

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
Data File : BP020552.D
Acq On : 06 Jun 2024 22:44
Operator : MA/JU
Sample : P2715-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WCS-TPC

Quant Time: Jun 07 01:35:06 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	7.763	152	268980	20.000	ng	0.00
21) Naphthalene-d8	10.539	136	1080905	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	699135	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1444313	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1261282	20.000	ng	-0.01
86) Perylene-d12	25.021	264	1484867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1825933	121.542	ng	0.00
7) Phenol-d6	6.934	99	2433979	114.885	ng	0.00
23) Nitrobenzene-d5	8.910	82	1501854	76.058	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	1132855	156.134	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3476677	74.131	ng	0.00
79) Terphenyl-d14	19.933	244	5158476	68.085	ng	-0.01

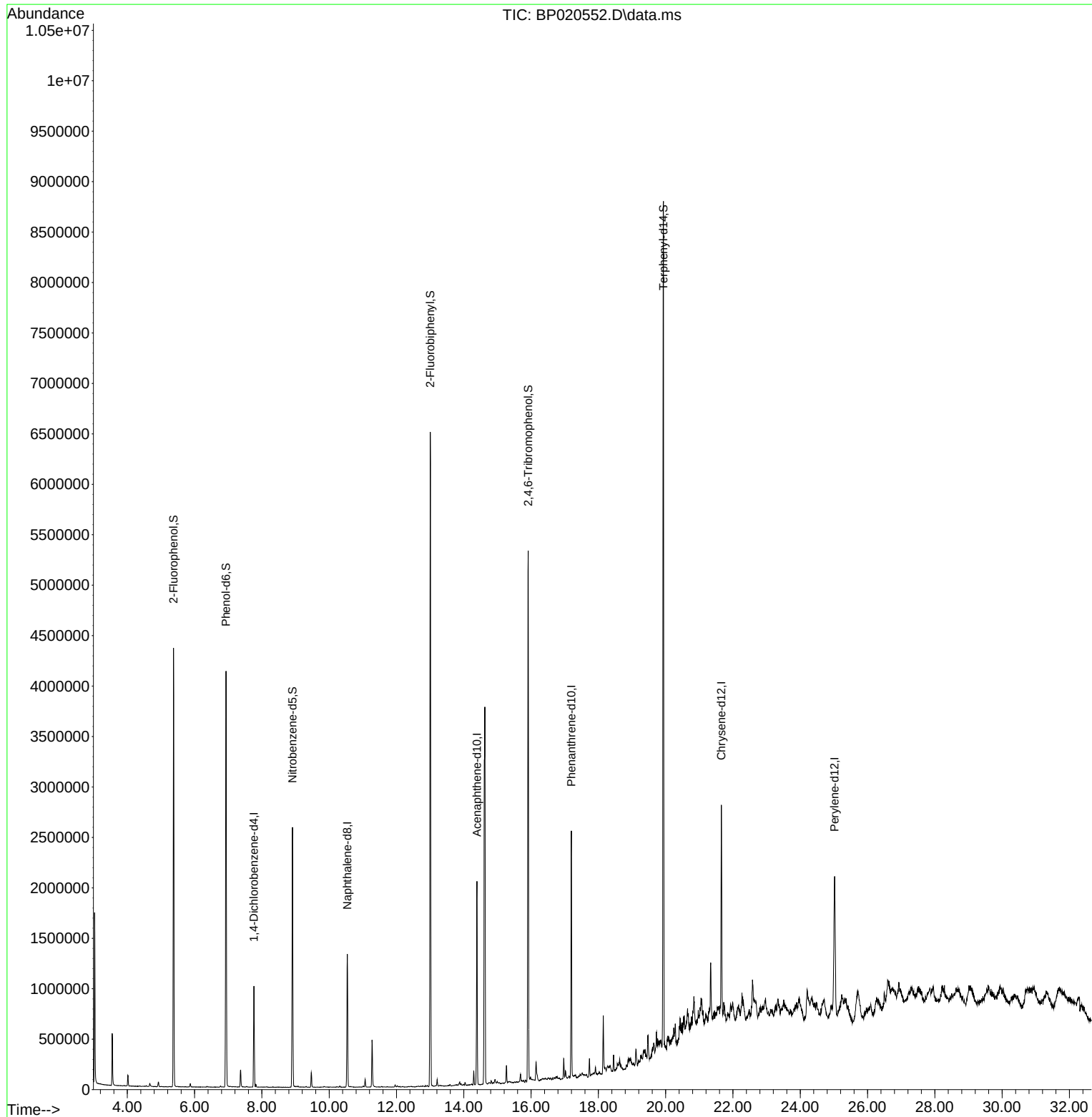
Target Compounds	Qvalue

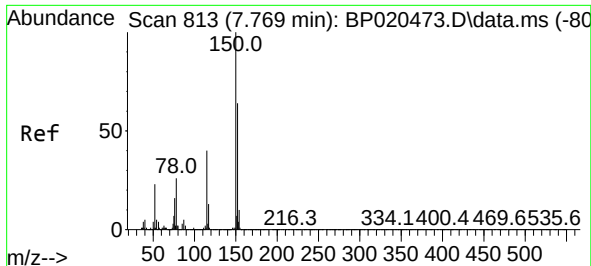
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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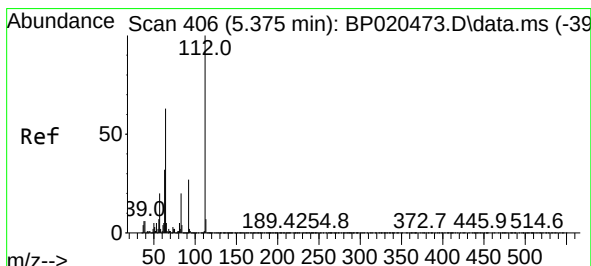
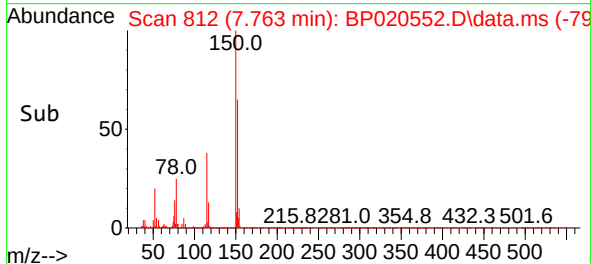
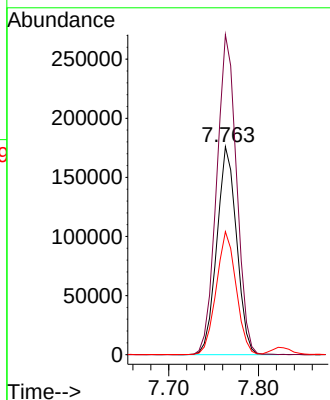
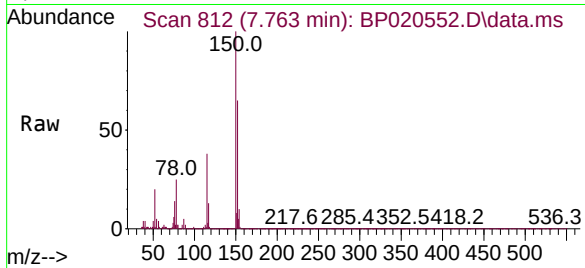




