

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021609.D
Acq On : 22 Aug 2024 11:33
Operator : RC/JU
Sample : PB162379BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB162379BL

Quant Time: Aug 22 12:54:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 11:12:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	290745	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1124987	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	726278	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1754800	20.000	ng	0.01
76) Chrysene-d12	21.716	240	1947306	20.000	ng	0.00
86) Perylene-d12	25.151	264	2180549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2731208	139.485	ng	0.00
7) Phenol-d6	6.969	99	3657789	128.058	ng	0.00
23) Nitrobenzene-d5	8.946	82	2174428	99.764	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1421767	175.892	ng	0.01
45) 2-Fluorobiphenyl	13.057	172	4182185	87.882	ng	0.00
79) Terphenyl-d14	19.980	244	8931165	89.102	ng	0.00

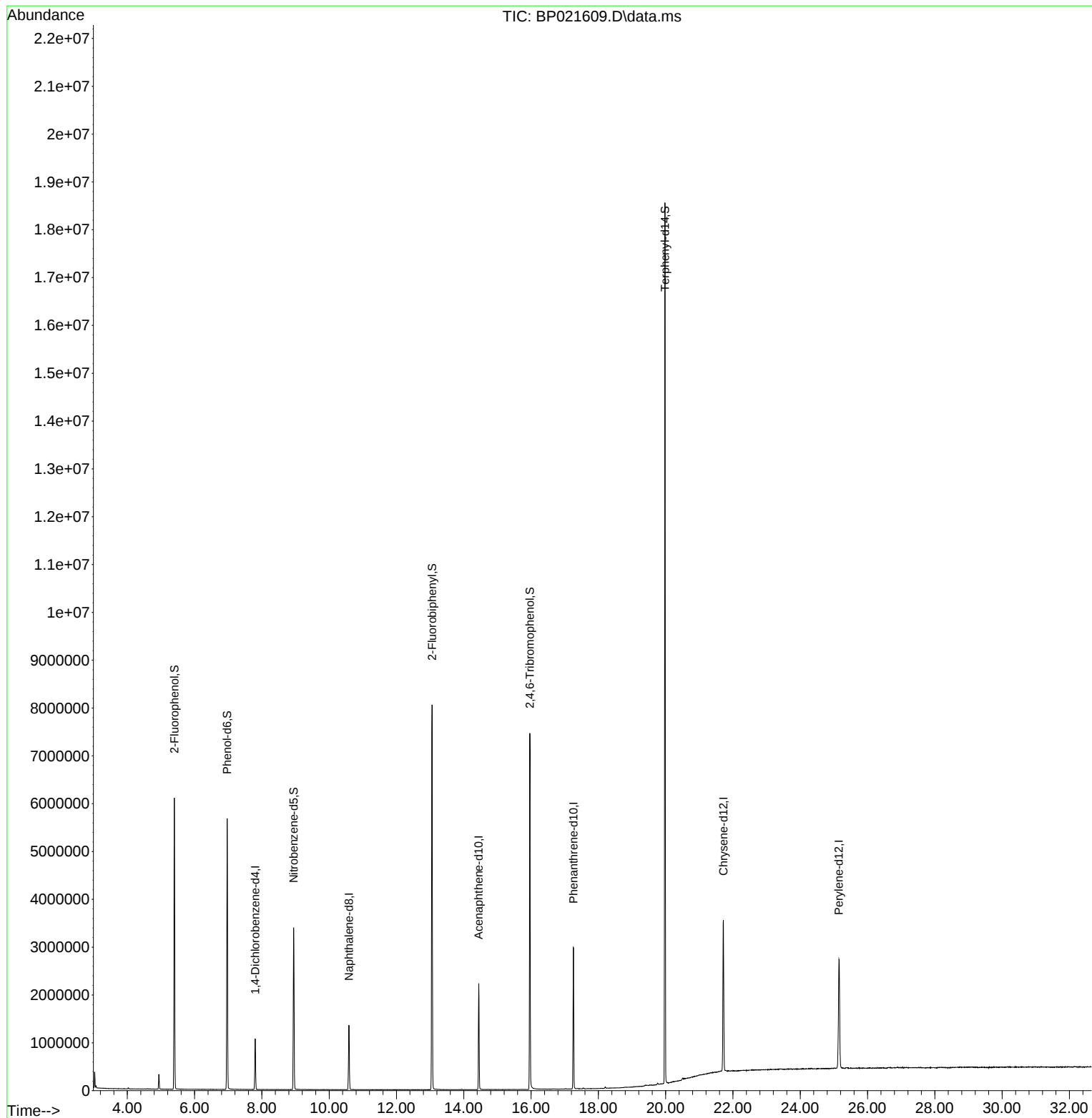
Target Compounds	Qvalue

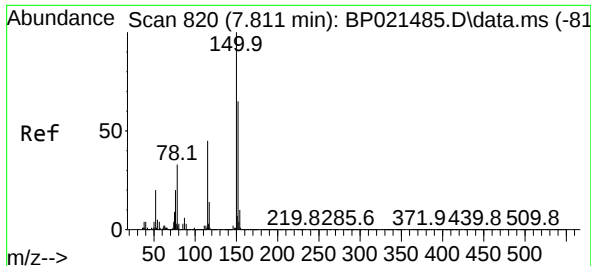
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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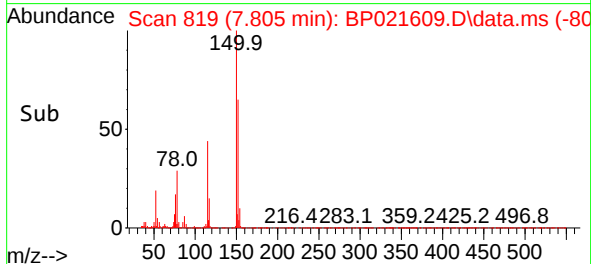
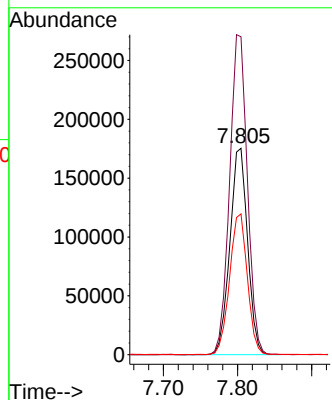
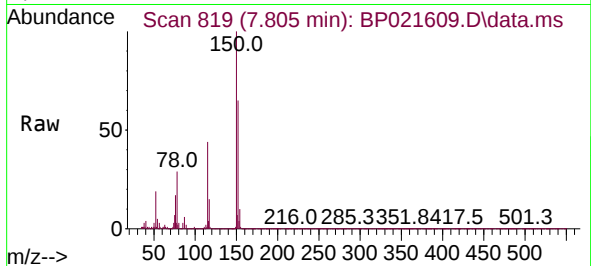




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

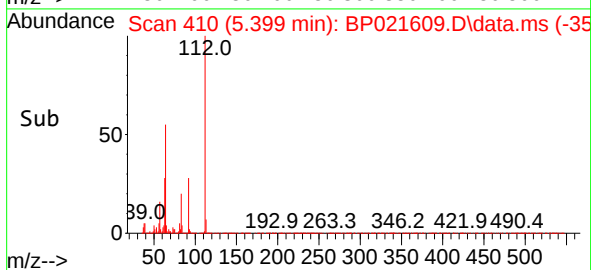
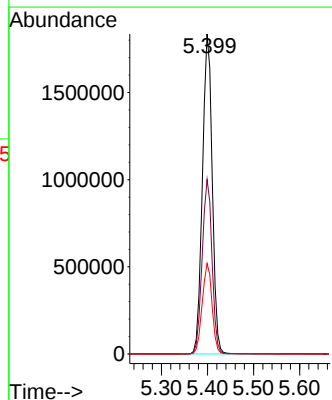
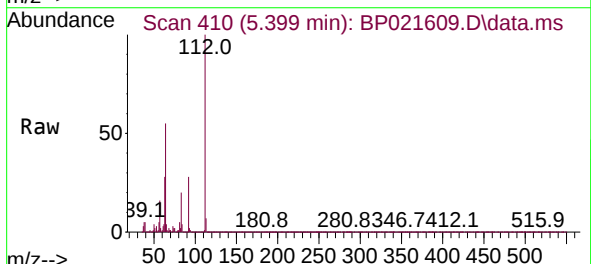
Instrument :
BNA_P
ClientSampleId :
PB162379BL

