

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021536.D
 Acq On : 16 Aug 2024 12:24
 Operator : RC/JU
 Sample : P3519-19RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-CF-02-080624RE

Quant Time: Aug 16 13:24:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	459114	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1802891	20.000	ng	0.01
39) Acenaphthene-d10	14.469	164	991466	20.000	ng	0.01
64) Phenanthrene-d10	17.257	188	1799728	20.000	ng	0.00
76) Chrysene-d12	21.716	240	1804989	20.000	ng	0.02
86) Perylene-d12	25.133	264	2158279	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	1592373	51.500	ng	0.02
7) Phenol-d6	6.975	99	2256709	50.033	ng	0.01
23) Nitrobenzene-d5	8.963	82	1350211	38.655	ng	0.01
42) 2,4,6-Tribromophenol	15.975	330	569255	51.588	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2428667	37.384	ng	0.01
79) Terphenyl-d14	19.986	244	3307909	35.603	ng	0.01

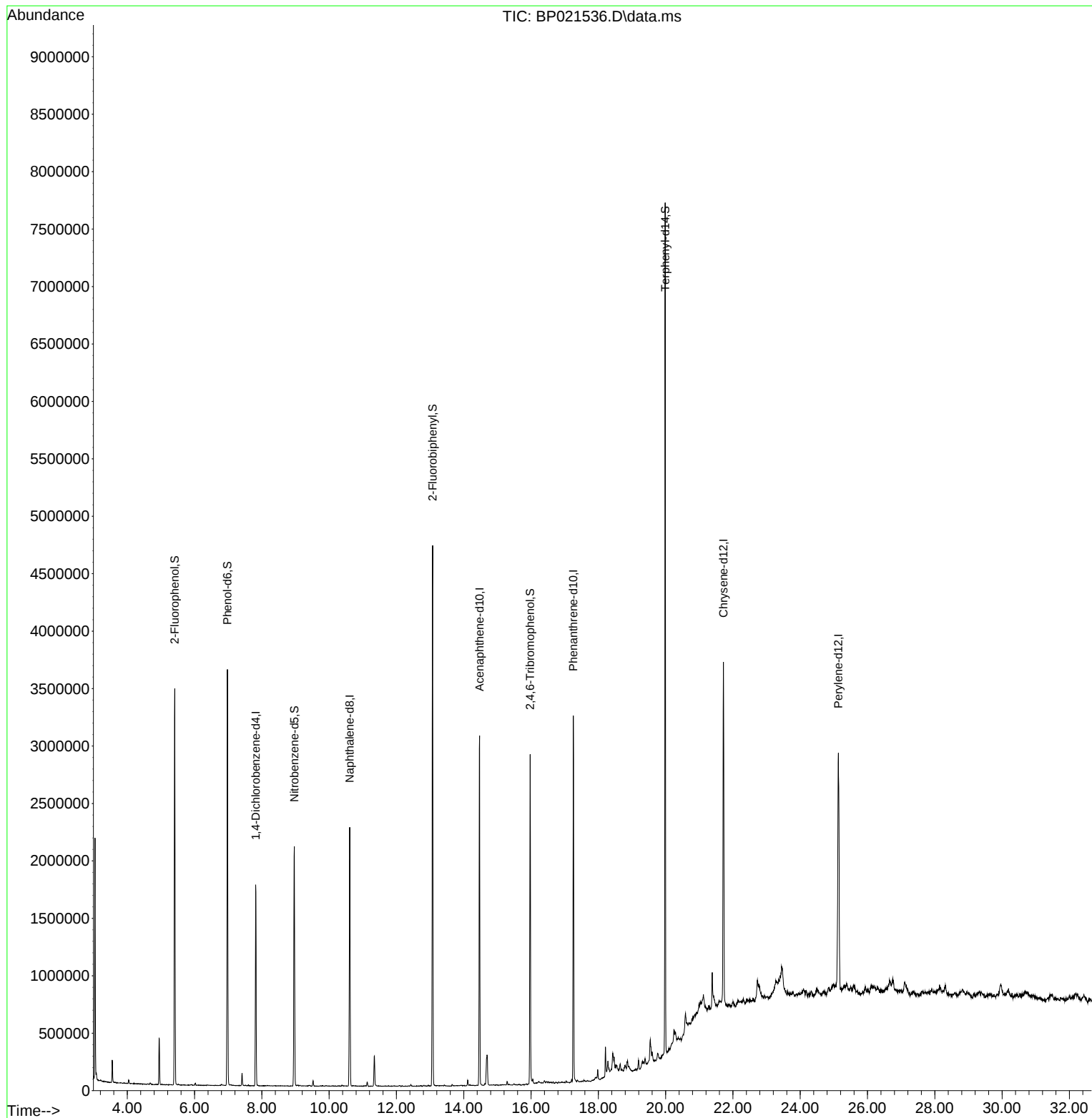
Target Compounds	Qvalue

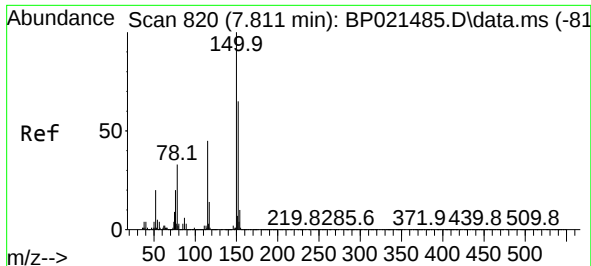
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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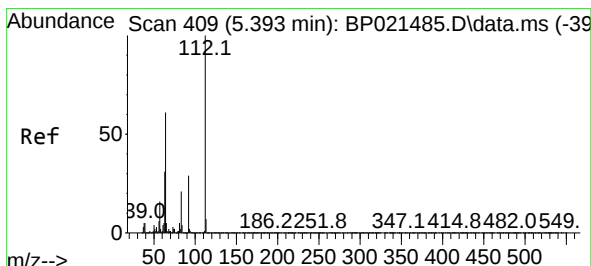
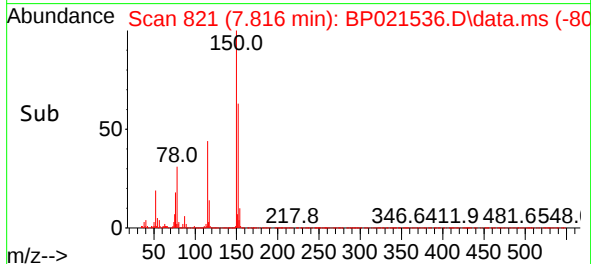
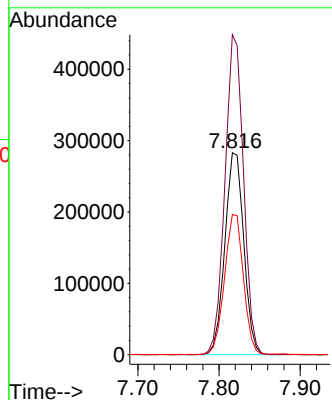
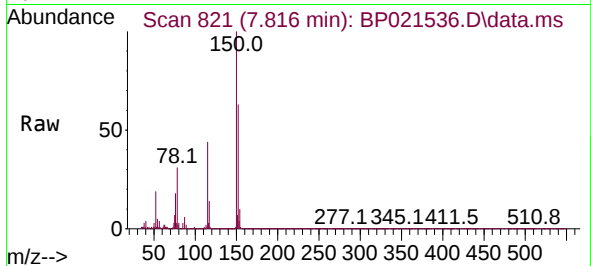




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

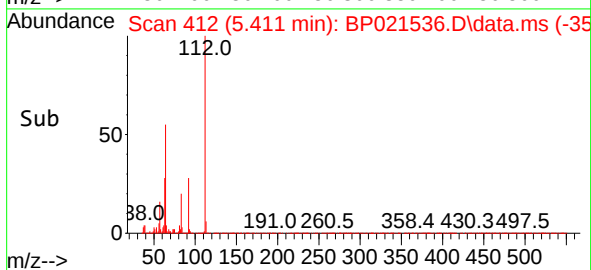
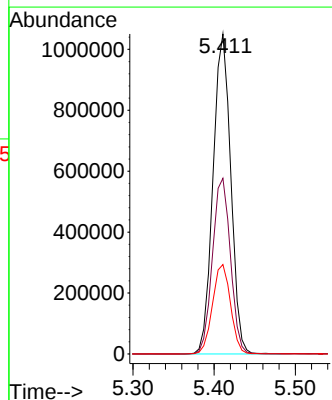
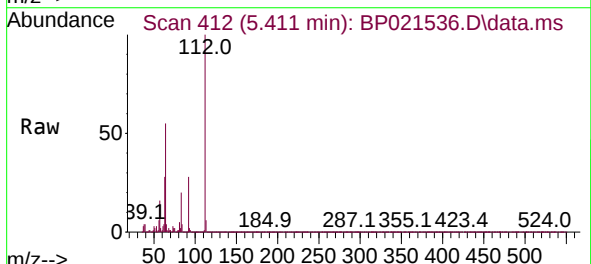
Instrument :
BNA_P
ClientSampleId :
OU4-CF-02-080624RE

