

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
Data File : BP021533.D
Acq On : 16 Aug 2024 10:17
Operator : RC/JU
Sample : PB162487BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB162487BL

Quant Time: Aug 16 11:09:31 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	401861	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1614879	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1070988	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2204946	20.000	ng	0.01
76) Chrysene-d12	21.716	240	1731591	20.000	ng	0.02
86) Perylene-d12	25.133	264	2054243	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	3490227	128.963	ng	0.02
7) Phenol-d6	6.975	99	4733254	119.890	ng	0.01
23) Nitrobenzene-d5	8.963	82	2851297	91.134	ng	0.01
42) 2,4,6-Tribromophenol	15.963	330	1680783	141.009	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	5627728	80.195	ng	0.00
79) Terphenyl-d14	19.986	244	8187236	91.855	ng	0.01

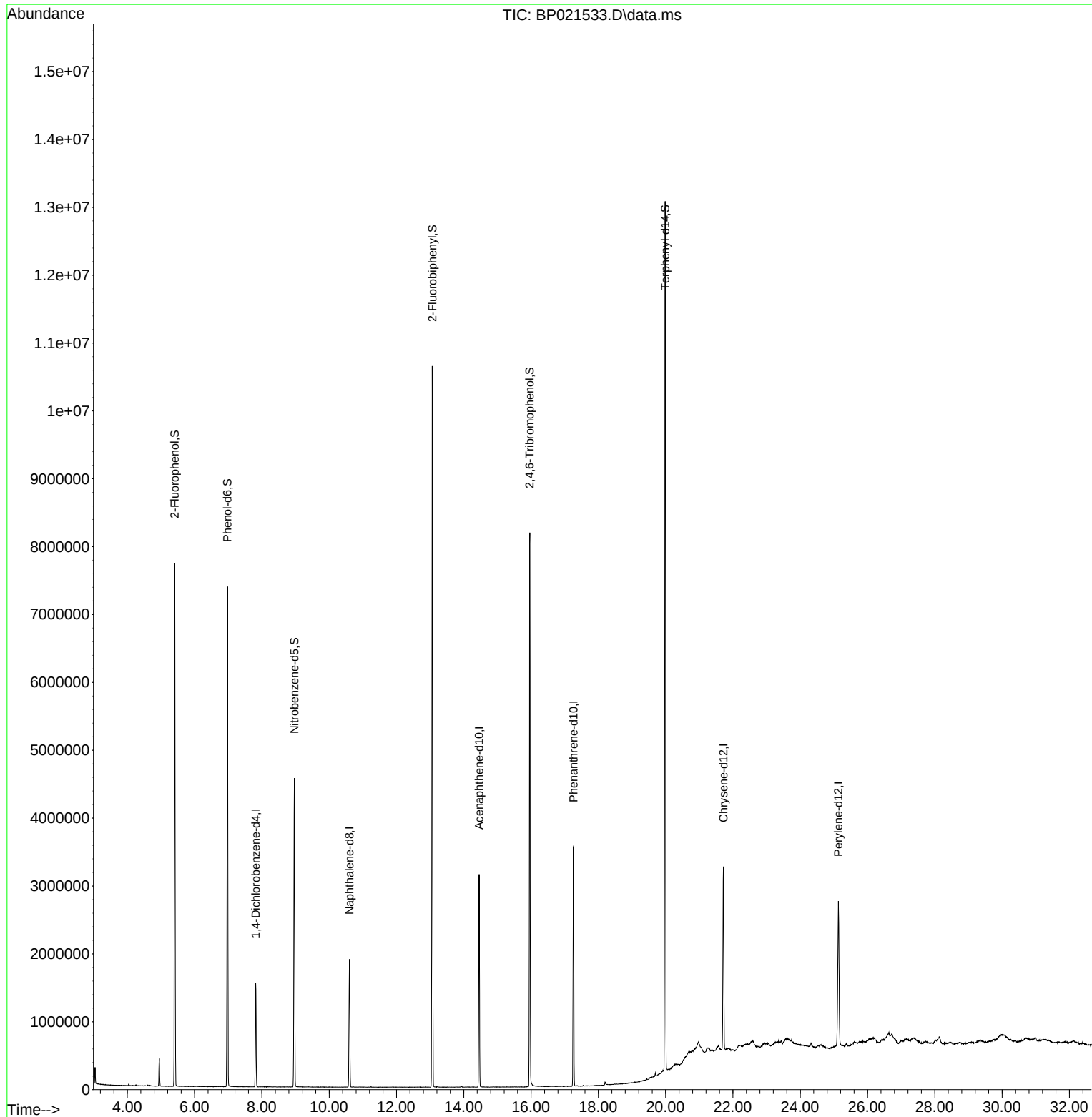
Target Compounds	Qvalue

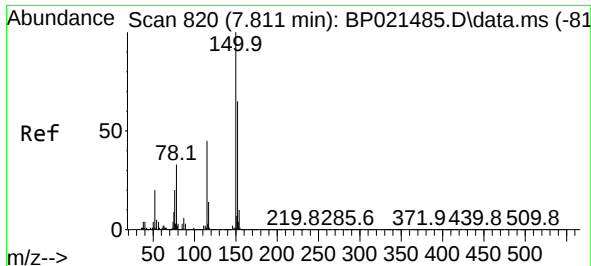
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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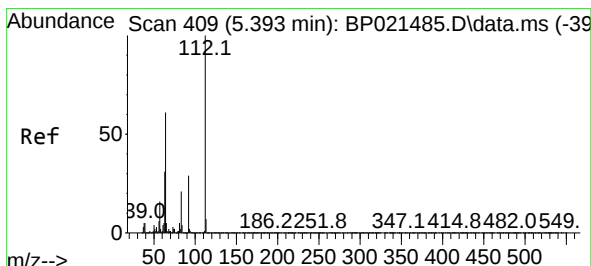
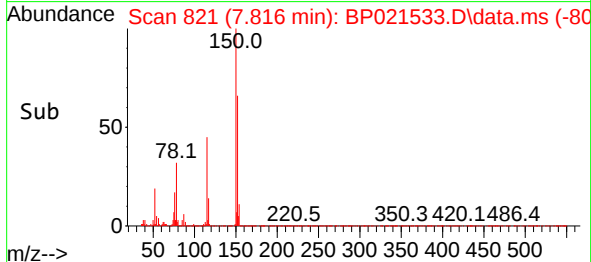
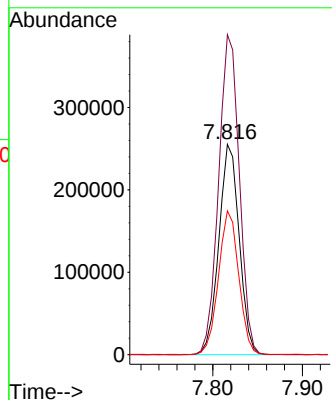
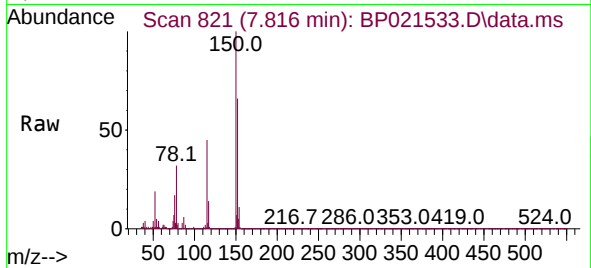




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

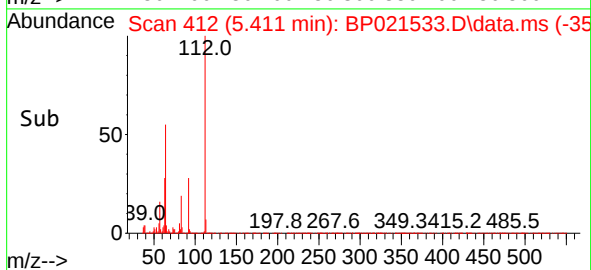
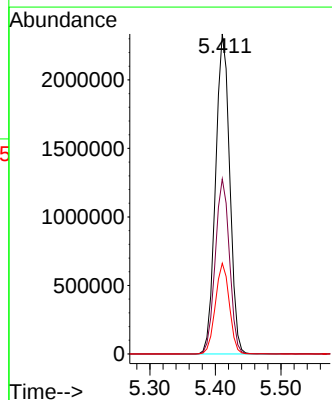
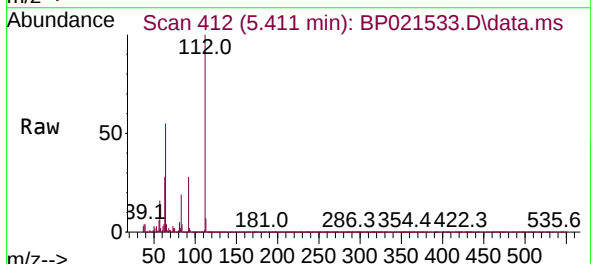
Instrument :
BNA_P
ClientSampleId :
PB162487BL

