

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021524.D
 Acq On : 15 Aug 2024 22:14
 Operator : RC/JU
 Sample : P3573-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-856-J-SO-4-4.5-080924

Quant Time: Aug 16 01:31:10 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	7.804	152	358136	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1355589	20.000	ng	-0.01
39) Acenaphthene-d10	14.439	164	799134	20.000	ng	-0.02
64) Phenanthrene-d10	17.227	188	1708478	20.000	ng	-0.02
76) Chrysene-d12	21.668	240	1752728	20.000	ng	-0.03
86) Perylene-d12	25.080	264	2084362	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2055235	85.212	ng	0.00
7) Phenol-d6	6.957	99	2806081	79.754	ng	0.00
23) Nitrobenzene-d5	8.940	82	1634475	62.234	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	826474	92.924	ng	-0.03
45) 2-Fluorobiphenyl	13.057	172	2766918	52.842	ng	0.00
79) Terphenyl-d14	19.945	244	4445756	49.277	ng	-0.03

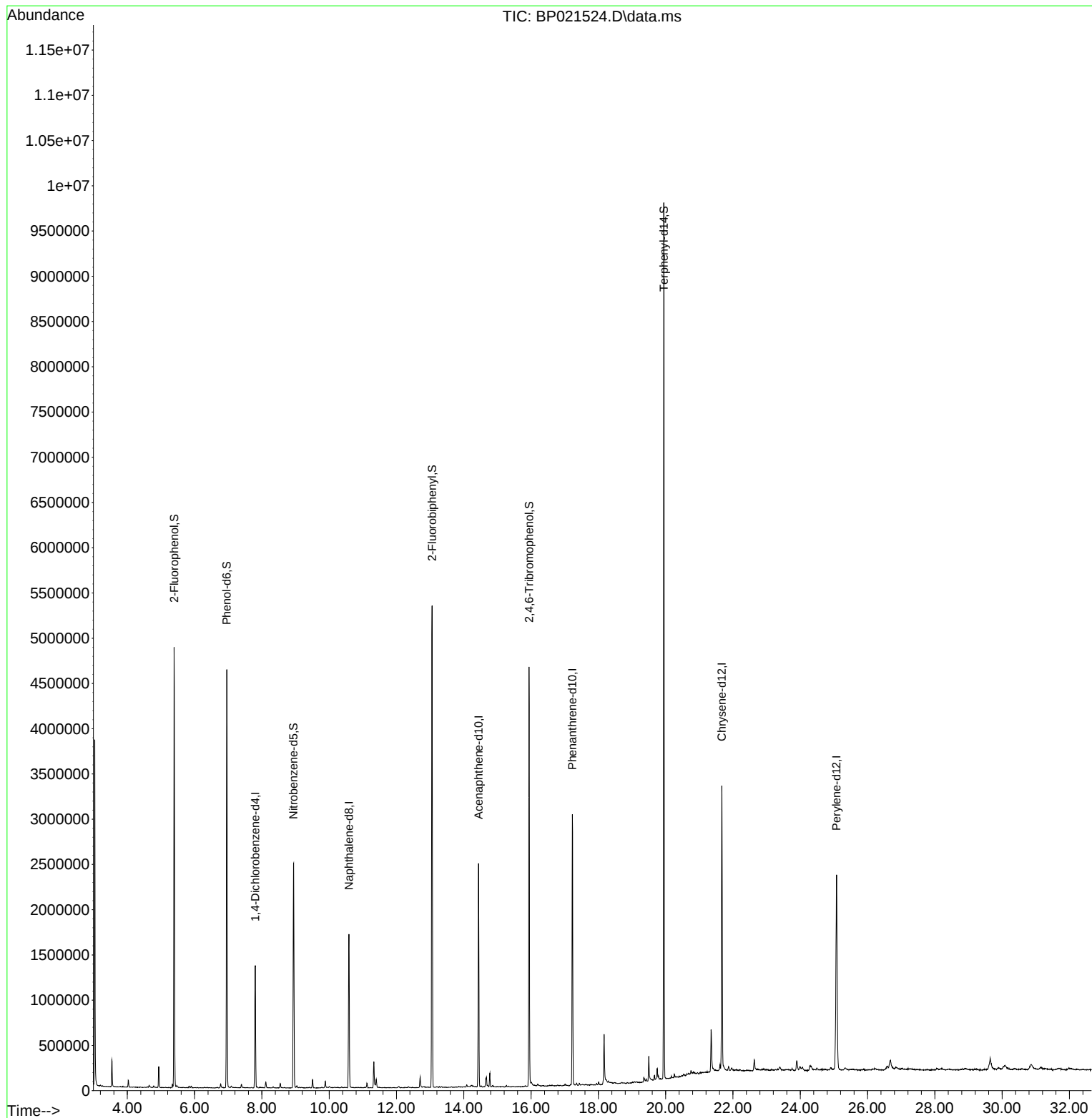
Target Compounds	Qvalue

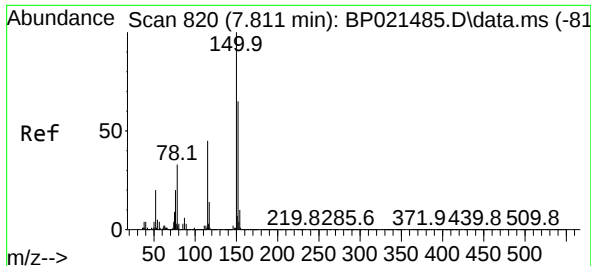
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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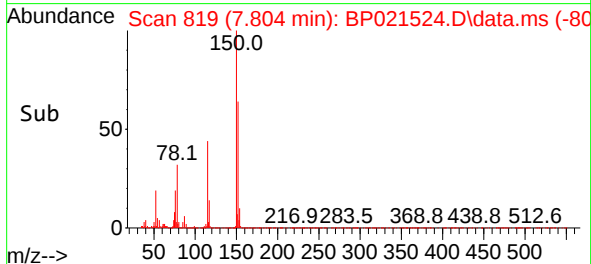
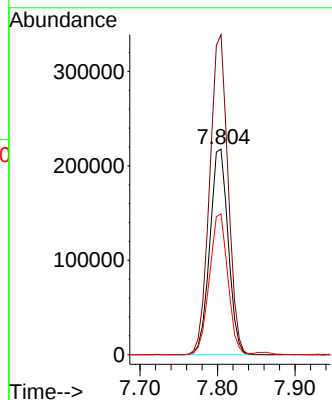
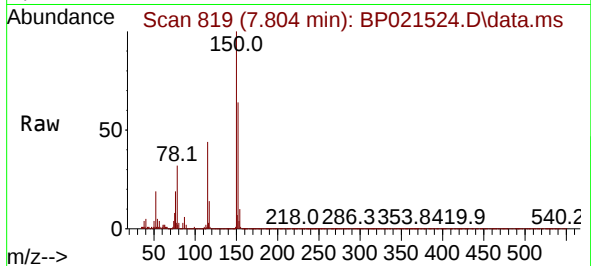




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.007 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

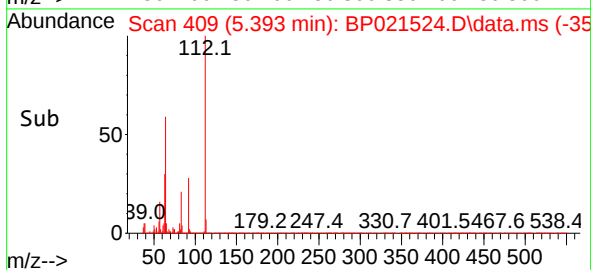
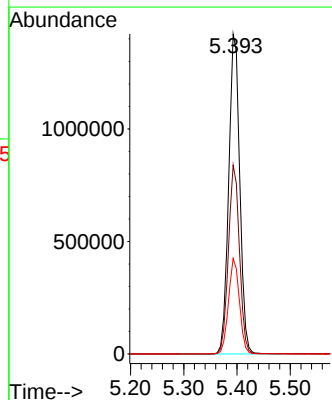
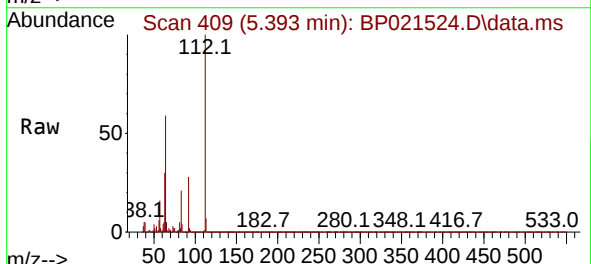
Instrument :
BNA_P
ClientSampleId :
S-856-J-SO-4-4.5-080924

