

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021534.D
 Acq On : 16 Aug 2024 10:59
 Operator : RC/JU
 Sample : P3518-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-01-080724RE

Quant Time: Aug 16 11:59:12 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)

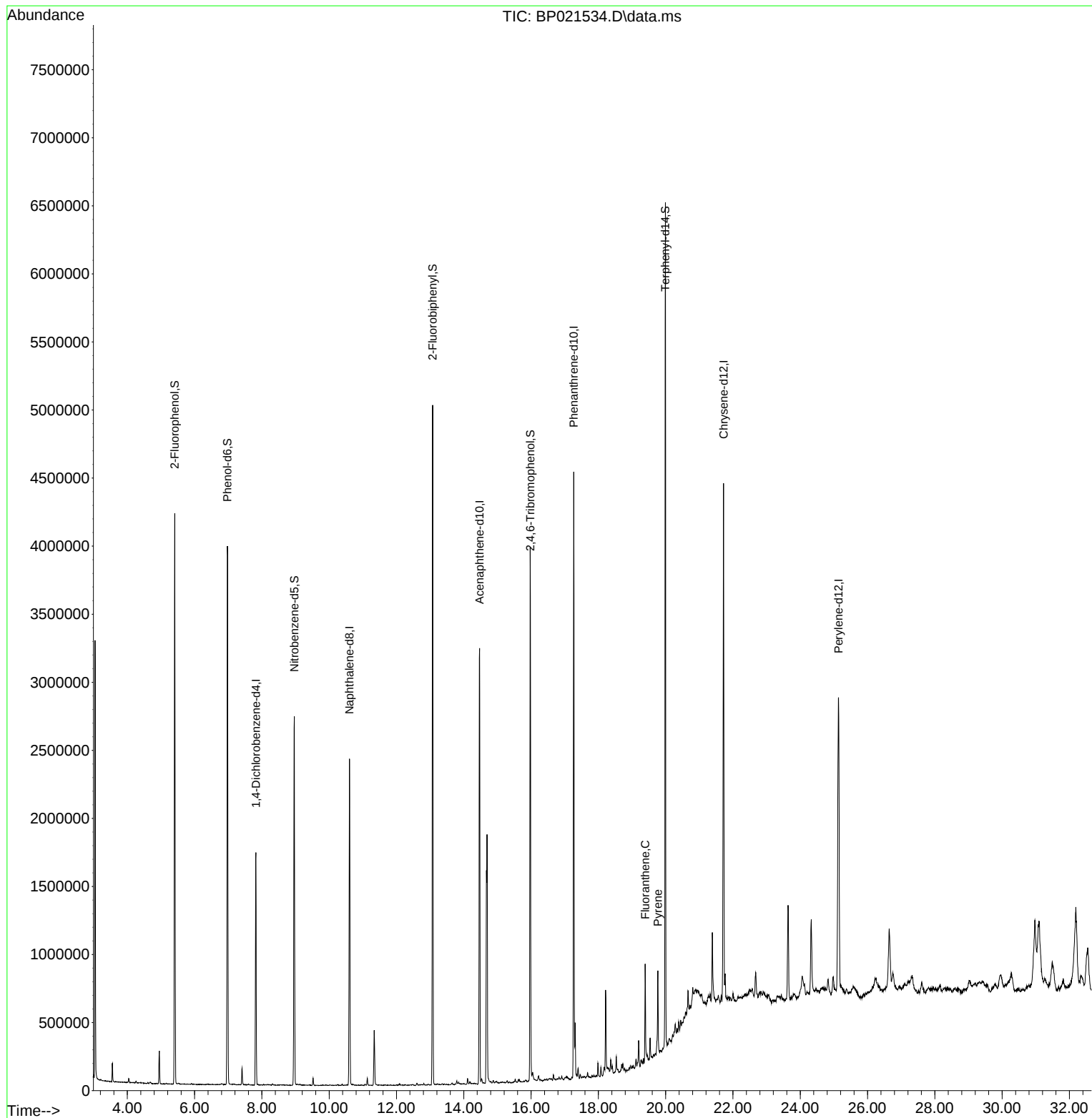
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	453420	20.000	ng	0.01
21) Naphthalene-d8	10.604	136	1930500	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	1213530	20.000	ng	0.01
64) Phenanthrene-d10	17.269	188	2352082	20.000	ng	0.02
76) Chrysene-d12	21.721	240	1990799	20.000	ng	0.02
86) Perylene-d12	25.139	264	2355058	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	1846623	60.473	ng	0.02
7) Phenol-d6	6.975	99	2612195	58.641	ng	0.01
23) Nitrobenzene-d5	8.963	82	1638951	43.820	ng	0.01
42) 2,4,6-Tribromophenol	15.981	330	796540	58.976	ng	0.01
45) 2-Fluorobiphenyl	13.075	172	2490324	31.319	ng	0.01
79) Terphenyl-d14	19.992	244	2947460	28.763	ng	0.02
Target Compounds						
						Qvalue
75) Fluoranthene	19.392	202	358610	2.584	ng	100
78) Pyrene	19.769	202	343687	2.641	ng	100

