

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
 Data File : BP020545.D
 Acq On : 06 Jun 2024 17:31
 Operator : MA/JU
 Sample : P2668-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-TP-2

Quant Time: Jun 06 18:23:04 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)

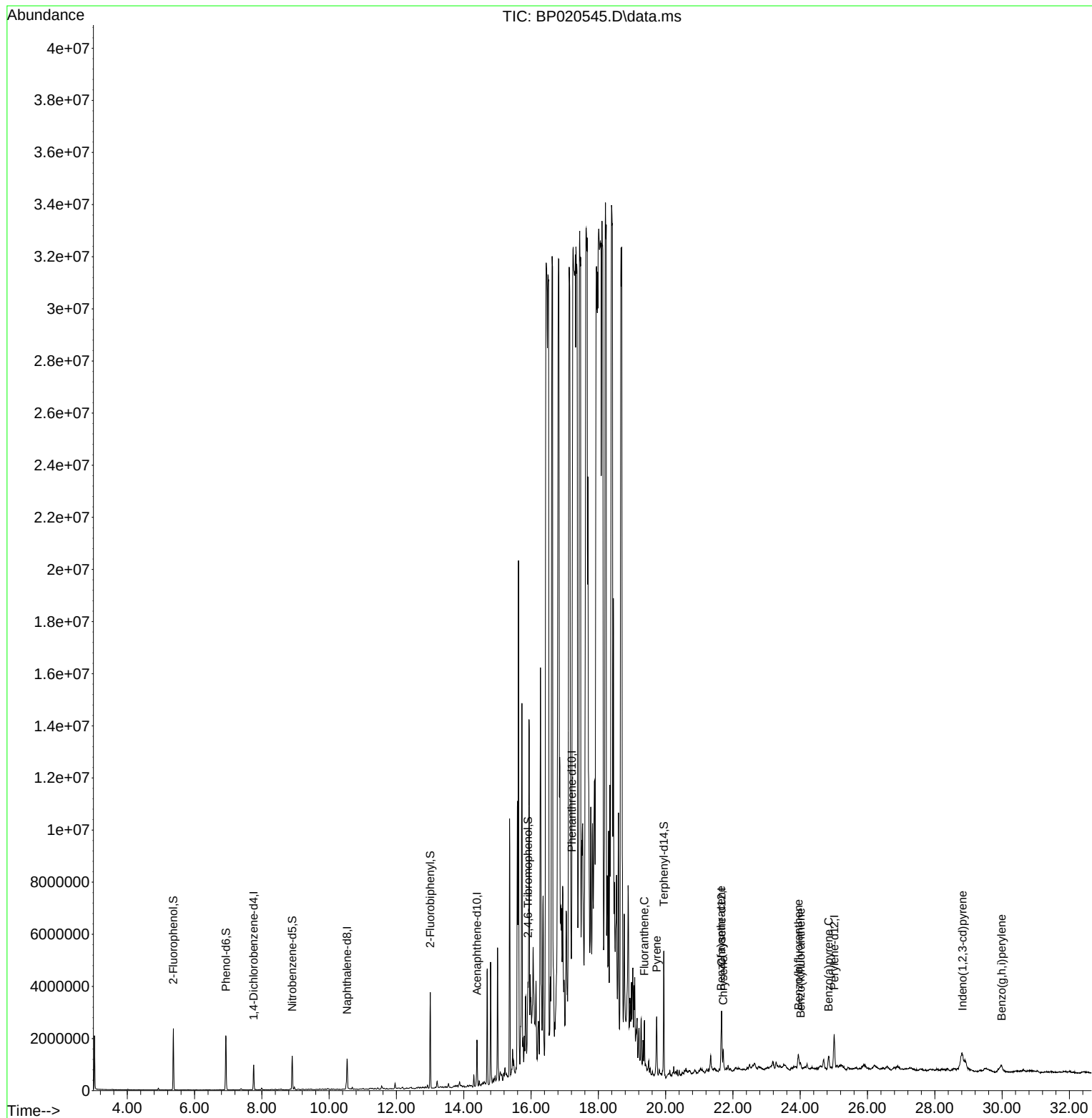
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	253859	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	939211	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	601159	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1071976	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1171394	20.000	ng	0.00
86) Perylene-d12	25.010	264	1375244	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	951992	67.143	ng	0.00
7) Phenol-d6	6.928	99	1226843	61.357	ng	0.00
23) Nitrobenzene-d5	8.905	82	760021	44.296	ng	-0.02
42) 2,4,6-Tribromophenol	15.910	330	466693	74.804	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	1679347	41.644	ng	0.00
79) Terphenyl-d14	19.945	244	2592445	36.842	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.369	202	1093134	17.535	ng	98
78) Pyrene	19.733	202	1404643	15.942	ng	99
81) Benzo(a)anthracene	21.645	228	603914	7.830	ng	98
83) Chrysene	21.710	228	575651	7.921	ng	98
87) Indeno(1,2,3-cd)pyrene	28.821	276	364862	4.363	ng	97
88) Benzo(b)fluoranthene	23.945	252	747032	8.719	ng	98
89) Benzo(k)fluoranthene	24.010	252	245258	2.935	ng	94
90) Benzo(a)pyrene	24.839	252	527898	7.440	ng	97
92) Benzo(g,h,i)perylene	29.986	276	370476	5.314	ng	95

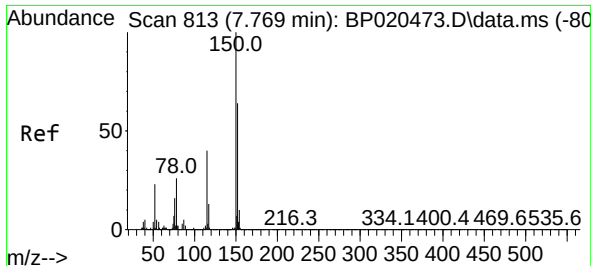
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
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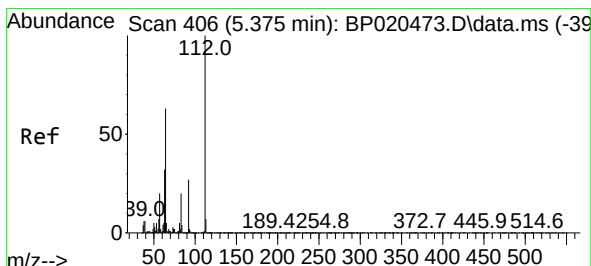
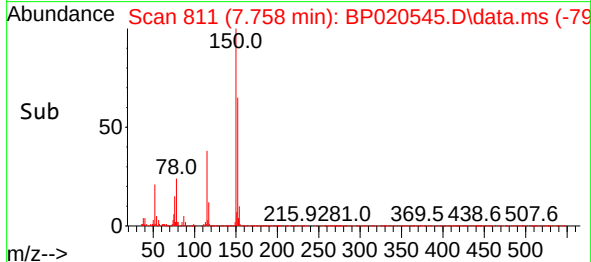
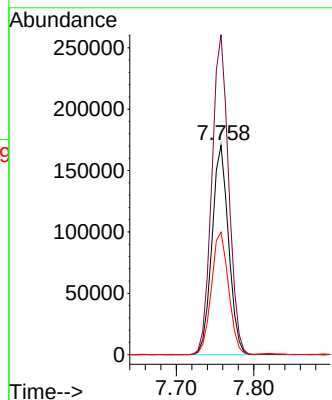
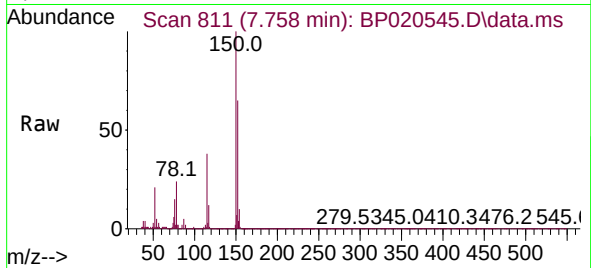




