

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
 Data File : BP009164.D
 Acq On : 15 Feb 2022 20:44
 Operator : CG/JU
 Sample : N1521-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP2-C

Quant Time: Feb 16 01:39:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 01:29:44 2022
 Response via : Initial Calibration

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

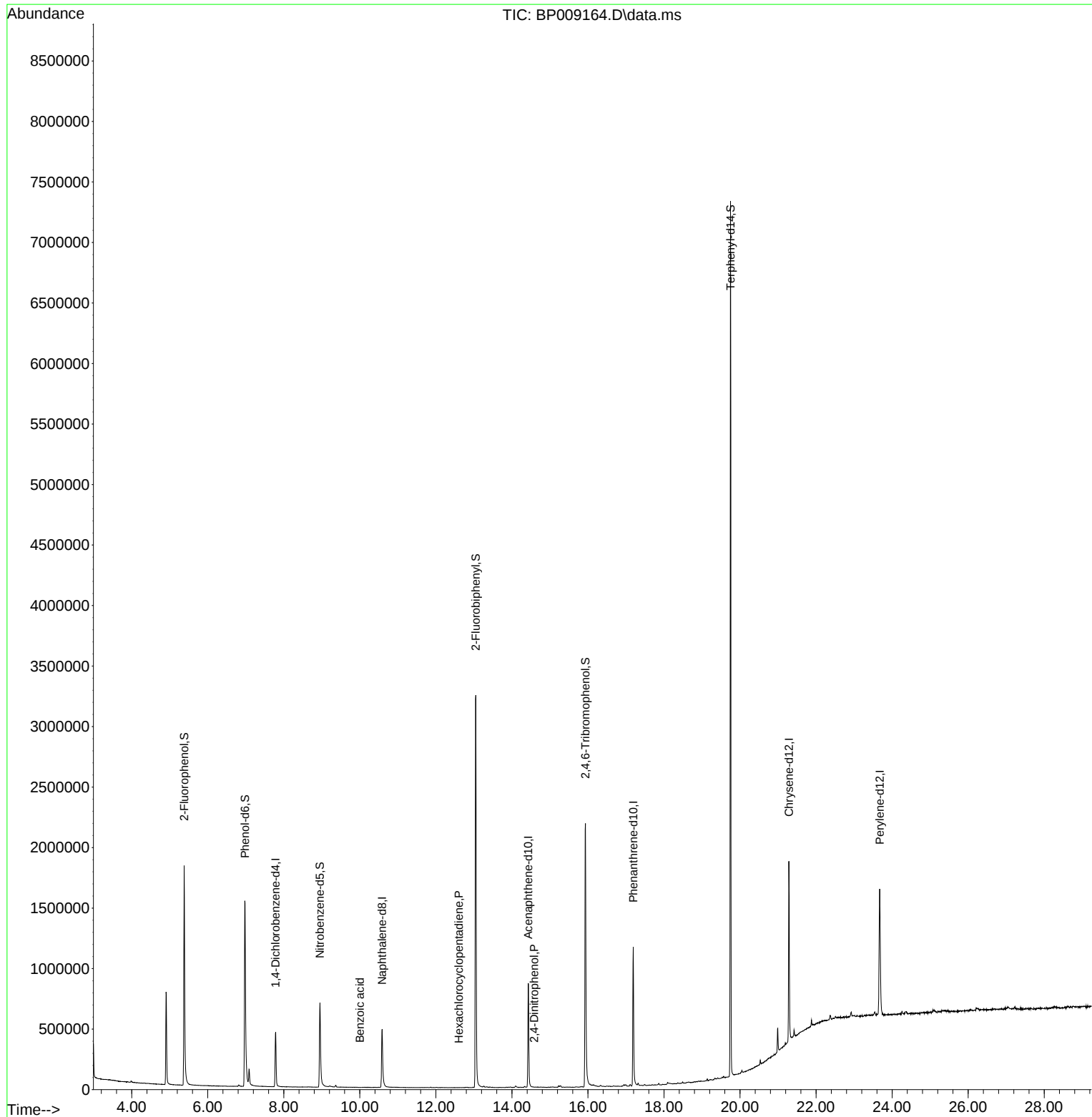
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	151138	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	554945	20.000	ng	0.00
39) Acenaphthene-d10	14.428	164	363620	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	806960	20.000	ng	0.00
76) Chrysene-d12	21.286	240	858403	20.000	ng	0.00
86) Perylene-d12	23.674	264	915150	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	988210	116.633	ng	0.00
7) Phenol-d6	6.981	99	1174151	105.170	ng	0.00
23) Nitrobenzene-d5	8.951	82	546276	55.513	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	591293	121.791	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	2055880	79.149	ng	0.00
79) Terphenyl-d14	19.751	244	3647159	76.407	ng	0.00
Target Compounds						
32) Benzoic acid	10.004	122	48	2.698	ng	# 1
41) Hexachlorocyclopentadiene	12.604	237	47	8.666	ng	91
54) 2,4-Dinitrophenol	14.586	184	12	2.172	ng	# 1

