

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
 Data File : BP020508.D
 Acq On : 04 Jun 2024 23:23
 Operator : MA/JU
 Sample : P2687-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11977

Quant Time: Jun 05 01:27:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

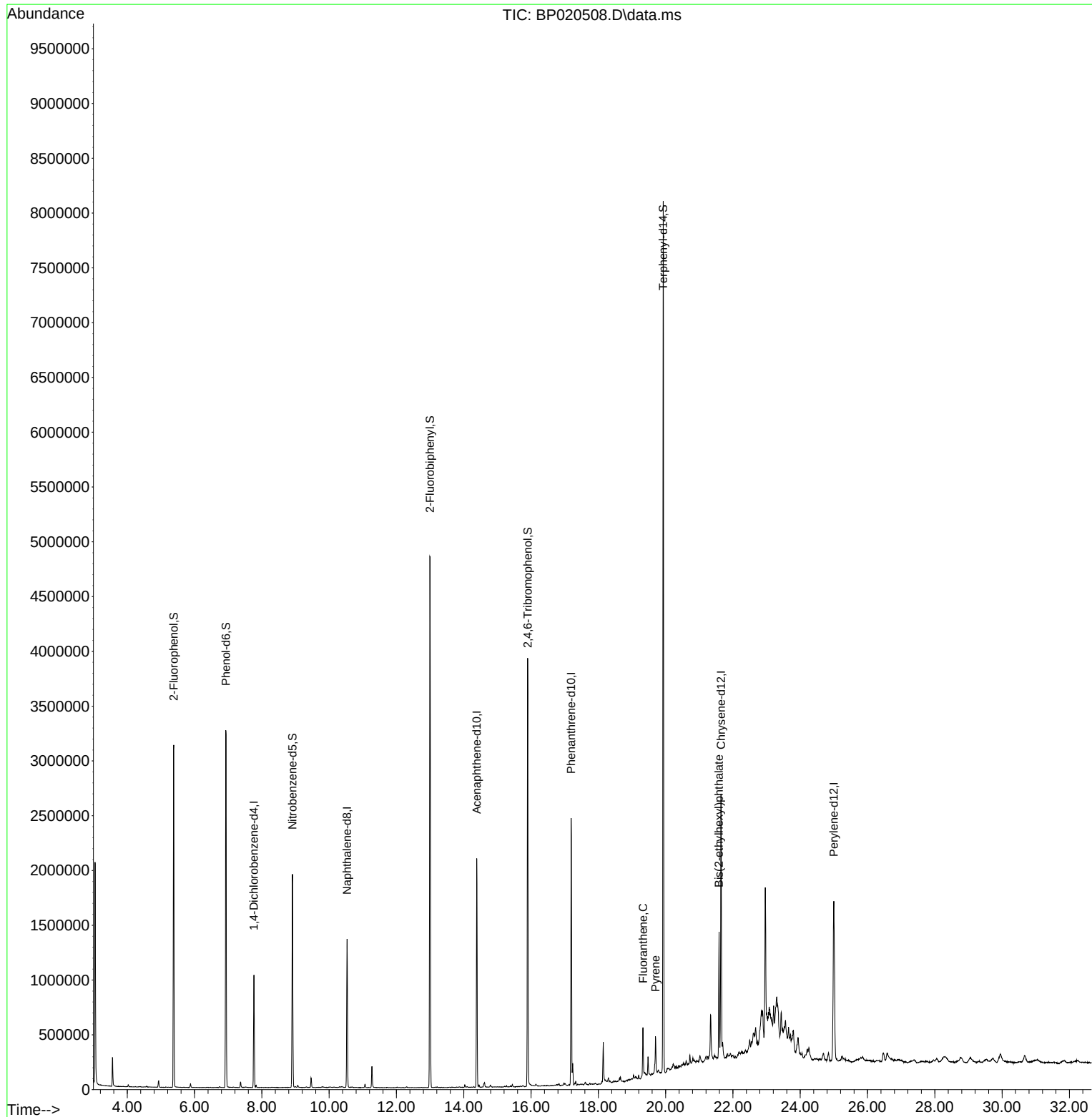
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	278825	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1139079	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	734212	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1531045	20.000	ng	-0.01
76) Chrysene-d12	21.645	240	1407479	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1569893	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1360647	87.373	ng	0.00
7) Phenol-d6	6.928	99	1836701	83.632	ng	0.00
23) Nitrobenzene-d5	8.911	82	1126299	54.126	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	744064	97.650	ng	0.00
45) 2-Fluorobiphenyl	12.999	172	2746999	55.774	ng	0.00
79) Terphenyl-d14	19.928	244	4363401	51.609	ng	-0.02
Target Compounds						
						Qvalue
75) Fluoranthene	19.328	202	286157	3.214	ng	99
78) Pyrene	19.698	202	219623	2.074	ng	98
84) Bis(2-ethylhexyl)phtha...	21.586	149	461636	7.662	ng	99

