

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060322\
 Data File : BP010696.D
 Acq On : 03 Jun 2022 17:05
 Operator : CG/JU
 Sample : N3170-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20220415-COMPOSITE-D

Quant Time: Jun 04 02:01:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 01:56:43 2022
 Response via : Initial Calibration

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

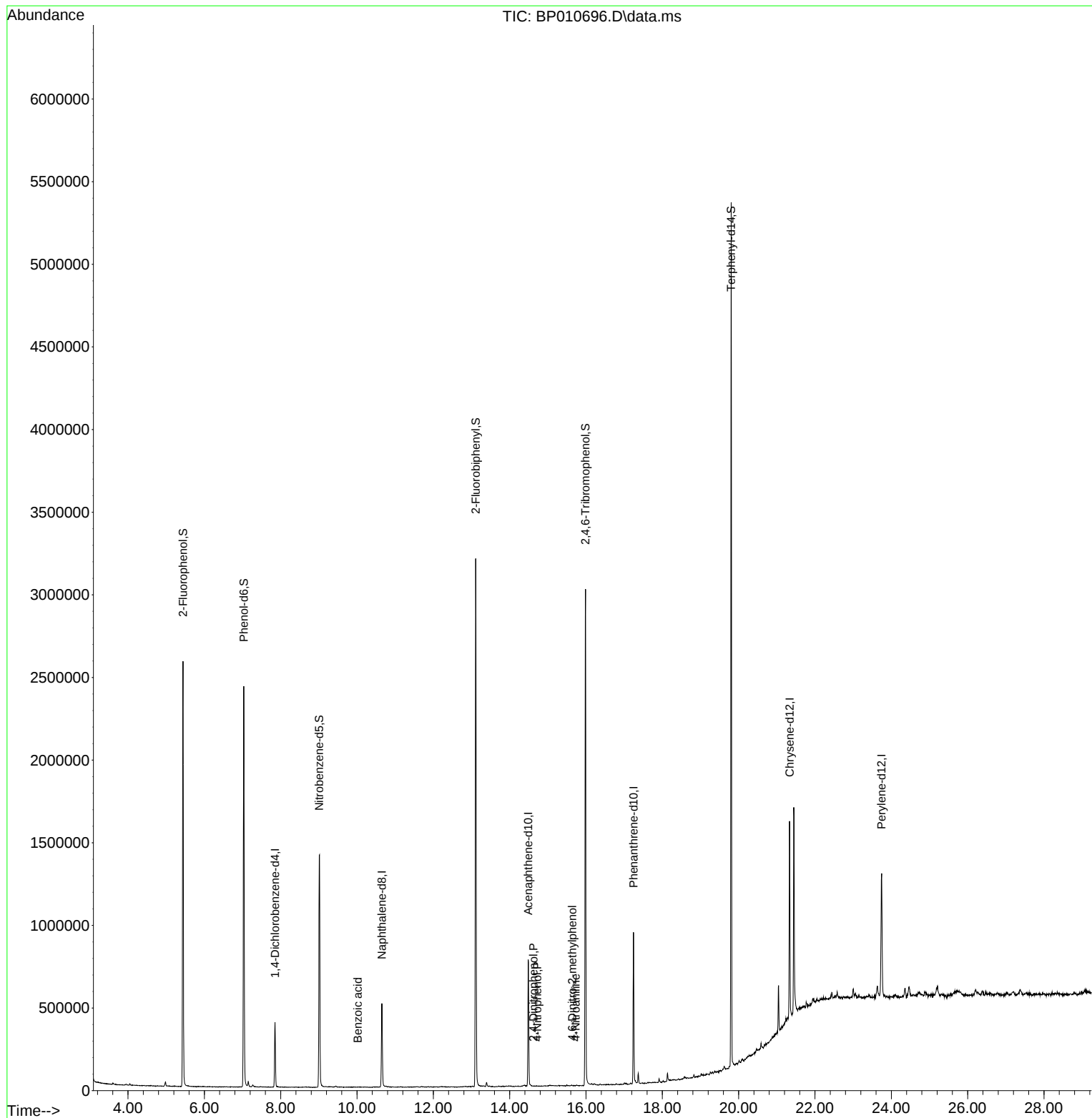
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	97769	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	417225	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	262997	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	561709	20.000	ng	0.00
76) Chrysene-d12	21.333	240	599635	20.000	ng	#-0.01
86) Perylene-d12	23.745	264	621162	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	960801	179.279	ng	0.00
7) Phenol-d6	7.034	99	1262686	165.962	ng	0.00
23) Nitrobenzene-d5	9.010	82	828433	93.875	ng	-0.01
42) 2,4,6-Tribromophenol	15.987	330	612518	205.749	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	1625896	87.740	ng	0.00
79) Terphenyl-d14	19.804	244	2395412	75.034	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.022	122	90	7.344	ng	# 1
54) 2,4-Dinitrophenol	14.622	184	29	6.656	ng	# 32
56) 4-Nitrophenol	14.722	139	43	3.609	ng	# 1
62) 4-Nitroaniline	15.728	138	65	2.148	ng	94
65) 4,6-Dinitro-2-methylph...	15.639	198	24	4.609	ng	# 1

