

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)

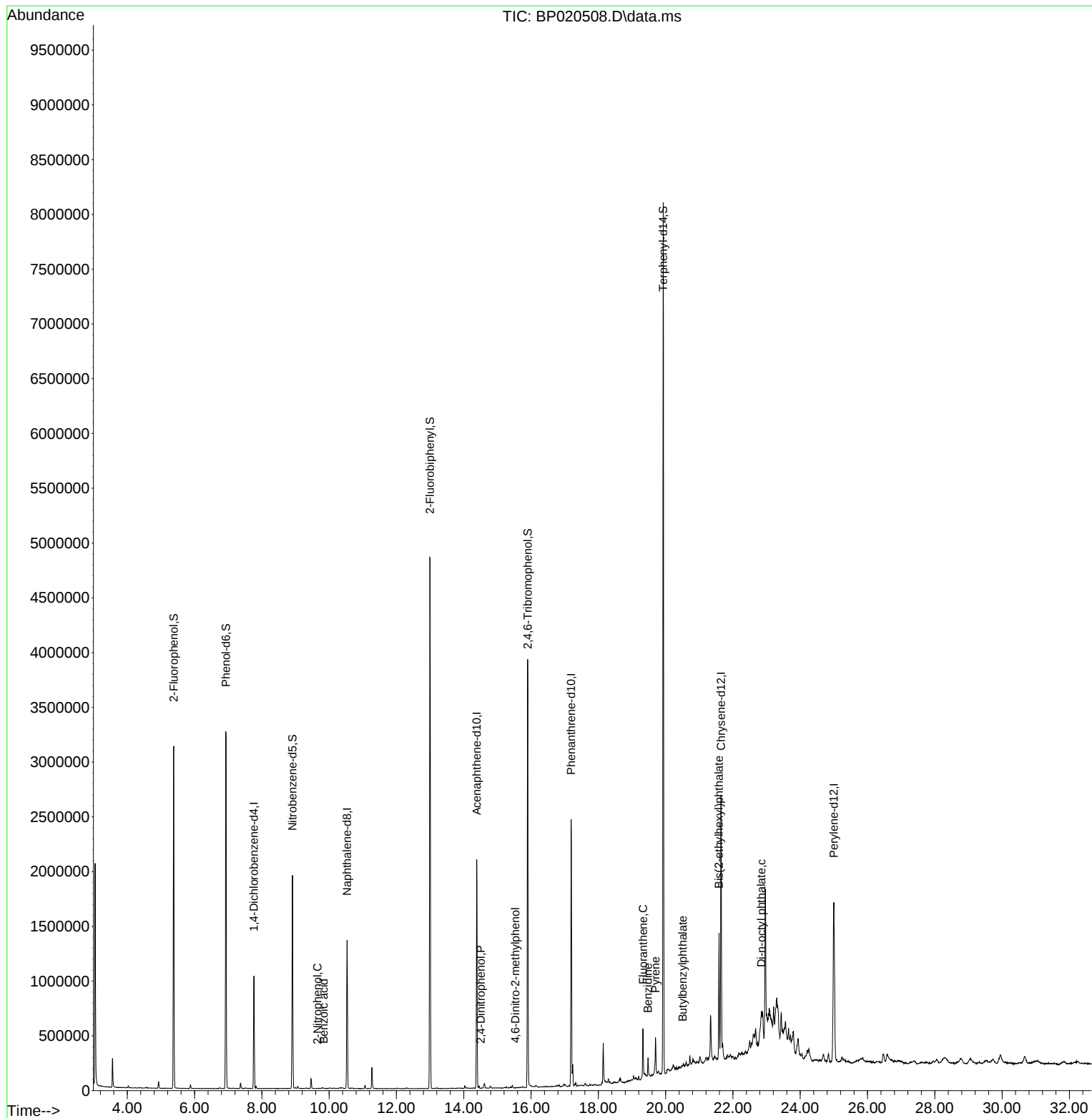
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	278825	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1139079	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	734212	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1531045	20.000	ng	-0.01
76) Chrysene-d12	21.645	240	1407479	20.000	ng	-0.02
86) 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
26) 2-Nitrophenol	9.652	139	20	3.793	ng	# 1
32) Benzoic acid	9.840	122	107	6.856	ng	# 1
54) 2,4-Dinitrophenol	14.504	184	8	4.976	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.534	198	19	7.656	ng	# 1
75) Fluoranthene	19.328	202	286157	3.214	ng	99
77) Benzidine	19.475	184	325	5.976	ng	# 1
78) Pyrene	19.698	202	219623	2.074	ng	98
80) Butylbenzylphthalate	20.504	149	333	2.438	ng	93
84) Bis(2-ethylhexyl)phtha...	21.586	149	461636	7.662	ng	99
85) Di-n-octyl phthalate	22.845	149	265102	3.027	ng	# 54

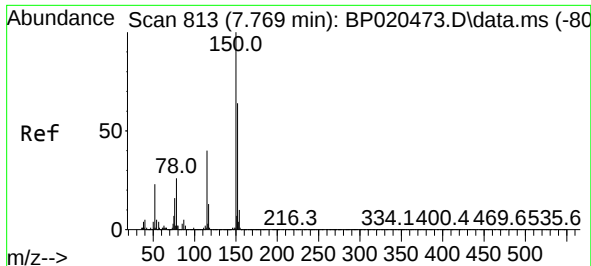
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
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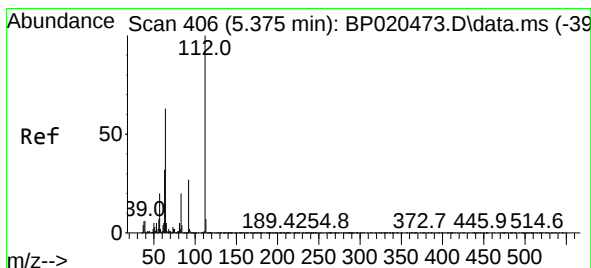
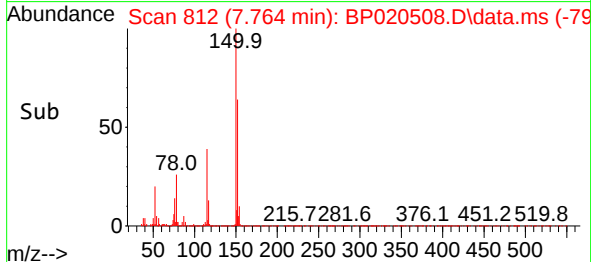
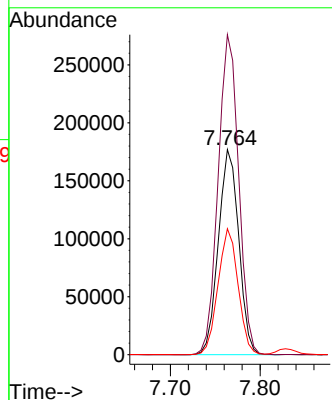
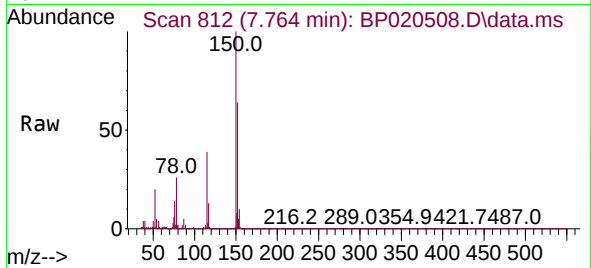




