

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
Data File : BP021539.D
Acq On : 16 Aug 2024 14:30
Operator : RC/JU
Sample : P3519-29RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-CF-07-080624RE

Quant Time: Aug 16 15:01:15 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	7.822	152	454428	20.000	ng	0.01
21) Naphthalene-d8	10.605	136	1797076	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	1035485	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2078183	20.000	ng	0.01
76) Chrysene-d12	21.722	240	1931232	20.000	ng	0.02
86) Perylene-d12	25.151	264	2266318	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	1975334	64.545	ng	0.02
7) Phenol-d6	6.981	99	2729569	61.140	ng	0.02
23) Nitrobenzene-d5	8.963	82	1594153	45.787	ng	0.01
42) 2,4,6-Tribromophenol	15.975	330	785941	68.197	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2596986	38.276	ng	0.00
79) Terphenyl-d14	19.981	244	3931800	39.552	ng	0.00

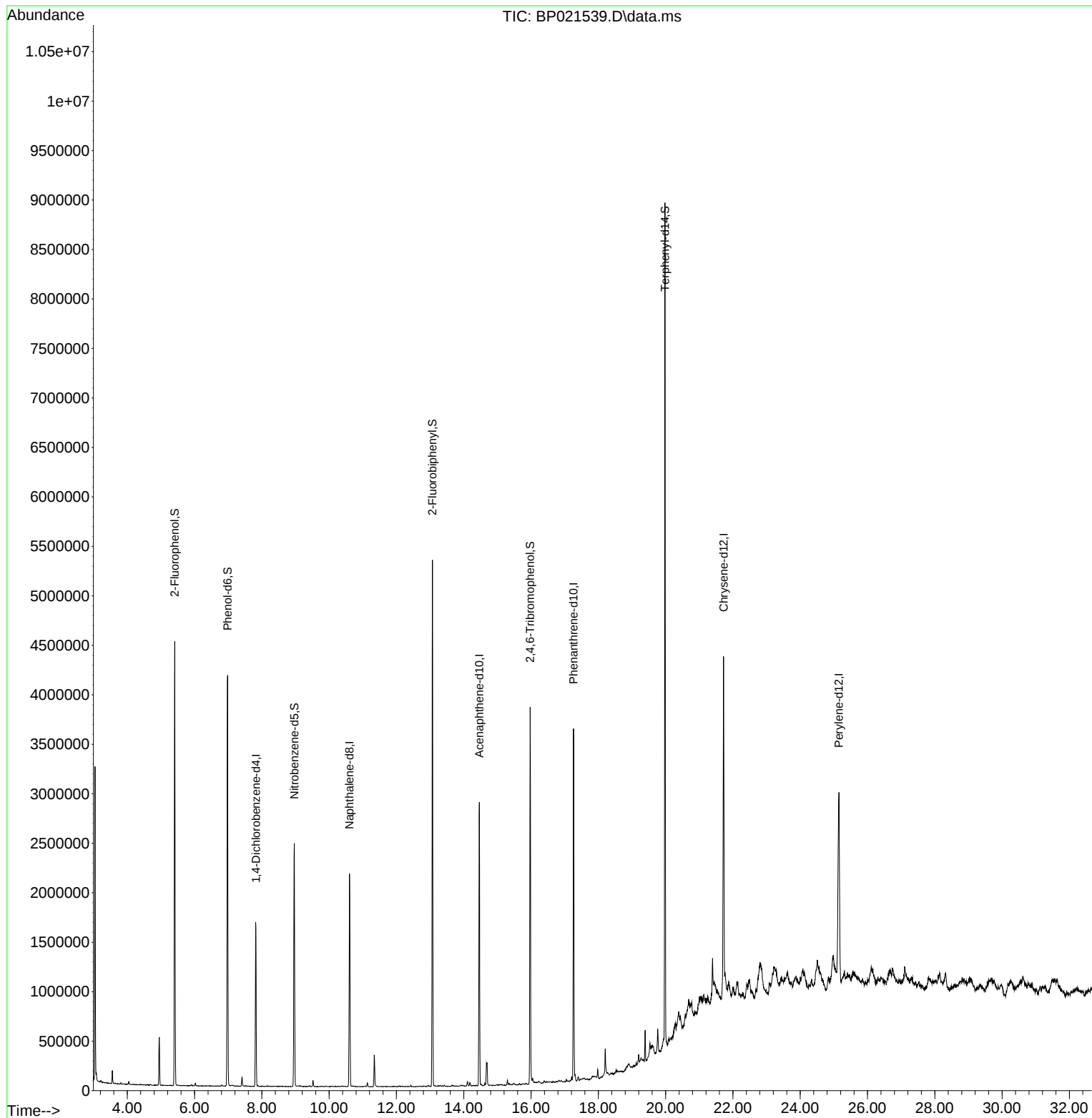
Target Compounds	Qvalue

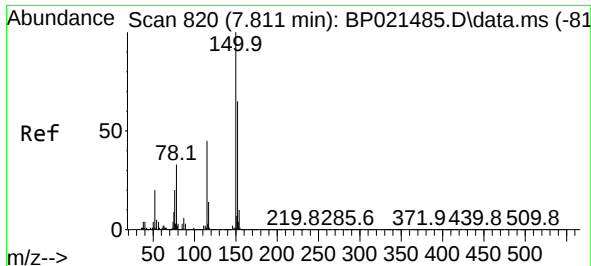
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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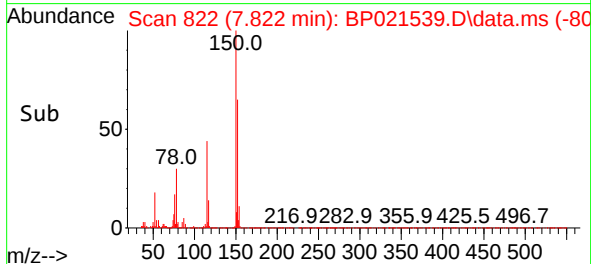
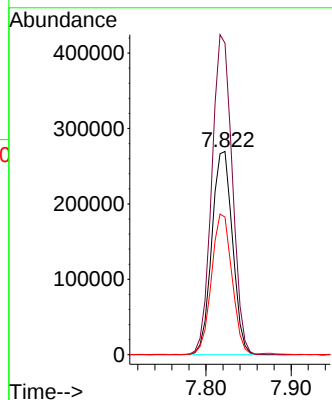
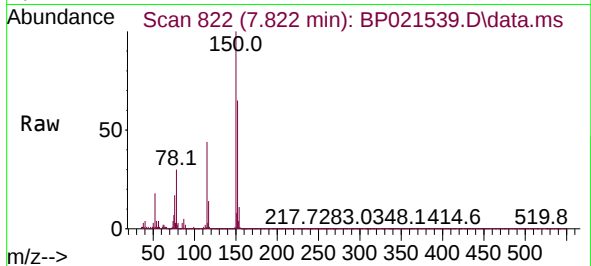




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.011 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