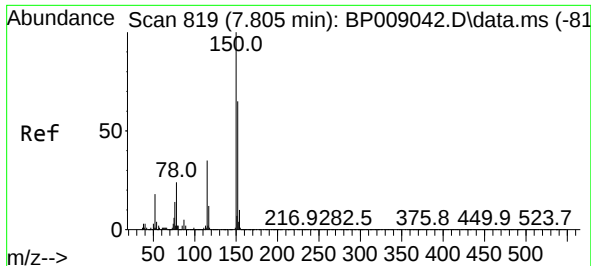
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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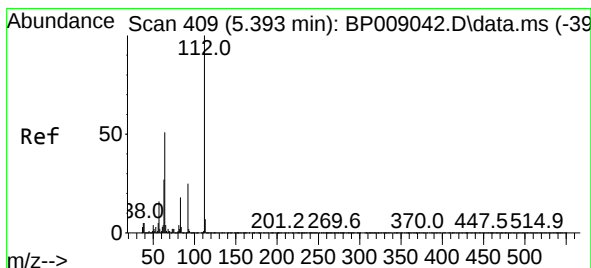
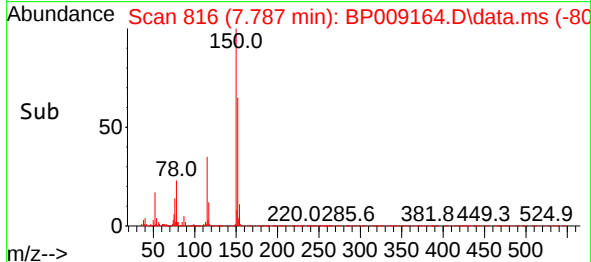
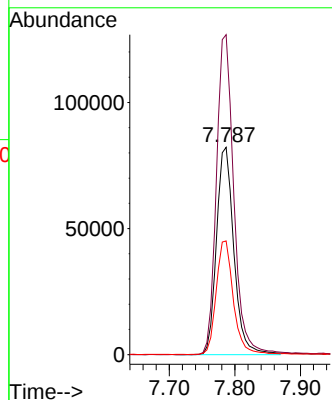
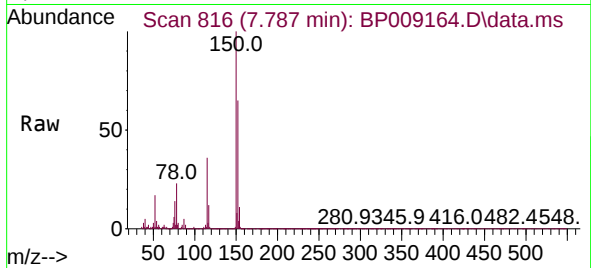




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009164.D
Acq: 15 Feb 2022 20:44

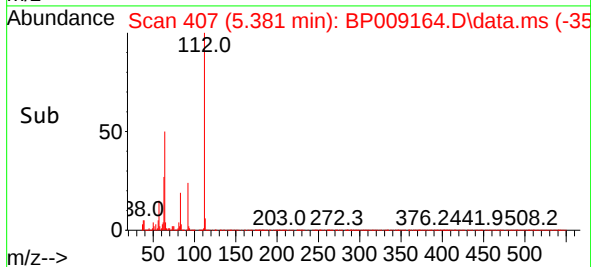
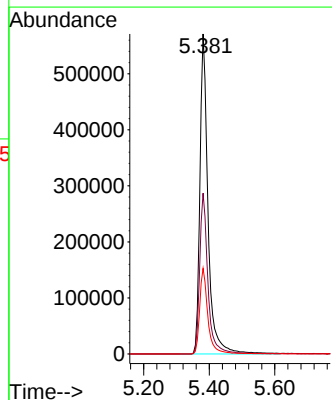
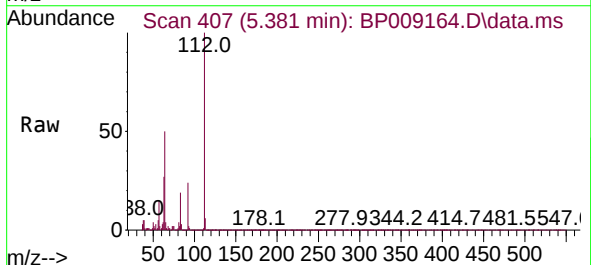
Instrument :
BNA_P
ClientSampleId :
TP2-C

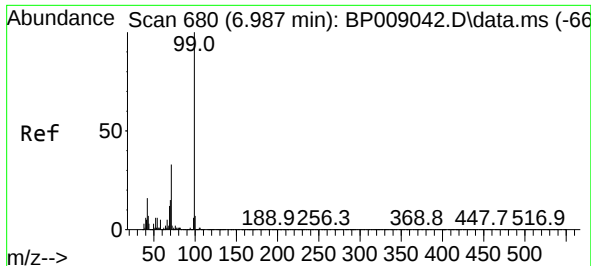
Tgt Ion:152 Resp: 151138
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.6
115 54.9 43.7 65.5



