

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021537.D
 Acq On : 16 Aug 2024 13:06
 Operator : RC/JU
 Sample : P3519-25RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-CF-05-080624RE

Quant Time: Aug 16 14:05:36 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	596087	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	2532026	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1642035	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	3264003	20.000	ng	0.00
76) Chrysene-d12	21.710	240	1926556	20.000	ng	0.01
86) Perylene-d12	25.133	264	2197102	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	2548828	63.492	ng	0.02
7) Phenol-d6	6.975	99	3753527	64.096	ng	0.01
23) Nitrobenzene-d5	8.958	82	2119094	43.197	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1221733	66.852	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	3608192	33.536	ng	0.00
79) Terphenyl-d14	19.969	244	4711450	47.510	ng	0.00

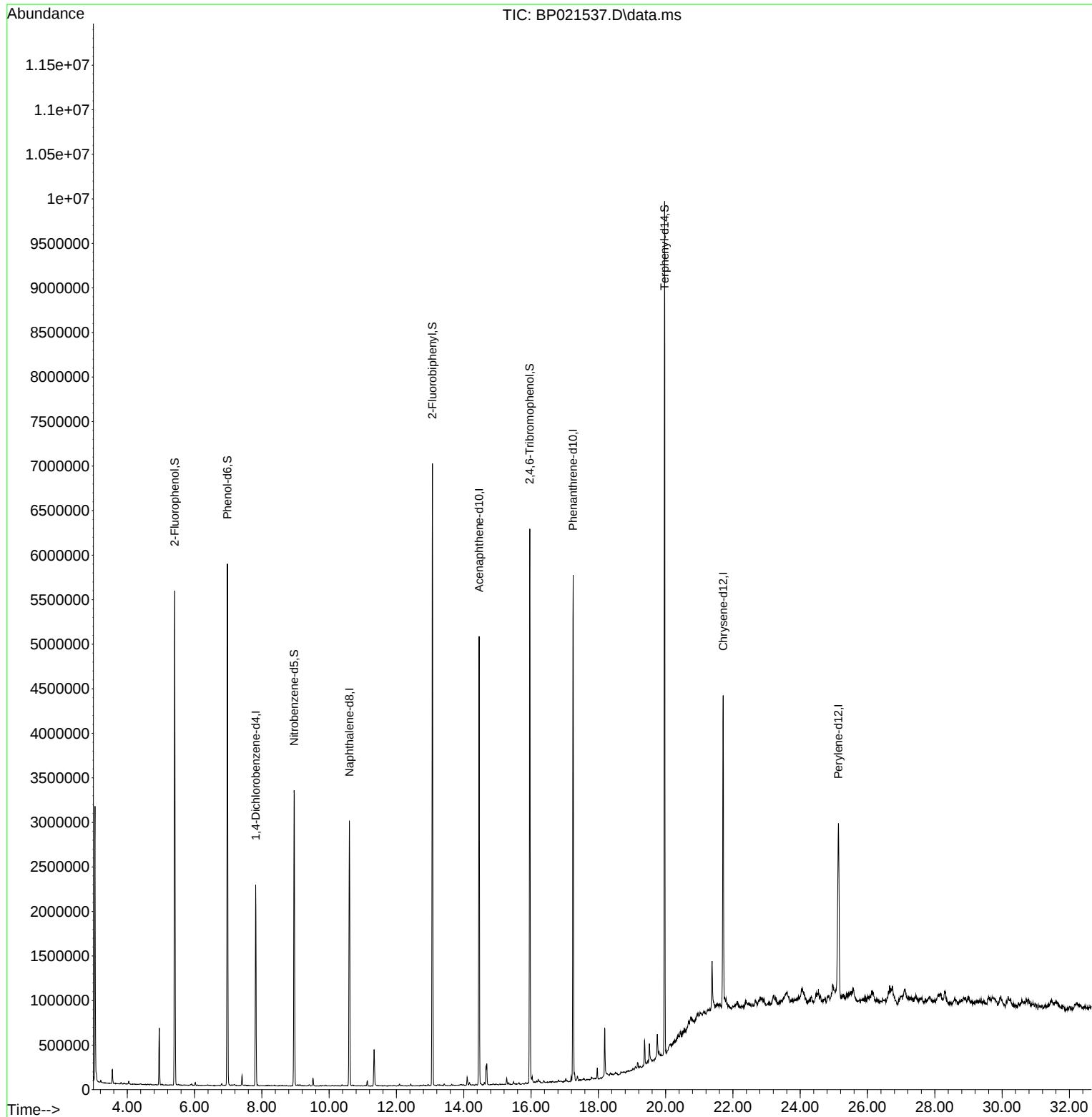
Target Compounds	Qvalue

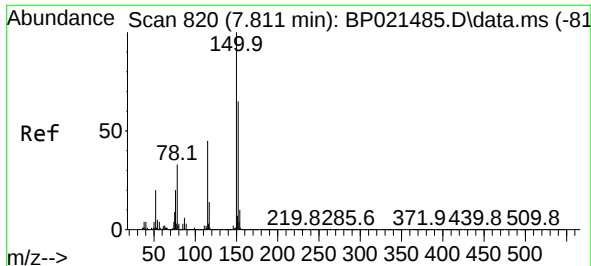
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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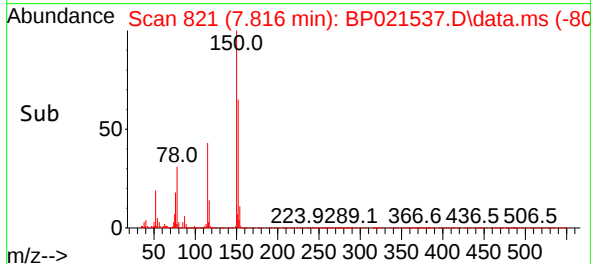
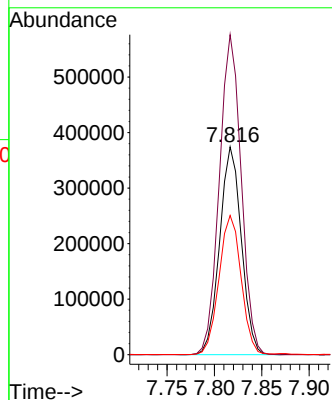
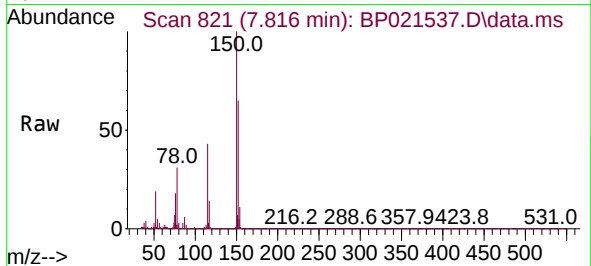




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

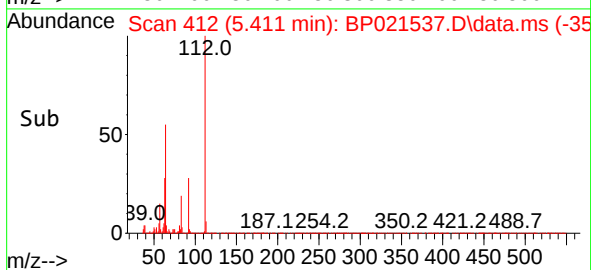
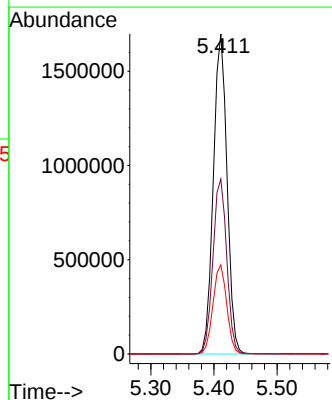
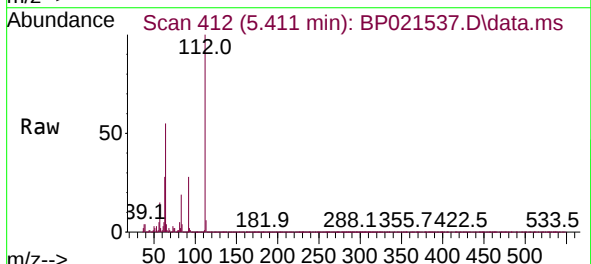
Instrument :
BNA_P
ClientSampleId :
OU4-CF-05-080624RE