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.764 min Scan# 813
Delta R.T. -0.005 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

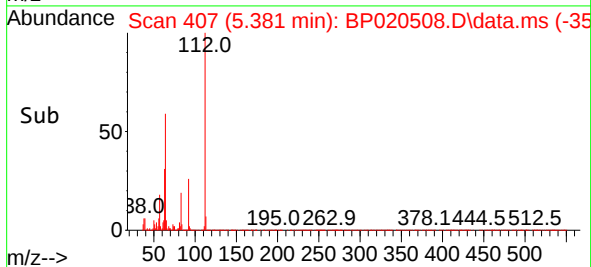
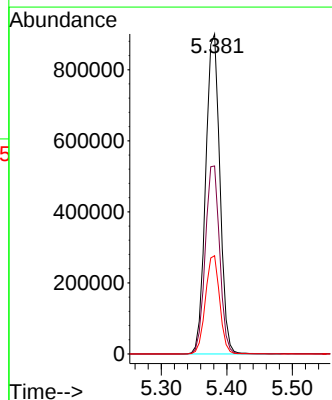
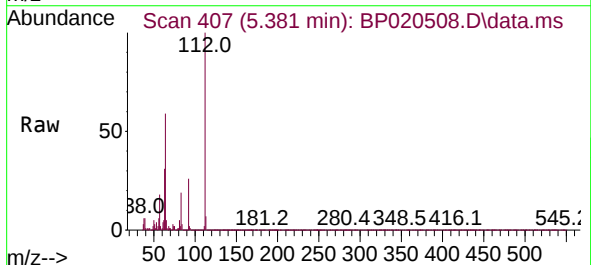
Instrument :
BNA_P
ClientSampleId :
72-11977

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

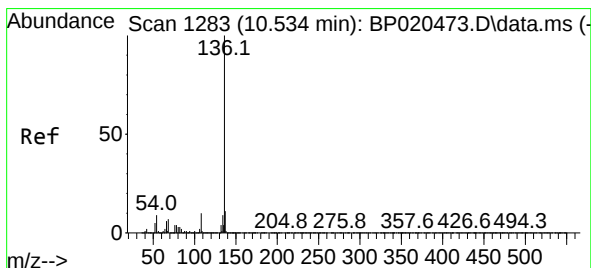
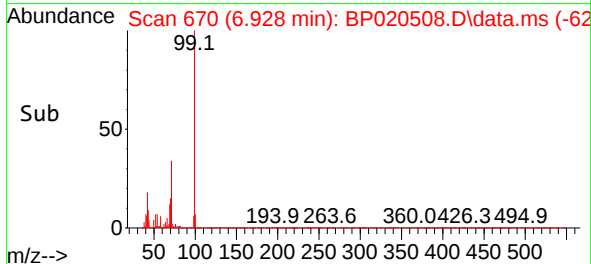
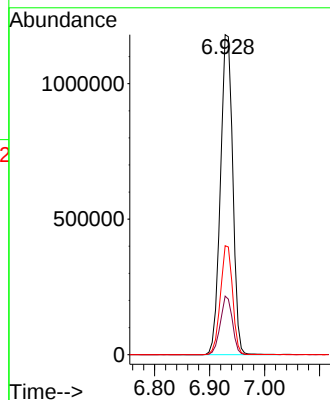
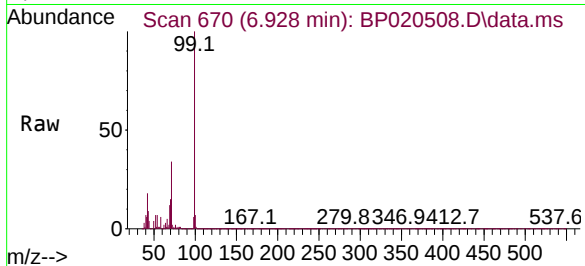




#7
Phenol-d6
Concen: 83.632 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

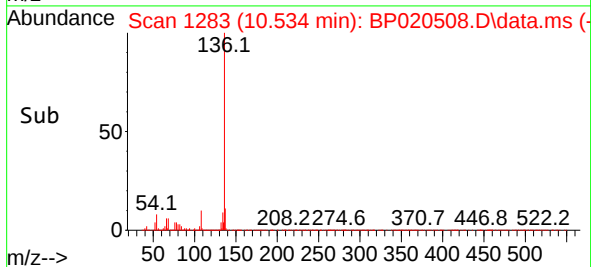
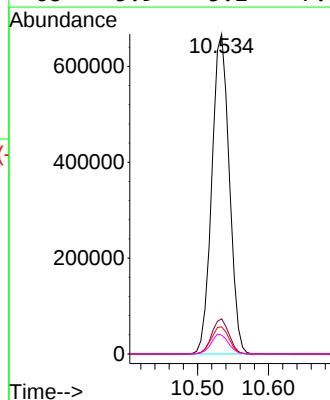
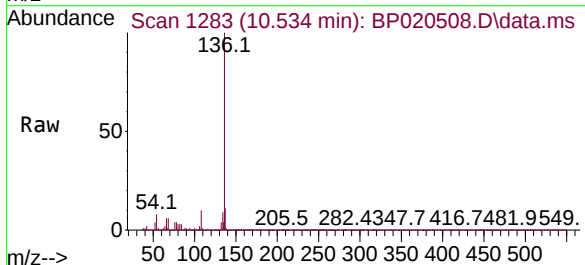
Instrument :
BNA_P
ClientSampleId :
72-11977

