

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091424\
 Data File : BP021926.D
 Acq On : 14 Sep 2024 19:08
 Operator : RC/JU
 Sample : PB163076BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163076BL

Quant Time: Sep 15 05:23:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 05:10:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	107408	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	395754	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	262861	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	570406	20.000	ng	-0.02
76) Chrysene-d12	21.574	240	530302	20.000	ng	-0.02
86) Perylene-d12	24.886	264	546986	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	921890	154.769	ng	0.00
7) Phenol-d6	6.928	99	1127244	152.547	ng	0.00
23) Nitrobenzene-d5	8.887	82	756767	108.262	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	538614	163.559	ng	-0.01
45) 2-Fluorobiphenyl	12.963	172	1770181	106.918	ng	-0.02
79) Terphenyl-d14	19.869	244	2984031	114.178	ng	-0.01

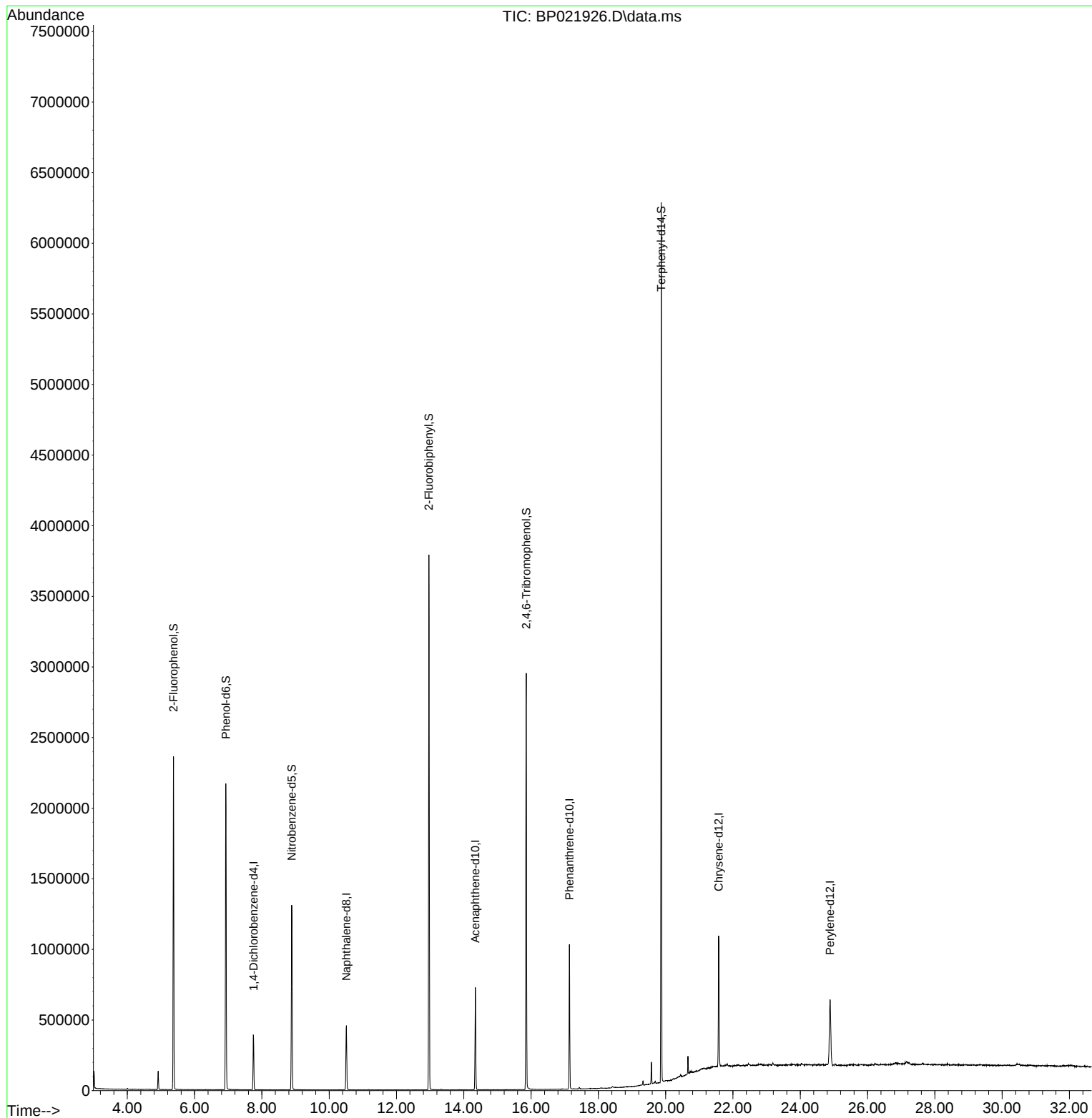
Target Compounds	Qvalue

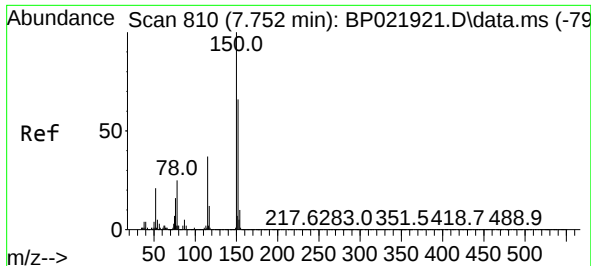
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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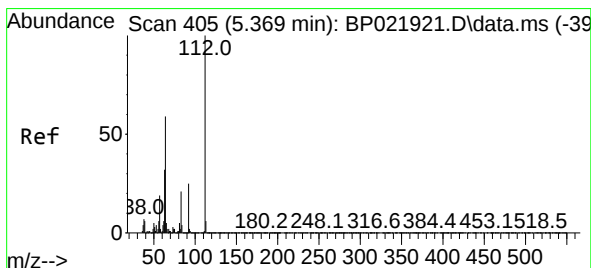
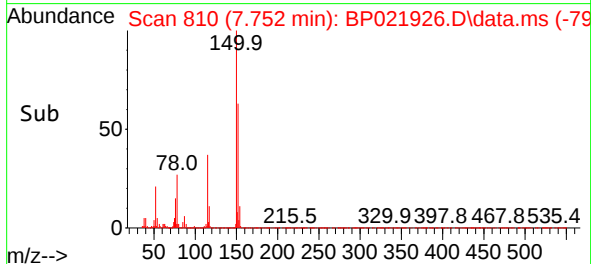
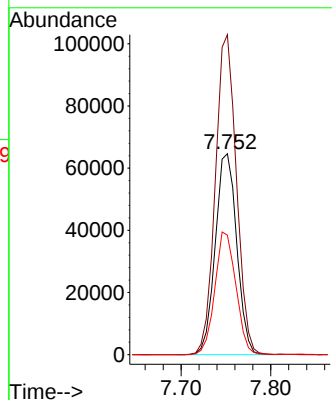
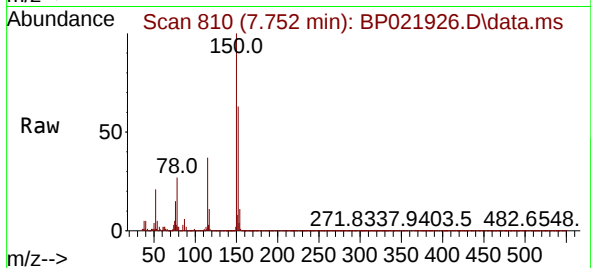




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 810
Delta R.T. -0.000 min
Lab File: BP021926.D
Acq: 14 Sep 2024 19:08