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 813
Delta R.T. -0.011 min
Lab File: BP020545.D
Acq: 06 Jun 2024 17:31

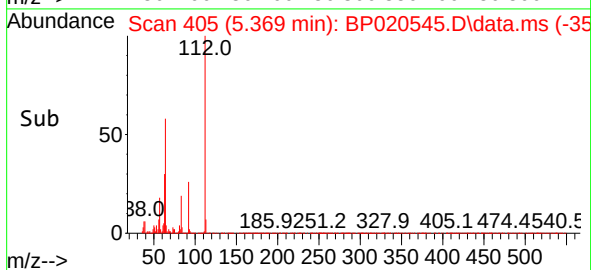
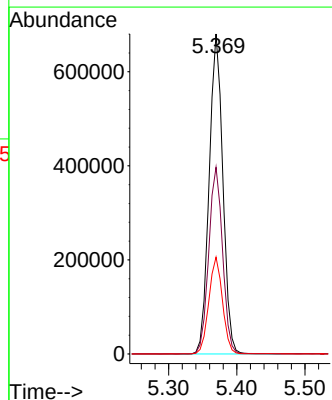
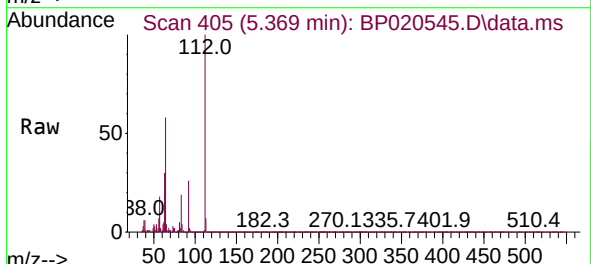
Instrument :
BNA_P
ClientSampleId :
WC-TP-2

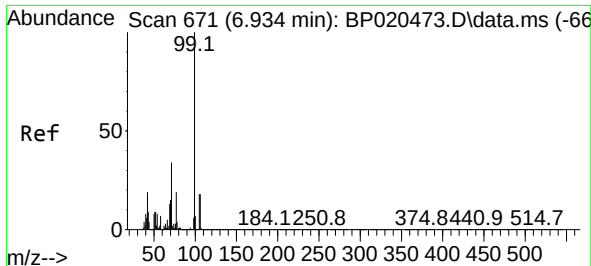
Tgt Ion:152 Resp: 253859
Ion Ratio Lower Upper
152 100
150 152.9 124.2 186.2
115 58.5 49.5 74.3



#5
2-Fluorophenol
Concen: 67.143 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020545.D
Acq: 06 Jun 2024 17:31

Tgt Ion:112 Resp: 951992
Ion Ratio Lower Upper
112 100
64 58.3 50.1 75.1
63 30.2 25.7 38.5

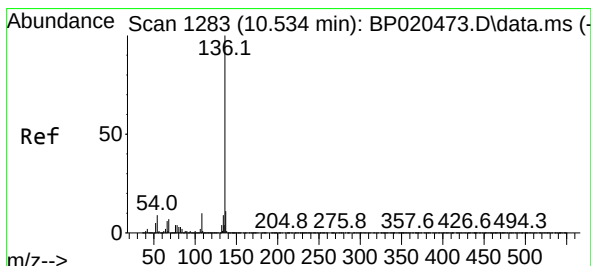
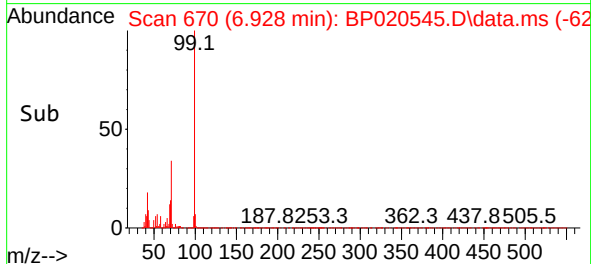
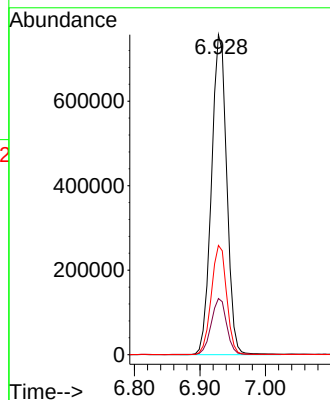
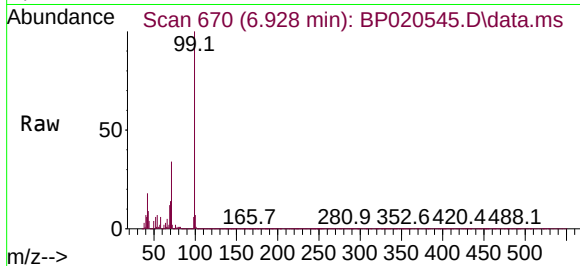




#7
Phenol-d6
Concen: 61.357 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020545.D
Acq: 06 Jun 2024 17:31

