

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090722\
 Data File : BP011644.D
 Acq On : 07 Sep 2022 12:54
 Operator : CG/JU
 Sample : N4500-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-04-COMP

Quant Time: Sep 08 04:03:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 03 04:07:09 2022
 Response via : Initial Calibration

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

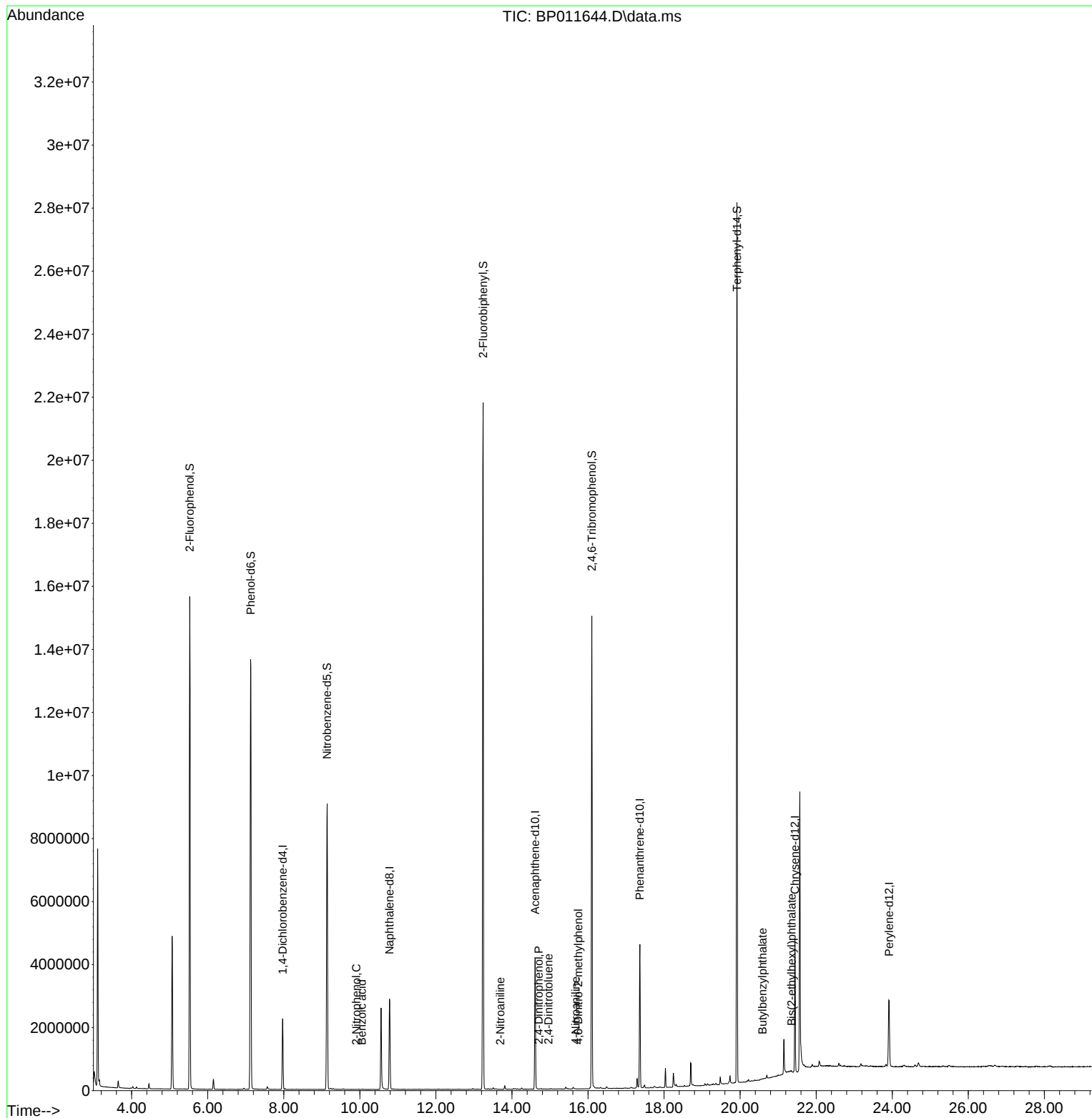
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	619192	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	2525107	20.000	ng	#-0.01
39) Acenaphthene-d10	14.610	164	1421637	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	2632659	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1907195	20.000	ng	-0.01
86) Perylene-d12	23.916	264	1536716	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	7294328	208.348	ng	0.00
7) Phenol-d6	7.128	99	9174419	198.041	ng	0.00
23) Nitrobenzene-d5	9.140	82	5363984	130.395	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	2811696	175.050	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	11355897	114.227	ng	0.00
79) Terphenyl-d14	19.916	244	12397175	136.147	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.910	139	26	4.891	ng	# 1
32) Benzoic acid	10.052	122	134	8.604	ng	# 1
48) 2-Nitroaniline	13.693	65	204	3.411	ng	# 39
54) 2,4-Dinitrophenol	14.704	184	50	6.457	ng	# 1
57) 2,4-Dinitrotoluene	14.957	165	238	3.651	ng	# 62
62) 4-Nitroaniline	15.675	138	330	2.657	ng	# 57
65) 4,6-Dinitro-2-methylph...	15.740	198	40	7.892	ng	# 1
80) Butylbenzylphthalate	20.586	149	4441	3.792	ng	97
84) Bis(2-ethylhexyl)phtha...	21.351	149	15766	2.097	ng	# 91

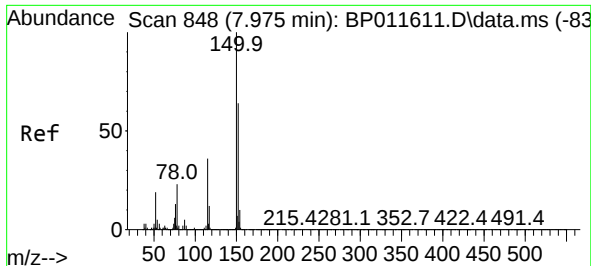
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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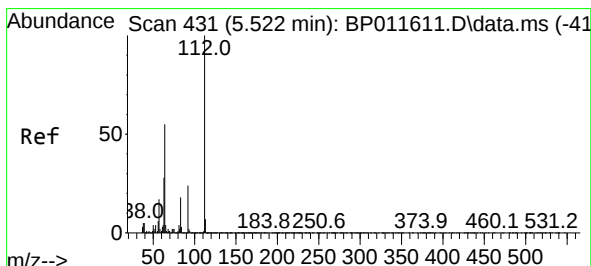
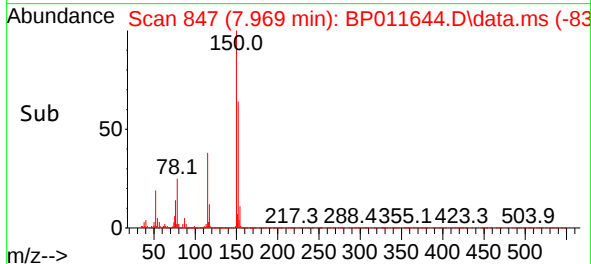
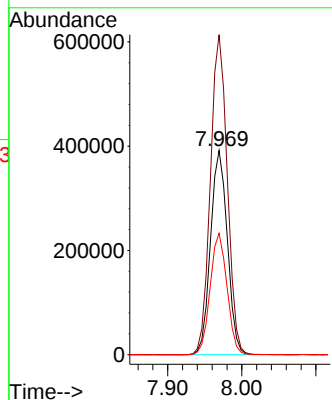
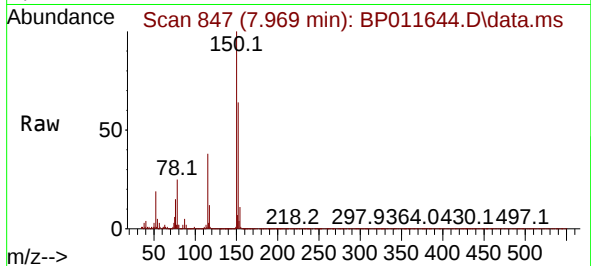