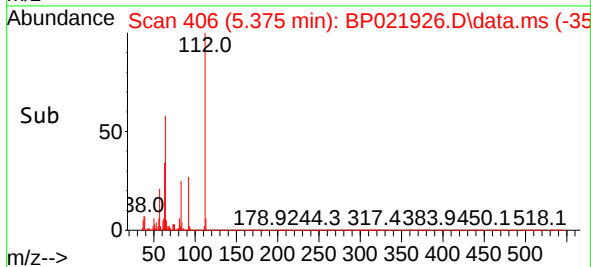
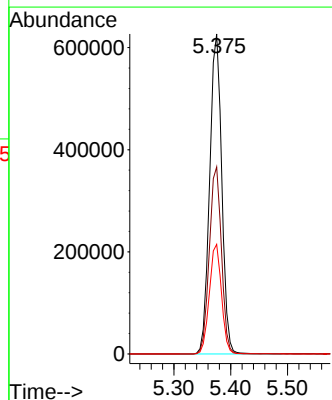
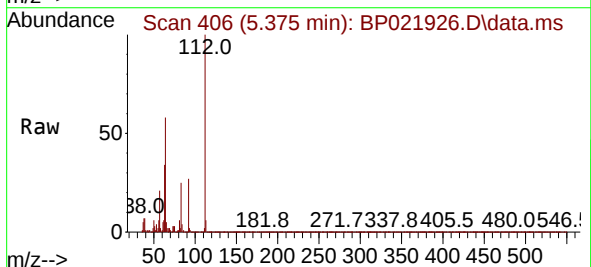
Instrument :
BNA_P
ClientSampleId :
PB163076BL

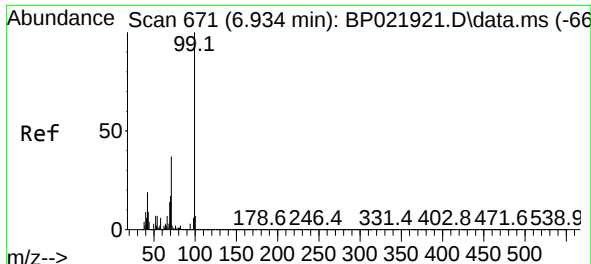
Tgt Ion:152 Resp: 107408
Ion Ratio Lower Upper
152 100
150 159.2 120.4 180.6
115 59.5 44.4 66.6



#5
2-Fluorophenol
Concen: 154.769 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.006 min
Lab File: BP021926.D
Acq: 14 Sep 2024 19:08

Tgt Ion:112 Resp: 921890
Ion Ratio Lower Upper
112 100
64 58.4 46.9 70.3
63 34.2 25.4 38.0





#7

Phenol-d6

Concen: 152.547 ng

RT: 6.928 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP021926.D

Acq: 14 Sep 2024 19:08

Instrument :

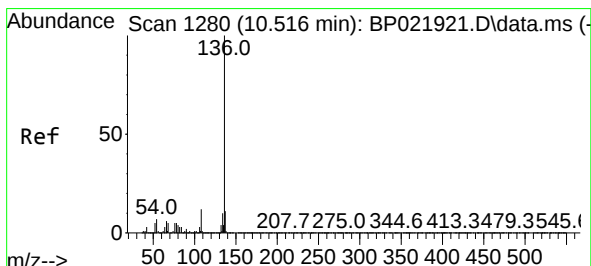
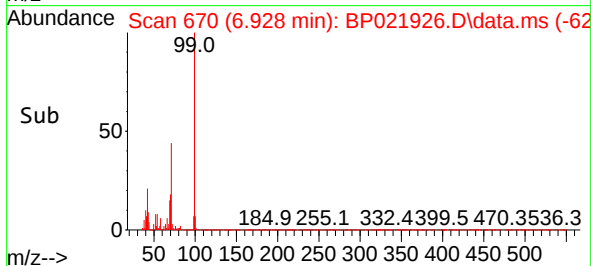
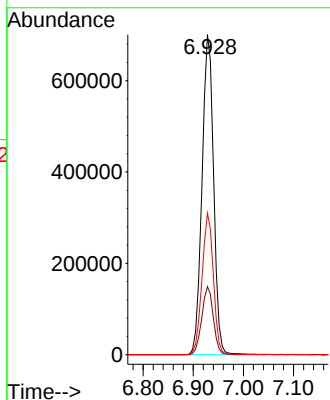
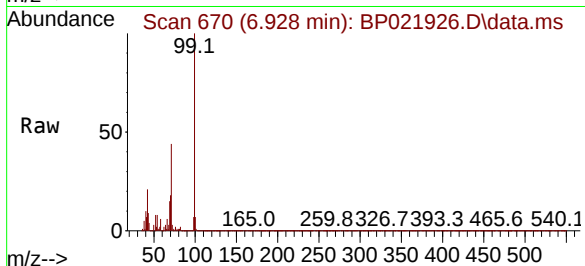
BNA_P