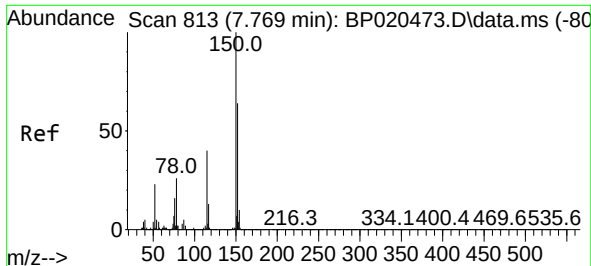
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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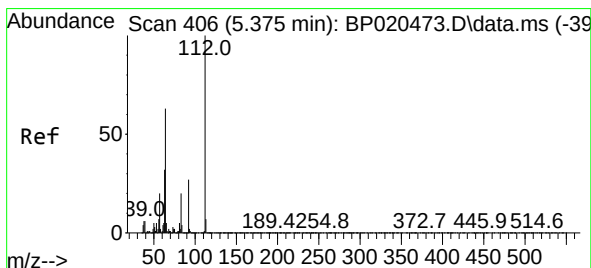
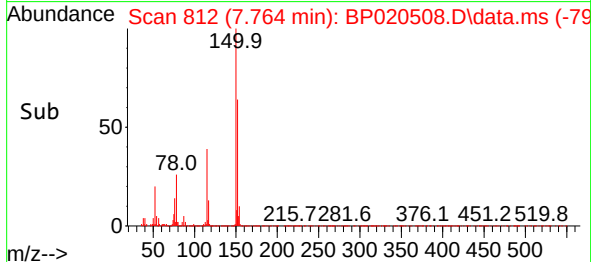
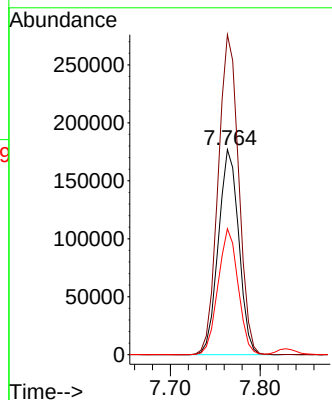
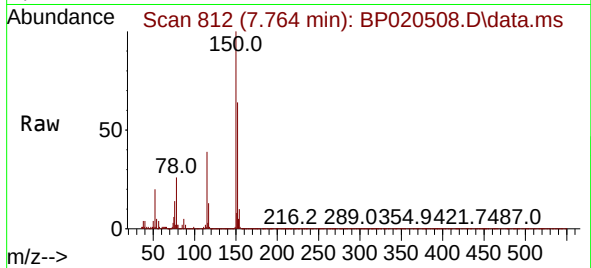




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.764 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

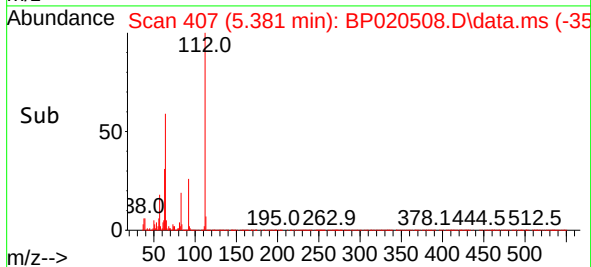
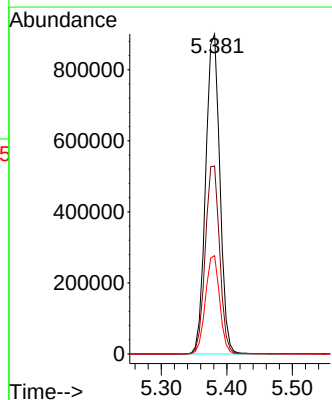
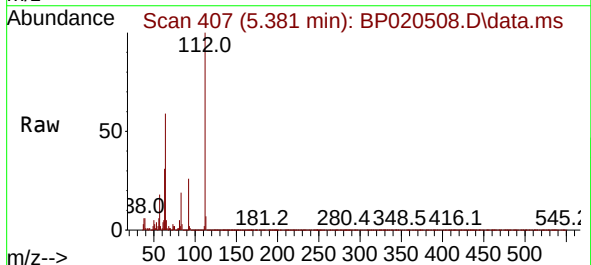
Instrument :
BNA_P
ClientSampleId :
72-11977

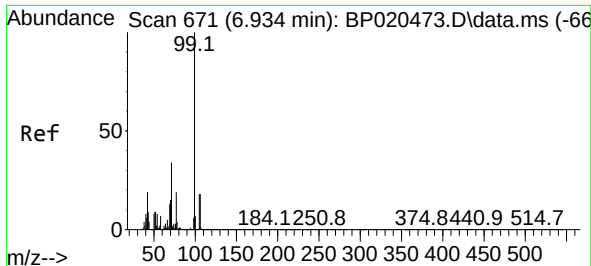
Tgt Ion:152 Resp: 278825
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.2
115 61.4 49.5 74.3