#5
2-Fluorophenol
Concen: 116.633 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP009164.D
Acq: 15 Feb 2022 20:44

Tgt Ion:112 Resp: 988210
Ion Ratio Lower Upper
112 100
64 50.3 39.7 59.5
63 26.8 20.0 30.0

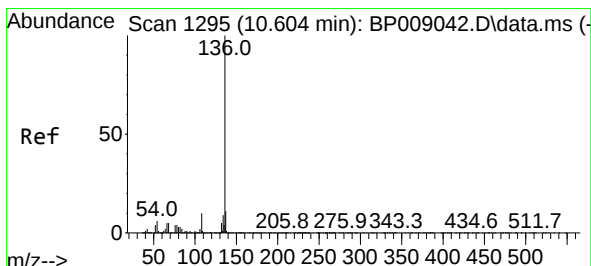
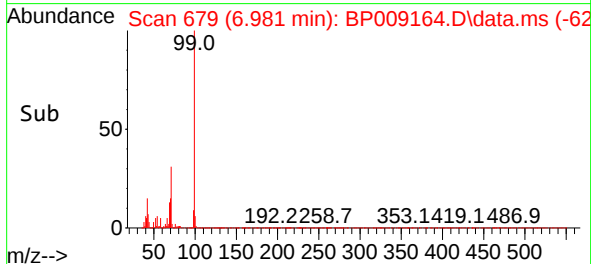
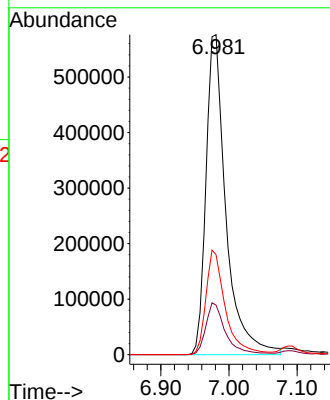
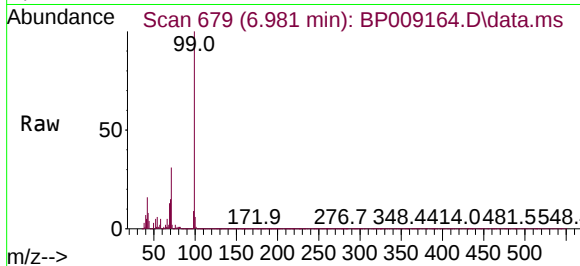




#7
Phenol-d6
Concen: 105.170 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009164.D
Acq: 15 Feb 2022 20:44

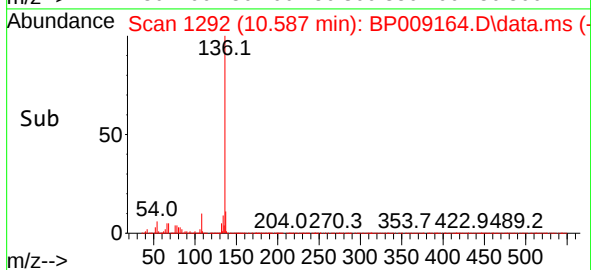
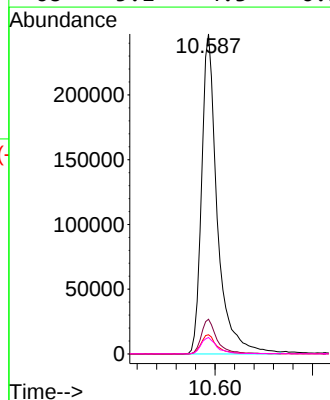
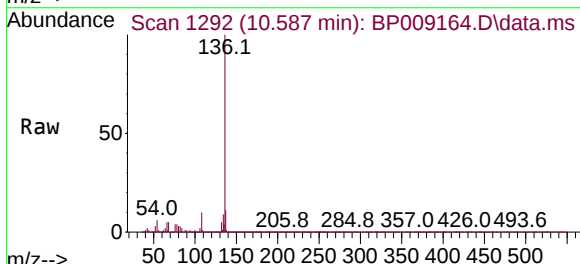
Instrument :
BNA_P
ClientSampleId :
TP2-C

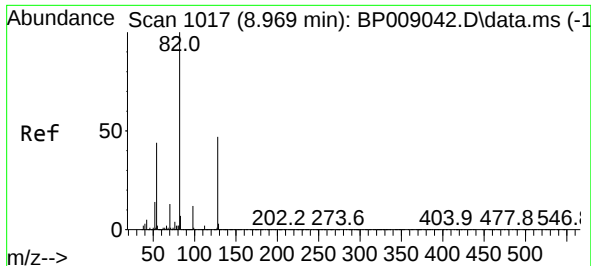
Tgt Ion: 99 Resp: 1174151
Ion Ratio Lower Upper
99 100
42 15.5 10.8 16.2
71 31.2 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP009164.D
Acq: 15 Feb 2022 20:44