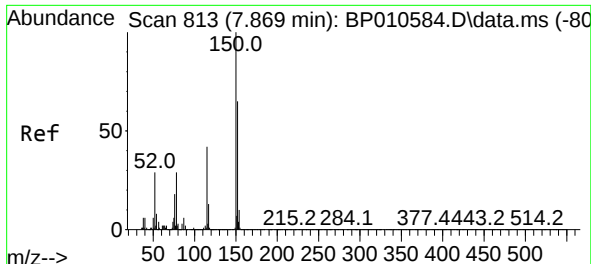
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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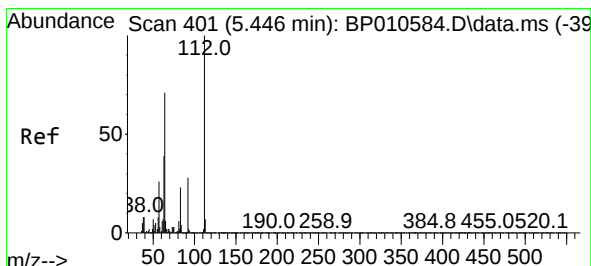
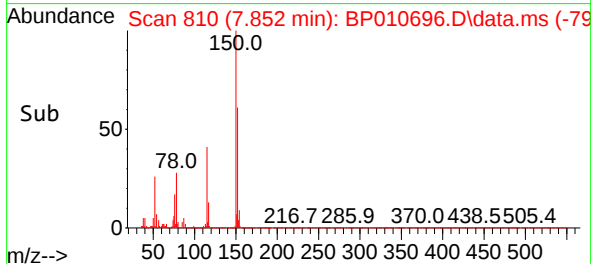
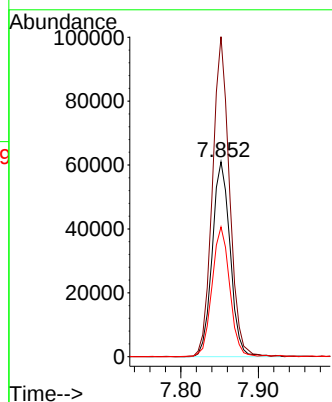
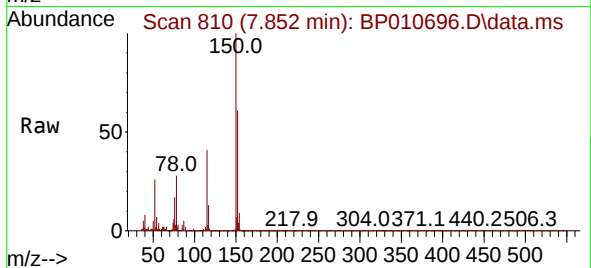




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 813
Delta R.T. -0.000 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

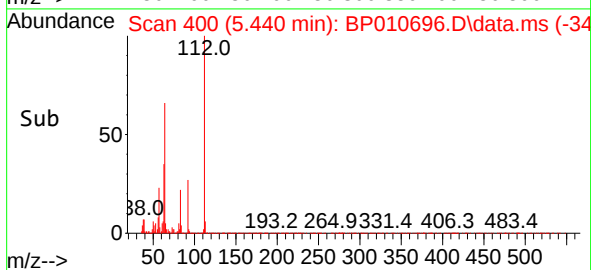
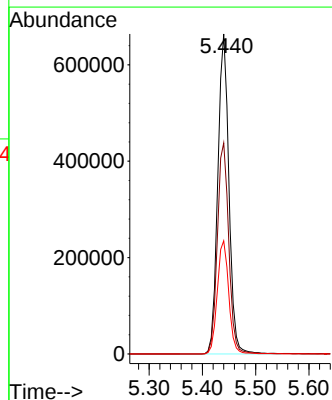
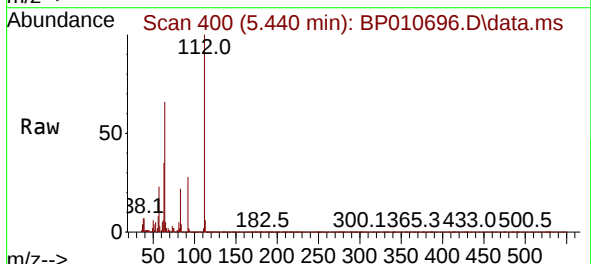
Instrument :
BNA_P
ClientSampleId :
20220415-COMPOSITE-D

Tgt Ion:152 Resp: 97769
Ion Ratio Lower Upper
152 100
150 164.2 123.4 185.2
115 66.6 51.3 76.9



#5
2-Fluorophenol
Concen: 179.279 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

Tgt Ion:112 Resp: 960801
Ion Ratio Lower Upper
112 100
64 65.9 56.9 85.3
63 35.3 31.2 46.8



