

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021490.D
 Acq On : 13 Aug 2024 19:46
 Operator : RC/JU
 Sample : PB162612TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162612TB

Quant Time: Aug 14 00:57:06 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	7.810	152	358453	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1426812	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	952312	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	2034866	20.000	ng	0.00
76) Chrysene-d12	21.704	240	1809314	20.000	ng	0.00
86) Perylene-d12	25.104	264	2019682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3197598	132.458	ng	0.00
7) Phenol-d6	6.963	99	4393217	124.753	ng	0.00
23) Nitrobenzene-d5	8.951	82	2610521	94.436	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1441962	136.049	ng	-0.02
45) 2-Fluorobiphenyl	13.063	172	5173939	82.917	ng	0.00
79) Terphenyl-d14	19.974	244	8395804	90.149	ng	0.00

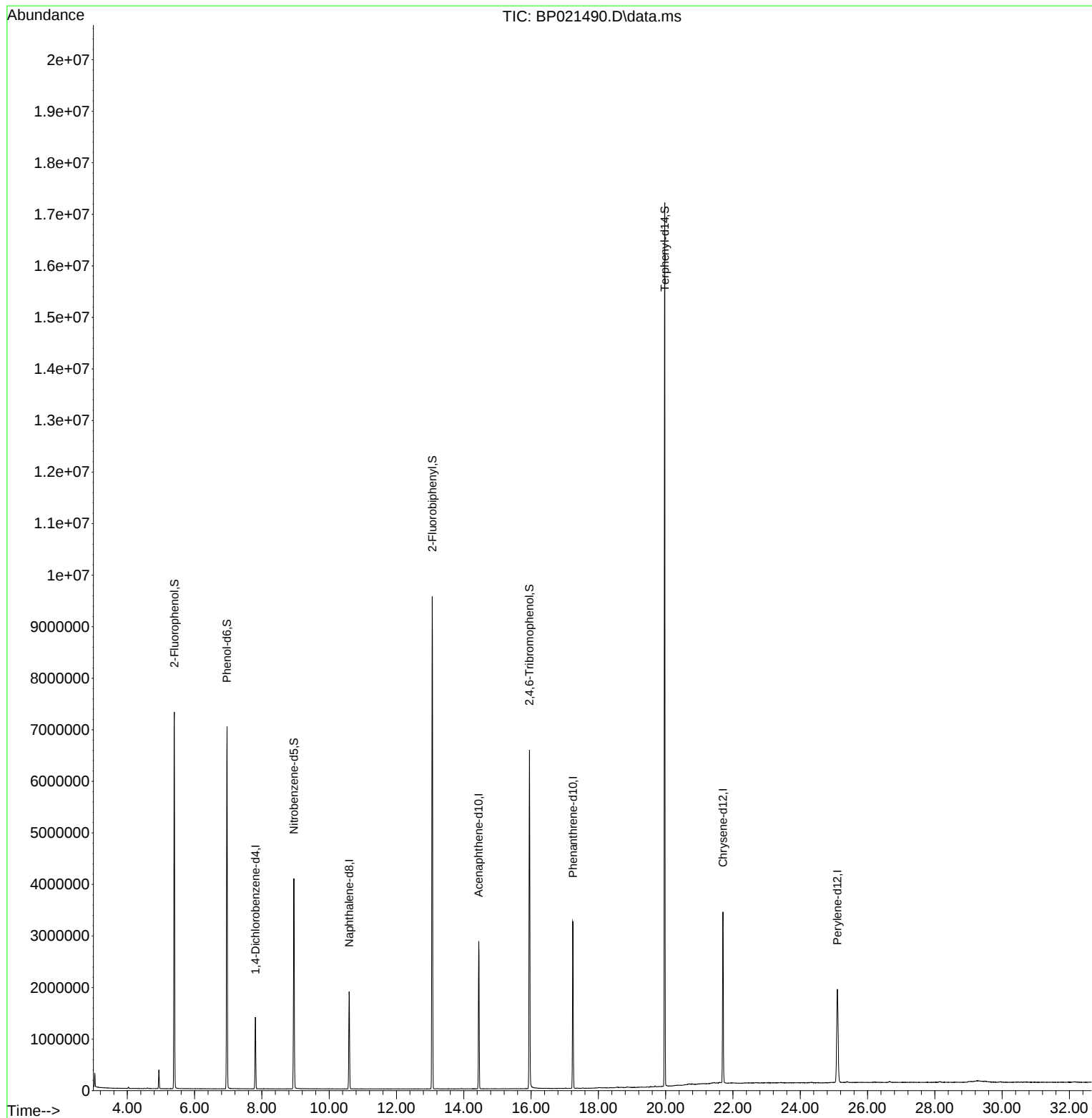
Target Compounds	Qvalue

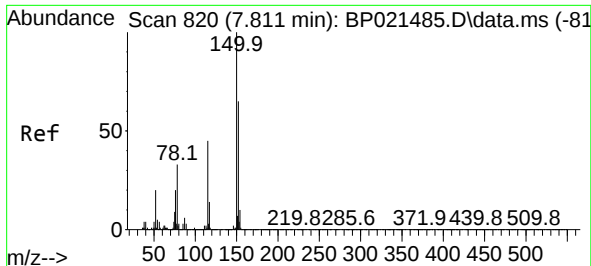
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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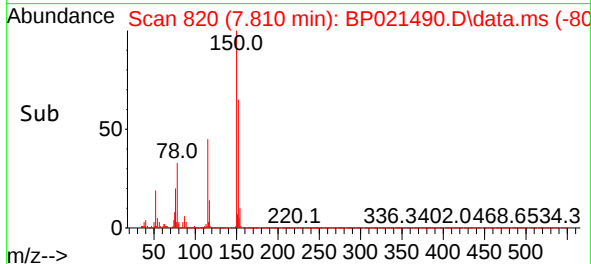
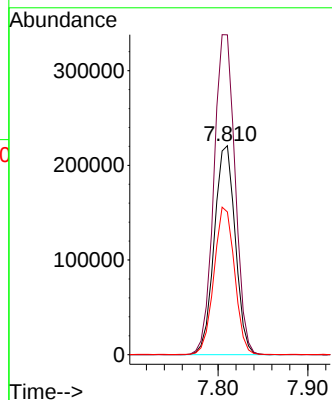
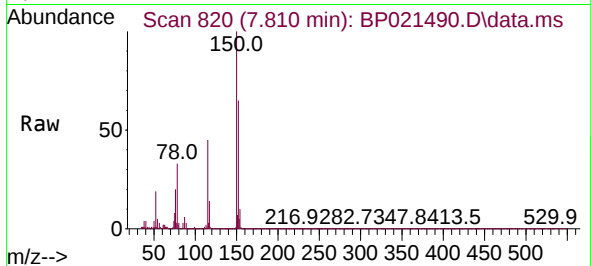




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

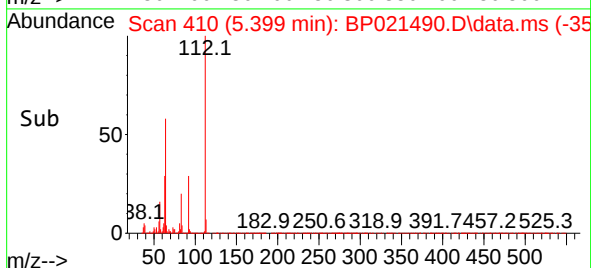
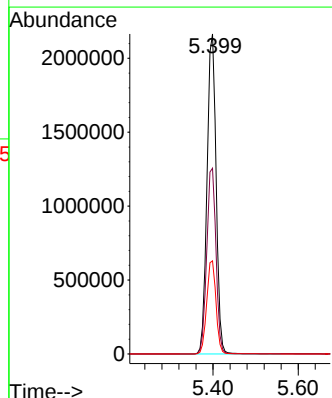
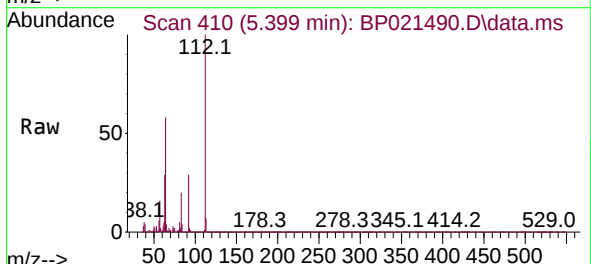
Instrument :
BNA_P
ClientSampleId :
PB162612TB