Tgt Ion:136 Resp: 554945
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.0 4.9 7.3
68 5.1 4.3 6.5

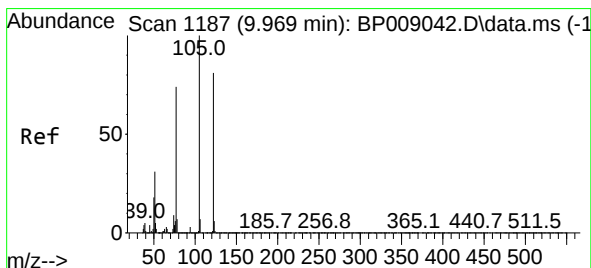
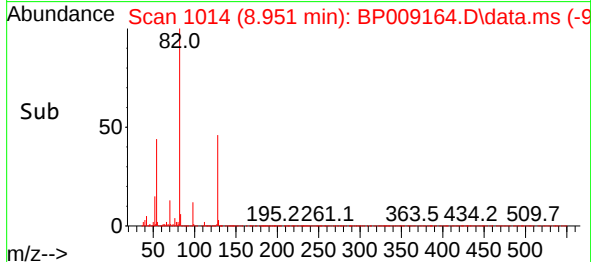
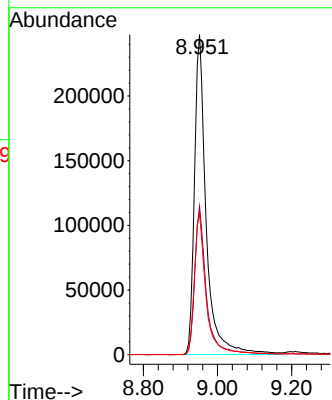
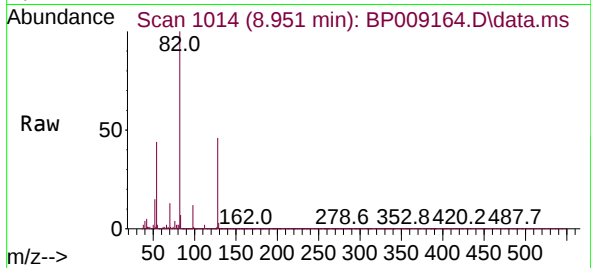




#23
Nitrobenzene-d5
Concen: 55.513 ng
RT: 8.951 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BP009164.D
Acq: 15 Feb 2022 20:44

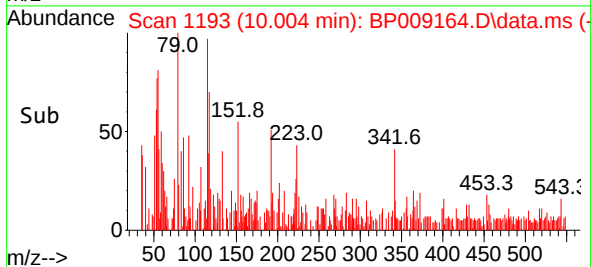
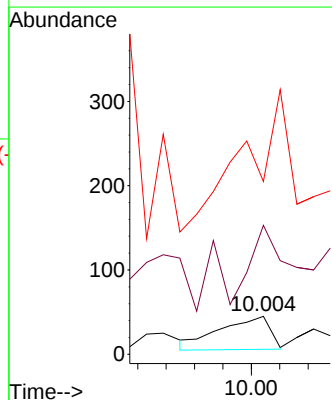
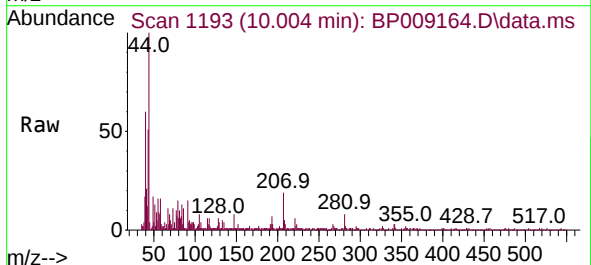
Instrument :
BNA_P
ClientSampleId :
TP2-C

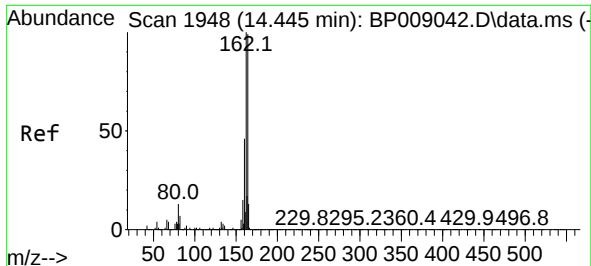
Tgt Ion: 82 Resp: 546276
Ion Ratio Lower Upper
82 100
128 46.4 39.4 59.2
54 44.1 32.6 48.8