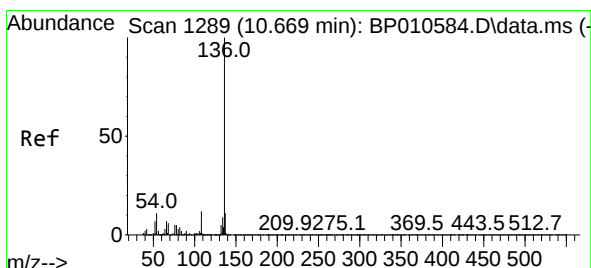
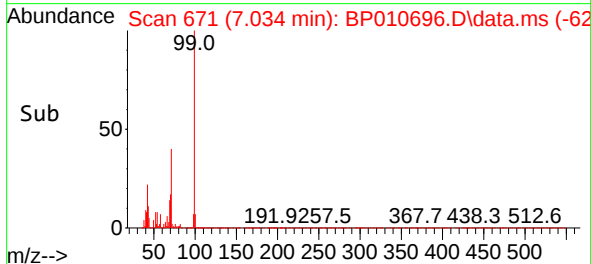
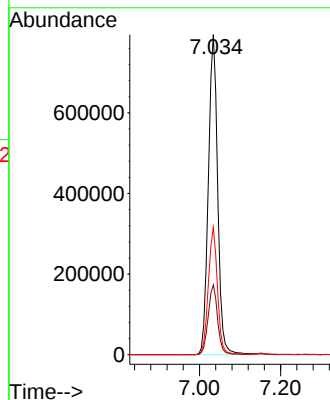
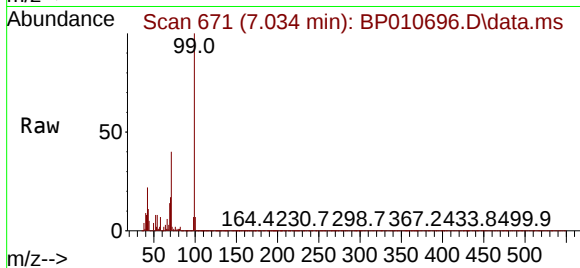


#7
Phenol-d6
Concen: 165.962 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

Instrument :
BNA_P
ClientSampleId :
20220415-COMPOSITE-D

Tgt Ion: 99 Resp: 1262686

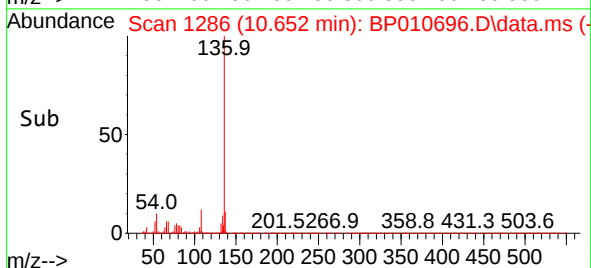
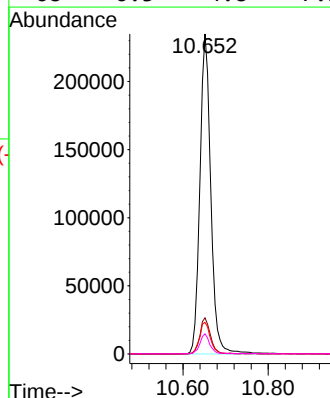
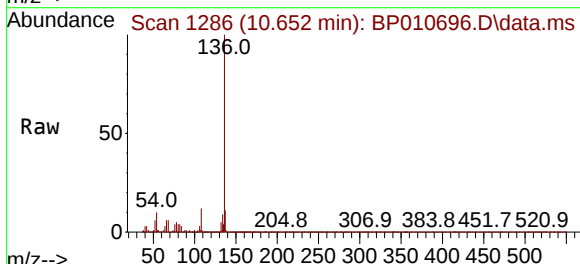
Ion	Ratio	Lower	Upper
99	100		
42	21.8	20.3	30.5
71	39.8	33.9	50.9

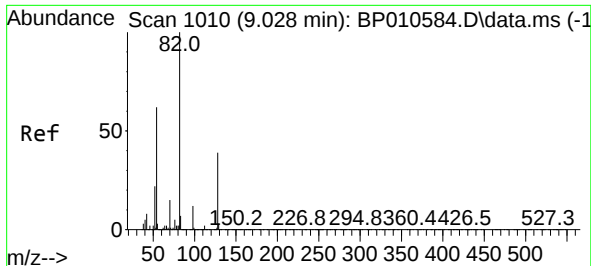


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

Tgt Ion: 136 Resp: 417225

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.9	8.7	13.1
68	6.3	4.8	7.2





#23

Nitrobenzene-d5

Concen: 93.875 ng

RT: 9.010 min Scan# 10

Delta R.T. -0.012 min

Lab File: BP010696.D

Acq: 03 Jun 2022 17:05

Instrument :

BNA_P

ClientSampleId :

20220415-COMPOSITE-D

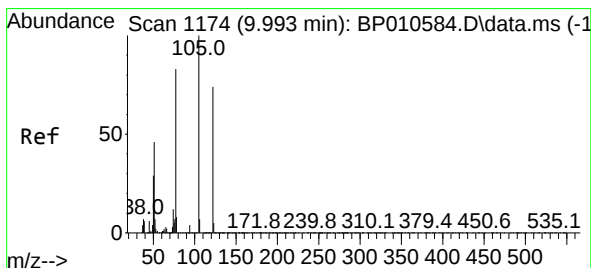
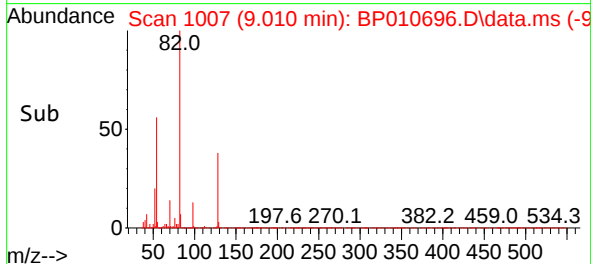
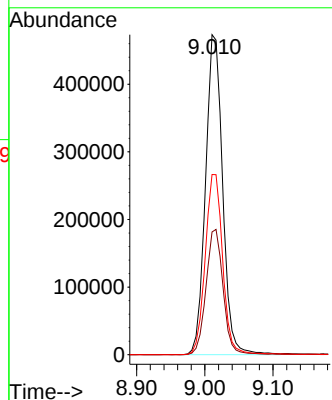
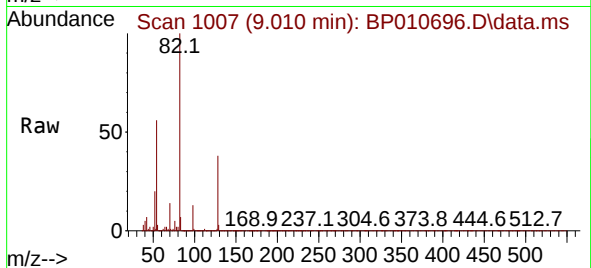
Tgt Ion: 82 Resp: 828433