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

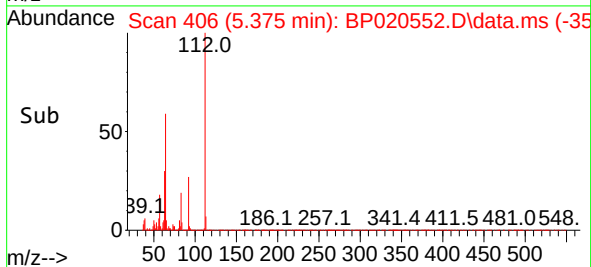
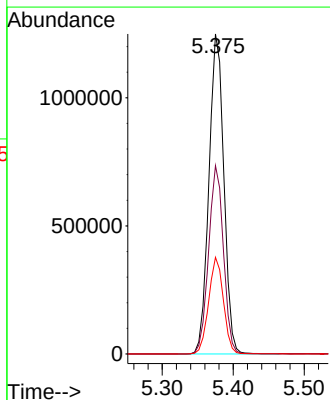
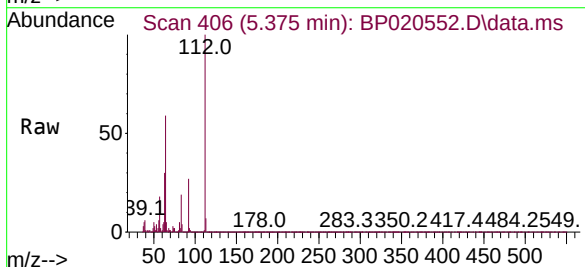
Instrument :
BNA_P
ClientSampleId :
WCS-TPC

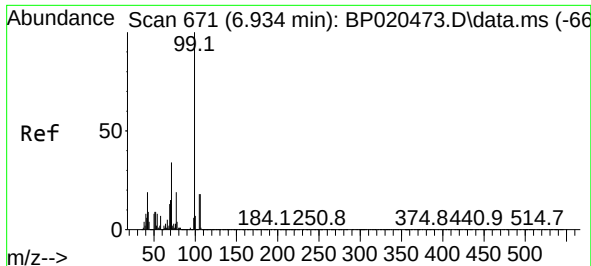
Tgt Ion:152 Resp: 268980
Ion Ratio Lower Upper
152 100
150 153.9 124.2 186.2
115 59.2 49.5 74.3



#5
2-Fluorophenol
Concen: 121.542 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

Tgt Ion:112 Resp: 1825933
Ion Ratio Lower Upper
112 100
64 58.8 50.1 75.1
63 30.2 25.7 38.5

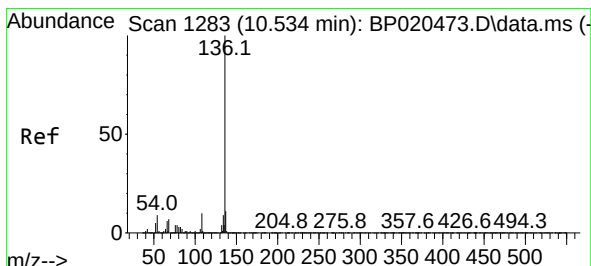
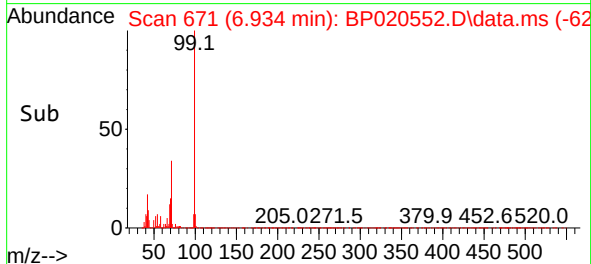
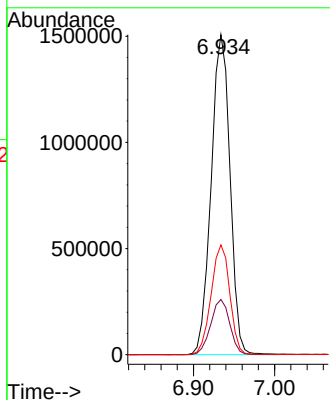
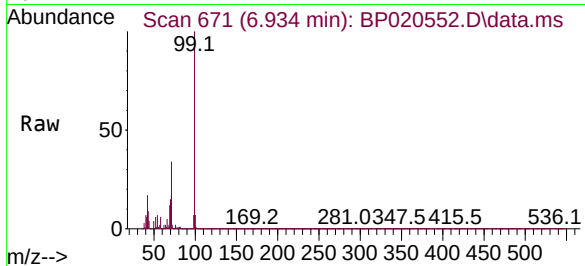




