

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021556.D
 Acq On : 19 Aug 2024 16:43
 Operator : RC/JU
 Sample : P3518-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724

Quant Time: Aug 19 17:11:38 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)

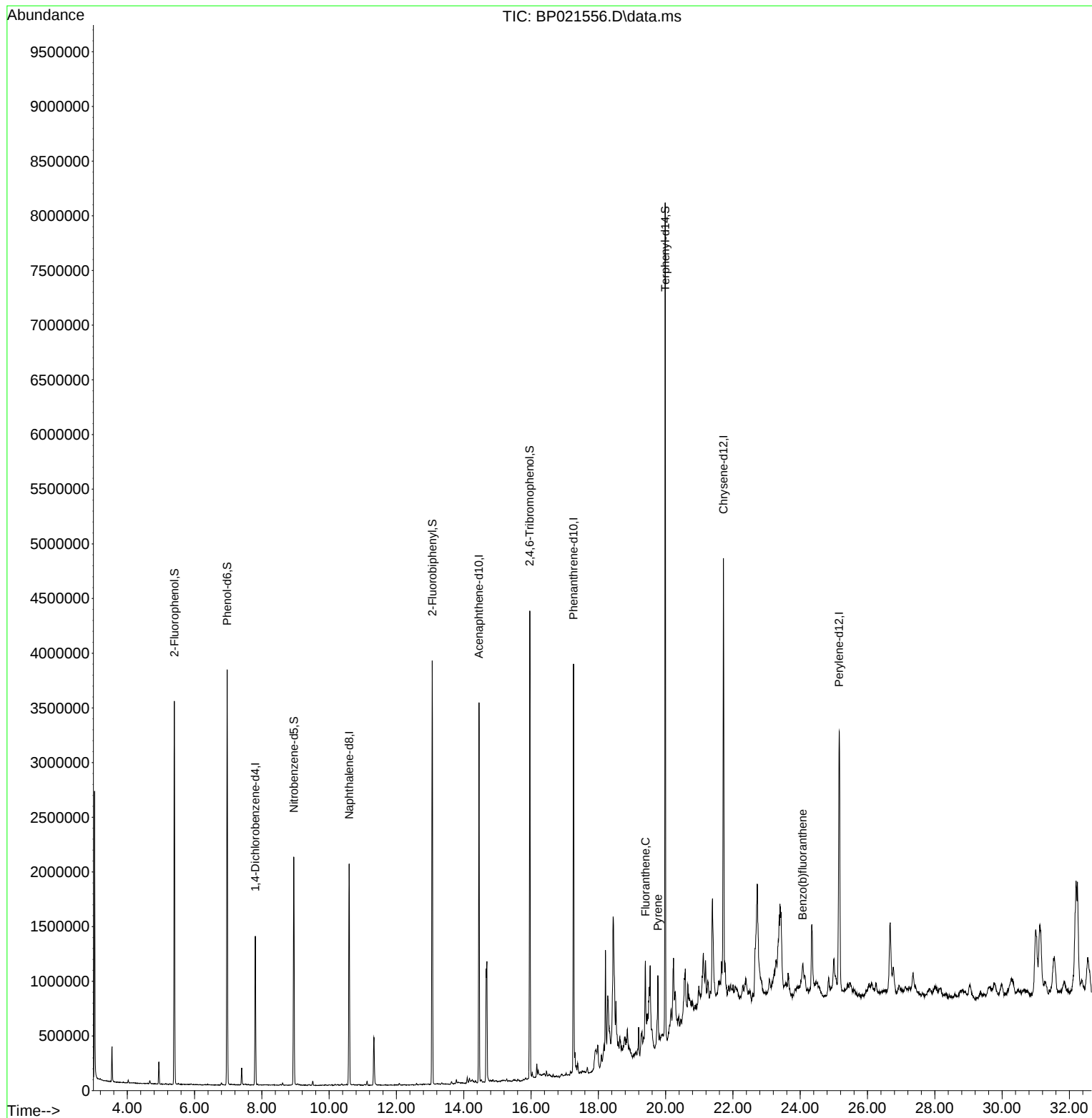
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	372995	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1605081	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1084749	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2315035	20.000	ng	0.01
76) Chrysene-d12	21.716	240	2104646	20.000	ng	0.02
86) Perylene-d12	25.157	264	2446205	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1644036	65.448	ng	0.00
7) Phenol-d6	6.969	99	2432126	66.372	ng	0.00
23) Nitrobenzene-d5	8.952	82	1365834	43.921	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	869203	71.997	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2137492	30.073	ng	0.00
79) Terphenyl-d14	19.986	244	3652068	33.711	ng	0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.398	202	368719	2.699	ng	99
78) Pyrene	19.769	202	325477	2.366	ng	100
88) Benzo(b)fluoranthene	24.069	252	300432	2.138	ng	# 94

