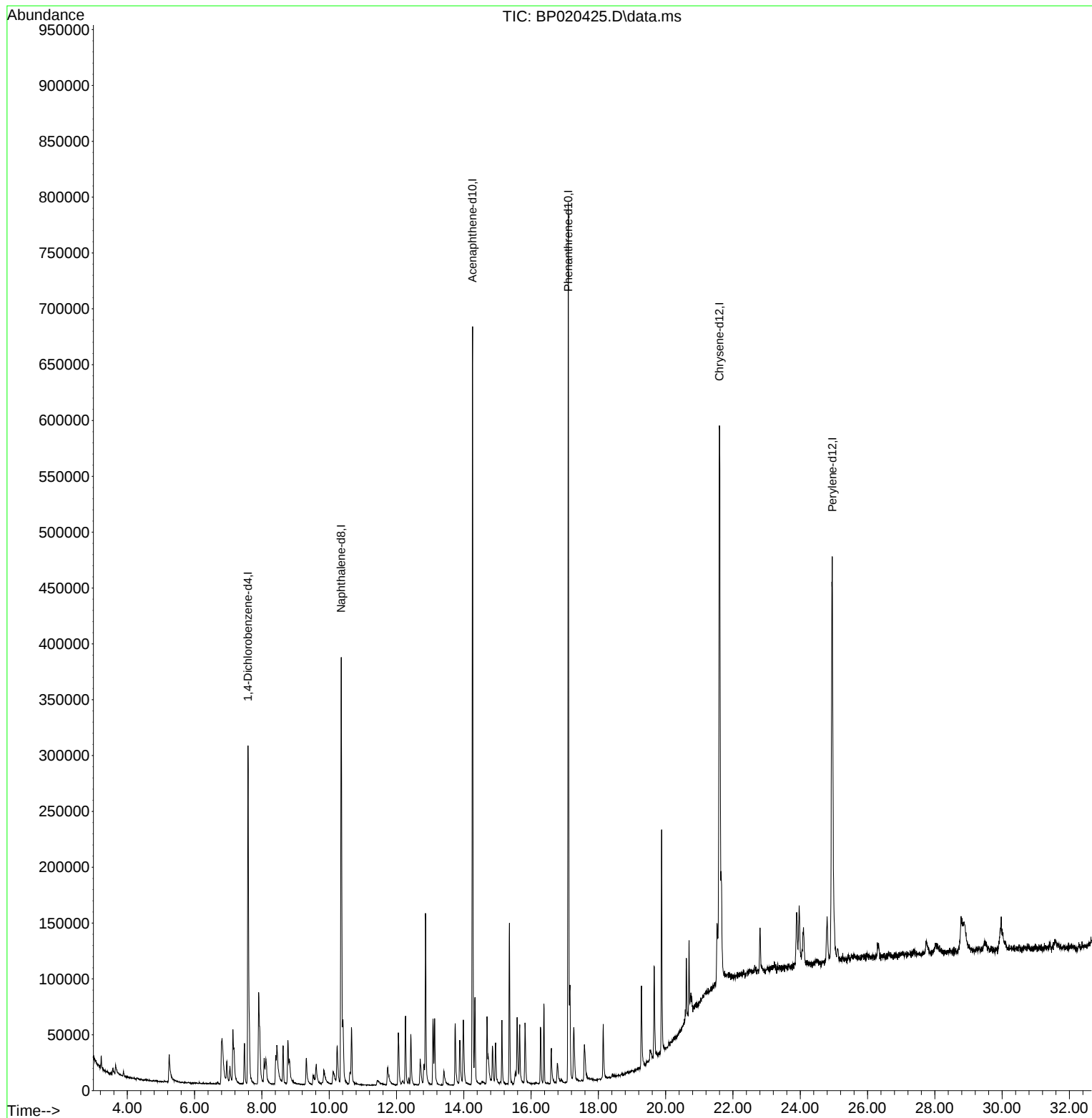
Target Compounds	Qvalue

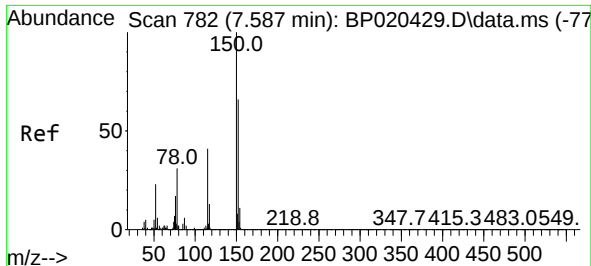
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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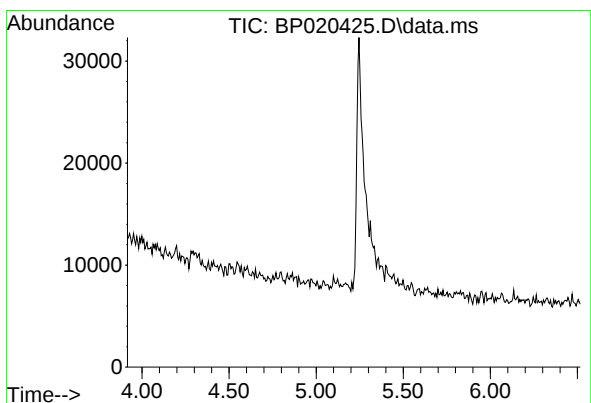
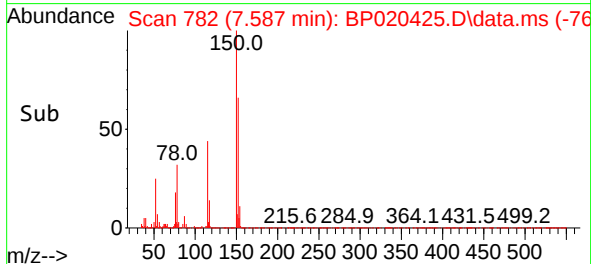
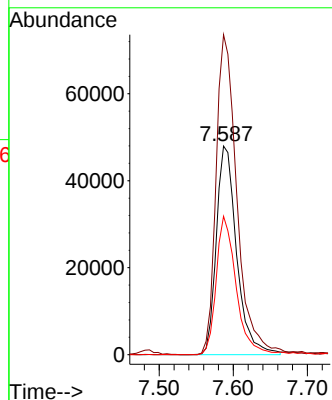
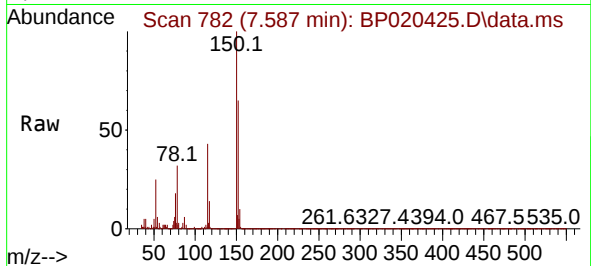




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.587 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP020425.D
Acq: 20 May 2024 13:11

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

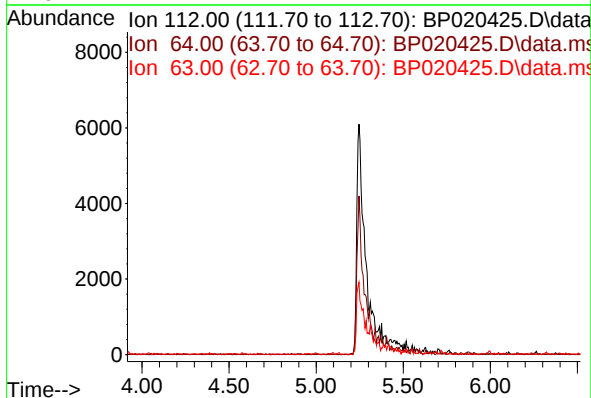
Tgt Ion:152 Resp: 91434
Ion Ratio Lower Upper
152 100
150 153.3 122.2 183.2
115 66.3 49.8 74.8