#5
2-Fluorophenol
Concen: 87.373 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

Tgt Ion:112 Resp: 1360647
Ion Ratio Lower Upper
112 100
64 58.7 50.1 75.1
63 30.7 25.7 38.5





#7

Phenol-d6

Concen: 83.632 ng

RT: 6.928 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP020508.D

Acq: 04 Jun 2024 23:23

Instrument :

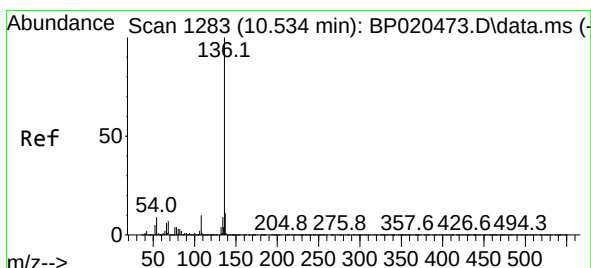
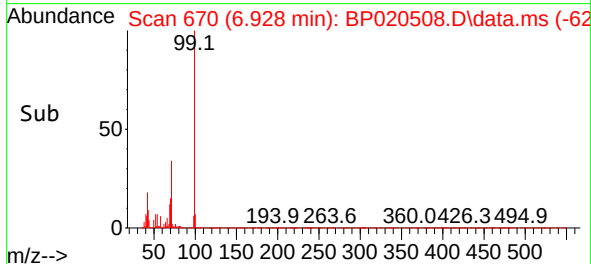
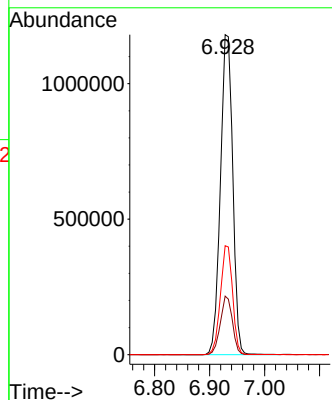
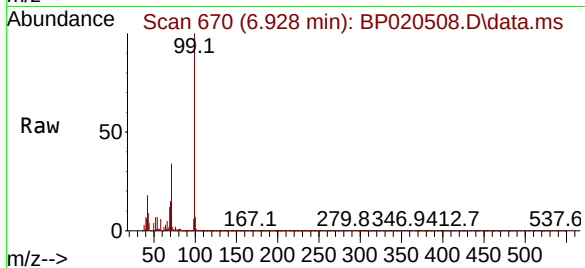
BNA_P

ClientSampleId :

72-11977

Tgt Ion: 99 Resp: 1836701

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	34.0	27.3	40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.534 min Scan# 1283

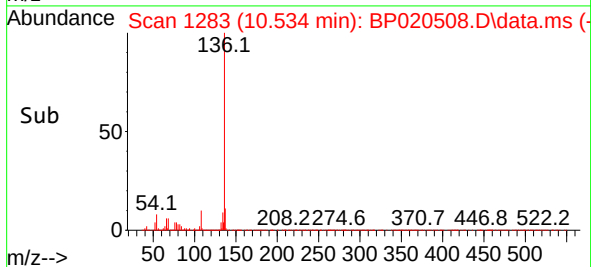
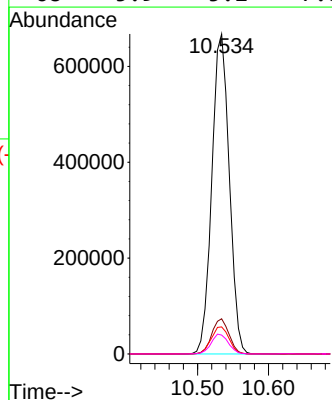
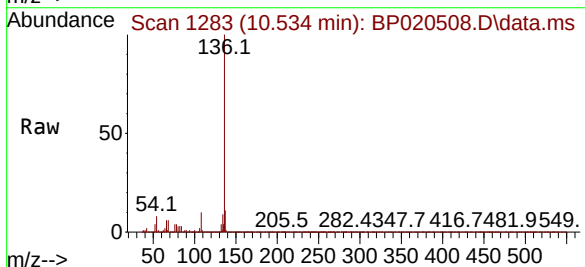
Delta R.T. 0.000 min