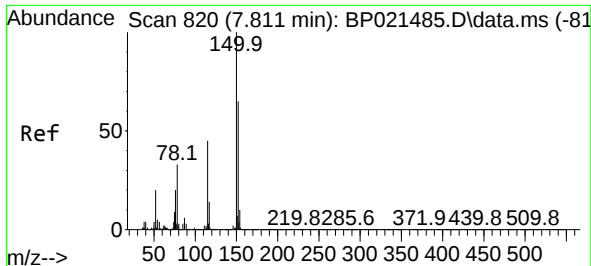
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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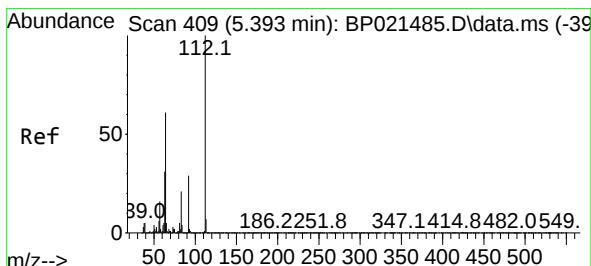
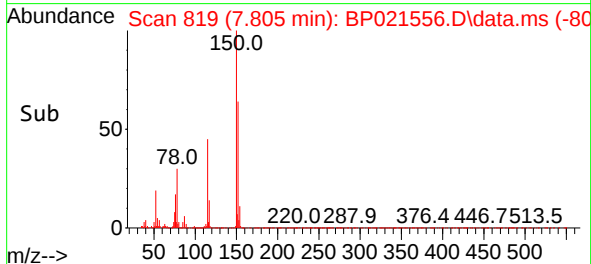
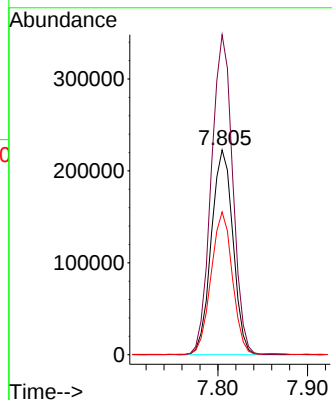
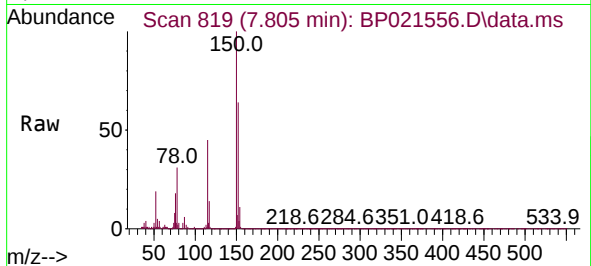




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021556.D
Acq: 19 Aug 2024 16:43

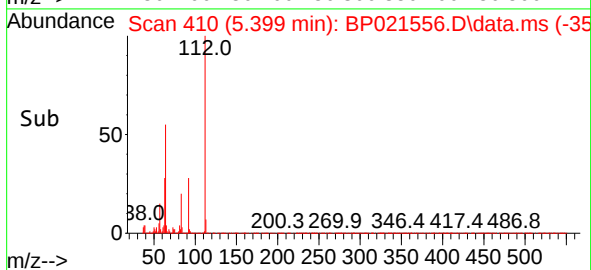
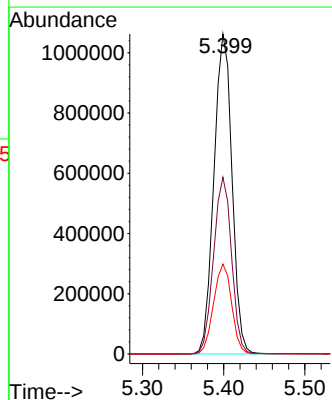
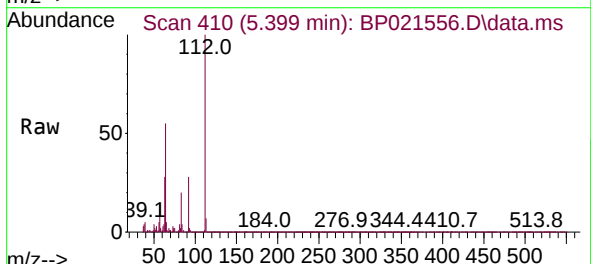
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724

Tgt Ion:152 Resp: 372995
Ion Ratio Lower Upper
152 100
150 156.2 122.4 183.6
115 69.7 54.7 82.1



#5
2-Fluorophenol
Concen: 65.448 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021556.D
Acq: 19 Aug 2024 16:43

Tgt Ion:112 Resp: 1644036
Ion Ratio Lower Upper
112 100
64 55.2 49.0 73.6
63 28.1 24.6 36.8



