

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090924\
 Data File : BP021868.D
 Acq On : 09 Sep 2024 20:11
 Operator : RC/JU
 Sample : PB163214BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163214BL

Quant Time: Sep 10 00:31:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 00:09:47 2024
 Response via : Initial Calibration

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

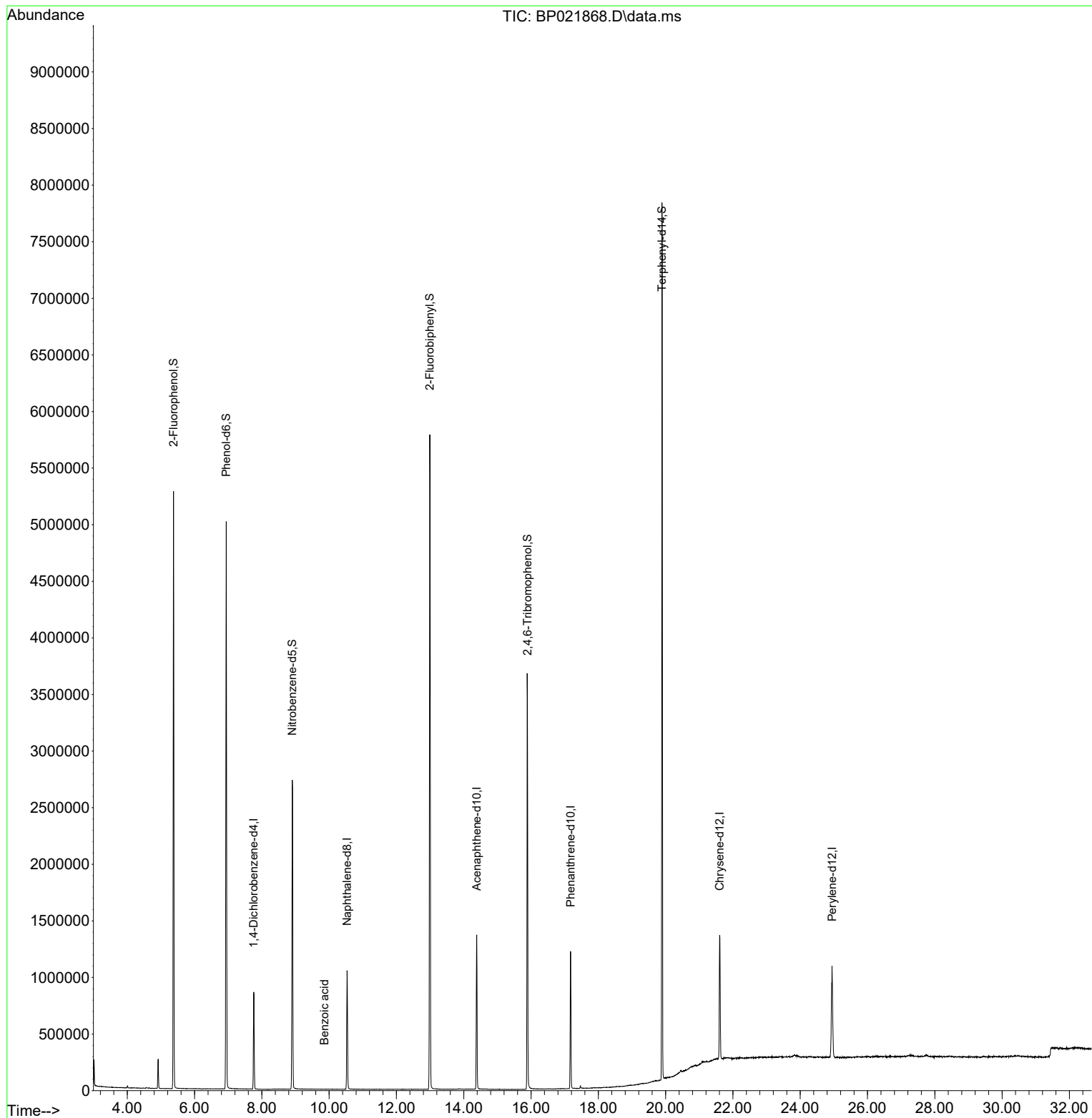
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	214440	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	817062	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	482717	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	741617	20.000	ng	0.00
76) Chrysene-d12	21.604	240	683062	20.000	ng	-0.01
86) Perylene-d12	24.945	264	771383	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2224418	141.270	ng	0.00
7) Phenol-d6	6.940	99	2972232	138.449	ng	0.00
23) Nitrobenzene-d5	8.905	82	1775479	114.559	ng	0.00
42) 2,4,6-Tribromophenol	15.893	330	614668	108.230	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	3077110	103.887	ng	0.00
79) Terphenyl-d14	19.892	244	3593905	107.985	ng	0.00
Target Compounds						
32) Benzoic acid	9.858	122	92	5.387	ng	Qvalue # 58

