

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090622\
 Data File : BP011626.D
 Acq On : 06 Sep 2022 15:30
 Operator : CG/JU
 Sample : N4500-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-01-COMP

Quant Time: Sep 07 03:42:59 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)

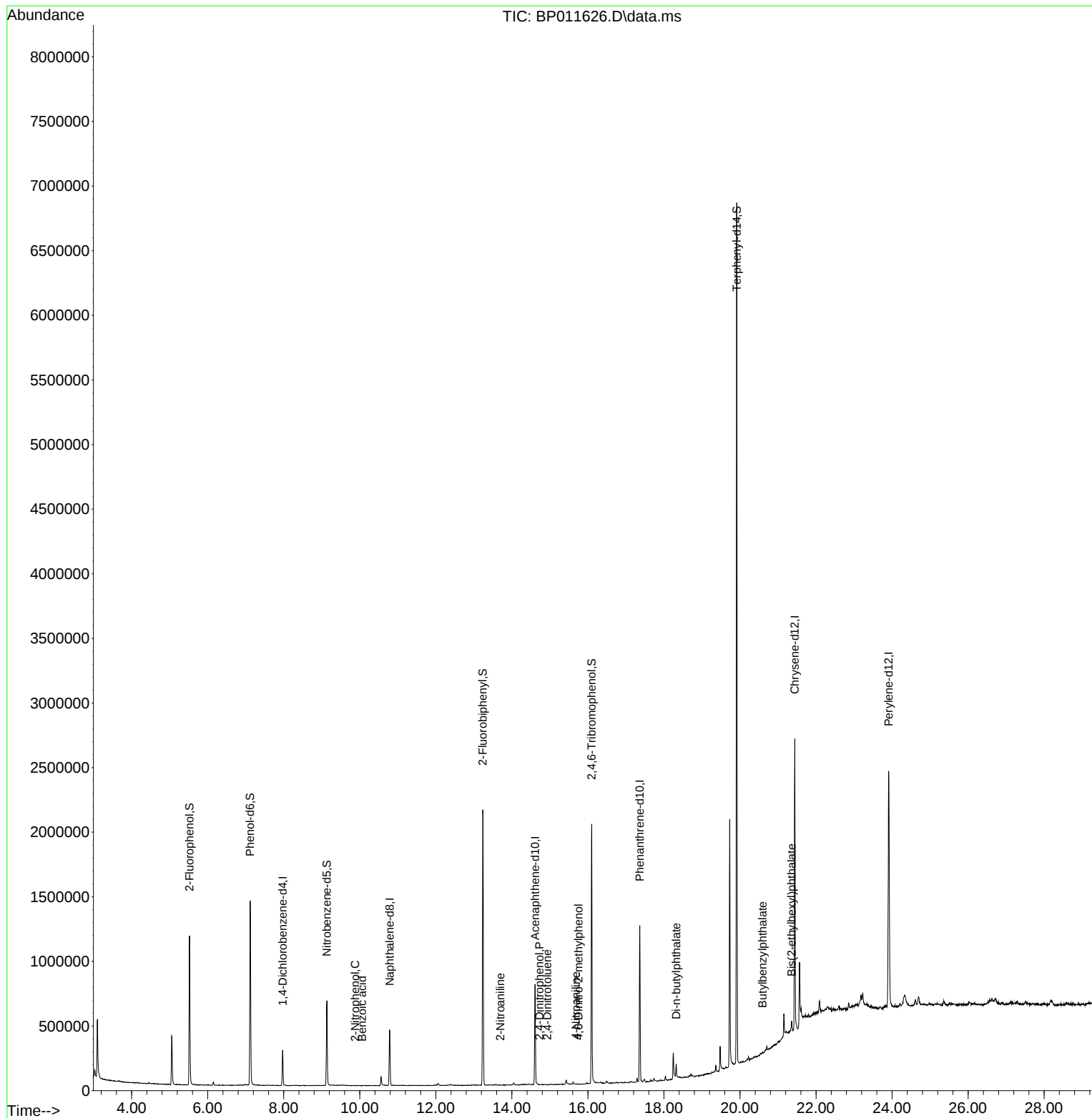
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	78913	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	372978	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	267203	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	713874	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1070746	20.000	ng	-0.01
86) Perylene-d12	23.910	264	1407901	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	557288	124.899	ng	0.00
7) Phenol-d6	7.116	99	862824	146.142	ng	-0.01
23) Nitrobenzene-d5	9.134	82	364604	60.006	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	356876	118.211	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	1123395	60.121	ng	-0.01
79) Terphenyl-d14	19.916	244	3212532	62.841	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.881	139	24	4.898	ng	# 1
32) Benzoic acid	10.057	122	58	8.613	ng	# 1
48) 2-Nitroaniline	13.693	65	197	3.447	ng	# 37
54) 2,4-Dinitrophenol	14.722	184	11	6.458	ng	# 1
57) 2,4-Dinitrotoluene	14.934	165	91	3.659	ng	# 27
62) 4-Nitroaniline	15.687	138	114	2.668	ng	# 71
65) 4,6-Dinitro-2-methylph...	15.751	198	41	7.900	ng	# 1
74) Di-n-butylphthalate	18.322	149	94941	2.409	ng	99
80) Butylbenzylphthalate	20.592	149	3036	3.810	ng	97
84) Bis(2-ethylhexyl)phtha...	21.357	149	27436	2.523	ng	96

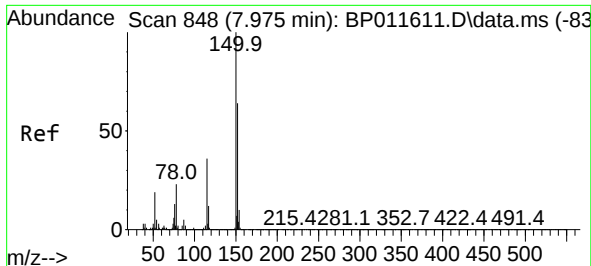
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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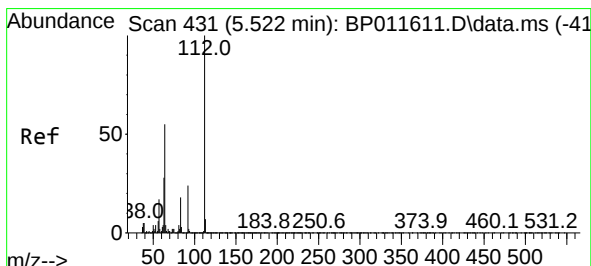
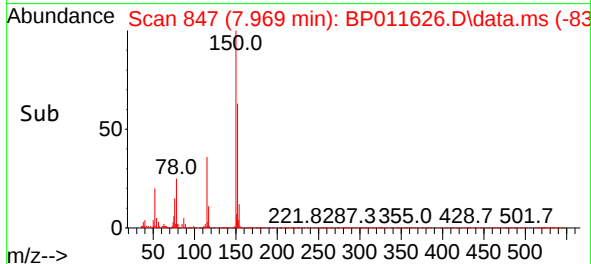
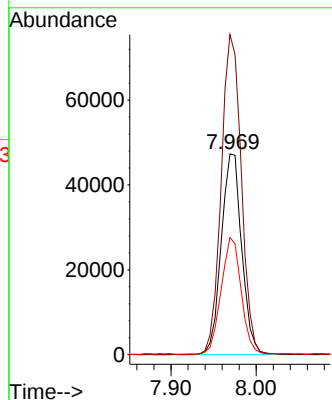
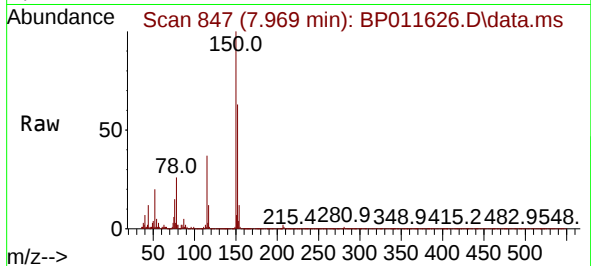




