

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021521.D
 Acq On : 15 Aug 2024 20:03
 Operator : RC/JU
 Sample : P3582-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-855-J-SO-2-2.5-081224

Quant Time: Aug 16 01:30:04 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)

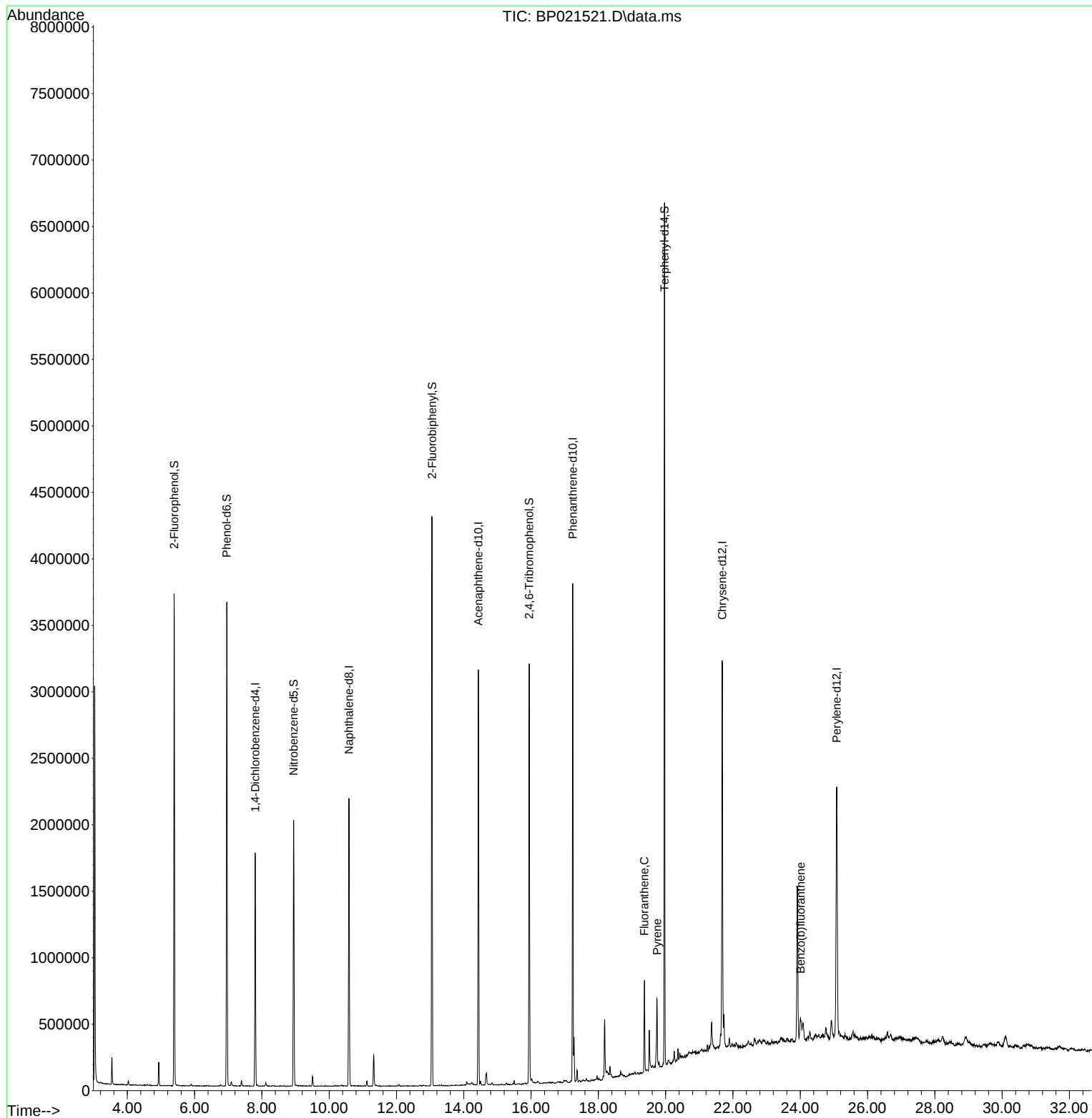
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	453384	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1736047	20.000	ng	-0.01
39) Acenaphthene-d10	14.433	164	1029408	20.000	ng	-0.02
64) Phenanthrene-d10	17.239	188	2067651	20.000	ng	-0.01
76) Chrysene-d12	21.686	240	1602932	20.000	ng	-0.01
86) Perylene-d12	25.086	264	1836958	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1617370	52.970	ng	0.00
7) Phenol-d6	6.957	99	2229498	50.054	ng	0.00
23) Nitrobenzene-d5	8.945	82	1269981	37.758	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	598899	52.274	ng	-0.02
45) 2-Fluorobiphenyl	13.057	172	2223844	32.970	ng	0.00
79) Terphenyl-d14	19.968	244	3095498	37.517	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.368	202	399919	3.278	ng	99
78) Pyrene	19.745	202	332060	3.169	ng	99
88) Benzo(b)fluoranthene	24.009	252	225420	2.137	ng	# 96