Tgt Ion:152 Resp: 401861
Ion Ratio Lower Upper
152 100
150 152.0 122.4 183.6
115 68.3 54.7 82.1



#5
2-Fluorophenol
Concen: 128.963 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.017 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

Tgt Ion:112 Resp: 3490227
Ion Ratio Lower Upper
112 100
64 54.7 49.0 73.6
63 28.4 24.6 36.8

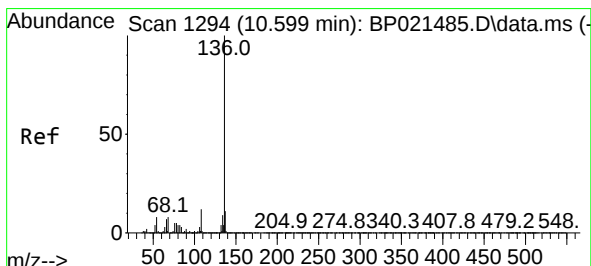
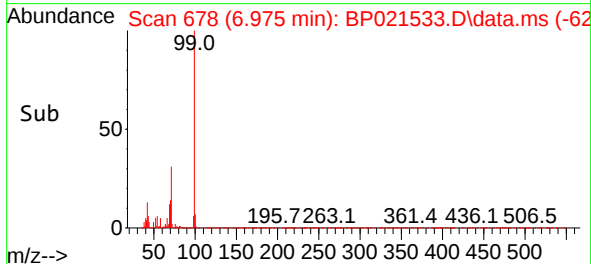
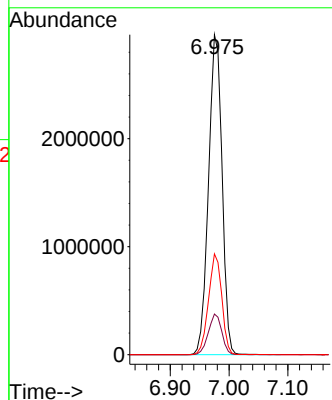
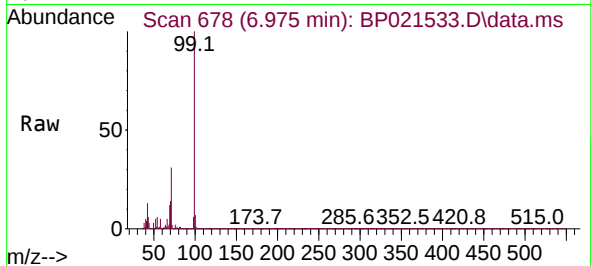




#7
Phenol-d6
Concen: 119.890 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

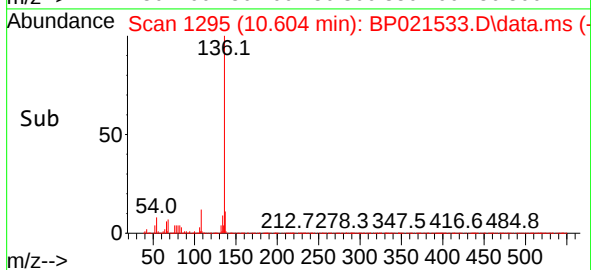
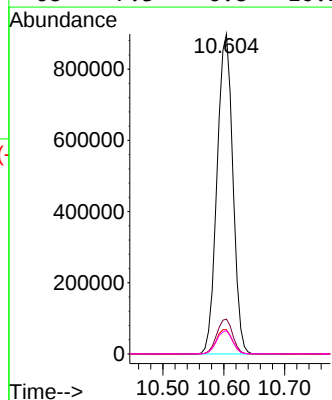
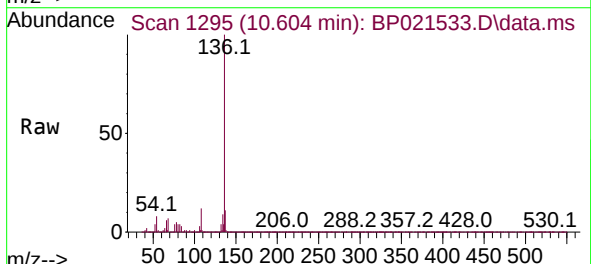
Instrument :
BNA_P
ClientSampleId :
PB162487BL

