

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021567.D
 Acq On : 20 Aug 2024 10:49
 Operator : RC/JU
 Sample : PB162822BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162822BL

Quant Time: Aug 20 11:21:31 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	385209	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1560541	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	1021934	20.000	ng	-0.01
64) Phenanthrene-d10	17.257	188	2408801	20.000	ng	0.00
76) Chrysene-d12	21.722	240	2576176	20.000	ng	0.02
86) Perylene-d12	25.180	264	2892860	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	3380481	130.307	ng	0.01
7) Phenol-d6	6.969	99	4524489	119.556	ng	0.00
23) Nitrobenzene-d5	8.952	82	2737375	90.539	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1796946	157.991	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	5272853	78.745	ng	0.00
79) Terphenyl-d14	19.986	244	10921233	82.358	ng	0.01

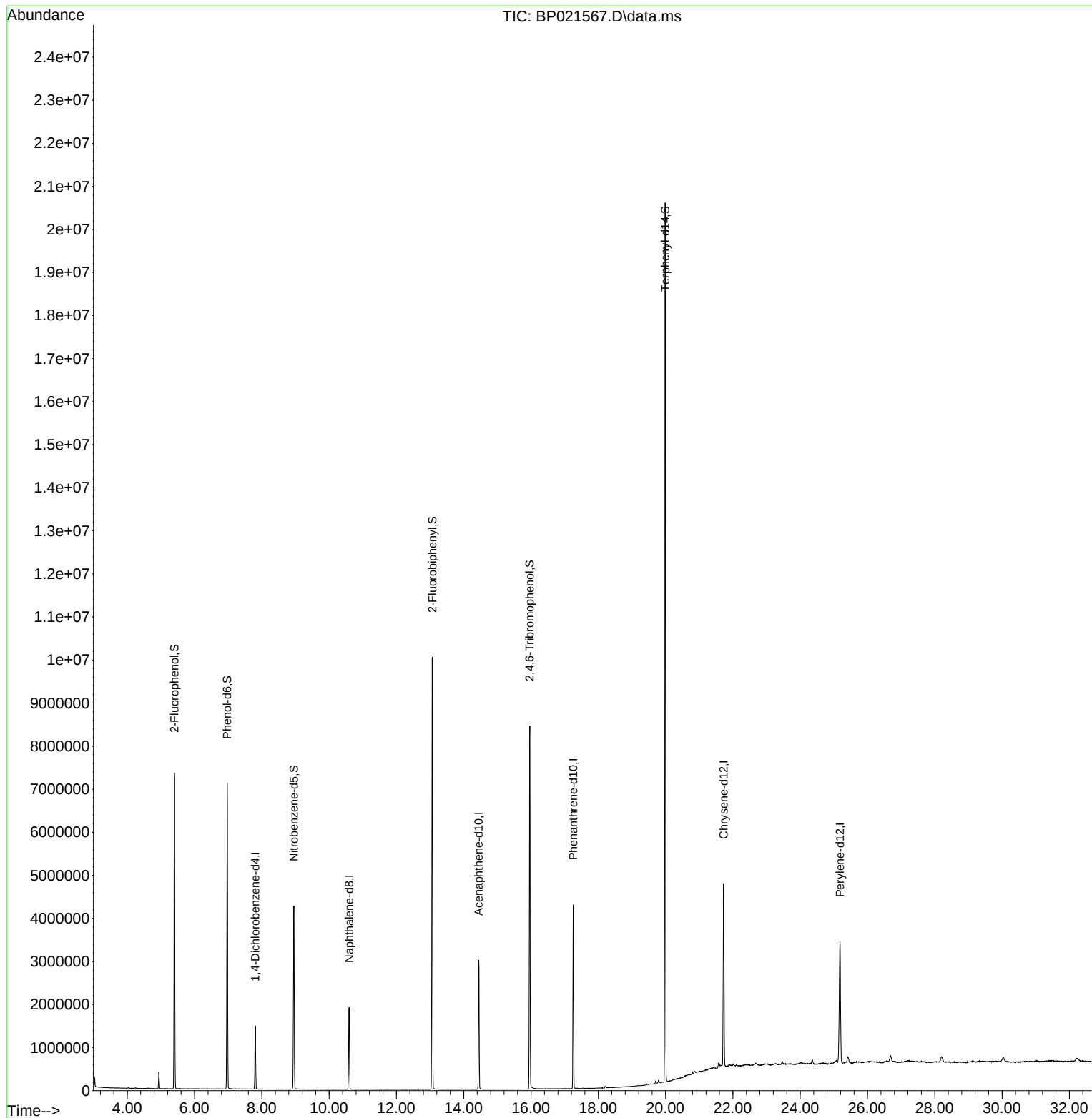
Target Compounds	Qvalue

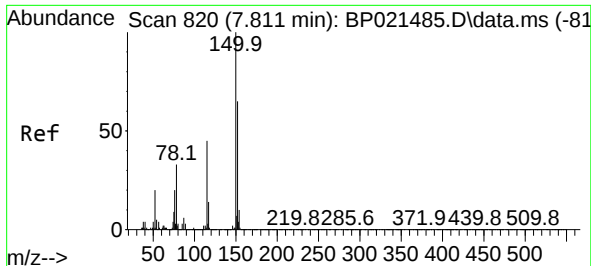
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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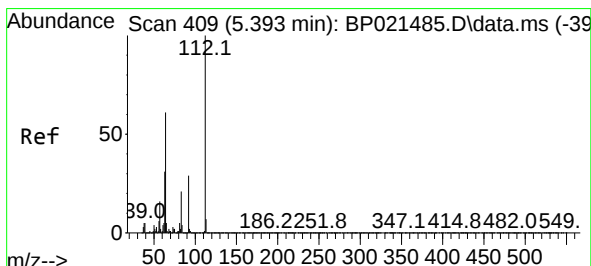
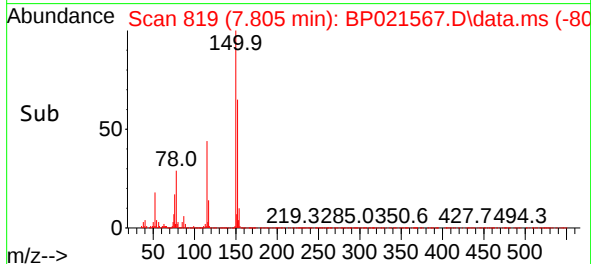
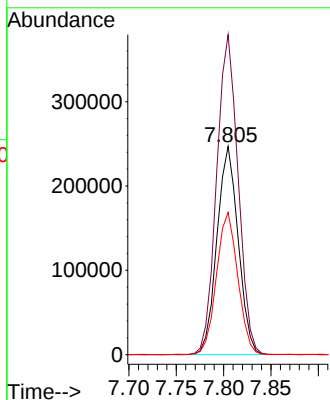
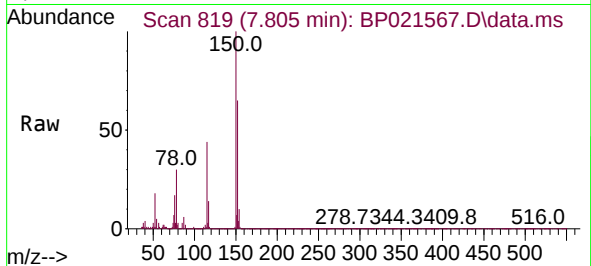




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021567.D
Acq: 20 Aug 2024 10:49