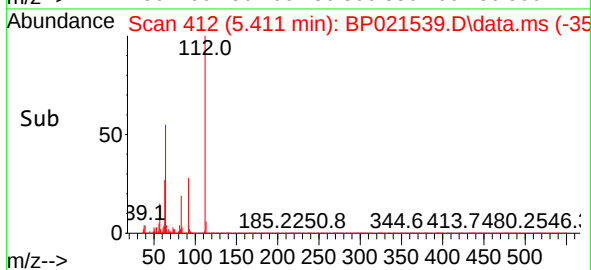
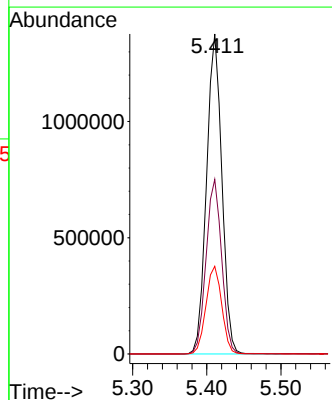
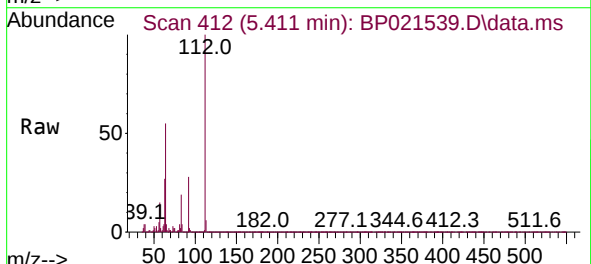
Instrument :
BNA_P
ClientSampleId :
OU4-CF-07-080624RE

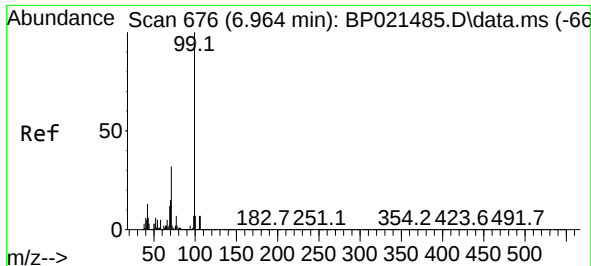
Tgt Ion:152 Resp: 454428
Ion Ratio Lower Upper
152 100
150 153.4 122.4 183.6
115 67.7 54.7 82.1



#5
2-Fluorophenol
Concen: 64.545 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.018 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

Tgt Ion:112 Resp: 1975334
Ion Ratio Lower Upper
112 100
64 54.5 49.0 73.6
63 27.4 24.6 36.8





#7

Phenol-d6

Concen: 61.140 ng

RT: 6.981 min Scan# 61

Delta R.T. 0.018 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

Instrument :

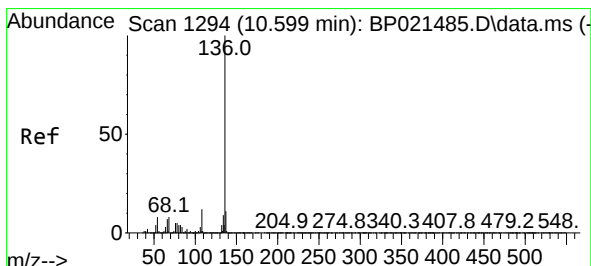
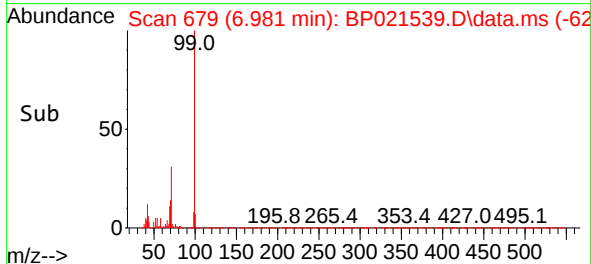
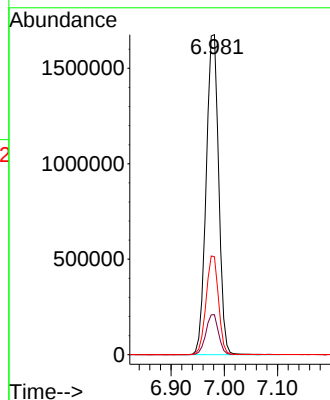
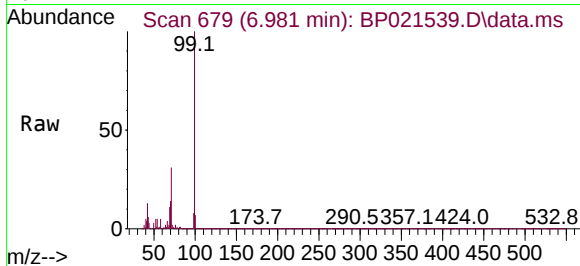
BNA_P