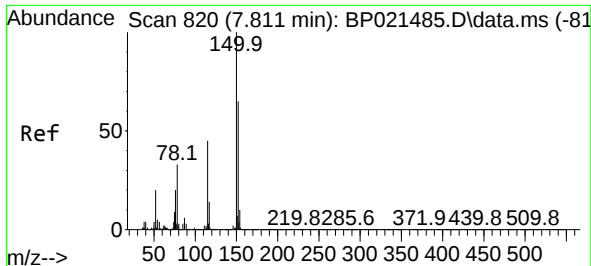
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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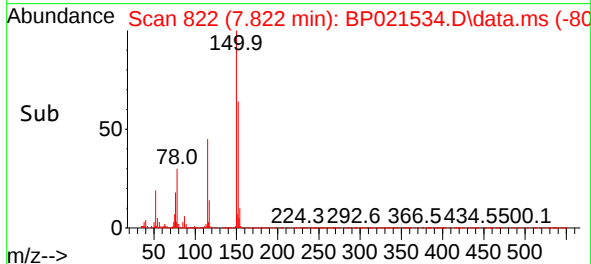
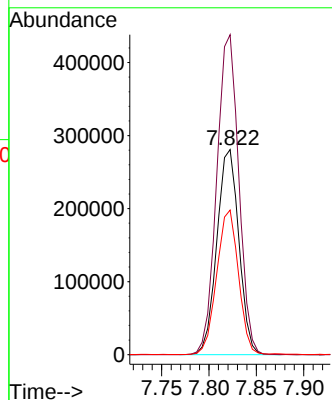
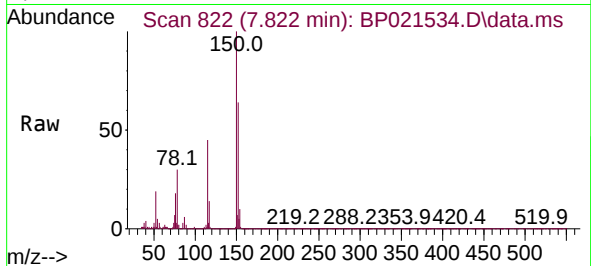




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.011 min
Lab File: BP021534.D
Acq: 16 Aug 2024 10:59

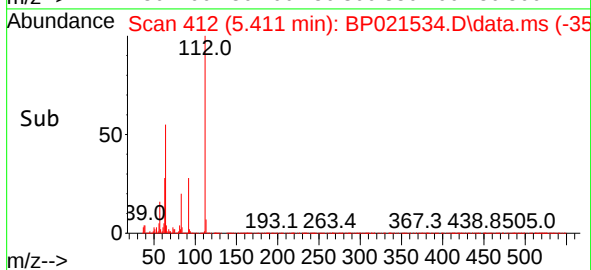
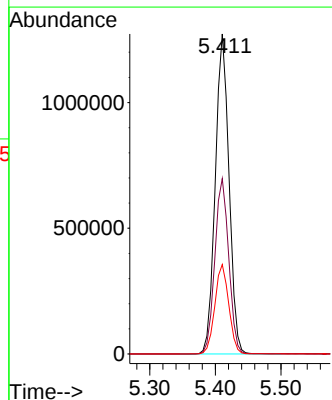
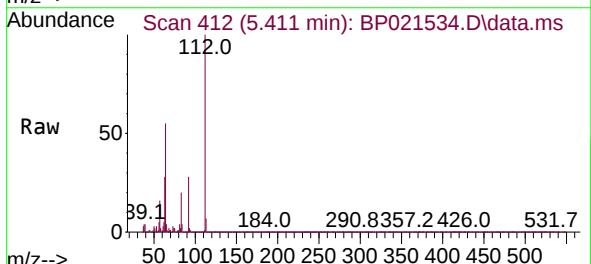
Instrument :
BNA_P
ClientSampleId :
OU4-TS-01-080724RE