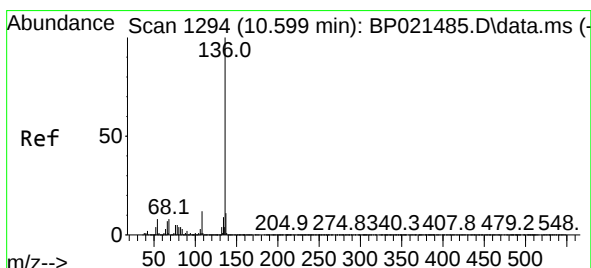
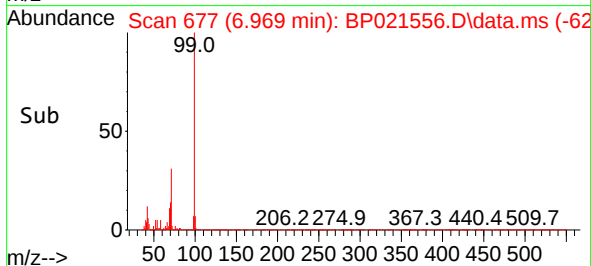
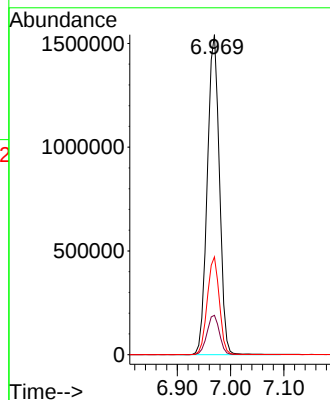
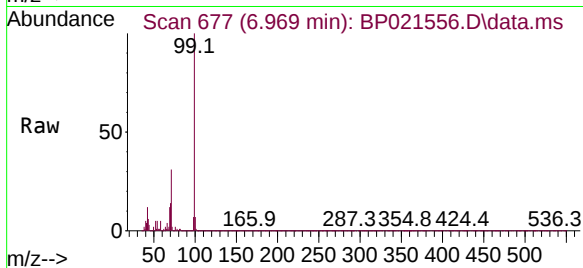


#7
Phenol-d6
Concen: 66.372 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021556.D
Acq: 19 Aug 2024 16:43

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724

Tgt Ion: 99 Resp: 2432126

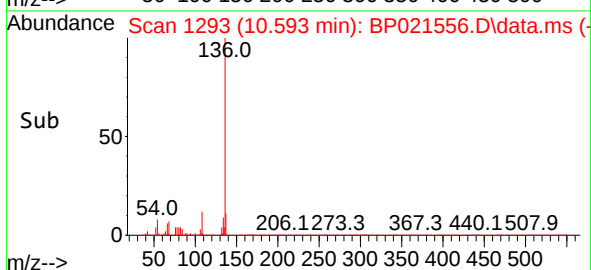
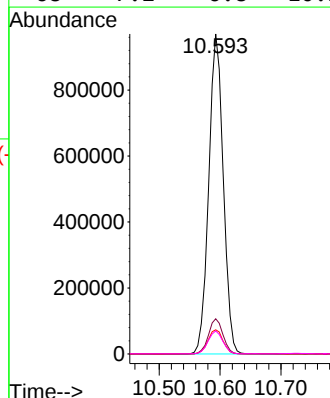
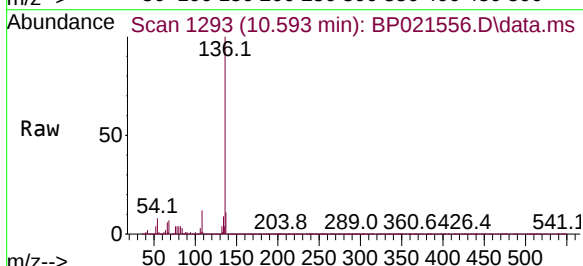
Ion	Ratio	Lower	Upper
99	100		
42	12.3	10.2	15.4
71	30.5	25.8	38.8

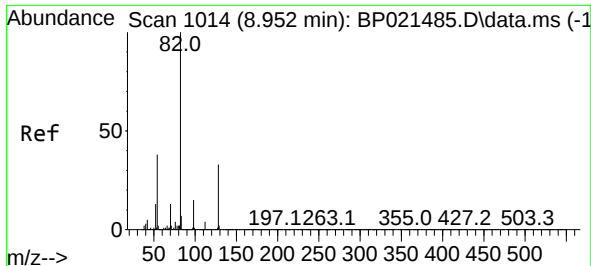


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021556.D
Acq: 19 Aug 2024 16:43