ClientSampleId :

OU4-CF-07-080624RE

Tgt Ion: 99 Resp: 2729569

Ion	Ratio	Lower	Upper
99	100		
42	12.5	10.2	15.4
71	30.6	25.8	38.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.605 min Scan# 1295

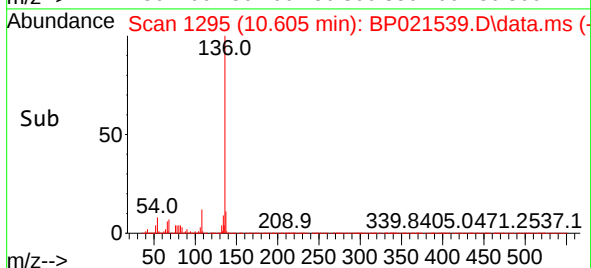
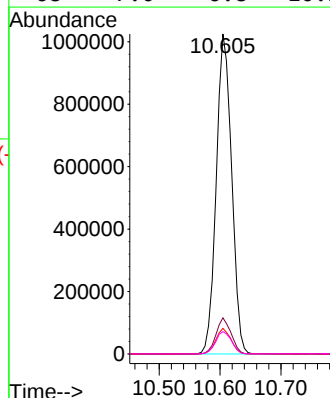
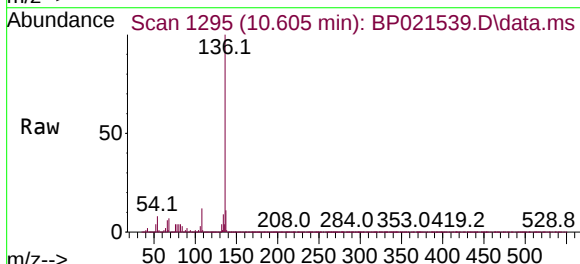
Delta R.T. 0.006 min

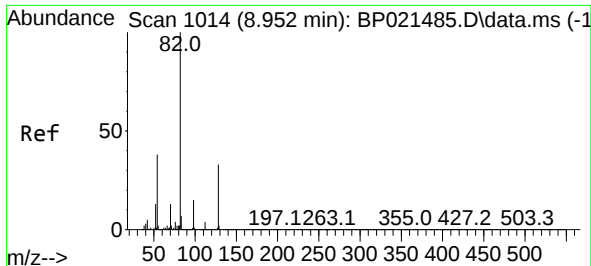
Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

Tgt Ion:136 Resp: 1797076

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.0	6.3	9.5
68	7.0	6.8	10.2

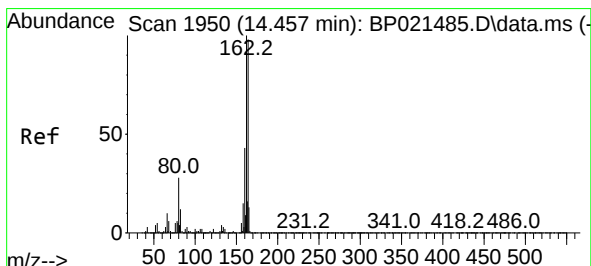
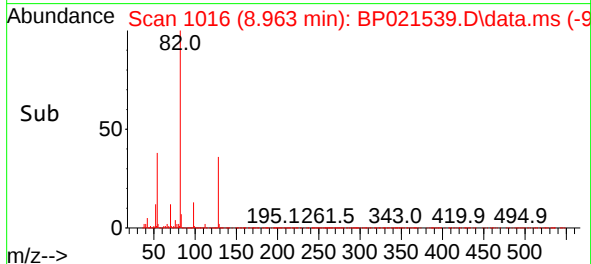
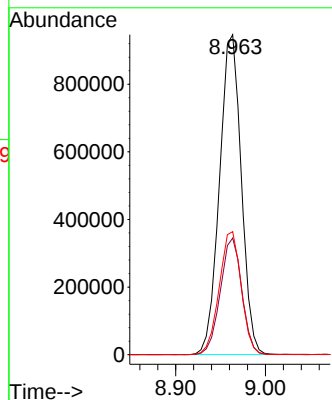
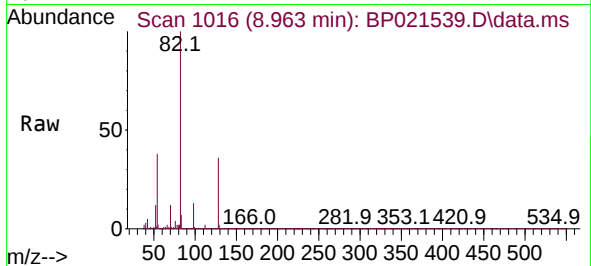