#7
Phenol-d6
Concen: 114.885 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

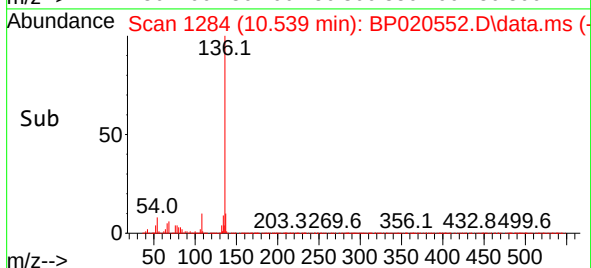
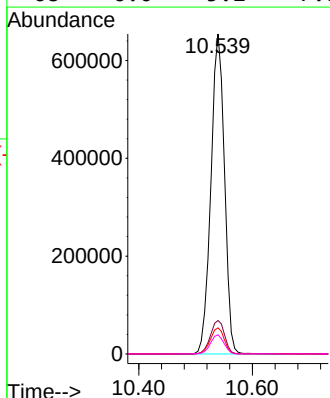
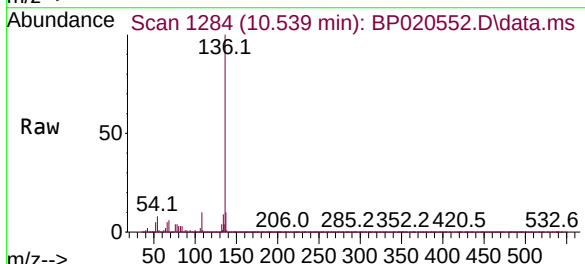
Instrument :
BNA_P
ClientSampleId :
WCS-TPC

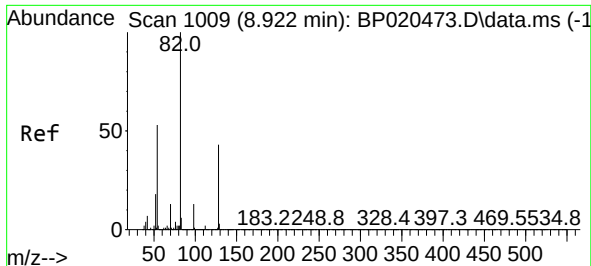
Tgt Ion: 99 Resp: 2433979
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.4
71 34.3 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

Tgt Ion:136 Resp: 1080905
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 8.1 7.4 11.0
68 6.0 5.2 7.8

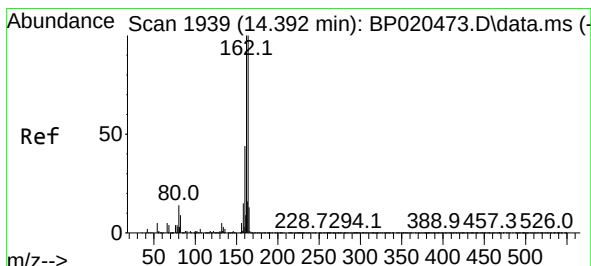
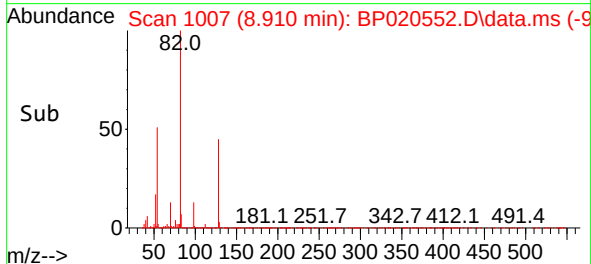
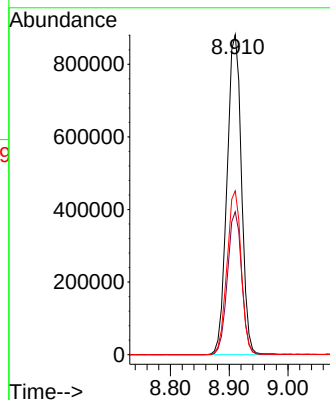
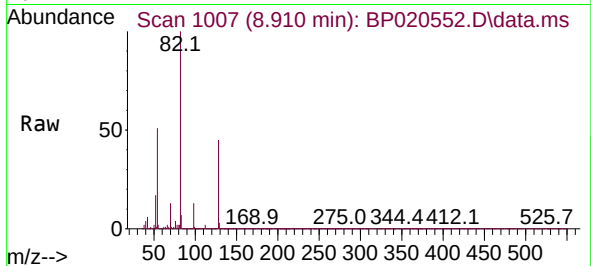