#32
Benzoic acid
Concen: 2.698 ng
RT: 10.004 min Scan# 1193
Delta R.T. 0.017 min
Lab File: BP009164.D
Acq: 15 Feb 2022 20:44

Tgt Ion: 122 Resp: 48
Ion Ratio Lower Upper
122 100
105 340.0 100.1 140.1#
77 455.6 65.5 105.5#

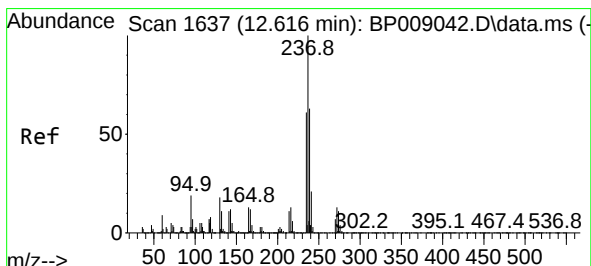
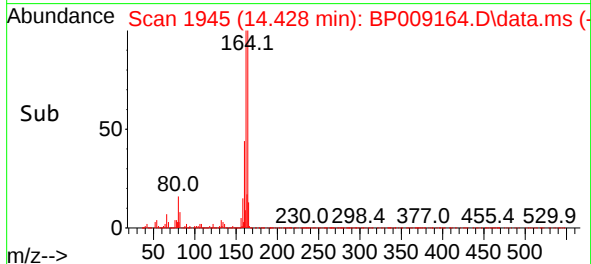
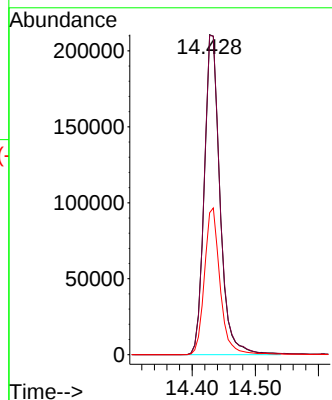
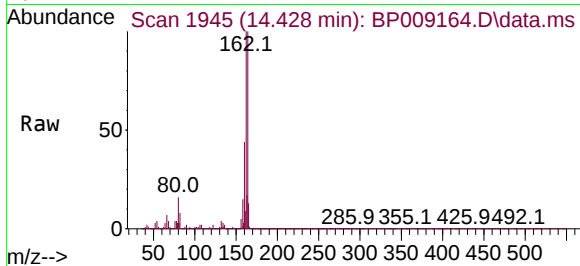




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP009164.D
Acq: 15 Feb 2022 20:44

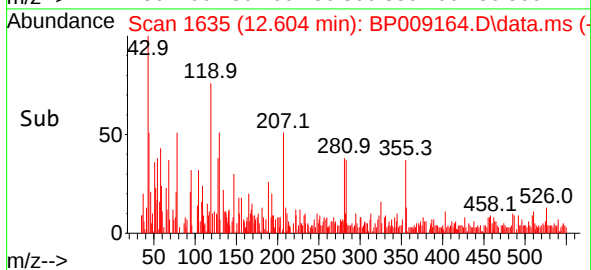
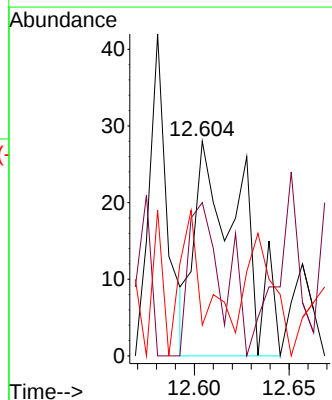
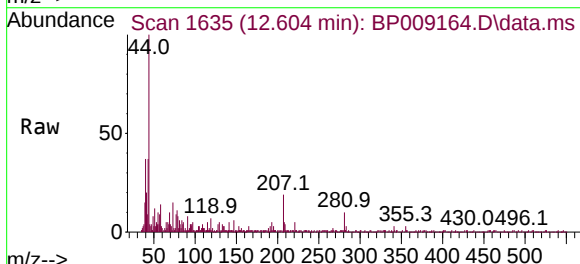
Instrument :
BNA_P
ClientSampleId :
TP2-C

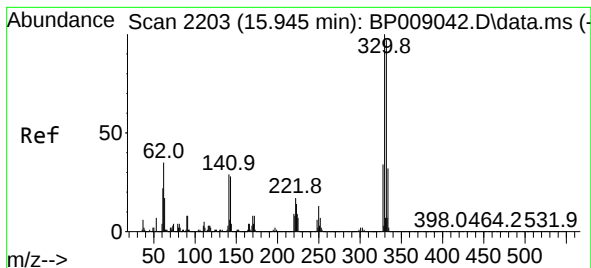
Tgt Ion:164 Resp: 363620
Ion Ratio Lower Upper
164 100
162 99.7 79.9 119.9
160 44.4 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.666 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BP009164.D
Acq: 15 Feb 2022 20:44