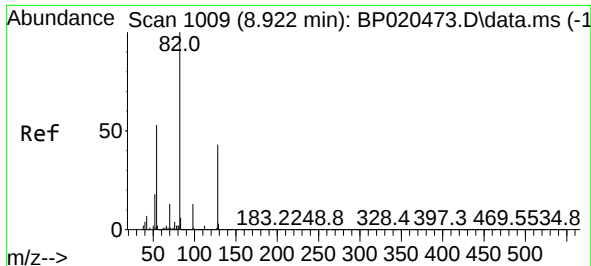
Tgt Ion: 99 Resp: 1836701
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 34.0 27.3 40.9



#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

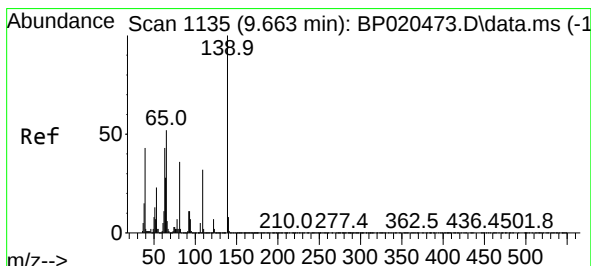
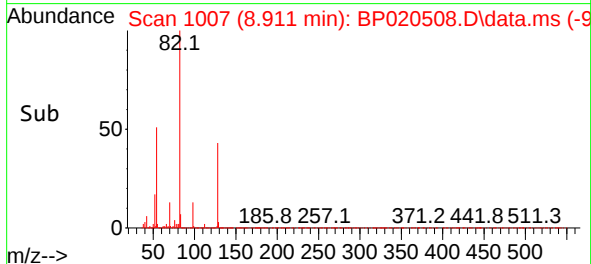
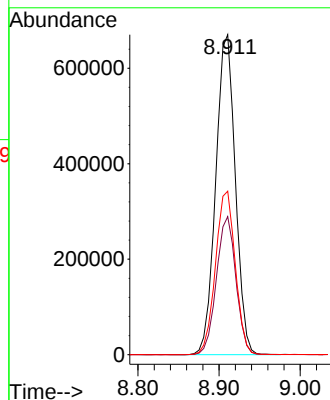
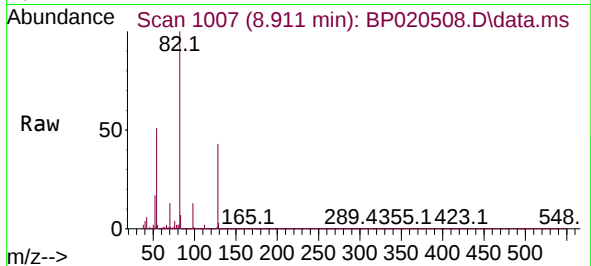




#23
Nitrobenzene-d5
Concen: 54.126 ng
RT: 8.911 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

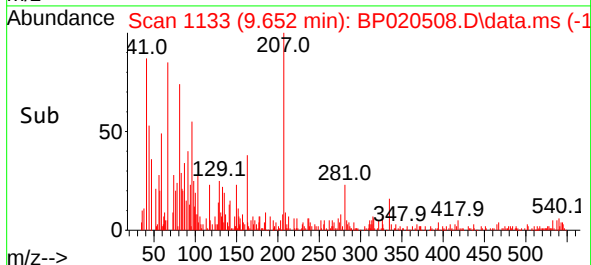
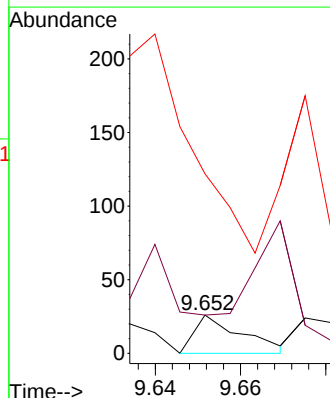
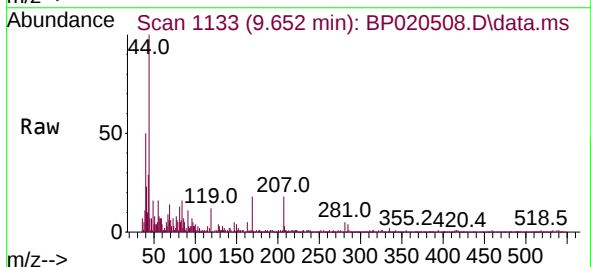
Instrument :
BNA_P
ClientSampleId :
72-11977

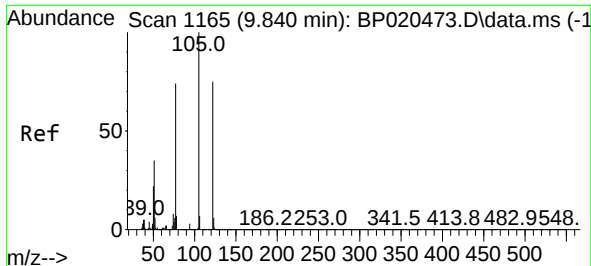
Tgt Ion: 82 Resp: 1126299
Ion Ratio Lower Upper
82 100
128 43.2 34.2 51.4
54 51.1 42.7 64.1



#26
2-Nitrophenol
Concen: 3.793 ng
RT: 9.652 min Scan# 1133
Delta R.T. -0.011 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

Tgt Ion: 139 Resp: 20
Ion Ratio Lower Upper
139 100
109 100.0 25.8 38.8#
65 469.2 41.8 62.8#

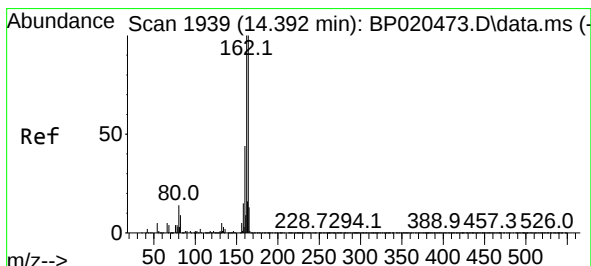
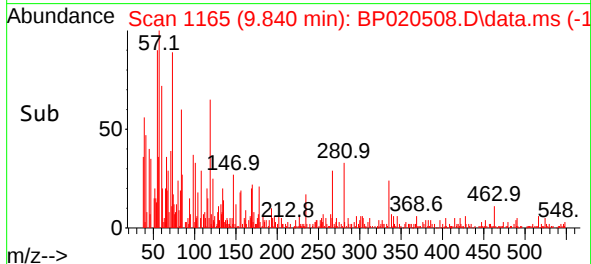
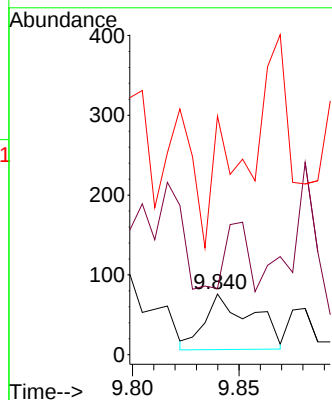
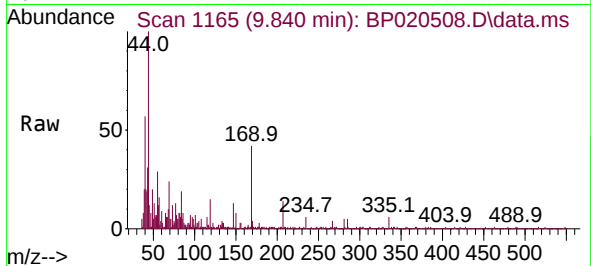