Tgt Ion:152 Resp: 453420
Ion Ratio Lower Upper
152 100
150 156.0 122.4 183.6
115 70.5 54.7 82.1



#5
2-Fluorophenol
Concen: 60.473 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.018 min
Lab File: BP021534.D
Acq: 16 Aug 2024 10:59

Tgt Ion:112 Resp: 1846623
Ion Ratio Lower Upper
112 100
64 54.8 49.0 73.6
63 27.9 24.6 36.8





#7

Phenol-d6

Concen: 58.641 ng

RT: 6.975 min Scan# 61

Delta R.T. 0.012 min

Lab File: BP021534.D

Acq: 16 Aug 2024 10:59

Instrument :

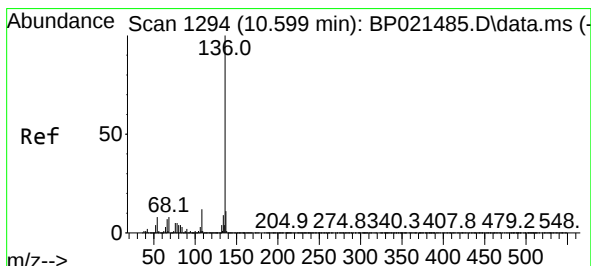
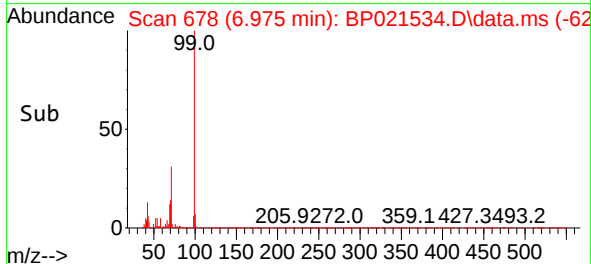
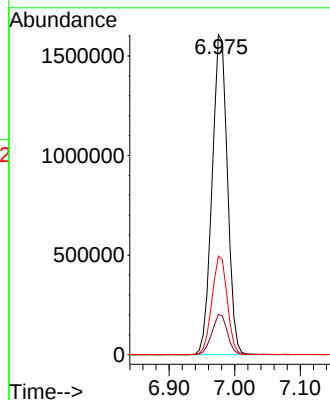
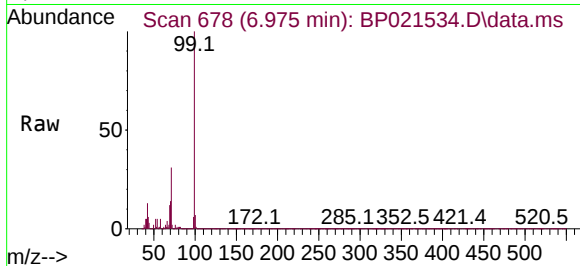
BNA_P

ClientSampleId :

OU4-TS-01-080724RE

Tgt Ion: 99 Resp: 2612195

Ion	Ratio	Lower	Upper
99	100		
42	12.6	10.2	15.4
71	30.8	25.8	38.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 1295

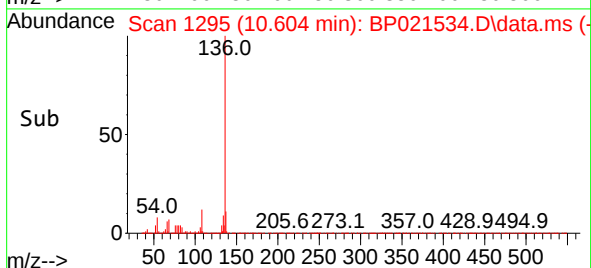
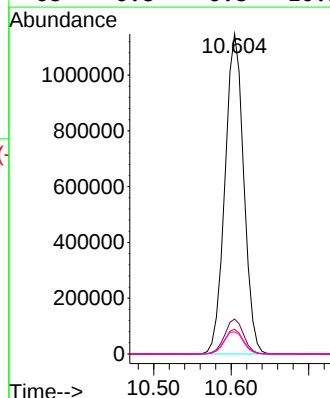
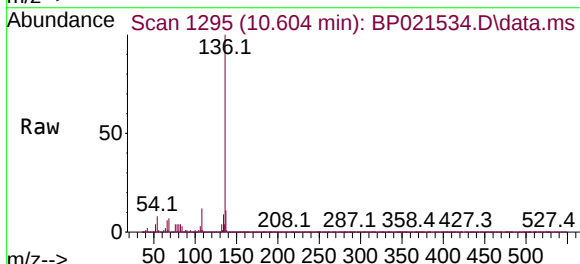
Delta R.T. 0.005 min