#23
Nitrobenzene-d5
Concen: 76.058 ng
RT: 8.910 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

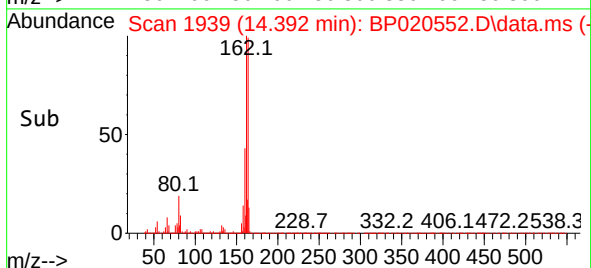
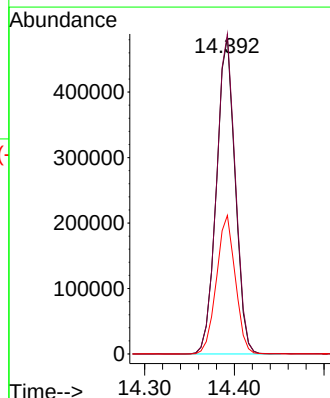
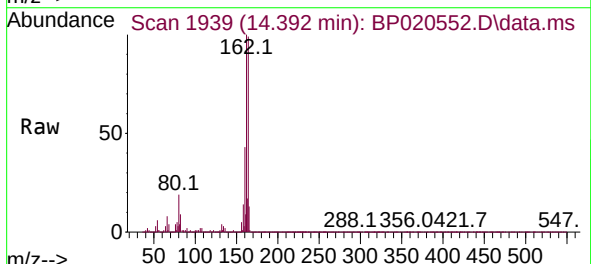
Instrument :
BNA_P
ClientSampleId :
WCS-TPC

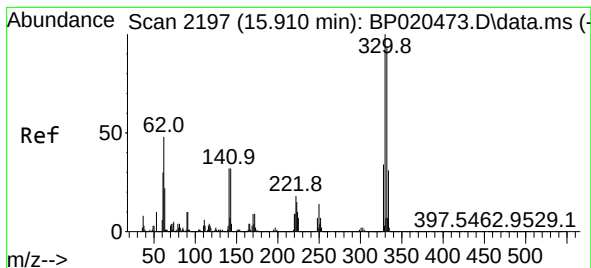
Tgt Ion: 82 Resp: 1501854
Ion Ratio Lower Upper
82 100
128 44.6 34.2 51.4
54 51.2 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

Tgt Ion:164 Resp: 699135
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 43.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 156.134 ng

RT: 15.916 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BP020552.D

Acq: 06 Jun 2024 22:44

Instrument :

BNA_P

ClientSampleId :