Tgt Ion:152 Resp: 459114
Ion Ratio Lower Upper
152 100
150 158.5 122.4 183.6
115 69.4 54.7 82.1



#5
2-Fluorophenol
Concen: 51.500 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.018 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

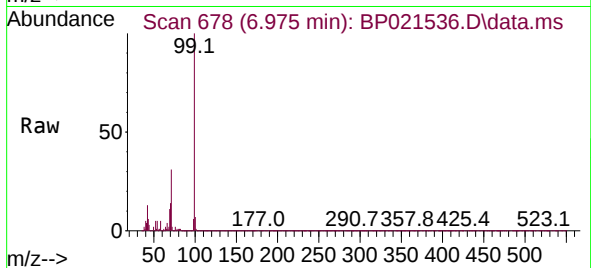
Tgt Ion:112 Resp: 1592373
Ion Ratio Lower Upper
112 100
64 54.9 49.0 73.6
63 27.9 24.6 36.8



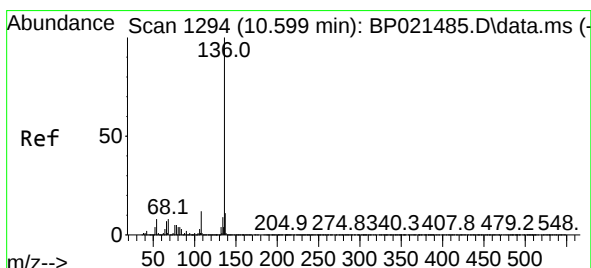
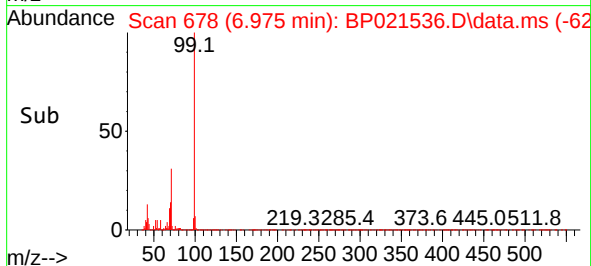
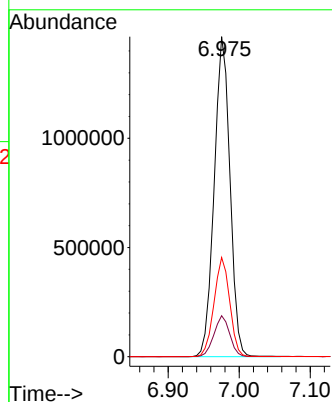


#7
Phenol-d6
Concen: 50.033 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

Instrument :
BNA_P
ClientSampleId :
OU4-CF-02-080624RE

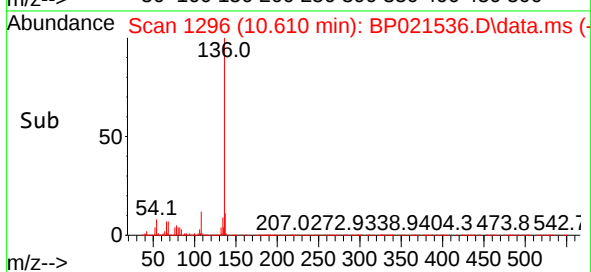
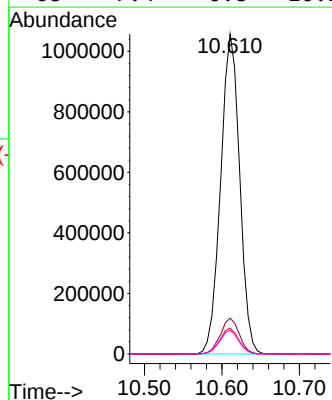
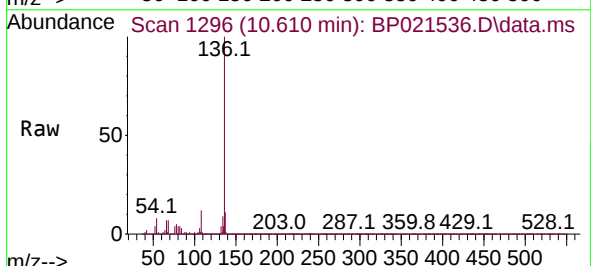