Tgt Ion:136 Resp: 1605081

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	6.3	9.5
68	7.2	6.8	10.2

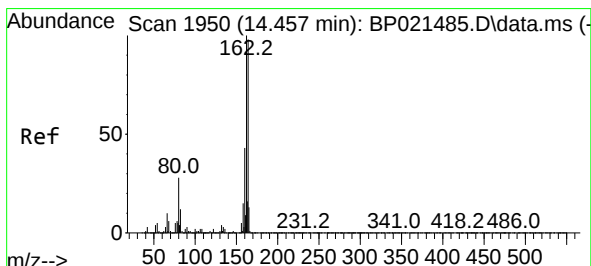
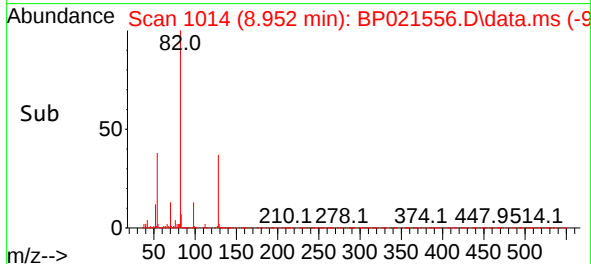
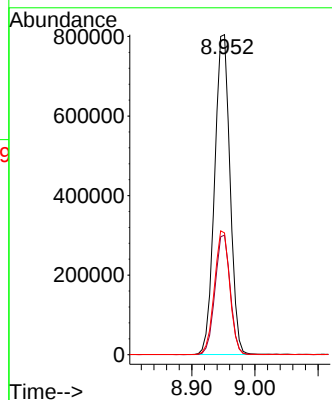
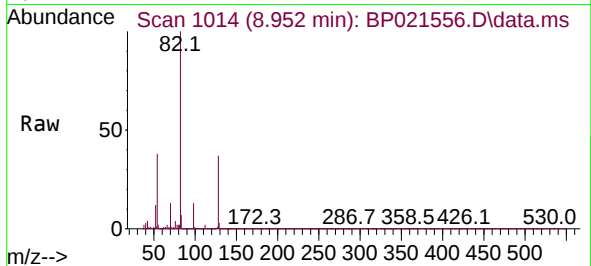




#23
Nitrobenzene-d5
Concen: 43.921 ng
RT: 8.952 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BP021556.D
Acq: 19 Aug 2024 16:43

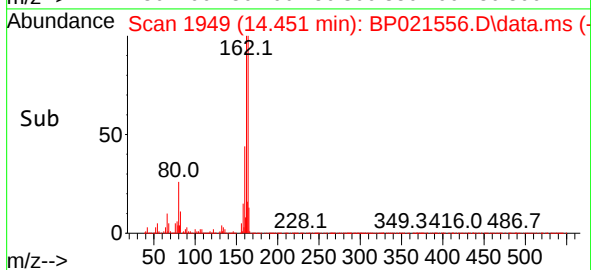
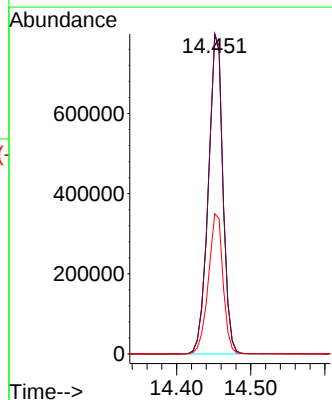
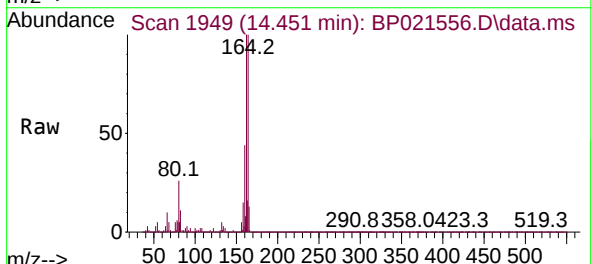
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724

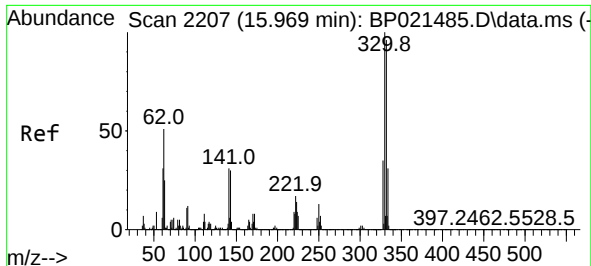
Tgt Ion: 82 Resp: 1365834
Ion Ratio Lower Upper
82 100
128 37.4 26.5 39.7
54 38.1 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021556.D
Acq: 19 Aug 2024 16:43

Tgt Ion:164 Resp: 1084749
Ion Ratio Lower Upper
164 100
162 100.1 81.5 122.3
160 43.8 35.2 52.8