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

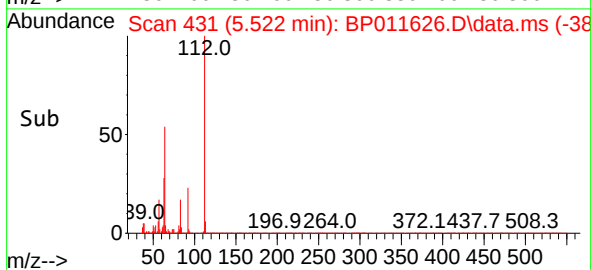
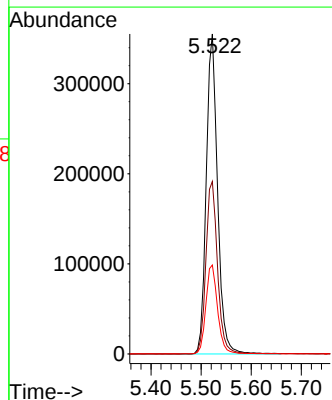
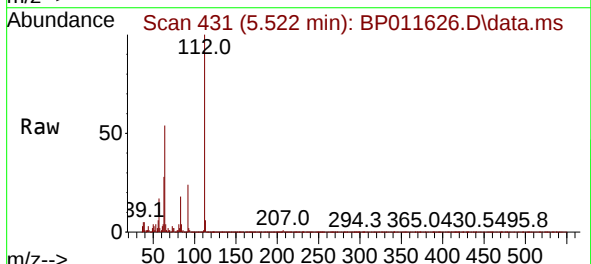
Instrument :
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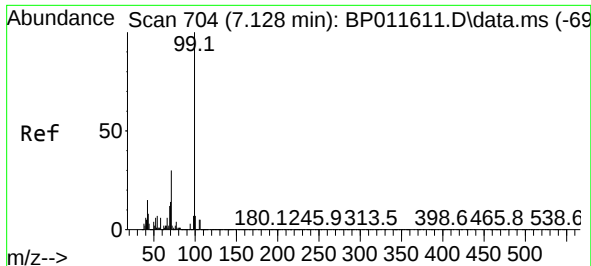
Tgt Ion:152 Resp: 78913
Ion Ratio Lower Upper
152 100
150 159.4 123.4 185.2
115 58.4 51.3 76.9



#5
2-Fluorophenol
Concen: 124.899 ng
RT: 5.522 min Scan# 431
Delta R.T. -0.000 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

Tgt Ion:112 Resp: 557288
Ion Ratio Lower Upper
112 100
64 53.9 56.9 85.3#
63 27.8 31.2 46.8#

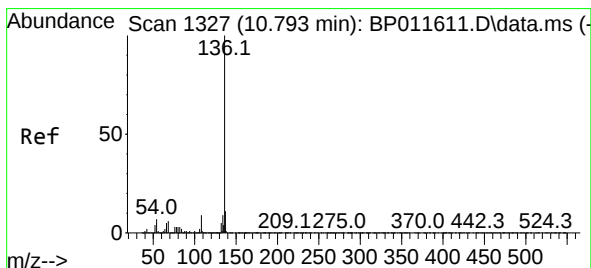
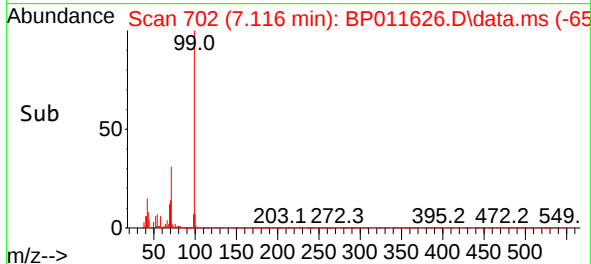
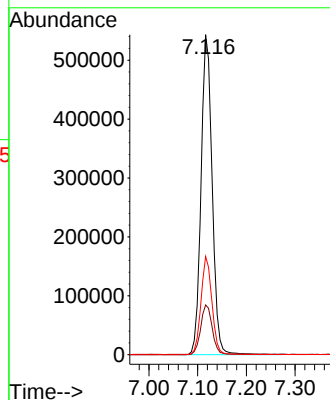
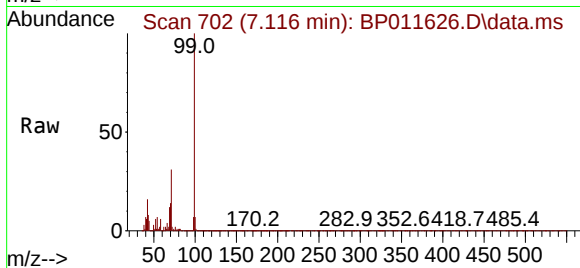




#7
Phenol-d6
Concen: 146.142 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.012 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