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP011644.D
Acq: 07 Sep 2022 12:54

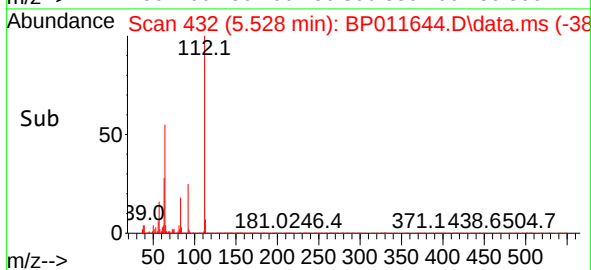
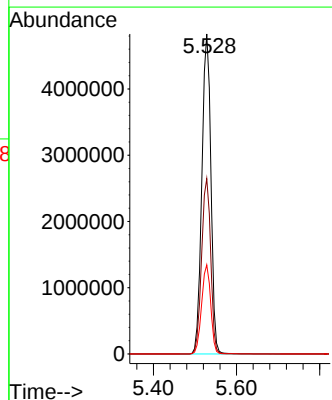
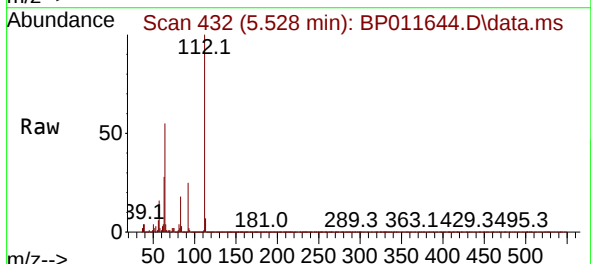
Instrument :
BNA_P
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SB-04-COMP

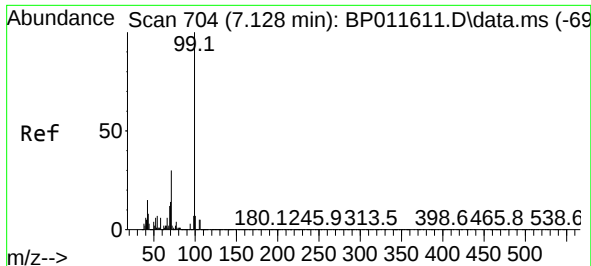
Tgt Ion:152 Resp: 619192
Ion Ratio Lower Upper
152 100
150 156.8 123.4 185.2
115 59.5 51.3 76.9



#5
2-Fluorophenol
Concen: 208.348 ng
RT: 5.528 min Scan# 432
Delta R.T. 0.006 min
Lab File: BP011644.D
Acq: 07 Sep 2022 12:54

Tgt Ion:112 Resp: 7294328
Ion Ratio Lower Upper
112 100
64 54.8 56.9 85.3#
63 27.9 31.2 46.8#

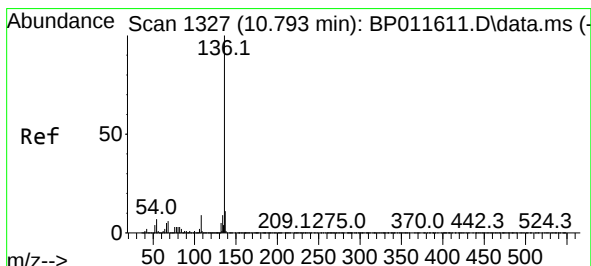
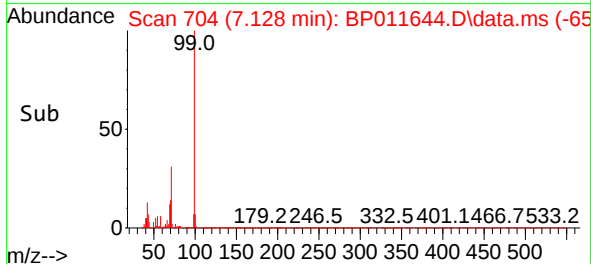
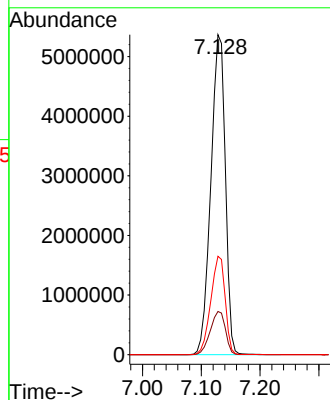
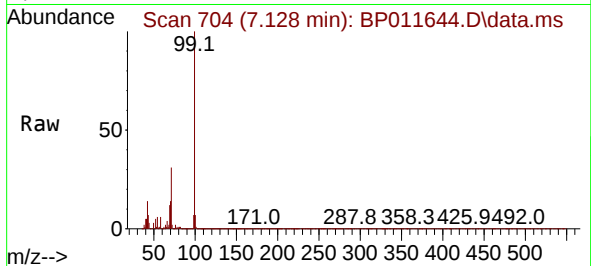




#7
Phenol-d6
Concen: 198.041 ng
RT: 7.128 min Scan# 704
Delta R.T. 0.000 min
Lab File: BP011644.D
Acq: 07 Sep 2022 12:54