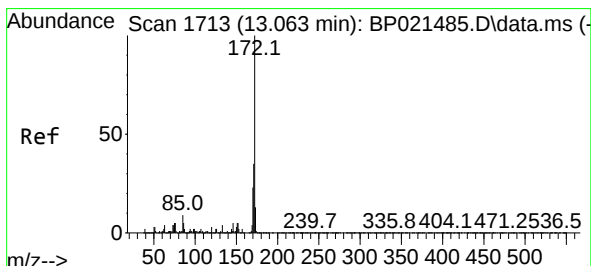
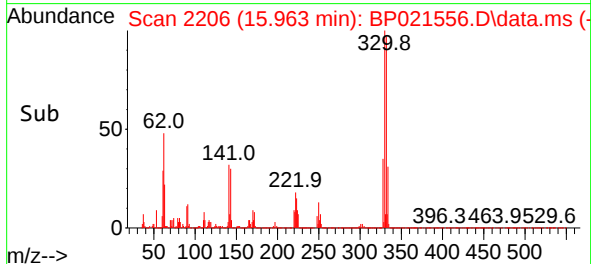
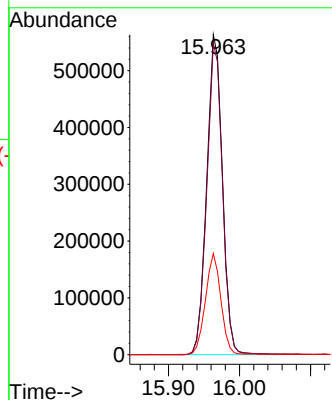
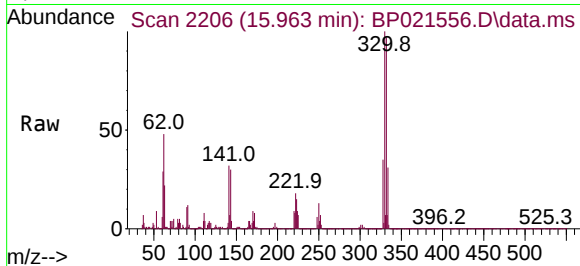




#42
2,4,6-Tribromophenol
Concen: 71.997 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021556.D
Acq: 19 Aug 2024 16:43

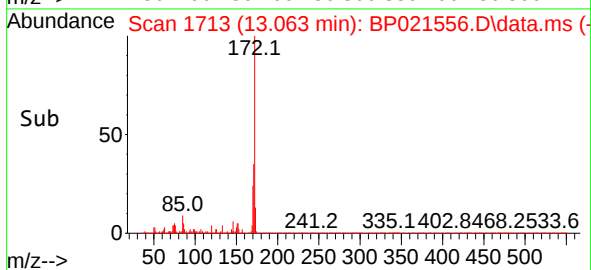
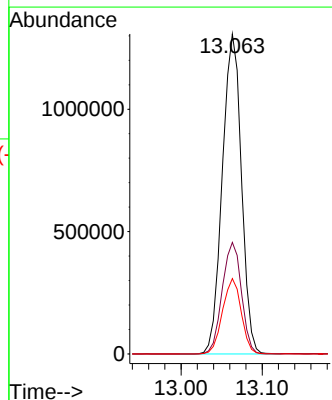
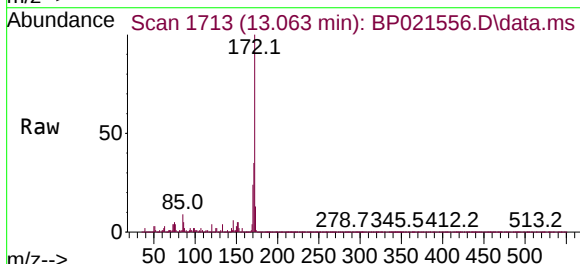
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724

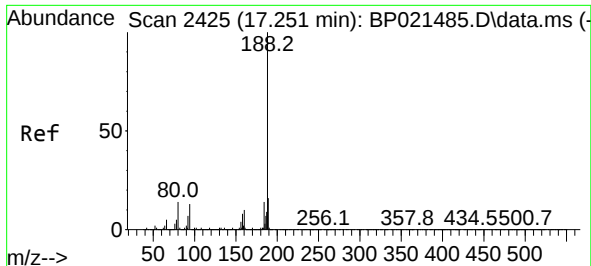
Tgt Ion:330 Resp: 869203
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 31.0 24.5 36.7



#45
2-Fluorobiphenyl
Concen: 30.073 ng
RT: 13.063 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP021556.D
Acq: 19 Aug 2024 16:43

Tgt Ion:172 Resp: 2137492
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.5 18.4 27.6