Tgt Ion:152 Resp: 358453
Ion Ratio Lower Upper
152 100
150 153.1 122.4 183.6
115 68.3 54.7 82.1



#5
2-Fluorophenol
Concen: 132.458 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

Tgt Ion:112 Resp: 3197598
Ion Ratio Lower Upper
112 100
64 58.1 49.0 73.6
63 29.1 24.6 36.8



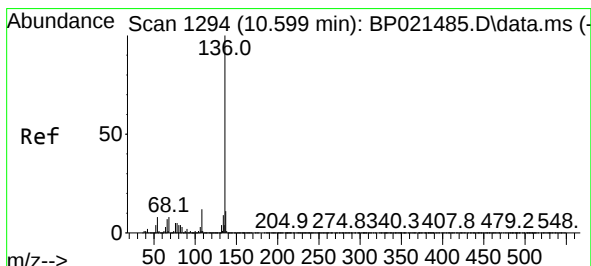
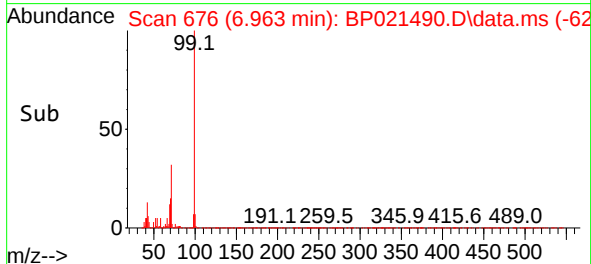
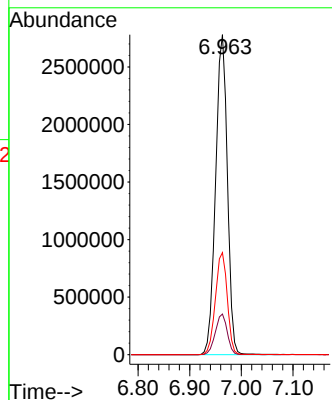
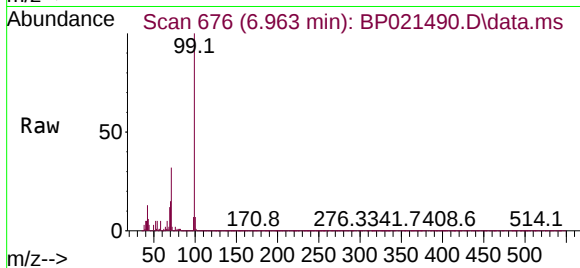


#7
Phenol-d6
Concen: 124.753 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

Instrument :
BNA_P
ClientSampleId :
PB162612TB

Tgt Ion: 99 Resp: 4393217

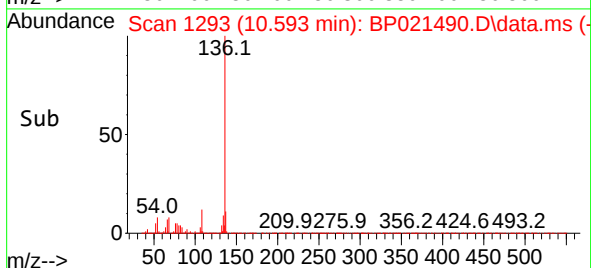
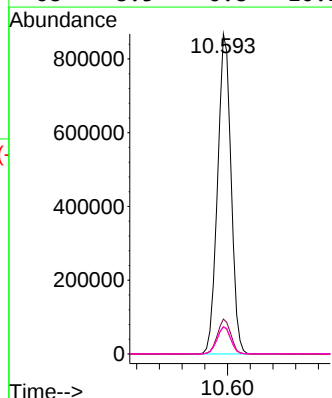
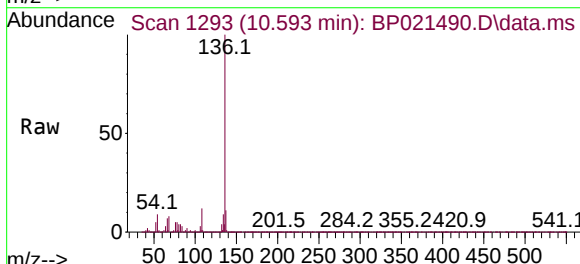
Ion	Ratio	Lower	Upper
99	100		
42	12.7	10.2	15.4
71	31.9	25.8	38.8