Tgt Ion: 99 Resp: 2256709
Ion Ratio Lower Upper
99 100
42 12.8 10.2 15.4
71 31.0 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.011 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

Tgt Ion:136 Resp: 1802891
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 6.3 9.5
68 7.4 6.8 10.2





#23

Nitrobenzene-d5

Concen: 38.655 ng

RT: 8.963 min Scan# 1016

Delta R.T. 0.012 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

Instrument :

BNA_P

ClientSampleId :

OU4-CF-02-080624RE

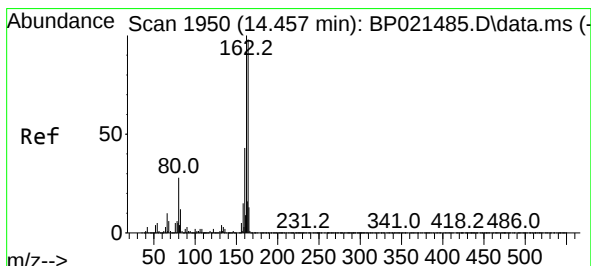
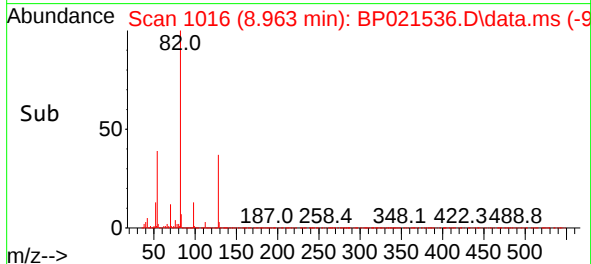
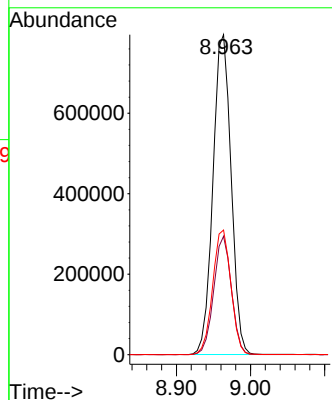
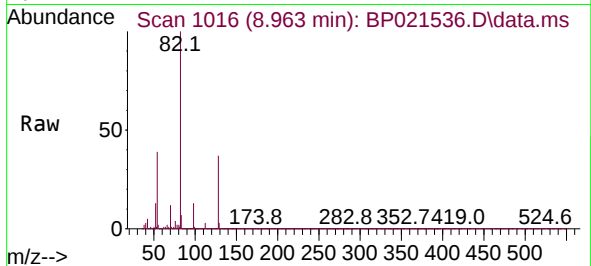
Tgt Ion: 82 Resp: 1350211

Ion Ratio Lower Upper

82 100

128 37.0 26.5 39.7

54 39.0 30.3 45.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.469 min Scan# 1952

Delta R.T. 0.012 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

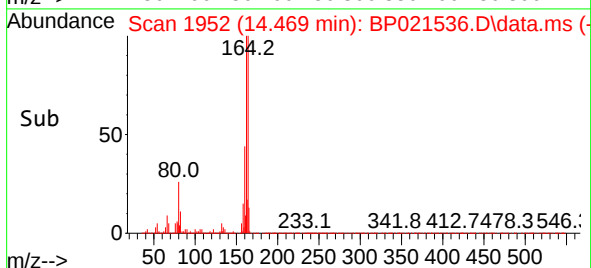
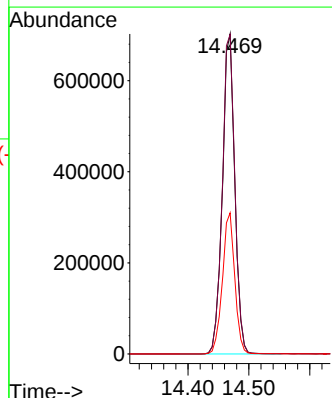
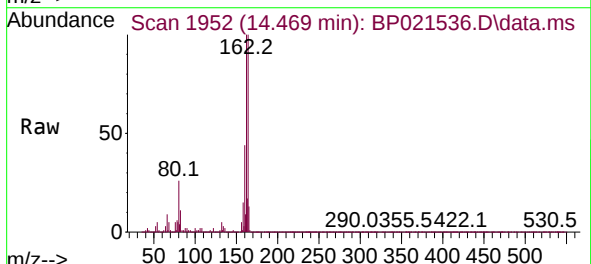
Tgt Ion:164 Resp: 991466