Lab File: BP021534.D

Acq: 16 Aug 2024 10:59

Tgt Ion:136 Resp: 1930500

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	6.8	6.8	10.2

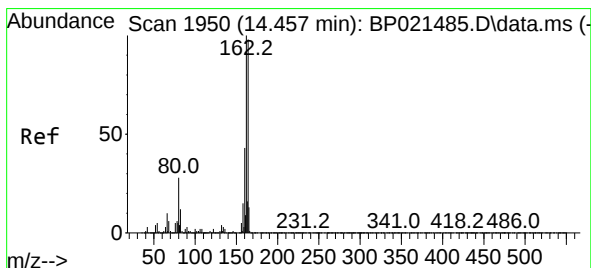
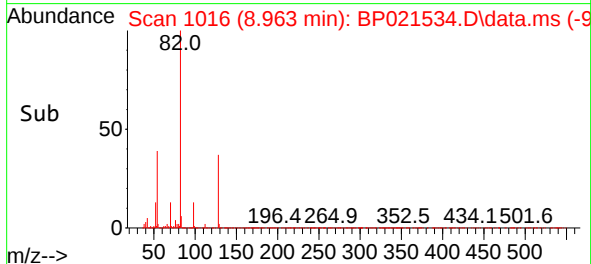
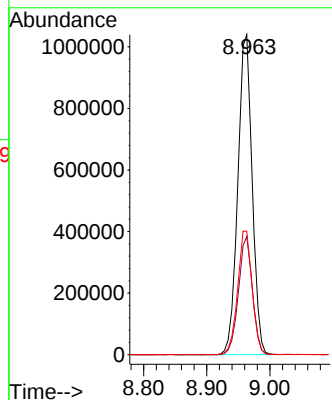
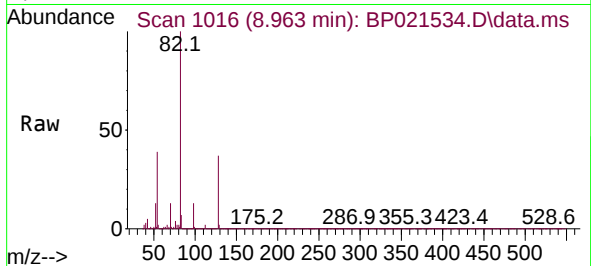




#23
Nitrobenzene-d5
Concen: 43.820 ng
RT: 8.963 min Scan# 1016
Delta R.T. 0.012 min
Lab File: BP021534.D
Acq: 16 Aug 2024 10:59

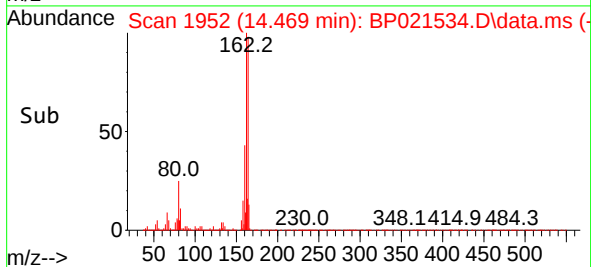
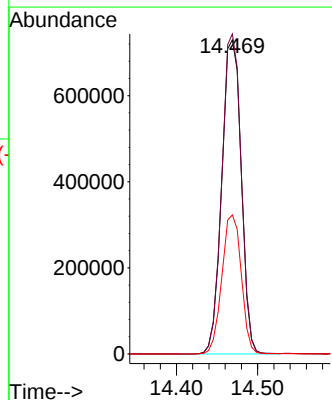
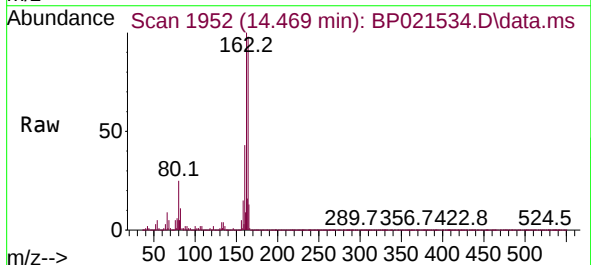
Instrument :
BNA_P
ClientSampleId :
OU4-TS-01-080724RE