Tgt Ion:152 Resp: 358136
Ion Ratio Lower Upper
152 100
150 155.6 122.4 183.6
115 68.5 54.7 82.1



#5
2-Fluorophenol
Concen: 85.212 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

Tgt Ion:112 Resp: 2055235
Ion Ratio Lower Upper
112 100
64 59.0 49.0 73.6
63 29.8 24.6 36.8



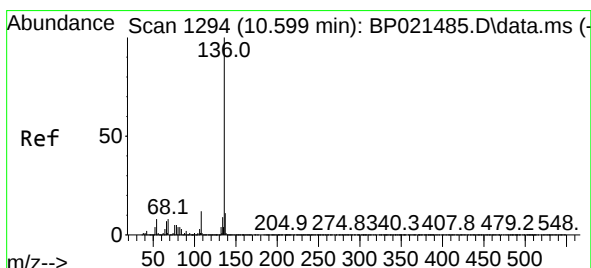
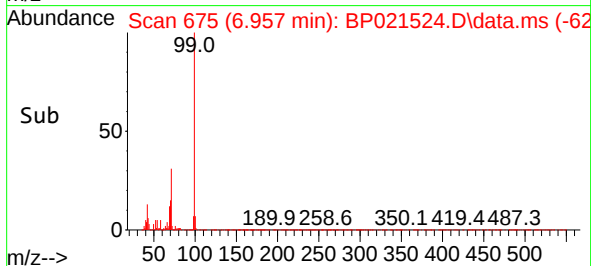
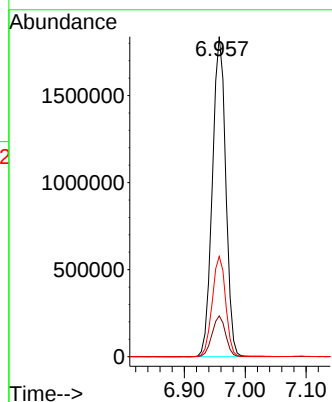
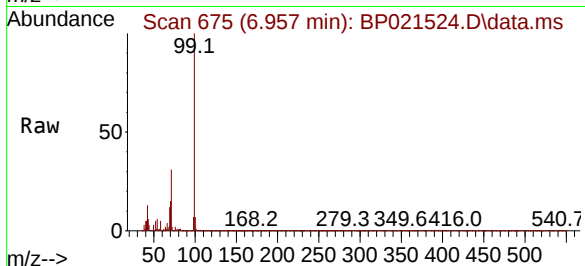


#7
Phenol-d6
Concen: 79.754 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

Instrument :
BNA_P
ClientSampleId :
S-856-J-SO-4-4.5-080924

Tgt Ion: 99 Resp: 2806081

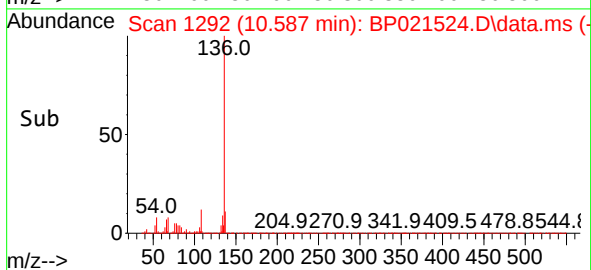
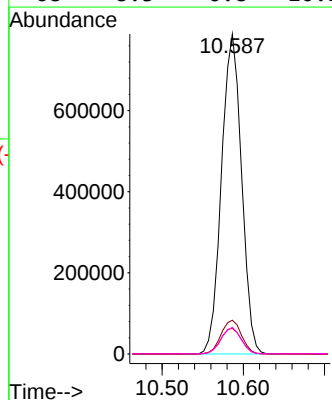
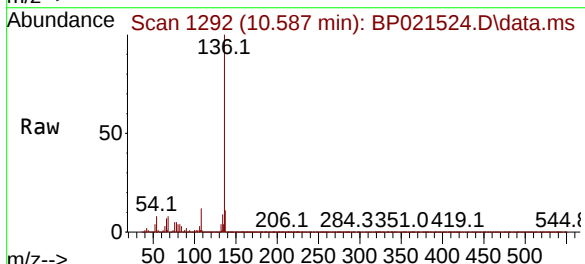
Ion	Ratio	Lower	Upper
99	100		
42	12.8	10.2	15.4
71	31.4	25.8	38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP021524.D
Acq: 15 Aug 2024 22:14

