

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115720.D
 Acq On : 23 Jul 2019 15:43
 Operator : HP/JU
 Sample : PB121635BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121635BS

Manual Integrations
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mohammad
 7/24/2019 11:34:52 AM

Quant Time: Jul 24 05:18:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	130544	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	560275	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	300872	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	627115	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	501854	20.00	ng	-0.01
87) Perylene-d12	15.51	264	393338	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	949219	118.94	ng	0.00
7) Phenol-d6	6.51	99	1241232	122.57	ng	0.00
23) Nitrobenzene-d5	7.43	82	759054	78.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	405628	115.50	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1400418	81.47	ng	-0.02
79) Terphenyl-d14	12.98	244	1833575	67.42	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.66	88	143672	36.089	ng	96
3) Pyridine	3.43	79	319737	29.603	ng	97
4) n-Nitrosodimethylamine	3.36	42	155091	39.581	ng	92
6) Aniline	6.53	93	380477	26.998	ng	96
8) 2-Chlorophenol	6.66	128	380789	41.499	ng	100
9) Benzaldehyde	6.42	77	135555	21.420	ng	99
10) Phenol	6.52	94	486848	41.413	ng	86
11) bis(2-Chloroethyl)ether	6.61	93	356259	39.804	ng	98
12) 1,3-Dichlorobenzene	6.82	146	377661	36.607	ng	98
13) 1,4-Dichlorobenzene	6.89	146	386057	37.506	ng	96
14) 1,2-Dichlorobenzene	7.05	146	363947	38.679	ng	97
15) Benzyl Alcohol	7.02	79	321740	40.050	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	477280	40.504	ng	99
17) 2-Methylphenol	7.13	107	338994	42.870	ng	98
18) Hexachloroethane	7.39	117	137873	36.087	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	255101	38.625	ng	98
20) 3+4-Methylphenols	7.28	107	402596	42.863	ng	# 84
22) Acetophenone	7.28	105	512500	40.490	ng	# 98
24) Nitrobenzene	7.45	77	419683	40.382	ng	94
25) Isophorone	7.69	82	757131	39.269	ng	98
26) 2-Nitrophenol	7.77	139	211561	39.549	ng	96
27) 2,4-Dimethylphenol	7.80	122	346880	43.339	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	461811	39.043	ng	98
29) 2,4-Dichlorophenol	8.02	162	345224	41.473	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	350875	37.290	ng	98
31) Naphthalene	8.18	128	1088650	40.121	ng	97
32) Benzoic acid	7.93	122	274500	41.790	ng	99
33) 4-Chloroaniline	8.22	127	331523	27.583	ng	98
34) Hexachlorobutadiene	8.30	225	194640	36.072	ng	99
35) Caprolactam	8.59	113	119148m	46.321	ng	
36) 4-Chloro-3-methylphenol	8.71	107	373950	43.309	ng	96
37) 2-Methylnaphthalene	8.87	142	751250	41.768	ng	97
38) 1-Methylnaphthalene	8.97	142	704240	41.222	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	345413	38.124	ng	98

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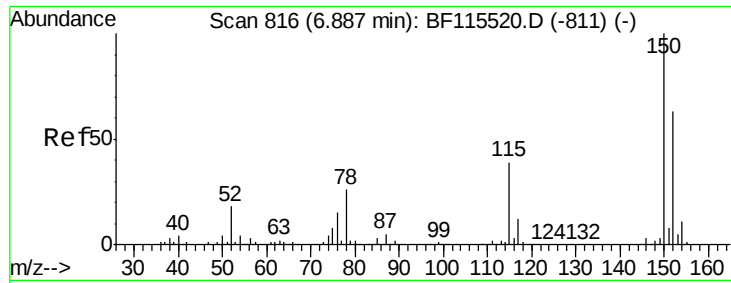
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 7/24/2019 11:34:52 AM

Quant Time: Jul 24 05:18:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	207287	40.107	nq	100
43) 2,4,6-Trichlorophenol	9.15	196	244461	36.896	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	271569	40.022	nq	96
46) 1,1'-Biphenyl	9.33	154	924291	39.295	nq	98
47) 2-Chloronaphthalene	9.36	162	745266	38.052	nq	96
48) 2-Nitroaniline	9.45	65	242179	39.950	nq	99
49) Acenaphthylene	9.77	152	1139583	39.268	nq	98
50) Dimethylphthalate	9.63	163	890639	39.345	nq	99
51) 2,6-Dinitrotoluene	9.69	165	206973	40.233	nq	99
52) Acenaphthene	9.95	154	701634	37.448	nq	99
53) 3-Nitroaniline	9.86	138	186106	31.658	nq	96
54) 2,4-Dinitrophenol	9.97	184	218091	82.573	nq	94
55) Dibenzofuran	10.12	168	1059722	39.827	nq	100
56) 4-Nitrophenol	10.03	139	370432	82.633	nq	96
57) 2,4-Dinitrotoluene	10.10	165	283094	42.476	nq	98
58) Fluorene	10.46	166	806986	42.425	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	237309	41.837	nq	99
60) Diethylphthalate	10.33	149	875998	41.302	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	407016	38.585	nq	100
62) 4-Nitroaniline	10.47	138	236573	41.953	nq	94
63) Azobenzene	10.61	77	885143	43.025	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	147479	38.492	nq	99
66) n-Nitrosodiphenylamine	10.57	169	751465	38.522	nq	97
67) 4-Bromophenyl-phenylether	10.94	248	258217	36.031	nq	99
68) Hexachlorobenzene	11.02	284	296806	36.266	nq	97
69) Atrazine	11.09	200	202843	31.697	nq	99
70) Pentachlorophenol	11.20	266	348324	69.587	nq	99
71) Phenanthrene	11.42	178	1272370	39.582	nq	98
72) Anthracene	11.47	178	1296220	39.018	nq	100
73) Carbazole	11.63	167	1212861	41.633	nq	98
74) Di-n-butylphthalate	11.96	149	1423320	39.664	nq	99
75) Fluoranthene	12.61	202	1410647	41.527	nq	97
77) Benzidine	12.72	184	309619	17.416	nq	99
78) Pyrene	12.84	202	1446192	34.013	nq	98
80) Butylbenzylphthalate	13.45	149	652415	35.994	nq	99
81) Benzo(a)anthracene	14.03	228	1274030	38.534	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	396360	33.723	nq	96
83) Chrysene	14.07	228	1243997	37.481	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	882616	39.312	nq	# 98
85) Di-n-octyl phthalate	14.63	149	1488149	41.658	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1145055	40.608	nq	99
88) Benzo(b)fluoranthene	15.09	252	1268432	50.081	nq	99
89) Benzo(k)fluoranthene	15.12	252	1150909	50.968	nq	98
90) Benzo(a)pyrene	15.45	252	1132394	52.019	nq	99
91) Dibenzo(a,h)anthracene	17.01	278	950630	49.742	nq	99
92) Benzo(g,h,i)perylene	17.44	276	971301	50.961	nq	99