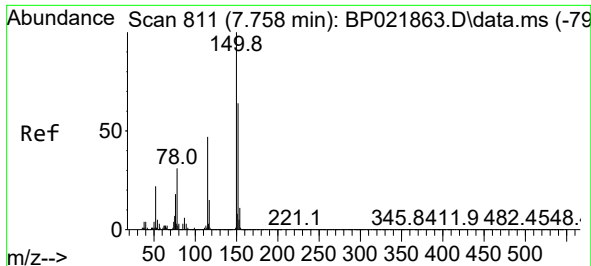
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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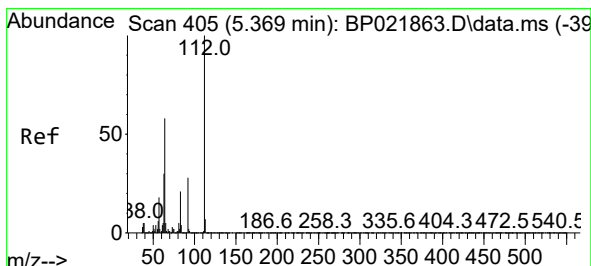
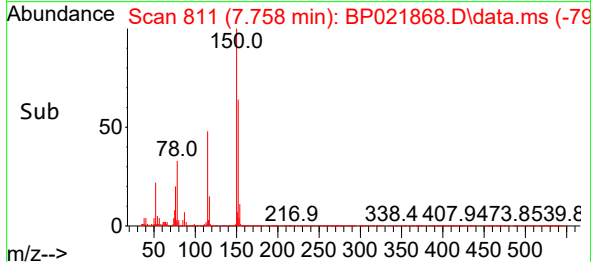
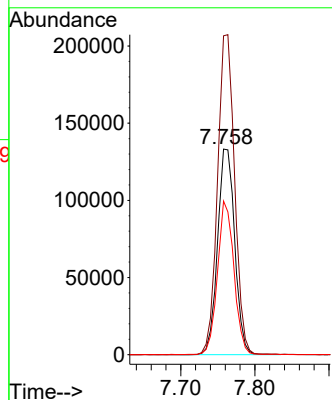
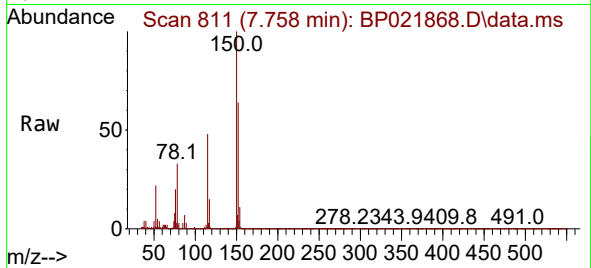




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 811
Delta R.T. -0.000 min
Lab File: BP021868.D
Acq: 09 Sep 2024 20:11

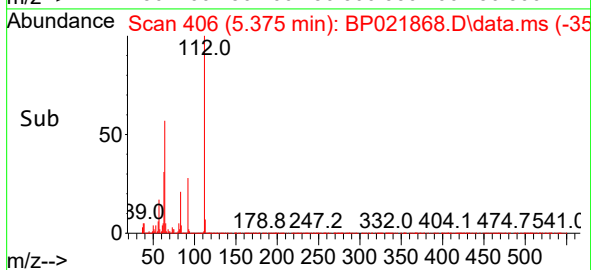
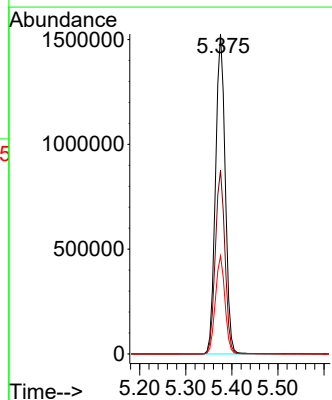
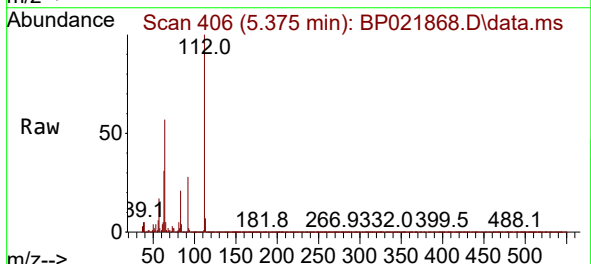
Instrument :
BNA_P
ClientSampleId :
PB163214BL