Tgt Ion: 136 Resp: 1355589

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.0	6.3	9.5
68	8.3	6.8	10.2





#23

Nitrobenzene-d5

Concen: 62.234 ng

RT: 8.940 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

Instrument :

BNA_P

ClientSampleId :

S-856-J-SO-4-4.5-080924

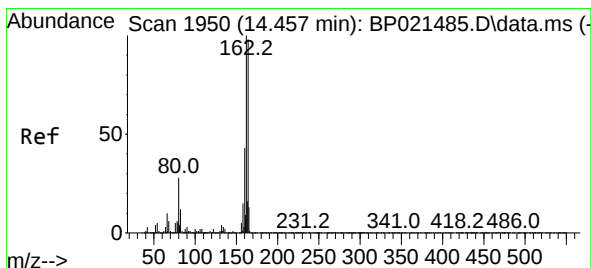
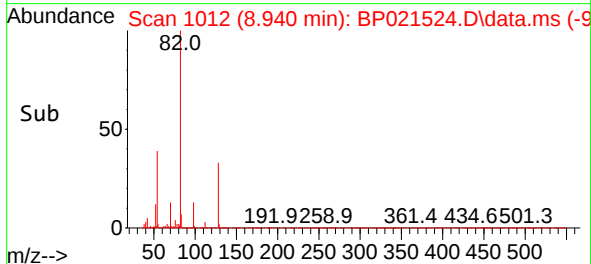
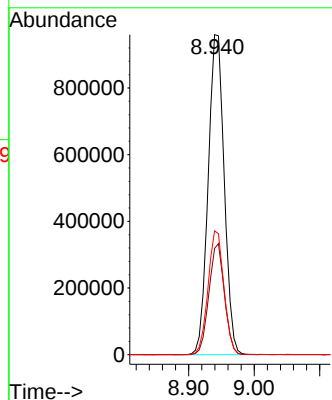
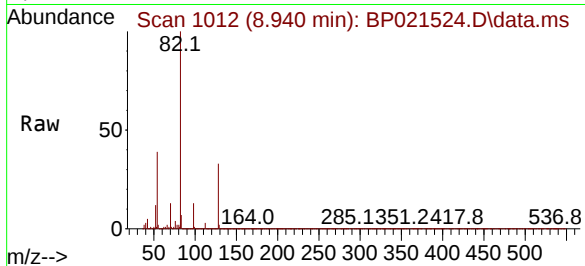
Tgt Ion: 82 Resp: 1634475

Ion Ratio Lower Upper

82 100

128 33.2 26.5 39.7

54 38.7 30.3 45.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan# 1947

Delta R.T. -0.018 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

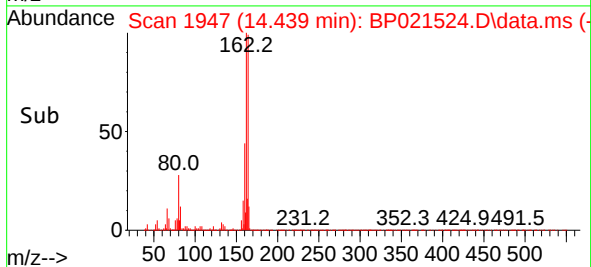
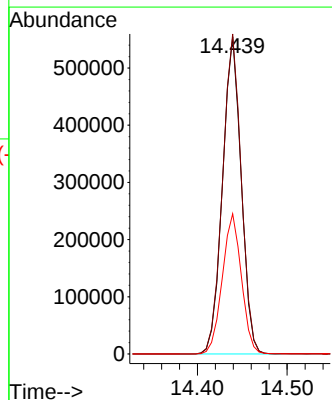
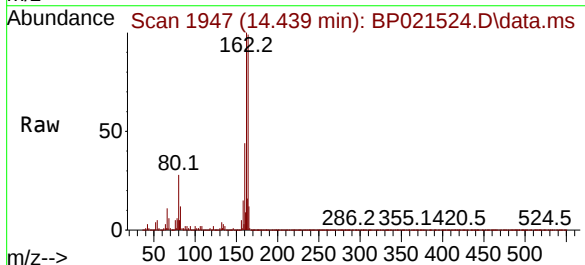
Tgt Ion:164 Resp: 799134