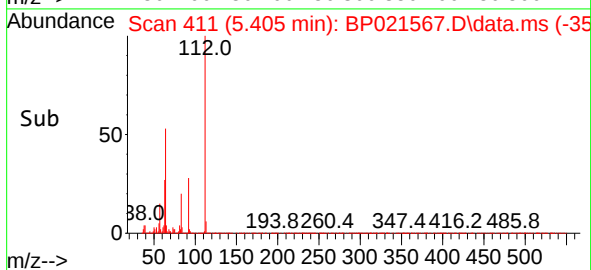
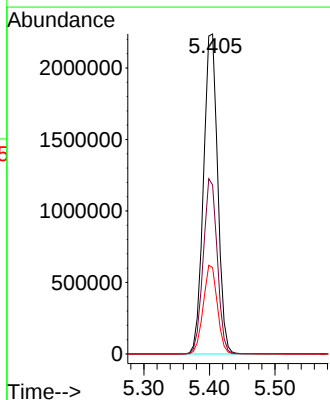
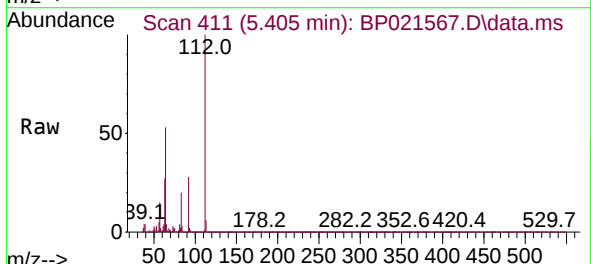
Instrument :
BNA_P
ClientSampleId :
PB162822BL

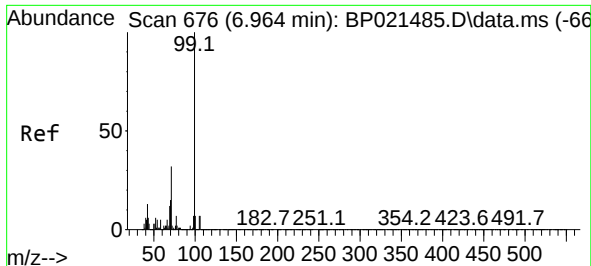
Tgt Ion:152 Resp: 385209
Ion Ratio Lower Upper
152 100
150 153.6 122.4 183.6
115 68.3 54.7 82.1



#5
2-Fluorophenol
Concen: 130.307 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021567.D
Acq: 20 Aug 2024 10:49

Tgt Ion:112 Resp: 3380481
Ion Ratio Lower Upper
112 100
64 52.8 49.0 73.6
63 27.0 24.6 36.8

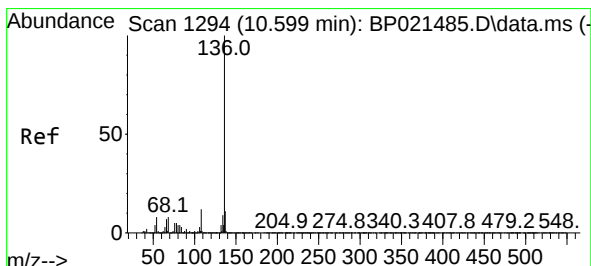
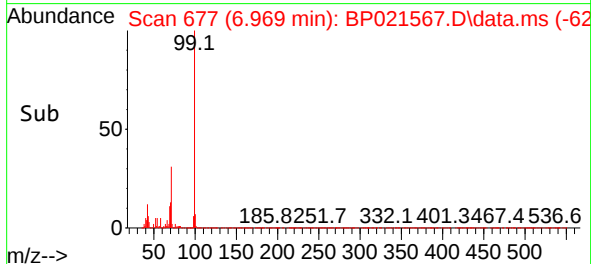
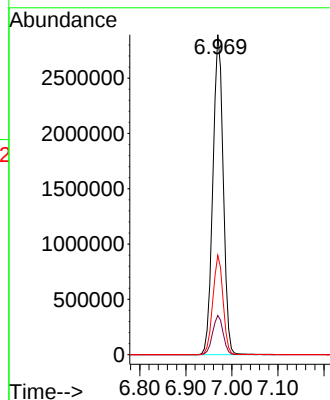
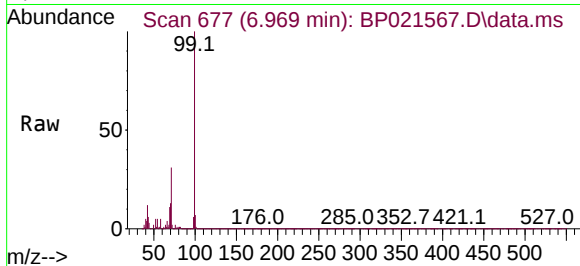