WCS-TPC

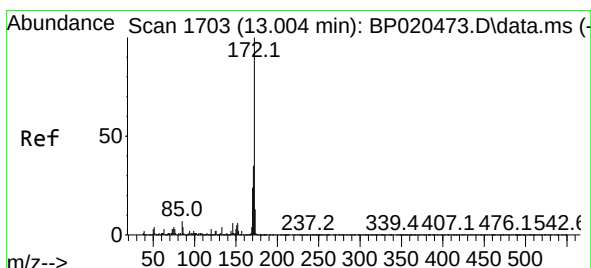
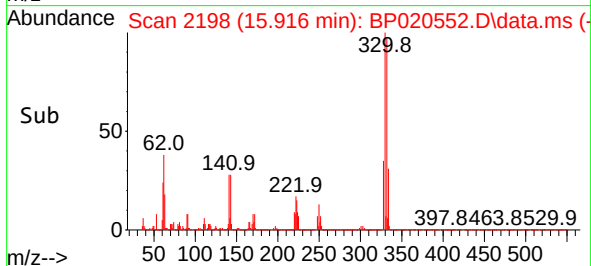
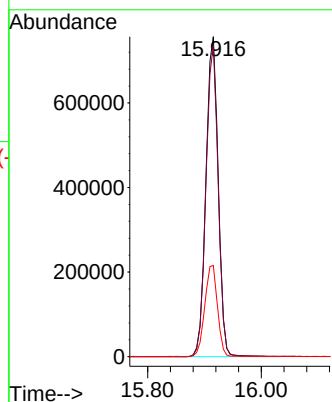
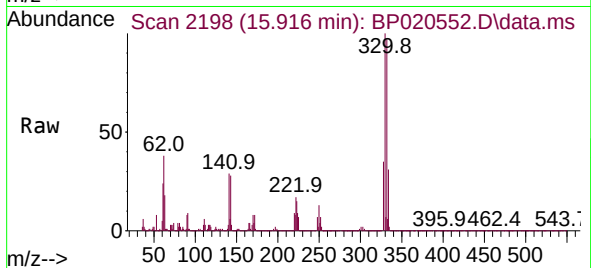
Tgt Ion:330 Resp: 1132855

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

141 29.5 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 74.131 ng

RT: 13.004 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BP020552.D

Acq: 06 Jun 2024 22:44

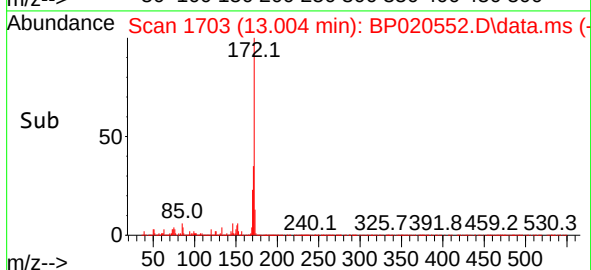
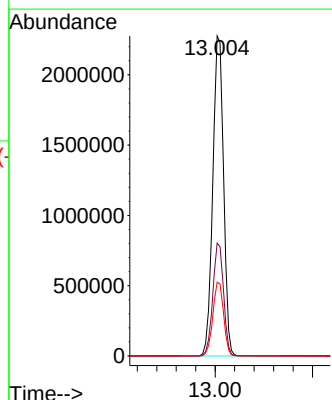
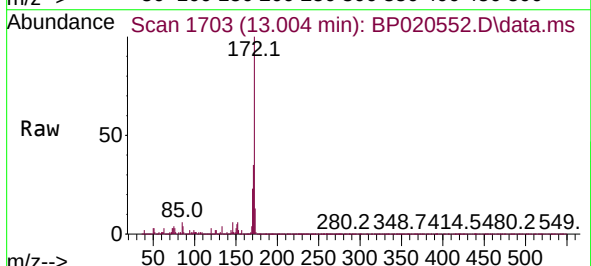
Tgt Ion:172 Resp: 3476677