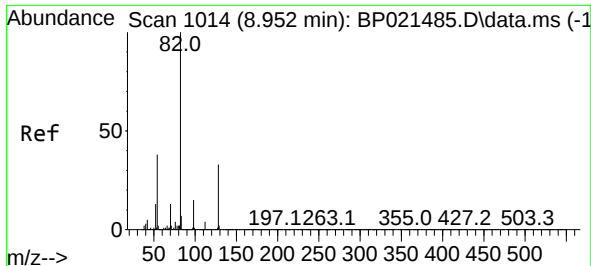


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

Tgt Ion:136 Resp: 1426812

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	6.3	9.5
68	8.5	6.8	10.2





#23

Nitrobenzene-d5

Concen: 94.436 ng

RT: 8.951 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

Instrument :

BNA_P

ClientSampleId :

PB162612TB

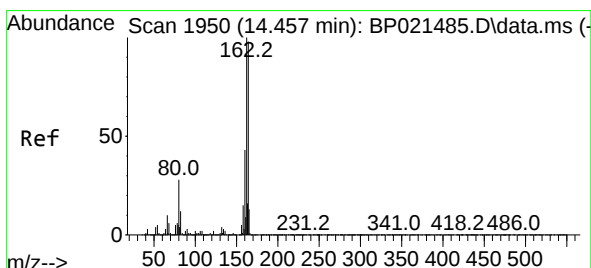
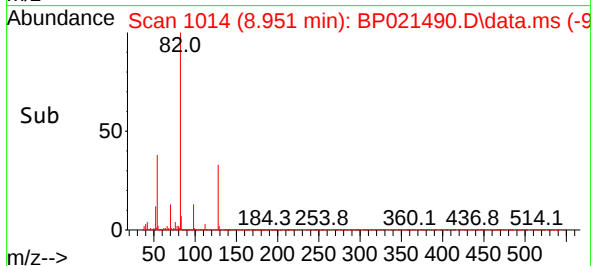
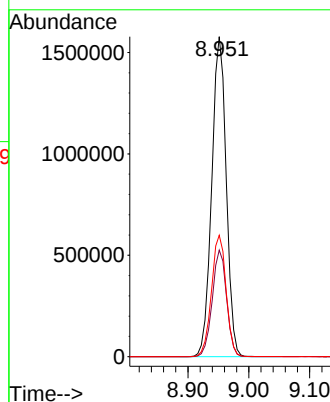
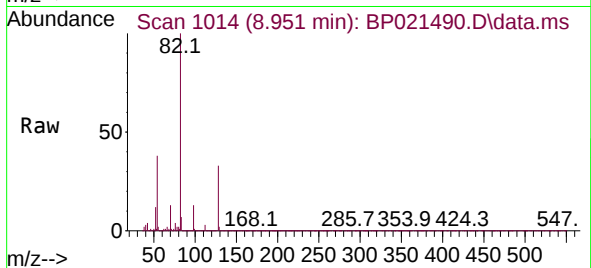
Tgt Ion: 82 Resp: 2610521