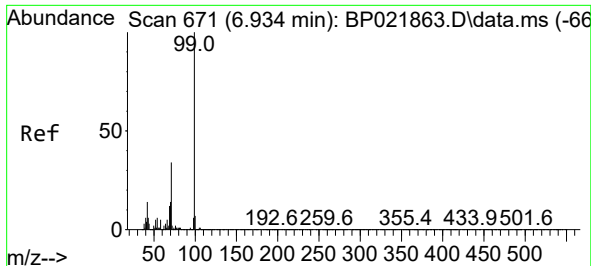
Tgt Ion:152 Resp: 214440
Ion Ratio Lower Upper
152 100
150 155.2 125.6 188.4
115 74.7 58.9 88.3



#5
2-Fluorophenol
Concen: 141.270 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.006 min
Lab File: BP021868.D
Acq: 09 Sep 2024 20:11

Tgt Ion:112 Resp: 2224418
Ion Ratio Lower Upper
112 100
64 57.4 46.6 70.0
63 30.7 24.2 36.2

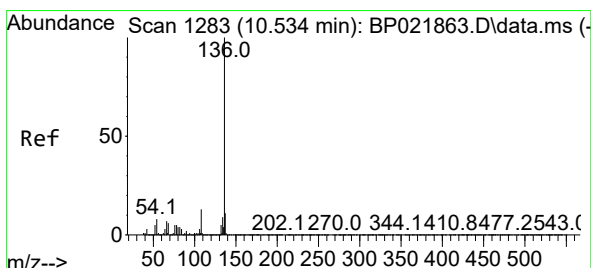
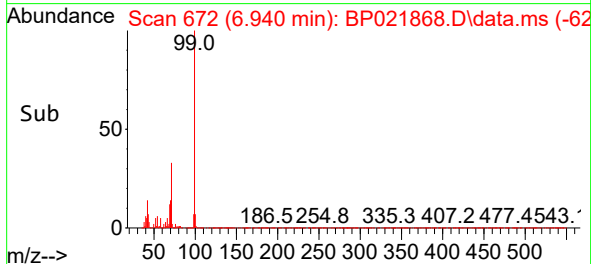
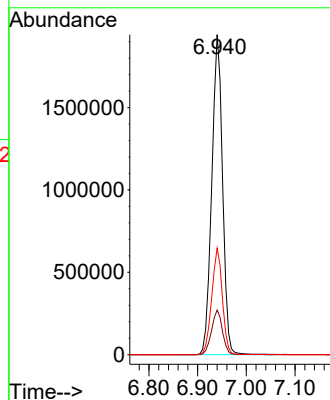
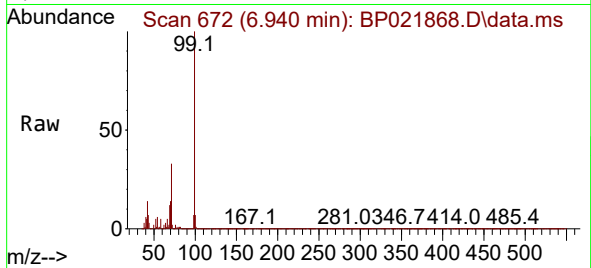




#7
Phenol-d6
Concen: 138.449 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021868.D
Acq: 09 Sep 2024 20:11