Tgt Ion:152 Resp: 596087
Ion Ratio Lower Upper
152 100
150 154.0 122.4 183.6
115 67.0 54.7 82.1



#5
2-Fluorophenol
Concen: 63.492 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.018 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

Tgt Ion:112 Resp: 2548828
Ion Ratio Lower Upper
112 100
64 54.7 49.0 73.6
63 27.8 24.6 36.8





#7

Phenol-d6

Concen: 64.096 ng

RT: 6.975 min Scan# 61

Delta R.T. 0.012 min

Lab File: BP021537.D

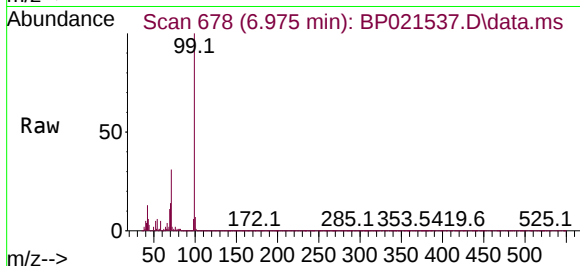
Acq: 16 Aug 2024 13:06

Instrument :

BNA_P

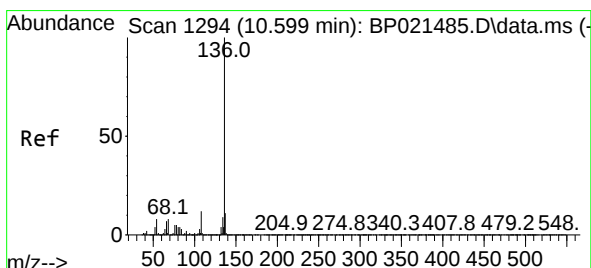
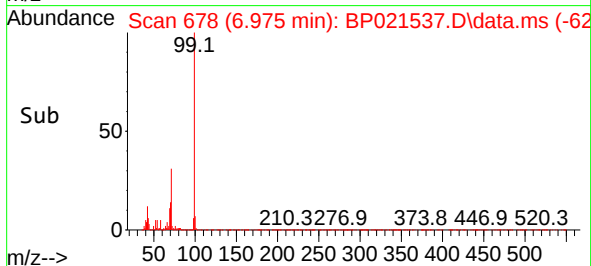
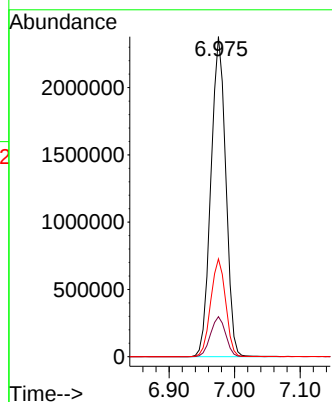
ClientSampleId :

OU4-CF-05-080624RE



Tgt Ion: 99 Resp: 3753527

Ion	Ratio	Lower	Upper
99	100		
42	12.5	10.2	15.4
71	30.5	25.8	38.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.599 min Scan# 1294

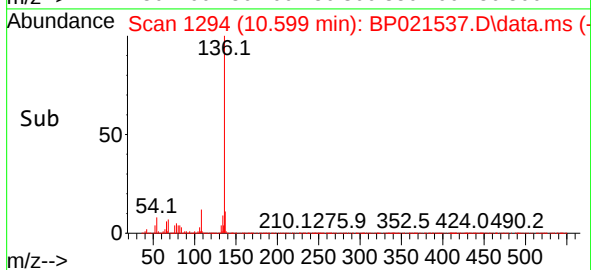
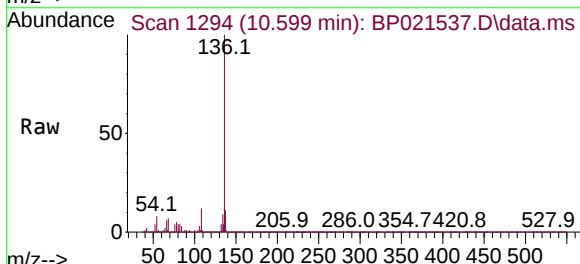
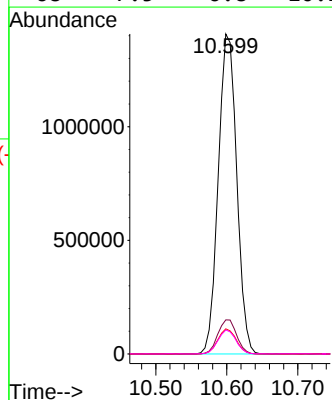
Delta R.T. -0.000 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