#7
Phenol-d6
Concen: 119.556 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021567.D
Acq: 20 Aug 2024 10:49

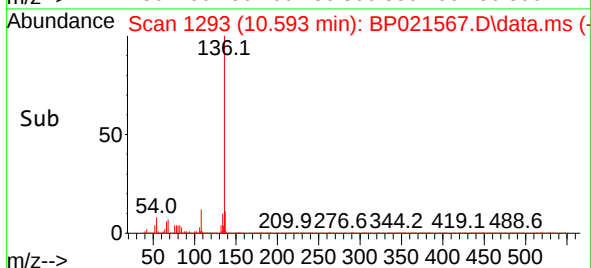
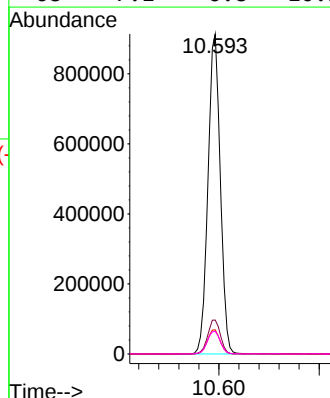
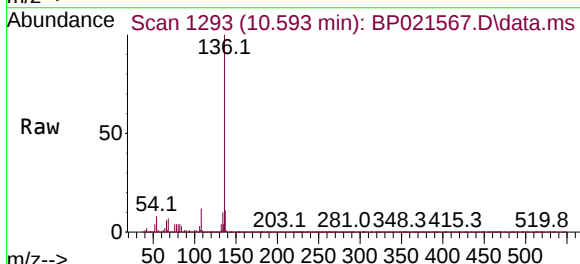
Instrument :
BNA_P
ClientSampleId :
PB162822BL

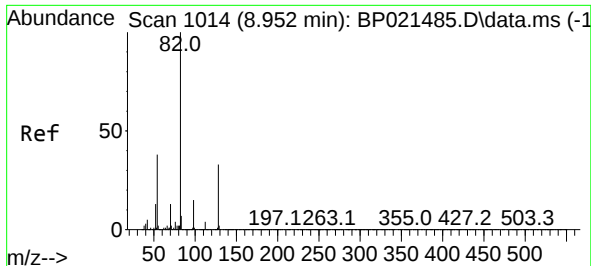
Tgt Ion: 99 Resp: 4524489
Ion Ratio Lower Upper
99 100
42 12.3 10.2 15.4
71 31.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021567.D
Acq: 20 Aug 2024 10:49

Tgt Ion:136 Resp: 1560541
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.5 6.3 9.5
68 7.1 6.8 10.2