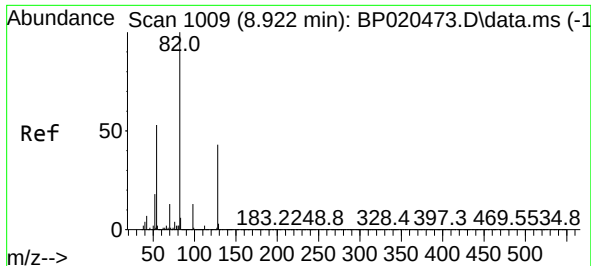
Lab File: BP020508.D

Acq: 04 Jun 2024 23:23

Tgt Ion:136 Resp: 1139079

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.5	7.4	11.0
68	5.9	5.2	7.8

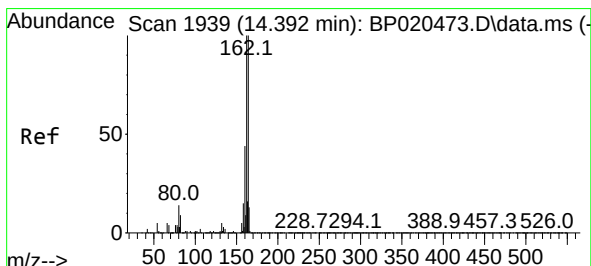
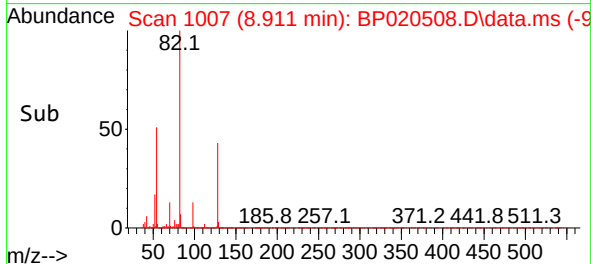
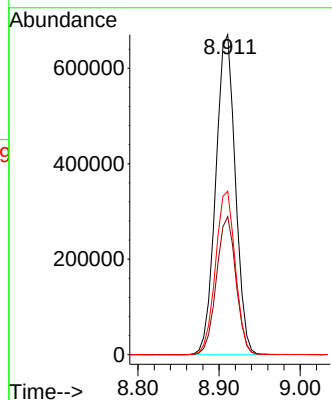
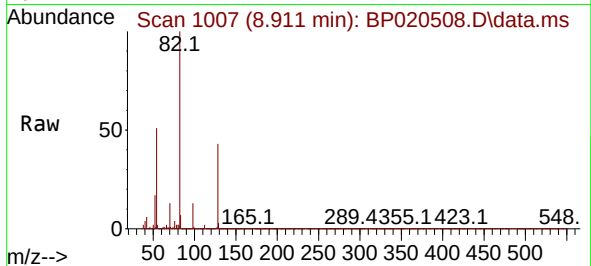




#23
Nitrobenzene-d5
Concen: 54.126 ng
RT: 8.911 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

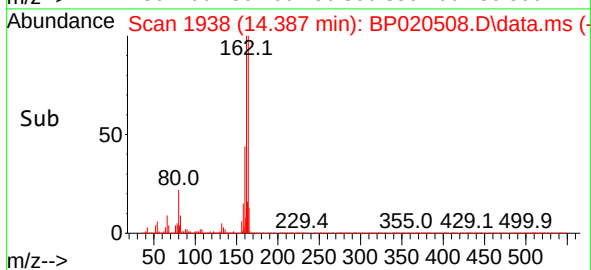
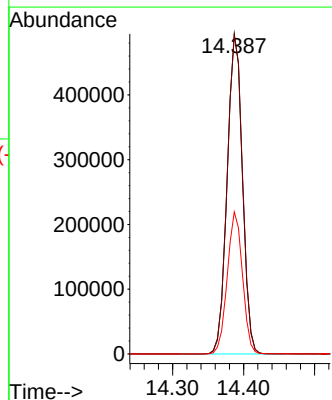
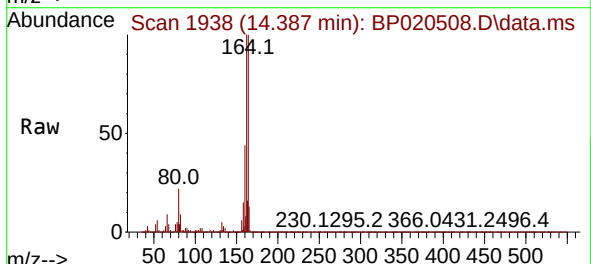
Instrument :
BNA_P
ClientSampleId :
72-11977

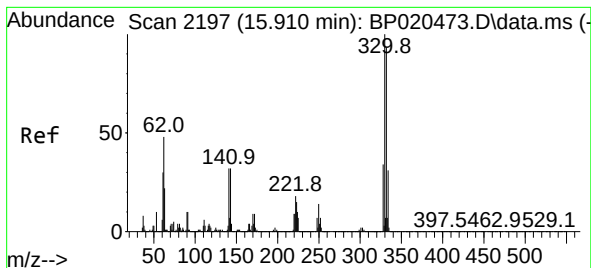
Tgt Ion: 82 Resp: 1126299
Ion Ratio Lower Upper
82 100
128 43.2 34.2 51.4
54 51.1 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

