

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061024\
 Data File : BP020576.D
 Acq On : 10 Jun 2024 14:02
 Operator : MA/JU
 Sample : P2740-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WCS-TPA

Quant Time: Jun 10 14:43:23 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	7.757	152	247480	20.000	ng	-0.01
21) Naphthalene-d8	10.533	136	931159	20.000	ng	0.00
39) Acenaphthene-d10	14.386	164	611527	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1368745	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1314039	20.000	ng	-0.02
86) Perylene-d12	25.021	264	1450973	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1728049	125.020	ng	0.00
7) Phenol-d6	6.939	99	2084519	106.938	ng	0.00
23) Nitrobenzene-d5	8.910	82	1496568	87.979	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	1074244	169.266	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3389852	82.635	ng	0.00
79) Terphenyl-d14	19.933	244	5894984	74.682	ng	-0.01

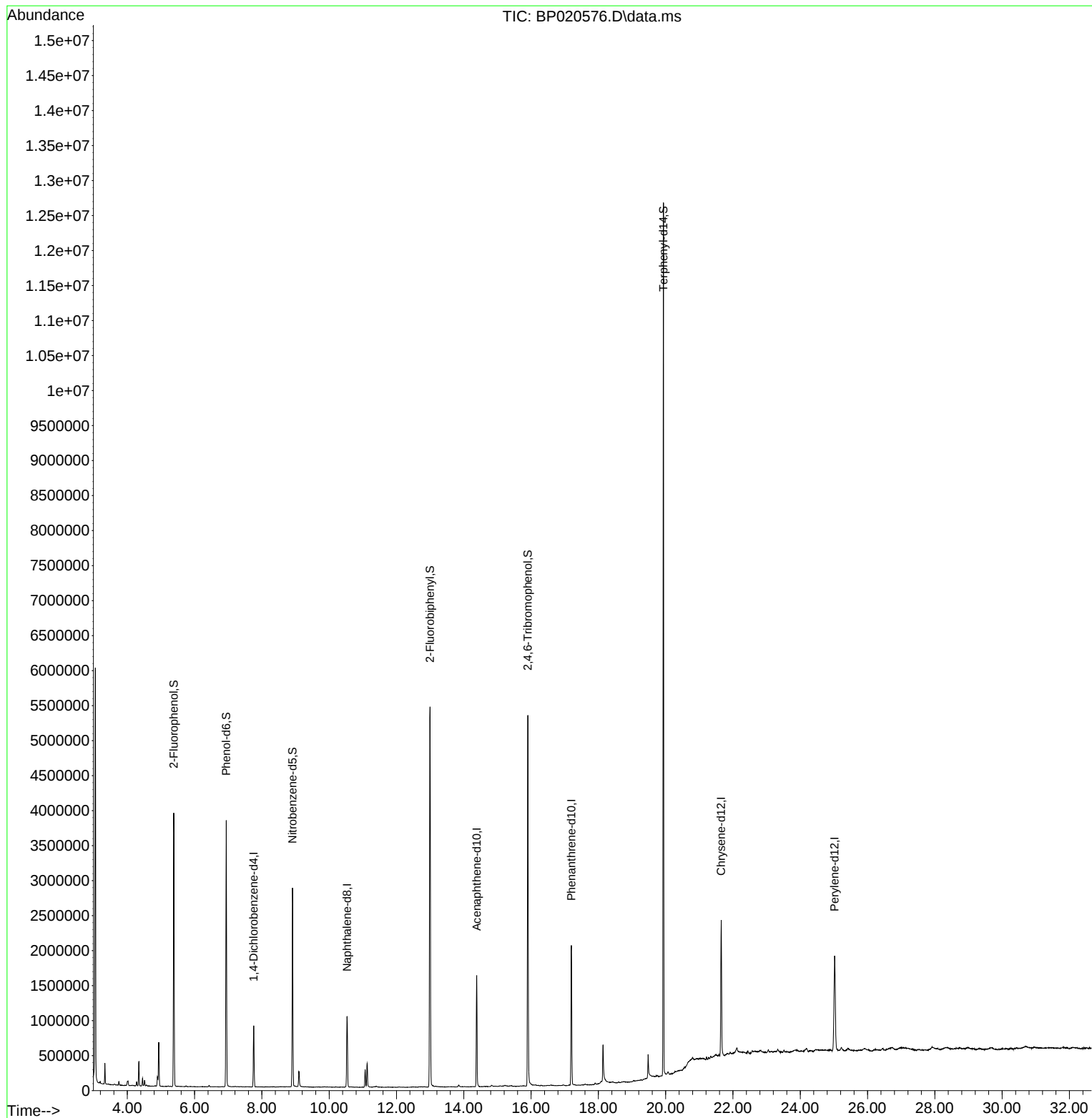
Target Compounds	Qvalue

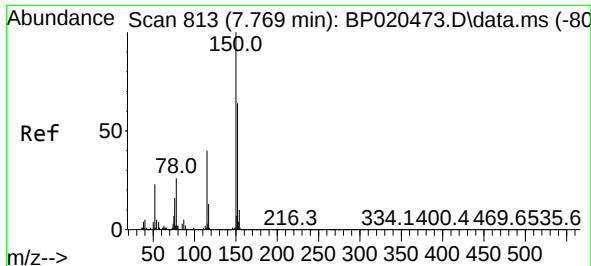
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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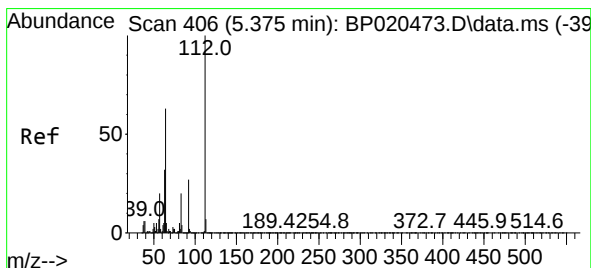
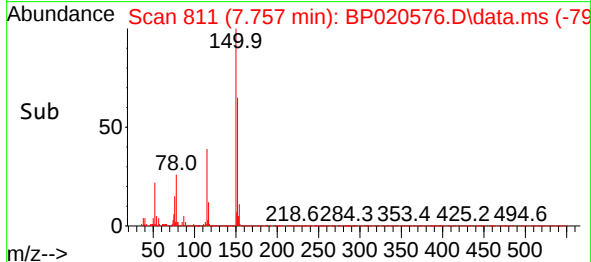
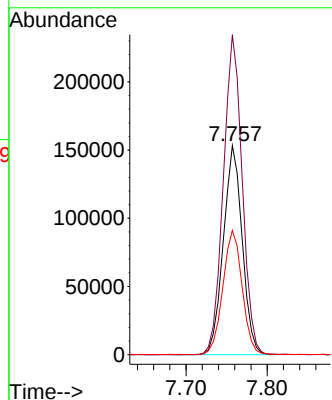
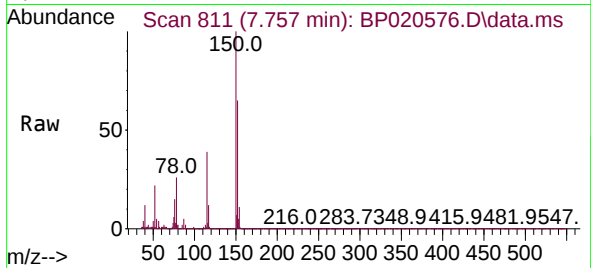




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 813
Delta R.T. -0.012 min
Lab File: BP020576.D
Acq: 10 Jun 2024 14:02