Tgt Ion:152 Resp: 290745
Ion Ratio Lower Upper
152 100
150 154.0 122.4 183.6
115 68.2 54.7 82.1



#5
2-Fluorophenol
Concen: 139.485 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.000 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

Tgt Ion:112 Resp: 2731208
Ion Ratio Lower Upper
112 100
64 54.6 49.0 73.6
63 28.3 24.6 36.8

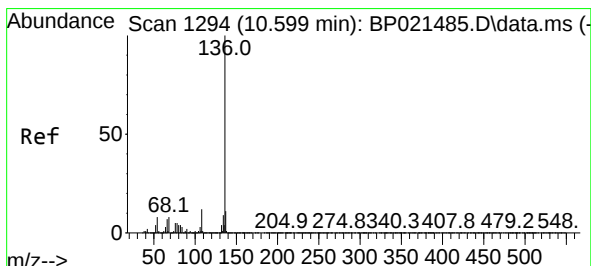
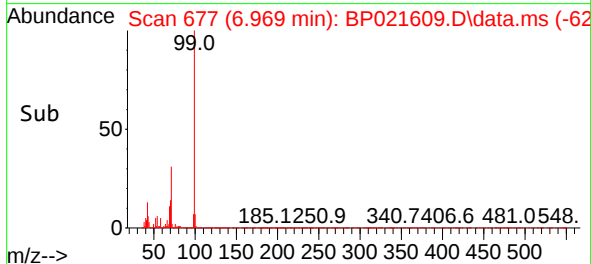
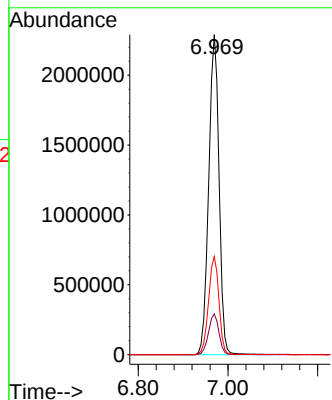
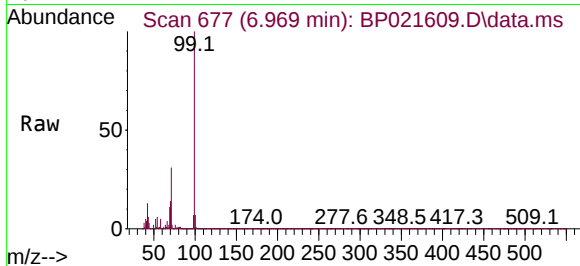




#7
Phenol-d6
Concen: 128.058 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

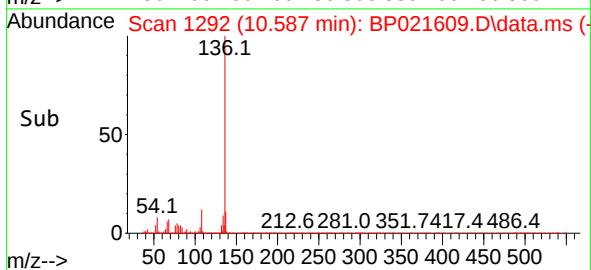
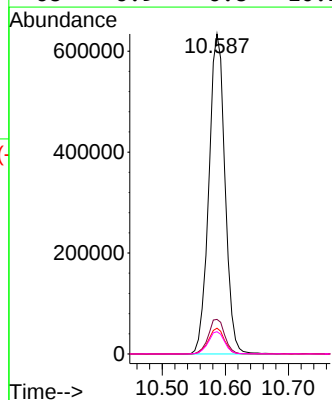
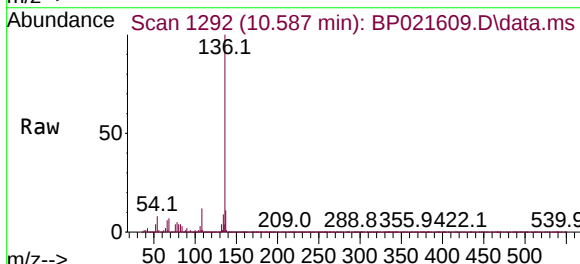
Instrument :
BNA_P
ClientSampleId :
PB162379BL