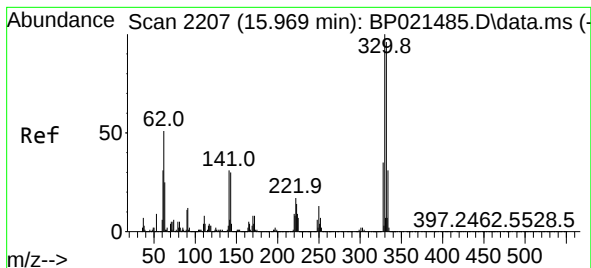
Ion Ratio Lower Upper

164 100

162 99.9 81.5 122.3

160 44.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 51.588 ng

RT: 15.975 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

Instrument :

BNA_P

ClientSampleId :

OU4-CF-02-080624RE

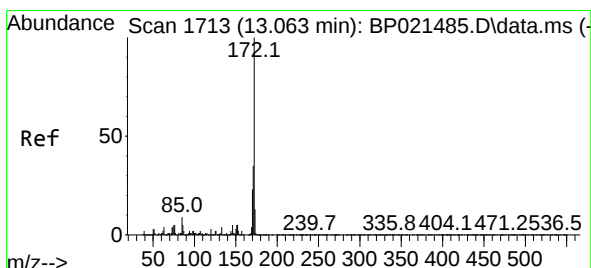
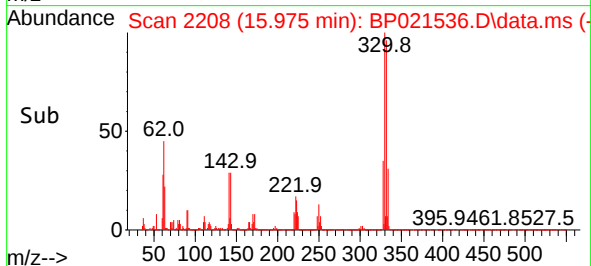
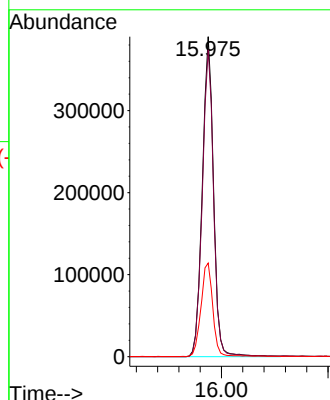
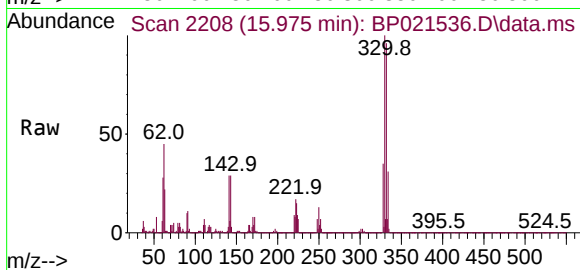
Tgt Ion:330 Resp: 569255