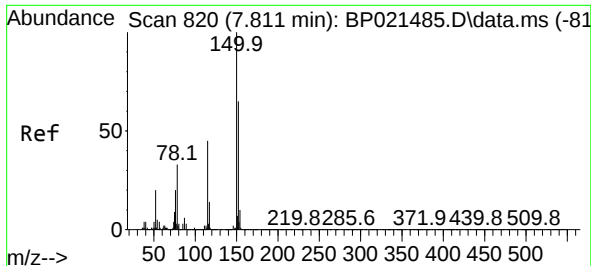
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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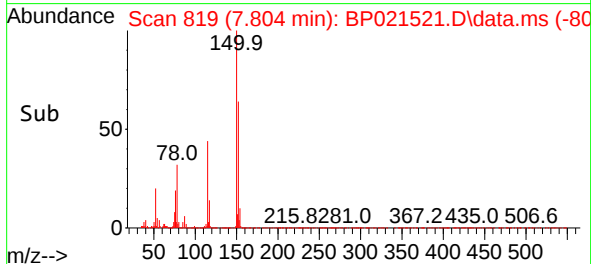
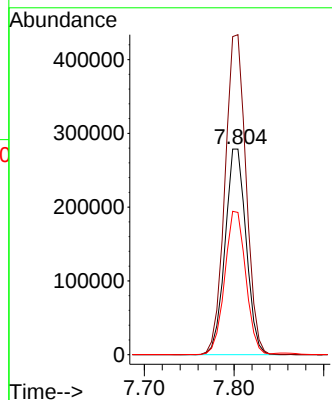
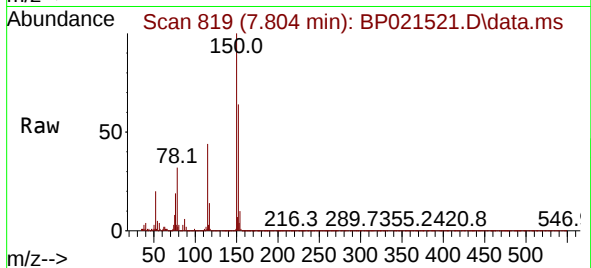




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.007 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

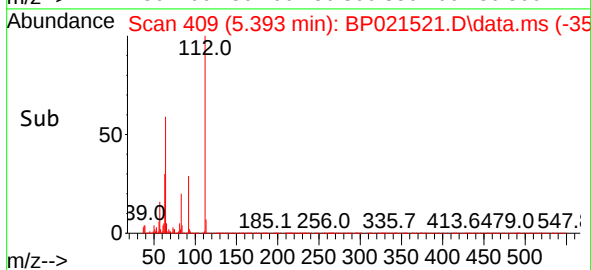
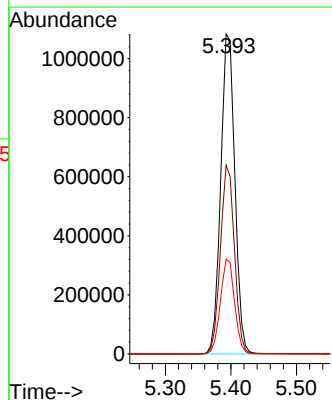
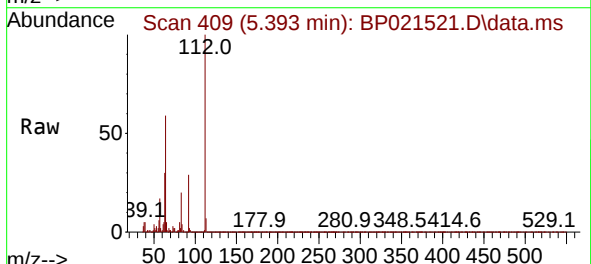
Instrument :
BNA_P
ClientSampleId :
S-855-J-SO-2-2.5-081224

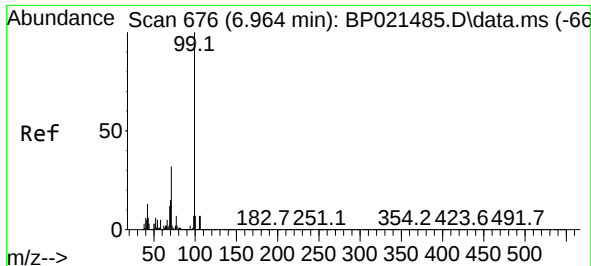
Tgt Ion:152 Resp: 453384
Ion Ratio Lower Upper
152 100
150 155.6 122.4 183.6
115 69.2 54.7 82.1