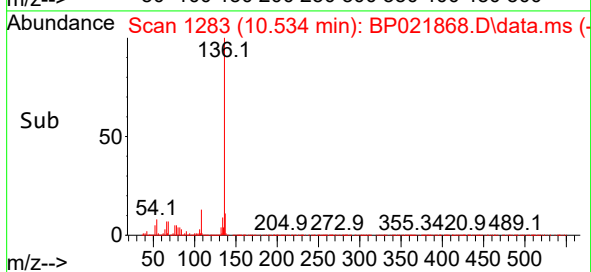
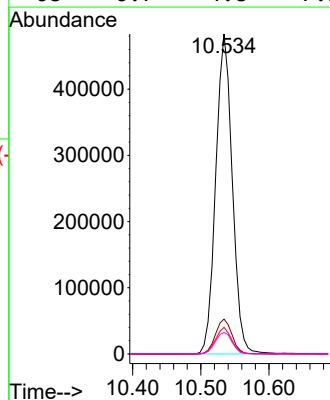
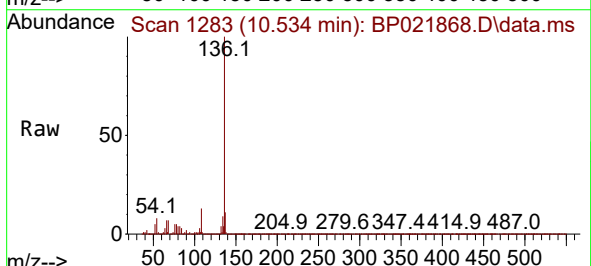
Instrument :
BNA_P
ClientSampleId :
PB163214BL

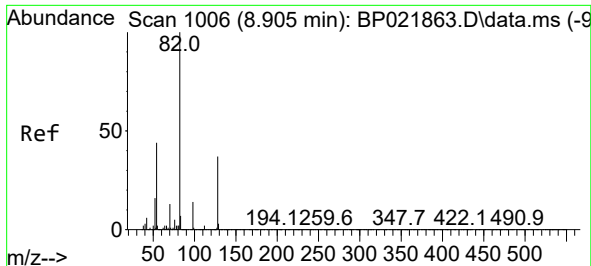
Tgt Ion: 99 Resp: 2972232
Ion Ratio Lower Upper
99 100
42 14.0 11.0 16.6
71 33.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP021868.D
Acq: 09 Sep 2024 20:11

Tgt Ion:136 Resp: 817062
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.3 6.2 9.4
68 6.7 4.8 7.2

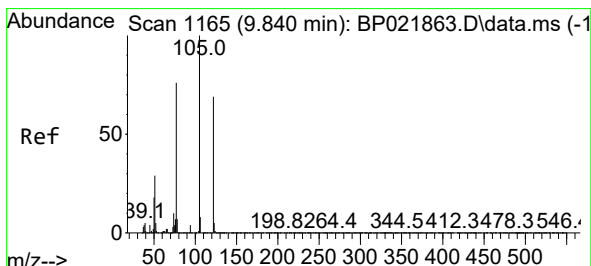
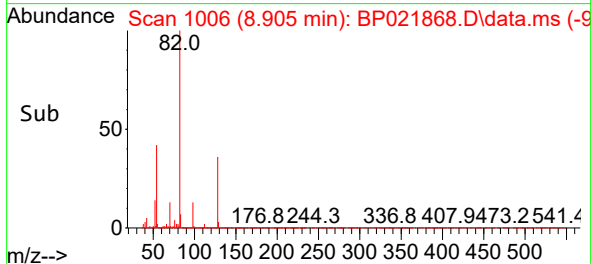
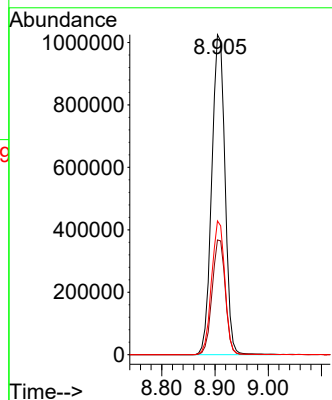
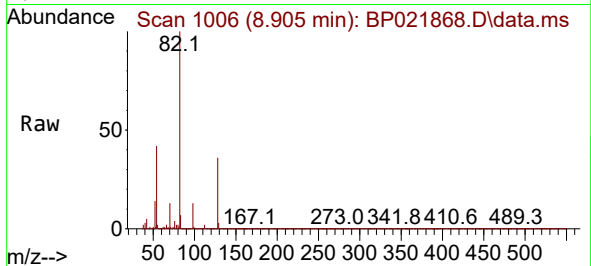




#23
Nitrobenzene-d5
Concen: 114.559 ng
RT: 8.905 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP021868.D
Acq: 09 Sep 2024 20:11