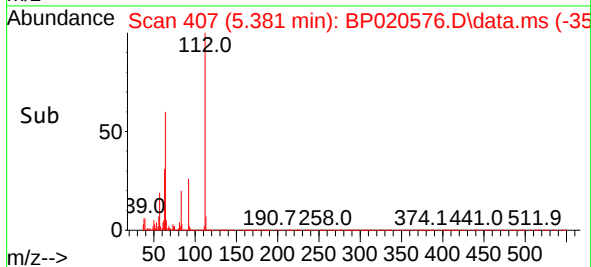
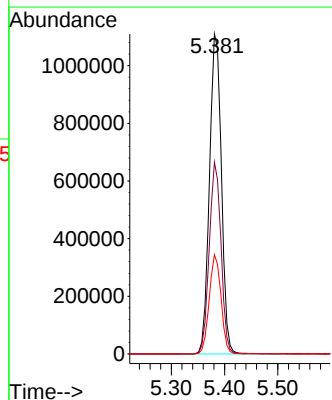
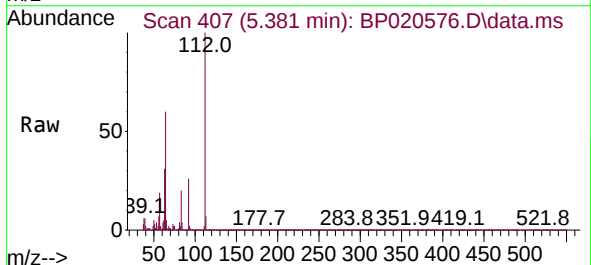
Instrument :
BNA_P
ClientSampleId :
WCS-TPA

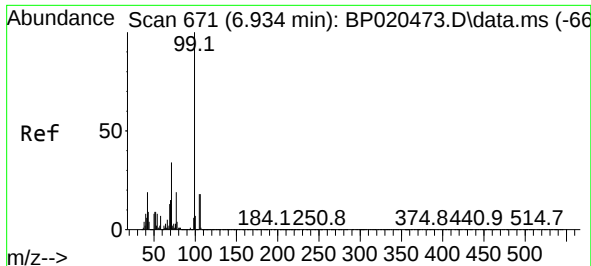
Tgt Ion:152 Resp: 247480
Ion Ratio Lower Upper
152 100
150 153.0 124.2 186.2
115 59.5 49.5 74.3



#5
2-Fluorophenol
Concen: 125.020 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.005 min
Lab File: BP020576.D
Acq: 10 Jun 2024 14:02

Tgt Ion:112 Resp: 1728049
Ion Ratio Lower Upper
112 100
64 60.0 50.1 75.1
63 31.1 25.7 38.5

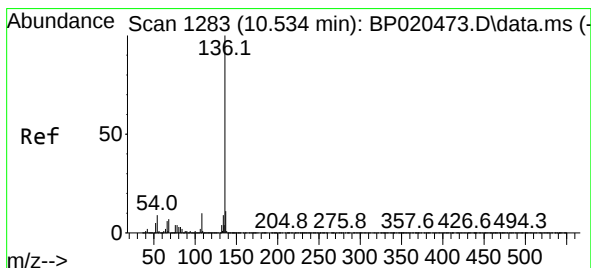
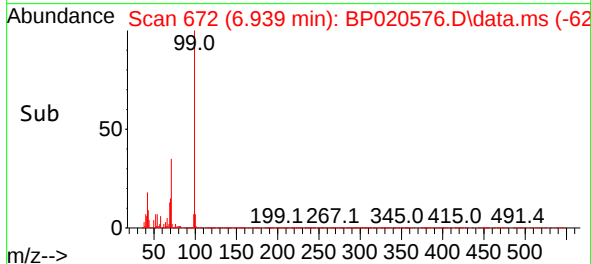
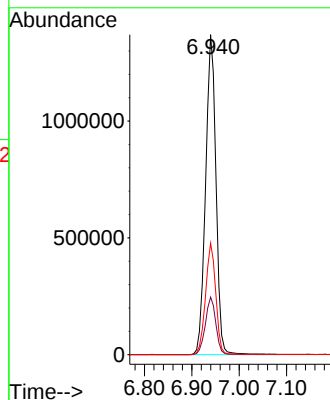
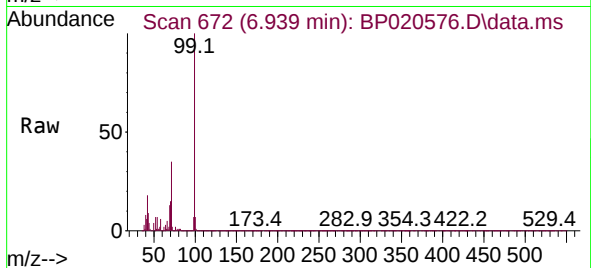