Ion Ratio Lower Upper

82 100

128 38.3 31.3 46.9

54 56.3 49.8 74.8



#32

Benzoic acid

Concen: 7.344 ng

RT: 10.022 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BP010696.D

Acq: 03 Jun 2022 17:05

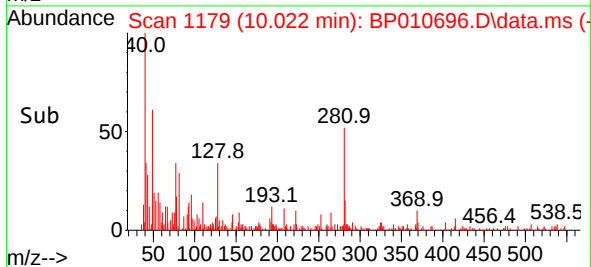
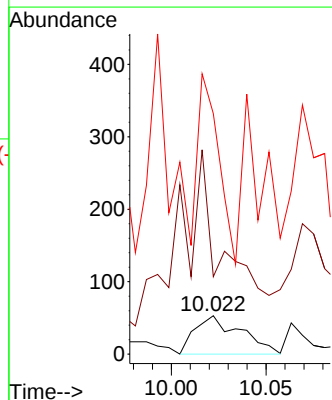
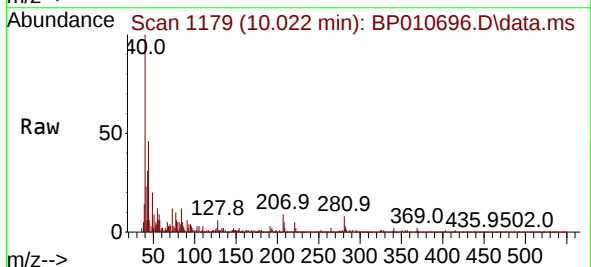
Tgt Ion:122 Resp: 90

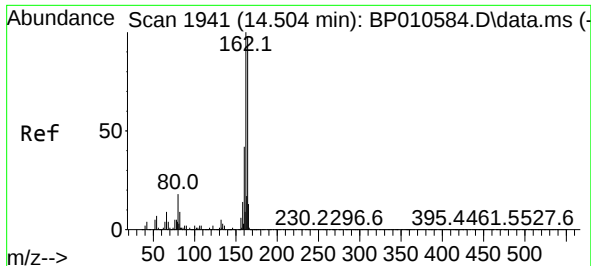
Ion Ratio Lower Upper

122 100

105 201.9 112.6 152.6#

77 626.4 90.2 130.2#

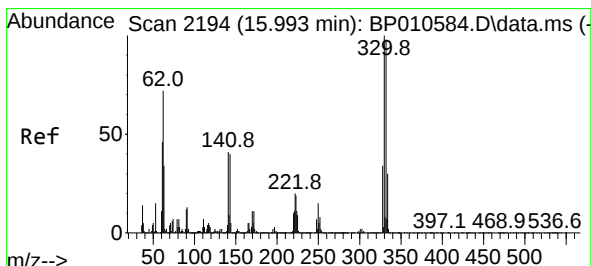
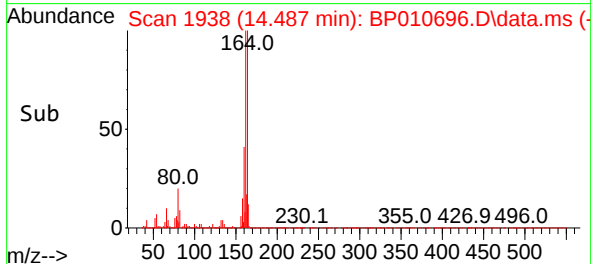
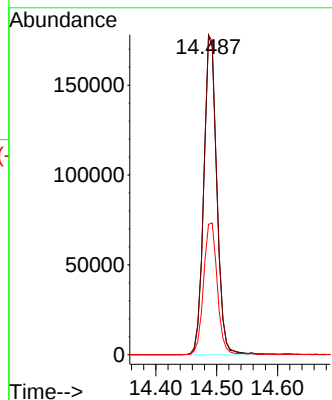
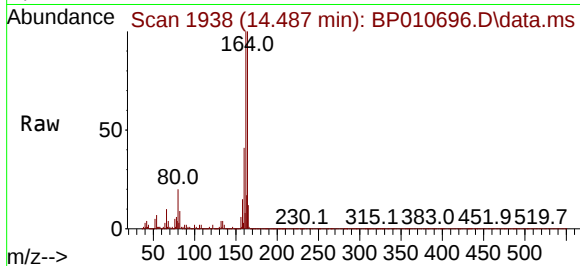