Tgt Ion:136 Resp: 2532026

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.8	6.3	9.5
68	7.5	6.8	10.2





#23

Nitrobenzene-d5

Concen: 43.197 ng

RT: 8.958 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

Instrument :

BNA_P

ClientSampleId :

OU4-CF-05-080624RE

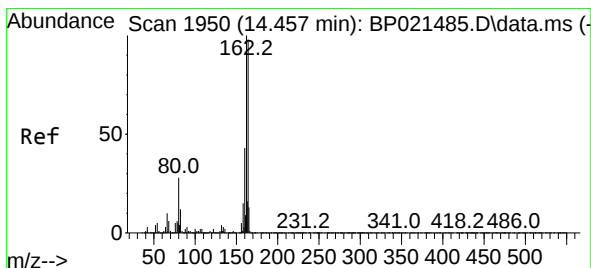
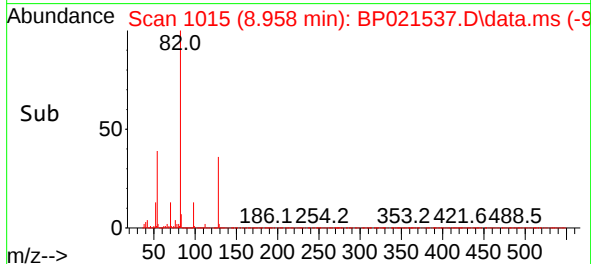
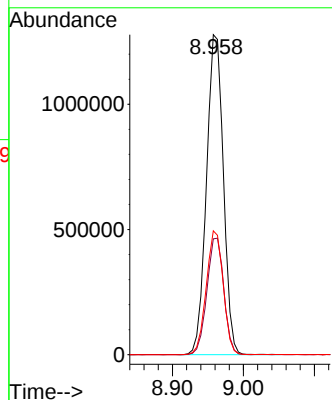
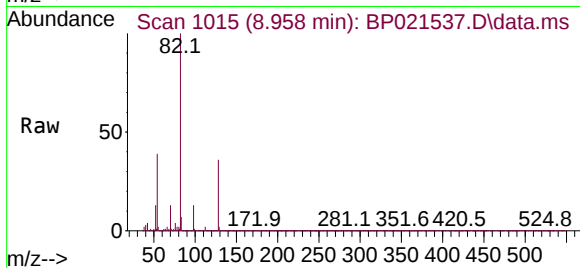
Tgt Ion: 82 Resp: 2119094

Ion Ratio Lower Upper

82 100

128 36.2 26.5 39.7

54 38.7 30.3 45.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

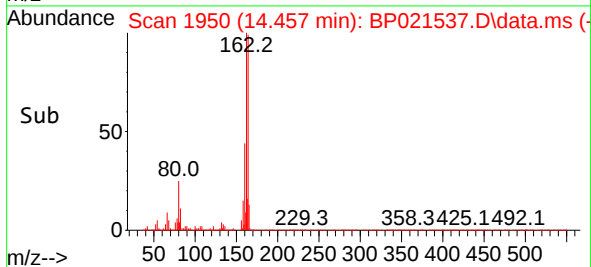
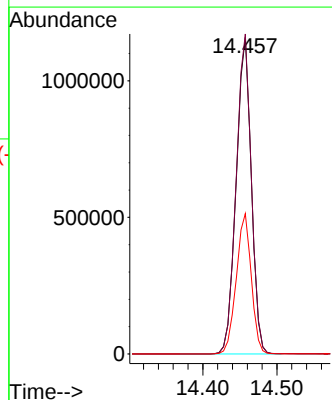
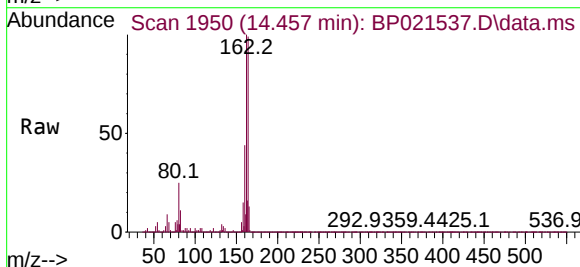
Tgt Ion:164 Resp: 1642035