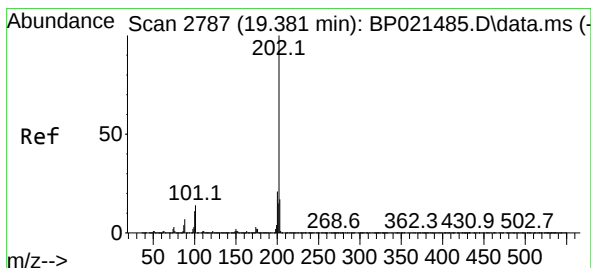
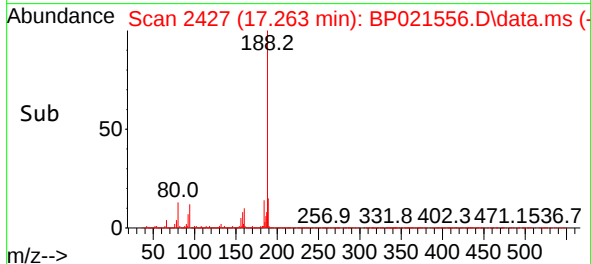
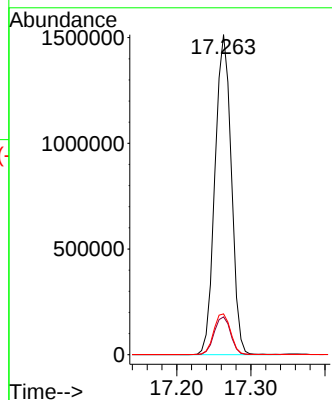
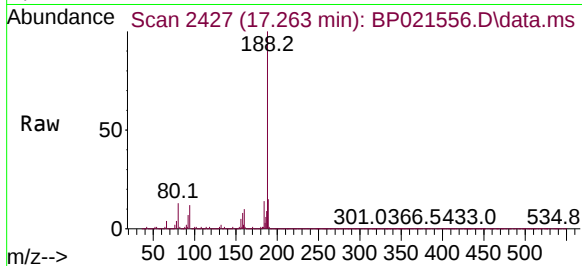




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP021556.D
Acq: 19 Aug 2024 16:43

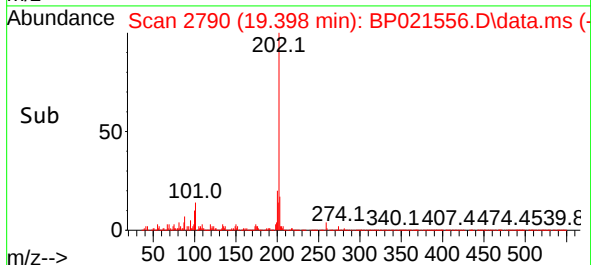
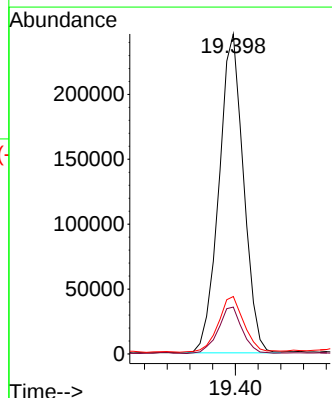
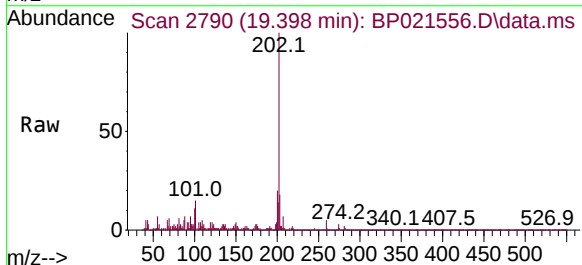
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OU4-TS-08-080724

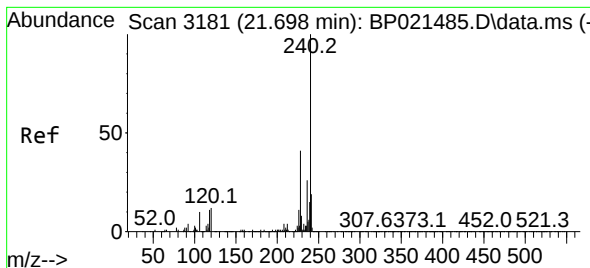
Tgt Ion:188 Resp: 2315035
Ion Ratio Lower Upper
188 100
94 11.8 10.2 15.4
80 12.8 11.6 17.4



#75
Fluoranthene
Concen: 2.699 ng
RT: 19.398 min Scan# 2790
Delta R.T. 0.018 min
Lab File: BP021556.D
Acq: 19 Aug 2024 16:43

Tgt Ion:202 Resp: 368719
Ion Ratio Lower Upper
202 100
101 14.6 0.0 34.0
203 17.9 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.716 min Scan# 3181