#7
Phenol-d6
Concen: 106.938 ng
RT: 6.939 min Scan# 61
Delta R.T. 0.005 min
Lab File: BP020576.D
Acq: 10 Jun 2024 14:02

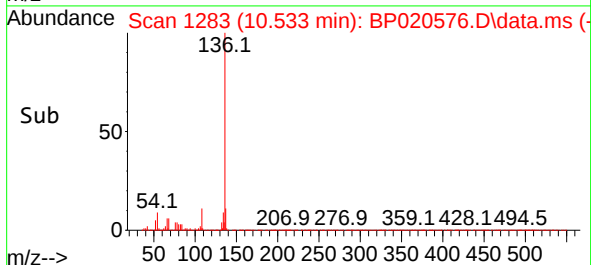
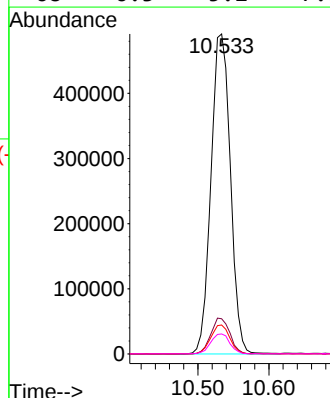
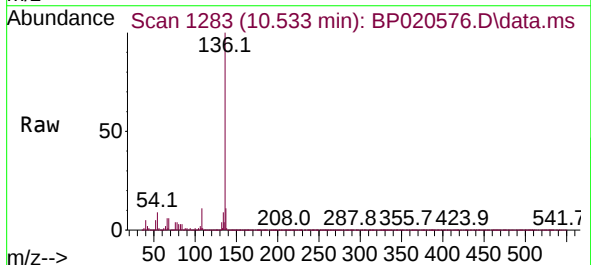
Instrument :
BNA_P
ClientSampleId :
WCS-TPA

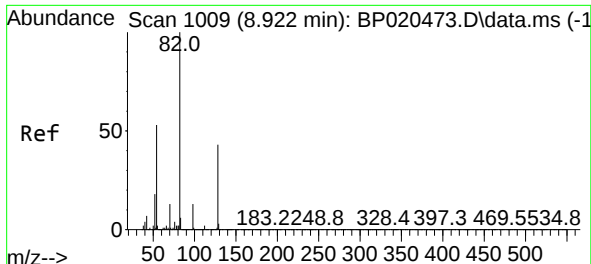
Tgt Ion: 99 Resp: 2084519
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.4
71 34.8 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.533 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP020576.D
Acq: 10 Jun 2024 14:02

Tgt Ion:136 Resp: 931159
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.0 7.4 11.0
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 87.979 ng

RT: 8.910 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BP020576.D

Acq: 10 Jun 2024 14:02

Instrument :