Tgt Ion:237 Resp: 47
Ion Ratio Lower Upper
237 100
235 71.4 42.9 82.9
272 14.3 0.0 33.8





#42

2,4,6-Tribromophenol

Concen: 121.791 ng

RT: 15.933 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009164.D

Acq: 15 Feb 2022 20:44

Instrument :

BNA_P

ClientSampleId :

TP2-C

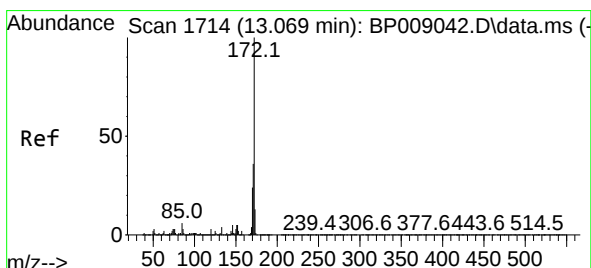
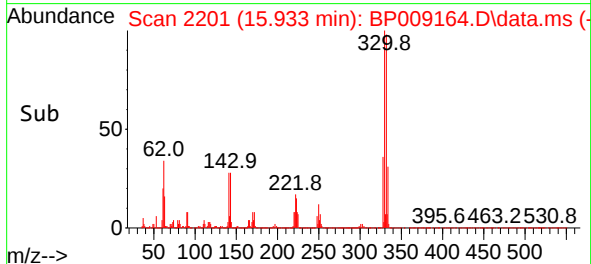
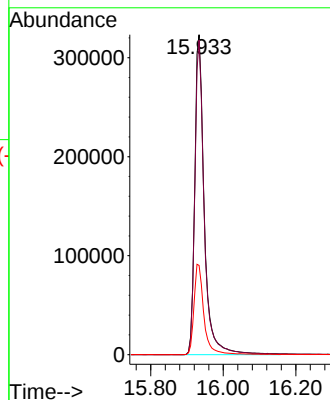
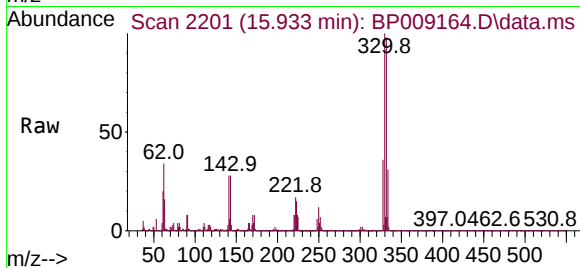
Tgt Ion:330 Resp: 591293

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 29.4 21.3 31.9



#45

2-Fluorobiphenyl

Concen: 79.149 ng

RT: 13.051 min Scan# 1711

Delta R.T. -0.006 min

Lab File: BP009164.D

Acq: 15 Feb 2022 20:44

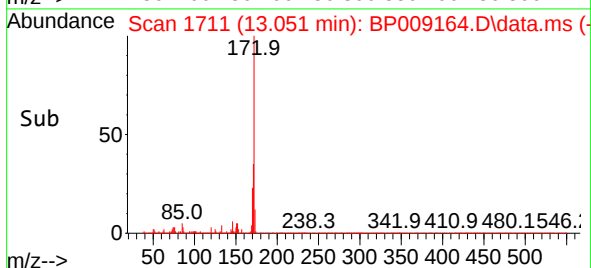
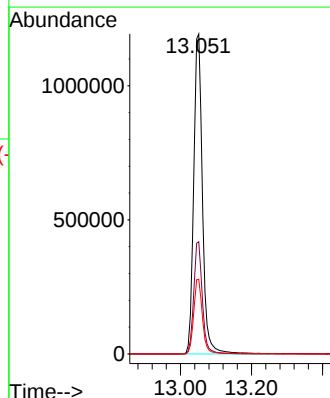
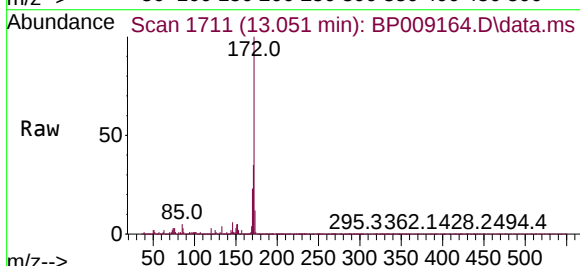
Tgt Ion:172 Resp: 2055880