Tgt Ion: 82 Resp: 1638951
Ion Ratio Lower Upper
82 100
128 36.9 26.5 39.7
54 38.5 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1952
Delta R.T. 0.012 min
Lab File: BP021534.D
Acq: 16 Aug 2024 10:59

Tgt Ion:164 Resp: 1213530
Ion Ratio Lower Upper
164 100
162 101.9 81.5 122.3
160 44.3 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 58.976 ng

RT: 15.981 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021534.D

Acq: 16 Aug 2024 10:59

Instrument :

BNA_P

ClientSampleId :

OU4-TS-01-080724RE

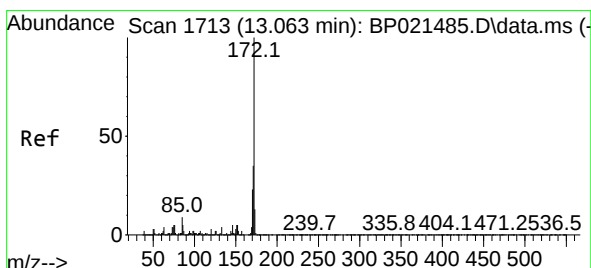
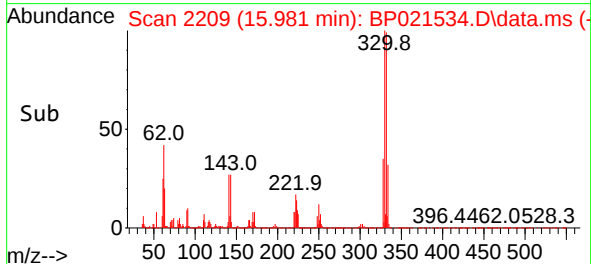
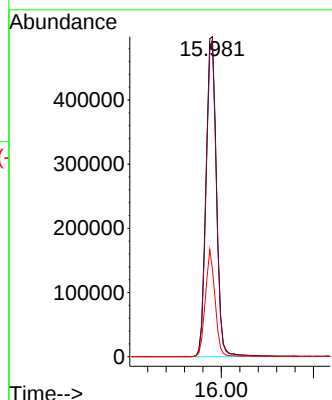
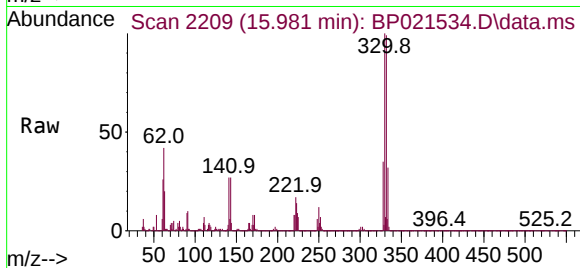
Tgt Ion:330 Resp: 796540

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 30.8 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 31.319 ng

RT: 13.075 min Scan# 1715

Delta R.T. 0.012 min

Lab File: BP021534.D

Acq: 16 Aug 2024 10:59

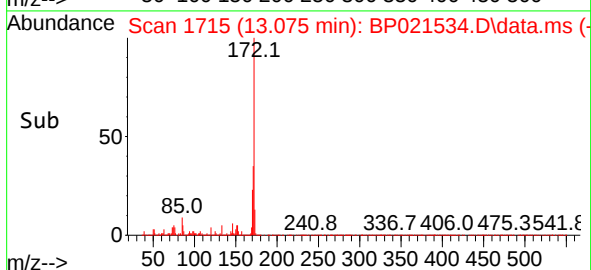
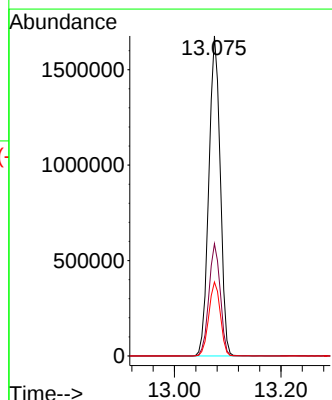
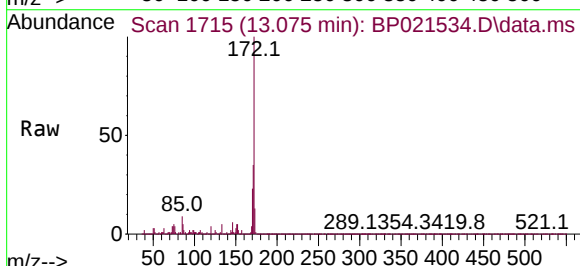
Tgt Ion:172 Resp: 2490324