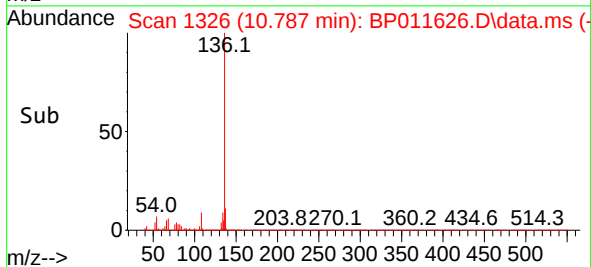
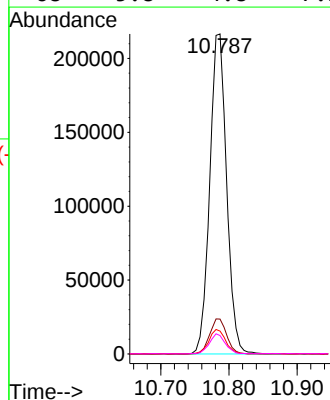
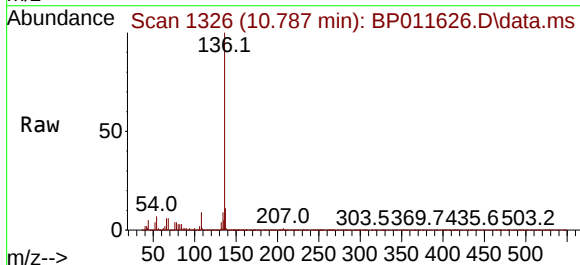
Instrument :
BNA_P
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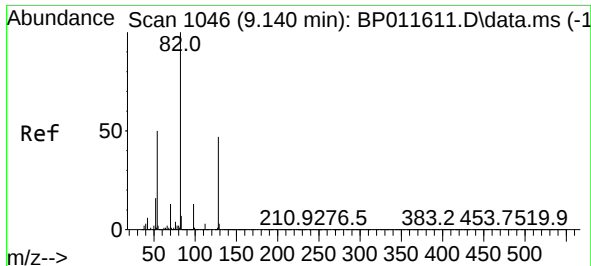
Tgt Ion: 99 Resp: 862824
Ion Ratio Lower Upper
99 100
42 15.6 20.3 30.5#
71 30.7 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

Tgt Ion:136 Resp: 372978
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.1 8.7 13.1#
68 5.8 4.8 7.2

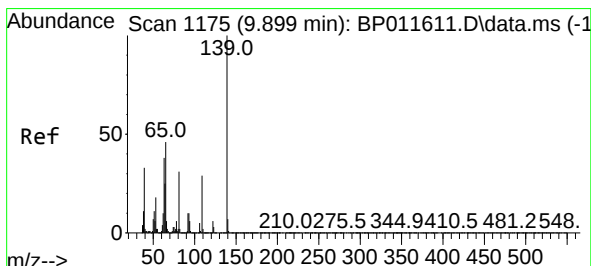
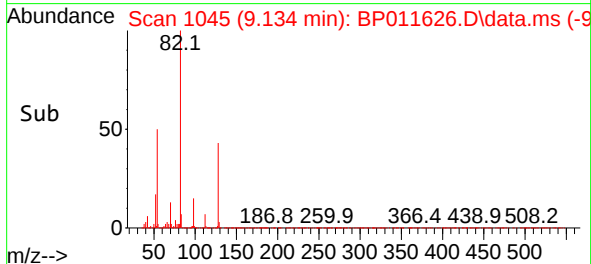
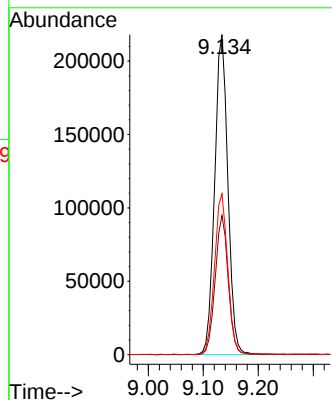
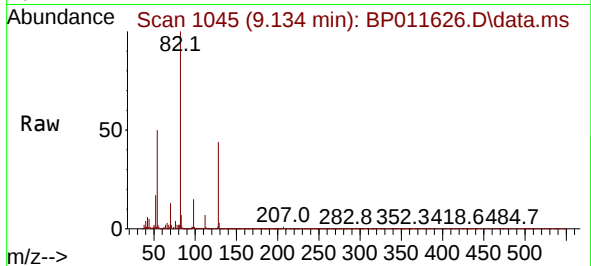




#23
Nitrobenzene-d5
Concen: 60.006 ng
RT: 9.134 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

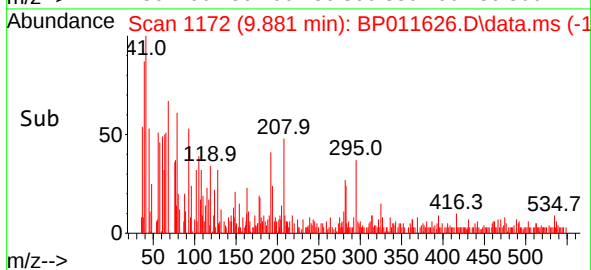
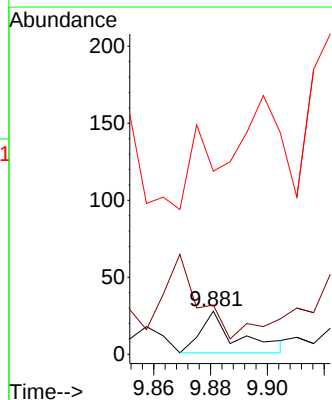
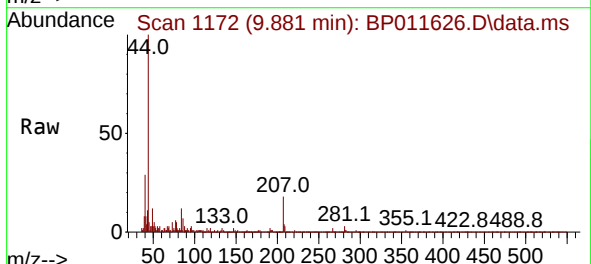
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

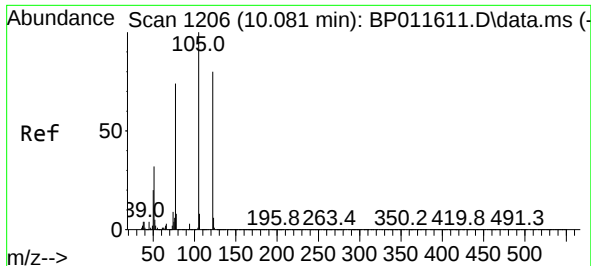
Tgt Ion: 82 Resp: 364604
Ion Ratio Lower Upper
82 100
128 43.5 31.3 46.9
54 50.3 49.8 74.8



#26
2-Nitrophenol
Concen: 4.898 ng
RT: 9.881 min Scan# 1172
Delta R.T. -0.018 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

Tgt Ion:139 Resp: 24
Ion Ratio Lower Upper
139 100
109 114.3 30.2 45.4#
65 425.0 52.2 78.2#