Ion Ratio Lower Upper

164 100

162 100.8 81.5 122.3

160 44.2 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 92.924 ng

RT: 15.939 min Scan# 21

Delta R.T. -0.030 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

Instrument :

BNA_P

ClientSampleId :

S-856-J-SO-4-4.5-080924

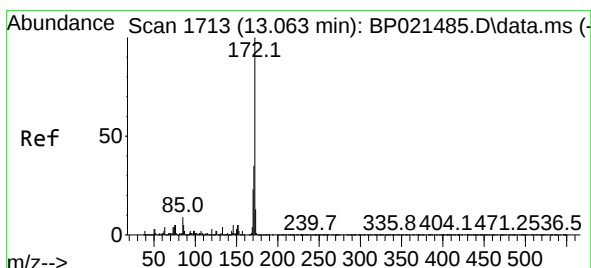
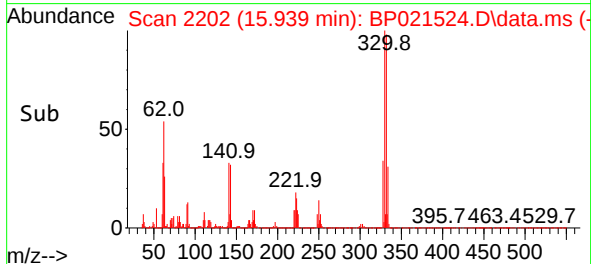
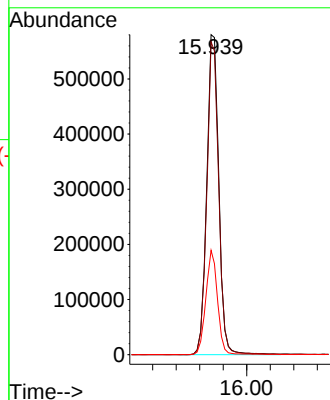
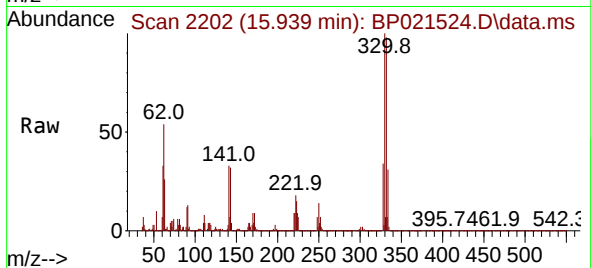
Tgt Ion:330 Resp: 826474

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

141 31.6 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 52.842 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

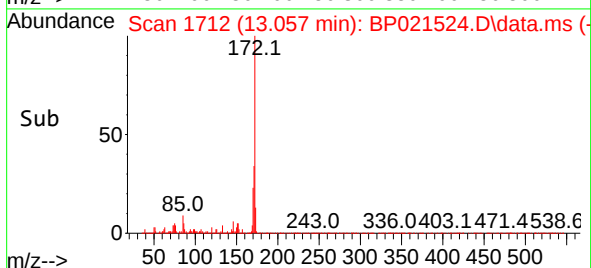
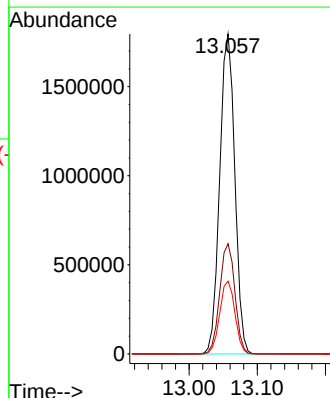
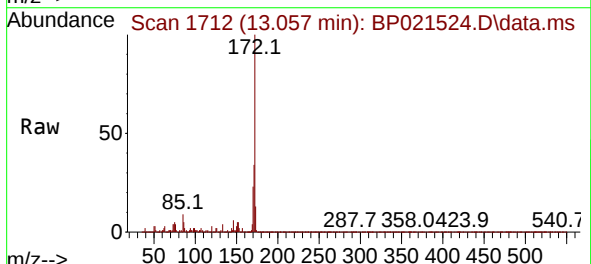
Tgt Ion:172 Resp: 2766918