Ion Ratio Lower Upper

82 100

128 33.3 26.5 39.7

54 38.0 30.3 45.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

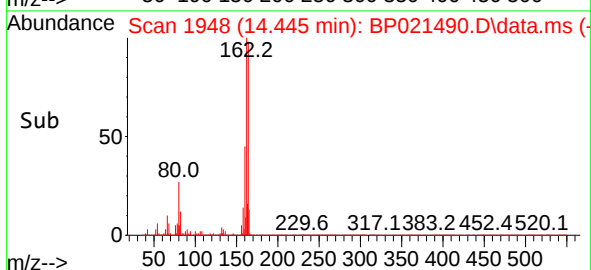
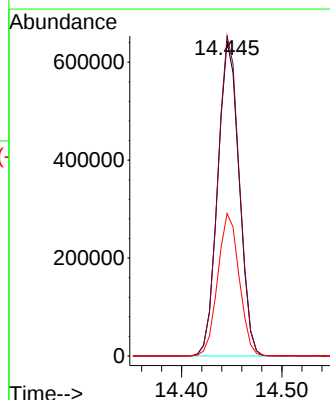
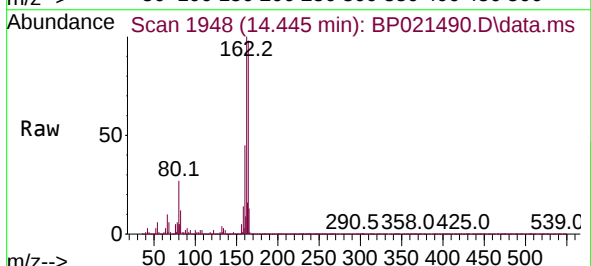
Tgt Ion: 164 Resp: 952312

Ion Ratio Lower Upper

164 100

162 101.7 81.5 122.3

160 45.3 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 136.049 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

Instrument :

BNA_P

ClientSampleId :

PB162612TB

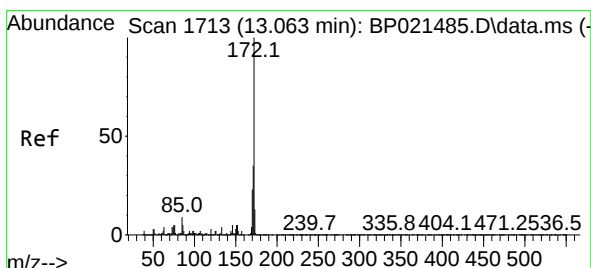
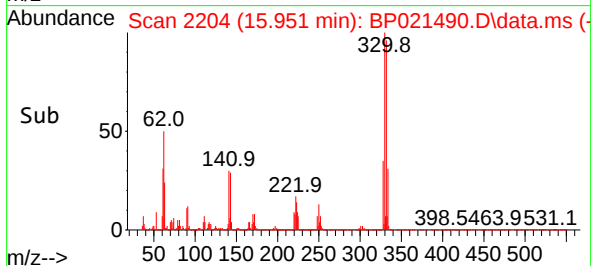
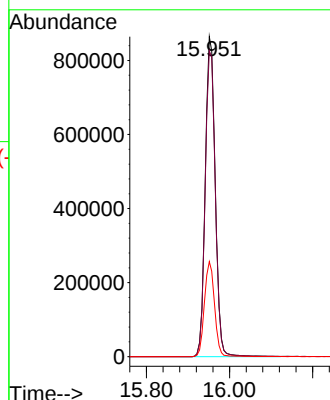
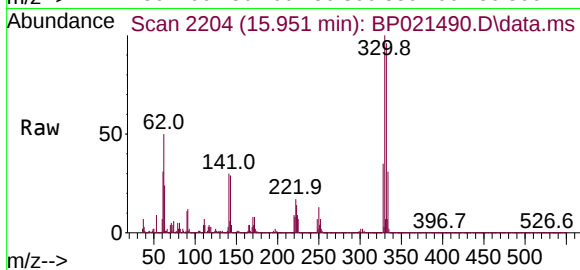
Tgt Ion:330 Resp: 1441962

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

141 30.1 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 82.917 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

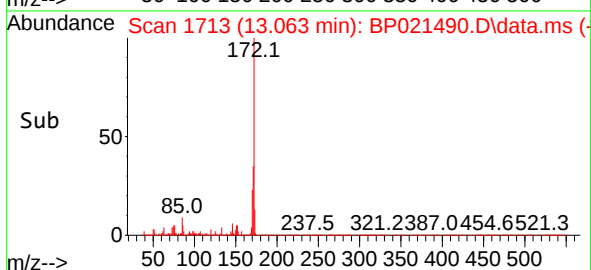
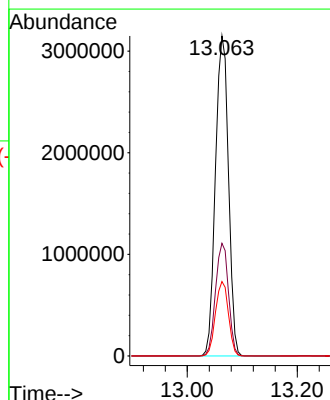
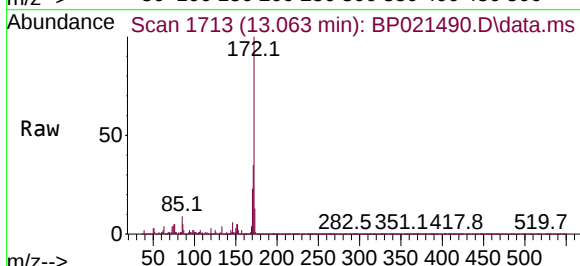
Tgt Ion:172 Resp: 5173939