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



#1

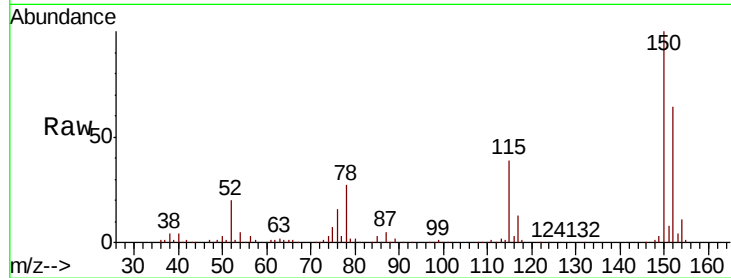
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	129.7	194.5
115	61.0	48.2	72.4

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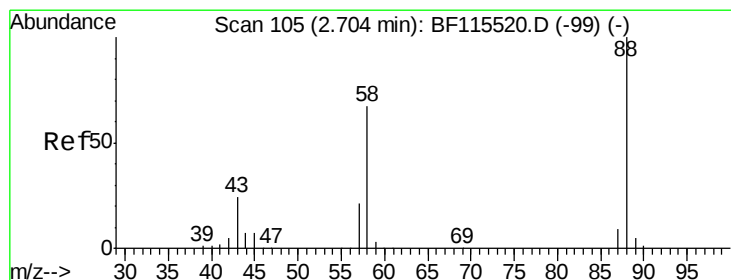
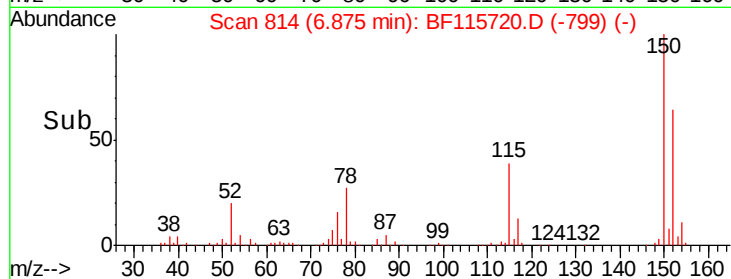
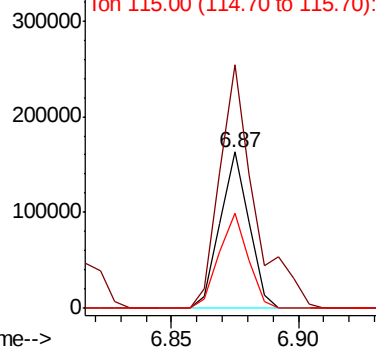


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

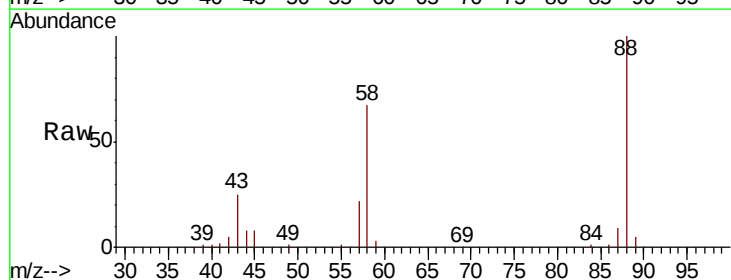
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.089 ng
RT: 2.66 min Scan# 98
Delta R.T. -0.04 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	52.6	79.0
43	25.2	19.1	28.7

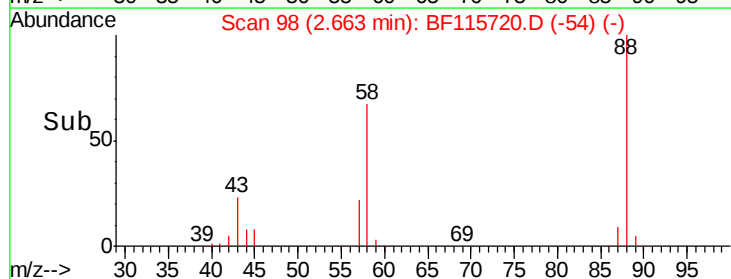
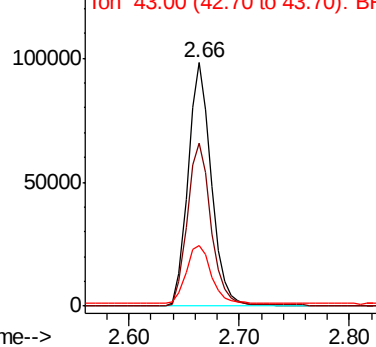


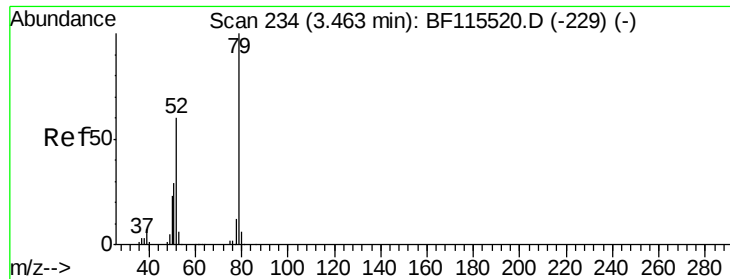
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.603 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.03 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

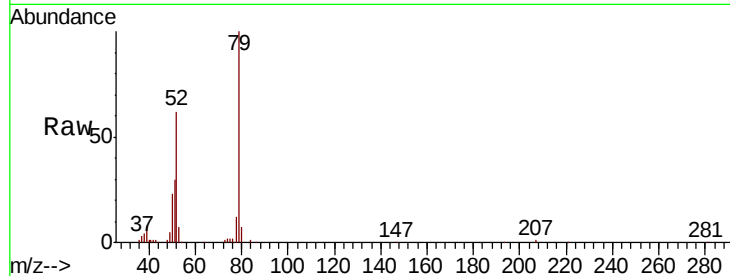
ClientSampleId :