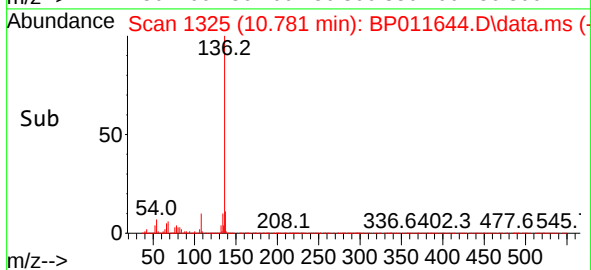
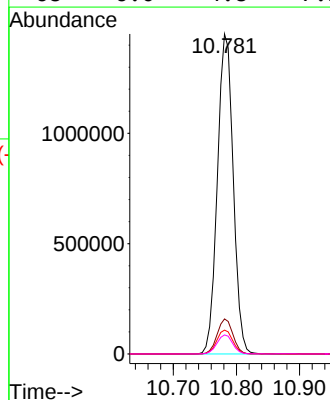
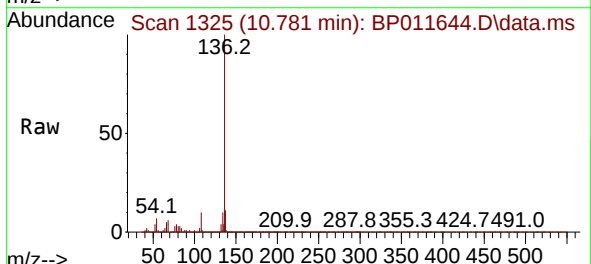
Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

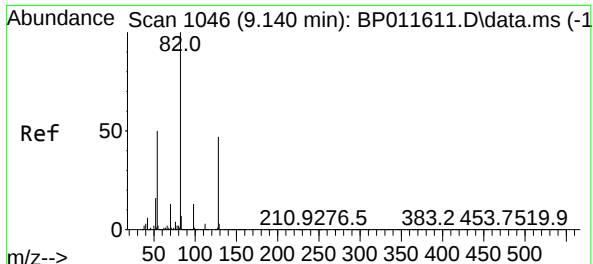
Tgt Ion: 99 Resp: 9174419
Ion Ratio Lower Upper
99 100
42 13.5 20.3 30.5#
71 30.8 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BP011644.D
Acq: 07 Sep 2022 12:54

Tgt Ion:136 Resp: 2525107
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.5 8.7 13.1#
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 130.395 ng

RT: 9.140 min Scan# 1046

Delta R.T. 0.000 min

Lab File: BP011644.D

Acq: 07 Sep 2022 12:54

Instrument :

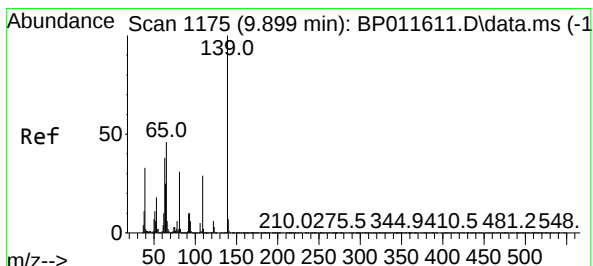
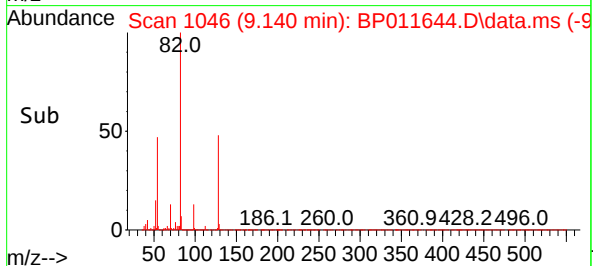
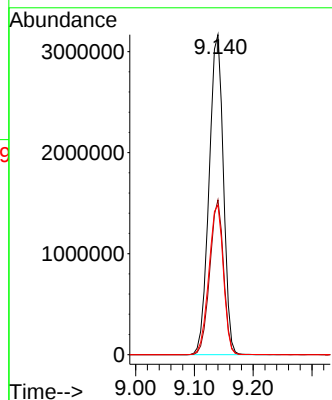
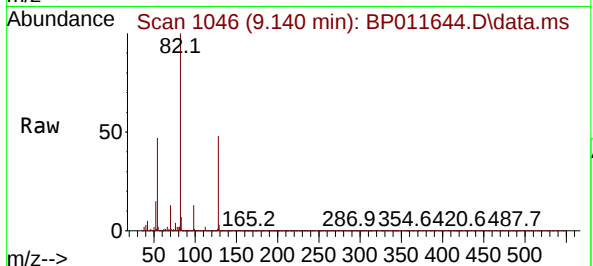
BNA_P

ClientSampleId :

SB-04-COMP

Tgt Ion: 82 Resp: 5363984

Ion	Ratio	Lower	Upper
82	100		
128	48.4	31.3	46.9#
54	46.8	49.8	74.8#



#26

2-Nitrophenol

Concen: 4.891 ng

RT: 9.910 min Scan# 1177

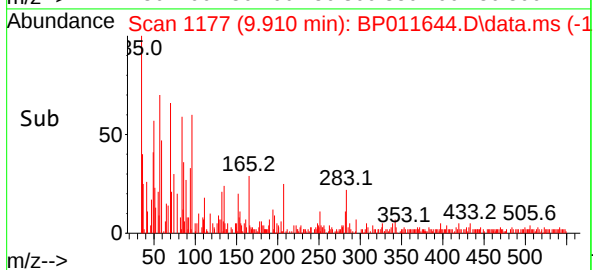
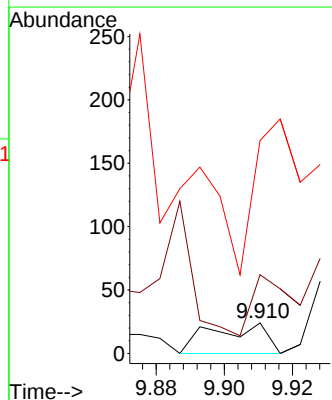
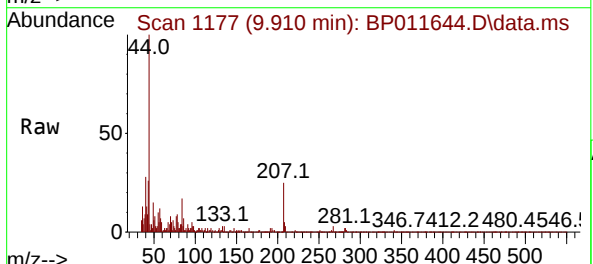
Delta R.T. 0.011 min