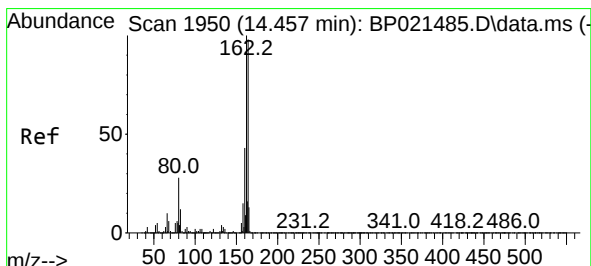
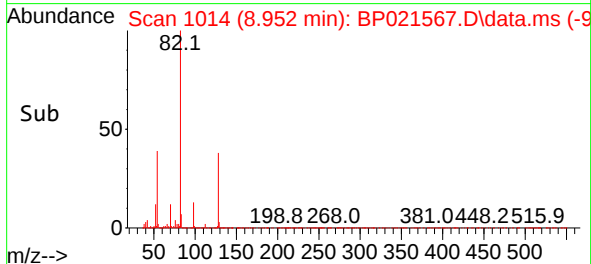
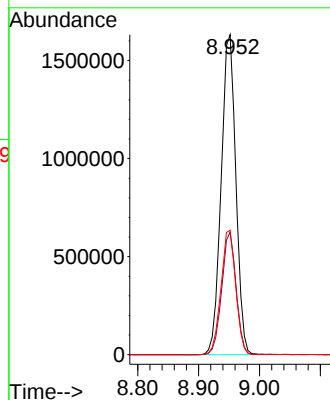
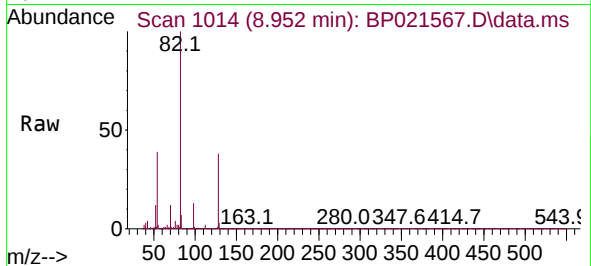




#23
Nitrobenzene-d5
Concen: 90.539 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021567.D
Acq: 20 Aug 2024 10:49

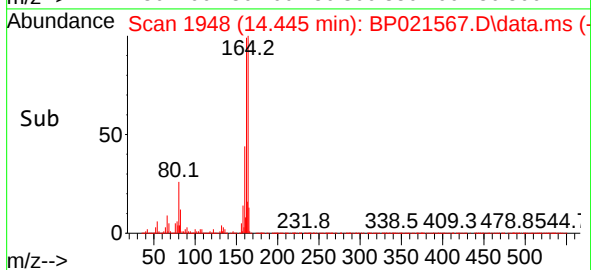
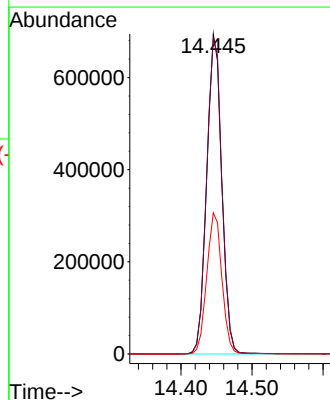
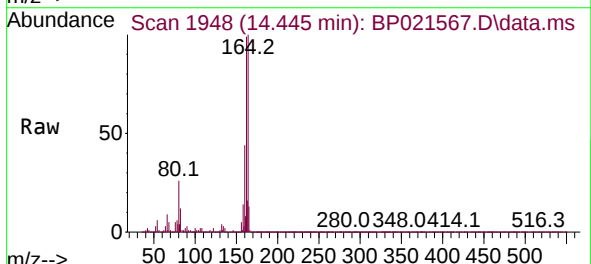
Instrument :
BNA_P
ClientSampleId :
PB162822BL

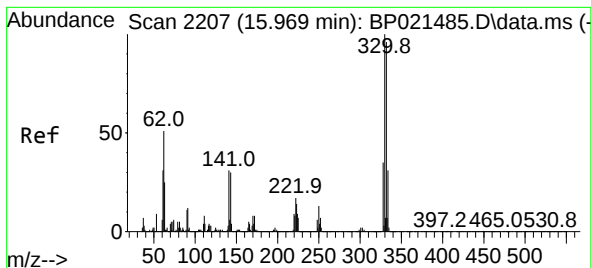
Tgt Ion: 82 Resp: 2737375
Ion Ratio Lower Upper
82 100
128 38.3 26.5 39.7
54 38.9 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP021567.D
Acq: 20 Aug 2024 10:49

Tgt Ion: 164 Resp: 1021934
Ion Ratio Lower Upper
164 100
162 98.6 81.5 122.3
160 44.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 157.991 ng

RT: 15.963 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021567.D

Acq: 20 Aug 2024 10:49

Instrument :