PB121635BS

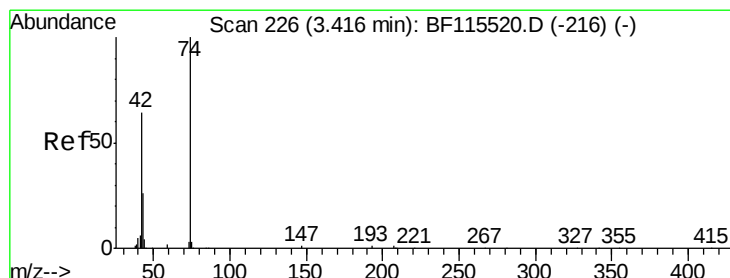
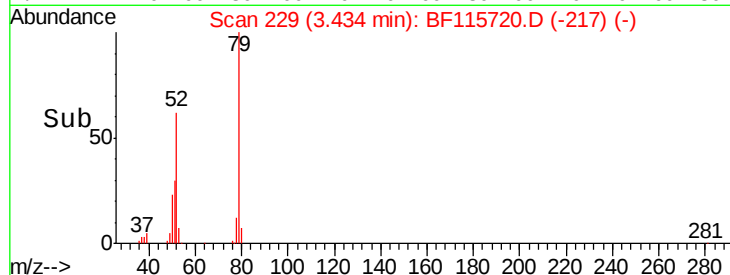
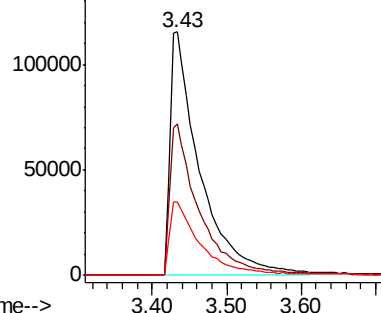
Tot Ion:	79	Resp:	319737
Ion	Ratio	Lower	Upper
79	100		
52	62.3	47.8	71.6
51	30.3	23.8	35.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.581 ng

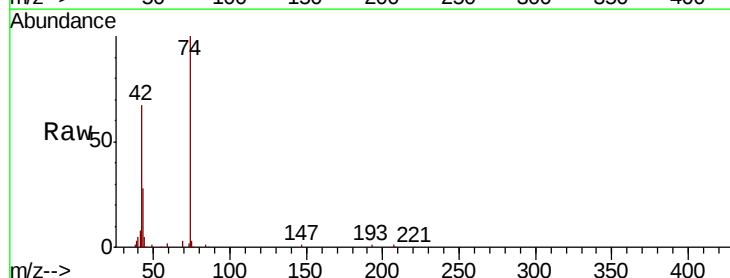
RT: 3.36 min Scan# 217

Delta R.T. -0.05 min

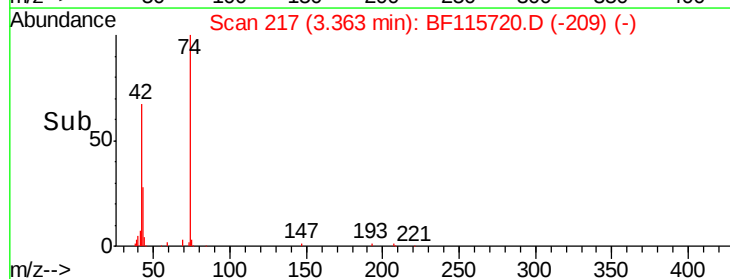
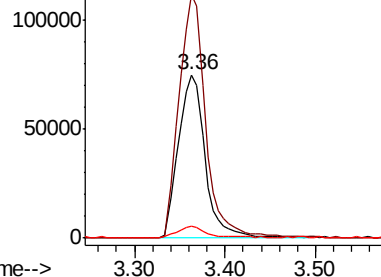
Lab File: BF115720.D

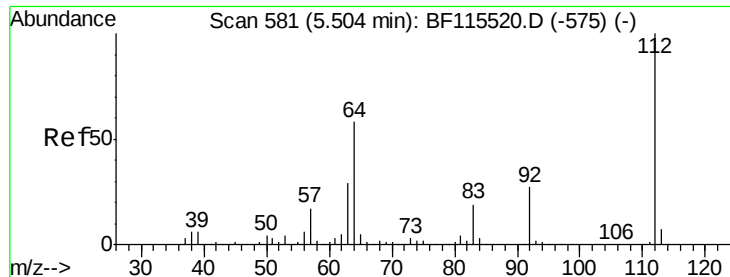
Acq: 23 Jul 2019 15:43

Tgt Ion:	42	Resp:	155091
Ion	Ratio	Lower	Upper
42	100		
74	148.8	127.5	191.3
44	7.1	5.0	7.6



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.937 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

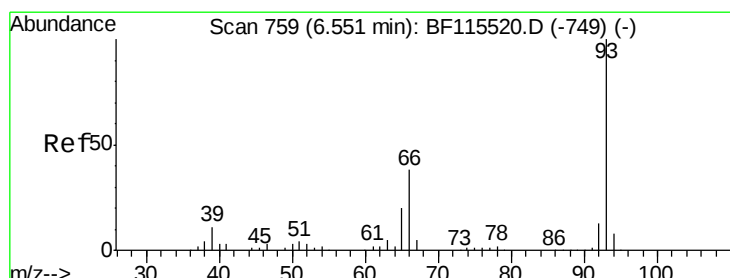
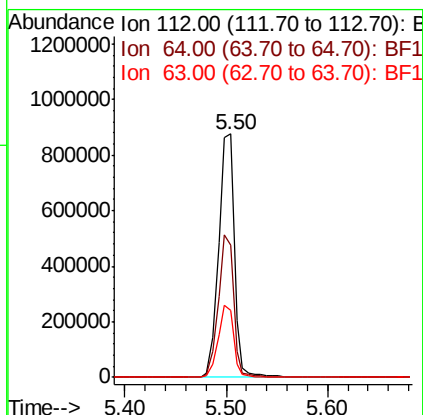
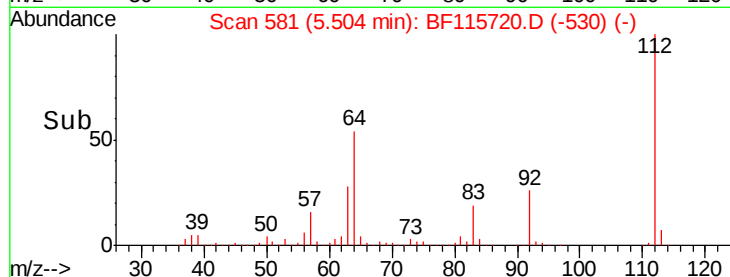
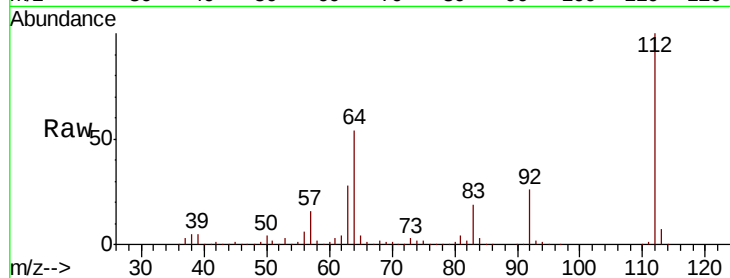
ClientSampleId :

PB121635BS

Tot Ion:	112	Resp:	949219
Ion Ratio	Lower	Upper	
112	100		
64	54.4	46.8	70.2
63	27.7	24.1	36.1