#32
Benzoic acid
Concen: 6.856 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

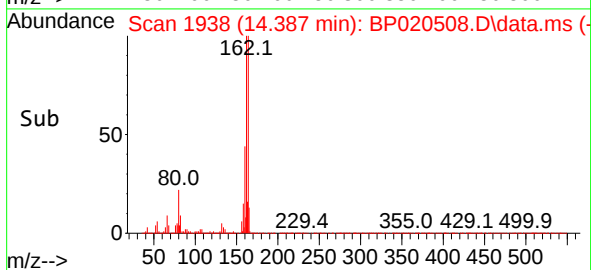
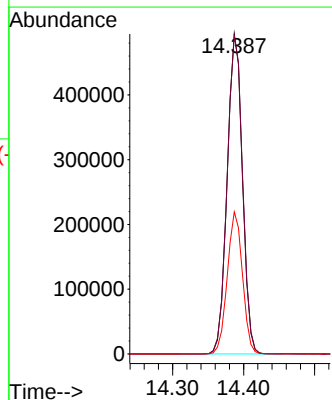
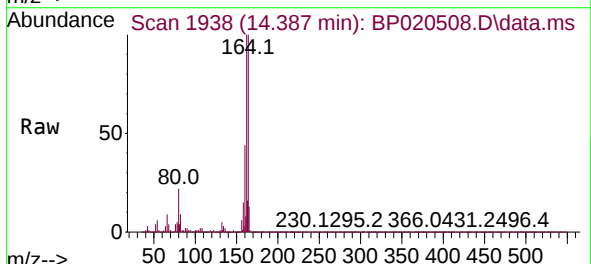
Instrument :
BNA_P
ClientSampleId :
72-11977

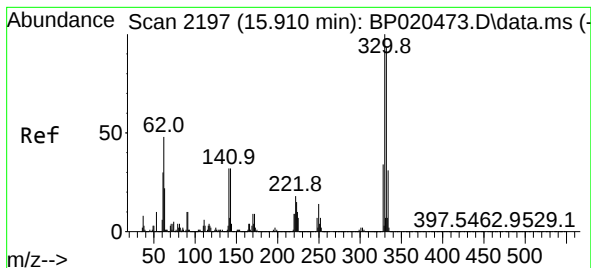
Tgt Ion:122 Resp: 107
Ion Ratio Lower Upper
122 100
105 109.2 107.5 147.5
77 393.4 76.1 116.1#



#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

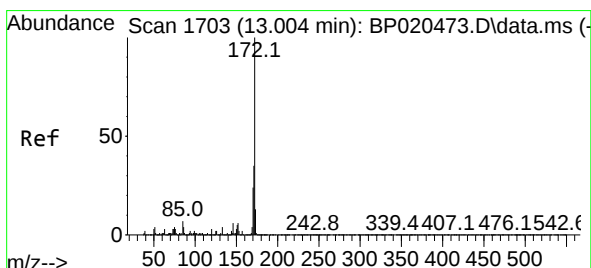
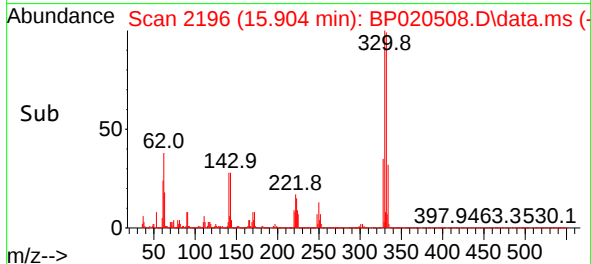
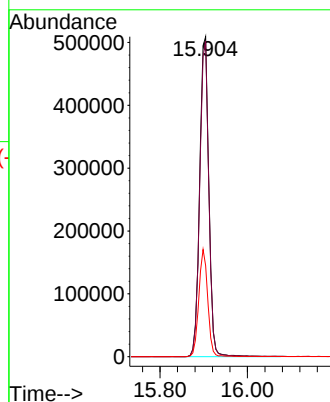
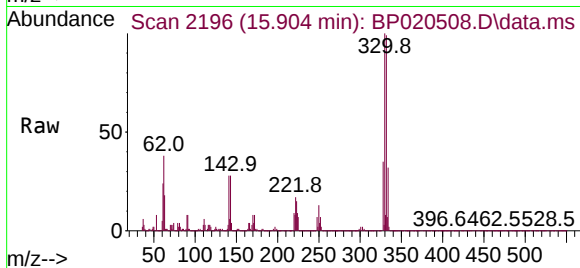




#42
2,4,6-Tribromophenol
Concen: 97.650 ng
RT: 15.904 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

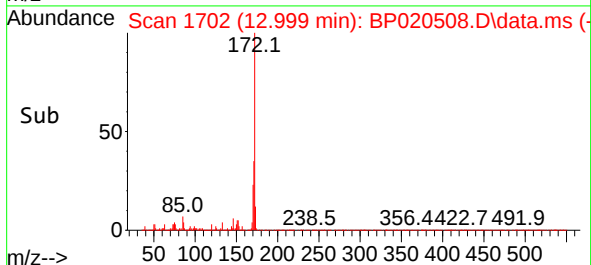
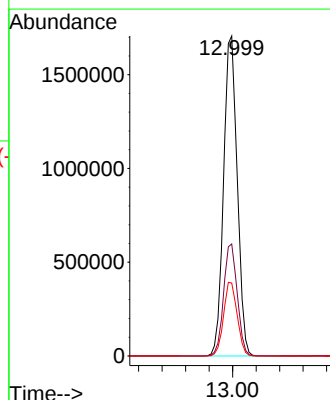
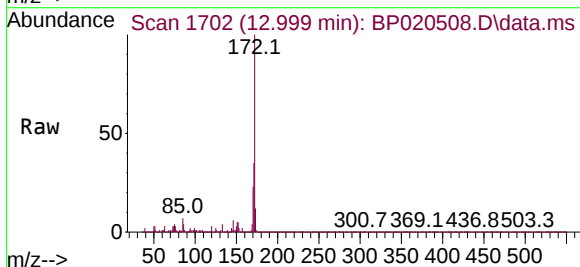
Instrument :
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ClientSampleId :
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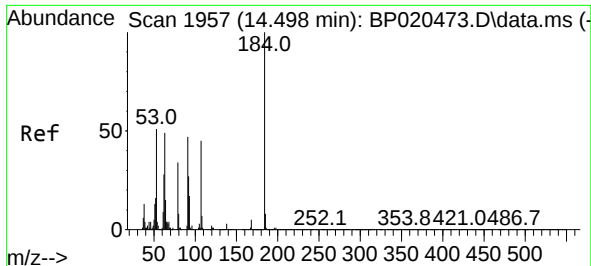
Tgt Ion:330 Resp: 744064
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 32.7 27.1 40.7