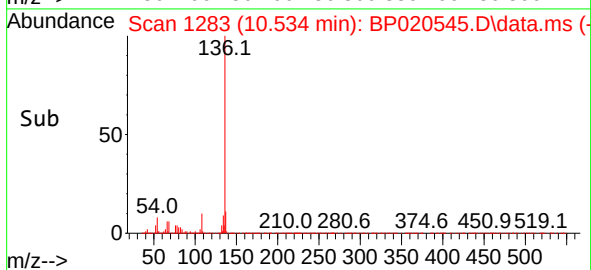
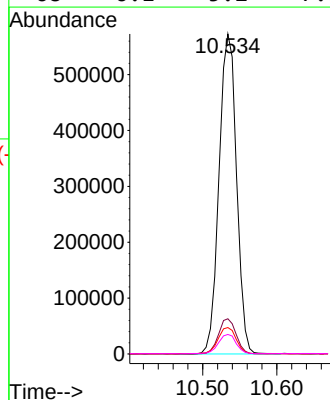
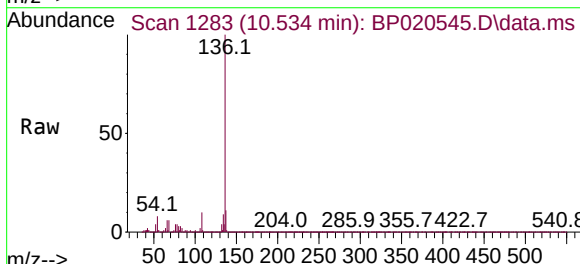
Instrument :
BNA_P
ClientSampleId :
WC-TP-2

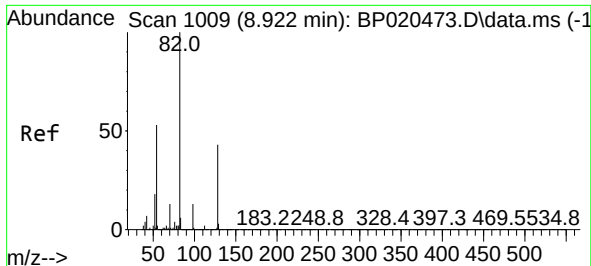
Tgt Ion: 99 Resp: 1226843
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 34.1 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP020545.D
Acq: 06 Jun 2024 17:31

Tgt Ion:136 Resp: 939211
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.2 7.4 11.0
68 6.1 5.2 7.8

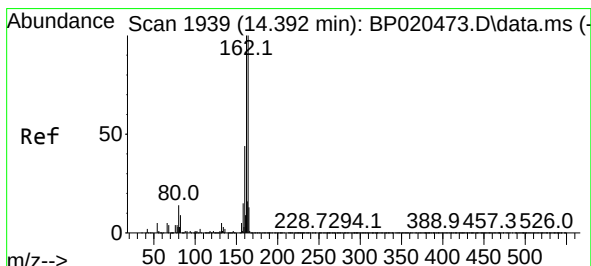
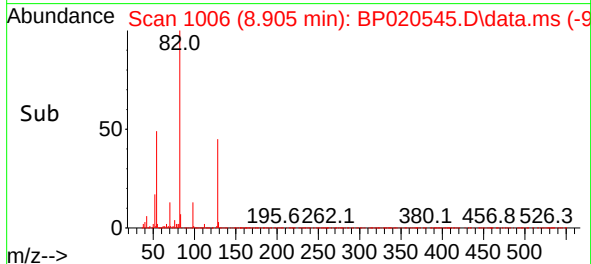
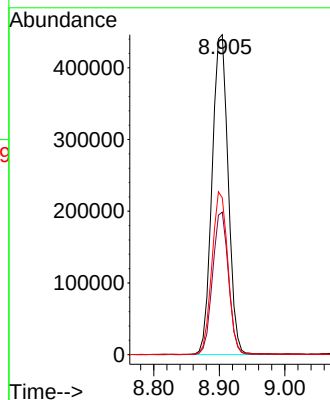
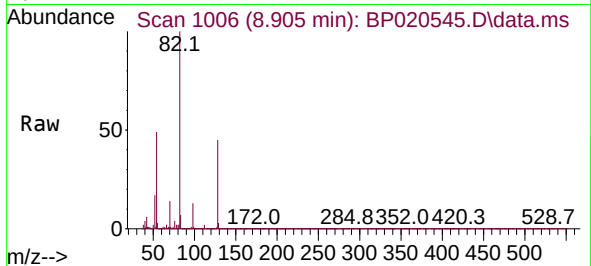




#23
Nitrobenzene-d5
Concen: 44.296 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020545.D
Acq: 06 Jun 2024 17:31

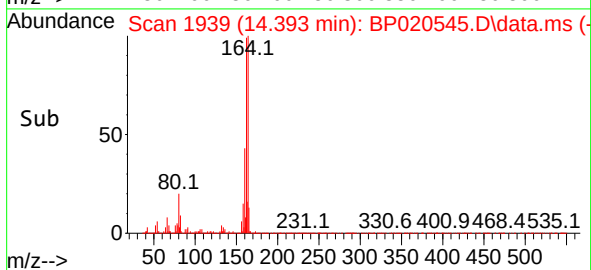
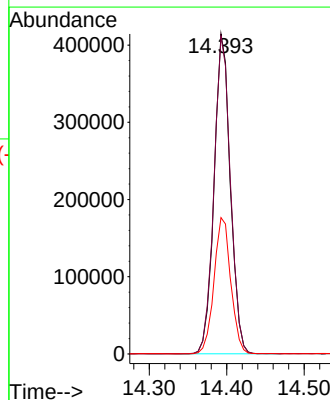
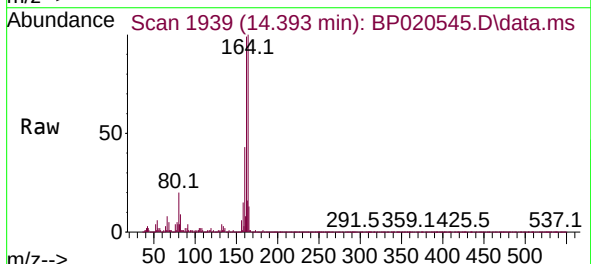
Instrument :
BNA_P
ClientSampleId :
WC-TP-2

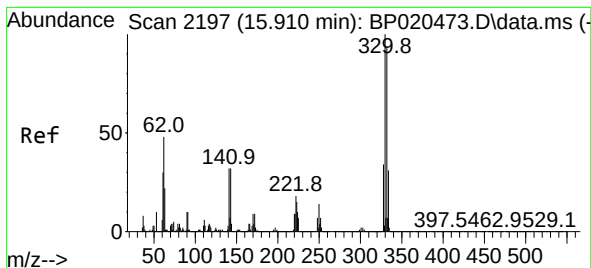
Tgt Ion: 82 Resp: 760021
Ion Ratio Lower Upper
82 100
128 44.6 34.2 51.4
54 49.0 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BP020545.D
Acq: 06 Jun 2024 17:31

Tgt Ion:164 Resp: 601159
Ion Ratio Lower Upper
164 100
162 99.3 80.3 120.5
160 42.6 35.4 53.2