#5
2-Fluorophenol
Concen: 52.970 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

Tgt Ion:112 Resp: 1617370
Ion Ratio Lower Upper
112 100
64 59.0 49.0 73.6
63 29.6 24.6 36.8





#7

Phenol-d6

Concen: 50.054 ng

RT: 6.957 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

Instrument :

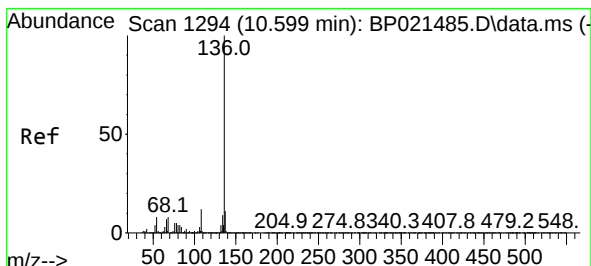
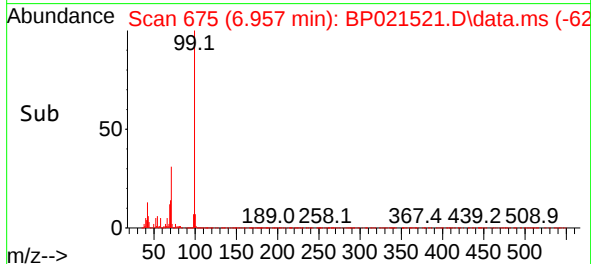
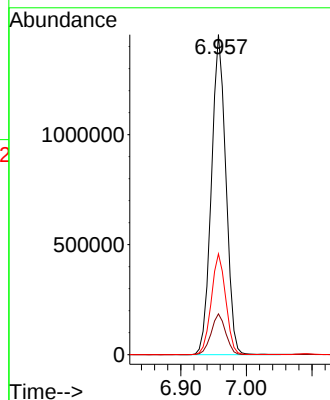
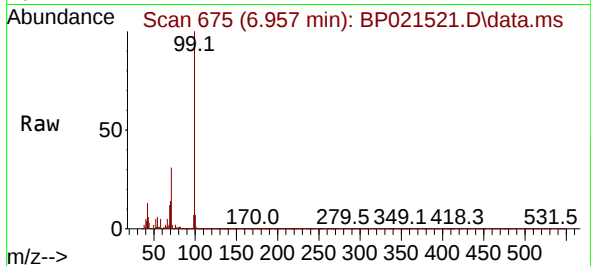
BNA_P

ClientSampleId :

S-855-J-SO-2-2.5-081224

Tgt Ion: 99 Resp: 2229498

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: 10.587 min Scan# 1292

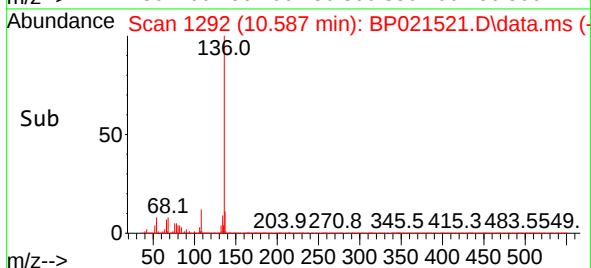
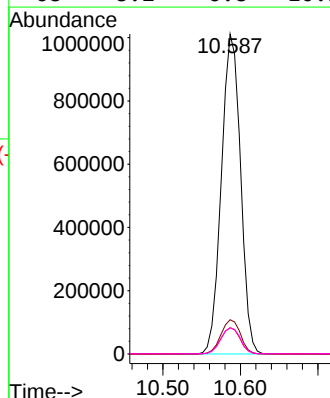
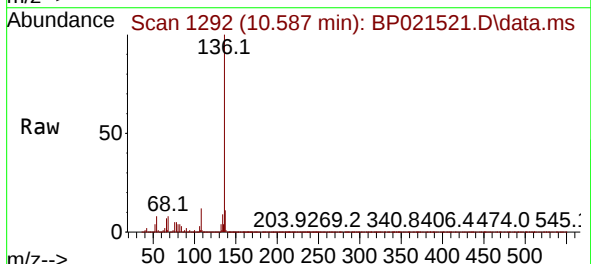
Delta R.T. -0.012 min

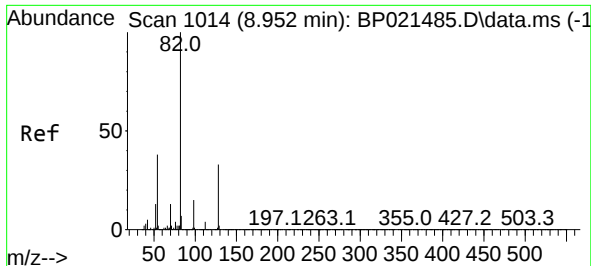
Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