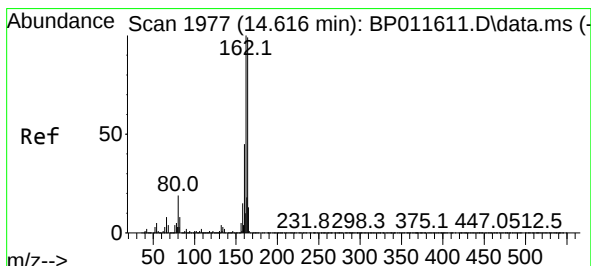
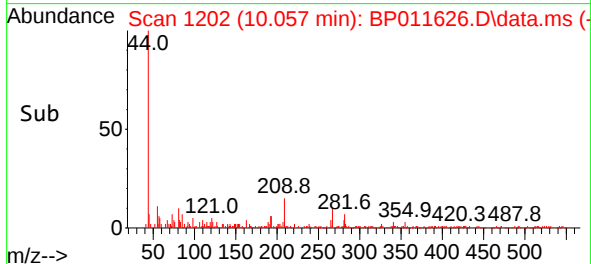
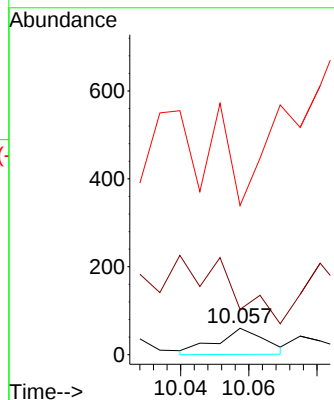
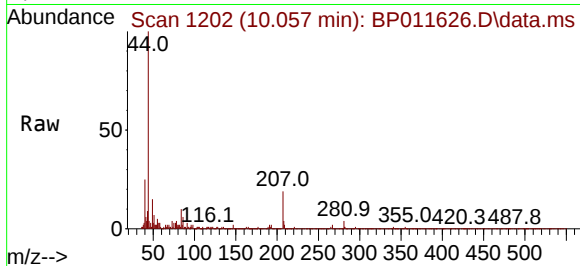




#32
Benzoic acid
Concen: 8.613 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

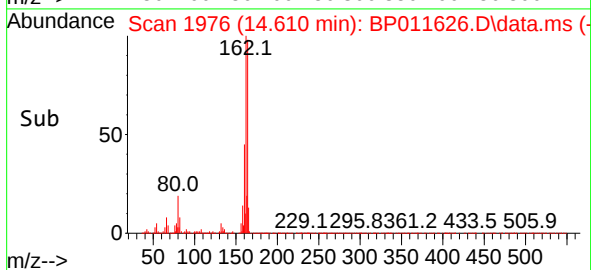
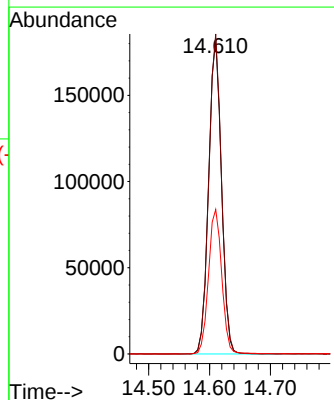
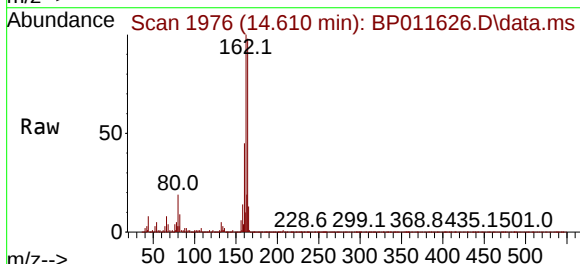
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BNA_P
ClientSampleId :
SB-01-COMP

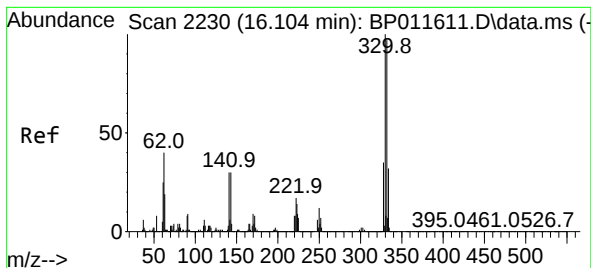
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 171.7 112.6 152.6#
77 565.0 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

Tgt Ion:164 Resp: 267203
Ion Ratio Lower Upper
164 100
162 101.6 81.9 122.9
160 45.9 34.6 51.8

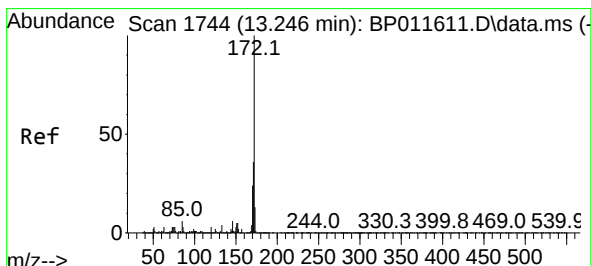
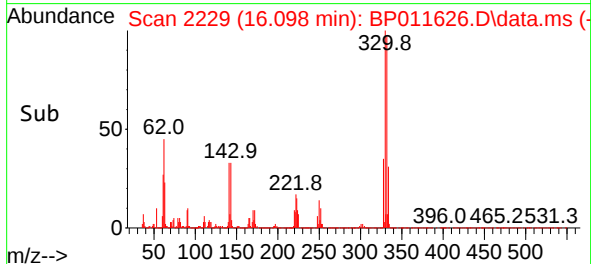
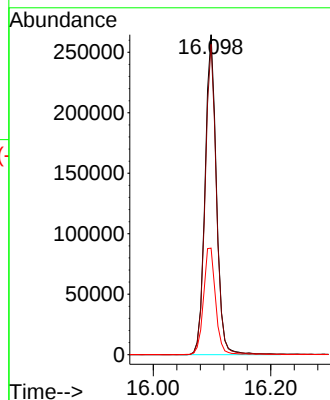
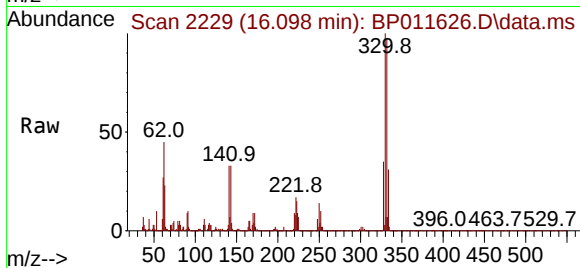




#42
2,4,6-Tribromophenol
Concen: 118.211 ng
RT: 16.098 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