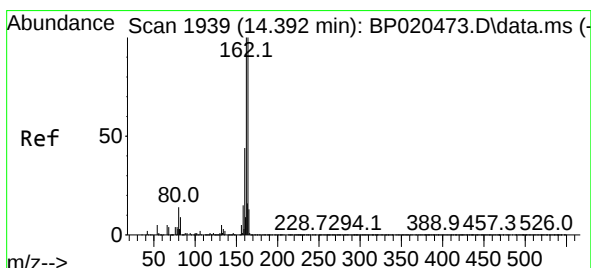
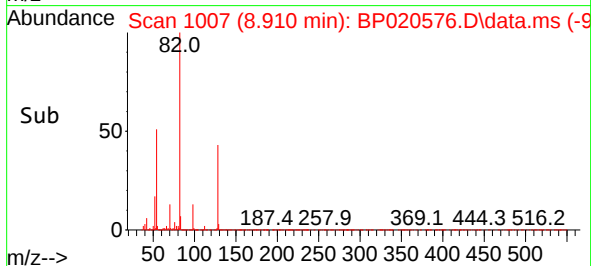
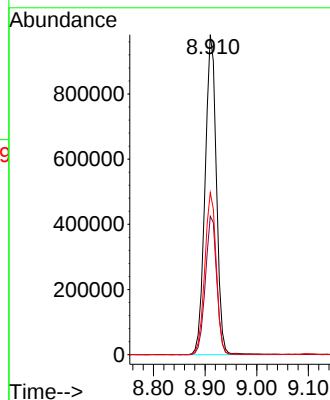
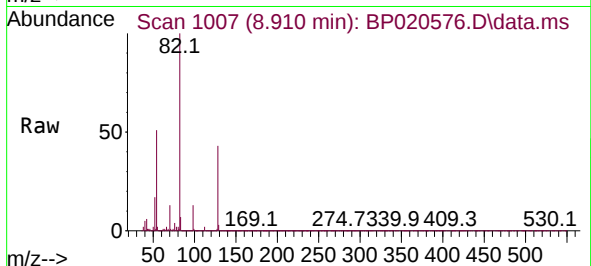
BNA_P

ClientSampleId :

WCS-TPA

Tgt Ion: 82 Resp: 1496568

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.4
54	50.6	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.386 min Scan# 1938

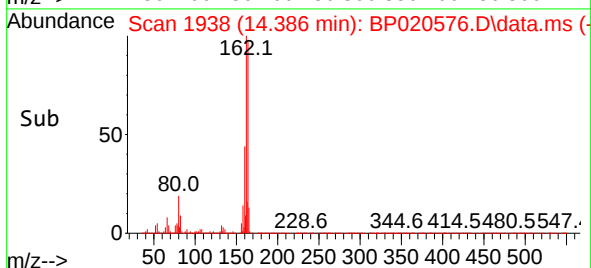
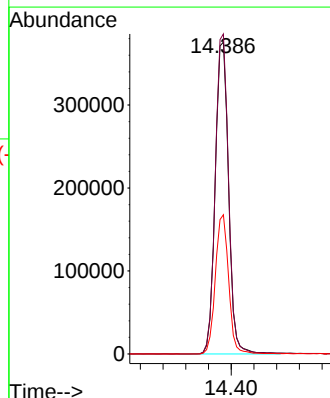
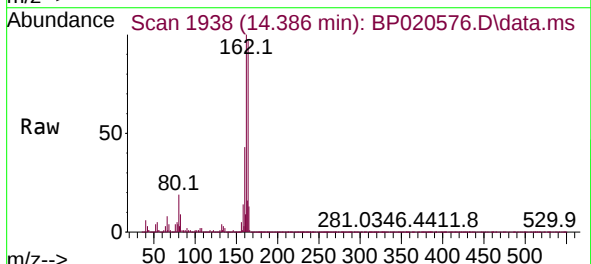
Delta R.T. -0.006 min

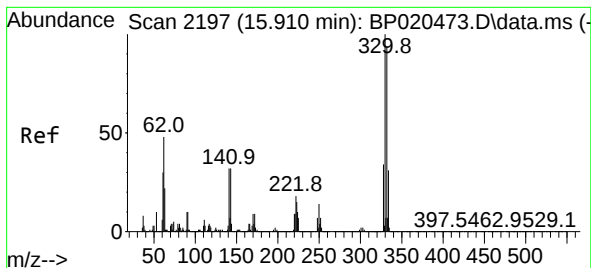
Lab File: BP020576.D

Acq: 10 Jun 2024 14:02

Tgt Ion:164 Resp: 611527

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.3	120.5
160	44.6	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 169.266 ng

RT: 15.904 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BP020576.D

Acq: 10 Jun 2024 14:02

Instrument :