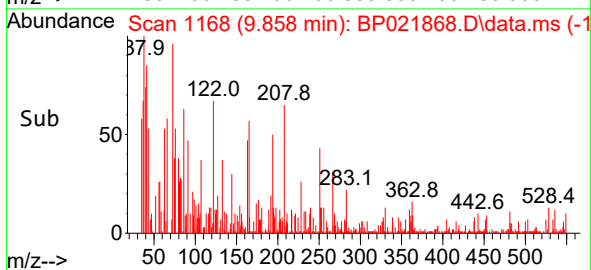
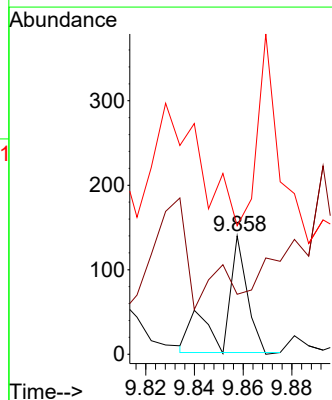
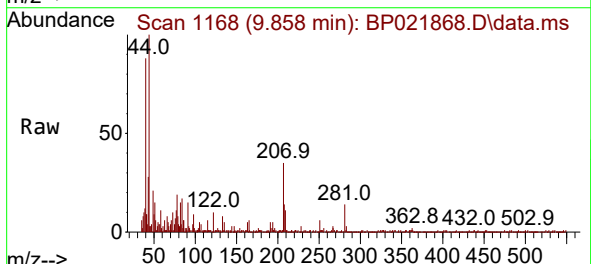
Instrument :
BNA_P
ClientSampleId :
PB163214BL

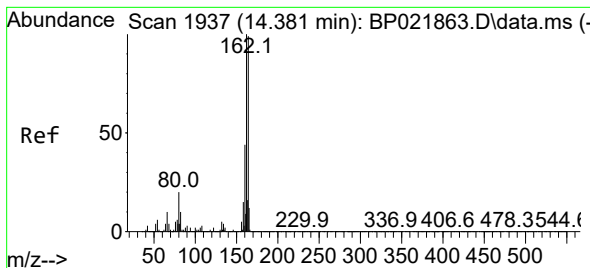
Tgt Ion: 82 Resp: 1775479
Ion Ratio Lower Upper
82 100
128 35.9 29.4 44.0
54 41.8 35.5 53.3



#32
Benzoic acid
Concen: 5.387 ng
RT: 9.858 min Scan# 1168
Delta R.T. 0.018 min
Lab File: BP021868.D
Acq: 09 Sep 2024 20:11

Tgt Ion:122 Resp: 92
Ion Ratio Lower Upper
122 100
105 50.7 120.9 160.9#
77 108.6 88.0 128.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.387 min Scan# 1938

Delta R.T. 0.006 min

Lab File: BP021868.D

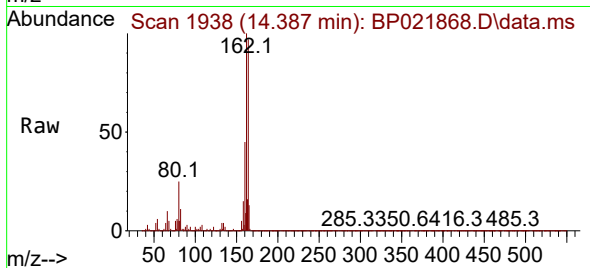
Acq: 09 Sep 2024 20:11

Instrument :

BNA_P

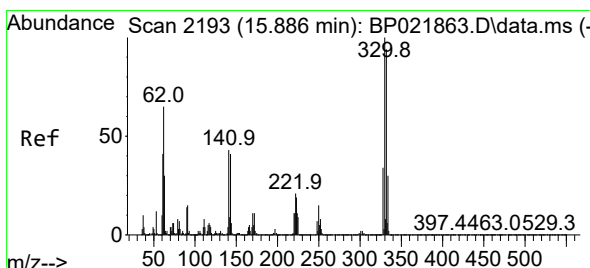
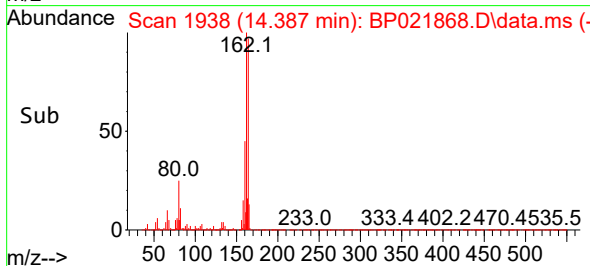
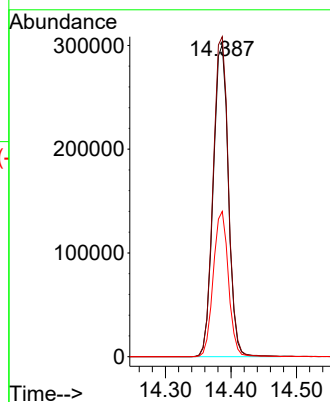
ClientSampleId :