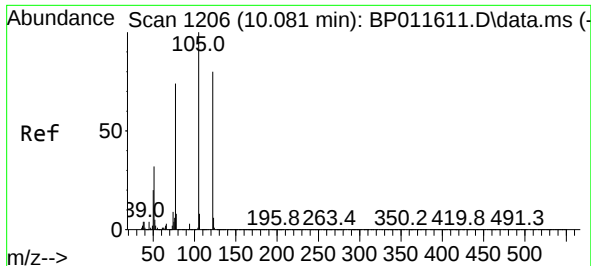
Lab File: BP011644.D

Acq: 07 Sep 2022 12:54

Tgt Ion:139 Resp: 26

Ion	Ratio	Lower	Upper
139	100		
109	258.3	30.2	45.4#
65	700.0	52.2	78.2#

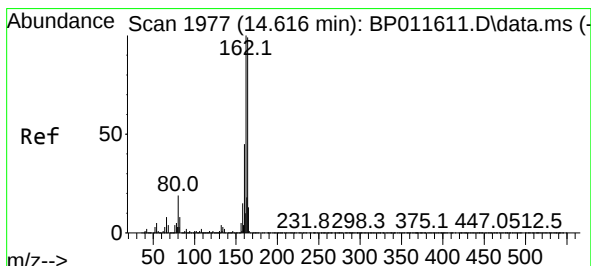
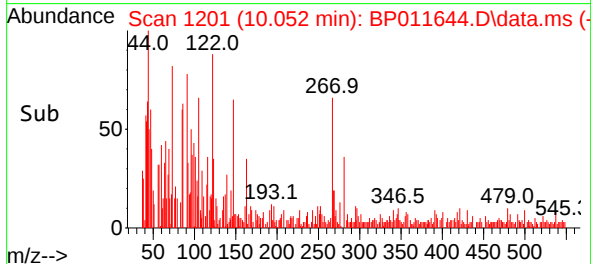
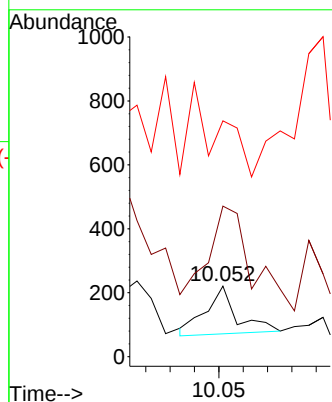
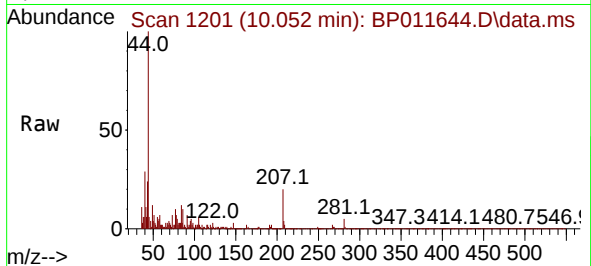




#32
Benzoic acid
Concen: 8.604 ng
RT: 10.052 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP011644.D
Acq: 07 Sep 2022 12:54

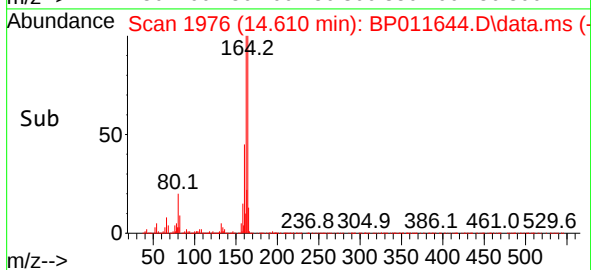
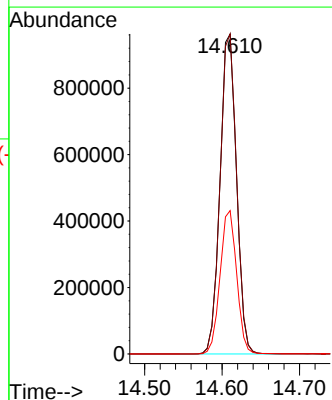
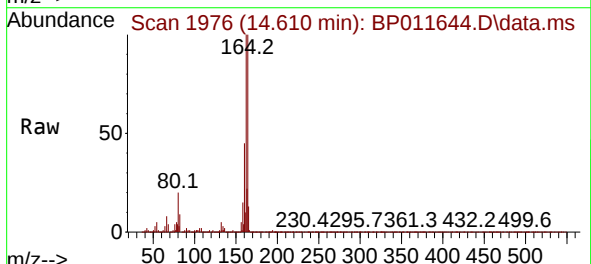
Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

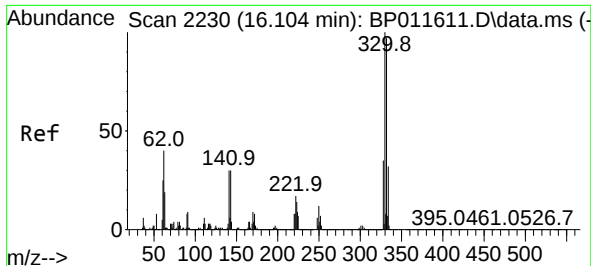
Tgt Ion:122 Resp: 134
Ion Ratio Lower Upper
122 100
105 213.1 112.6 152.6#
77 333.9 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP011644.D
Acq: 07 Sep 2022 12:54

Tgt Ion:164 Resp: 1421637
Ion Ratio Lower Upper
164 100
162 100.1 81.9 122.9
160 44.8 34.6 51.8

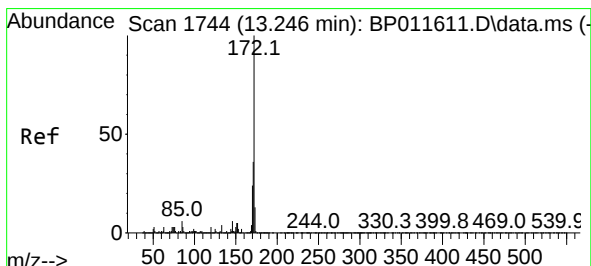
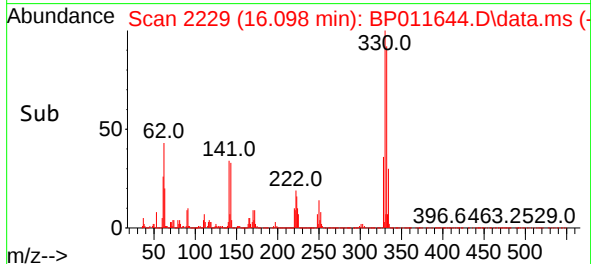
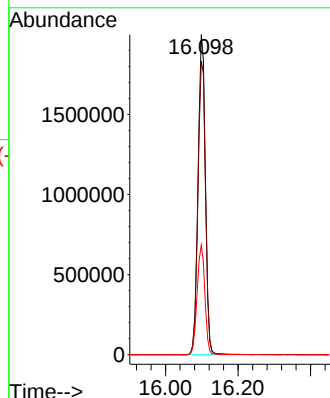
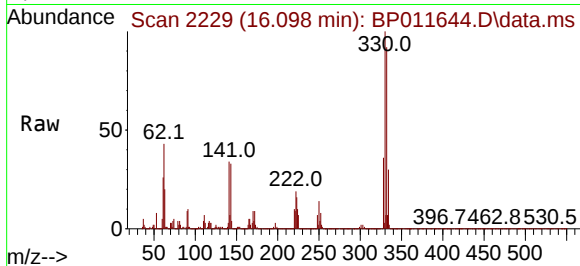




#42
2,4,6-Tribromophenol
Concen: 175.050 ng
RT: 16.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011644.D
Acq: 07 Sep 2022 12:54