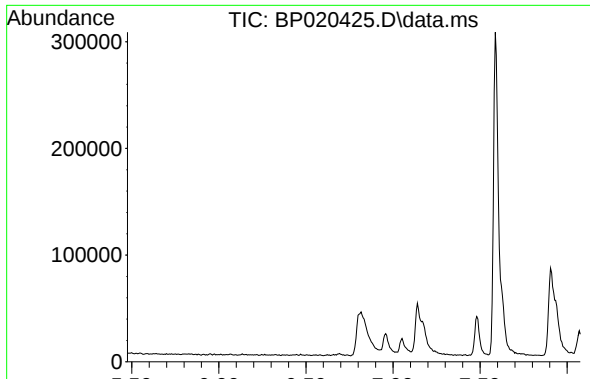


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.22 min

Lab File: BP020425.D
Acq: 20 May 2024 13:11

Tgt Ion: 112
Sig Exp Ratio
112 100
64 59.4
63 33.6



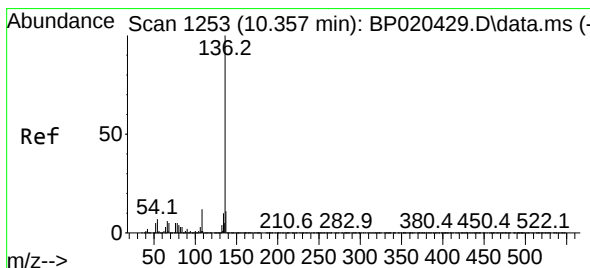
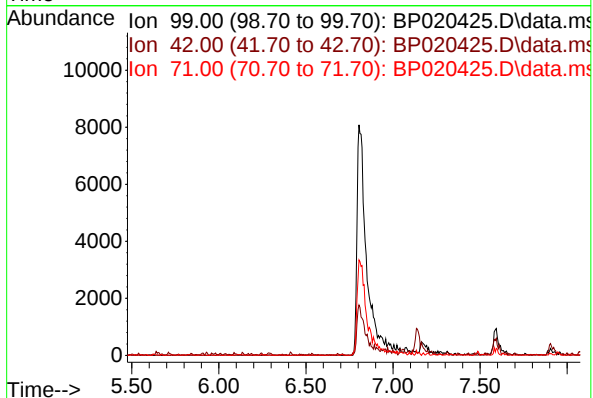


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.77 min
 Lab File: BP020425.D
 Acq: 20 May 2024 13:11

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

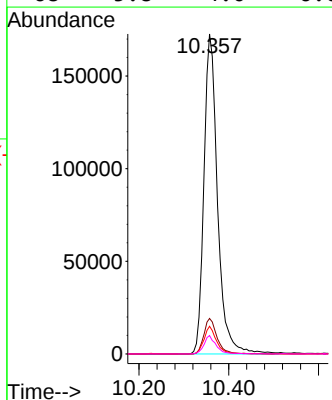
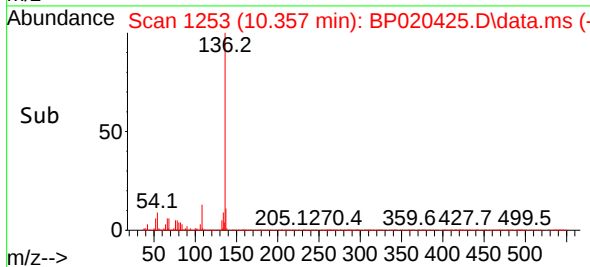
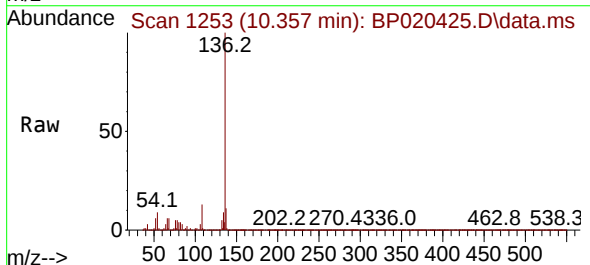
Sig	Exp Ratio
99	100
42	18.9
71	42.4