BNA_P

ClientSampleId :

PB162822BL

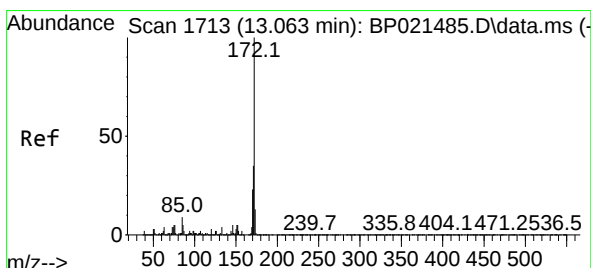
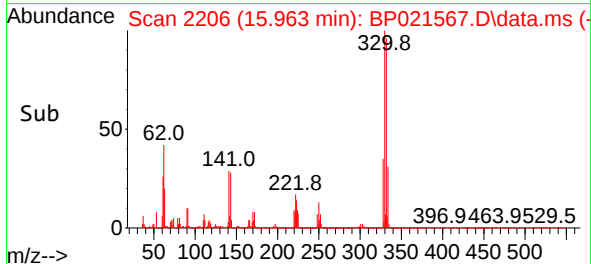
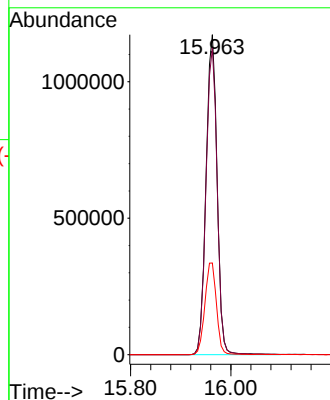
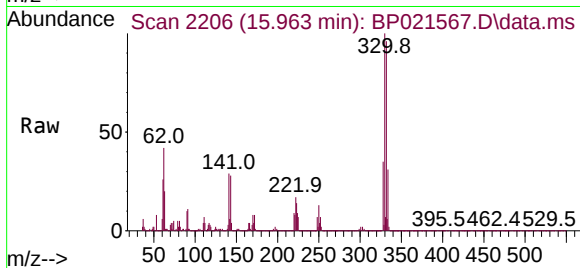
Tgt Ion:330 Resp: 1796946

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 30.0 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 78.745 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021567.D

Acq: 20 Aug 2024 10:49

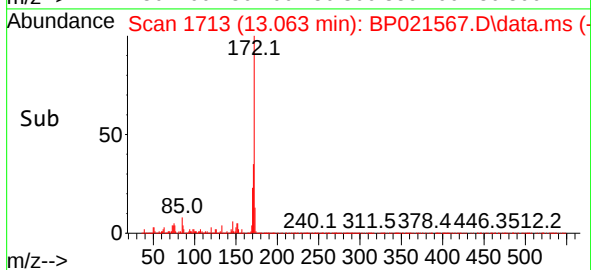
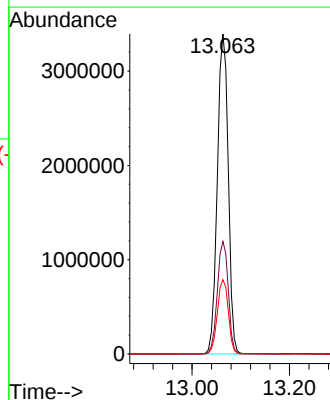
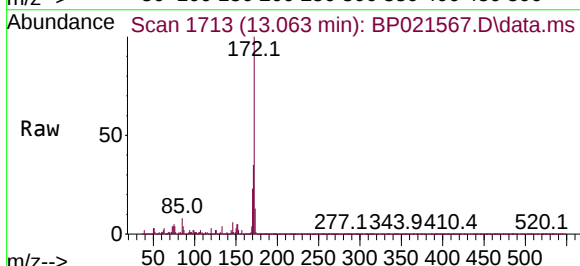
Tgt Ion:172 Resp: 5272853