Tgt Ion: 99 Resp: 3657789
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 30.6 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

Tgt Ion:136 Resp: 1124987
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.0 6.3 9.5
68 6.9 6.8 10.2



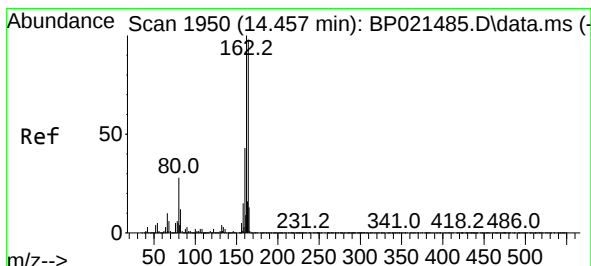
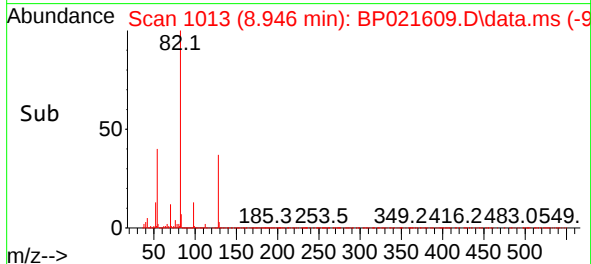
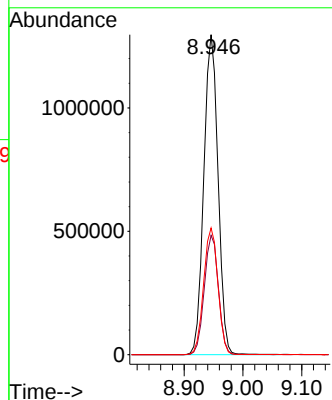
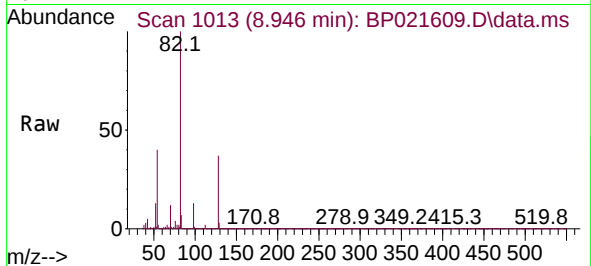


#23
 Nitrobenzene-d5
 Concen: 99.764 ng
 RT: 8.946 min Scan# 1014
 Delta R.T. -0.000 min
 Lab File: BP021609.D
 Acq: 22 Aug 2024 11:33

Instrument :
 BNA_P
 ClientSampleId :
 PB162379BL

Tgt Ion: 82 Resp: 2174428

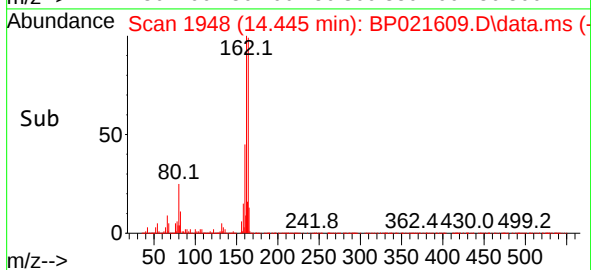
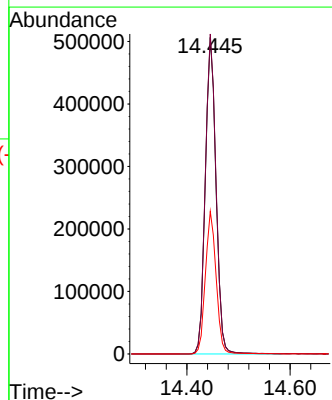
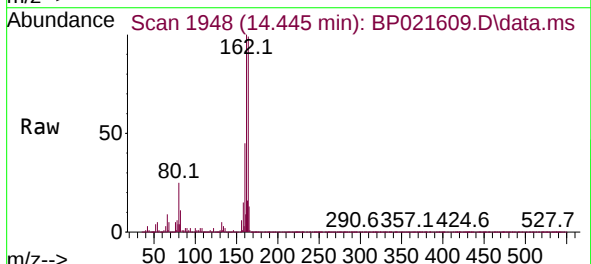
Ion	Ratio	Lower	Upper
82	100		
128	37.3	26.5	39.7
54	39.6	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.445 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: BP021609.D
 Acq: 22 Aug 2024 11:33