#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

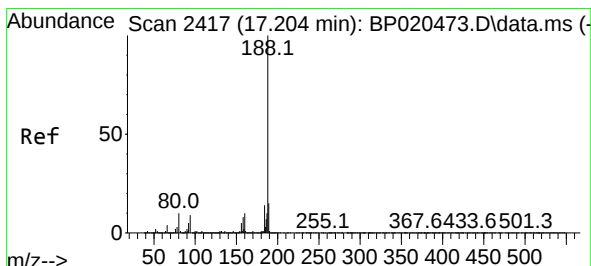
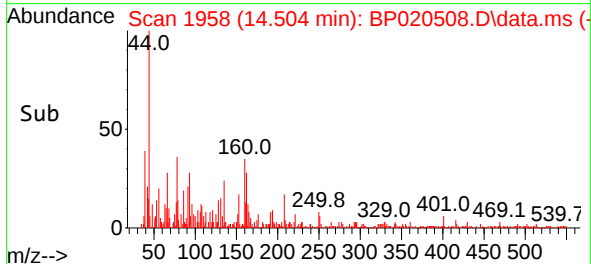
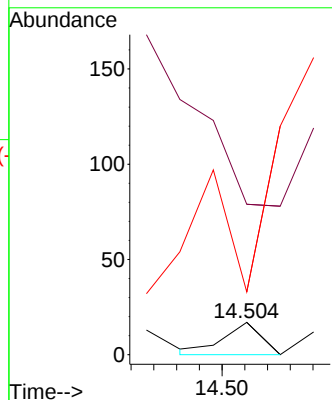
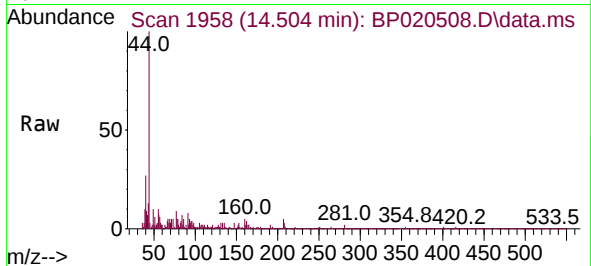




#54
2,4-Dinitrophenol
Concen: 4.976 ng
RT: 14.504 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

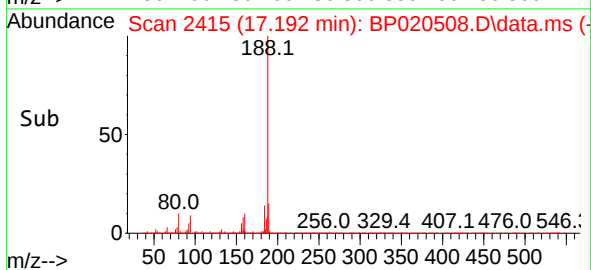
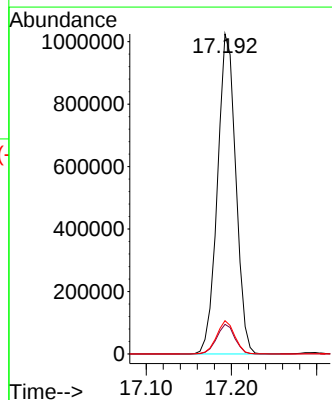
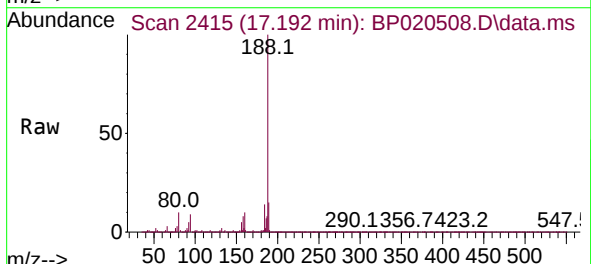
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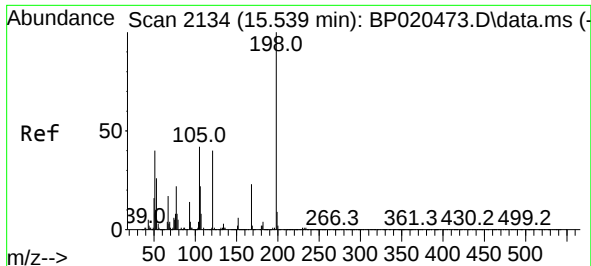
Tgt Ion:184 Resp: 8
Ion Ratio Lower Upper
184 100
63 464.7 54.2 81.4#
154 194.1 51.0 76.6#



#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

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

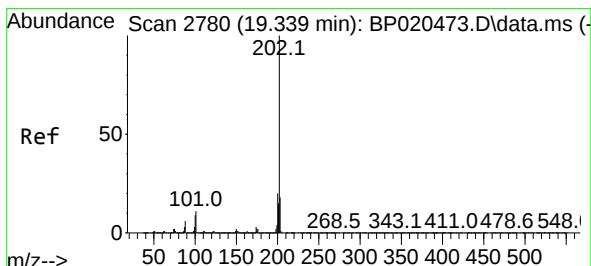
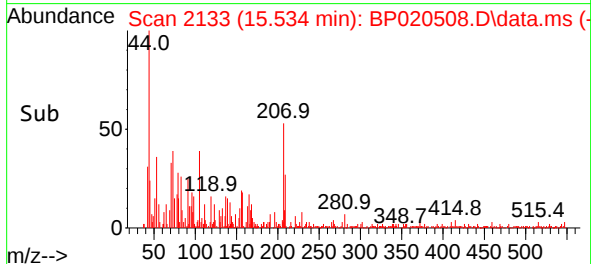
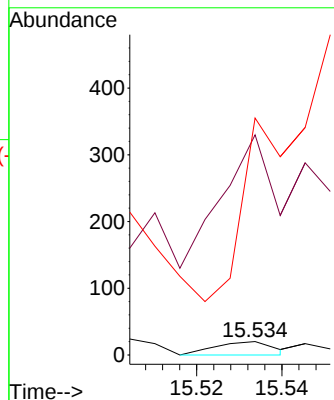
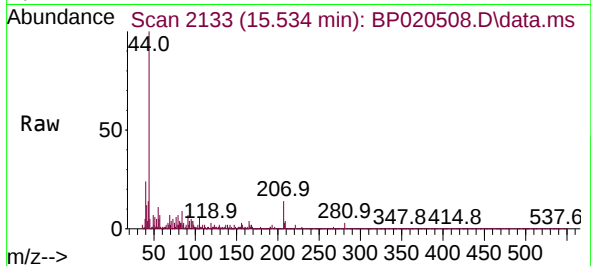