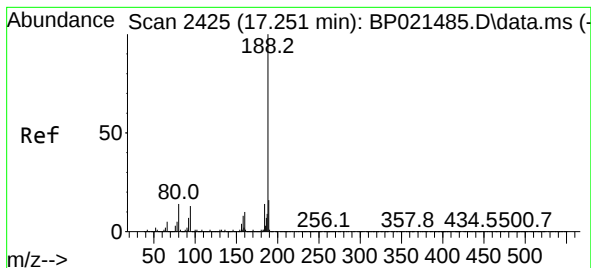
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.2 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP021567.D

Acq: 20 Aug 2024 10:49

Instrument :

BNA_P

ClientSampleId :

PB162822BL

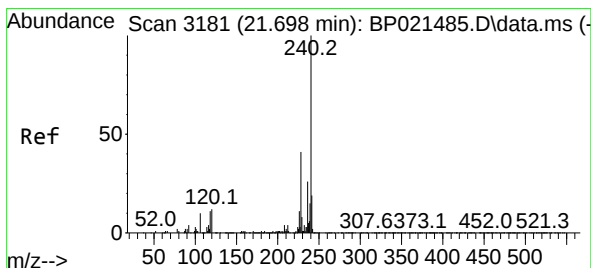
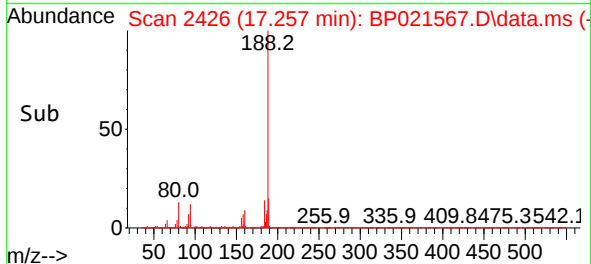
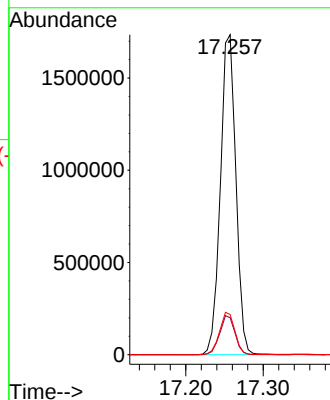
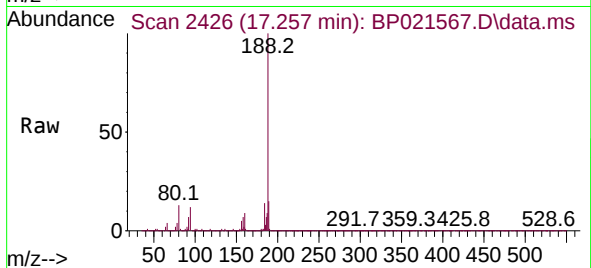
Tgt Ion:188 Resp: 2408801

Ion Ratio Lower Upper

188 100

94 11.6 10.2 15.4

80 12.6 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.722 min Scan# 3185

Delta R.T. 0.024 min

Lab File: BP021567.D

Acq: 20 Aug 2024 10:49

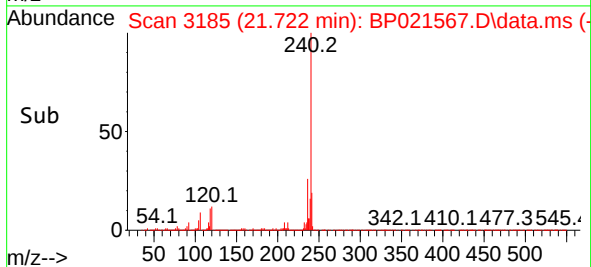
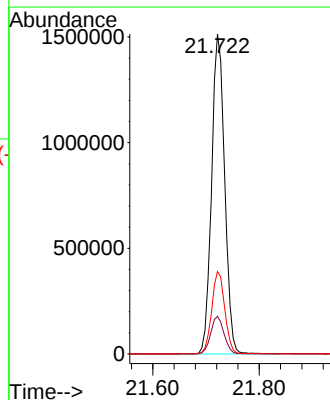
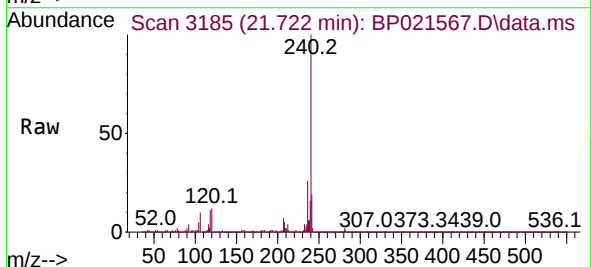
Tgt Ion:240 Resp: 2576176