Tgt Ion: 164 Resp: 726278

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.5	122.3
160	45.0	35.2	52.8





#42

2,4,6-Tribromophenol

Concen: 175.892 ng

RT: 15.969 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021609.D

Acq: 22 Aug 2024 11:33

Instrument :

BNA_P

ClientSampleId :

PB162379BL

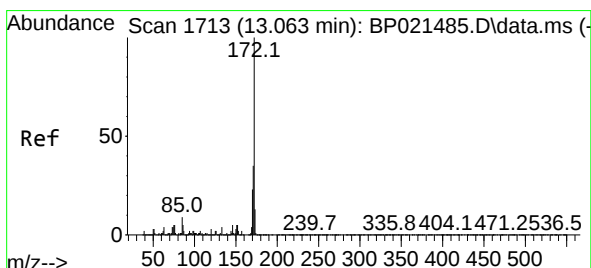
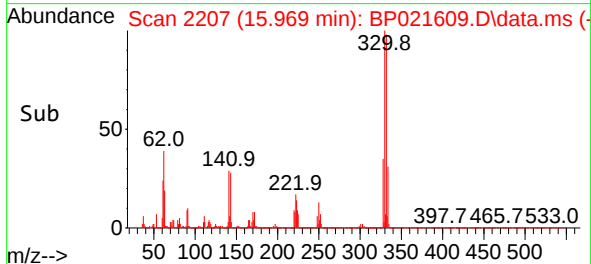
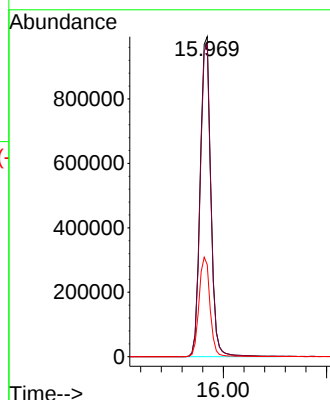
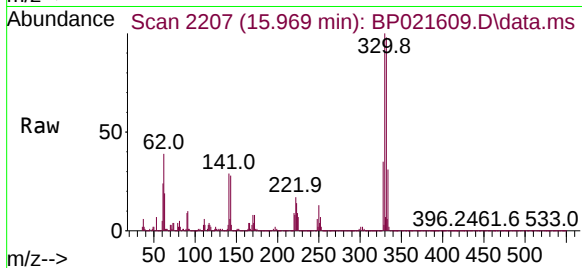
Tgt Ion:330 Resp: 1421767

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

141 32.1 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 87.882 ng

RT: 13.057 min Scan# 1712

Delta R.T. 0.006 min

Lab File: BP021609.D

Acq: 22 Aug 2024 11:33

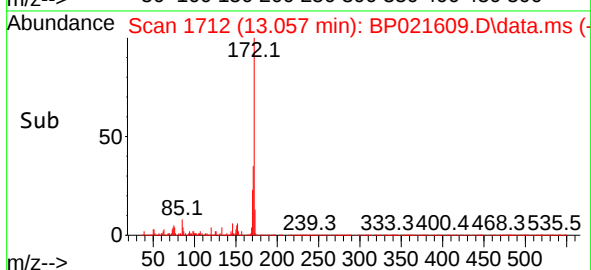
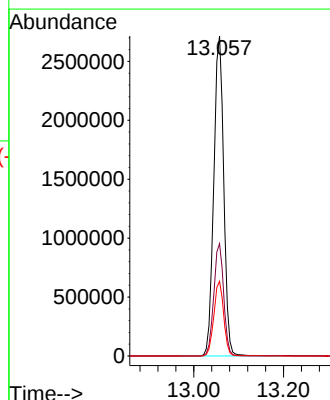
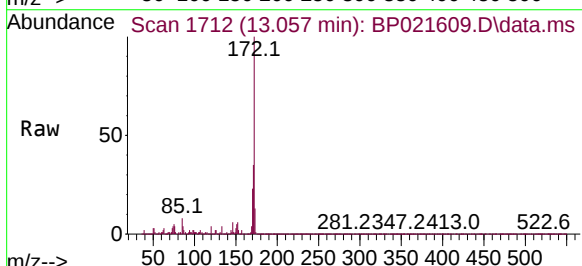
Tgt Ion:172 Resp: 4182185