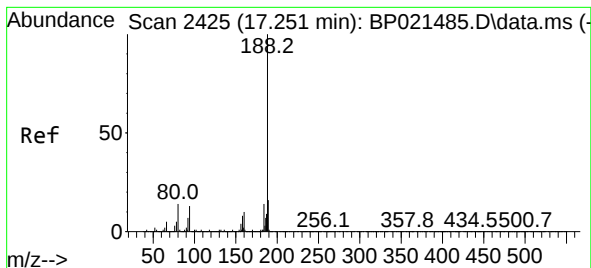
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 22.8 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2421

Delta R.T. -0.024 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

Instrument :

BNA_P

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S-856-J-SO-4-4.5-080924

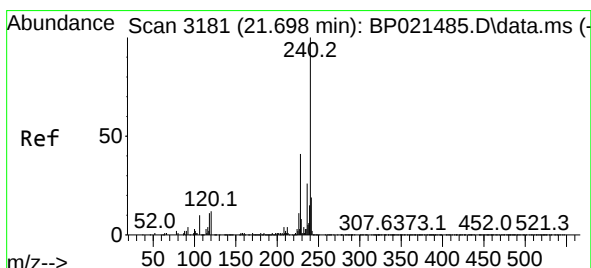
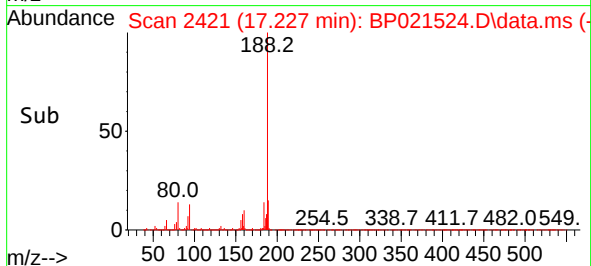
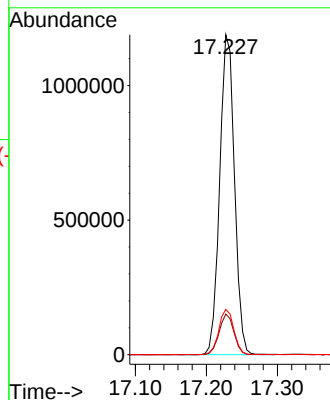
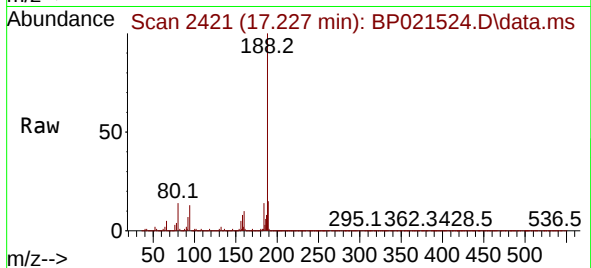
Tgt Ion:188 Resp: 1708478