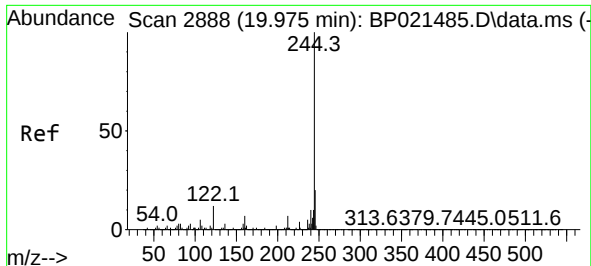
Ion Ratio Lower Upper

240 100

120 11.8 9.9 14.9

236 25.7 20.6 30.8

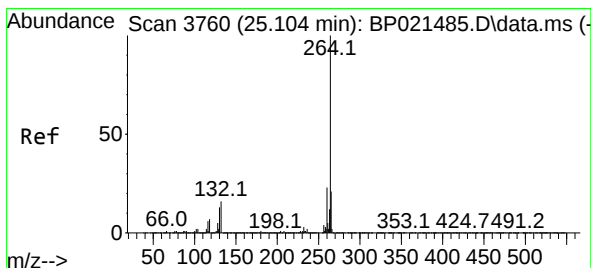
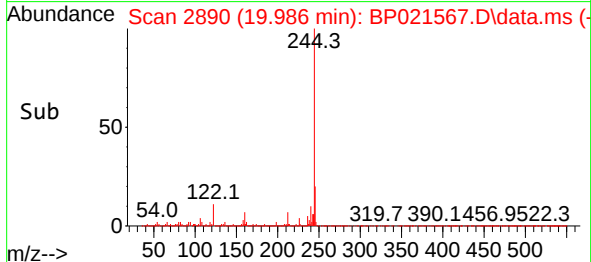
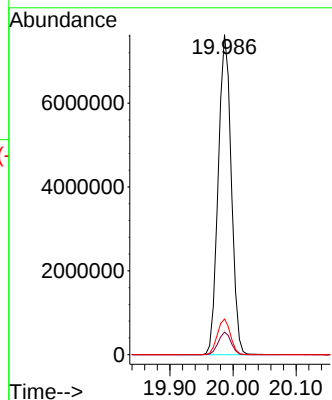
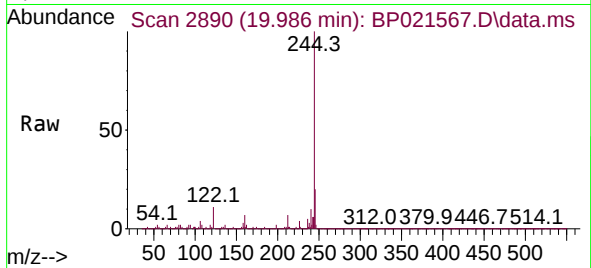




#79
 Terphenyl-d14
 Concen: 82.358 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BP021567.D
 Acq: 20 Aug 2024 10:49

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Tgt Ion:244 Resp:10921233
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.180 min Scan# 3773
 Delta R.T. 0.076 min
 Lab File: BP021567.D
 Acq: 20 Aug 2024 10:49

Tgt Ion:264 Resp: 2892860
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.1 17.1 25.7