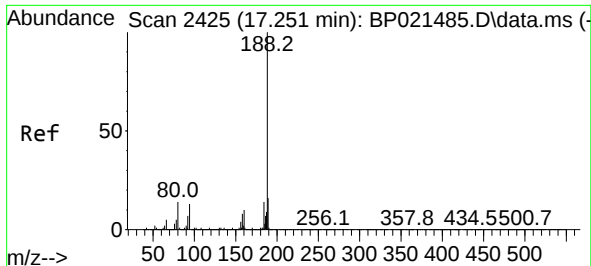
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.1 18.4 27.6

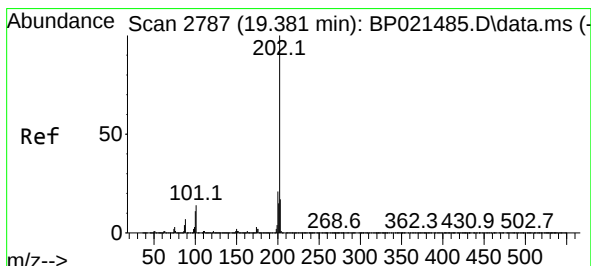
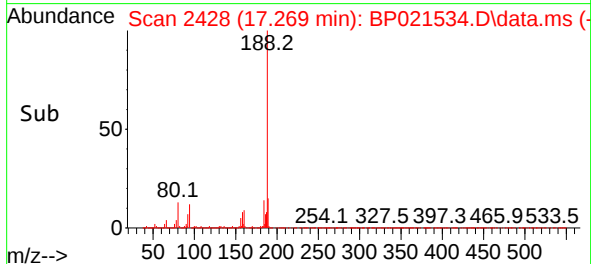
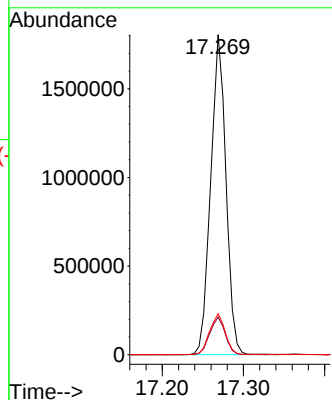
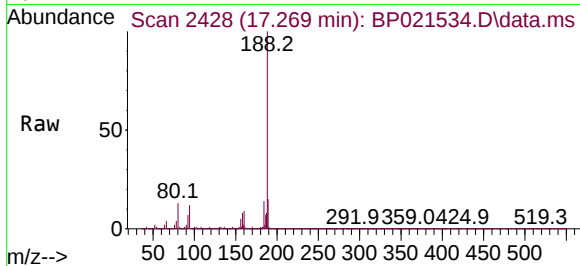




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2425
Delta R.T. 0.018 min
Lab File: BP021534.D
Acq: 16 Aug 2024 10:59

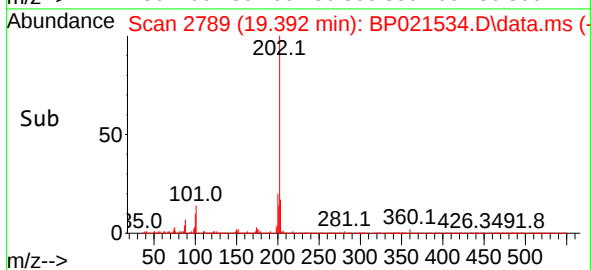
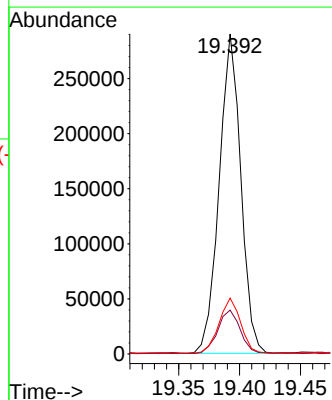
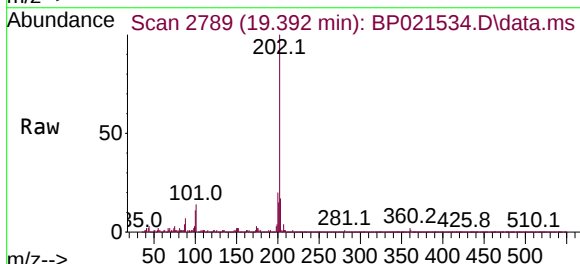
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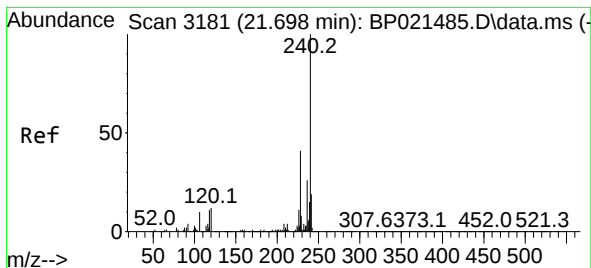
Tgt Ion:188 Resp: 2352082
Ion Ratio Lower Upper
188 100
94 11.7 10.2 15.4
80 12.8 11.6 17.4