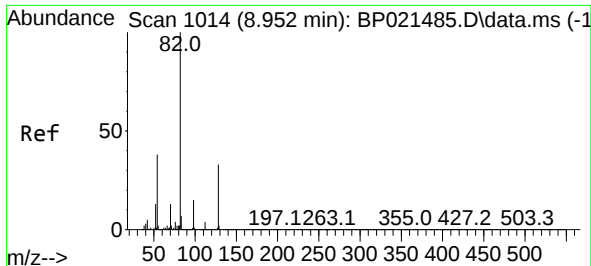
Tgt Ion: 99 Resp: 4733254
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 31.5 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.005 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

Tgt Ion: 136 Resp: 1614879
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 6.3 9.5
68 7.3 6.8 10.2





#23

Nitrobenzene-d5

Concen: 91.134 ng

RT: 8.963 min Scan# 1016

Delta R.T. 0.012 min

Lab File: BP021533.D

Acq: 16 Aug 2024 10:17

Instrument :

BNA_P

ClientSampleId :

PB162487BL

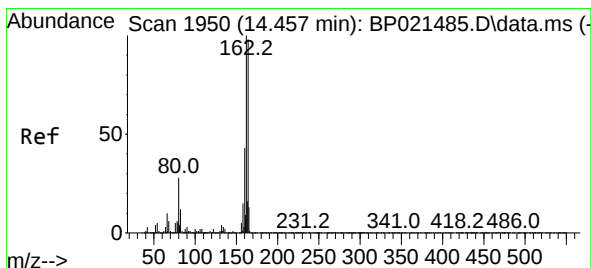
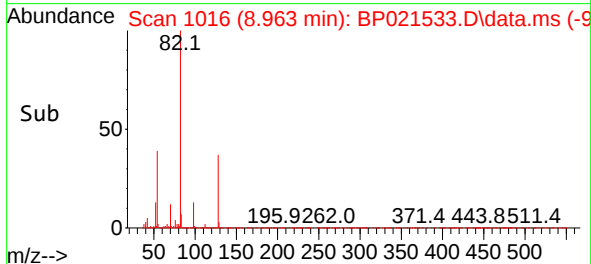
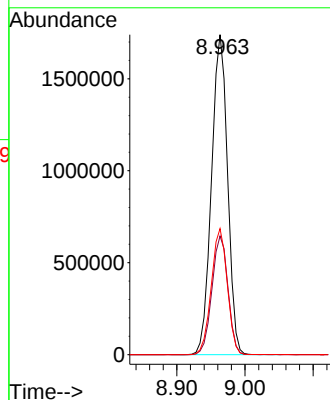
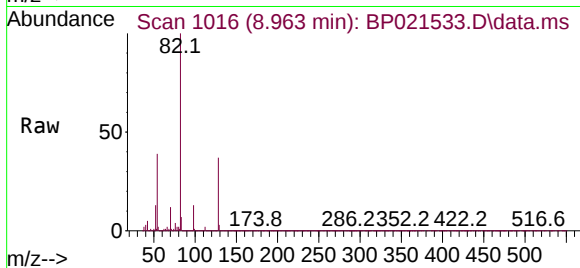
Tgt Ion: 82 Resp: 2851297