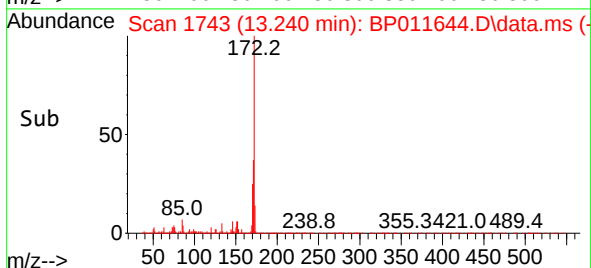
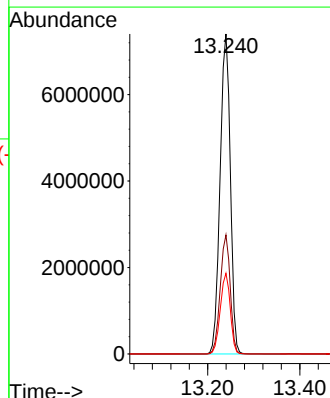
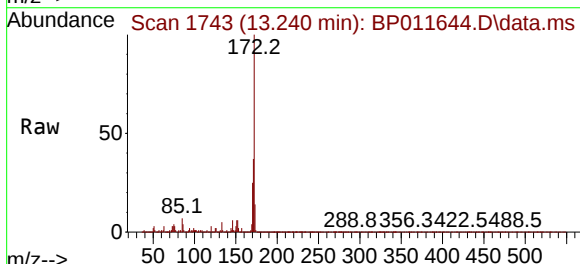
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ClientSampleId :
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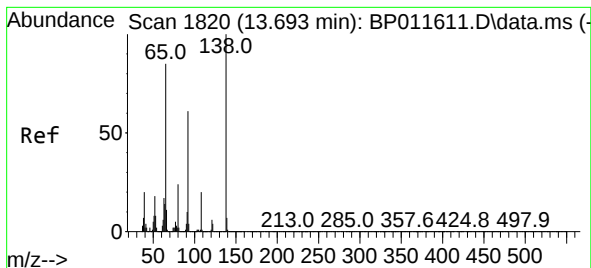
Tgt Ion:330 Resp: 2811696
Ion Ratio Lower Upper
330 100
332 94.3 78.1 117.1
141 36.1 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 114.227 ng
RT: 13.240 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BP011644.D
Acq: 07 Sep 2022 12:54

Tgt Ion:172 Resp:11355897
Ion Ratio Lower Upper
172 100
171 37.2 27.9 41.9
170 25.2 18.2 27.2





#48

2-Nitroaniline

Concen: 3.411 ng

RT: 13.693 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BP011644.D

Acq: 07 Sep 2022 12:54

Instrument :

BNA_P

ClientSampleId :

SB-04-COMP

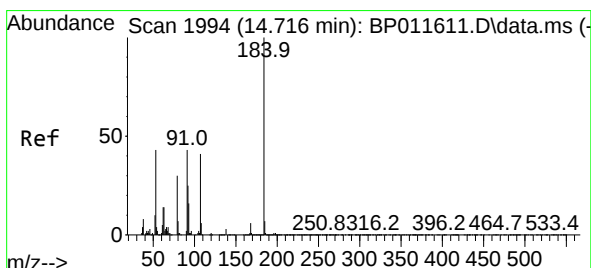
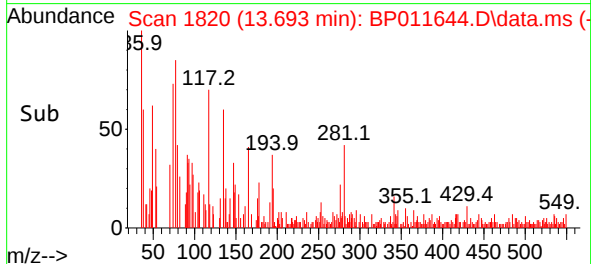
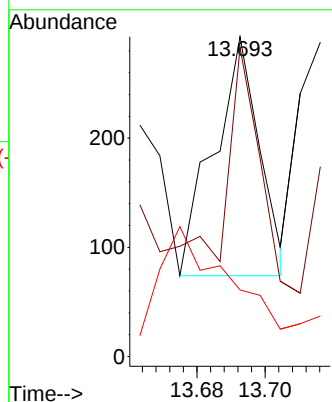
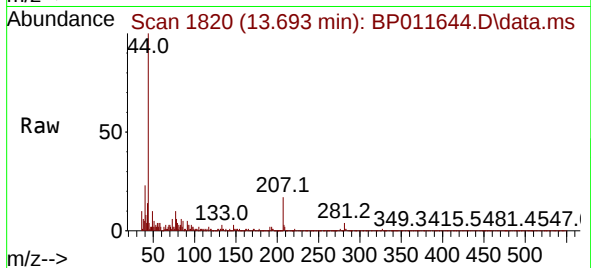
Tgt Ion: 65 Resp: 204

Ion Ratio Lower Upper

65 100

92 96.6 50.0 75.0#

138 20.8 71.2 106.8#



#54

2,4-Dinitrophenol

Concen: 6.457 ng

RT: 14.704 min Scan# 1992

Delta R.T. -0.012 min

Lab File: BP011644.D

Acq: 07 Sep 2022 12:54

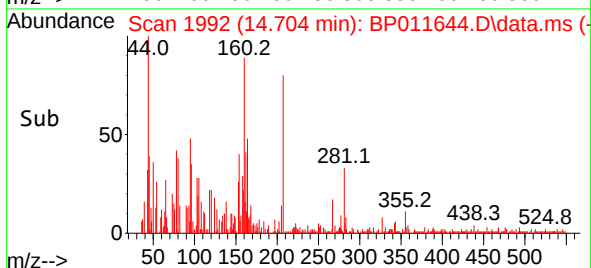
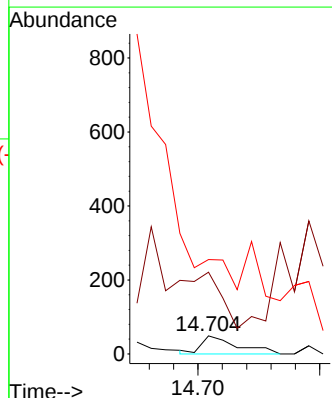
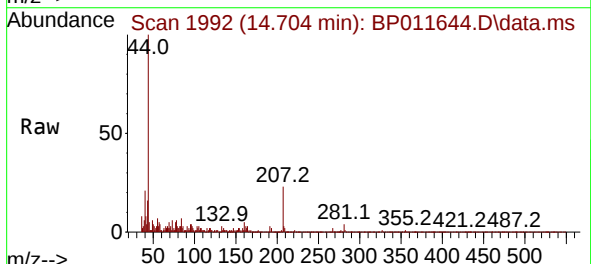
Tgt Ion: 184 Resp: 50