Tgt Ion: 136 Resp: 1736047

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.2	6.3	9.5
68	8.2	6.8	10.2





#23

Nitrobenzene-d5

Concen: 37.758 ng

RT: 8.945 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

Instrument :

BNA_P

ClientSampleId :

S-855-J-SO-2-2.5-081224

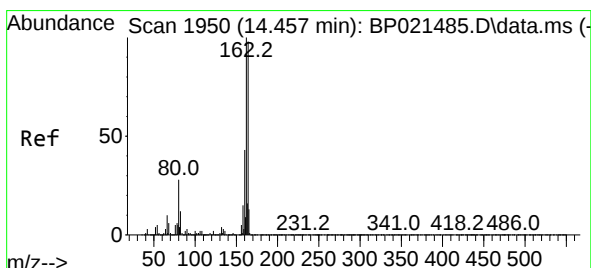
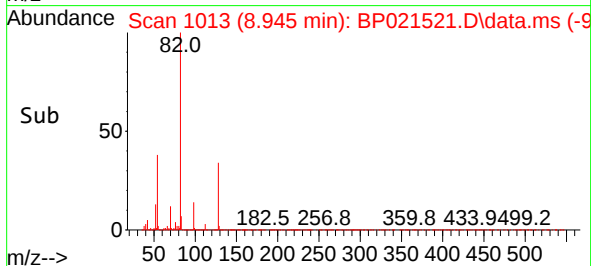
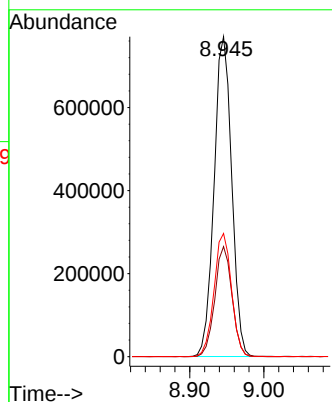
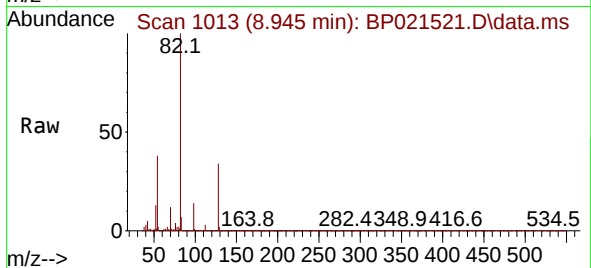
Tgt Ion: 82 Resp: 1269981

Ion Ratio Lower Upper

82 100

128 34.4 26.5 39.7

54 38.5 30.3 45.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.433 min Scan# 1946

Delta R.T. -0.024 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

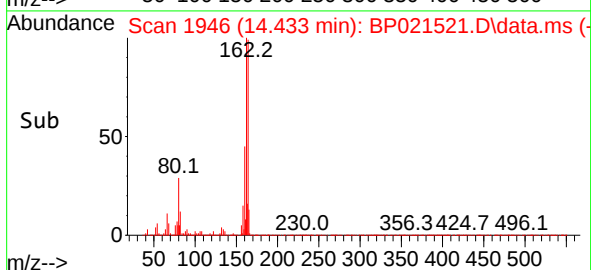
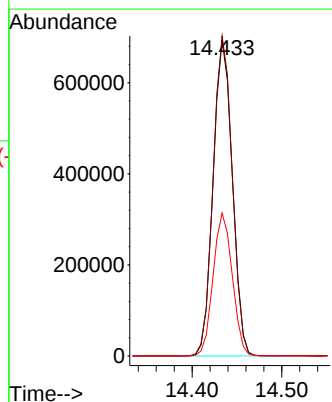
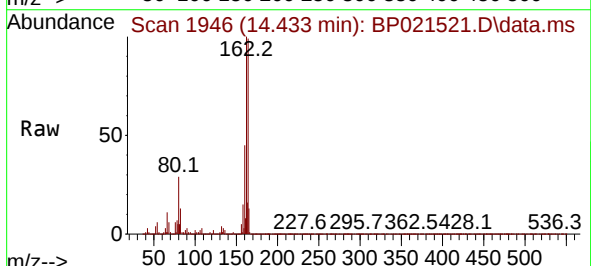
Tgt Ion:164 Resp: 1029408

Ion Ratio Lower Upper

164 100

162 101.3 81.5 122.3

160 45.2 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 52.274 ng

RT: 15.945 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

Instrument :

BNA_P

ClientSampleId :