BNA_P

ClientSampleId :

WCS-TPA

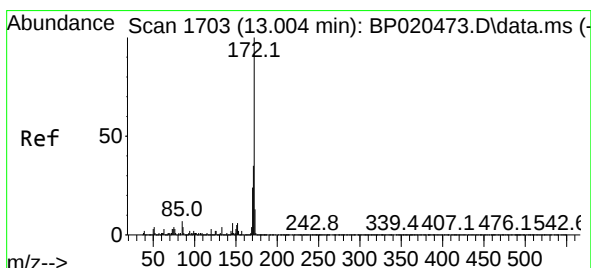
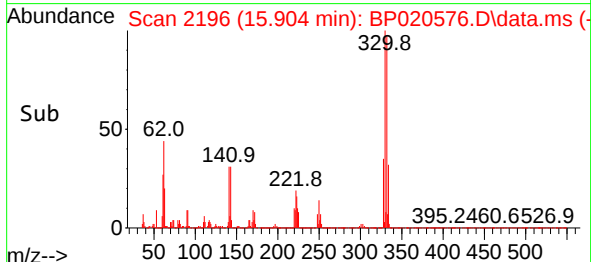
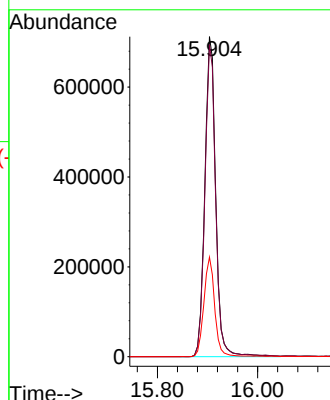
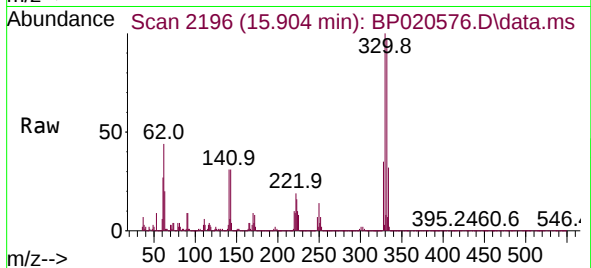
Tgt Ion:330 Resp: 1074244

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

141 31.2 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 82.635 ng

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP020576.D

Acq: 10 Jun 2024 14:02

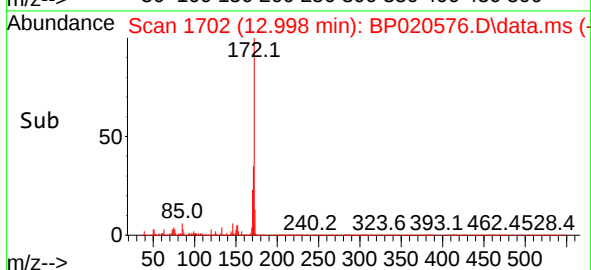
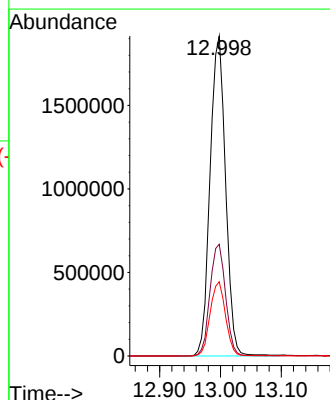
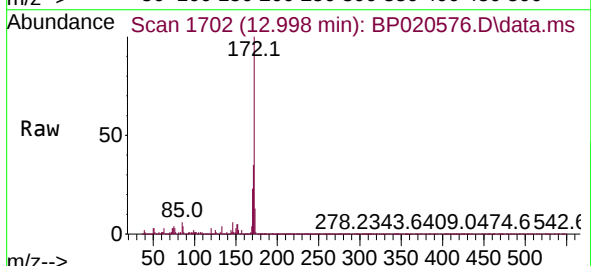
Tgt Ion:172 Resp: 3389852