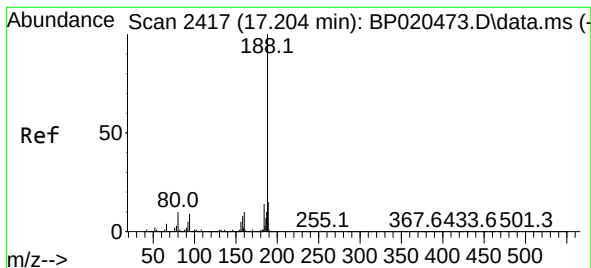
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.1 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: BP020552.D

Acq: 06 Jun 2024 22:44

Instrument :

BNA_P

ClientSampleId :

WCS-TPC

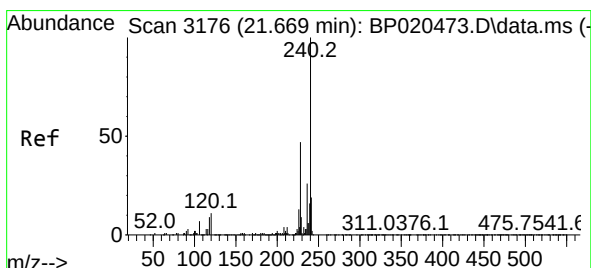
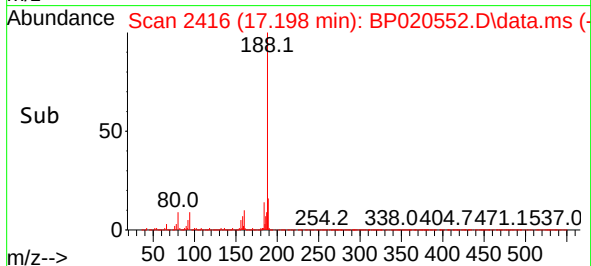
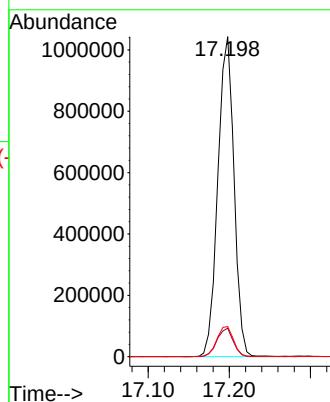
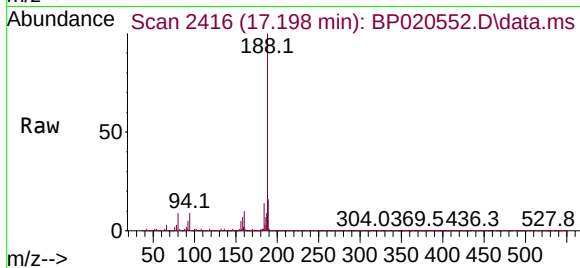
Tgt Ion:188 Resp: 1444313

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

80 9.4 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.657 min Scan# 3174

Delta R.T. -0.012 min

Lab File: BP020552.D

Acq: 06 Jun 2024 22:44

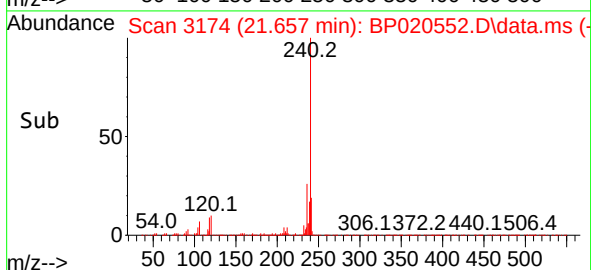
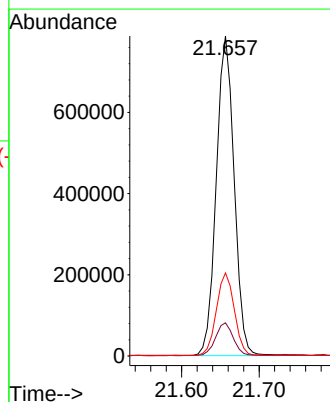
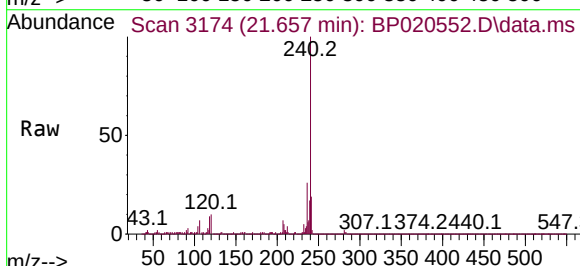
Tgt Ion:240 Resp: 1261282