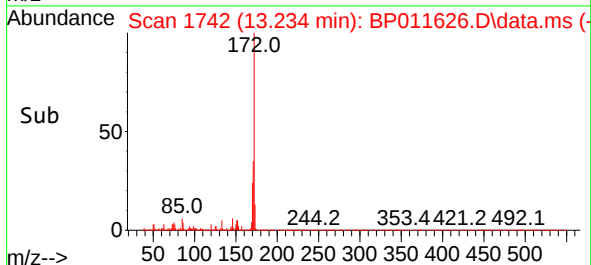
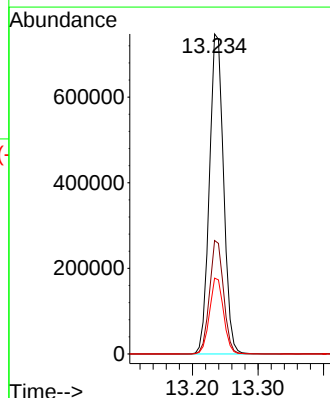
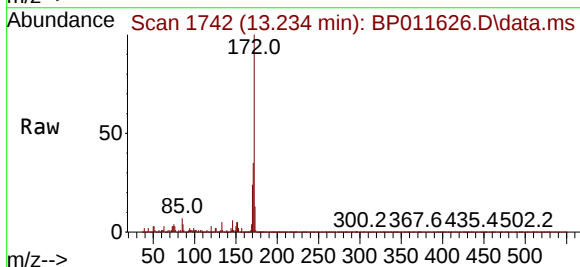
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ClientSampleId :
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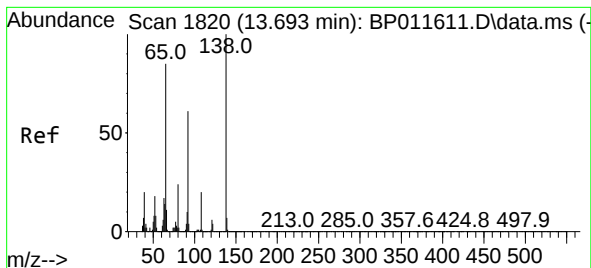
Tgt Ion:330 Resp: 356876
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 35.4 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 60.121 ng
RT: 13.234 min Scan# 1742
Delta R.T. -0.012 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

Tgt Ion:172 Resp: 1123395
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.7 18.2 27.2





#48

2-Nitroaniline

Concen: 3.447 ng

RT: 13.693 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BP011626.D

Acq: 06 Sep 2022 15:30

Instrument :

BNA_P

ClientSampleId :

SB-01-COMP

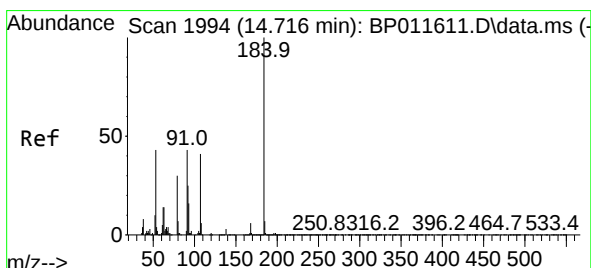
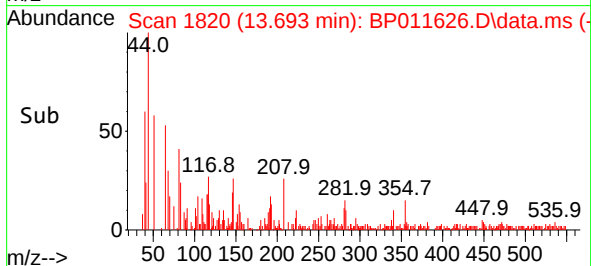
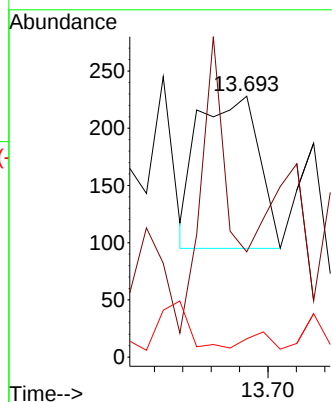
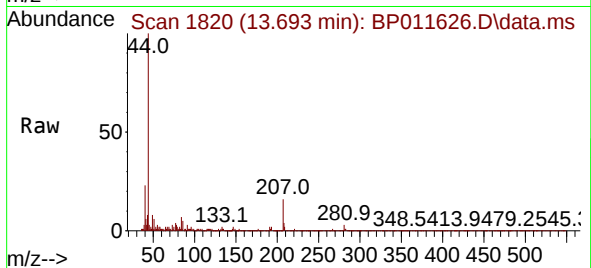
Tgt Ion: 65 Resp: 197

Ion Ratio Lower Upper

65 100

92 40.4 50.0 75.0#

138 7.0 71.2 106.8#



#54

2,4-Dinitrophenol

Concen: 6.458 ng

RT: 14.722 min Scan# 1995

Delta R.T. 0.006 min

Lab File: BP011626.D

Acq: 06 Sep 2022 15:30

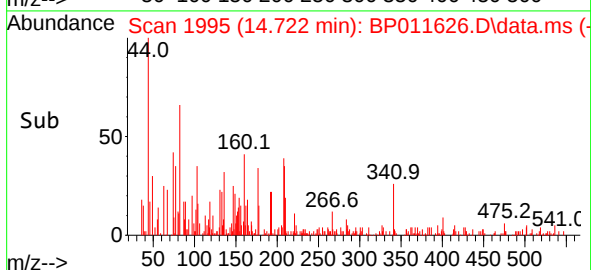
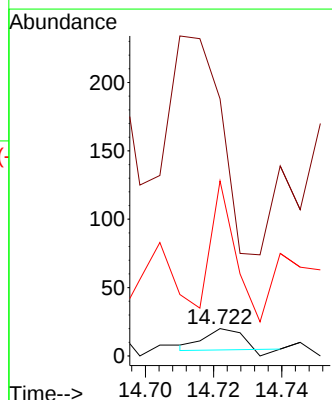
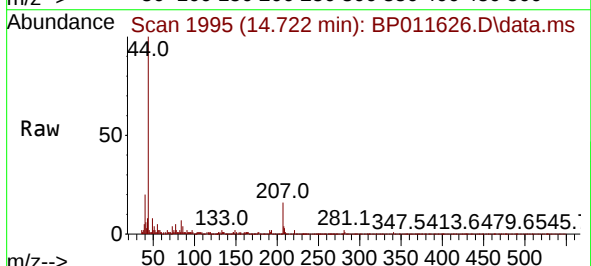
Tgt Ion: 184 Resp: 11