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#6

Aniline

Concen: 26.998 ng

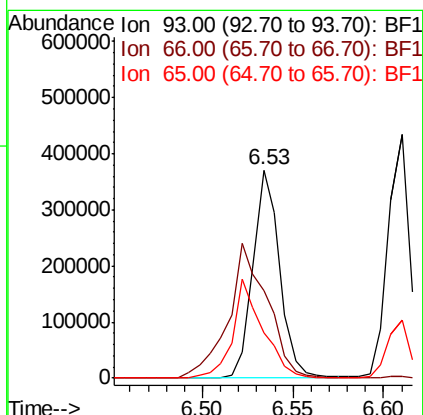
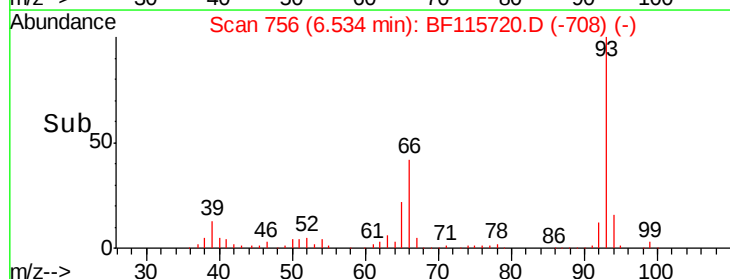
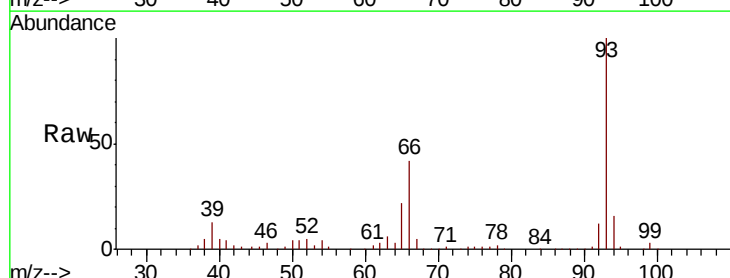
RT: 6.53 min Scan# 756

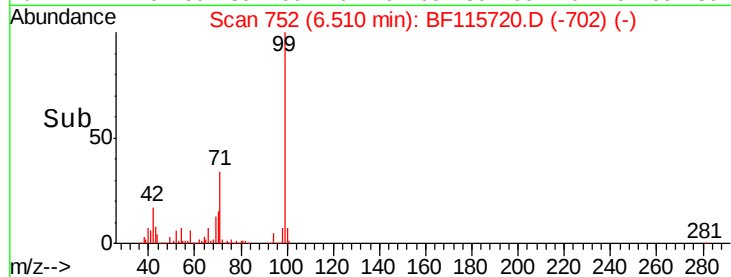
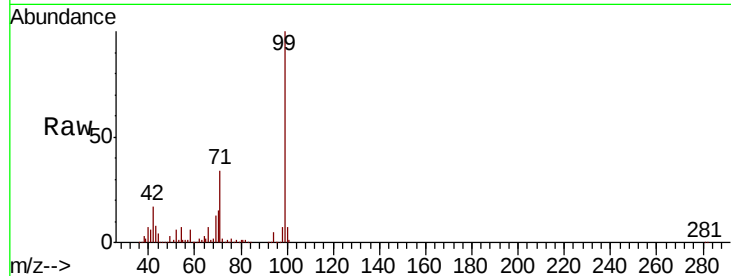
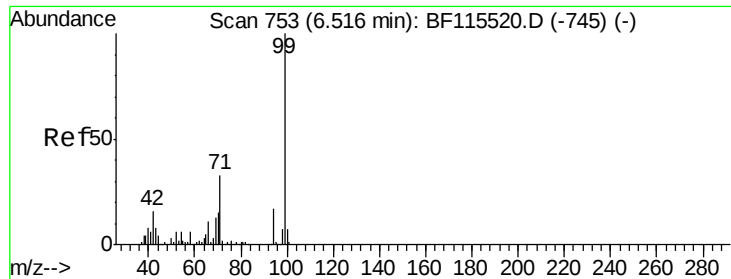
Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Tgt Ion:	93	Resp:	380477
Ion Ratio	Lower	Upper	
93	100		
66	41.7	31.7	47.5
65	21.8	16.2	24.2





#7

Phenol-d6

Concen: 122.569 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Tot Ion: 99 Resp: 1241232

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

71 34.0 28.5 42.7

Instrument :

BNA_F

ClientSampleId :

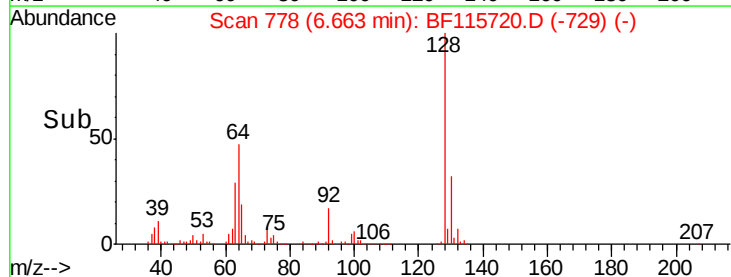
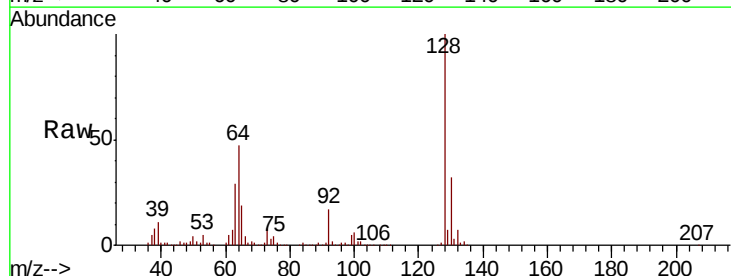
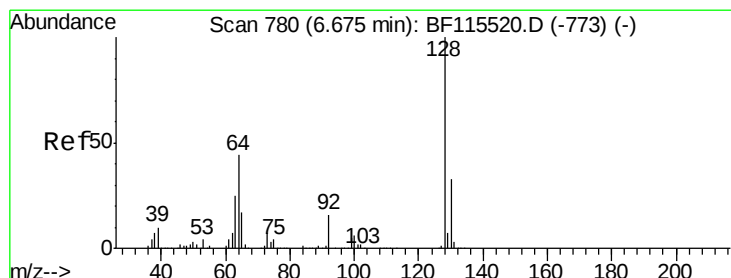
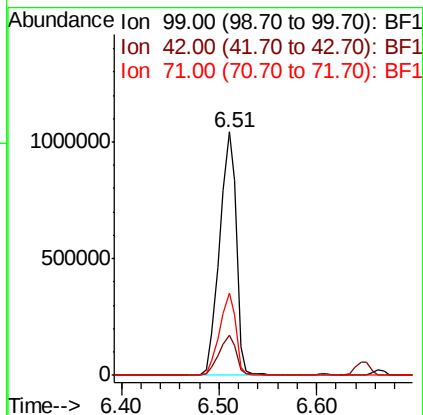
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#8