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

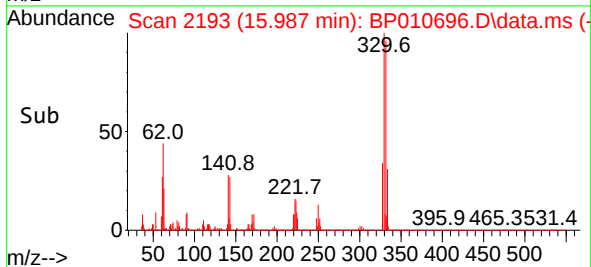
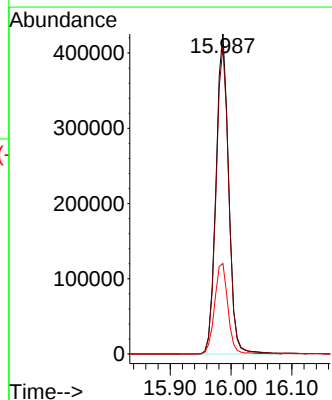
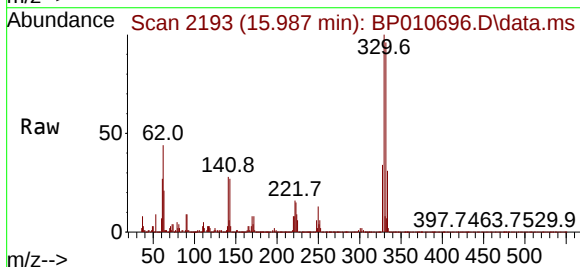
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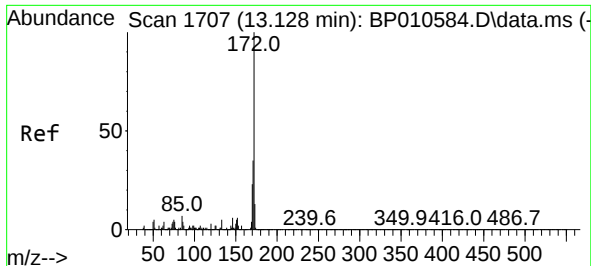
Tgt Ion:164 Resp: 262997
Ion Ratio Lower Upper
164 100
162 100.4 81.9 122.9
160 40.9 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 205.749 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

Tgt Ion:330 Resp: 612518
Ion Ratio Lower Upper
330 100
332 97.0 78.1 117.1
141 29.7 31.4 47.2#

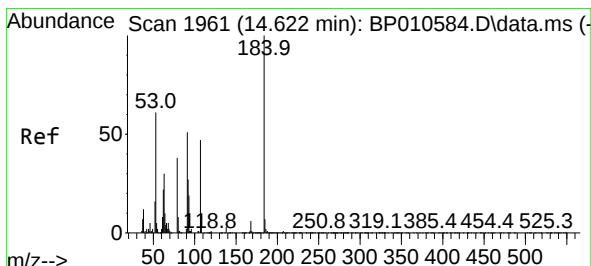
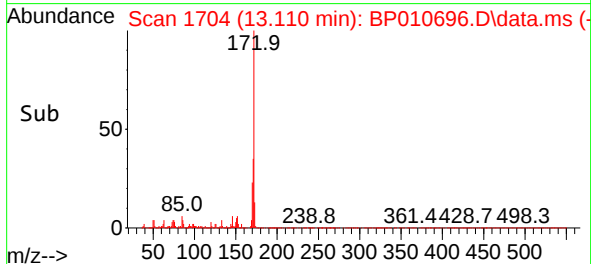
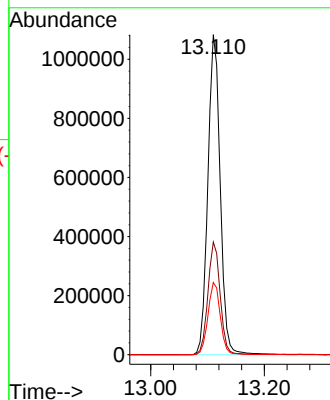
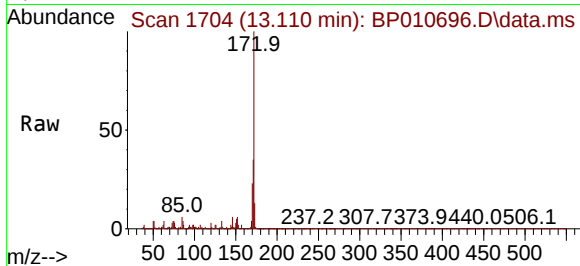




#45
2-Fluorobiphenyl
Concen: 87.740 ng
RT: 13.110 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