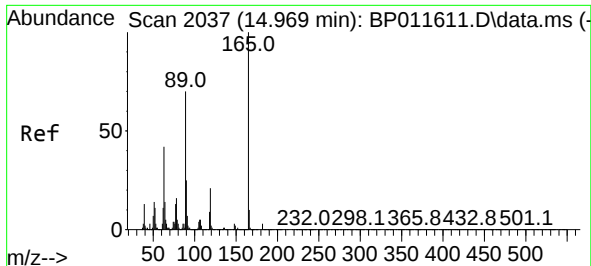
Ion Ratio Lower Upper

184 100

63 940.0 65.4 98.2#

154 695.0 55.4 83.2#

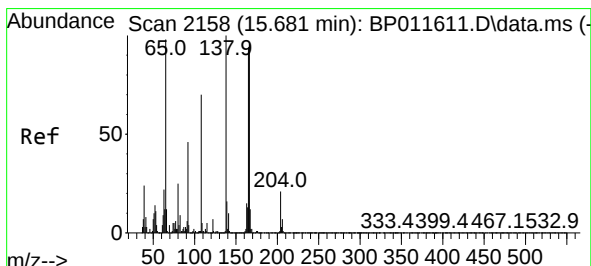
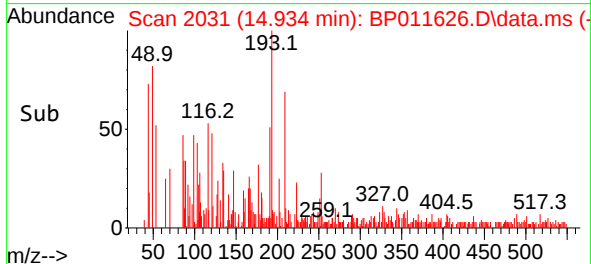
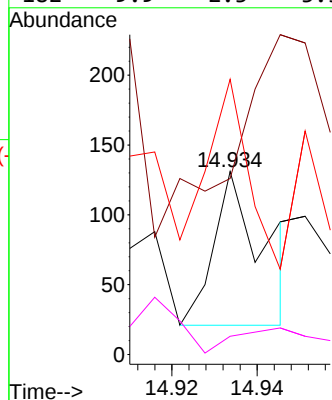
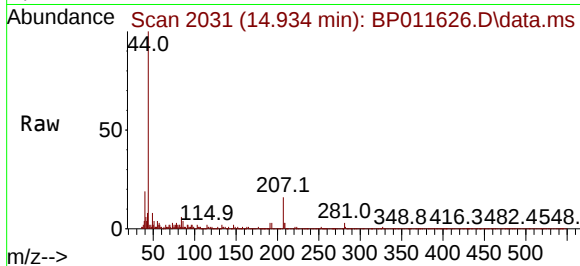




#57
2,4-Dinitrotoluene
Concen: 3.659 ng
RT: 14.934 min Scan# 2037
Delta R.T. -0.035 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

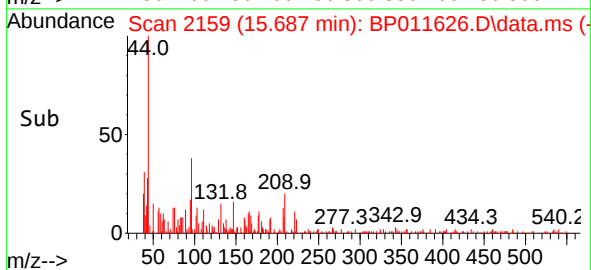
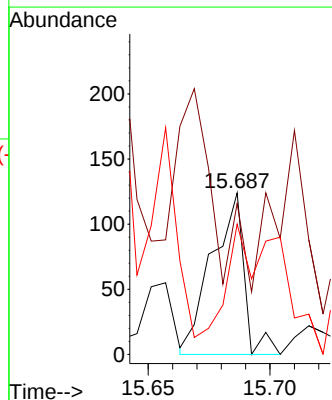
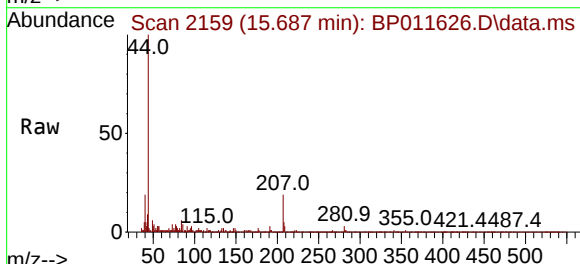
Instrument :
BNA_P
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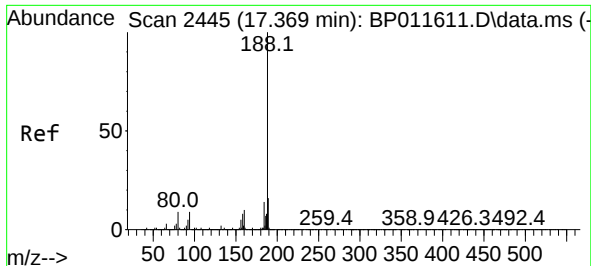
Tgt Ion:	165	Resp:	91
Ion Ratio	Lower	Upper	
165	100		
63	96.2	46.2	69.2#
89	162.6	65.8	98.8#
182	9.9	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.668 ng
RT: 15.687 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

Tgt Ion:	138	Resp:	114
Ion Ratio	Lower	Upper	
138	100		
92	93.5	38.0	78.0#
108	80.6	77.6	117.6

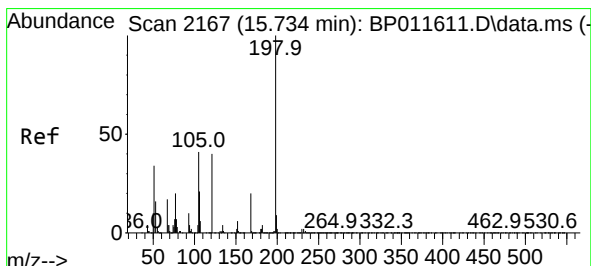
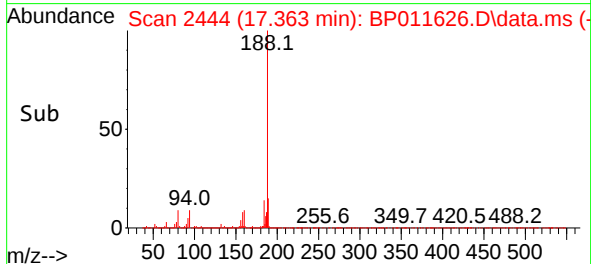
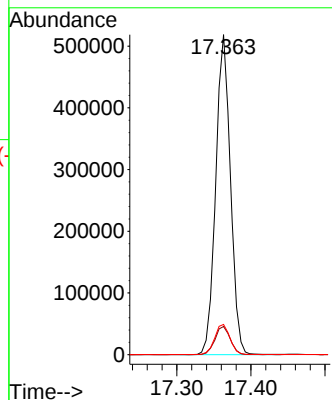
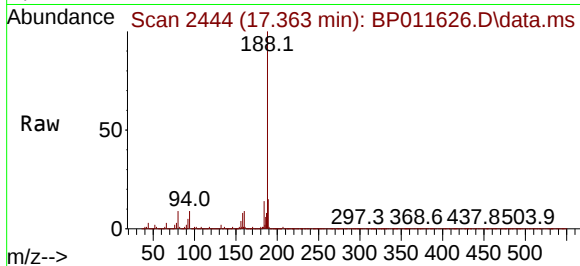