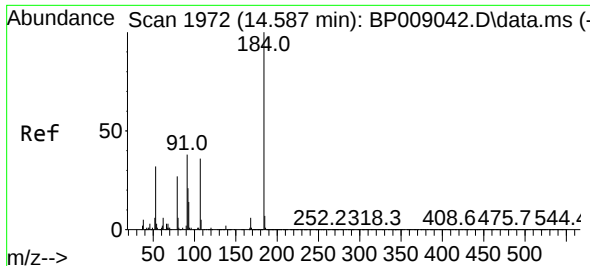
Ion Ratio Lower Upper

172 100

171 35.0 29.3 43.9

170 23.4 19.5 29.3

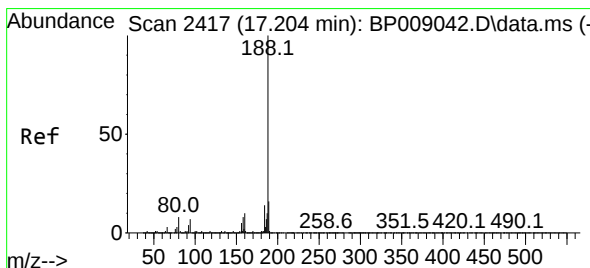
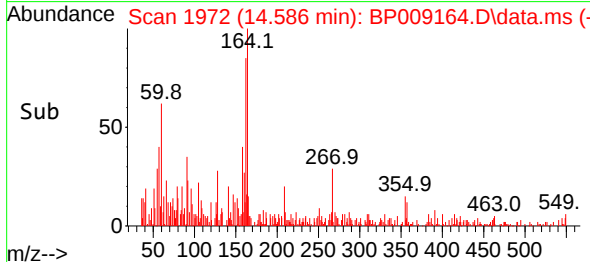
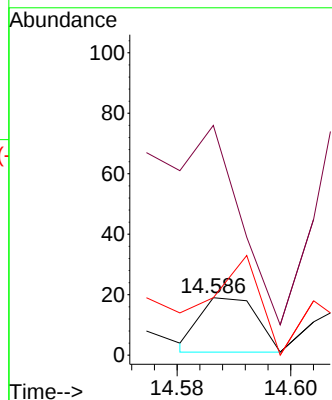
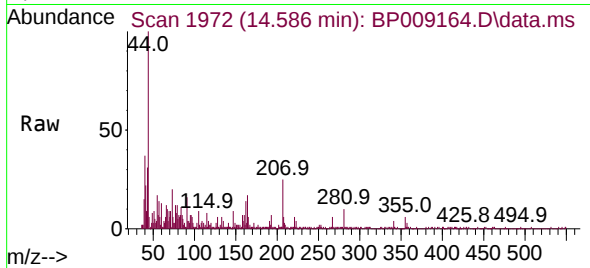




#54
2,4-Dinitrophenol
Concen: 2.172 ng
RT: 14.586 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP009164.D
Acq: 15 Feb 2022 20:44

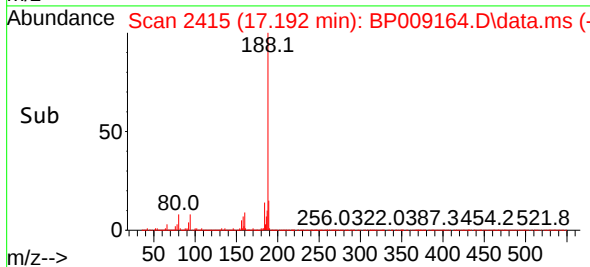
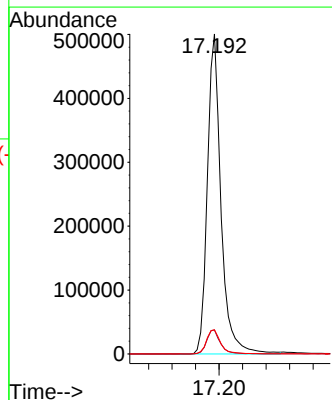
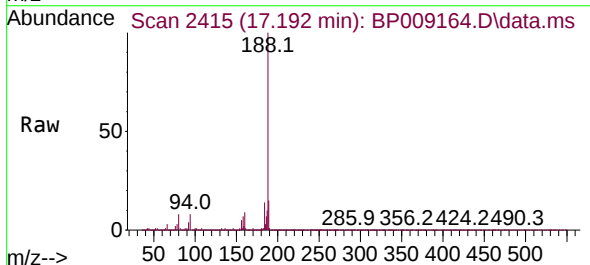
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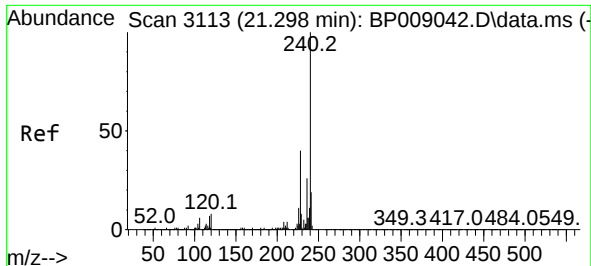
Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 400.0 35.6 53.4#
154 100.0 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP009164.D
Acq: 15 Feb 2022 20:44

Tgt Ion:188 Resp: 806960
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.5 7.2 10.8