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

141 30.7 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 37.384 ng

RT: 13.075 min Scan# 1715

Delta R.T. 0.012 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

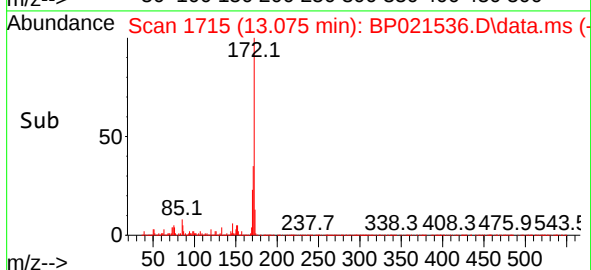
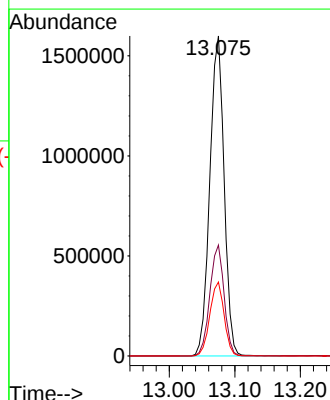
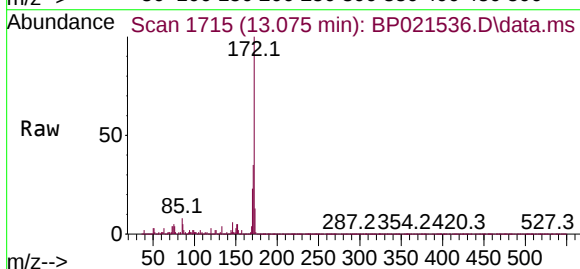
Tgt Ion:172 Resp: 2428667

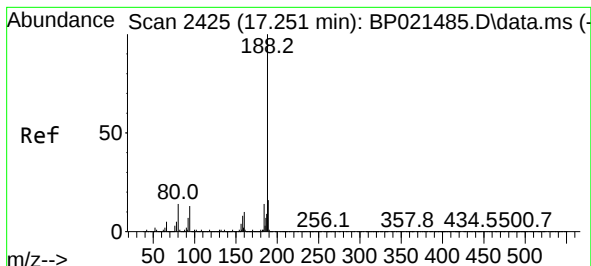
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.1 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

Instrument :

BNA_P

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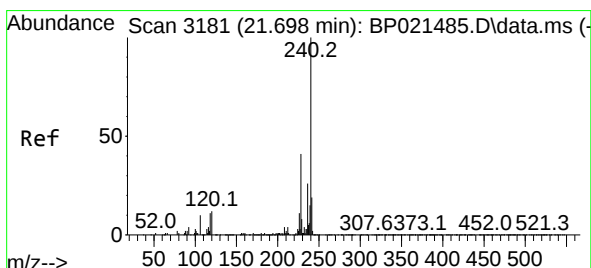
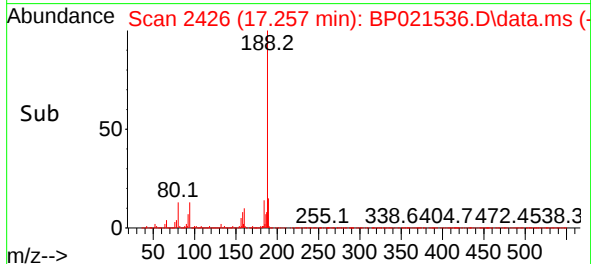
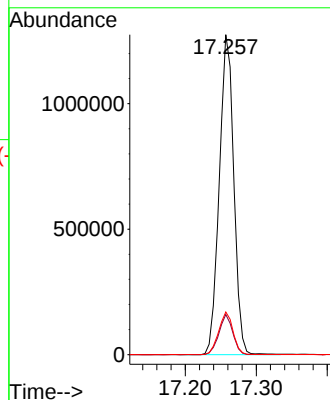
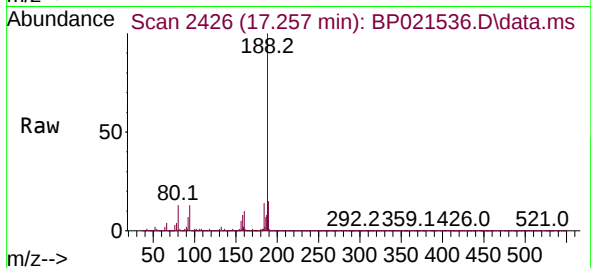
Tgt Ion:188 Resp: 1799728