#65
4,6-Dinitro-2-methylphenol
Concen: 7.656 ng
RT: 15.534 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

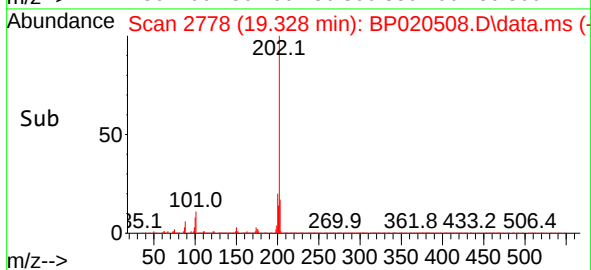
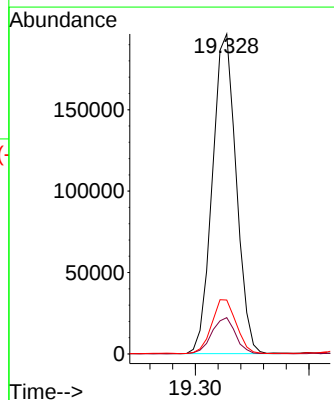
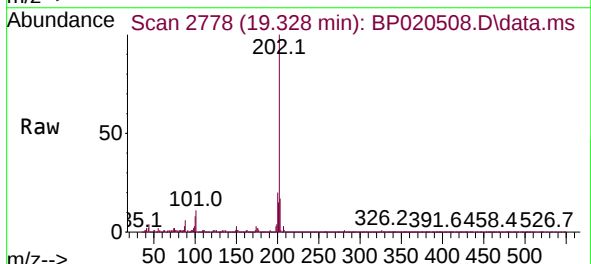
Instrument :
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72-11977

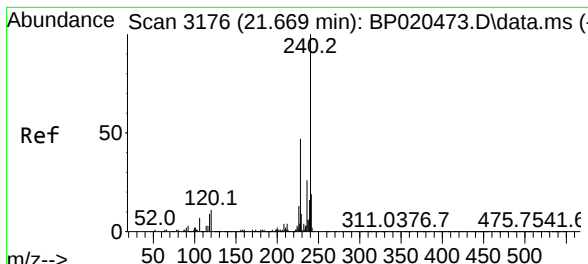
Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 1650.0 24.8 64.8#
105 1775.0 23.2 63.2#



#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

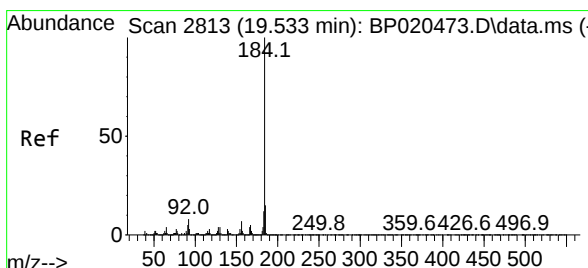
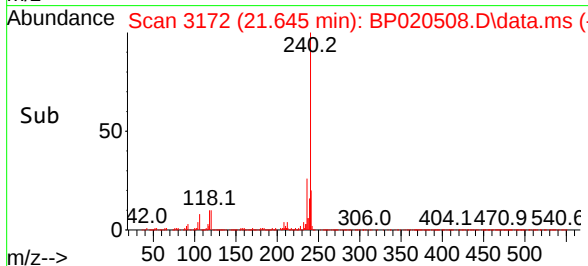
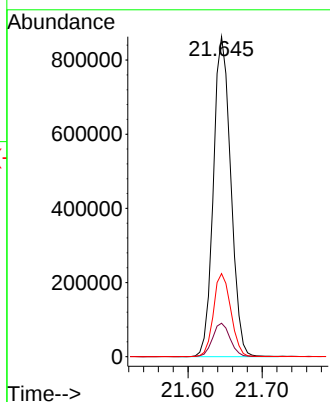
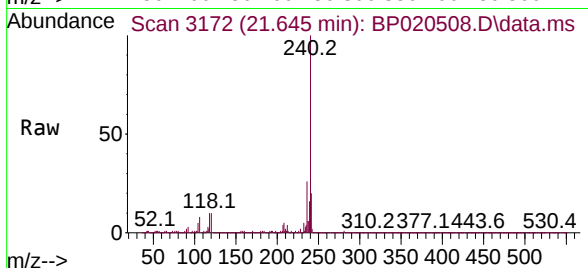




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3176
Delta R.T. -0.023 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

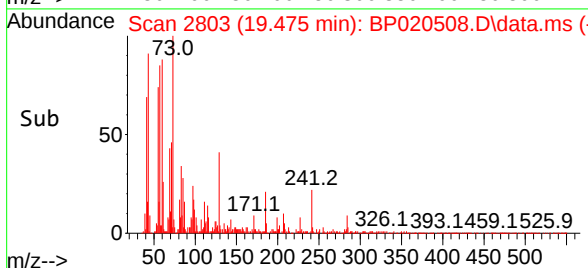
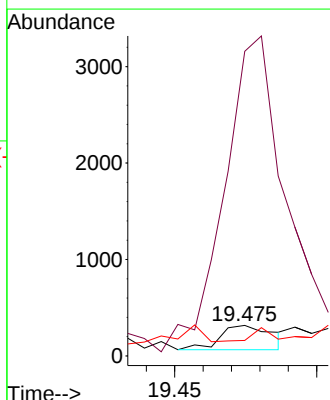
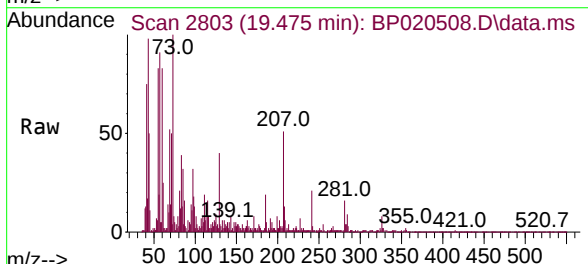
Instrument :
BNA_P
ClientSampleId :
72-11977