ClientSampleId :

PB163076BL

Tgt Ion: 99 Resp: 1127244

Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.4	23.2
71	44.2	29.9	44.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.510 min Scan# 1279

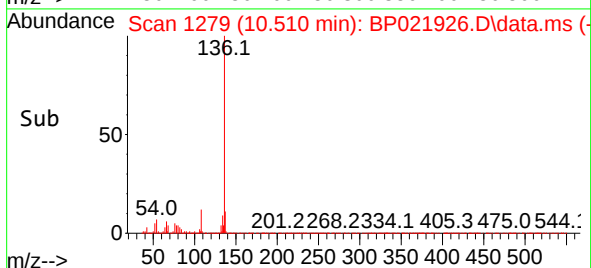
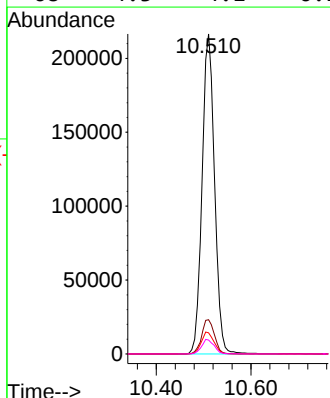
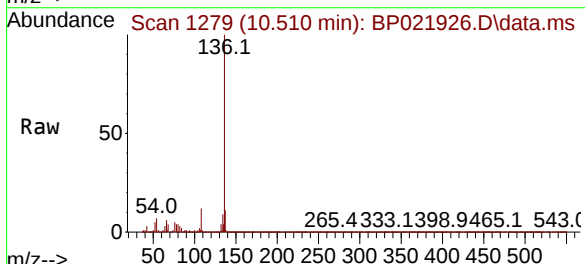
Delta R.T. -0.006 min