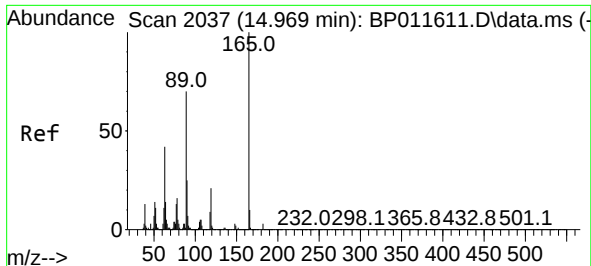
Ion Ratio Lower Upper

184 100

63 451.0 65.4 98.2#

154 520.4 55.4 83.2#

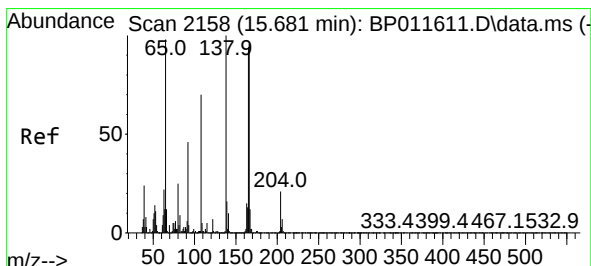
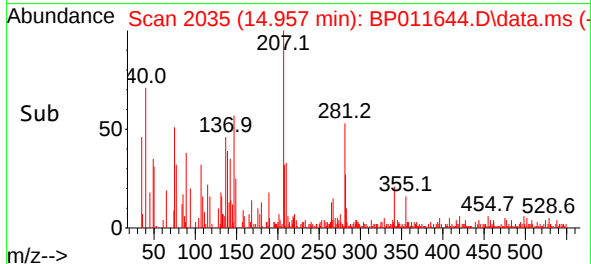
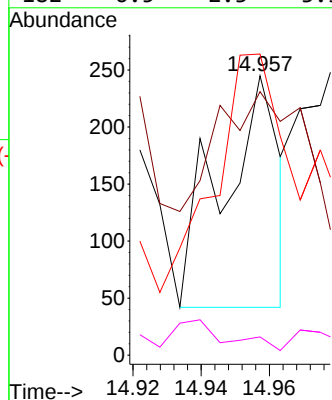
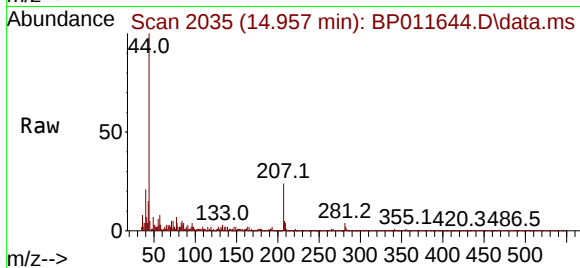




#57
2,4-Dinitrotoluene
Concen: 3.651 ng
RT: 14.957 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BP011644.D
Acq: 07 Sep 2022 12:54

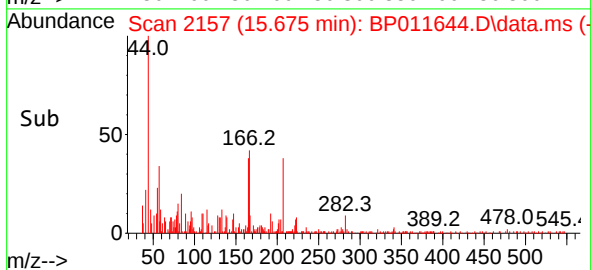
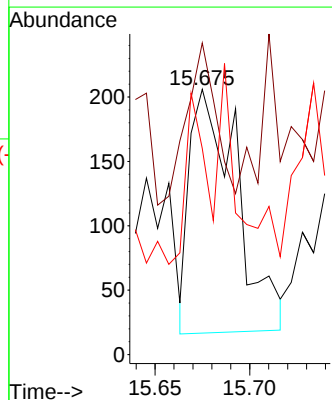
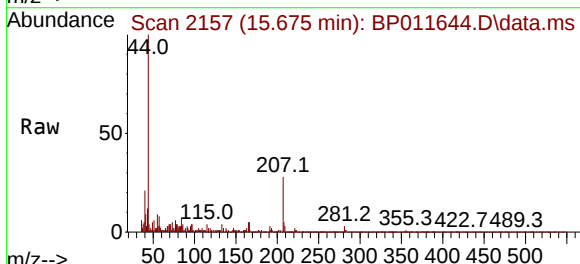
Instrument :
BNA_P
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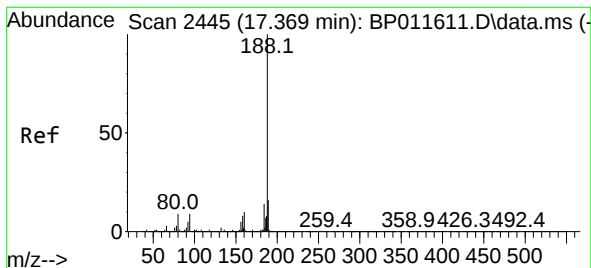
Tgt Ion:	165	Resp:	238
Ion Ratio	Lower	Upper	
165	100		
63	94.3	46.2	69.2#
89	110.6	65.8	98.8#
182	6.5	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.657 ng
RT: 15.675 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP011644.D
Acq: 07 Sep 2022 12:54

Tgt Ion:	138	Resp:	330
Ion Ratio	Lower	Upper	
138	100		
92	117.5	38.0	78.0#
108	77.7	77.6	117.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.363 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BP011644.D

Acq: 07 Sep 2022 12:54

Instrument :

BNA_P

ClientSampleId :

SB-04-COMP

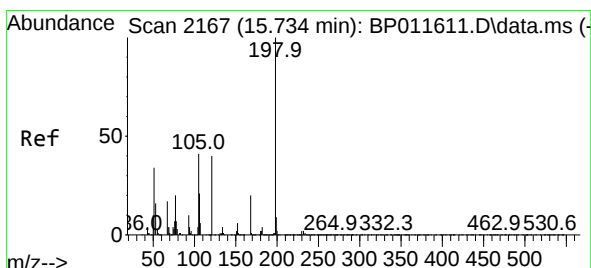
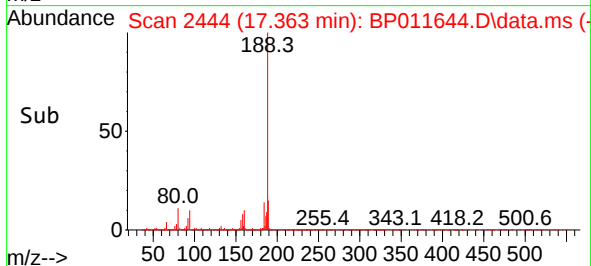
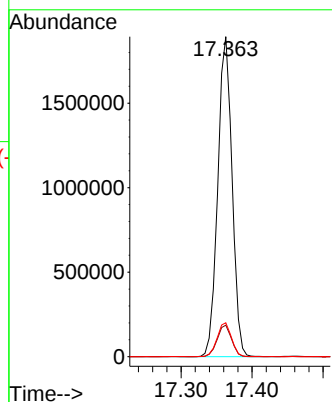
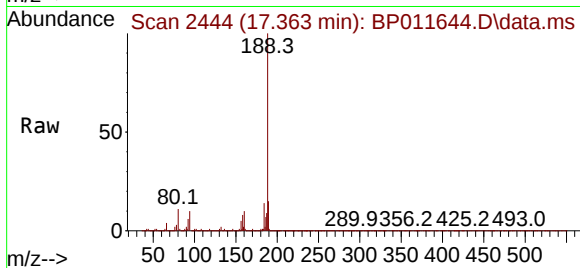
Tgt Ion:188 Resp: 2632659