#75
Fluoranthene
Concen: 2.584 ng
RT: 19.392 min Scan# 2789
Delta R.T. 0.012 min
Lab File: BP021534.D
Acq: 16 Aug 2024 10:59

Tgt Ion:202 Resp: 358610
Ion Ratio Lower Upper
202 100
101 13.7 0.0 34.0
203 17.4 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.721 min Scan# 3181

Delta R.T. 0.023 min

Lab File: BP021534.D

Acq: 16 Aug 2024 10:59

Instrument :

BNA_P

ClientSampleId :

OU4-TS-01-080724RE

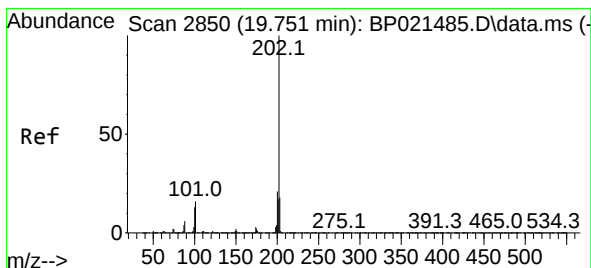
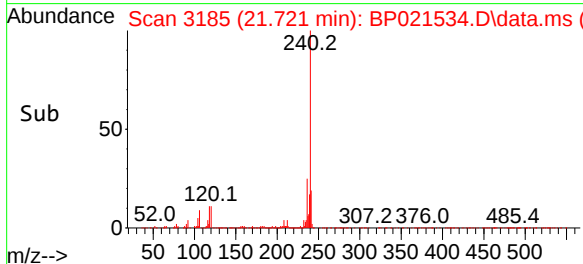
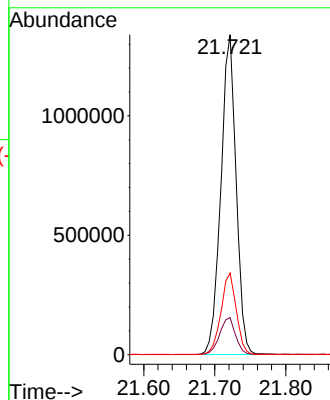
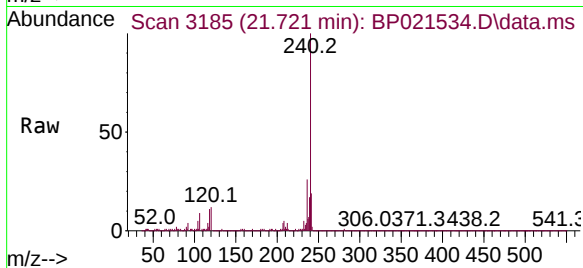
Tgt Ion:240 Resp: 1990799