Tgt Ion: 164 Resp: 734212
Ion Ratio Lower Upper
164 100
162 99.6 80.3 120.5
160 44.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 97.650 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020508.D

Acq: 04 Jun 2024 23:23

Instrument :

BNA_P

ClientSampleId :

72-11977

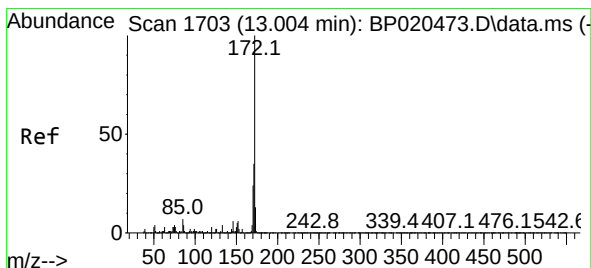
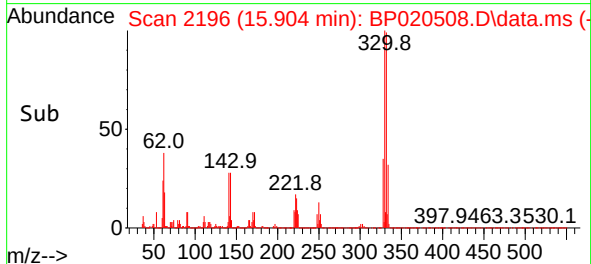
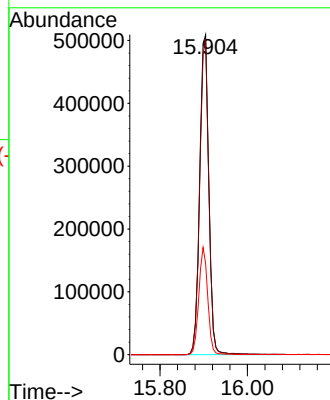
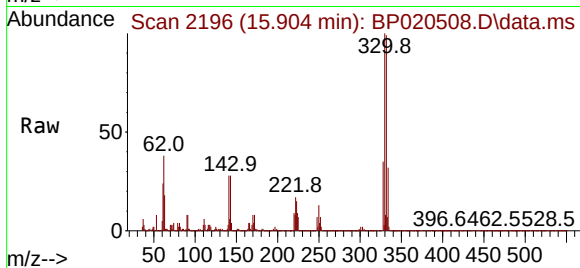
Tgt Ion:330 Resp: 744064

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

141 32.7 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 55.774 ng

RT: 12.999 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP020508.D

Acq: 04 Jun 2024 23:23

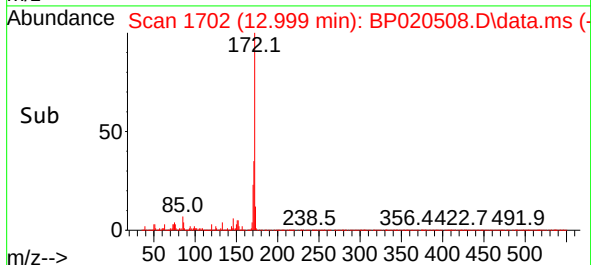
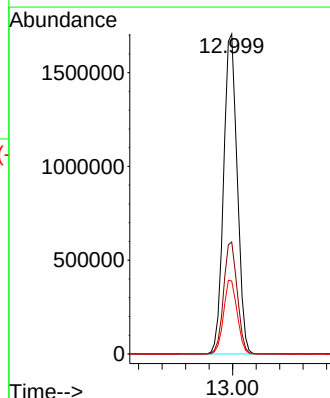
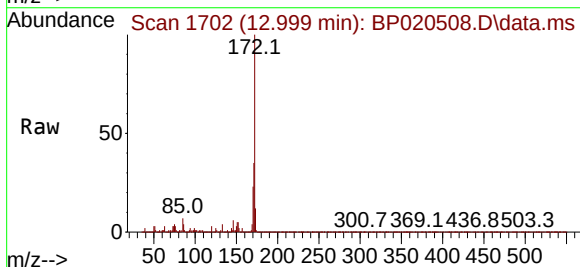
Tgt Ion:172 Resp: 2746999

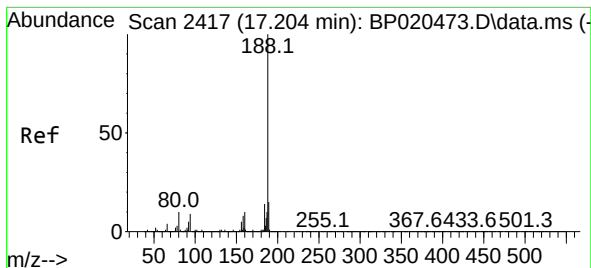
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 22.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP020508.D