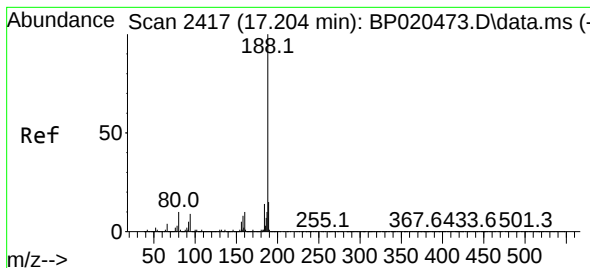
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP020576.D

Acq: 10 Jun 2024 14:02

Instrument :

BNA_P

ClientSampleId :

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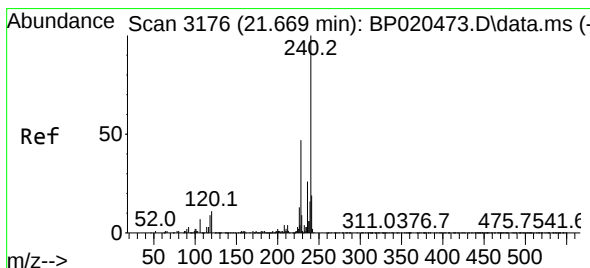
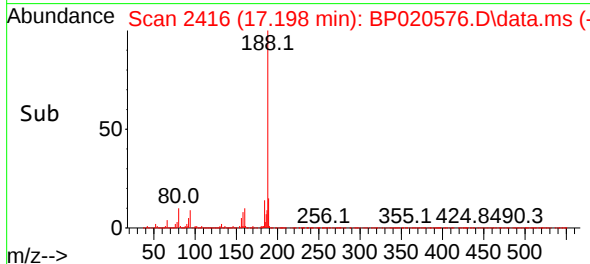
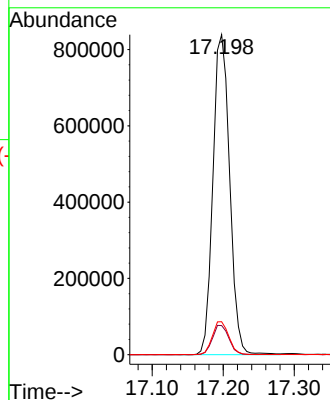
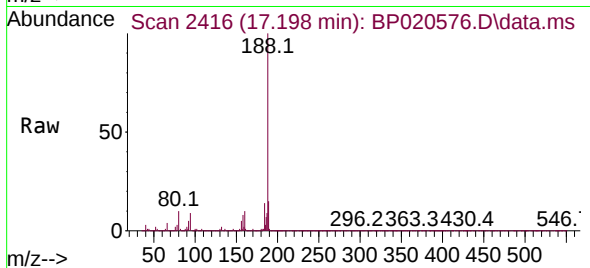
Tgt Ion:188 Resp: 1368745

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 10.3 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.651 min Scan# 3173

Delta R.T. -0.018 min

Lab File: BP020576.D

Acq: 10 Jun 2024 14:02

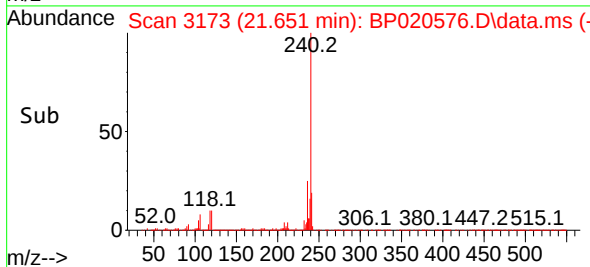
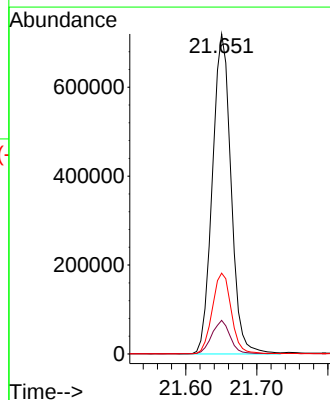
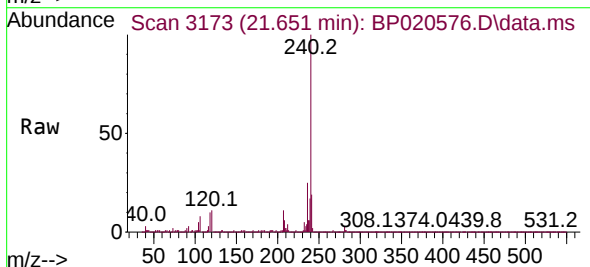
Tgt Ion:240 Resp: 1314039