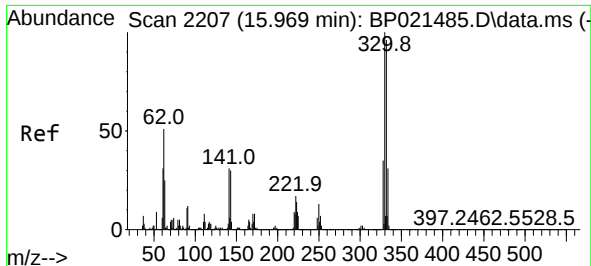
Ion Ratio Lower Upper

164 100

162 101.1 81.5 122.3

160 44.3 35.2 52.8

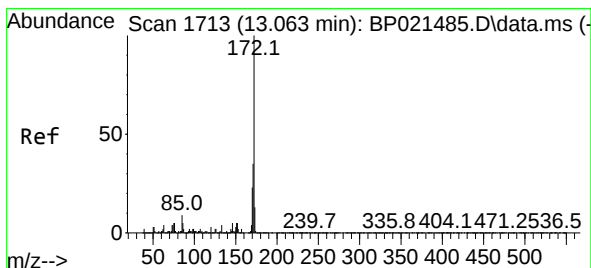
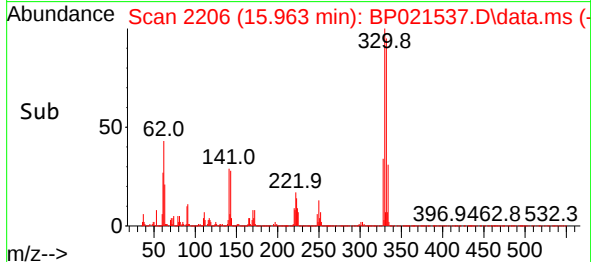
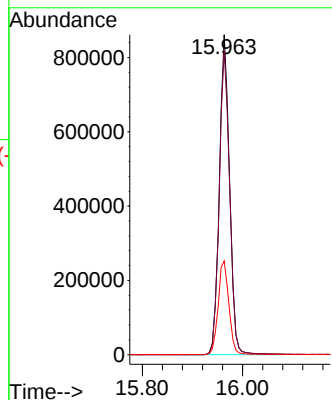
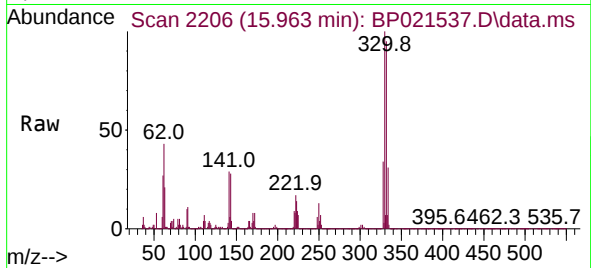




#42
2,4,6-Tribromophenol
Concen: 66.852 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