PB163214BL



Tgt Ion:164 Resp: 482717

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.8	121.2
160	46.6	35.8	53.8



#42

2,4,6-Tribromophenol

Concen: 108.230 ng

RT: 15.893 min Scan# 2194

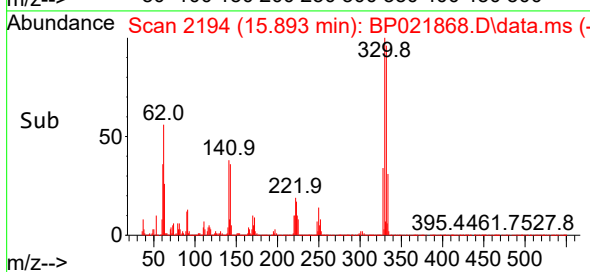
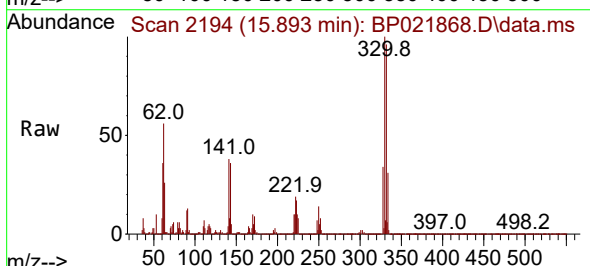
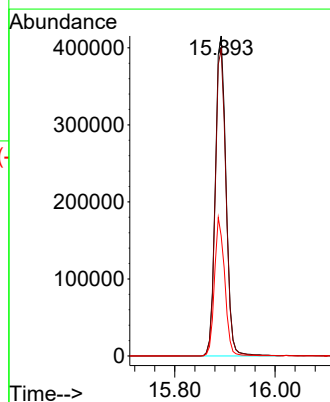
Delta R.T. 0.006 min

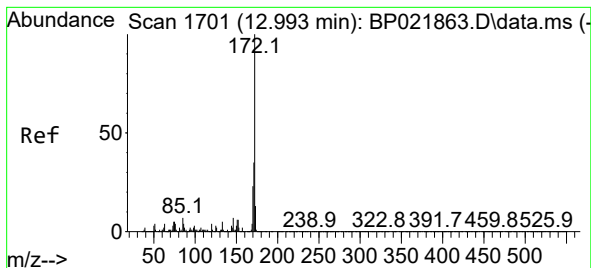
Lab File: BP021868.D

Acq: 09 Sep 2024 20:11

Tgt Ion:330 Resp: 614668

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	41.5	33.7	50.5





#45

2-Fluorobiphenyl

Concen: 103.887 ng

RT: 12.993 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP021868.D

Acq: 09 Sep 2024 20:11

Instrument :

BNA_P

ClientSampleId :

PB163214BL

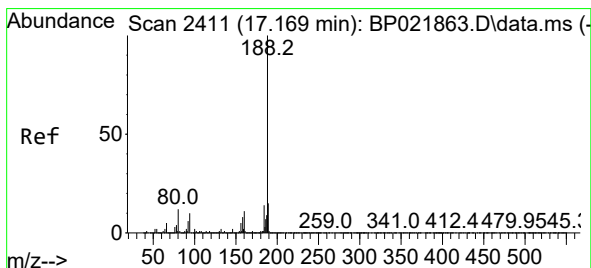
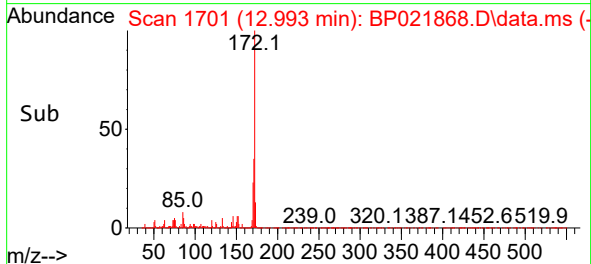
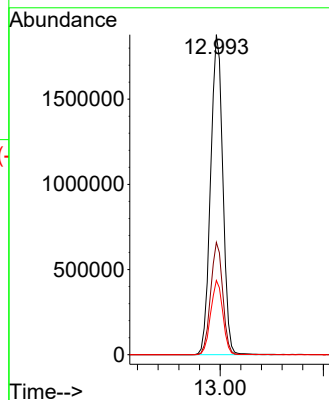
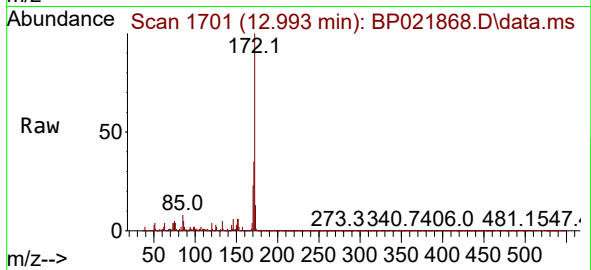
Tgt Ion:172 Resp: 3077110