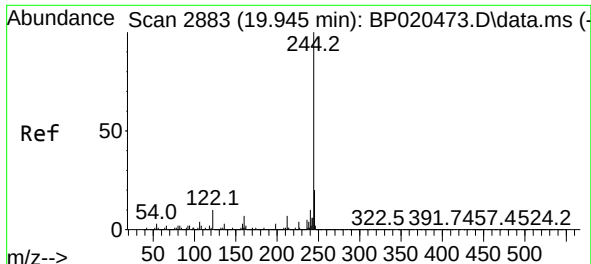
Ion Ratio Lower Upper

240 100

120 10.3 8.5 12.7

236 25.9 20.5 30.7

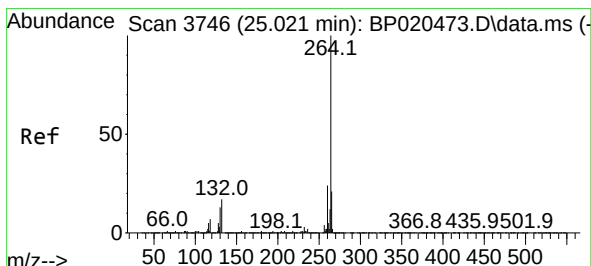
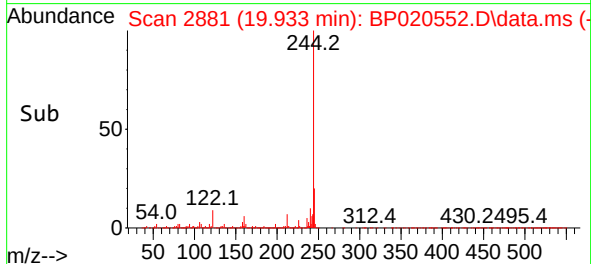
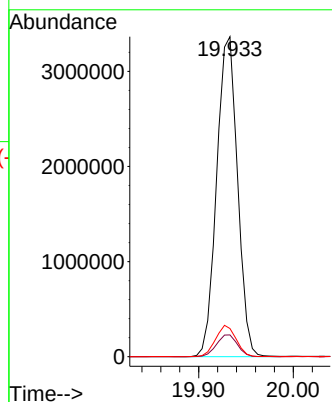
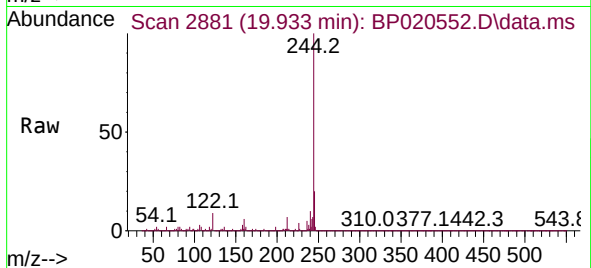




#79
Terphenyl-d14
Concen: 68.085 ng
RT: 19.933 min Scan# 2881
Delta R.T. -0.012 min
Lab File: BP020552.D
Acq: 06 Jun 2024 22:44

Instrument :
BNA_P
ClientSampleId :
WCS-TPC

Tgt Ion:244 Resp: 5158476
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 8.8 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: BP020552.D
Acq: 06 Jun 2024 22:44

Tgt Ion:264 Resp: 1484867
Ion Ratio Lower Upper
264 100
260 22.8 18.9 28.3
265 22.1 17.4 26.0