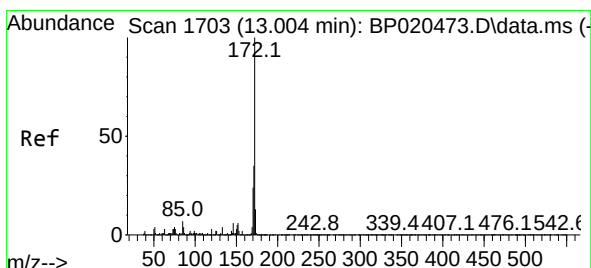
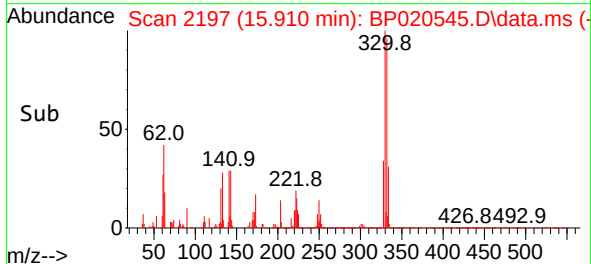
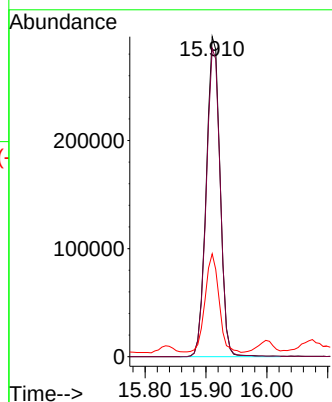
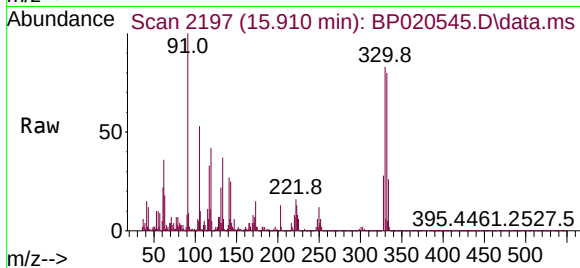




#42
2,4,6-Tribromophenol
Concen: 74.804 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP020545.D
Acq: 06 Jun 2024 17:31

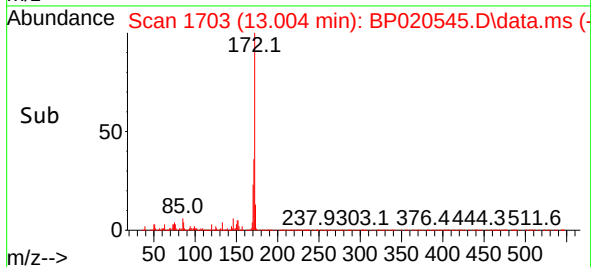
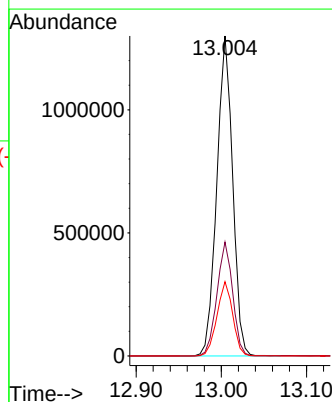
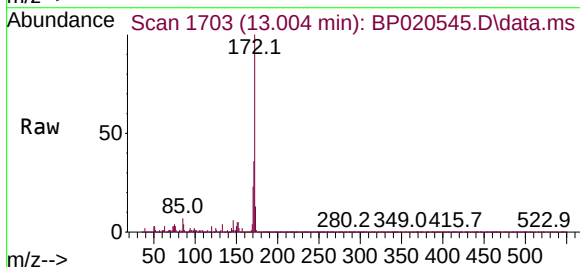
Instrument :
BNA_P
ClientSampleId :
WC-TP-2

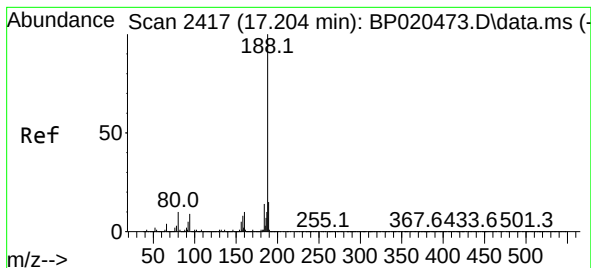
Tgt Ion:330 Resp: 466693
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 30.8 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 41.644 ng
RT: 13.004 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP020545.D
Acq: 06 Jun 2024 17:31

Tgt Ion:172 Resp: 1679347
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP020545.D

Acq: 06 Jun 2024 17:31

Instrument :

BNA_P

ClientSampleId :

WC-TP-2

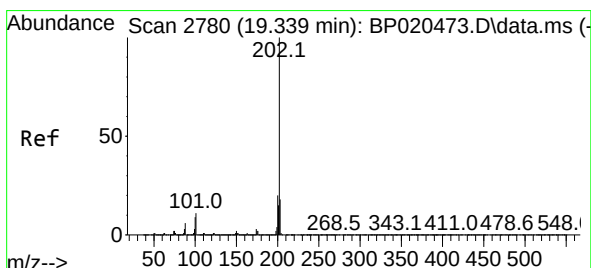
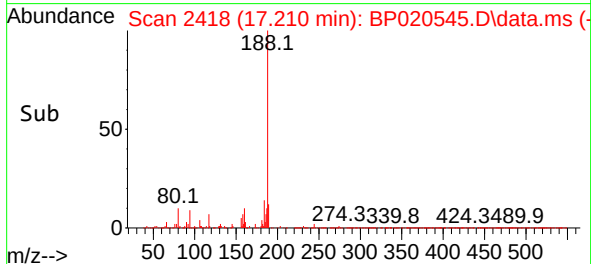
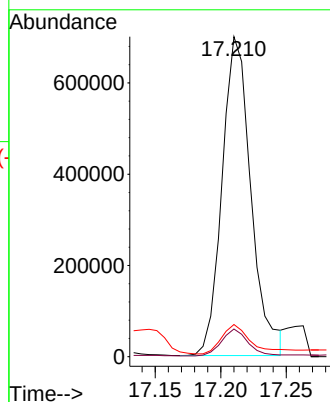
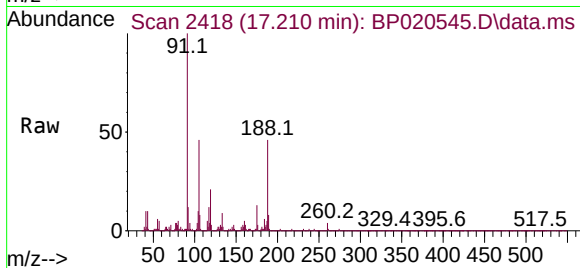
Tgt Ion:188 Resp: 1071976