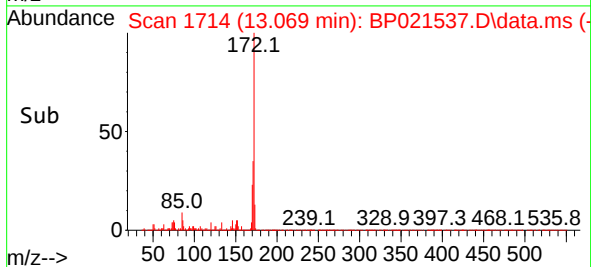
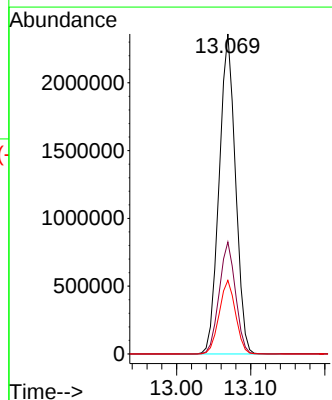
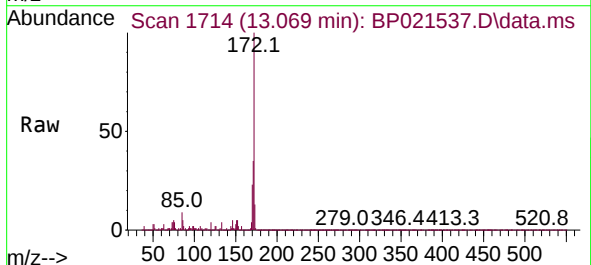
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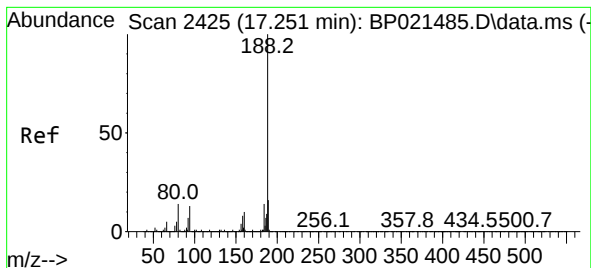
Tgt Ion:330 Resp: 1221733
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 30.6 24.5 36.7



#45
2-Fluorobiphenyl
Concen: 33.536 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.006 min
Lab File: BP021537.D
Acq: 16 Aug 2024 13:06

Tgt Ion:172 Resp: 3608192
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

Instrument :

BNA_P

ClientSampleId :

OU4-CF-05-080624RE

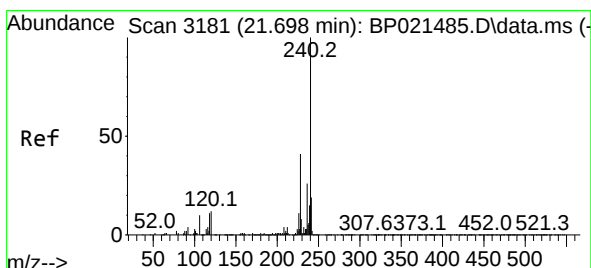
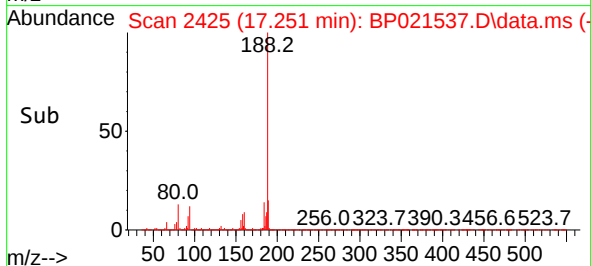
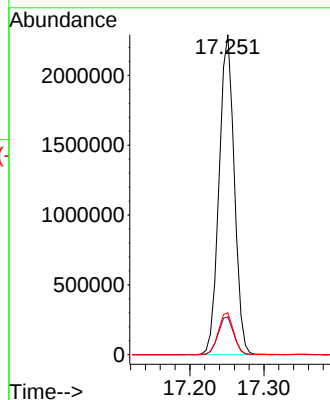
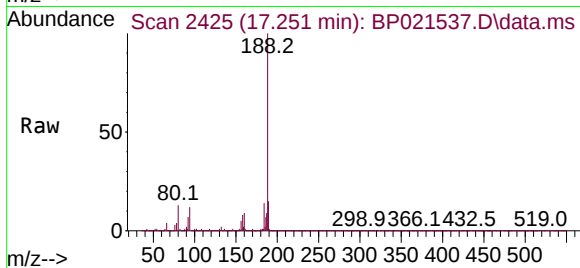
Tgt Ion:188 Resp: 3264003