Ion Ratio Lower Upper

188 100

94 9.9 6.6 10.0

80 10.6 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 7.892 ng

RT: 15.740 min Scan# 2168

Delta R.T. 0.006 min

Lab File: BP011644.D

Acq: 07 Sep 2022 12:54

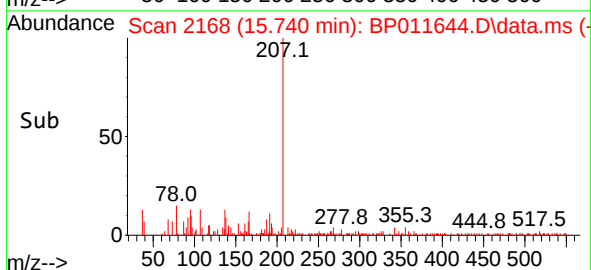
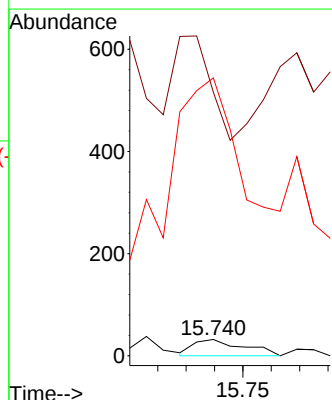
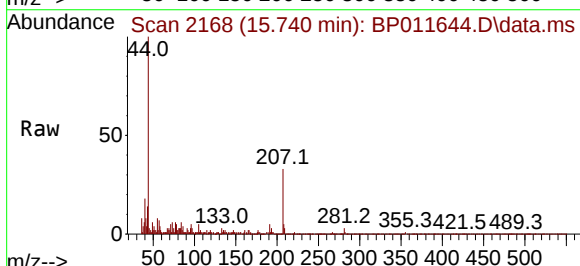
Tgt Ion:198 Resp: 40

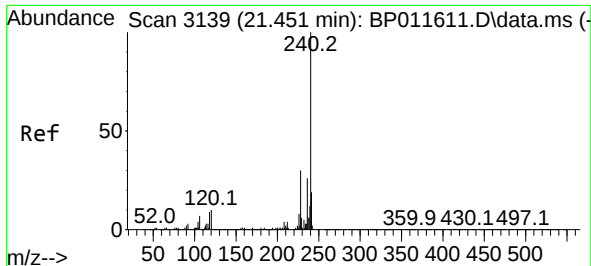
Ion Ratio Lower Upper

198 100

51 1612.5 41.2 81.2#

105 1700.0 25.3 65.3#

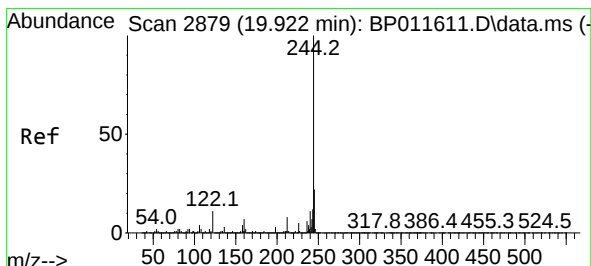
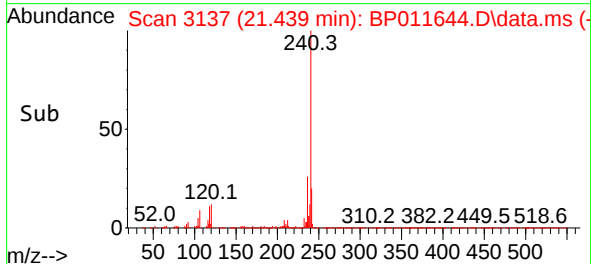
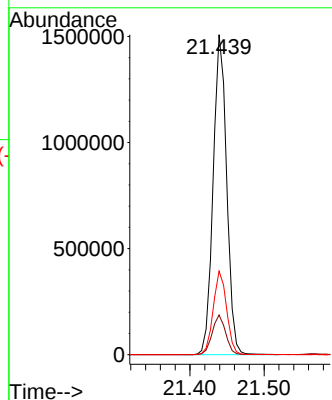
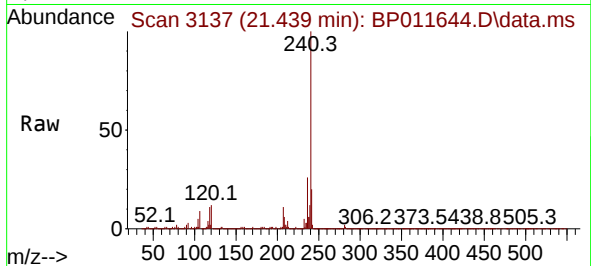




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP011644.D
Acq: 07 Sep 2022 12:54

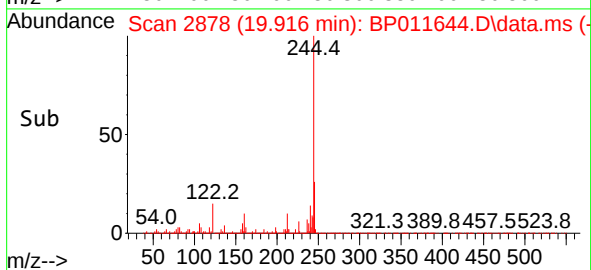
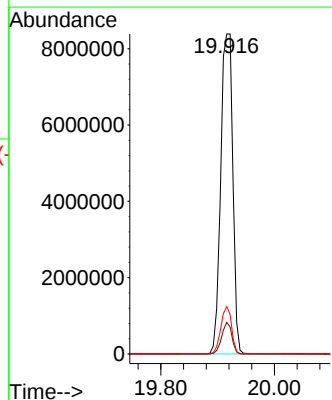
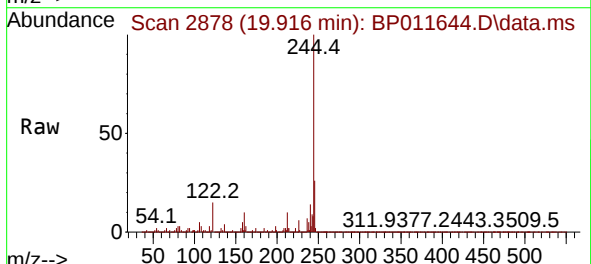
Instrument :
BNA_P
ClientSampleId :
SB-04-COMP