2-Chlorophenol

Concen: 41.499 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

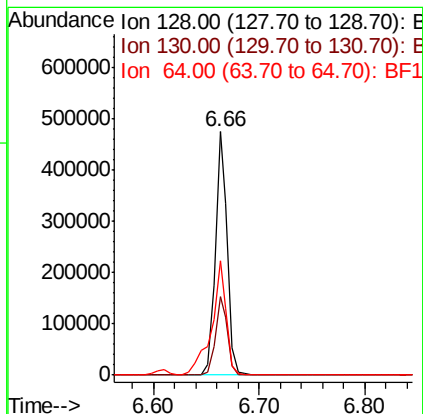
Tgt Ion:128 Resp: 380789

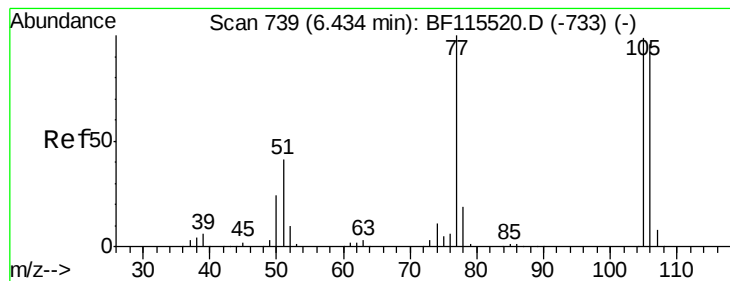
Ion Ratio Lower Upper

128 100

130 32.4 12.8 52.8

64 46.9 26.8 66.8





#9

Benzaldehyde

Concen: 21.420 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

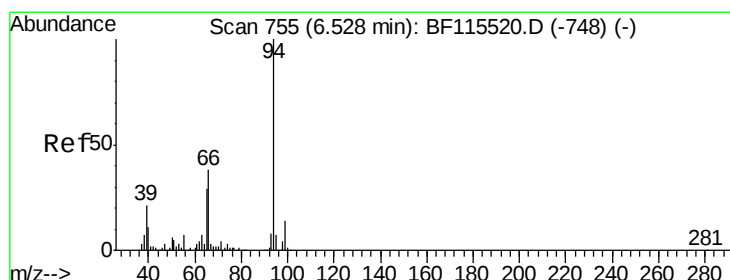
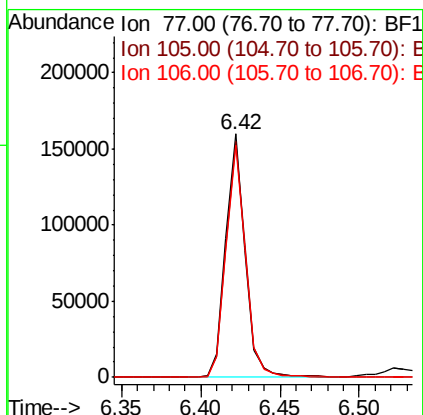
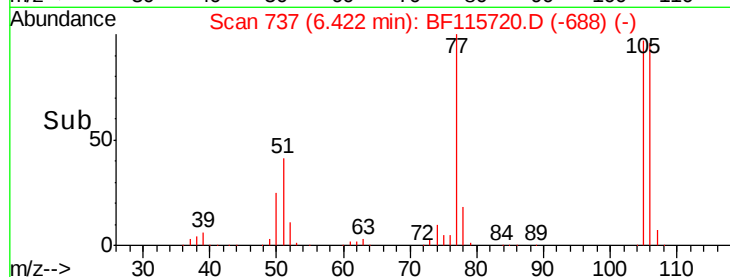
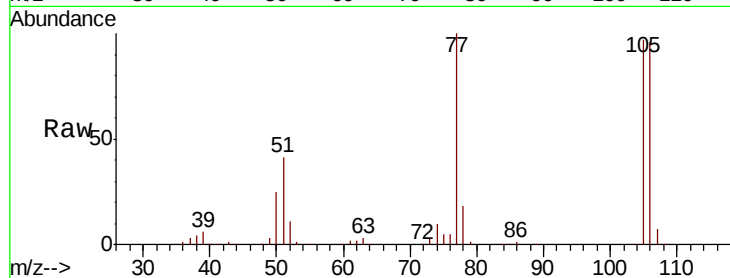
ClientSampleId :

PB121635BS

Tot Ion:	77	Resp:	135555
Ion	Ratio	Lower	Upper
77	100		
105	96.9	78.8	118.8
106	95.5	75.6	115.6

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#10

Phenol

Concen: 41.413 ng

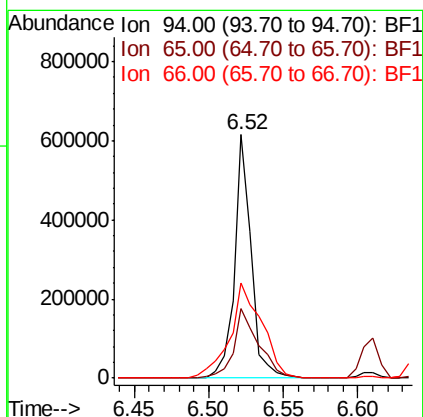
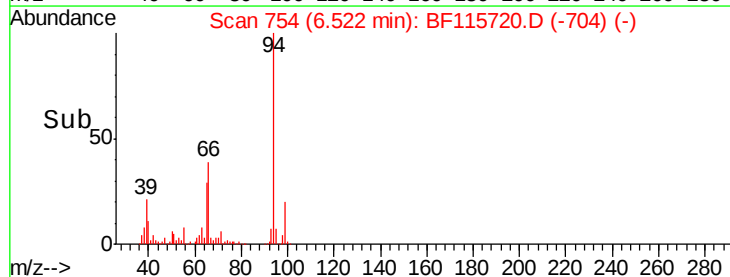
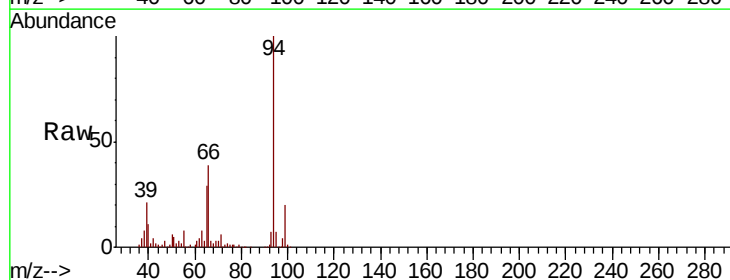
RT: 6.52 min Scan# 754