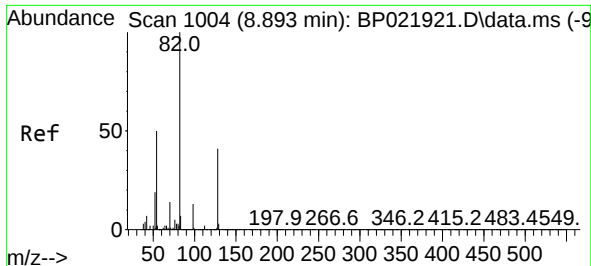
Lab File: BP021926.D

Acq: 14 Sep 2024 19:08

Tgt Ion: 136 Resp: 395754

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.6	5.8	8.6
68	4.3	4.1	6.1

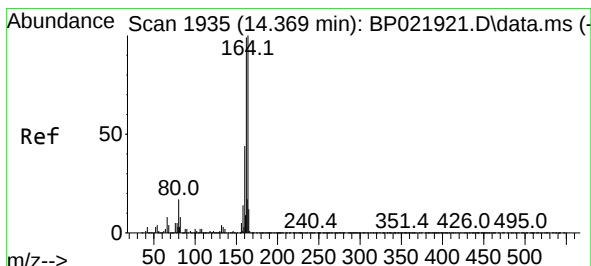
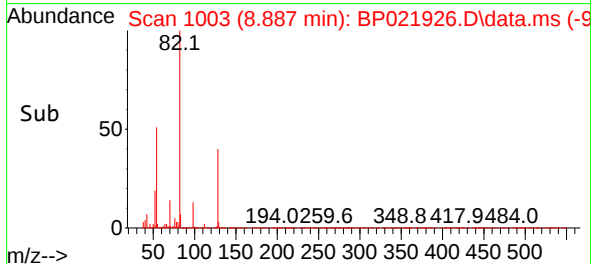
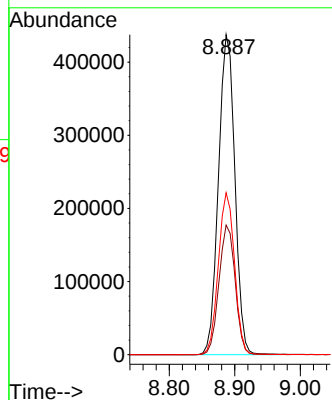
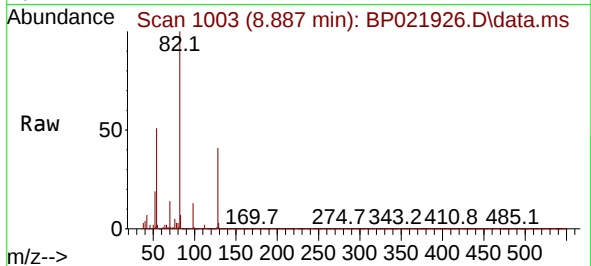




#23
Nitrobenzene-d5
Concen: 108.262 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021926.D
Acq: 14 Sep 2024 19:08

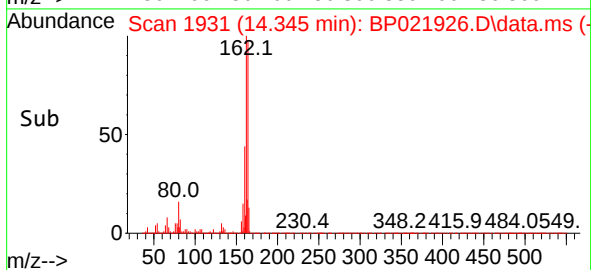
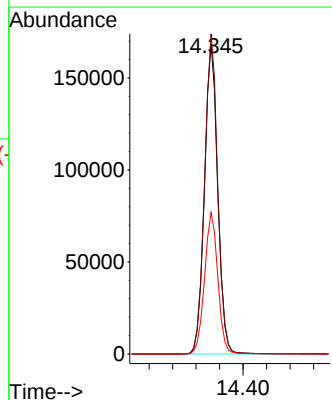
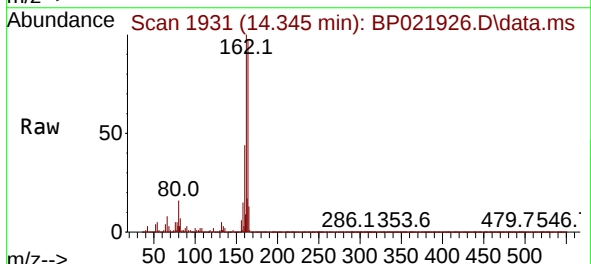
Instrument :
BNA_P
ClientSampleId :
PB163076BL

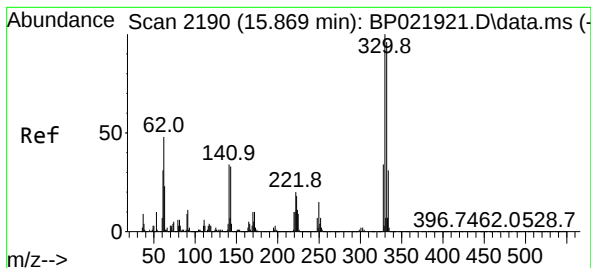
Tgt Ion: 82 Resp: 756767
Ion Ratio Lower Upper
82 100
128 40.5 32.6 48.8
54 50.6 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.024 min
Lab File: BP021926.D
Acq: 14 Sep 2024 19:08

Tgt Ion: 164 Resp: 262861
Ion Ratio Lower Upper
164 100
162 103.3 79.0 118.6
160 45.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 163.559 ng

RT: 15.857 min Scan# 2190

Delta R.T. -0.012 min

Lab File: BP021926.D

Acq: 14 Sep 2024 19:08

Instrument :