Ion Ratio Lower Upper

188 100

94 11.8 10.2 15.4

80 13.1 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.710 min Scan# 3183

Delta R.T. 0.012 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

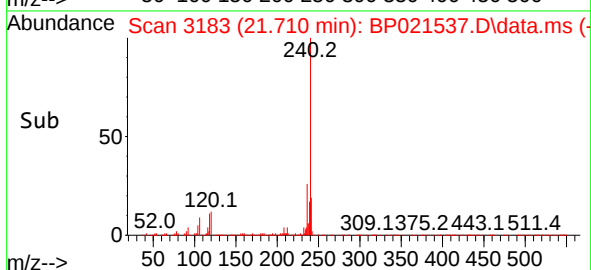
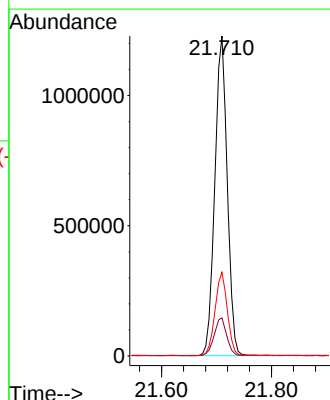
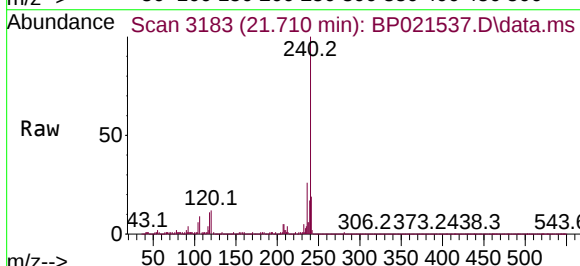
Tgt Ion:240 Resp: 1926556

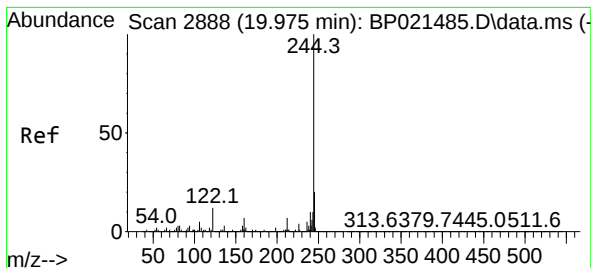
Ion Ratio Lower Upper

240 100

120 11.9 9.9 14.9

236 26.1 20.6 30.8





#79

Terphenyl-d14

Concen: 47.510 ng

RT: 19.969 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021537.D

Acq: 16 Aug 2024 13:06

Instrument :

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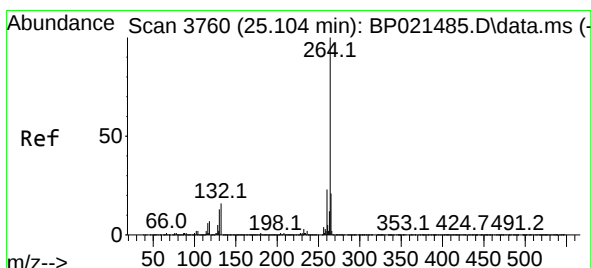
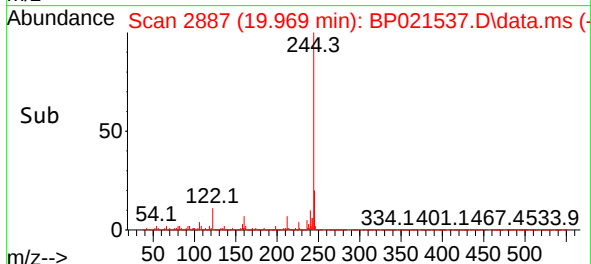
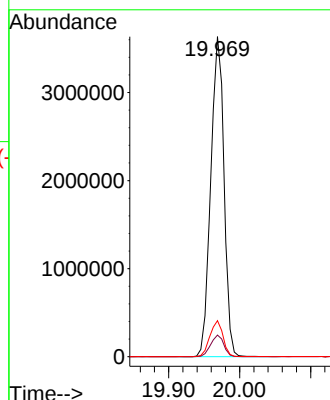
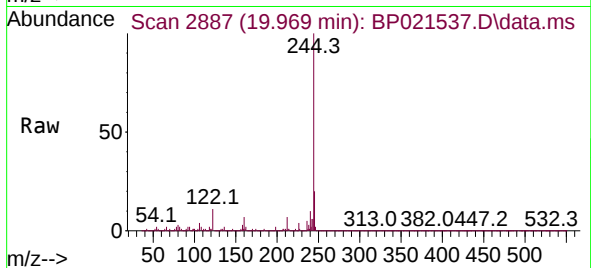
Tgt Ion:244 Resp: 4711450

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.2 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: BP021537.D

Acq: 16 Aug 2024 13:06

Tgt Ion:264 Resp: 2197102

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.9 17.1 25.7