Ion Ratio Lower Upper

240 100

120 11.6 9.9 14.9

236 25.5 20.6 30.8



#78

Pyrene

Concen: 2.641 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.018 min

Lab File: BP021534.D

Acq: 16 Aug 2024 10:59

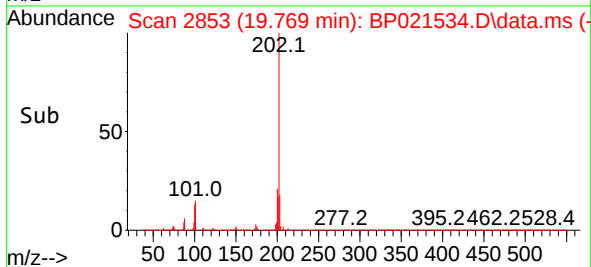
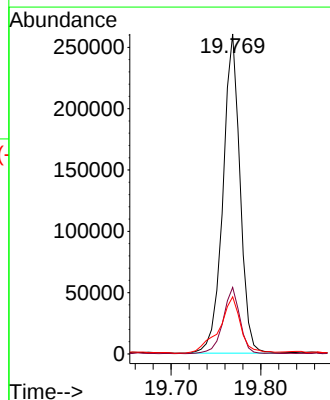
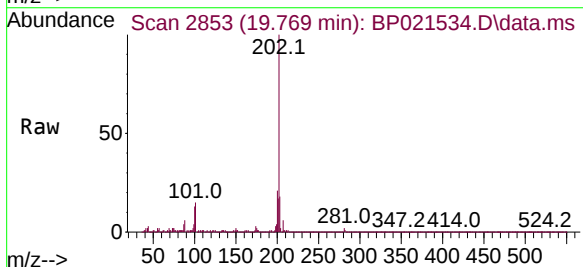
Tgt Ion:202 Resp: 343687

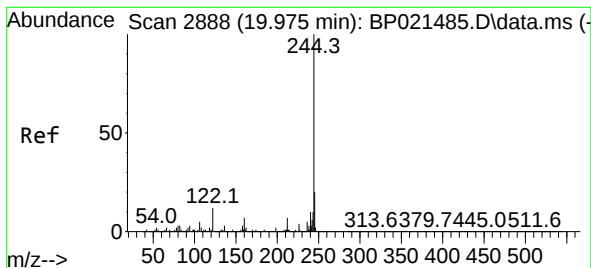
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 28.763 ng

RT: 19.992 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP021534.D

Acq: 16 Aug 2024 10:59

Instrument :

BNA_P

ClientSampleId :

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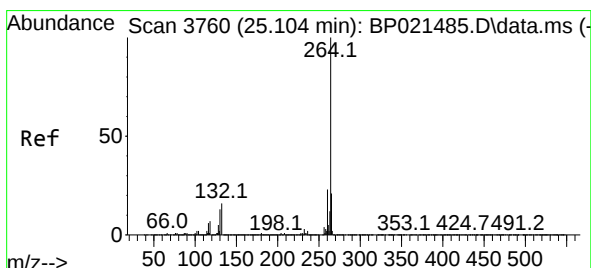
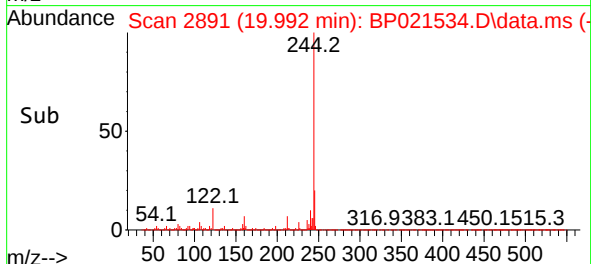
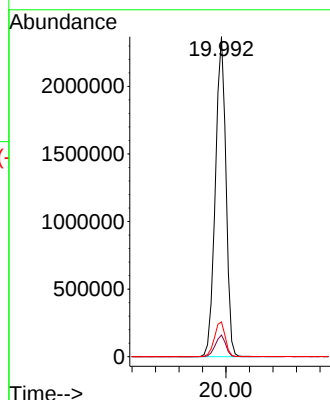
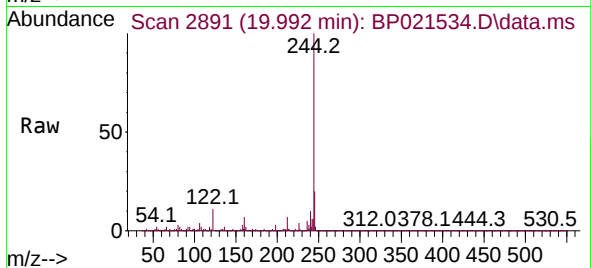
Tgt Ion:244 Resp: 2947460

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.9 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.139 min Scan# 3766

Delta R.T. 0.035 min

Lab File: BP021534.D

Acq: 16 Aug 2024 10:59

Tgt Ion:264 Resp: 2355058

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.7 17.1 25.7