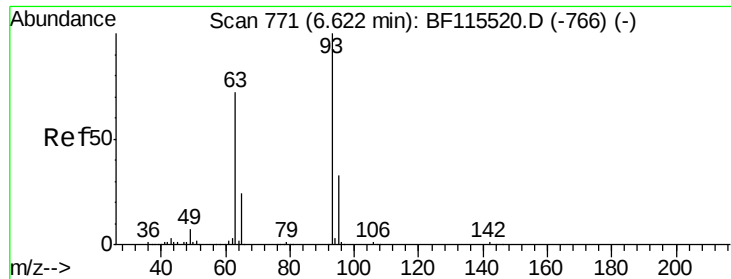
Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Tgt Ion:	94	Resp:	486848
Ion	Ratio	Lower	Upper
94	100		
65	28.7	14.5	54.5
66	39.2	31.3	71.3





#11

bis(2-Chloroethyl)ether

Concen: 39.804 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

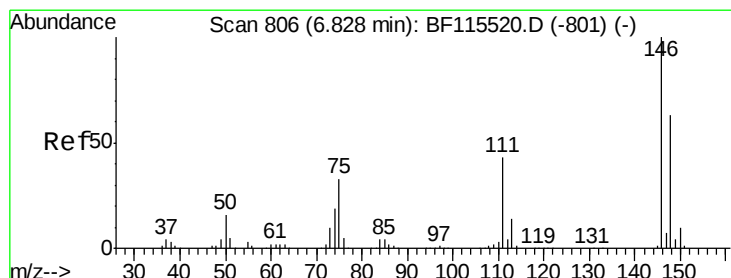
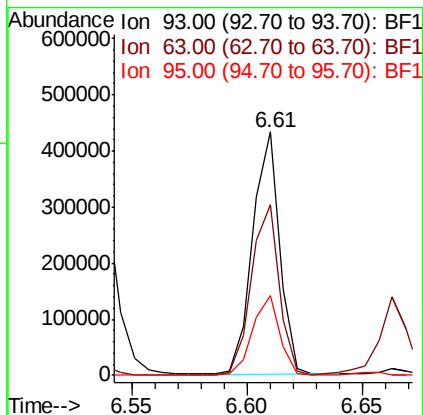
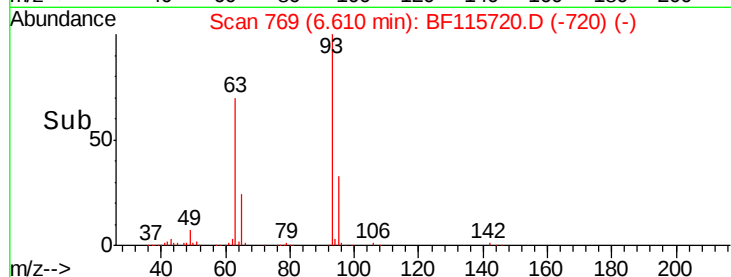
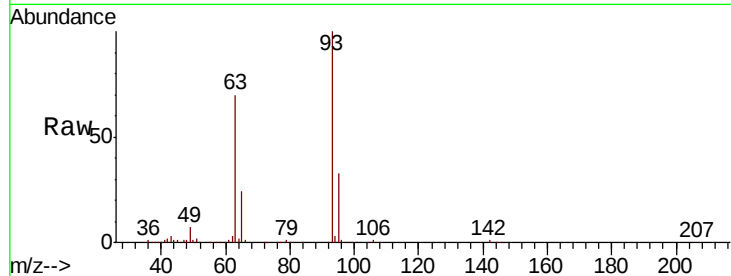
ClientSampleId :

PB121635BS

Tot Ion:	93	Resp:	356259
Ion Ratio	Lower	Upper	
93	100		
63	70.3	52.2	92.2
95	32.5	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 36.607 ng

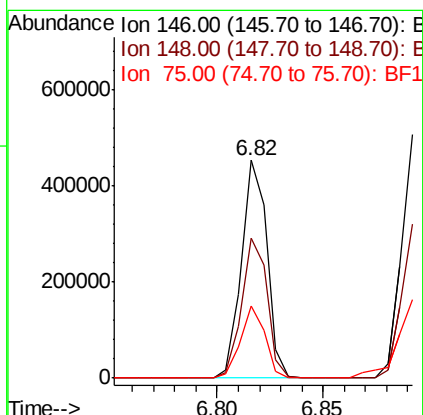
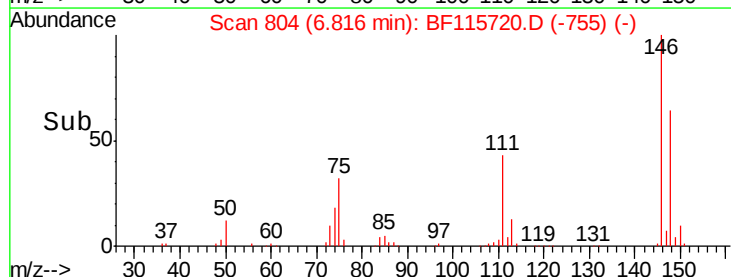
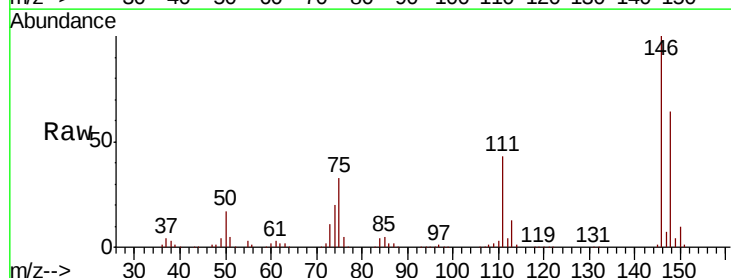
RT: 6.82 min Scan# 804

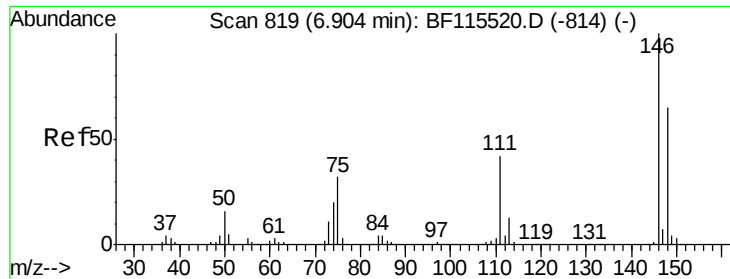
Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Tgt Ion:	146	Resp:	377661
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.1	78.1
75	33.3	24.9	37.3