S-855-J-SO-2-2.5-081224

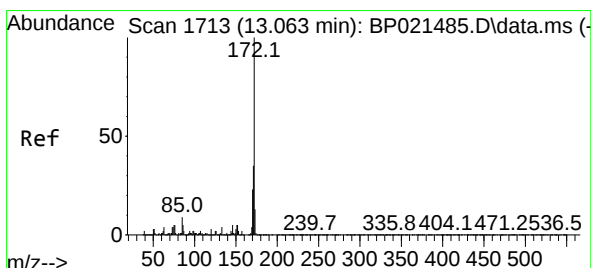
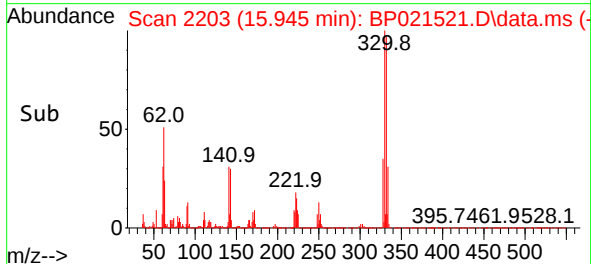
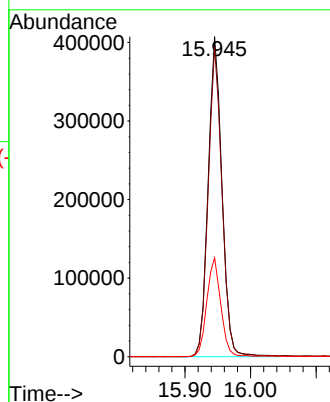
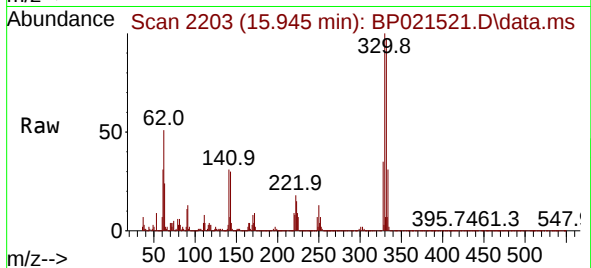
Tgt Ion:330 Resp: 598899

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 31.1 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 32.970 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

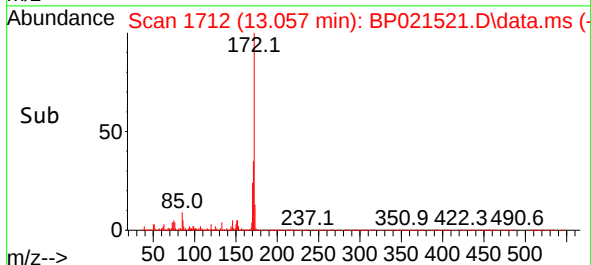
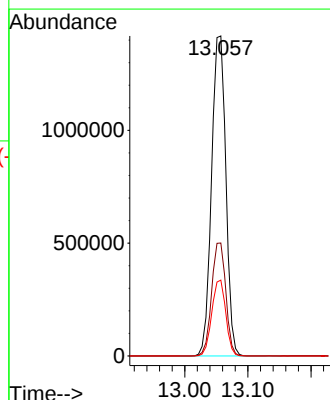
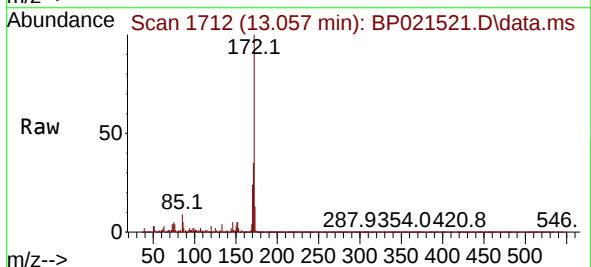
Tgt Ion:172 Resp: 2223844

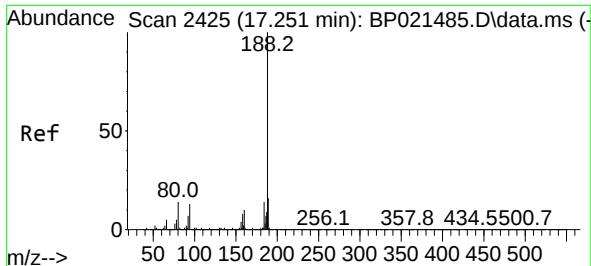
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.7 18.4 27.6