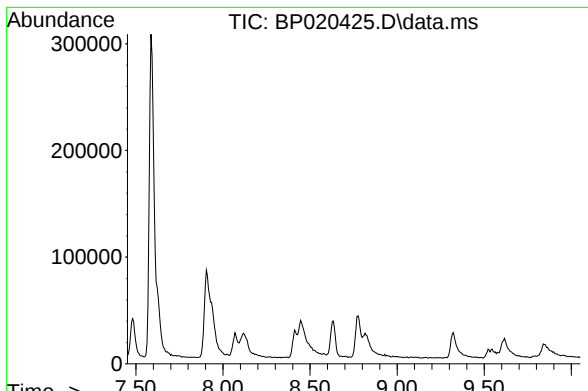


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.357 min Scan# 1253
 Delta R.T. 0.000 min
 Lab File: BP020425.D
 Acq: 20 May 2024 13:11

Tgt Ion: 136 Resp: 363038

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.7	6.0	9.0
68	5.8	4.0	6.0

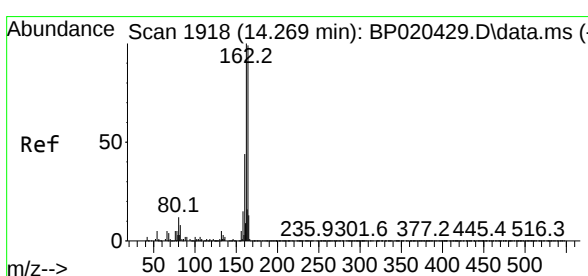
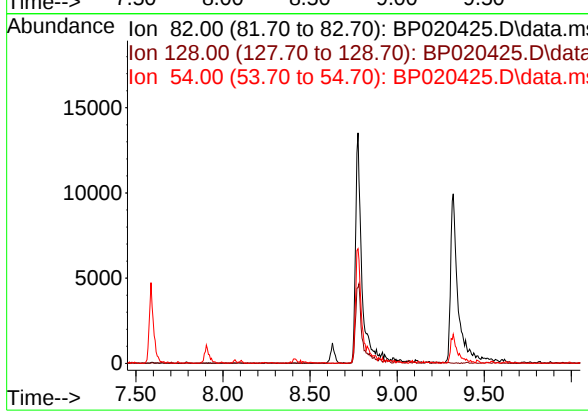




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 8.75 min
 Lab File: BP020425.D
 Acq: 20 May 2024 13:11

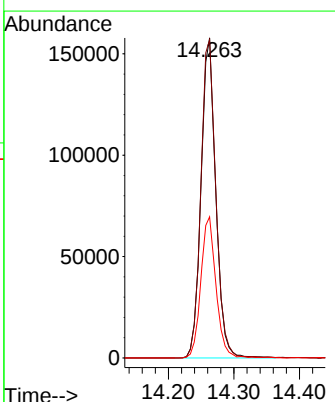
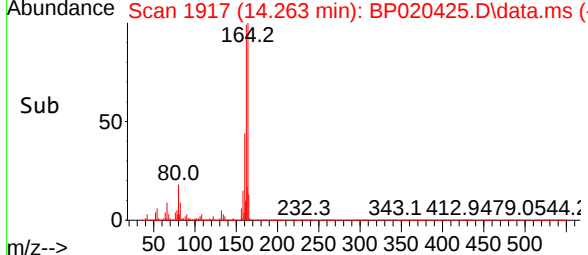
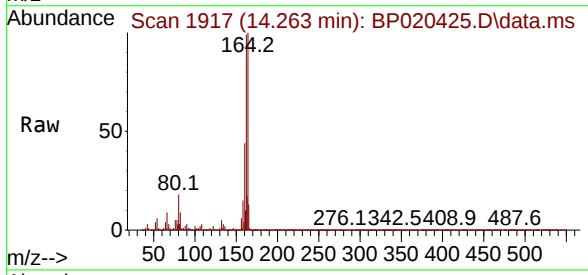
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