Acq: 04 Jun 2024 23:23

Instrument :

BNA_P

ClientSampleId :

72-11977

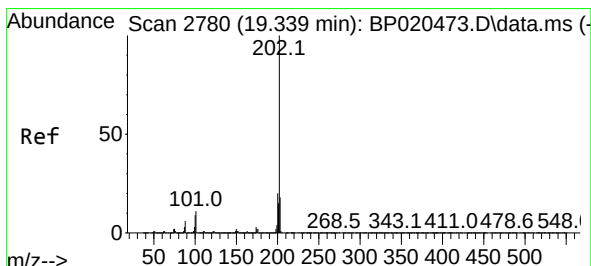
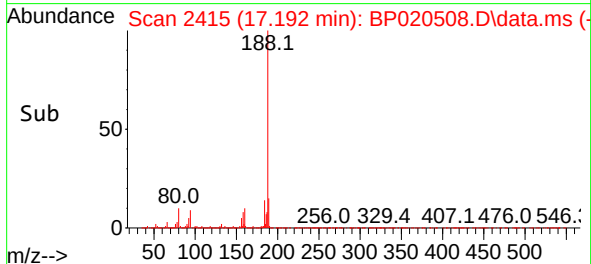
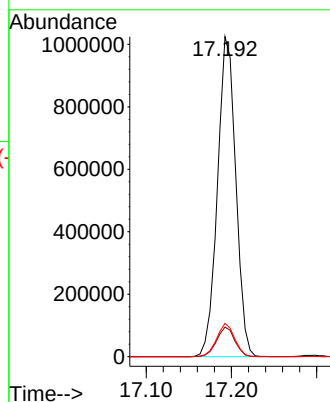
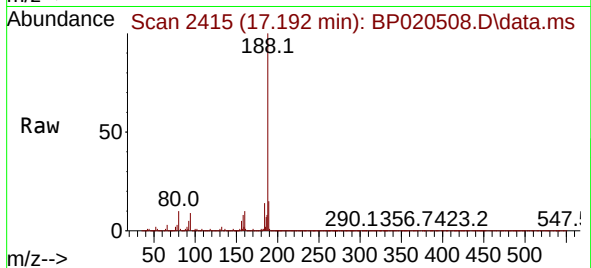
Tgt Ion:188 Resp: 1531045

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 10.4 8.1 12.1



#75

Fluoranthene

Concen: 3.214 ng

RT: 19.328 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BP020508.D

Acq: 04 Jun 2024 23:23

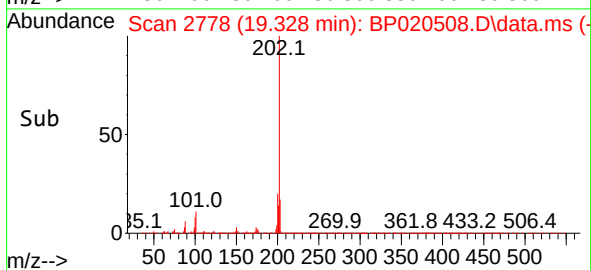
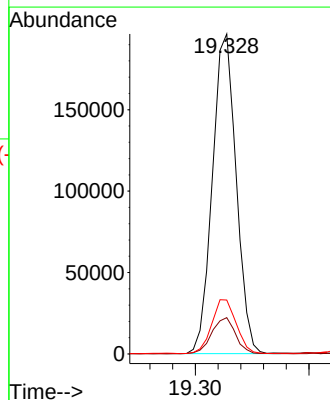
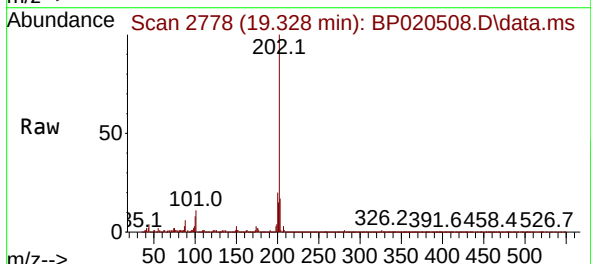
Tgt Ion:202 Resp: 286157

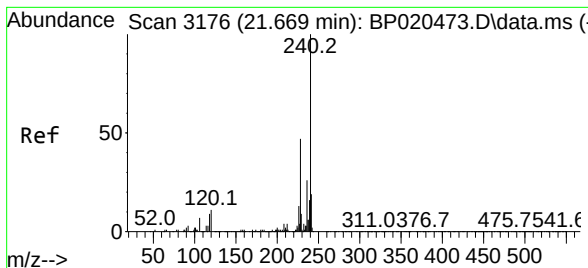
Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.4