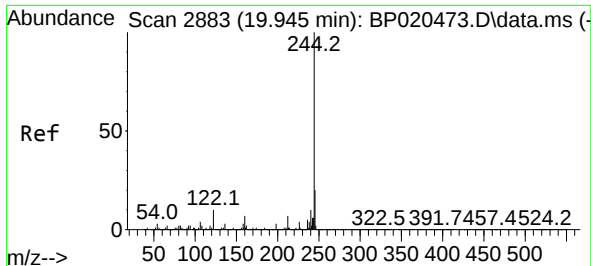
Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

236 25.3 20.5 30.7

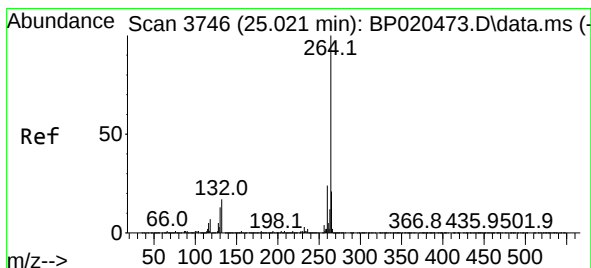
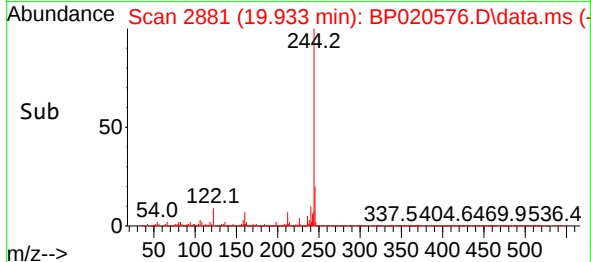
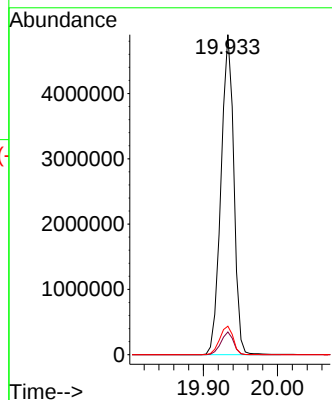
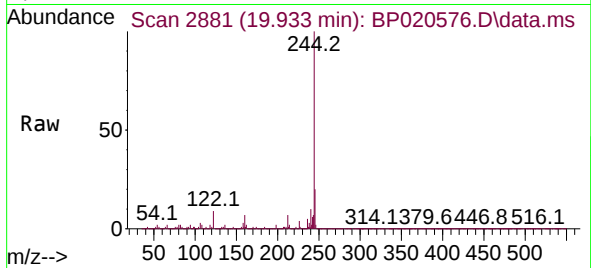




#79
 Terphenyl-d14
 Concen: 74.682 ng
 RT: 19.933 min Scan# 2881
 Delta R.T. -0.012 min
 Lab File: BP020576.D
 Acq: 10 Jun 2024 14:02

Instrument :
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Tgt Ion:244 Resp: 5894984
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 8.9 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.021 min Scan# 3746
 Delta R.T. -0.000 min
 Lab File: BP020576.D
 Acq: 10 Jun 2024 14:02

Tgt Ion:264 Resp: 1450973
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.9 28.3
 265 21.9 17.4 26.0