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.2 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 2412

Delta R.T. 0.006 min

Lab File: BP021868.D

Acq: 09 Sep 2024 20:11

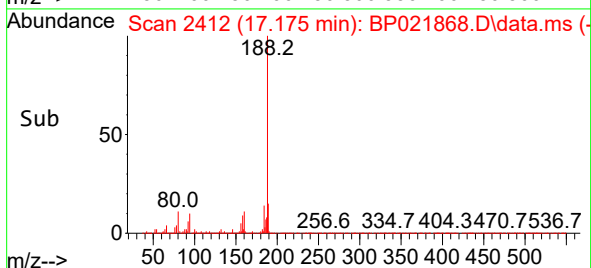
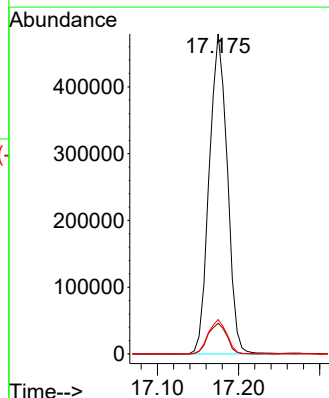
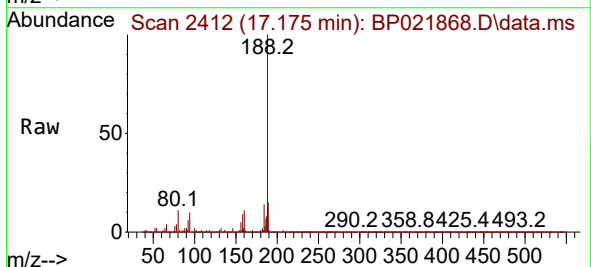
Tgt Ion:188 Resp: 741617

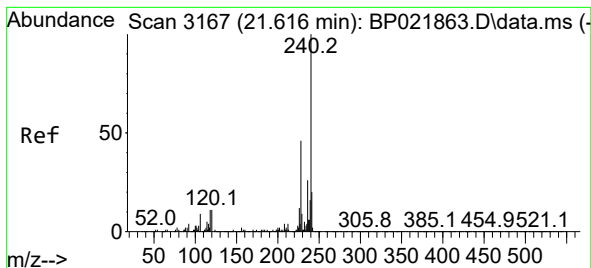
Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

80 10.8 9.3 13.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3165

Delta R.T. -0.012 min

Lab File: BP021868.D

Acq: 09 Sep 2024 20:11

Instrument :

BNA_P

ClientSampleId :