Ion Ratio Lower Upper

82 100

128 37.1 26.5 39.7

54 39.4 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: BP021533.D

Acq: 16 Aug 2024 10:17

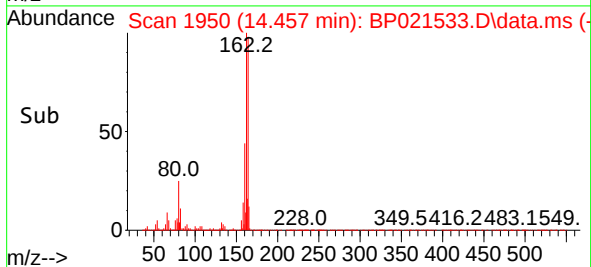
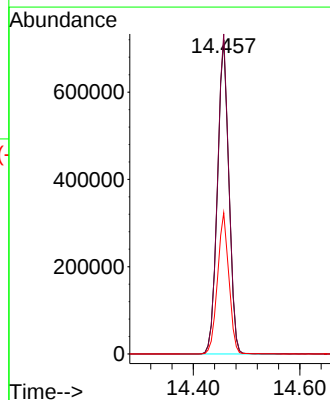
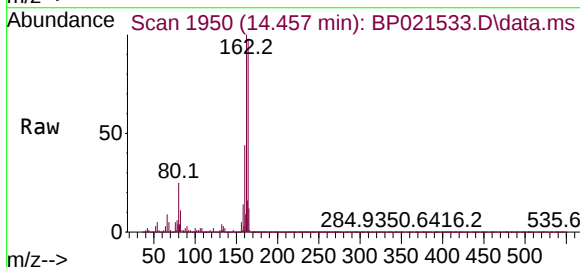
Tgt Ion:164 Resp: 1070988

Ion Ratio Lower Upper

164 100

162 101.9 81.5 122.3

160 44.9 35.2 52.8

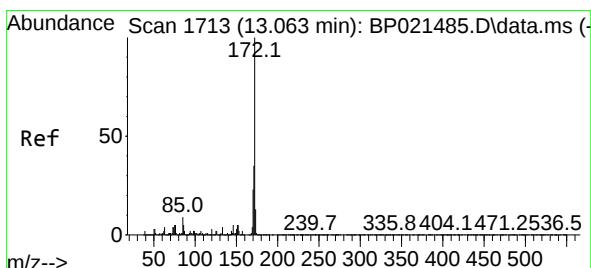
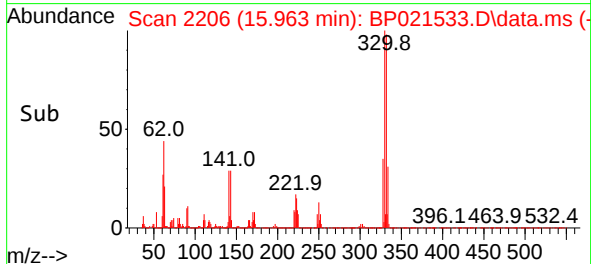
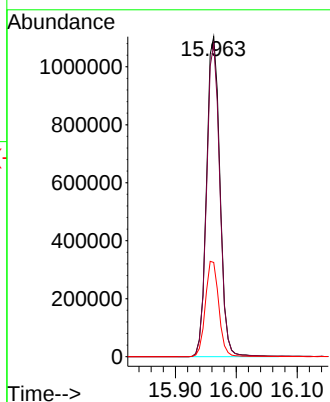
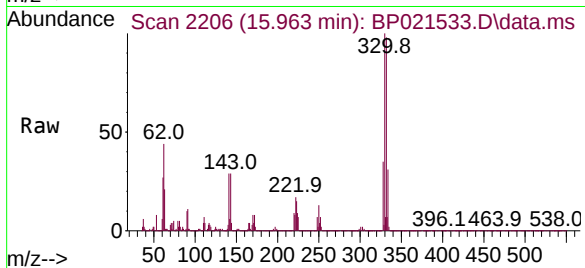




#42
2,4,6-Tribromophenol
Concen: 141.009 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

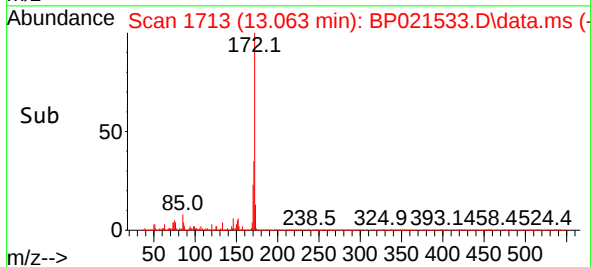
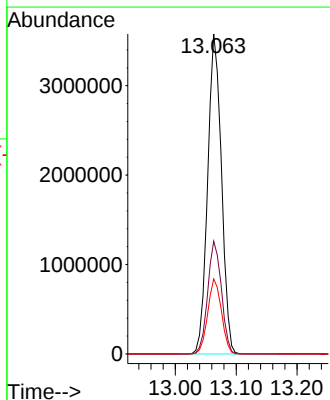
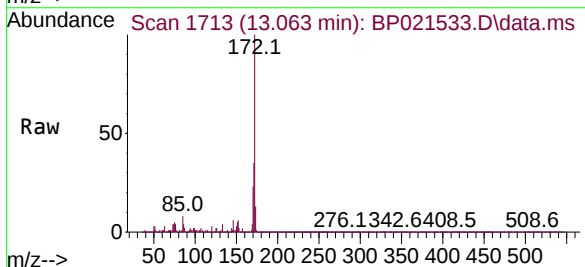
Instrument :
BNA_P
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PB162487BL