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 10.1 8.1 12.1



#75

Fluoranthene

Concen: 17.535 ng

RT: 19.369 min Scan# 2785

Delta R.T. 0.029 min

Lab File: BP020545.D

Acq: 06 Jun 2024 17:31

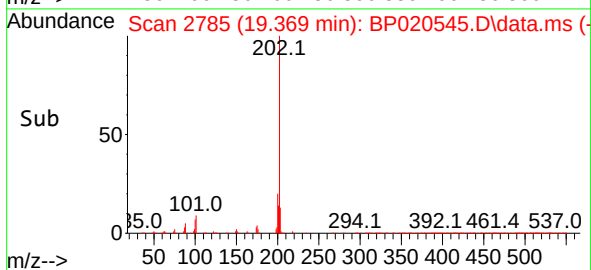
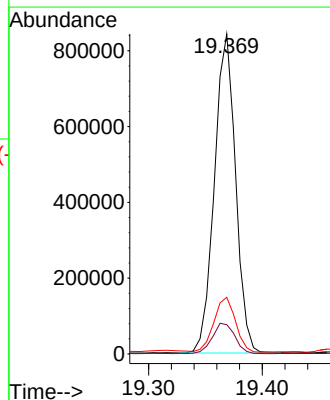
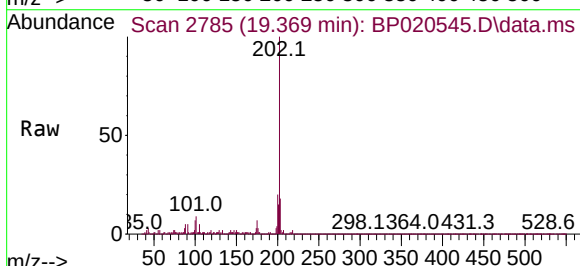
Tgt Ion:202 Resp: 1093134

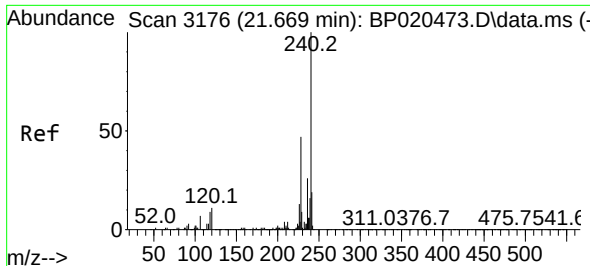
Ion Ratio Lower Upper

202 100

101 9.2 0.0 31.4

203 17.7 0.0 37.7

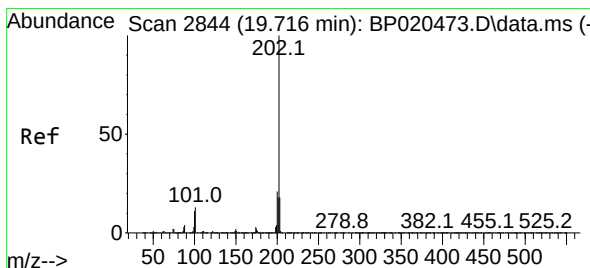
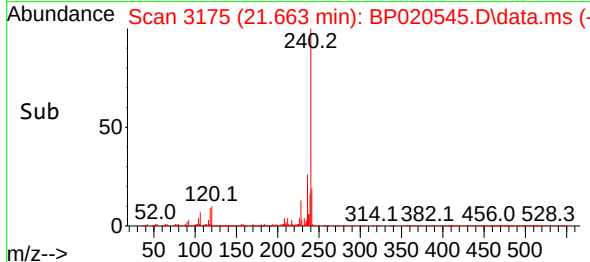
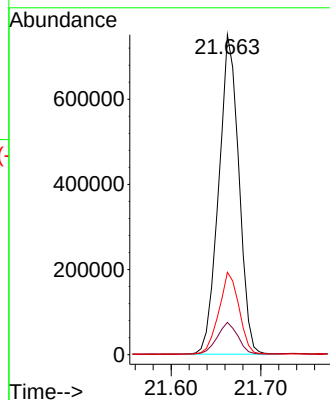
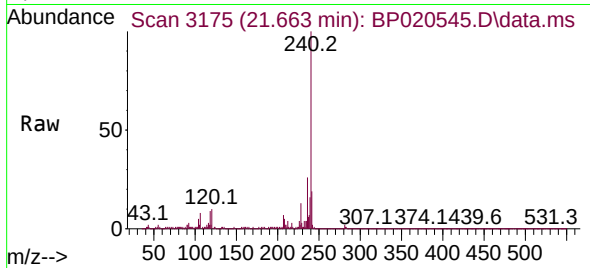




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.663 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BP020545.D
Acq: 06 Jun 2024 17:31

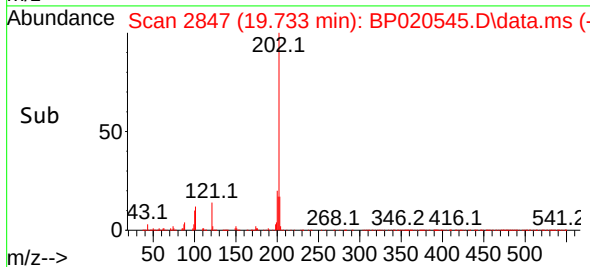
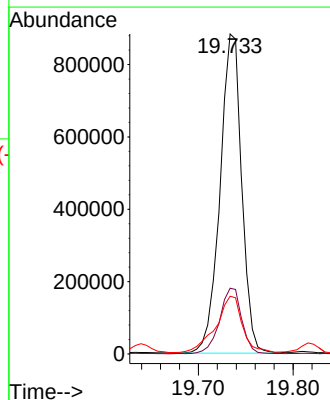
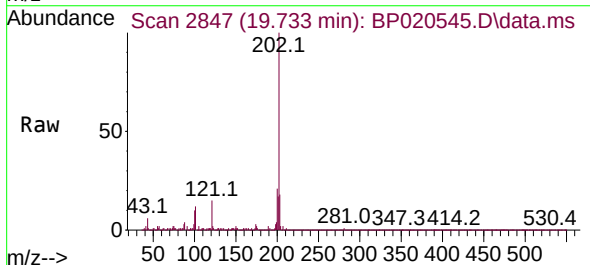
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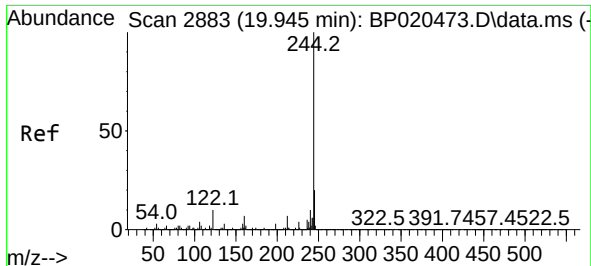
Tgt Ion:240 Resp: 1171394
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.8 20.5 30.7