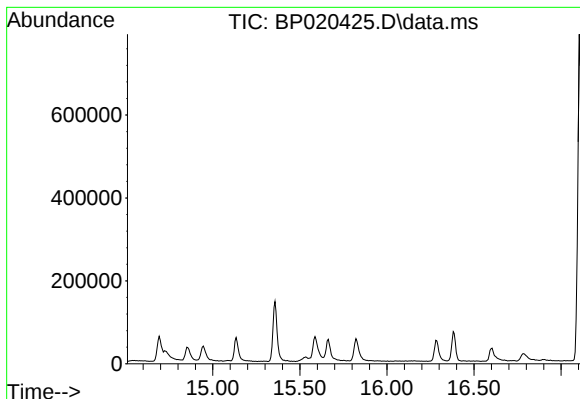
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 39.3
 54 48.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.263 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BP020425.D
 Acq: 20 May 2024 13:11

Tgt Ion: 164 Resp: 247068
 Ion Ratio Lower Upper
 164 100
 162 99.5 81.2 121.8
 160 44.1 35.5 53.3

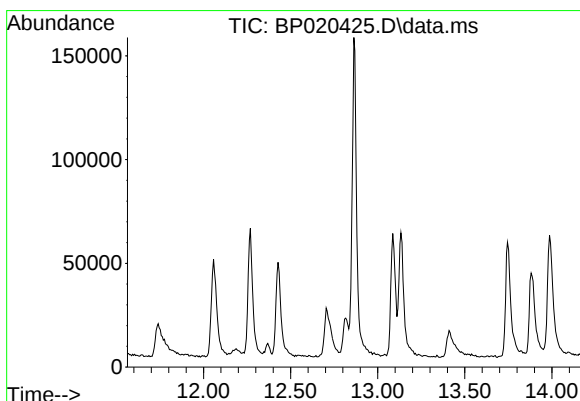
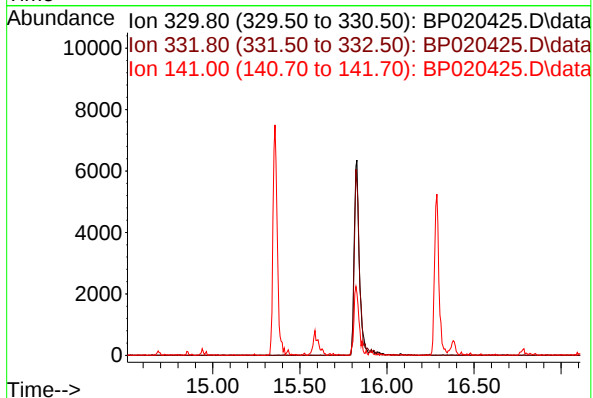




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.81 min
 Lab File: BP020425.D
 Acq: 20 May 2024 13:11

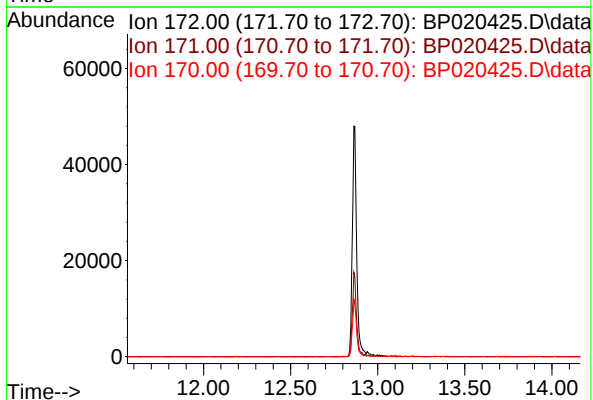
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