Ion Ratio Lower Upper

188 100

94 12.7 10.2 15.4

80 14.1 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.668 min Scan# 3176

Delta R.T. -0.030 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

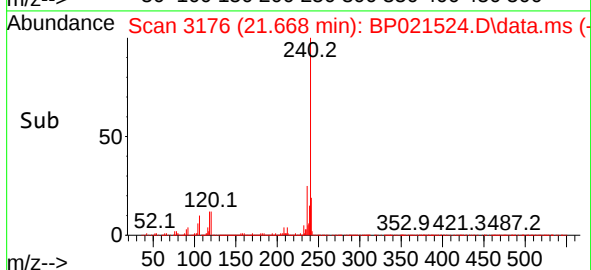
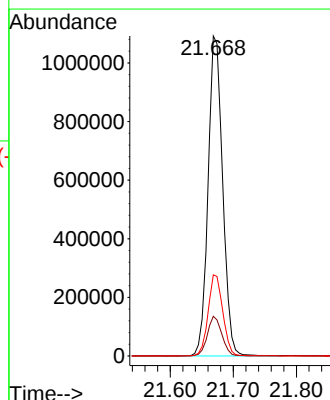
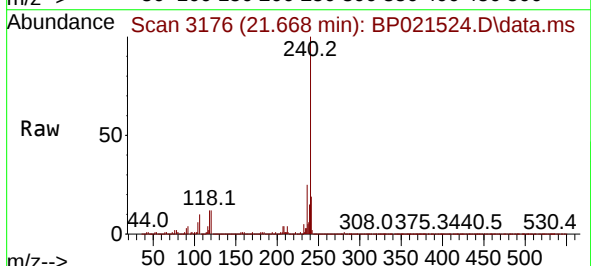
Tgt Ion:240 Resp: 1752728

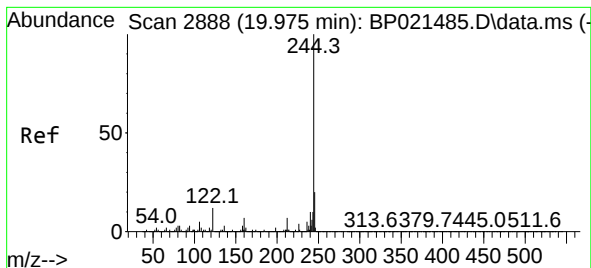
Ion Ratio Lower Upper

240 100

120 12.4 9.9 14.9

236 25.3 20.6 30.8





#79

Terphenyl-d14

Concen: 49.277 ng

RT: 19.945 min Scan# 21

Delta R.T. -0.030 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

Instrument :

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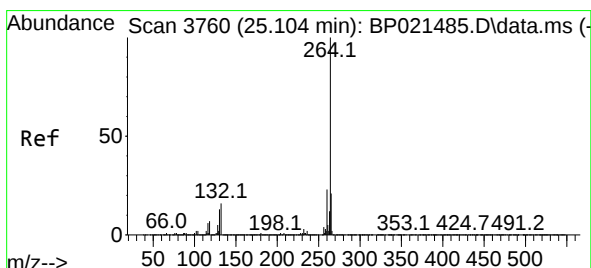
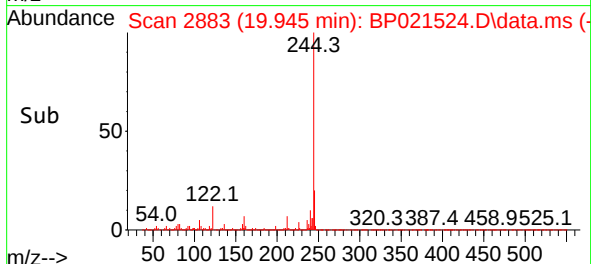
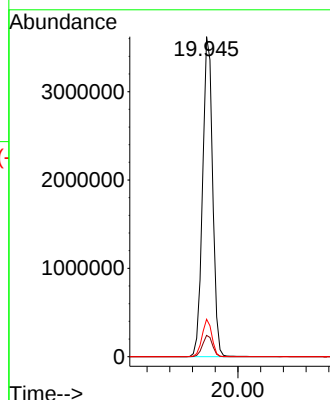
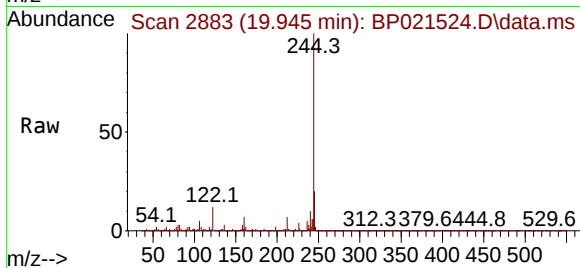
Tgt Ion:244 Resp: 4445756

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.7 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.080 min Scan# 3756

Delta R.T. -0.024 min

Lab File: BP021524.D

Acq: 15 Aug 2024 22:14

Tgt Ion:264 Resp: 2084362

Ion Ratio Lower Upper

264 100

260 22.7 18.6 28.0

265 21.2 17.1 25.7