#78
Pyrene
Concen: 15.942 ng
RT: 19.733 min Scan# 2847
Delta R.T. 0.018 min
Lab File: BP020545.D
Acq: 06 Jun 2024 17:31

Tgt Ion:202 Resp: 1404643
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 18.0 14.1 21.1

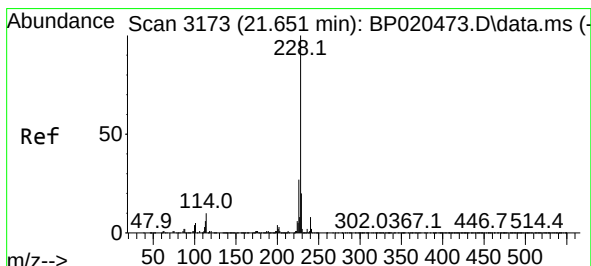
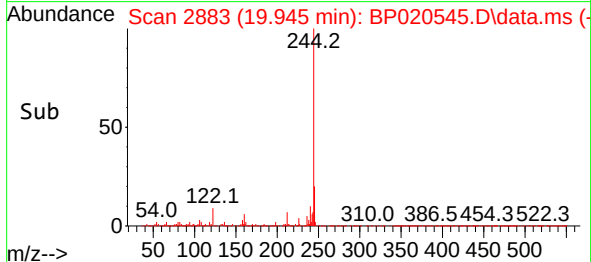
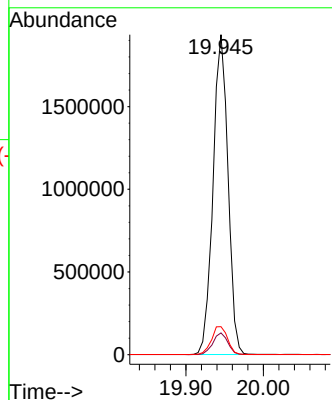
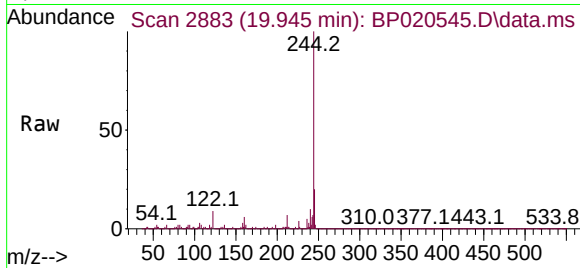




#79
 Terphenyl-d14
 Concen: 36.842 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP020545.D
 Acq: 06 Jun 2024 17:31

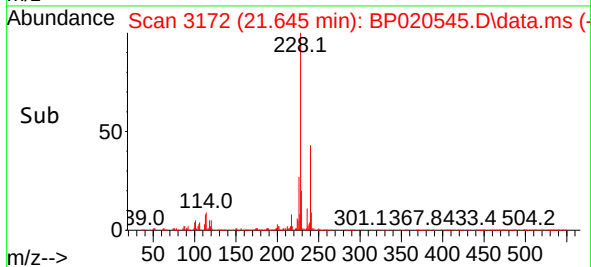
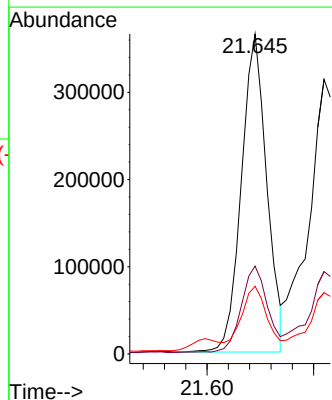
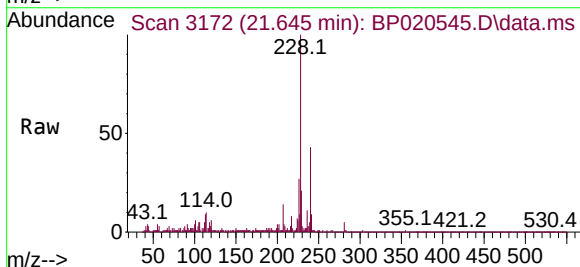
Instrument :
 BNA_P
 ClientSampleId :
 WC-TP-2

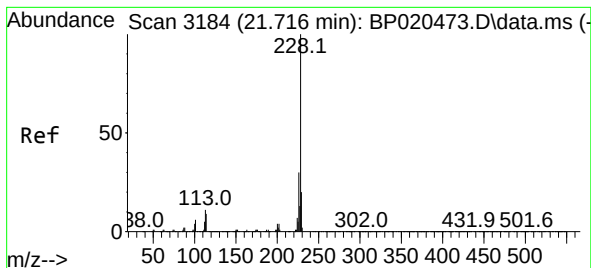
Tgt Ion:244 Resp: 2592445
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 8.8 8.2 12.2



#81
 Benzo(a)anthracene
 Concen: 7.830 ng
 RT: 21.645 min Scan# 3172
 Delta R.T. -0.006 min
 Lab File: BP020545.D
 Acq: 06 Jun 2024 17:31

Tgt Ion:228 Resp: 603914
 Ion Ratio Lower Upper
 228 100
 226 27.5 21.7 32.5
 229 21.2 15.8 23.6





#83

Chrysene

Concen: 7.921 ng

RT: 21.710 min Scan# 3184

Delta R.T. -0.006 min

Lab File: BP020545.D

Acq: 06 Jun 2024 17:31

Instrument :

BNA_P

ClientSampleId :

WC-TP-2

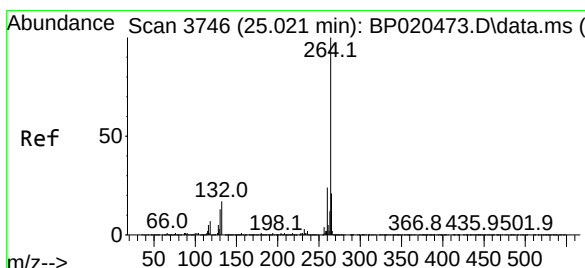
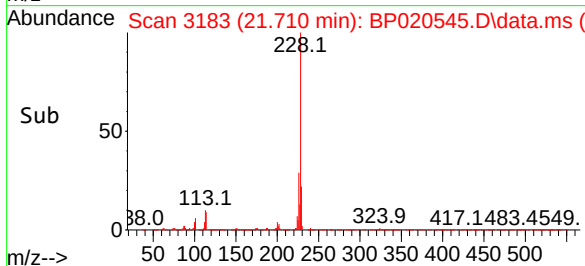
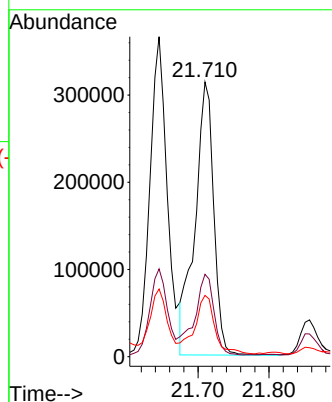
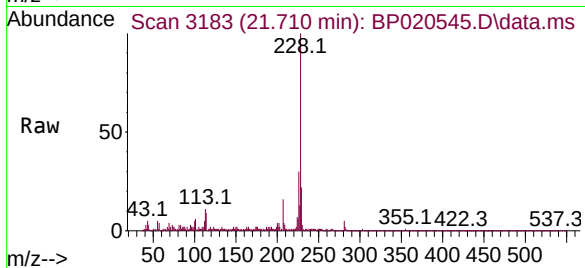
Tgt Ion:228 Resp: 575651