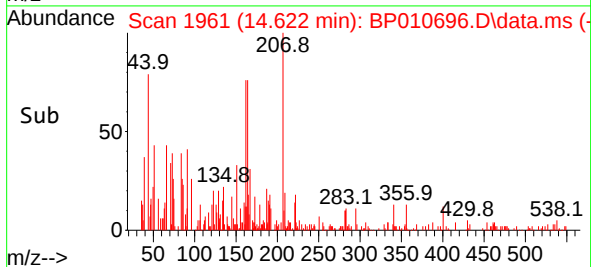
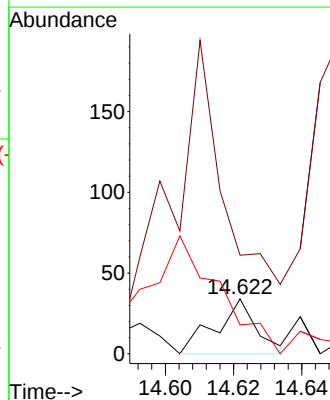
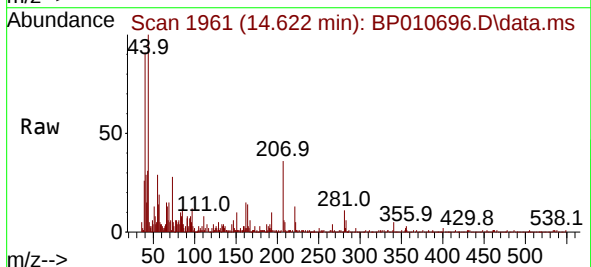
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ClientSampleId : 20220415-COMPOSITE-D

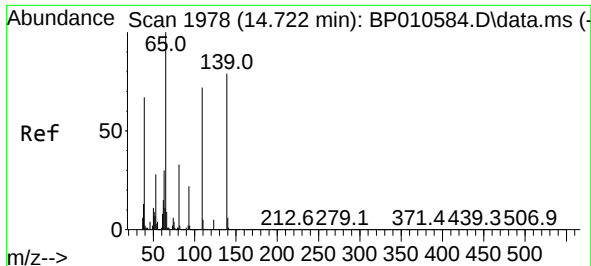
Tgt Ion:172 Resp: 1625896
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 22.5 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.656 ng
RT: 14.622 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 179.4 65.4 98.2#
154 52.9 55.4 83.2#

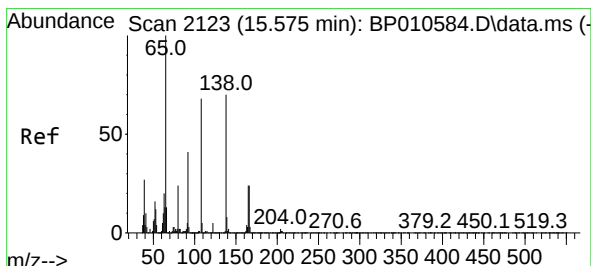
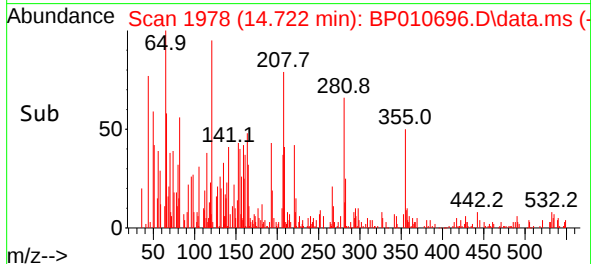
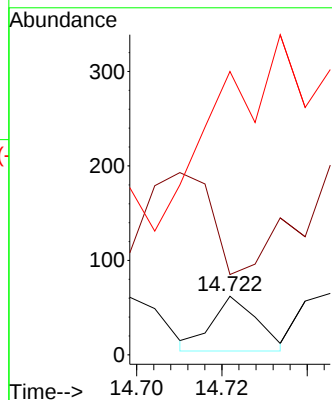
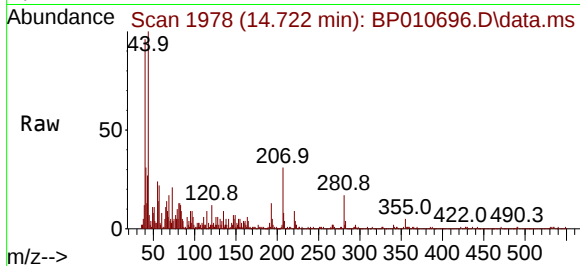




#56
4-Nitrophenol
Concen: 3.609 ng
RT: 14.722 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

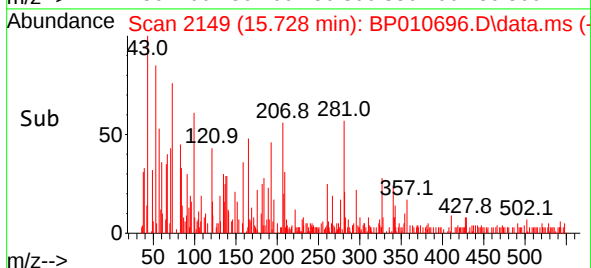
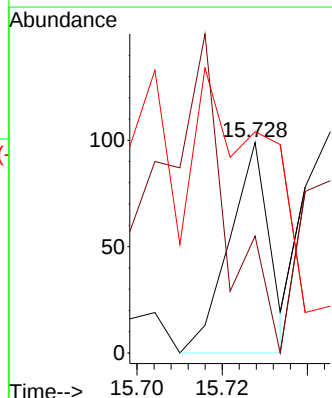
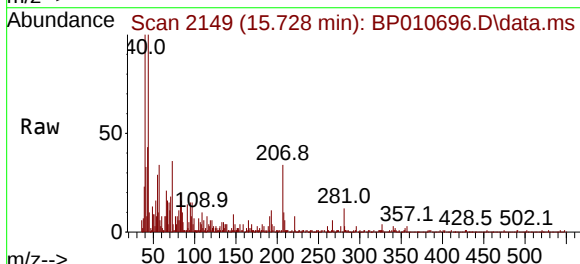
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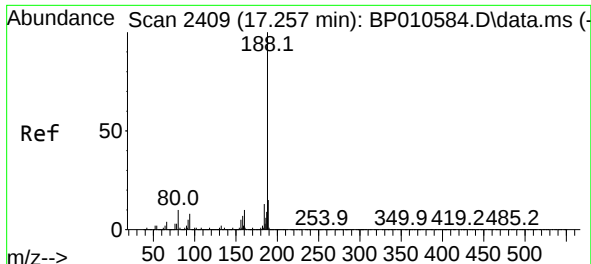
Tgt Ion:139 Resp: 43
Ion Ratio Lower Upper
139 100
109 137.1 70.6 110.6#
65 483.9 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.148 ng
RT: 15.728 min Scan# 2149
Delta R.T. 0.153 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