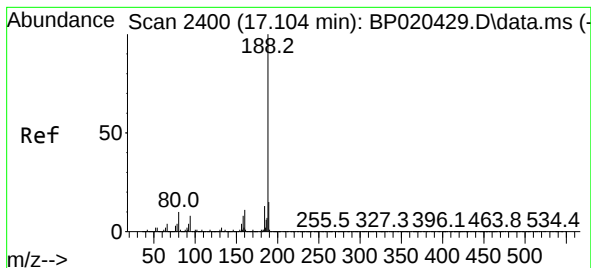
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 97.5
 141 33.5



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 12.86 min
 Lab File: BP020425.D
 Acq: 20 May 2024 13:11

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.5
 170 23.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.104 min Scan# 2400

Delta R.T. 0.000 min

Lab File: BP020425.D

Acq: 20 May 2024 13:11

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

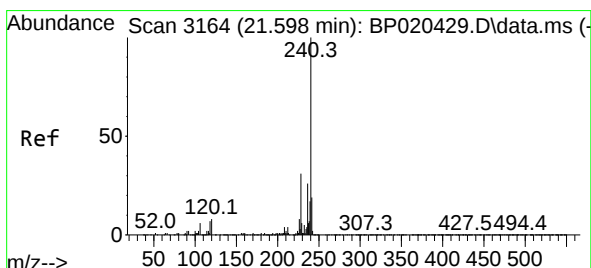
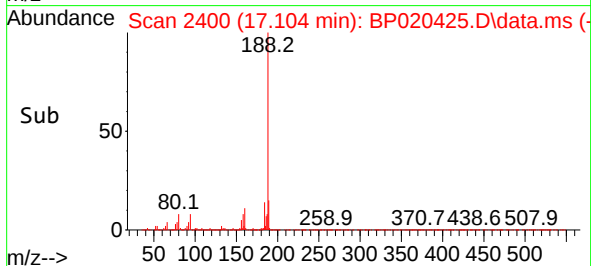
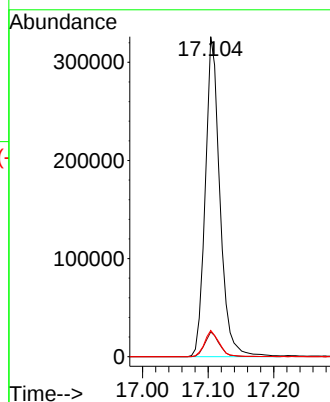
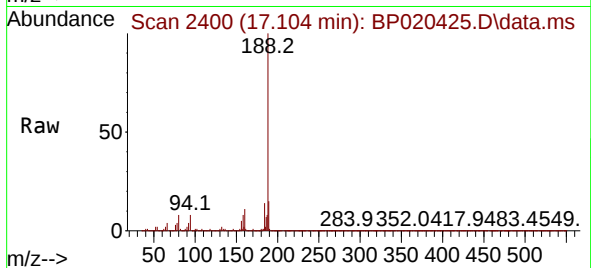
Tgt Ion:188 Resp: 507103

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.4

80 8.2 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.598 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BP020425.D