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 22.3 15.7 23.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.010 min Scan# 3744

Delta R.T. -0.012 min

Lab File: BP020545.D

Acq: 06 Jun 2024 17:31

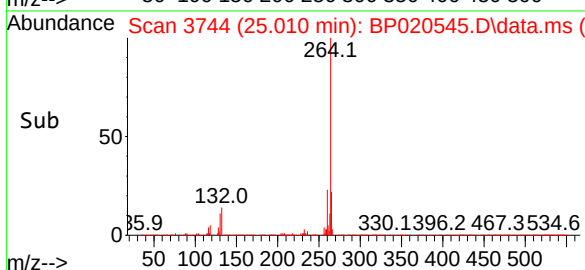
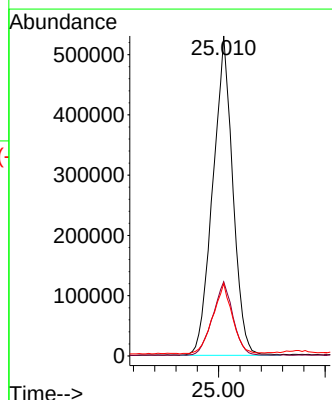
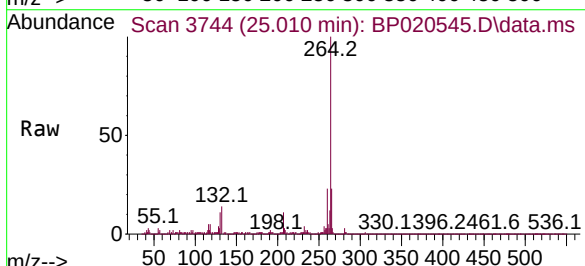
Tgt Ion:264 Resp: 1375244

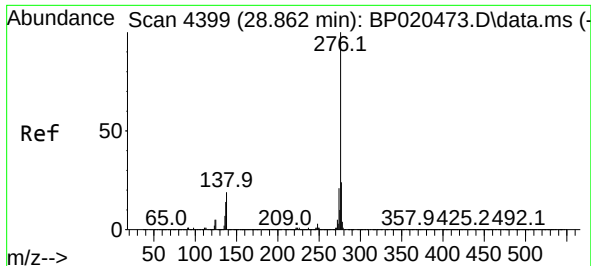
Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 22.6 17.4 26.0

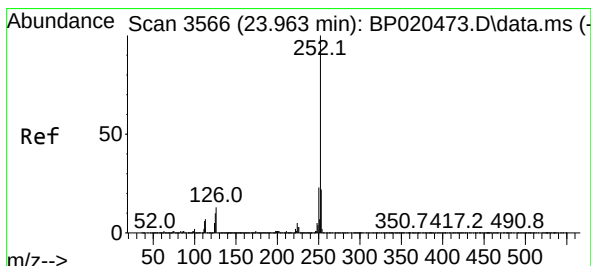
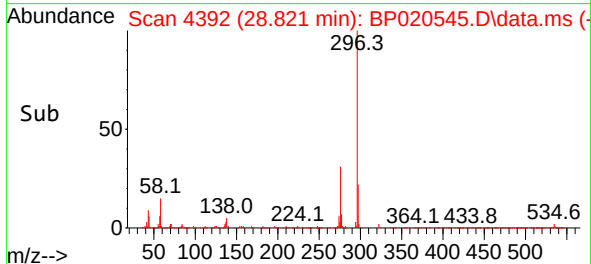
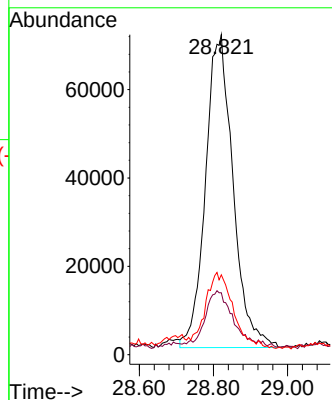
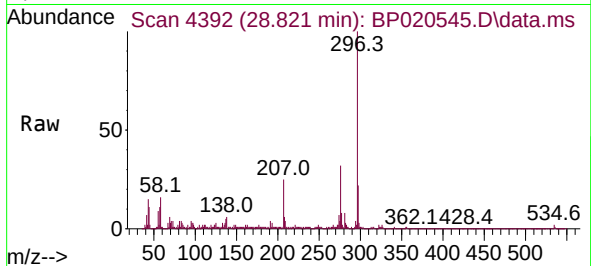




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.363 ng
 RT: 28.821 min Scan# 41
 Delta R.T. -0.041 min
 Lab File: BP020545.D
 Acq: 06 Jun 2024 17:31

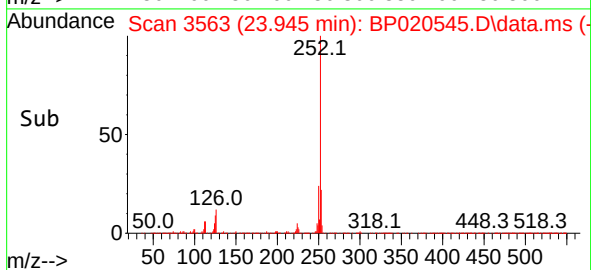
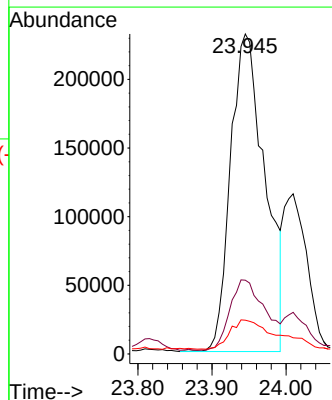
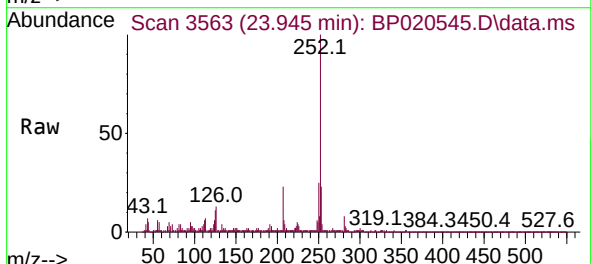
Instrument :
 BNA_P
 ClientSampleId :
 WC-TP-2