BNA_P

ClientSampleId :

PB163076BL

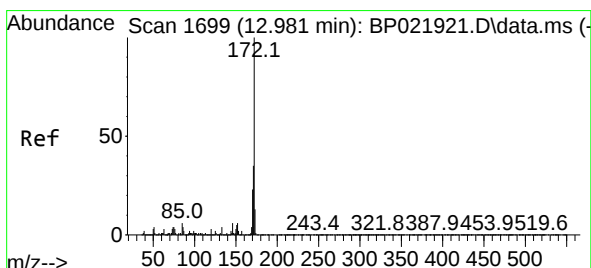
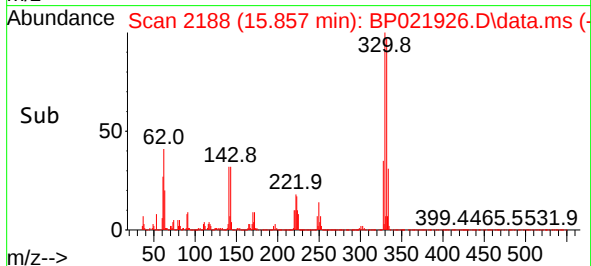
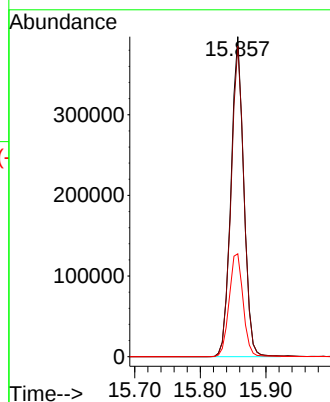
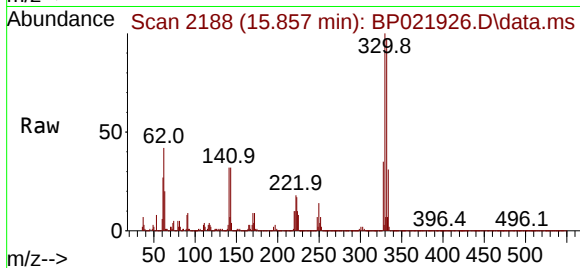
Tgt Ion:330 Resp: 538614

Ion Ratio Lower Upper

330 100

332 98.4 77.9 116.9

141 35.1 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 106.918 ng

RT: 12.963 min Scan# 1696

Delta R.T. -0.018 min

Lab File: BP021926.D

Acq: 14 Sep 2024 19:08

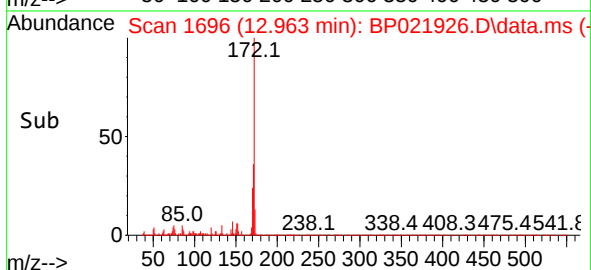
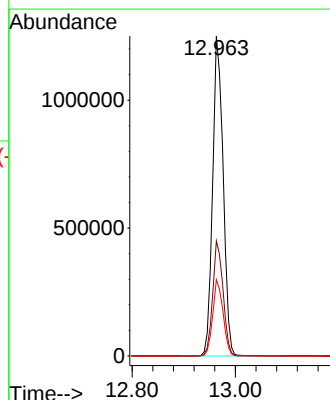
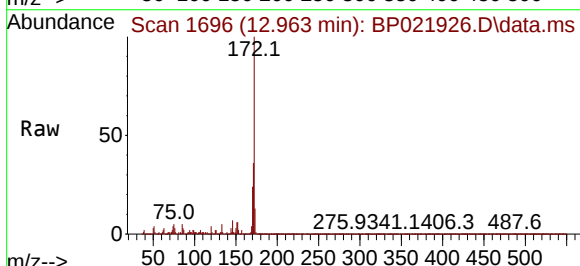
Tgt Ion:172 Resp: 1770181