203 16.8 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP020508.D

Acq: 04 Jun 2024 23:23

Instrument :

BNA_P

ClientSampleId :

72-11977

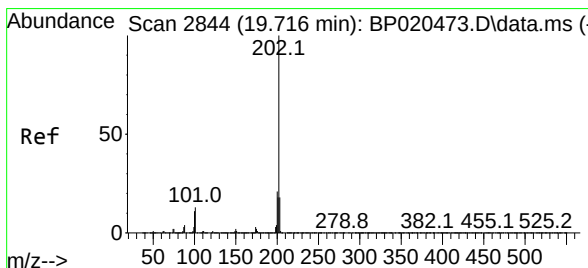
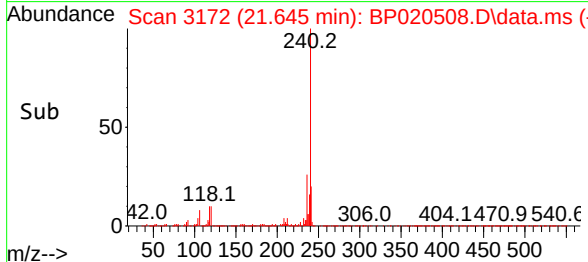
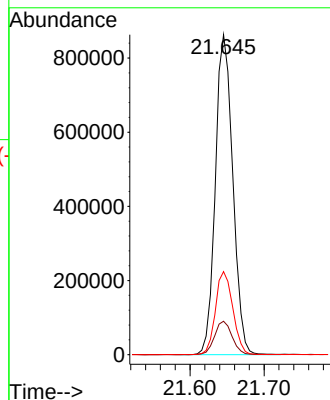
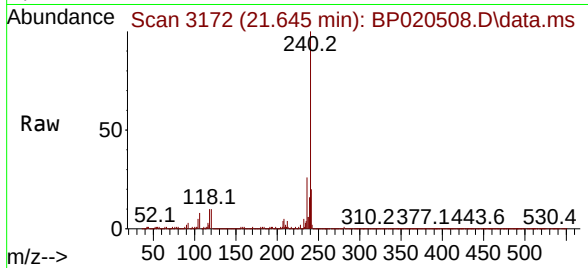
Tgt Ion:240 Resp: 1407479

Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

236 26.0 20.5 30.7



#78

Pyrene

Concen: 2.074 ng

RT: 19.698 min Scan# 2841

Delta R.T. -0.018 min

Lab File: BP020508.D

Acq: 04 Jun 2024 23:23

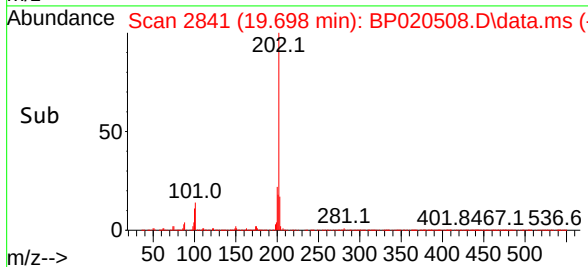
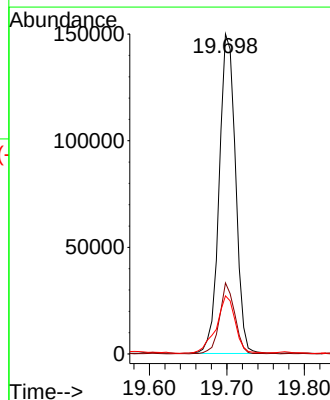
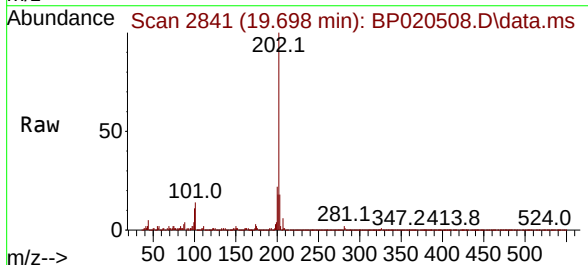
Tgt Ion:202 Resp: 219623

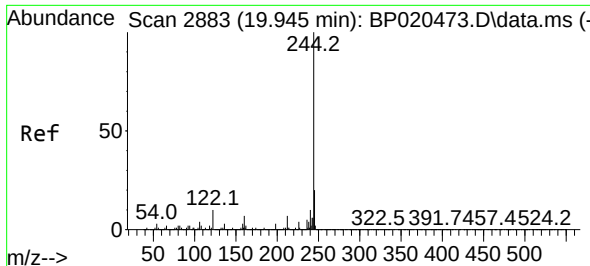
Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