#23
Nitrobenzene-d5
Concen: 45.787 ng
RT: 8.963 min Scan# 1016
Delta R.T. 0.012 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

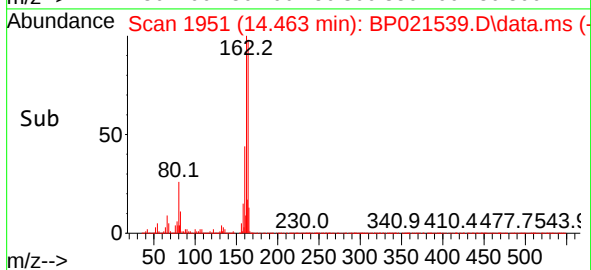
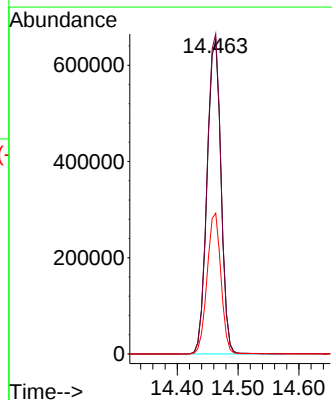
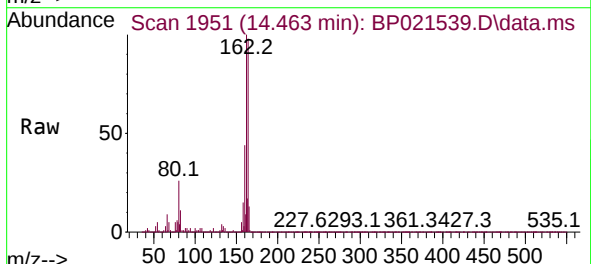
Instrument :
BNA_P
ClientSampleId :
OU4-CF-07-080624RE

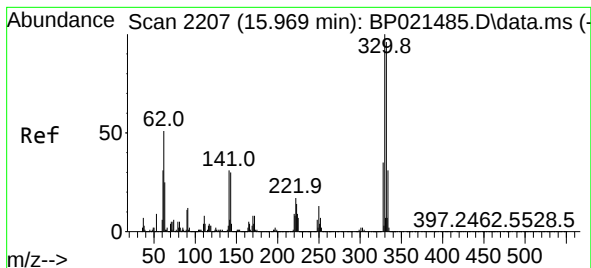
Tgt Ion: 82 Resp: 1594153
Ion Ratio Lower Upper
82 100
128 36.5 26.5 39.7
54 38.5 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP021539.D
Acq: 16 Aug 2024 14:30

Tgt Ion:164 Resp: 1035485
Ion Ratio Lower Upper
164 100
162 101.9 81.5 122.3
160 44.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 68.197 ng

RT: 15.975 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

Instrument :

BNA_P

ClientSampleId :