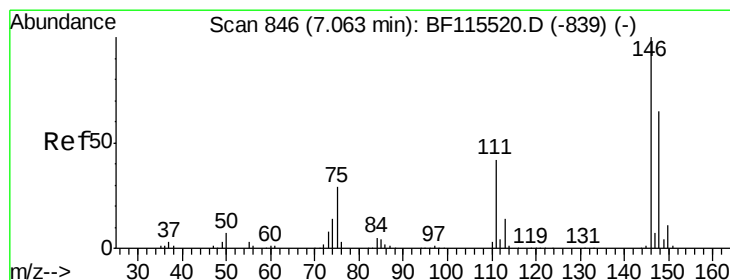
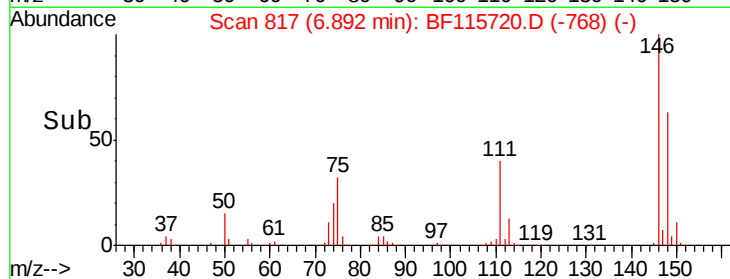
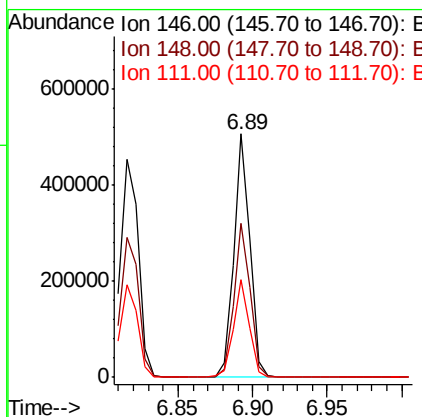
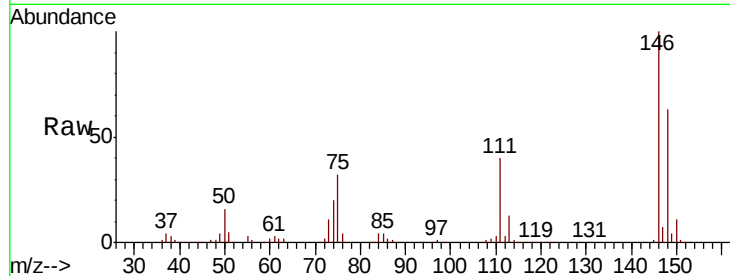
#13
1,4-Dichlorobenzene
Concen: 37.506 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	40.1	35.5	53.3

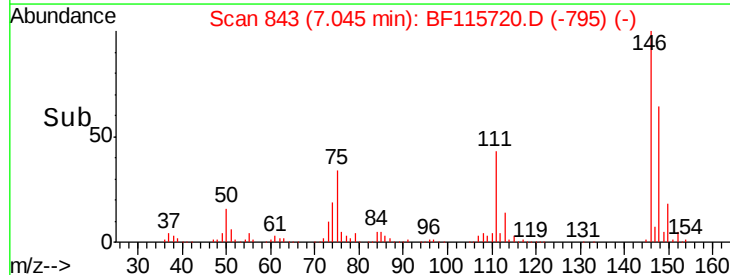
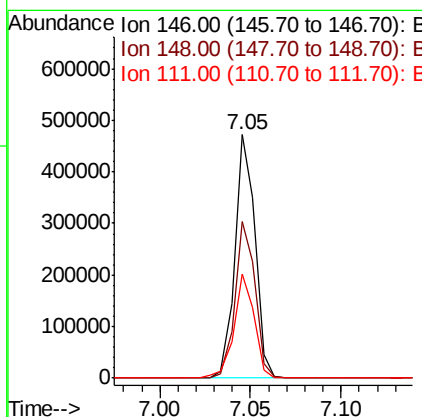
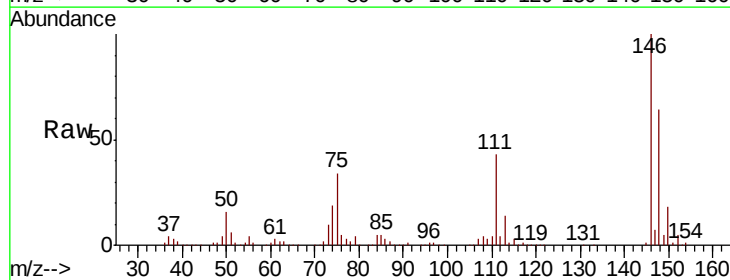
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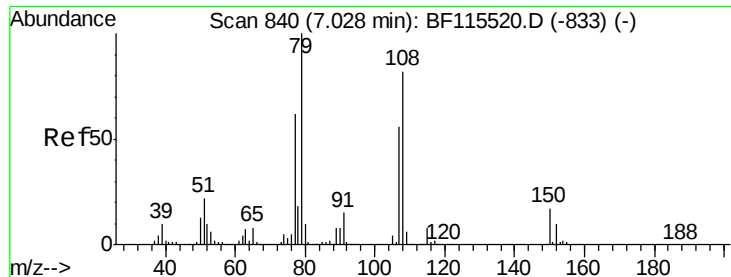
mohammad
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#14
1,2-Dichlorobenzene
Concen: 38.679 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	42.6	37.6	56.4





#15

Benzyl Alcohol

Concen: 40.050 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

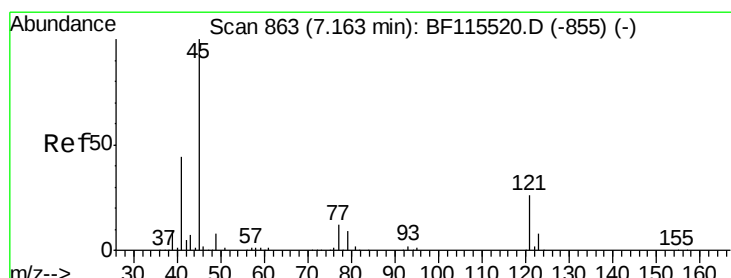
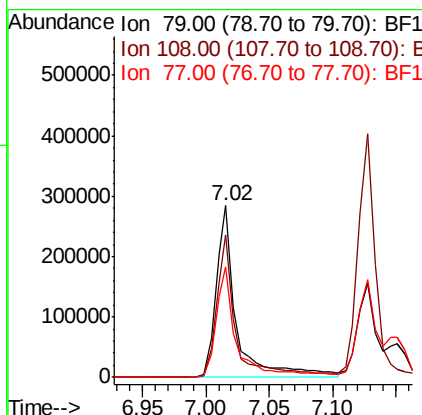
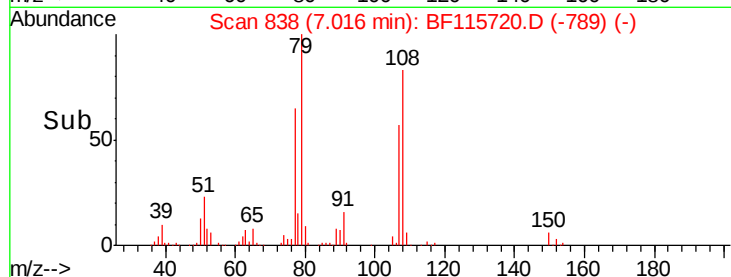
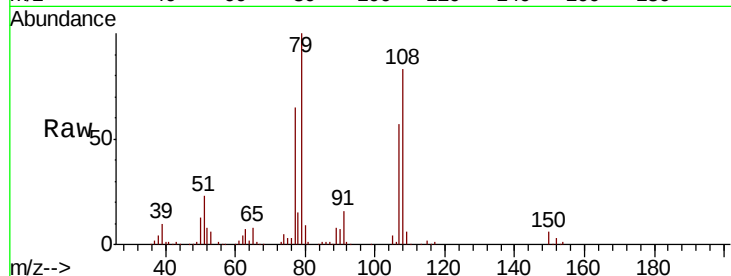
ClientSampleID :