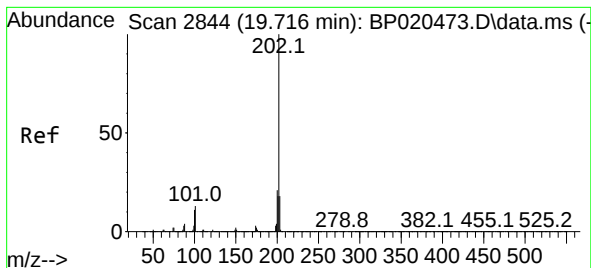
Tgt Ion:240 Resp: 1407479
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 26.0 20.5 30.7



#77
Benzidine
Concen: 5.976 ng
RT: 19.475 min Scan# 2803
Delta R.T. -0.058 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

Tgt Ion:184 Resp: 325
Ion Ratio Lower Upper
184 100
185 999.7 12.0 18.0#
183 50.9 9.4 14.0#





#78

Pyrene

Concen: 2.074 ng

RT: 19.698 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP020508.D

Acq: 04 Jun 2024 23:23

Instrument :

BNA_P

ClientSampleId :

72-11977

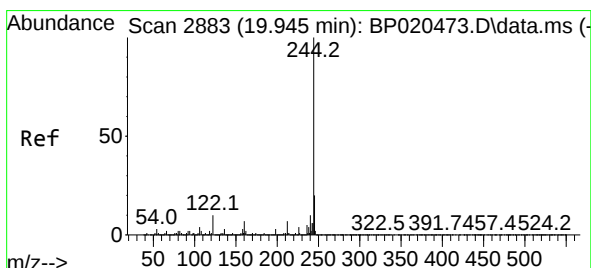
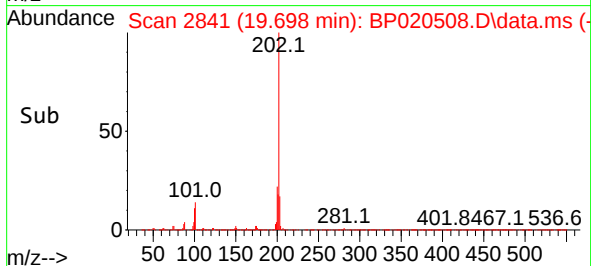
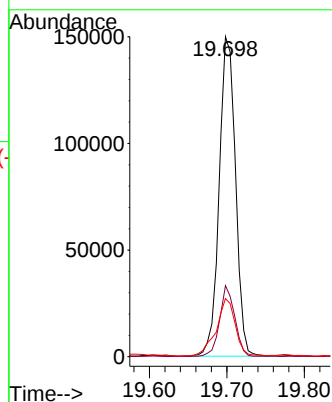
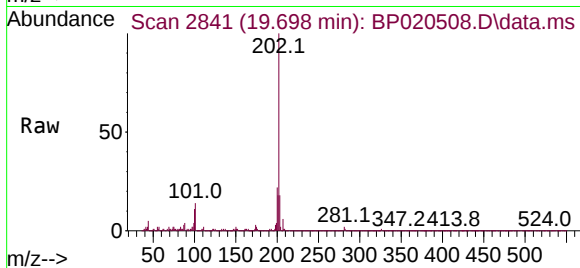
Tgt Ion:202 Resp: 219623

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# 2880

Delta R.T. -0.017 min

Lab File: BP020508.D

Acq: 04 Jun 2024 23:23

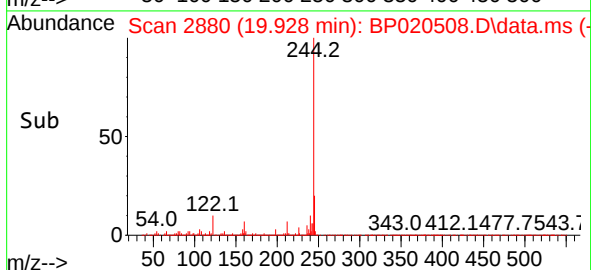
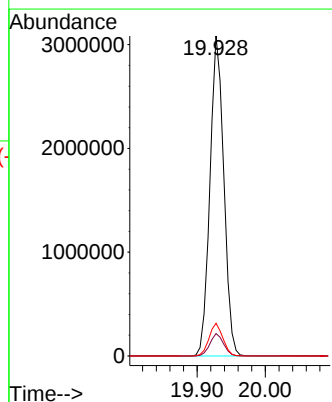
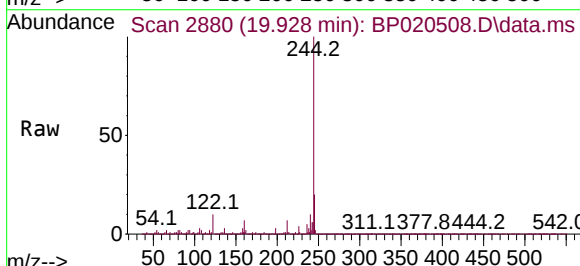
Tgt Ion:244 Resp: 4363401

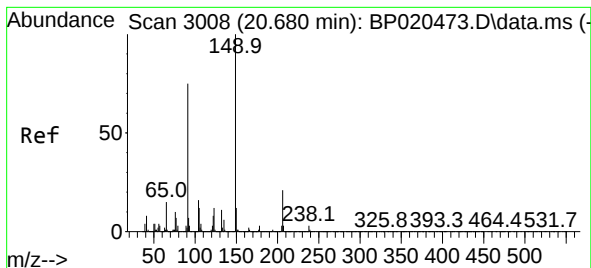
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.2 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.438 ng

RT: 20.504 min Scan# 2978

Delta R.T. -0.176 min

Lab File: BP020508.D

Acq: 04 Jun 2024 23:23

Instrument :

BNA_P

ClientSampleId :