Tgt Ion:138 Resp: 65
Ion Ratio Lower Upper
138 100
92 55.6 38.0 78.0
108 105.1 77.6 117.6

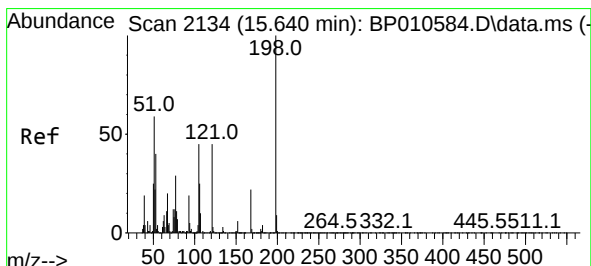
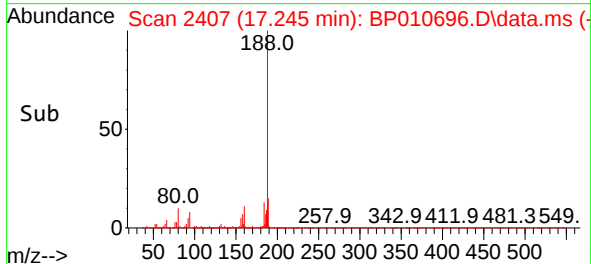
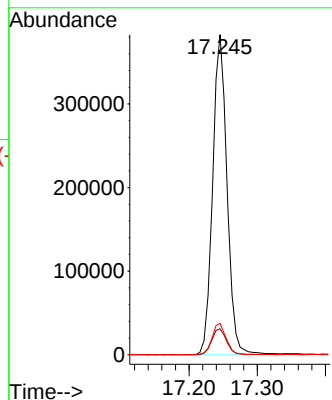
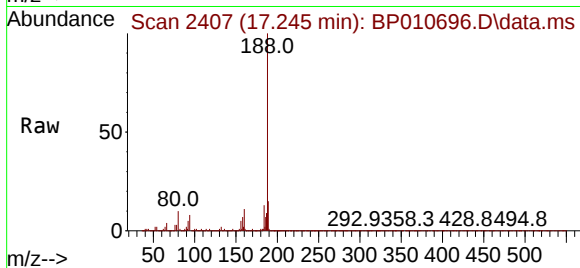




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

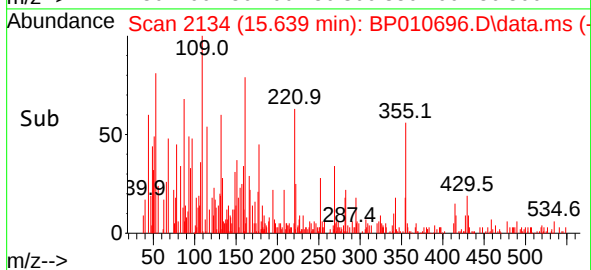
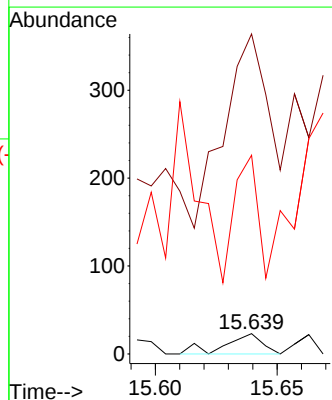
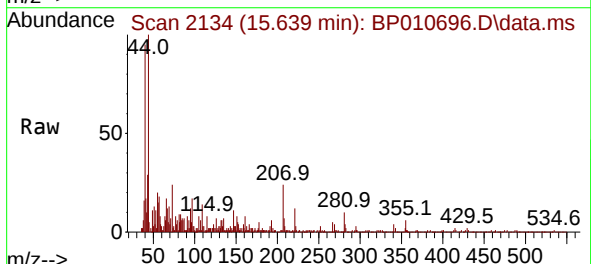
Instrument :
BNA_P
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20220415-COMPOSITE-D

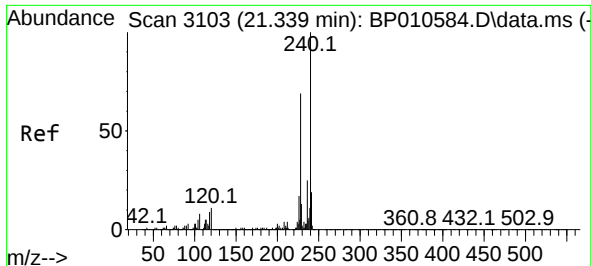
Tgt Ion:188 Resp: 561709
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 9.8 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.609 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 1582.6 41.2 81.2#
105 982.6 25.3 65.3#