Acq: 20 May 2024 13:11

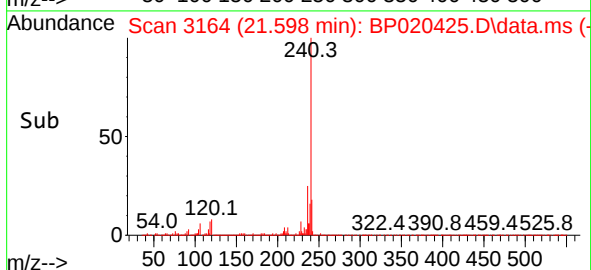
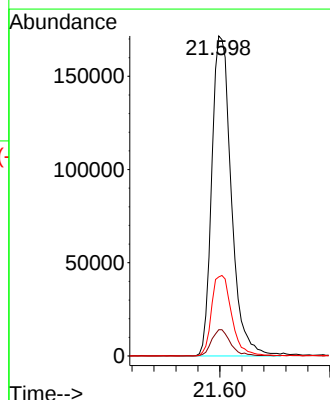
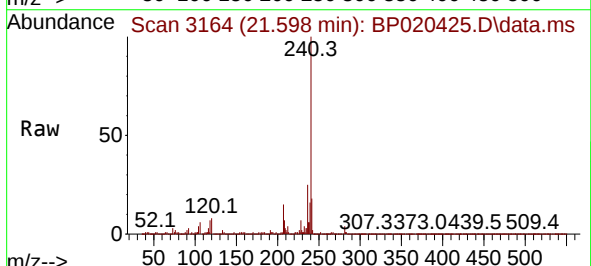
Tgt Ion:240 Resp: 422567

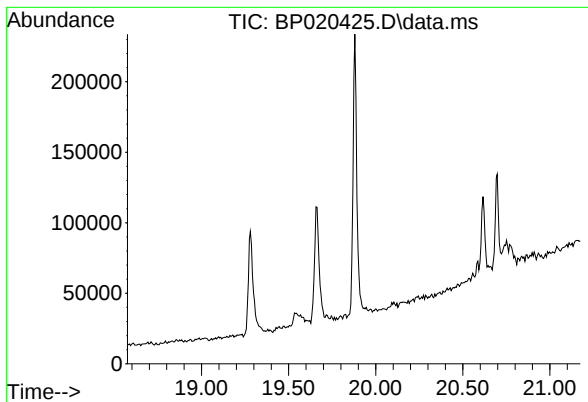
Ion Ratio Lower Upper

240 100

120 8.2 6.2 9.2

236 24.7 20.6 30.8



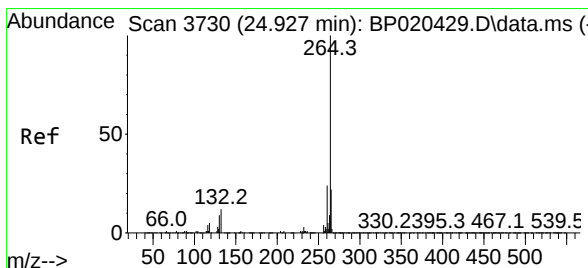
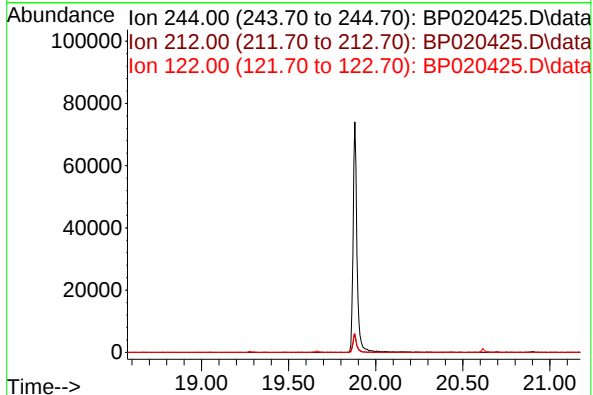


#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 19.87 min
 Lab File: BP020425.D
 Acq: 20 May 2024 13:11

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.2
122	8.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.951 min Scan# 3734
 Delta R.T. 0.024 min
 Lab File: BP020425.D
 Acq: 20 May 2024 13:11

Tgt Ion: 264 Resp: 465177

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.8	17.7	26.5