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

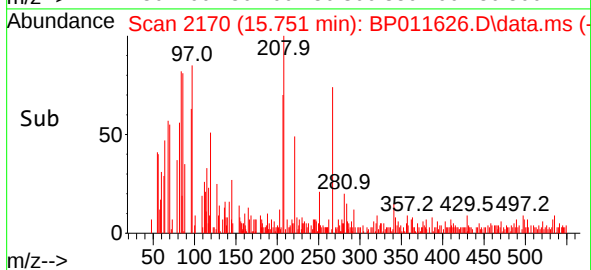
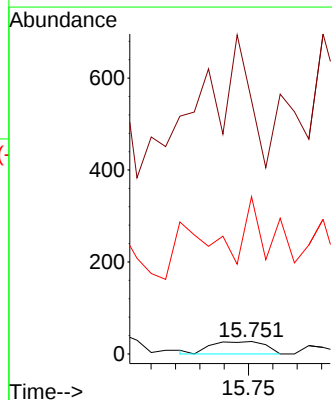
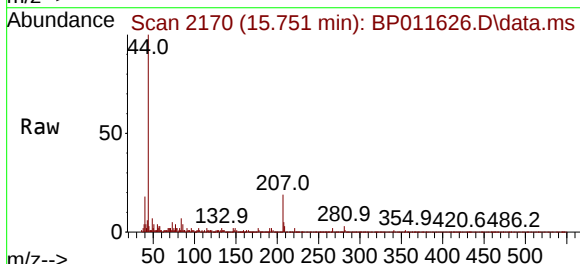
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

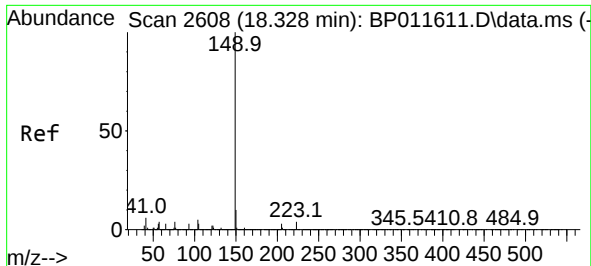
Tgt Ion:188 Resp: 713874
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.4 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.900 ng
RT: 15.751 min Scan# 2170
Delta R.T. 0.017 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

Tgt Ion:198 Resp: 41
Ion Ratio Lower Upper
198 100
51 2040.7 41.2 81.2#
105 1266.7 25.3 65.3#

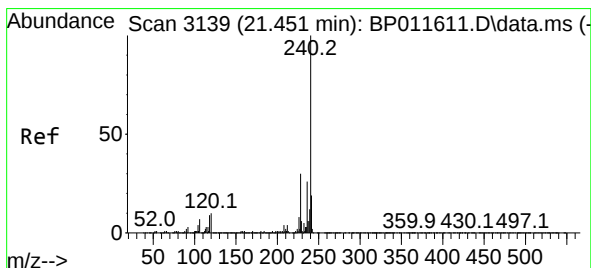
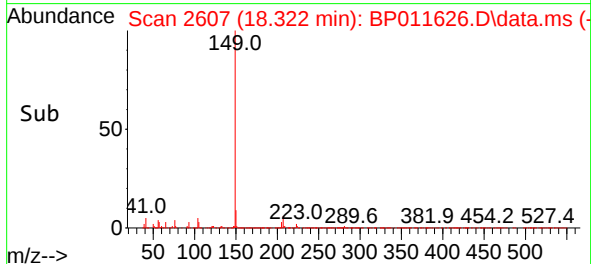
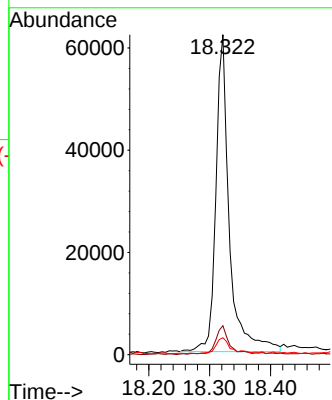
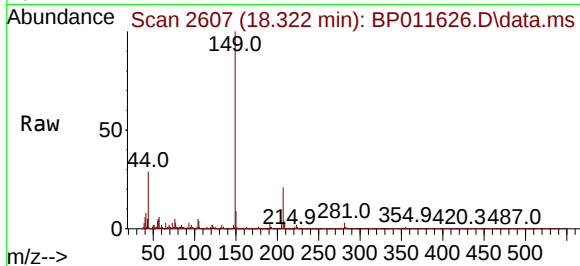




#74
Di-n-butylphthalate
Concen: 2.409 ng
RT: 18.322 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

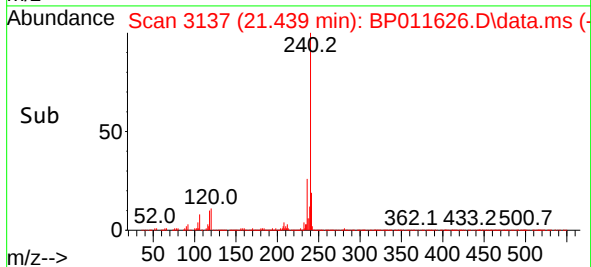
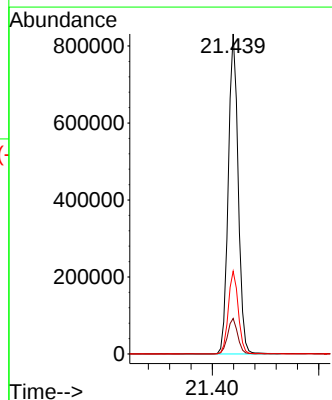
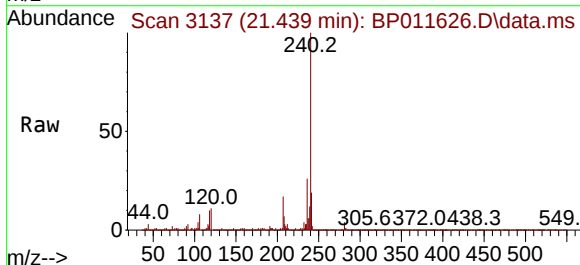
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

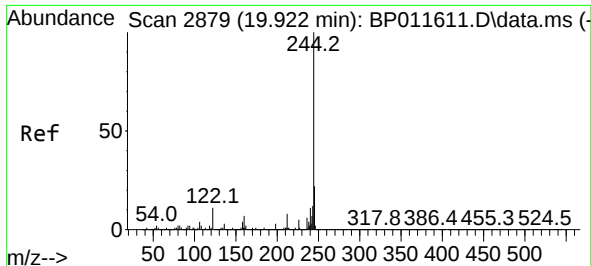
Tgt Ion:149 Resp: 94941
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 5.3 4.8 7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BP011626.D
Acq: 06 Sep 2022 15:30

Tgt Ion:240 Resp: 1070746
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 25.9 19.8 29.6