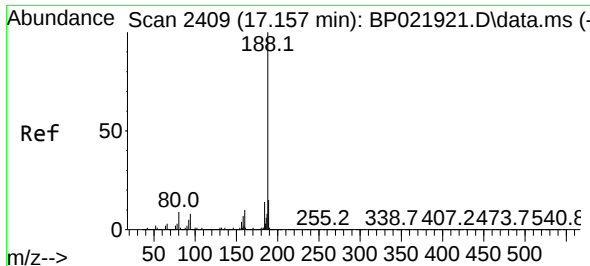
Ion Ratio Lower Upper

172 100

171 35.9 27.8 41.8

170 23.8 18.5 27.7

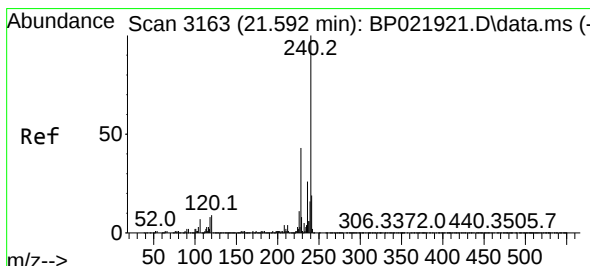
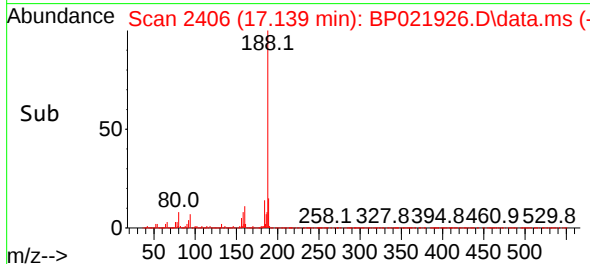
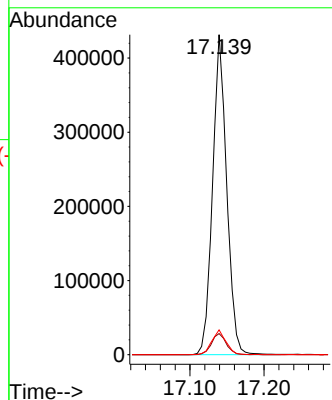
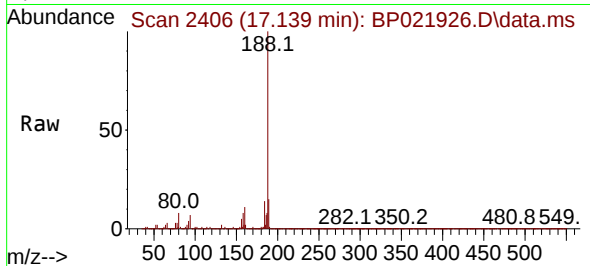




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BP021926.D
Acq: 14 Sep 2024 19:08