203 18.2 14.1 21.1

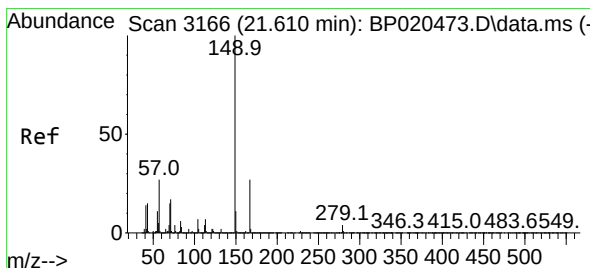
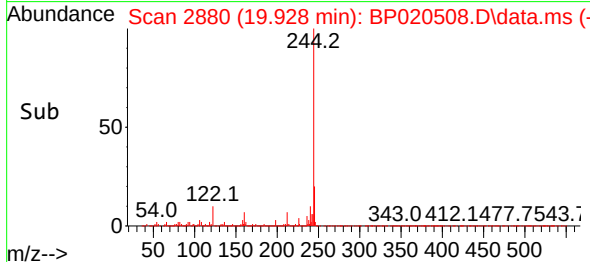
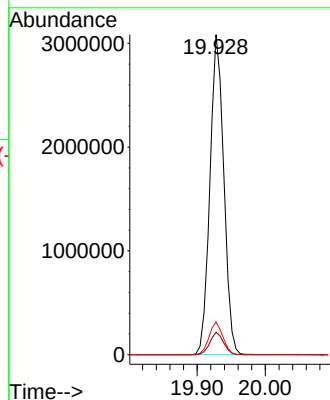
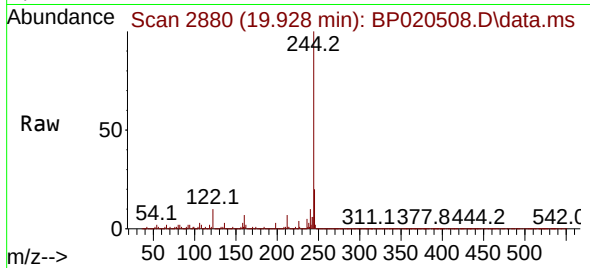




#79
 Terphenyl-d14
 Concen: 51.609 ng
 RT: 19.928 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BP020508.D
 Acq: 04 Jun 2024 23:23

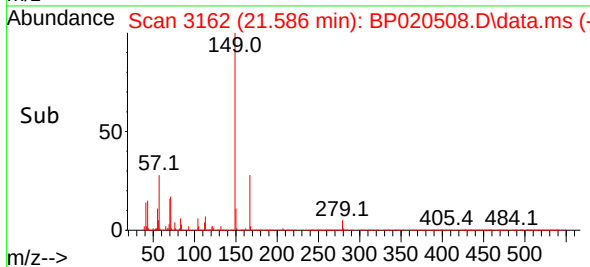
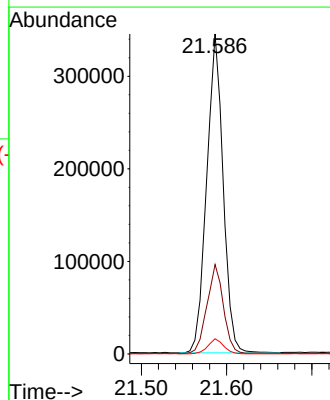
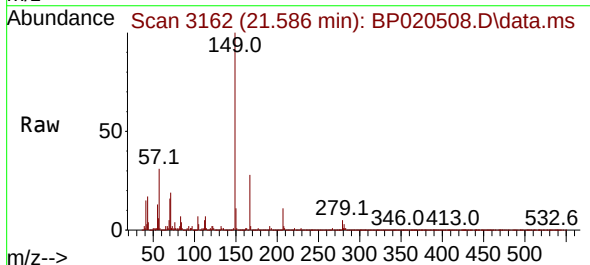
Instrument :
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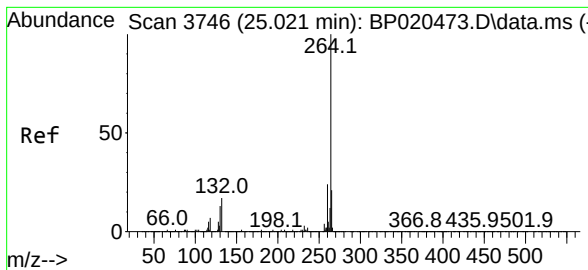
Tgt Ion:244 Resp: 4363401
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.2 8.2 12.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.662 ng
 RT: 21.586 min Scan# 3162
 Delta R.T. -0.023 min
 Lab File: BP020508.D
 Acq: 04 Jun 2024 23:23

Tgt Ion:149 Resp: 461636
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.8 32.6
 279 4.7 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP020508.D

Acq: 04 Jun 2024 23:23

Instrument :

BNA_P

ClientSampleId :

72-11977

Tgt Ion:264 Resp: 1569893

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.6 17.4 26.0