72-11977

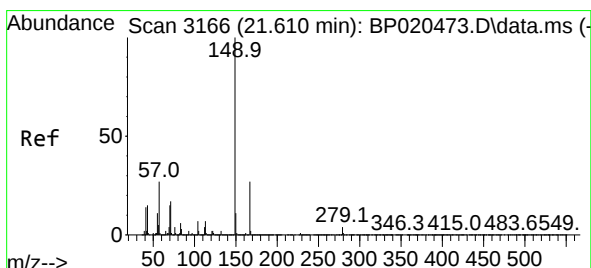
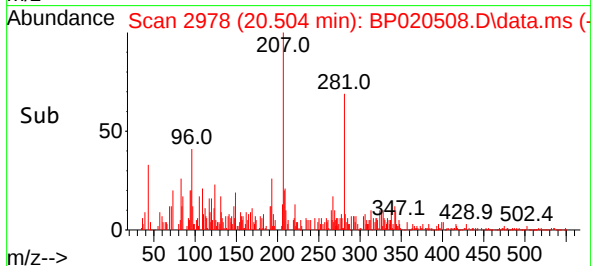
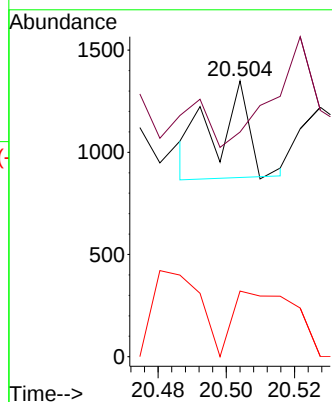
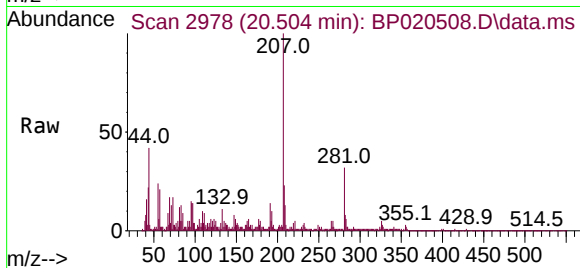
Tgt Ion:149 Resp: 333

Ion Ratio Lower Upper

149 100

91 81.5 60.0 90.0

206 23.8 16.6 25.0



#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

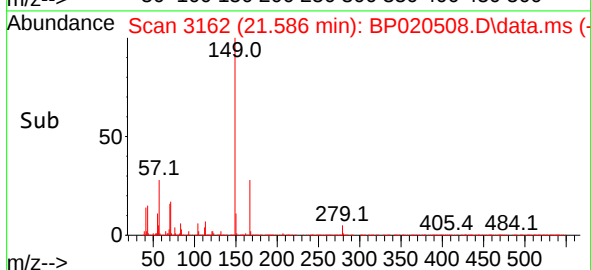
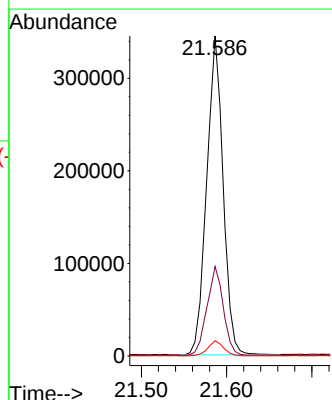
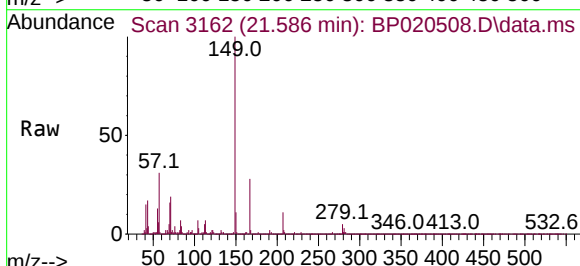
Tgt Ion:149 Resp: 461636

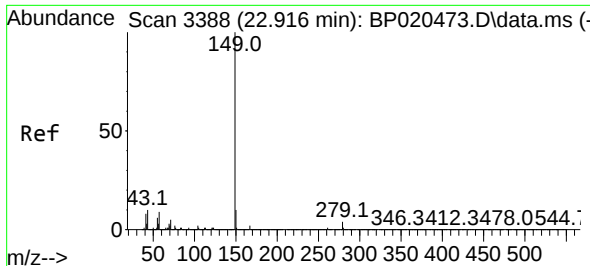
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

279 4.7 3.4 5.0

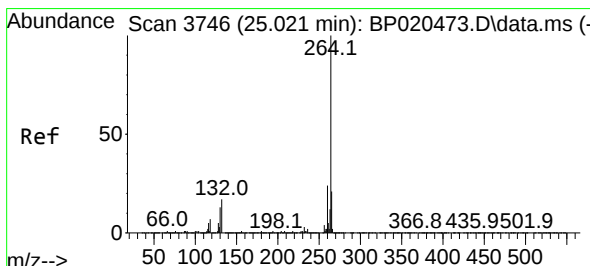
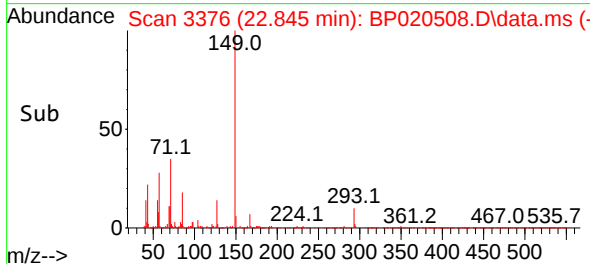
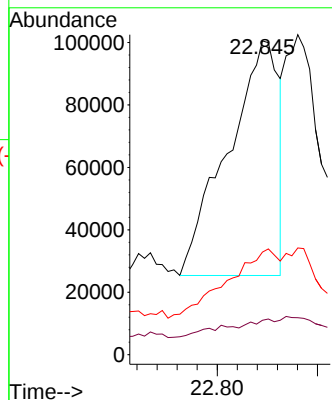
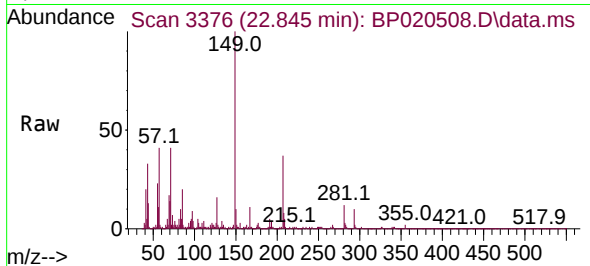




#85
Di-n-octyl phthalate
Concen: 3.027 ng
RT: 22.845 min Scan# 31
Delta R.T. -0.071 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

Instrument :
BNA_P
ClientSampleId :
72-11977

Tgt Ion:149 Resp: 265102
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 29.8 8.2 12.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.998 min Scan# 3742
Delta R.T. -0.023 min
Lab File: BP020508.D
Acq: 04 Jun 2024 23:23

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