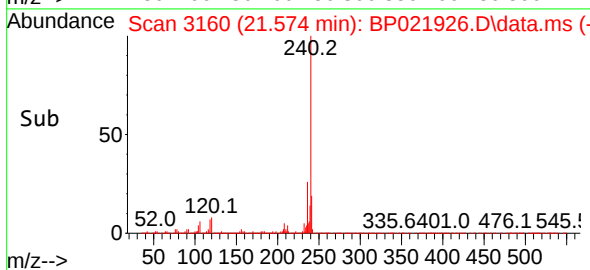
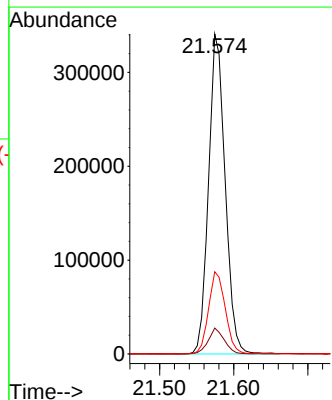
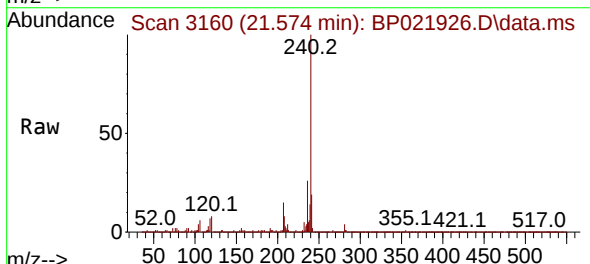
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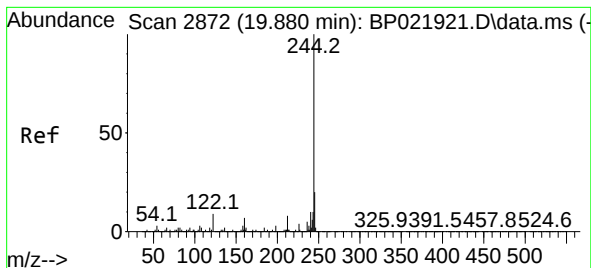
Tgt Ion:188 Resp: 570406
Ion Ratio Lower Upper
188 100
94 6.6 6.2 9.4
80 7.7 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3160
Delta R.T. -0.018 min
Lab File: BP021926.D
Acq: 14 Sep 2024 19:08

Tgt Ion:240 Resp: 530302
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.7 20.6 30.8





#79

Terphenyl-d14

Concen: 114.178 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021926.D

Acq: 14 Sep 2024 19:08

Instrument :

BNA_P

ClientSampleId :

PB163076BL

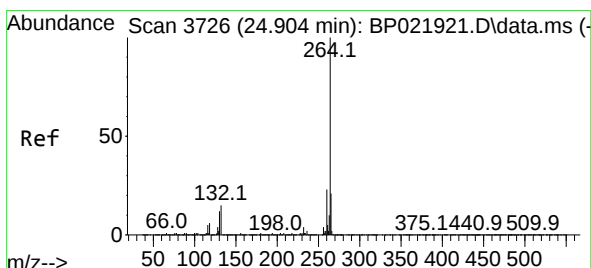
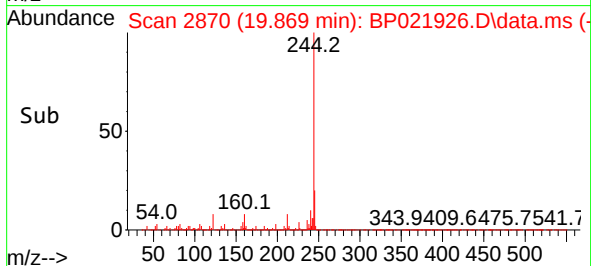
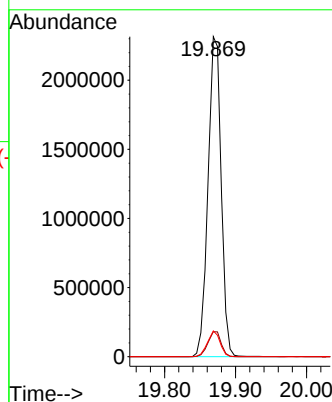
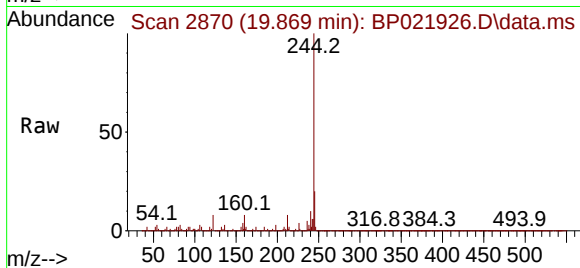
Tgt Ion:244 Resp: 2984031

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 8.1 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.886 min Scan# 3723

Delta R.T. -0.018 min

Lab File: BP021926.D

Acq: 14 Sep 2024 19:08

Tgt Ion:264 Resp: 546986

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 22.8 17.1 25.7