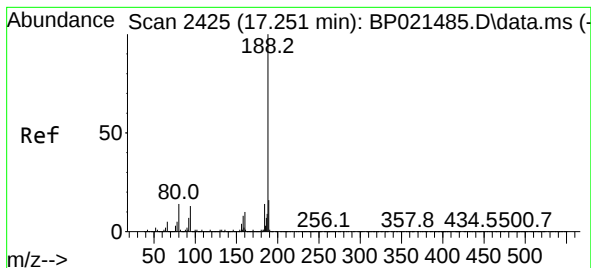
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.2 18.4 27.6

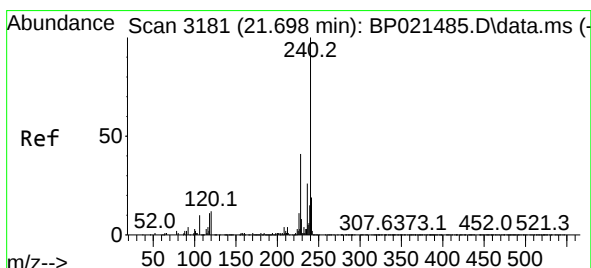
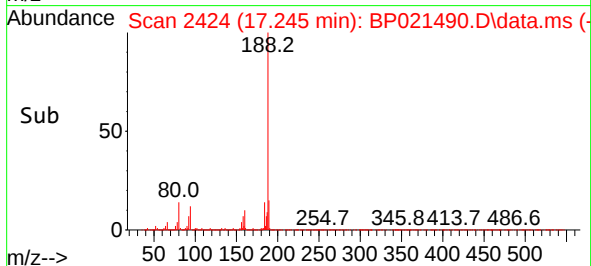
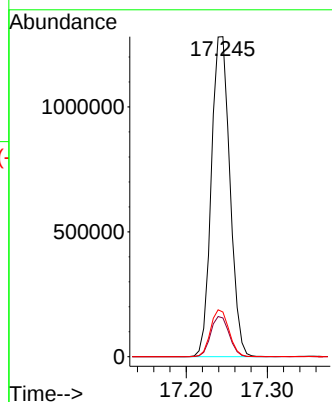
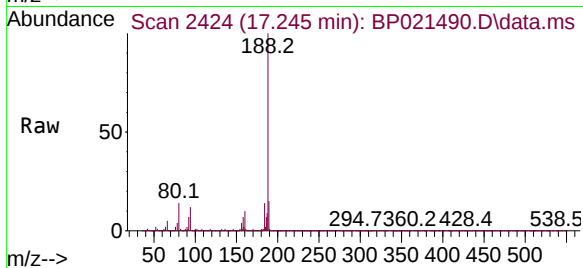




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

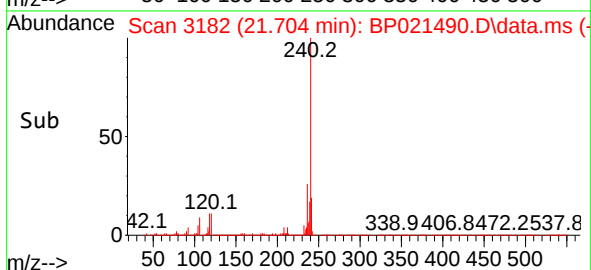
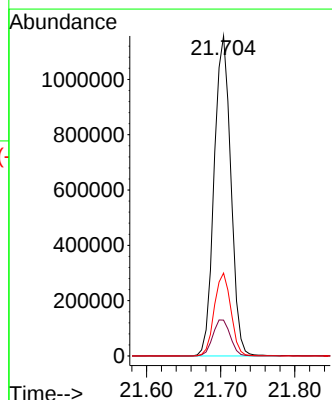
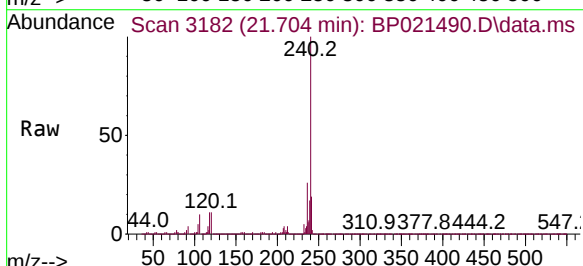
Instrument :
BNA_P
ClientSampleId :
PB162612TB