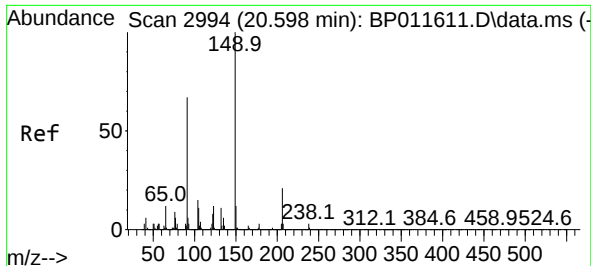
Tgt Ion:240 Resp: 1907195
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 26.1 19.8 29.6



#79
Terphenyl-d14
Concen: 136.147 ng
RT: 19.916 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BP011644.D
Acq: 07 Sep 2022 12:54

Tgt Ion:244 Resp:12397175
Ion Ratio Lower Upper
244 100
212 9.9 5.8 8.8#
122 14.7 7.6 11.4#

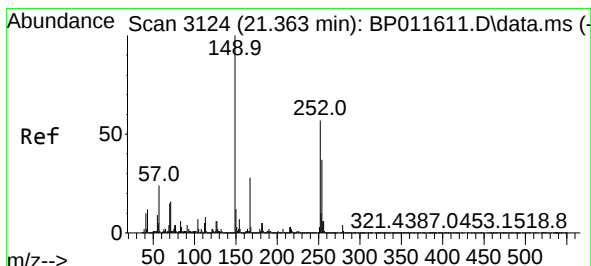
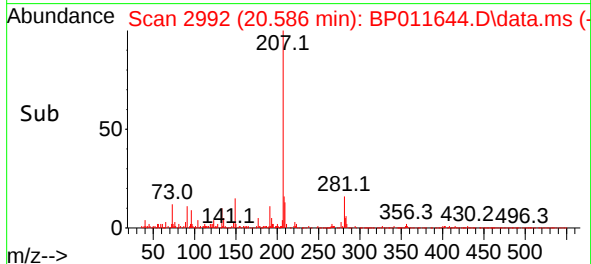
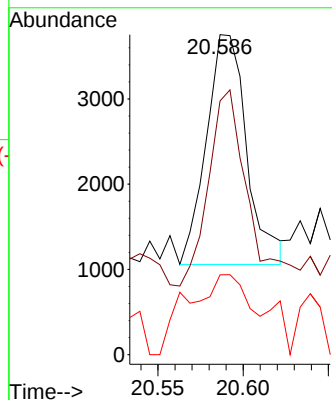
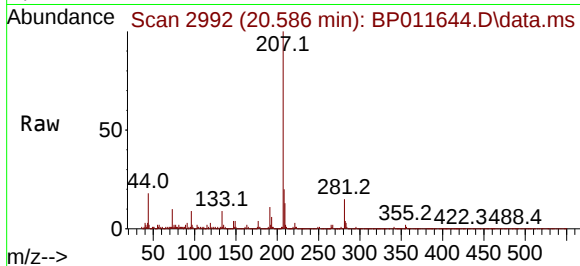




#80
 Butylbenzylphthalate
 Concen: 3.792 ng
 RT: 20.586 min Scan# 2992
 Delta R.T. -0.012 min
 Lab File: BP011644.D
 Acq: 07 Sep 2022 12:54

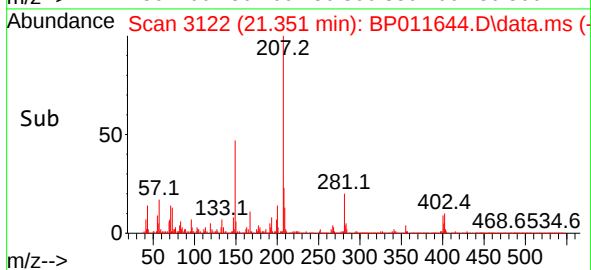
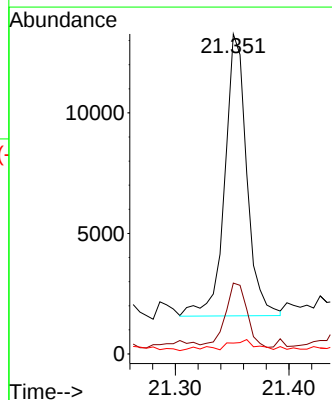
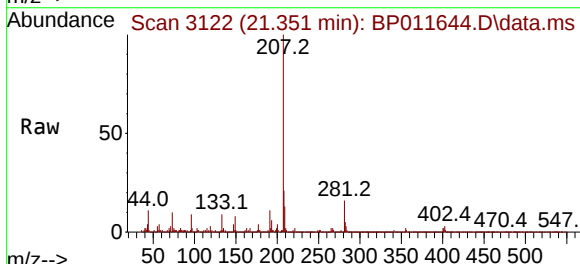
Instrument :
 BNA_P
 ClientSampleId :
 SB-04-COMP

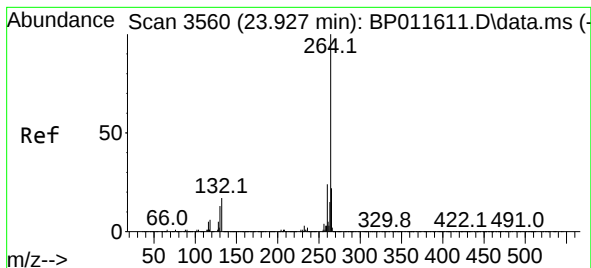
Tgt Ion:149 Resp: 4441
 Ion Ratio Lower Upper
 149 100
 91 79.3 62.5 93.7
 206 25.0 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.097 ng
 RT: 21.351 min Scan# 3122
 Delta R.T. -0.012 min
 Lab File: BP011644.D
 Acq: 07 Sep 2022 12:54

Tgt Ion:149 Resp: 15766
 Ion Ratio Lower Upper
 149 100
 167 22.1 21.8 32.8
 279 3.4 3.7 5.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.916 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP011644.D

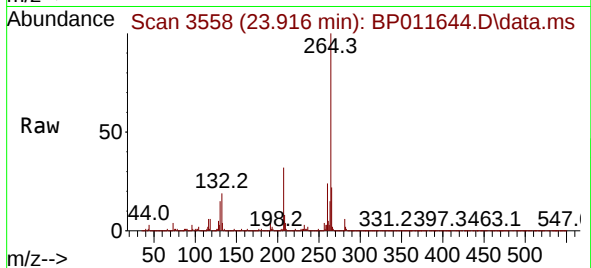
Acq: 07 Sep 2022 12:54

Instrument :

BNA_P

ClientSampleId :

SB-04-COMP



Tgt Ion:264 Resp: 1536716

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 22.1 18.0 27.0