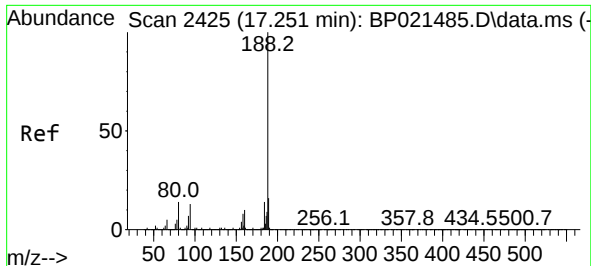
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.3 18.4 27.6

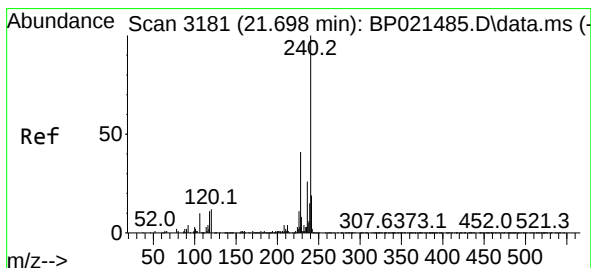
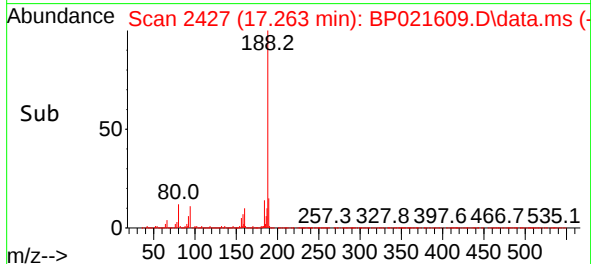
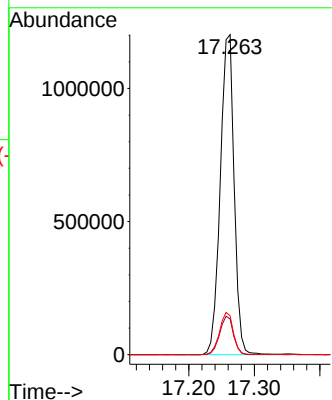
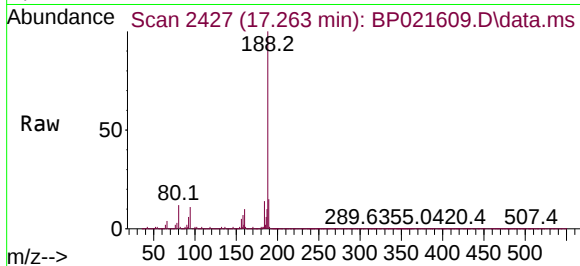