OU4-CF-07-080624RE

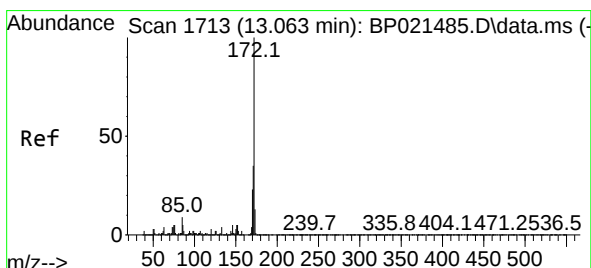
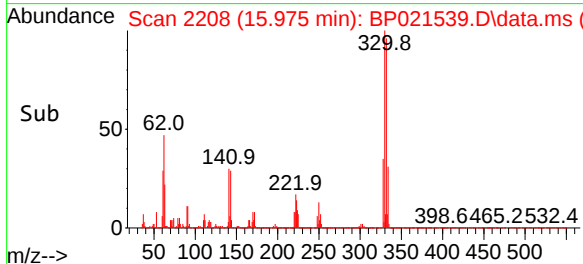
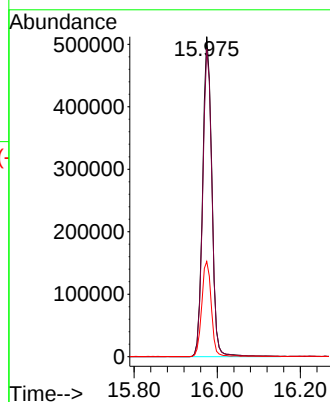
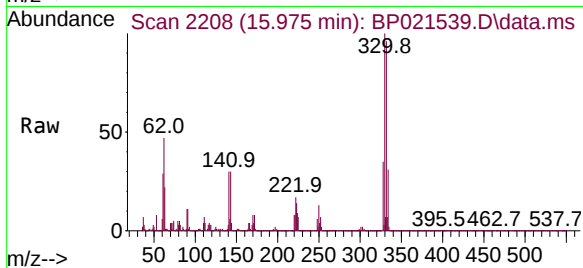
Tgt Ion:330 Resp: 785941

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 30.7 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 38.276 ng

RT: 13.069 min Scan# 1714

Delta R.T. 0.006 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

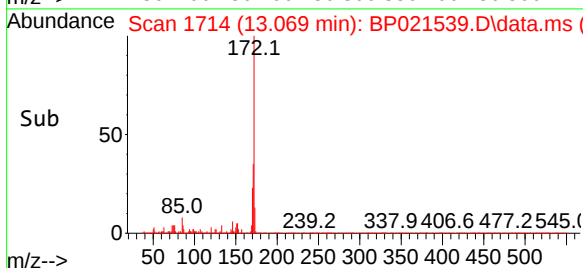
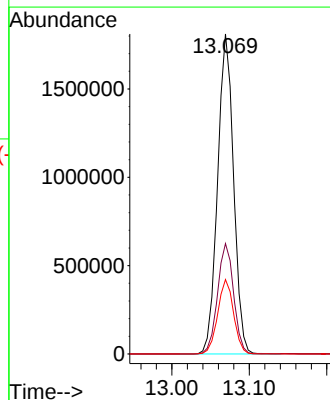
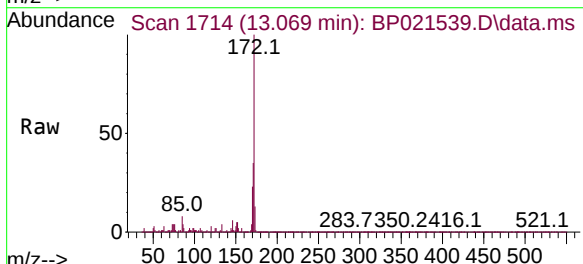
Tgt Ion:172 Resp: 2596986