Delta R.T. 0.018 min

Lab File: BP021556.D

Acq: 19 Aug 2024 16:43

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724

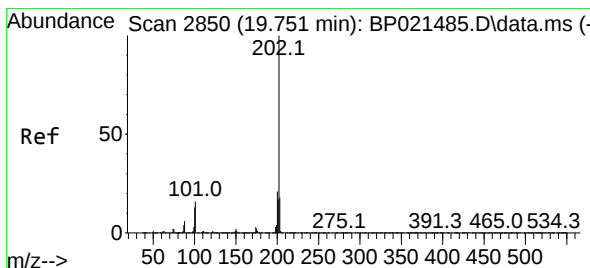
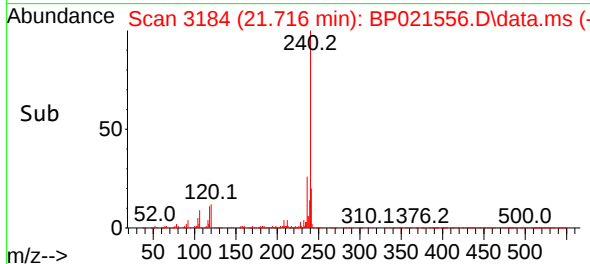
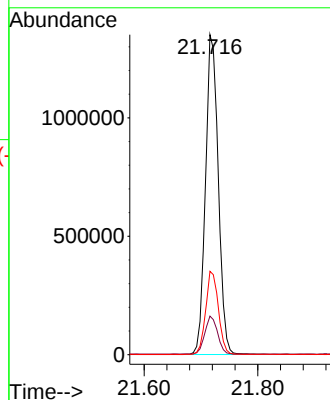
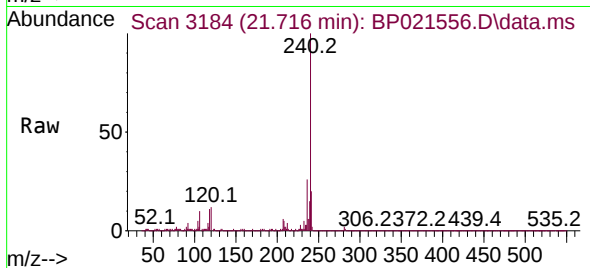
Tgt Ion:240 Resp: 2104646

Ion Ratio Lower Upper

240 100

120 12.0 9.9 14.9

236 26.0 20.6 30.8



#78

Pyrene

Concen: 2.366 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.018 min

Lab File: BP021556.D

Acq: 19 Aug 2024 16:43

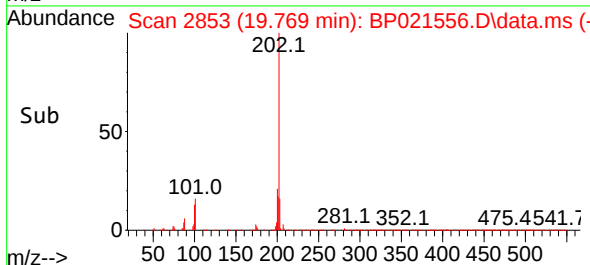
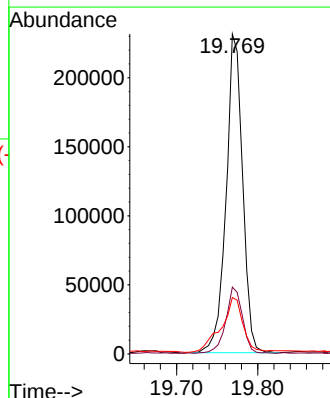
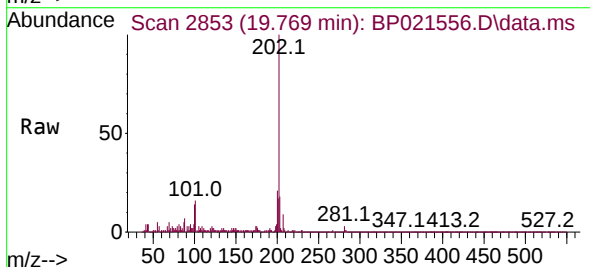
Tgt Ion:202 Resp: 325477

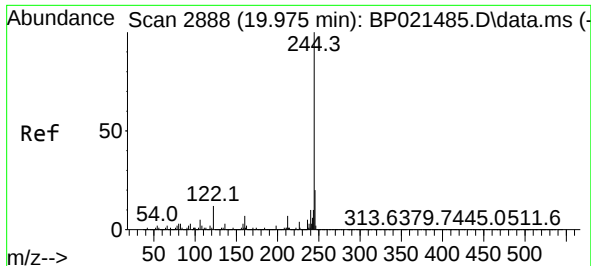
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.6 14.1 21.1