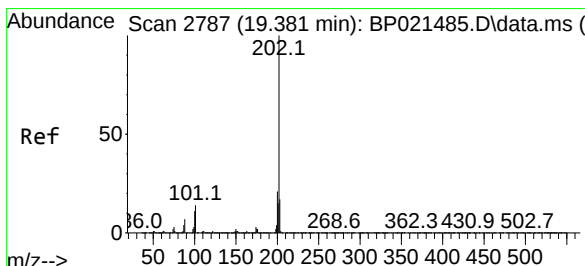
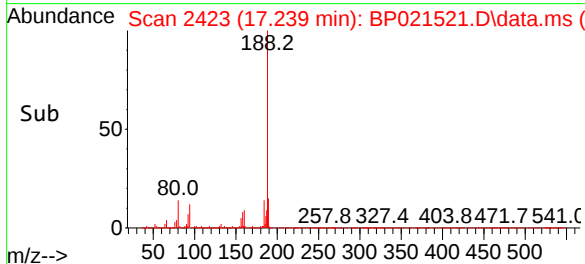
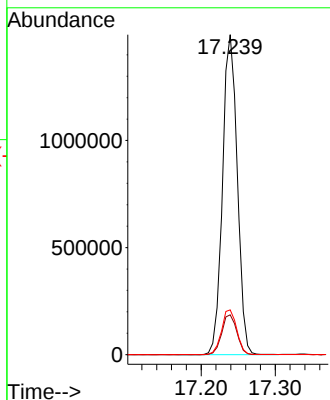
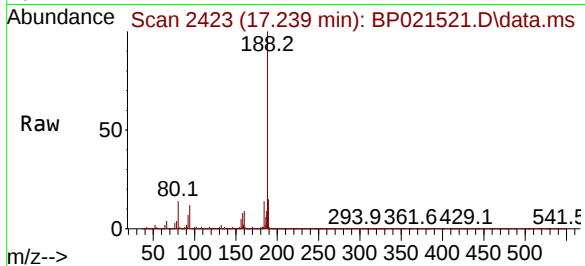




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

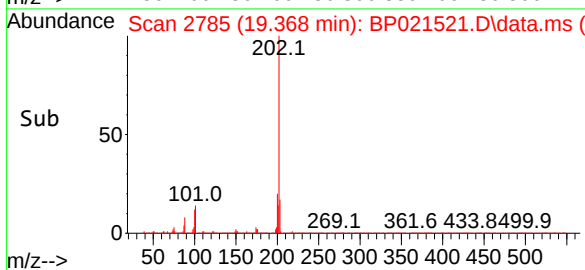
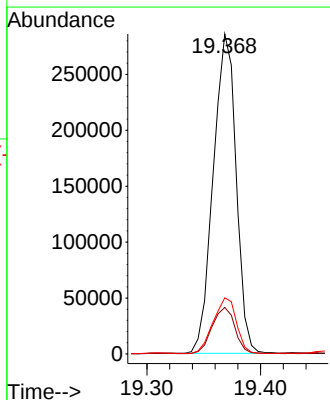
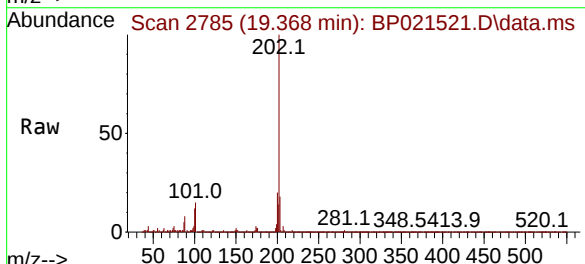
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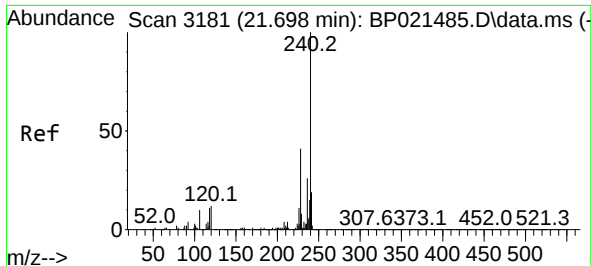
Tgt Ion:188 Resp: 2067651
Ion Ratio Lower Upper
188 100
94 12.4 10.2 15.4
80 14.0 11.6 17.4



#75
Fluoranthene
Concen: 3.278 ng
RT: 19.368 min Scan# 2785
Delta R.T. -0.012 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

Tgt Ion:202 Resp: 399919
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.0
203 17.5 0.0 37.5