PB163214BL

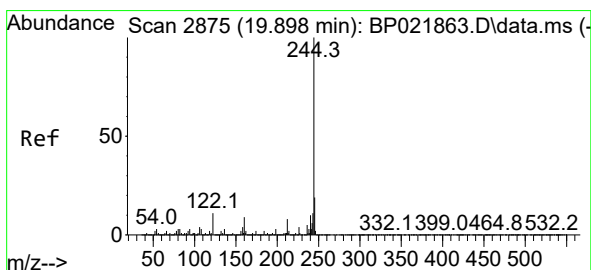
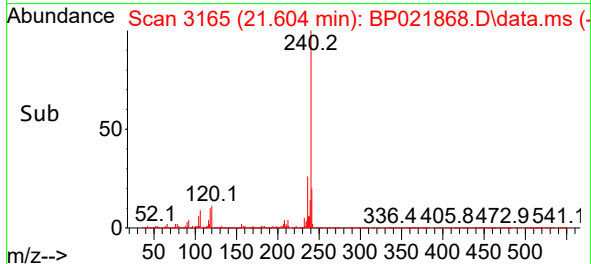
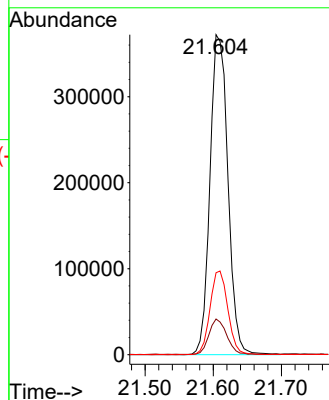
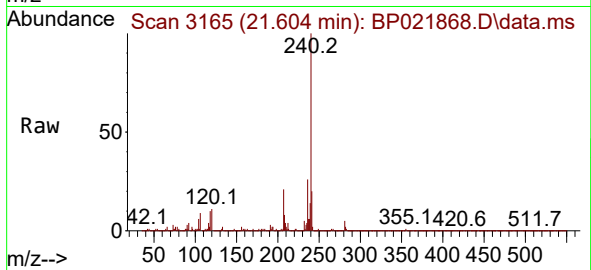
Tgt Ion:240 Resp: 683062

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.4

236 25.6 20.7 31.1



#79

Terphenyl-d14

Concen: 107.985 ng

RT: 19.892 min Scan# 2874

Delta R.T. -0.006 min

Lab File: BP021868.D

Acq: 09 Sep 2024 20:11

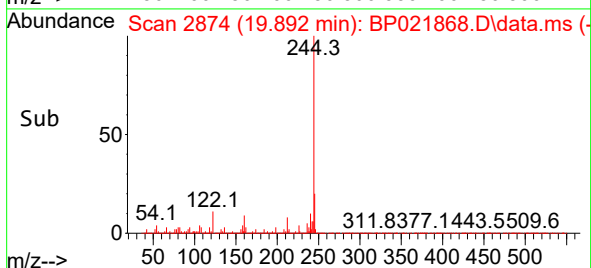
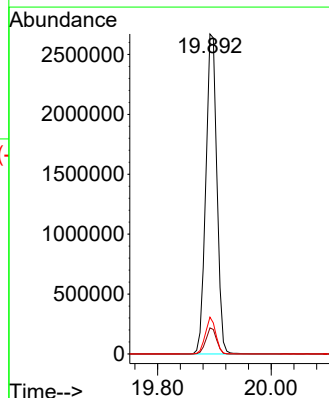
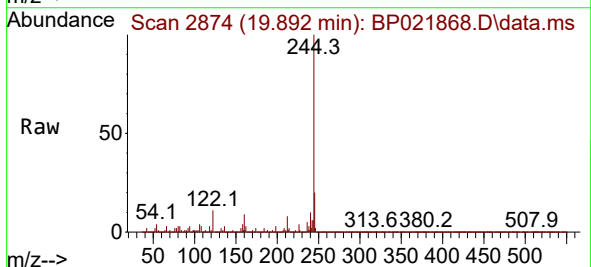
Tgt Ion:244 Resp: 3593905

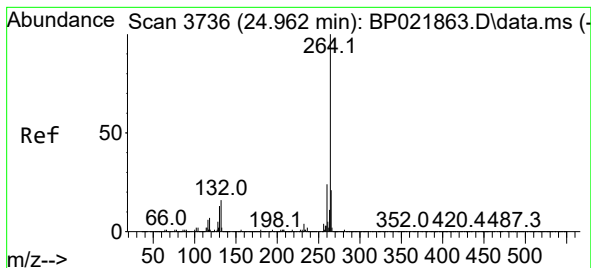
Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

122 11.5 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP021868.D

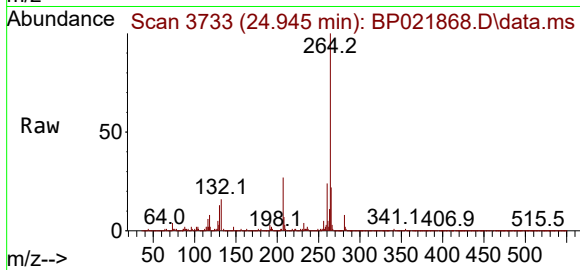
Acq: 09 Sep 2024 20:11

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:264 Resp: 771383

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.1 17.3 25.9