Ion Ratio Lower Upper

188 100

94 12.6 10.2 15.4

80 13.3 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.716 min Scan# 3184

Delta R.T. 0.018 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

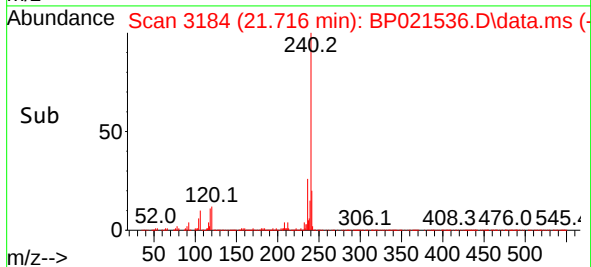
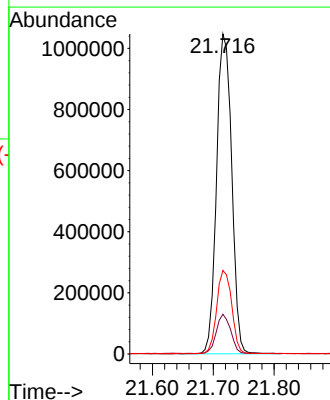
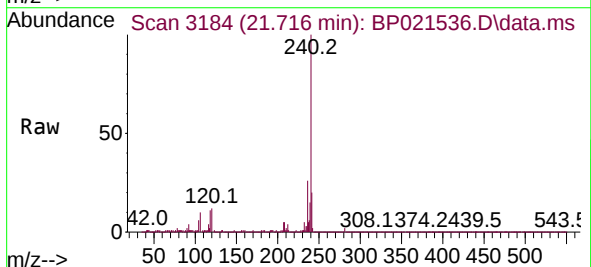
Tgt Ion:240 Resp: 1804989

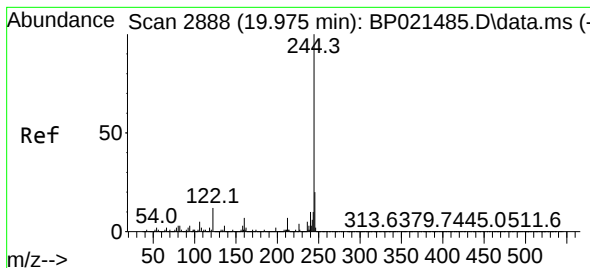
Ion Ratio Lower Upper

240 100

120 12.4 9.9 14.9

236 26.1 20.6 30.8





#79

Terphenyl-d14

Concen: 35.603 ng

RT: 19.986 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

Instrument :

BNA_P

ClientSampleId :

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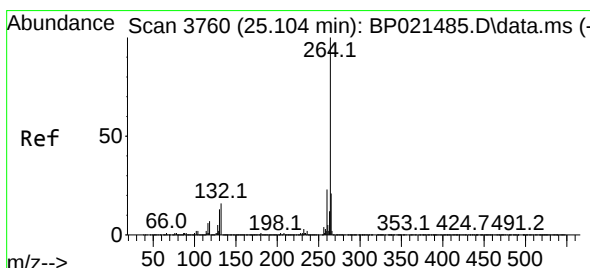
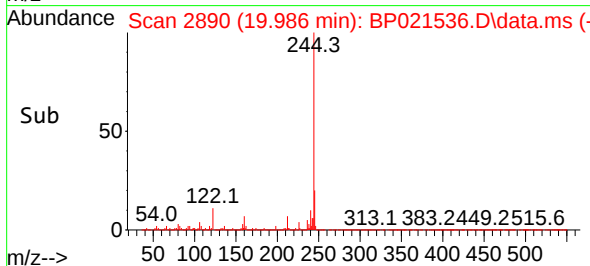
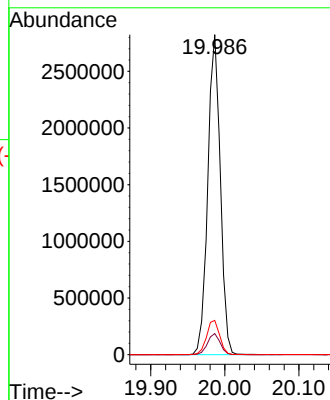
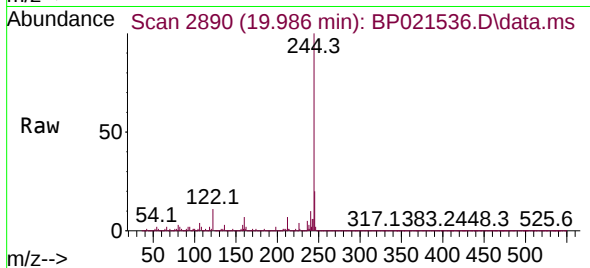
Tgt Ion:244 Resp: 3307909

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.7 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.133 min Scan# 3765

Delta R.T. 0.029 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

Tgt Ion:264 Resp: 2158279

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.3 17.1 25.7