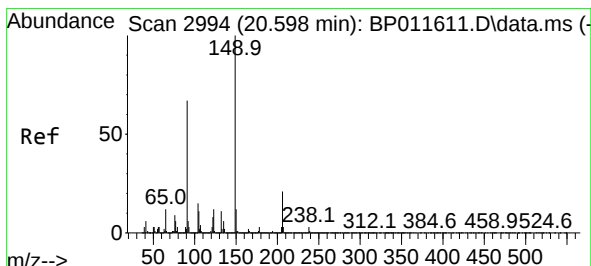
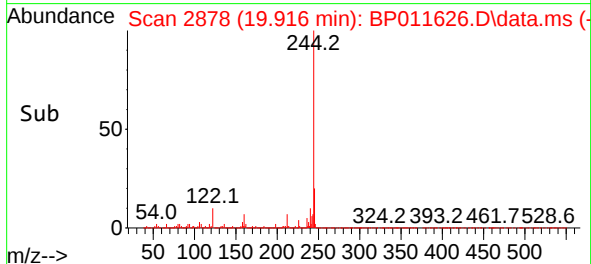
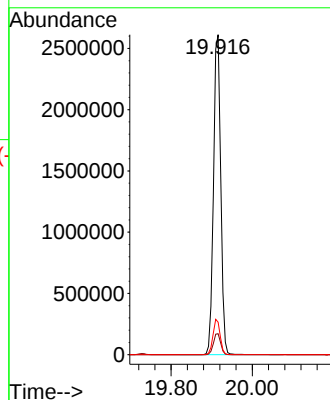
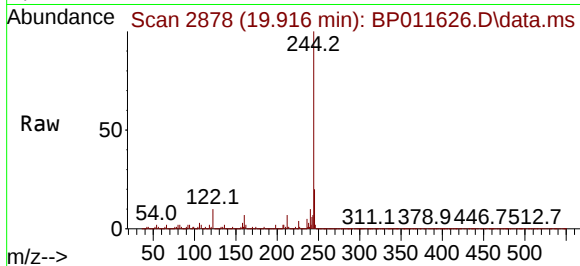




#79
 Terphenyl-d14
 Concen: 62.841 ng
 RT: 19.916 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP011626.D
 Acq: 06 Sep 2022 15:30

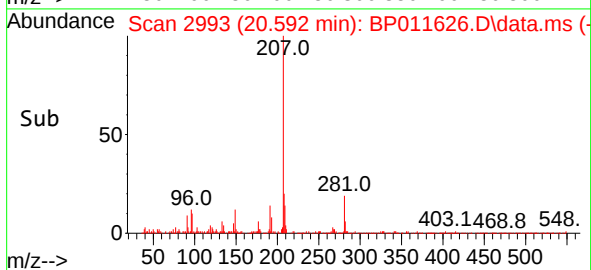
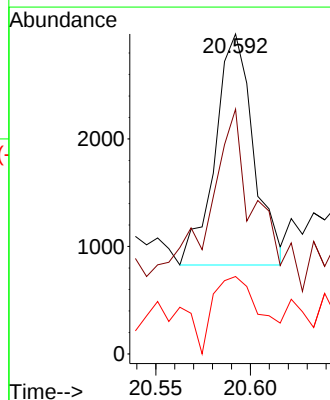
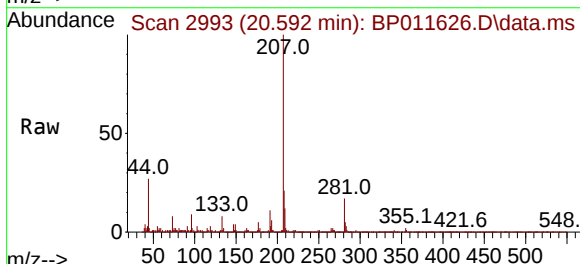
Instrument :
 BNA_P
 ClientSampleId :
 SB-01-COMP

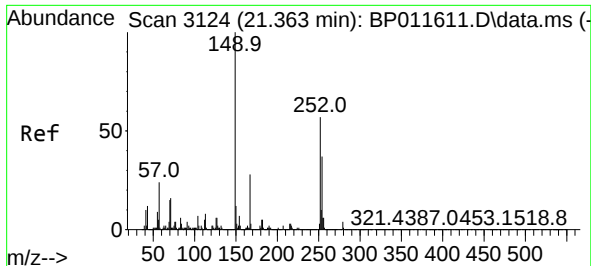
Tgt Ion:244 Resp: 3212532
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 10.1 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 3.810 ng
 RT: 20.592 min Scan# 2993
 Delta R.T. -0.006 min
 Lab File: BP011626.D
 Acq: 06 Sep 2022 15:30

Tgt Ion:149 Resp: 3036
 Ion Ratio Lower Upper
 149 100
 91 76.5 62.5 93.7
 206 24.2 17.0 25.4

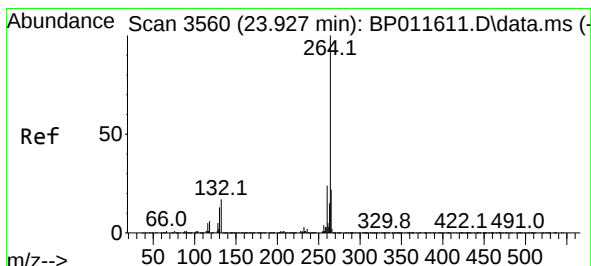
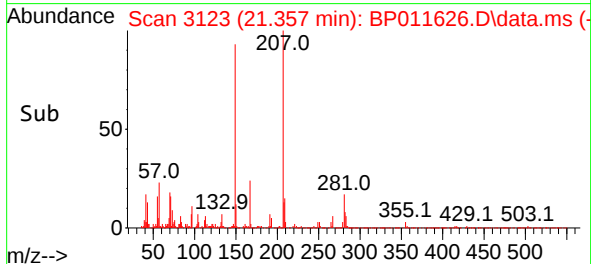
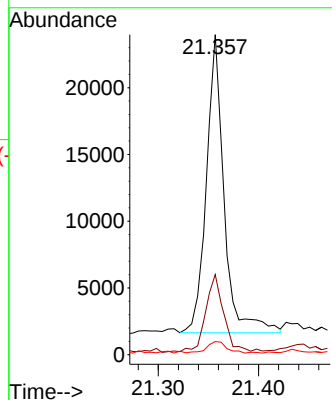
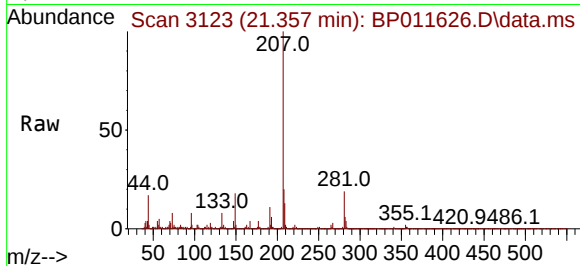




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.523 ng
 RT: 21.357 min Scan# 3124
 Delta R.T. -0.006 min
 Lab File: BP011626.D
 Acq: 06 Sep 2022 15:30

Instrument :
 BNA_P
 ClientSampleId :
 SB-01-COMP

Tgt Ion:149 Resp: 27436
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.8 32.8
 279 4.1 3.7 5.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.910 min Scan# 3557
 Delta R.T. -0.018 min
 Lab File: BP011626.D
 Acq: 06 Sep 2022 15:30

Tgt Ion:264 Resp: 1407901
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 22.1 18.0 27.0