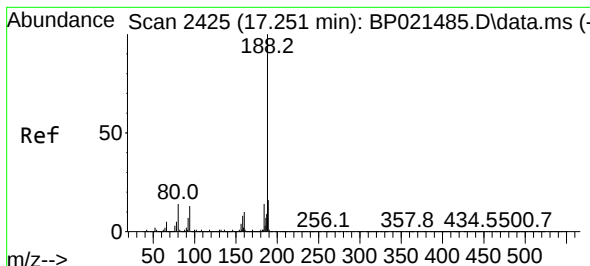
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 23.3 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 2425

Delta R.T. 0.012 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

Instrument :

BNA_P

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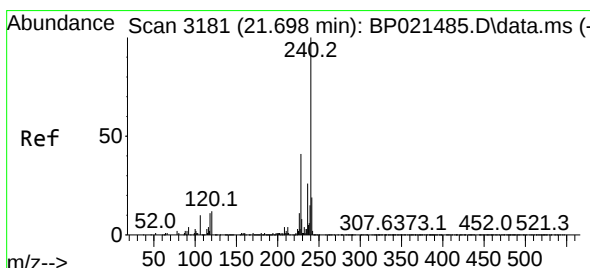
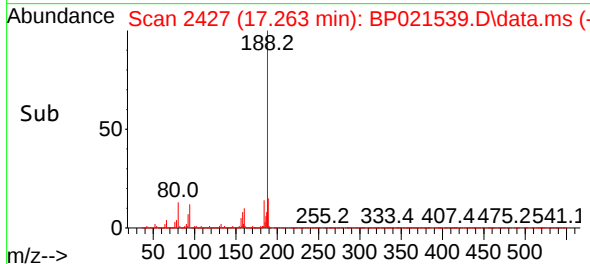
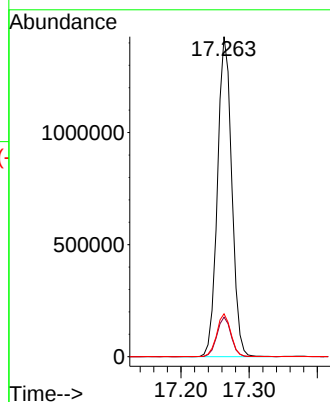
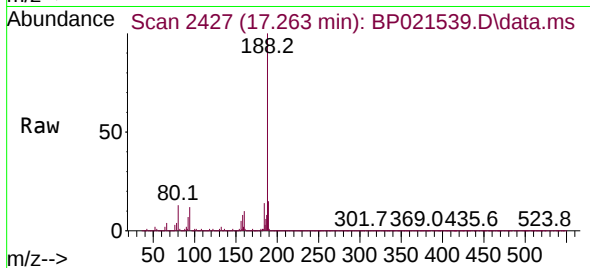
Tgt Ion:188 Resp: 2078183

Ion Ratio Lower Upper

188 100

94 12.3 10.2 15.4

80 13.4 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.722 min Scan# 3185

Delta R.T. 0.024 min

Lab File: BP021539.D

Acq: 16 Aug 2024 14:30

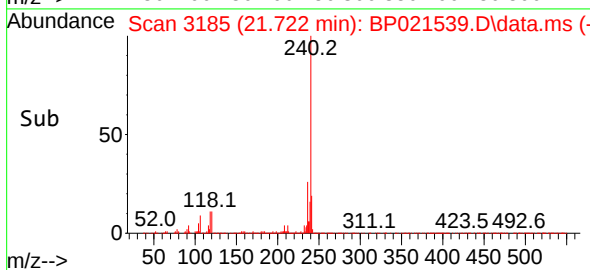
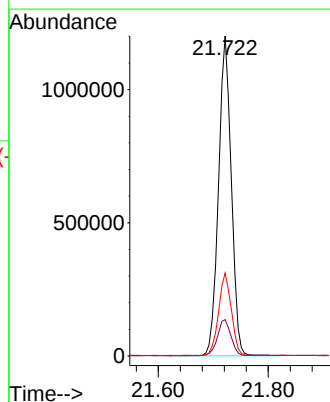
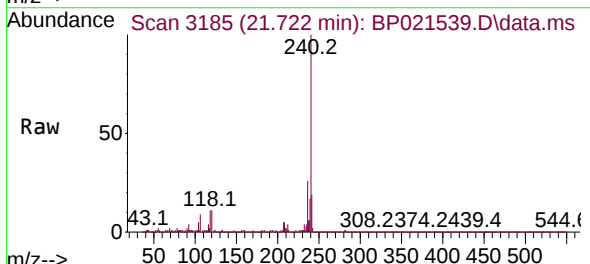
Tgt Ion:240 Resp: 1931232