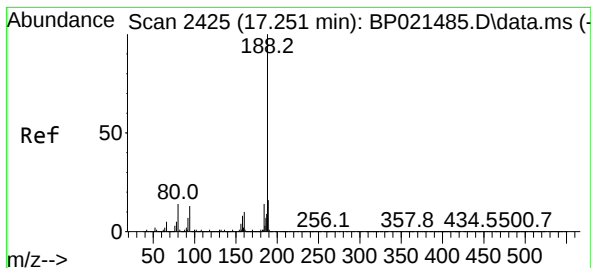
Tgt Ion:330 Resp: 1680783
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 30.0 24.5 36.7



#45
2-Fluorobiphenyl
Concen: 80.195 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP021533.D
Acq: 16 Aug 2024 10:17

Tgt Ion:172 Resp: 5627728
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.5 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: BP021533.D

Acq: 16 Aug 2024 10:17

Instrument :

BNA_P

ClientSampleId :

PB162487BL

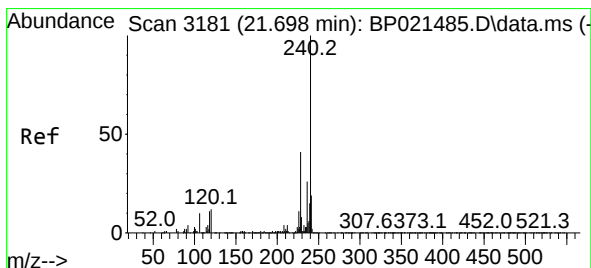
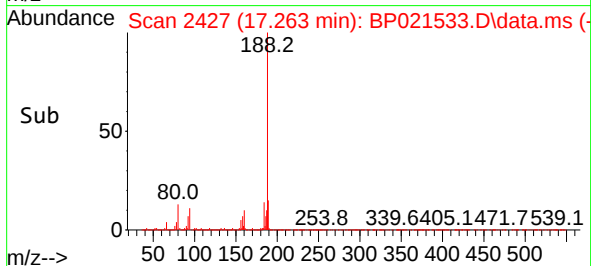
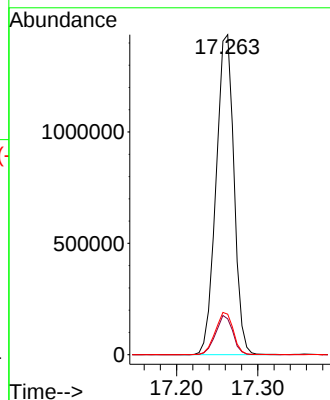
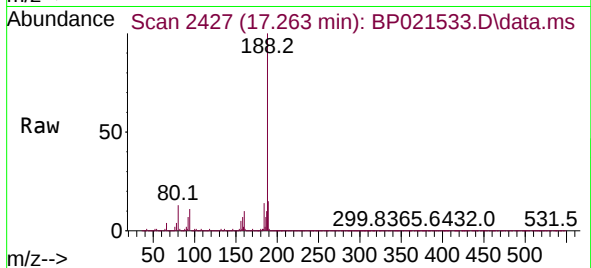
Tgt Ion:188 Resp: 2204946