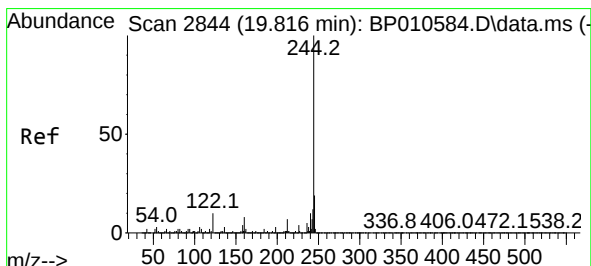
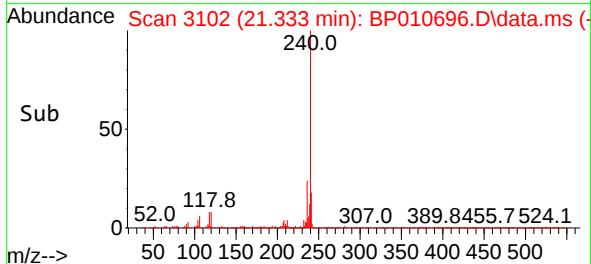
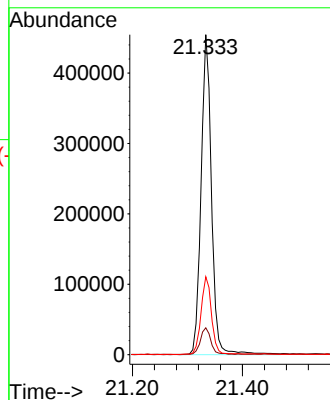
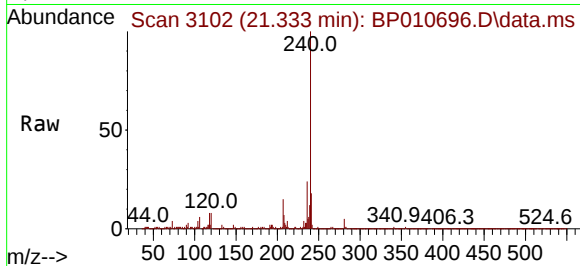




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

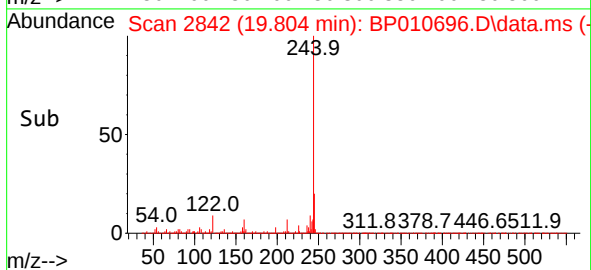
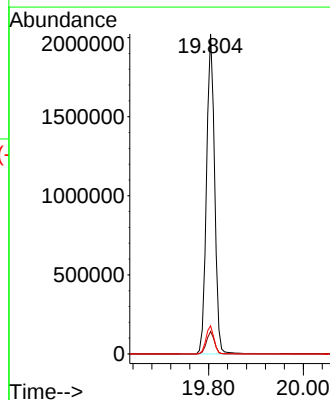
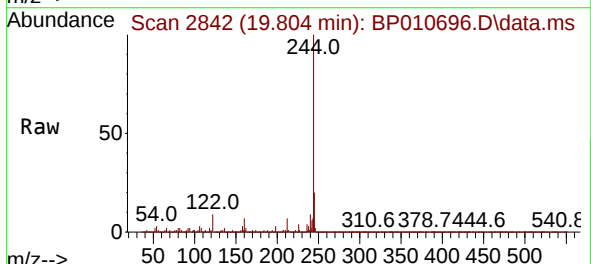
Instrument :
BNA_P
ClientSampleId :
20220415-COMPOSITE-D

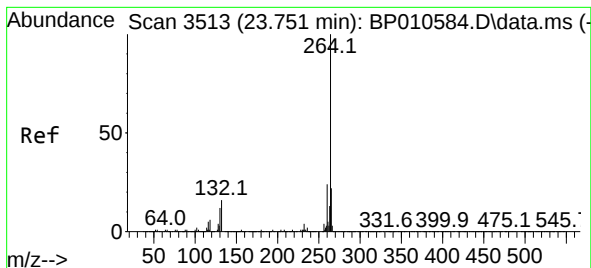
Tgt Ion:240 Resp: 599635
Ion Ratio Lower Upper
240 100
120 8.4 8.6 12.8#
236 24.4 19.8 29.6



#79
Terphenyl-d14
Concen: 75.034 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP010696.D
Acq: 03 Jun 2022 17:05

Tgt Ion:244 Resp: 2395412
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 8.8 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.745 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP010696.D

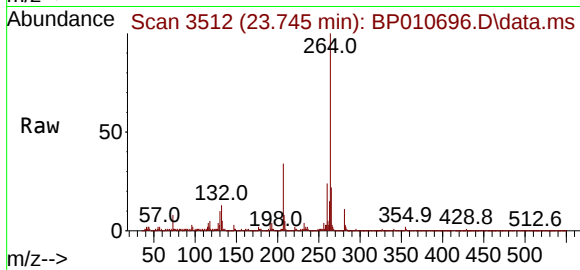
Acq: 03 Jun 2022 17:05

Instrument :

BNA_P

ClientSampleId :

20220415-COMPOSITE-D



Tgt Ion:264 Resp: 621162

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 22.5 18.0 27.0