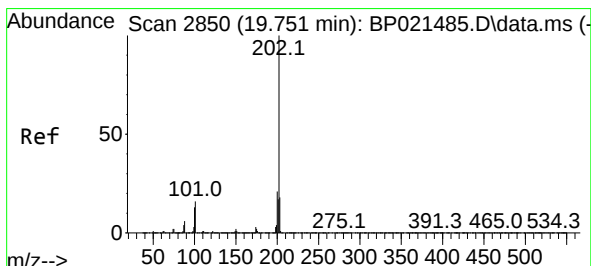
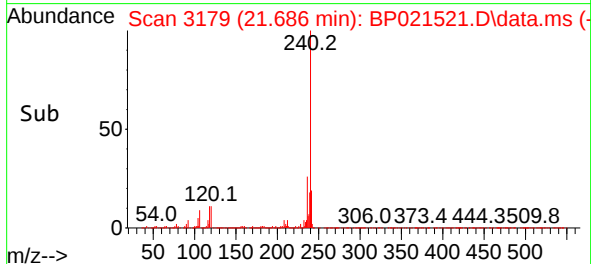
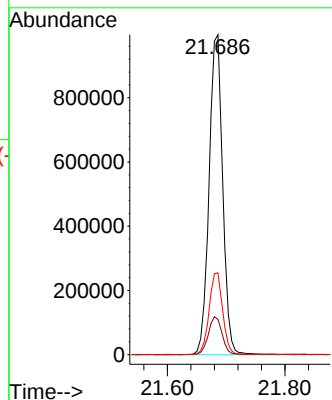
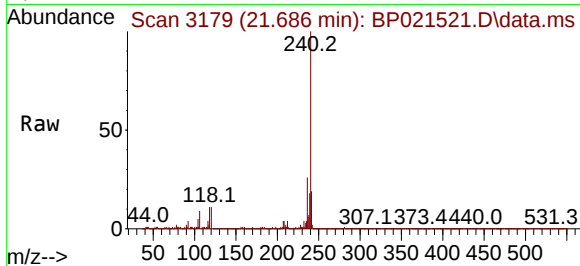




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.686 min Scan# 3181
Delta R.T. -0.012 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

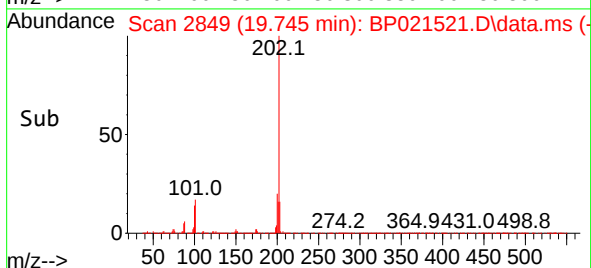
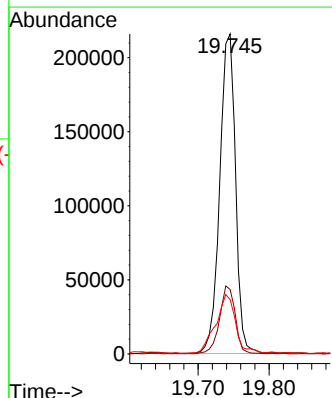
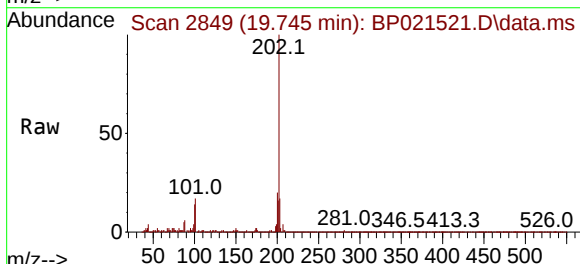
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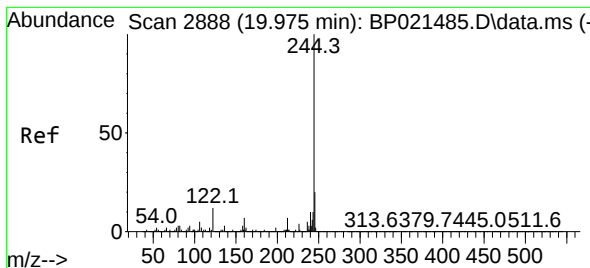
Tgt Ion:240 Resp: 1602932
Ion Ratio Lower Upper
240 100
120 11.1 9.9 14.9
236 25.6 20.6 30.8



#78
Pyrene
Concen: 3.169 ng
RT: 19.745 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP021521.D
Acq: 15 Aug 2024 20:03

Tgt Ion:202 Resp: 332060
Ion Ratio Lower Upper
202 100
200 20.2 16.7 25.1
203 17.0 14.1 21.1





#79

Terphenyl-d14

Concen: 37.517 ng

RT: 19.968 min Scan# 21

Delta R.T. -0.007 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

Instrument :

BNA_P

ClientSampleId :