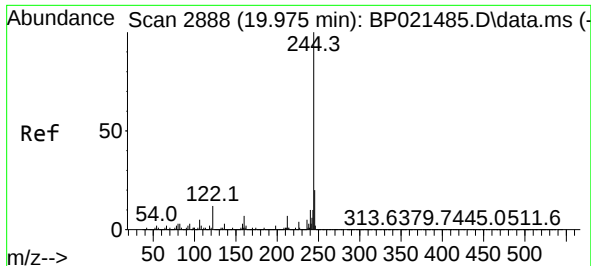
Ion Ratio Lower Upper

240 100

120 11.3 9.9 14.9

236 26.0 20.6 30.8

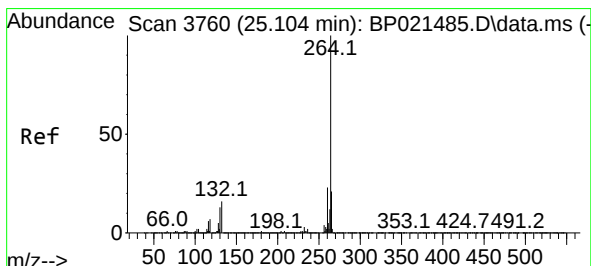
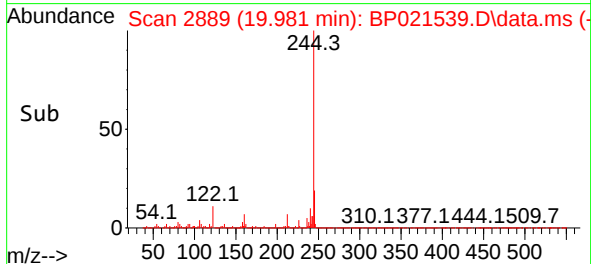
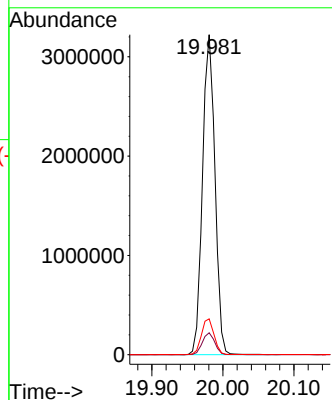
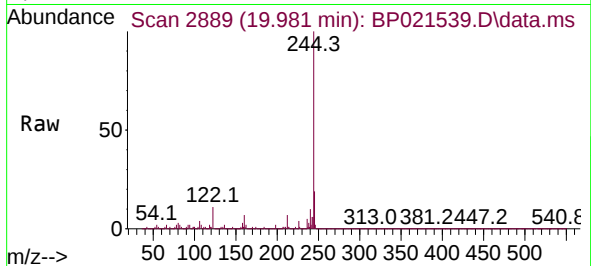




#79
 Terphenyl-d14
 Concen: 39.552 ng
 RT: 19.981 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP021539.D
 Acq: 16 Aug 2024 14:30

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 OU4-CF-07-080624RE

Tgt Ion:244 Resp: 3931800
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.2 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.151 min Scan# 3768
 Delta R.T. 0.047 min
 Lab File: BP021539.D
 Acq: 16 Aug 2024 14:30

Tgt Ion:264 Resp: 2266318
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.0 17.1 25.7