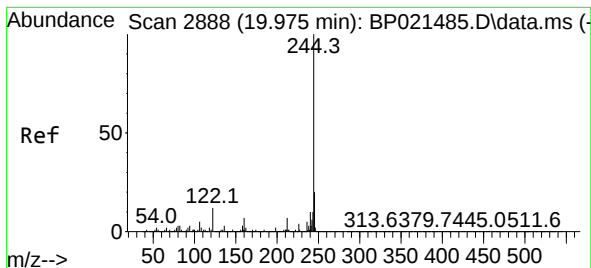
Tgt Ion:188 Resp: 2034866
Ion Ratio Lower Upper
188 100
94 12.1 10.2 15.4
80 13.9 11.6 17.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.704 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP021490.D
Acq: 13 Aug 2024 19:46

Tgt Ion:240 Resp: 1809314
Ion Ratio Lower Upper
240 100
120 11.2 9.9 14.9
236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 90.149 ng

RT: 19.974 min Scan# 21

Delta R.T. -0.001 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

Instrument :

BNA_P

ClientSampleId :

PB162612TB

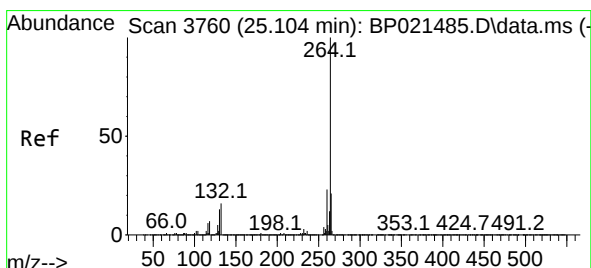
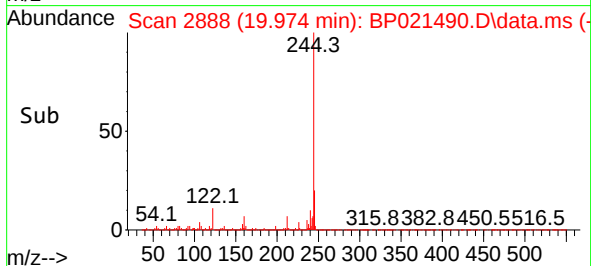
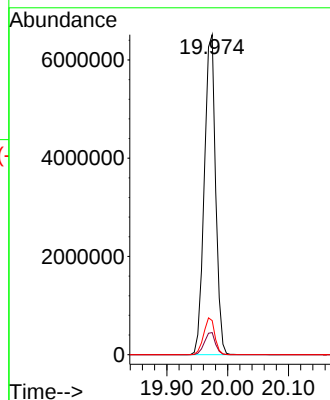
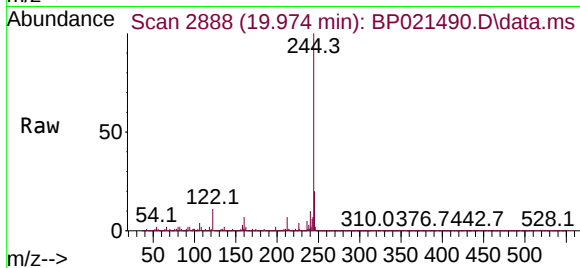
Tgt Ion:244 Resp: 8395804

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.6 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.104 min Scan# 3760

Delta R.T. -0.000 min

Lab File: BP021490.D

Acq: 13 Aug 2024 19:46

Tgt Ion:264 Resp: 2019682

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.4 17.1 25.7