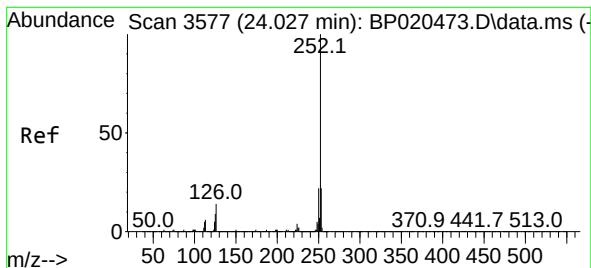
Tgt Ion:276 Resp: 364862
 Ion Ratio Lower Upper
 276 100
 138 16.7 12.8 19.2
 277 21.2 15.6 23.4



#88
 Benzo(b)fluoranthene
 Concen: 8.719 ng
 RT: 23.945 min Scan# 3563
 Delta R.T. -0.018 min
 Lab File: BP020545.D
 Acq: 06 Jun 2024 17:31

Tgt Ion:252 Resp: 747032
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.6 26.4
 125 10.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 2.935 ng

RT: 24.010 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020545.D

Acq: 06 Jun 2024 17:31

Instrument :

BNA_P

ClientSampleId :

WC-TP-2

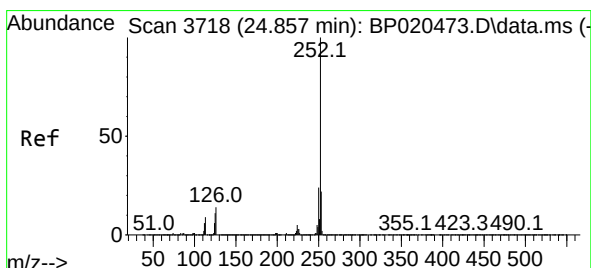
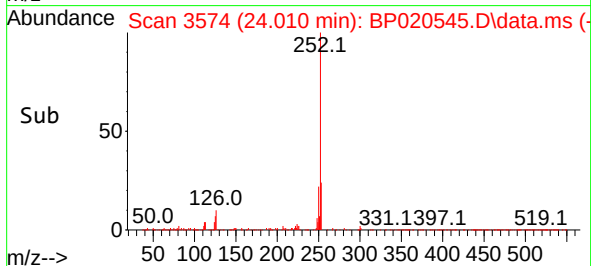
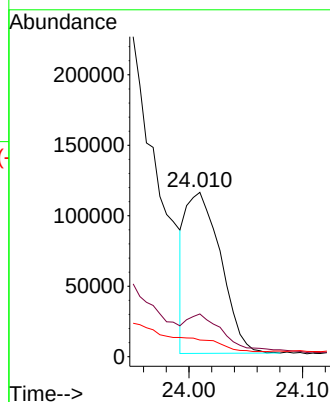
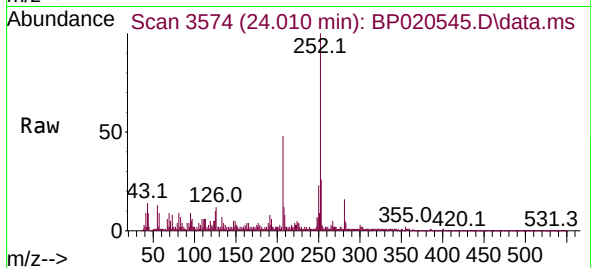
Tgt Ion:252 Resp: 245258

Ion Ratio Lower Upper

252 100

253 26.0 17.7 26.5

125 10.1 7.8 11.6



#90

Benzo(a)pyrene

Concen: 7.440 ng

RT: 24.839 min Scan# 3715

Delta R.T. -0.018 min

Lab File: BP020545.D

Acq: 06 Jun 2024 17:31

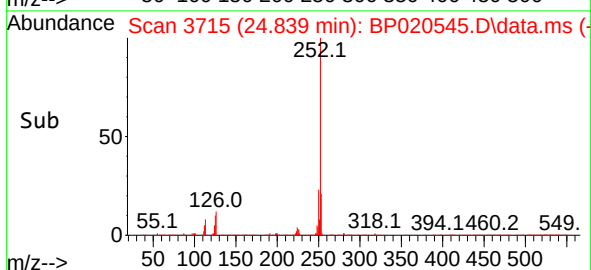
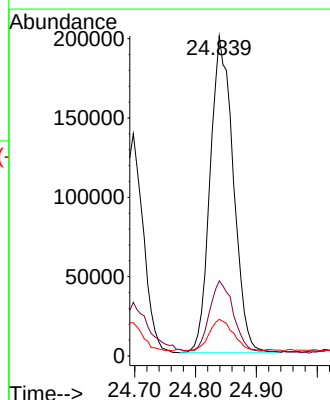
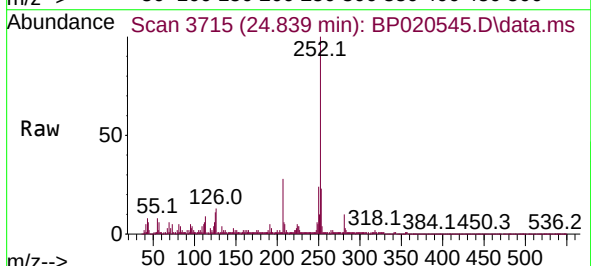
Tgt Ion:252 Resp: 527898

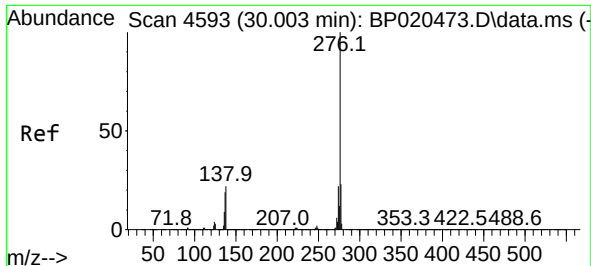
Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

125 11.4 8.9 13.3





#92
 Benzo(g,h,i)perylene
 Concen: 5.314 ng
 RT: 29.986 min Scan# 4590
 Delta R.T. -0.018 min
 Lab File: BP020545.D
 Acq: 06 Jun 2024 17:31

Instrument :
 BNA_P
 ClientSampleId :
 WC-TP-2

Tgt Ion: 276 Resp: 370476

Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.7	28.1
138	20.5	17.7	26.5