S-855-J-SO-2-2.5-081224

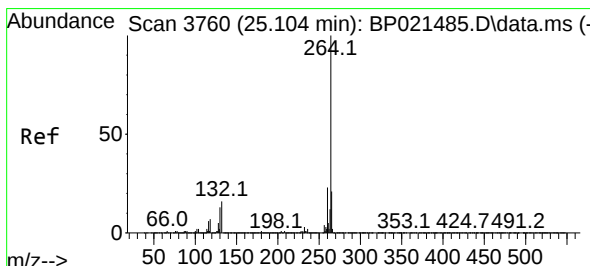
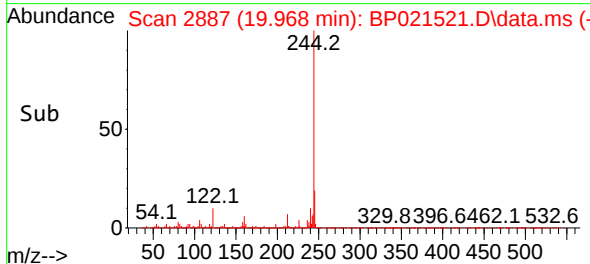
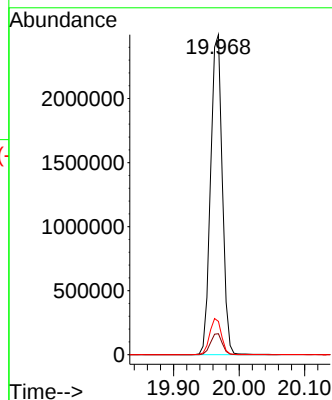
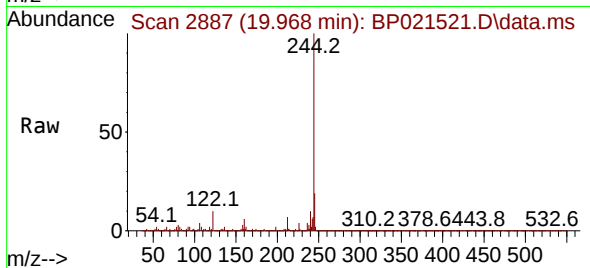
Tgt Ion:244 Resp: 3095498

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 10.4 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.086 min Scan# 3757

Delta R.T. -0.018 min

Lab File: BP021521.D

Acq: 15 Aug 2024 20:03

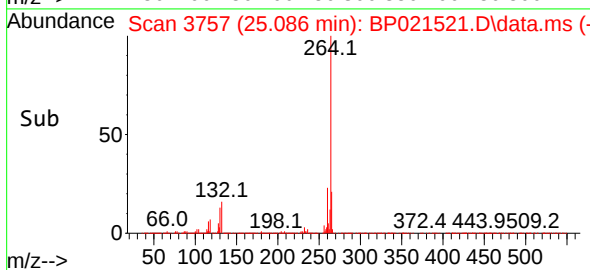
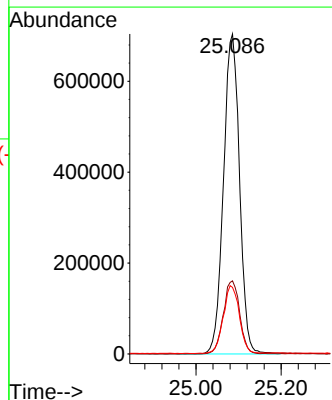
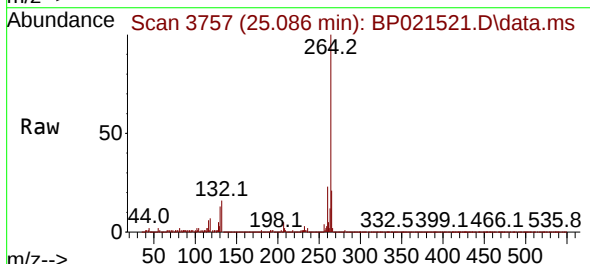
Tgt Ion:264 Resp: 1836958

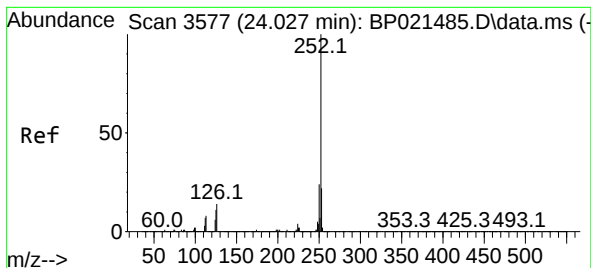
Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 20.8 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 2.137 ng

RT: 24.009 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP021521.D

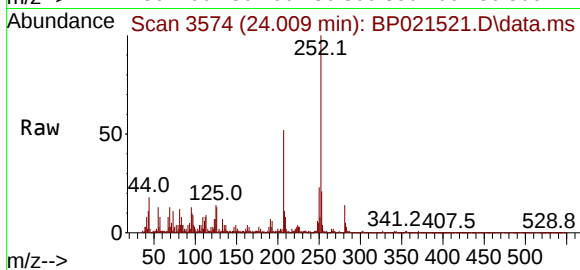
Acq: 15 Aug 2024 20:03

Instrument :

BNA_P

ClientSampleId :

S-855-J-SO-2-2.5-081224



Tgt Ion:252 Resp: 225420

Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

125 13.8 8.6 13.0#