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

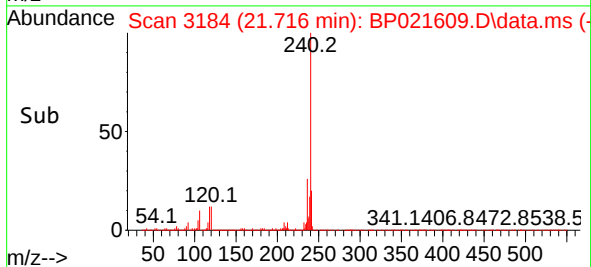
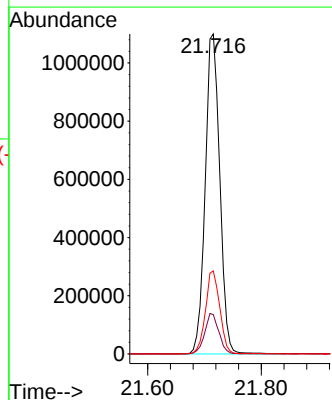
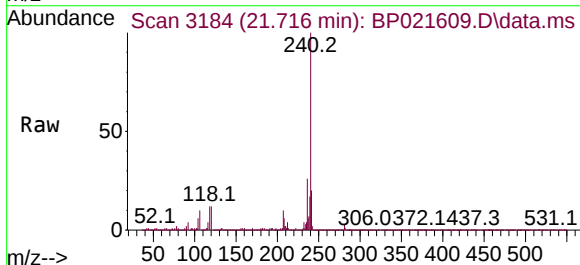
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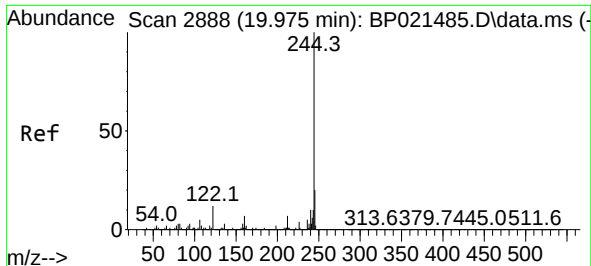
Tgt Ion:188 Resp: 1754800
Ion Ratio Lower Upper
188 100
94 11.2 10.2 15.4
80 12.2 11.6 17.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3184
Delta R.T. -0.000 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

Tgt Ion:240 Resp: 1947306
Ion Ratio Lower Upper
240 100
120 12.3 9.9 14.9
236 25.9 20.6 30.8

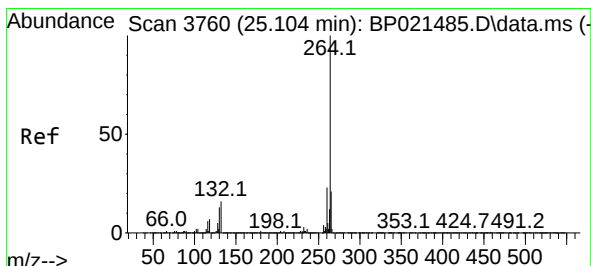
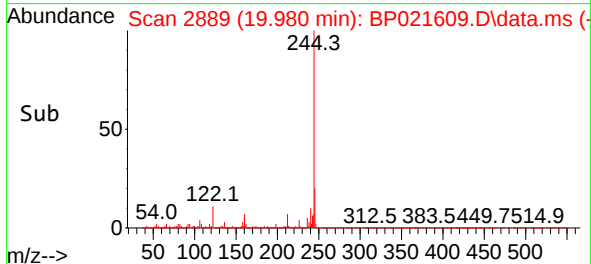
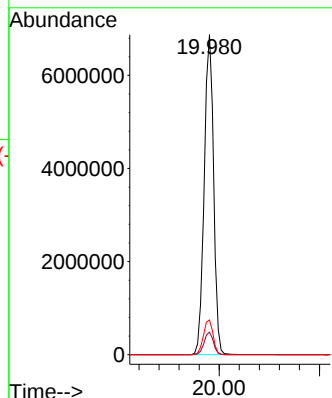
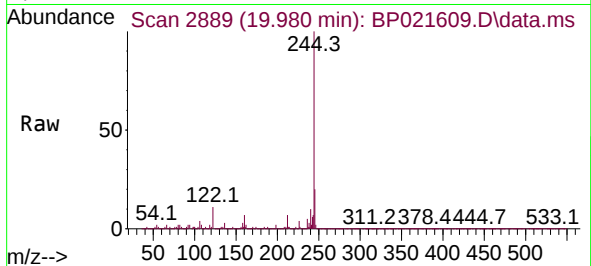




#79
 Terphenyl-d14
 Concen: 89.102 ng
 RT: 19.980 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP021609.D
 Acq: 22 Aug 2024 11:33

Instrument :
 BNA_P
 ClientSampleId :
 PB162379BL

Tgt Ion:244 Resp: 8931165
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.9 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.151 min Scan# 3768
 Delta R.T. -0.000 min
 Lab File: BP021609.D
 Acq: 22 Aug 2024 11:33

Tgt Ion:264 Resp: 2180549
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 22.4 17.1 25.7