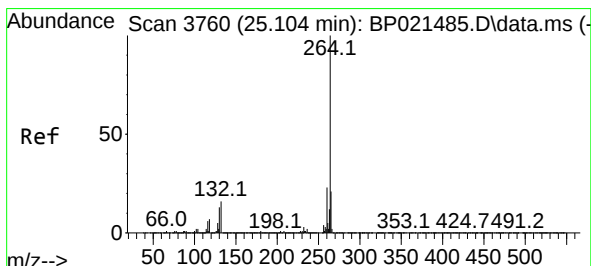
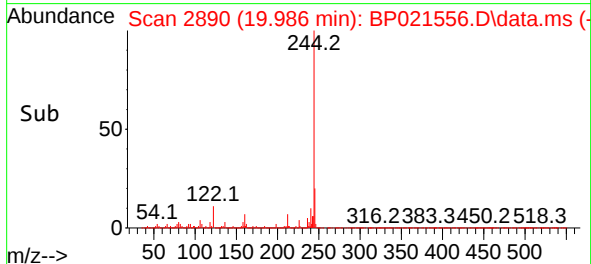
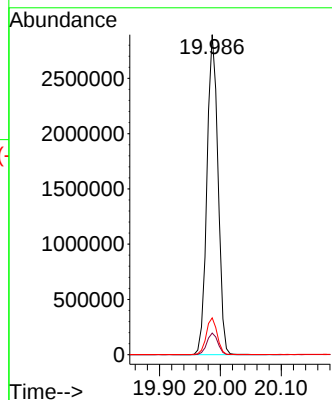
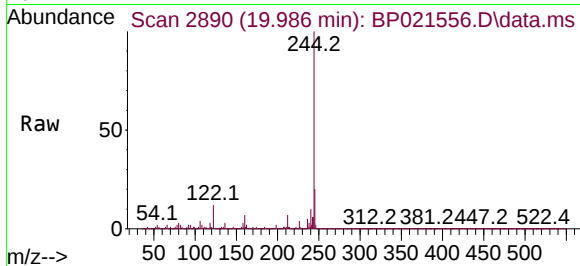


#79
 Terphenyl-d14
 Concen: 33.711 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BP021556.D
 Acq: 19 Aug 2024 16:43

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724

Tgt Ion:244 Resp: 3652068

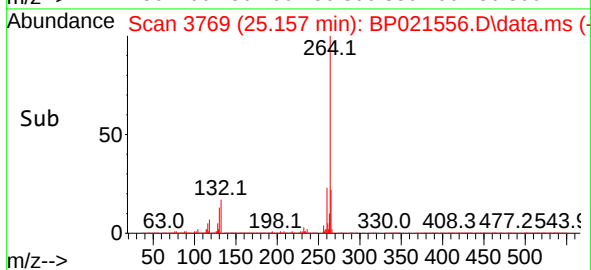
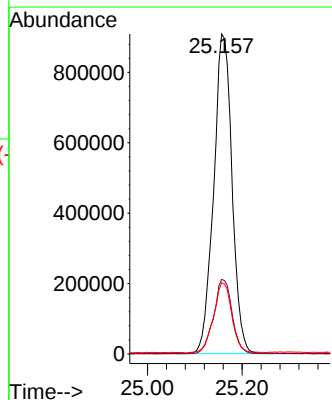
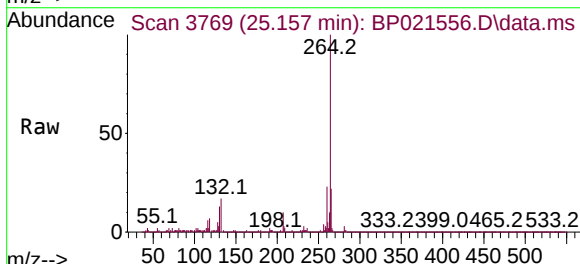
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.5	9.4	14.2

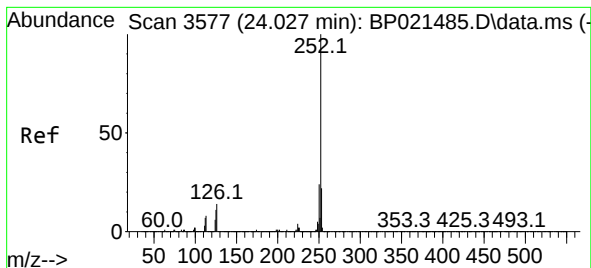


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.157 min Scan# 3769
 Delta R.T. 0.053 min
 Lab File: BP021556.D
 Acq: 19 Aug 2024 16:43

Tgt Ion:264 Resp: 2446205

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.2	17.1	25.7





#88

Benzo(b)fluoranthene

Concen: 2.138 ng

RT: 24.069 min Scan# 3

Delta R.T. 0.041 min

Lab File: BP021556.D

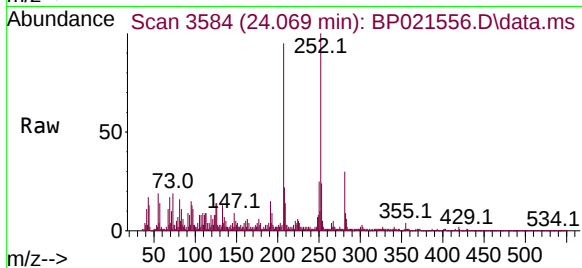
Acq: 19 Aug 2024 16:43

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724



Tgt Ion:252 Resp: 300432

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

125 13.6 8.6 13.0#