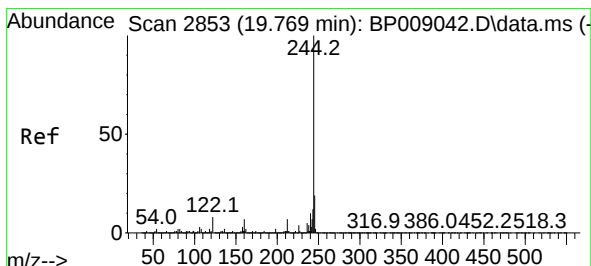
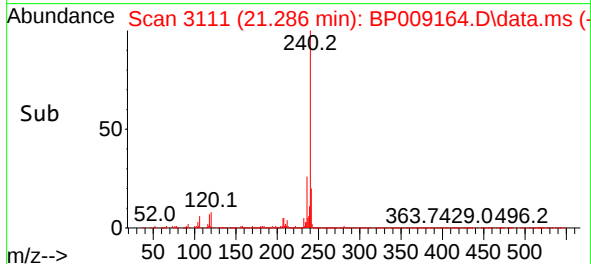
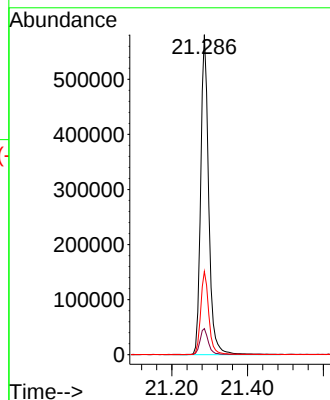
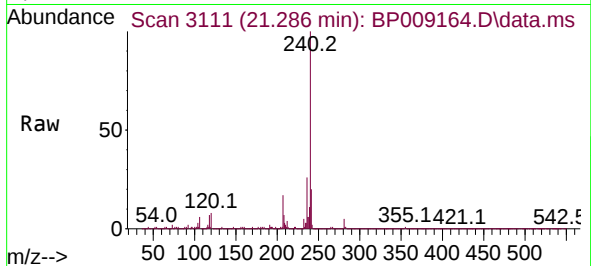




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009164.D
Acq: 15 Feb 2022 20:44

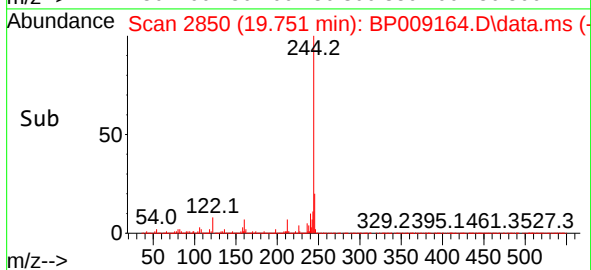
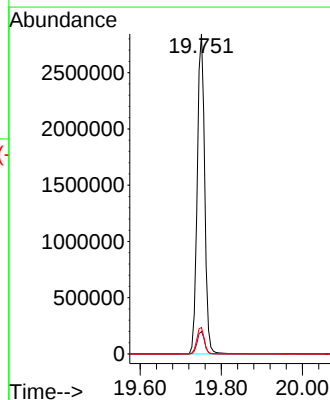
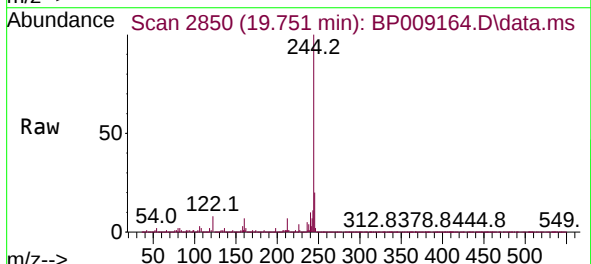
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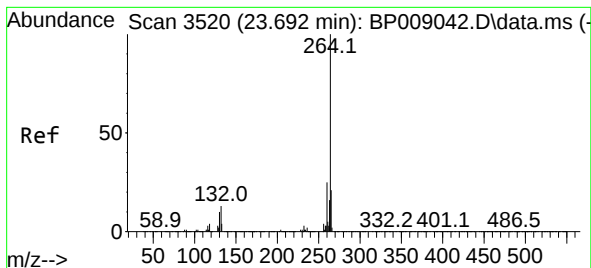
Tgt Ion:240 Resp: 858403
Ion Ratio Lower Upper
240 100
120 8.1 7.7 11.5
236 26.0 21.2 31.8



#79
Terphenyl-d14
Concen: 76.407 ng
RT: 19.751 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BP009164.D
Acq: 15 Feb 2022 20:44

Tgt Ion:244 Resp: 3647159
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 8.3 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.674 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP009164.D

Acq: 15 Feb 2022 20:44

Instrument :

BNA_P

ClientSampleId :

TP2-C

Tgt Ion:264 Resp: 915150

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 23.0 17.1 25.7