Ion Ratio Lower Upper

188 100

94 11.2 10.2 15.4

80 12.7 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.716 min Scan# 3184

Delta R.T. 0.017 min

Lab File: BP021533.D

Acq: 16 Aug 2024 10:17

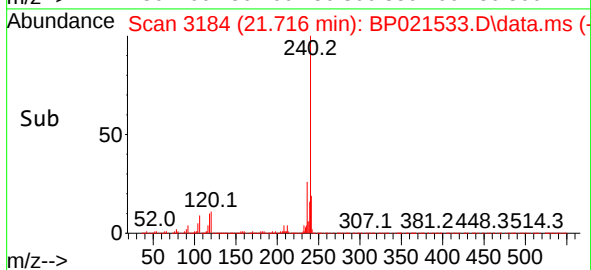
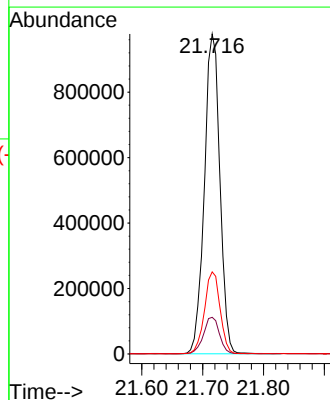
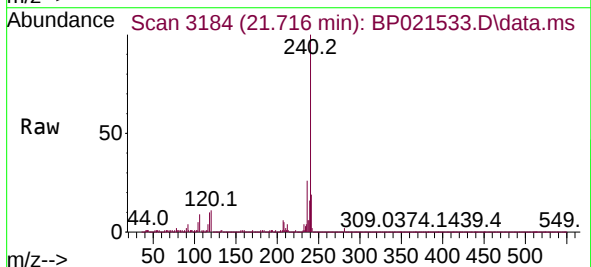
Tgt Ion:240 Resp: 1731591

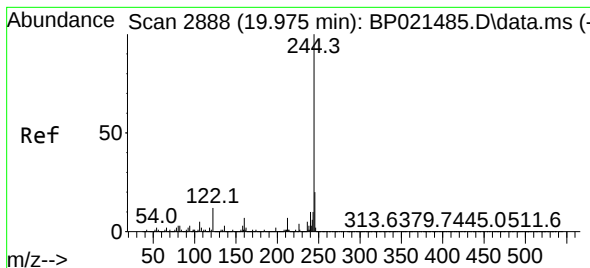
Ion Ratio Lower Upper

240 100

120 11.4 9.9 14.9

236 25.7 20.6 30.8





#79

Terphenyl-d14

Concen: 91.855 ng

RT: 19.986 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP021533.D

Acq: 16 Aug 2024 10:17

Instrument :

BNA_P

ClientSampleId :

PB162487BL

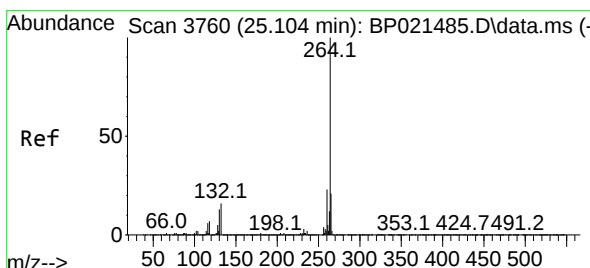
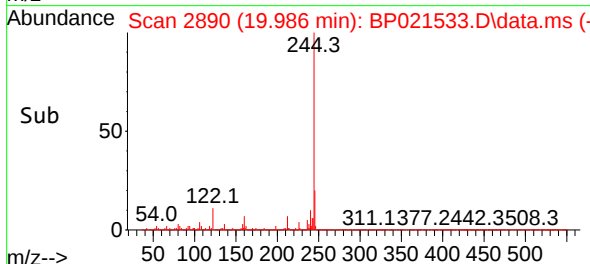
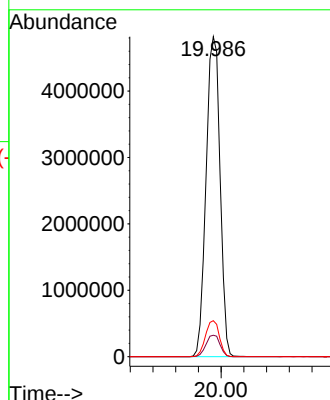
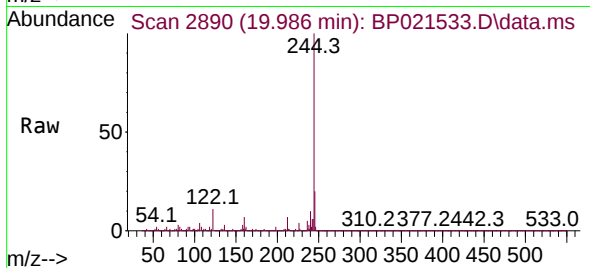
Tgt Ion:244 Resp: 8187236

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.3 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: BP021533.D

Acq: 16 Aug 2024 10:17

Tgt Ion:264 Resp: 2054243

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.8 17.1 25.7