PB121635BS

Tot Ion:	79	Resp:	321740
Ion Ratio	Lower	Upper	
79	100		
108	82.9	64.2	96.4
77	64.6	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.504 ng

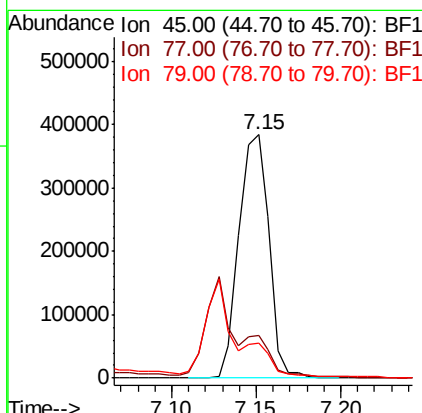
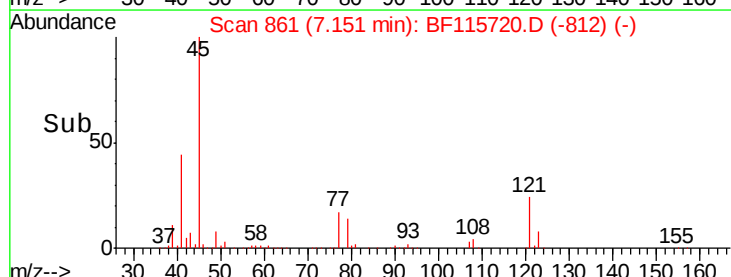
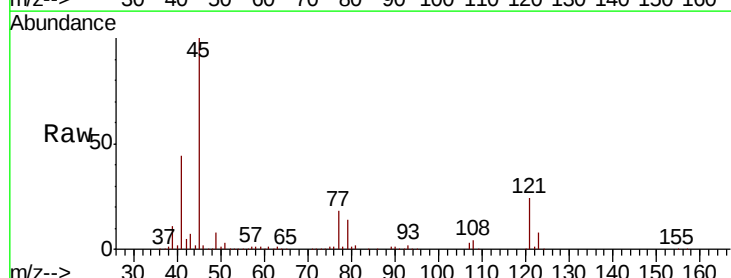
RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Tgt Ion:	45	Resp:	477280
Ion Ratio	Lower	Upper	
45	100		
77	17.5	0.0	38.1
79	14.3	0.0	34.1





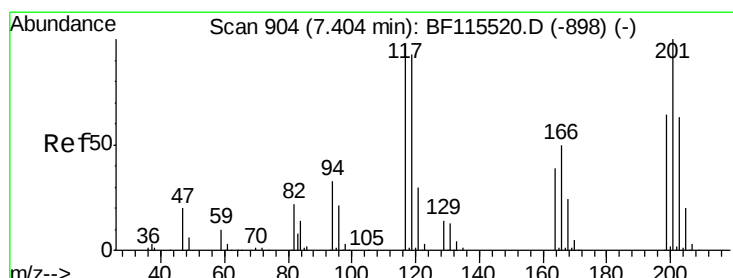
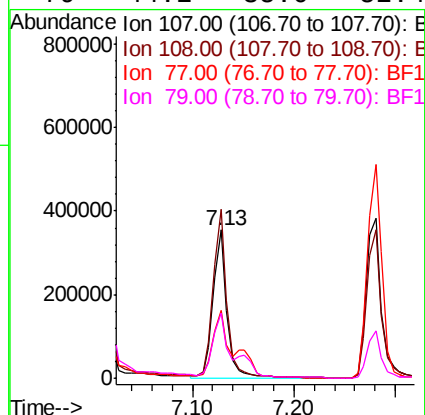
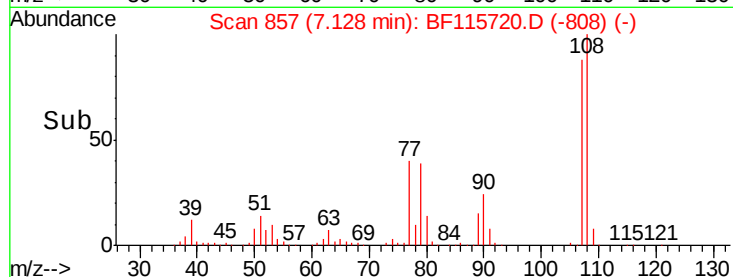
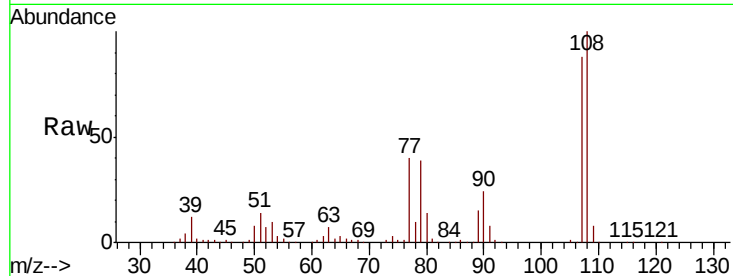
#17
2-Methylphenol
Concen: 42.870 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	89.4	134.2	
77	45.5	35.7	53.5	
79	44.2	35.0	52.4	

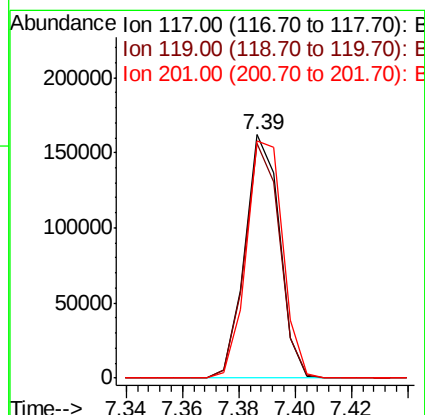
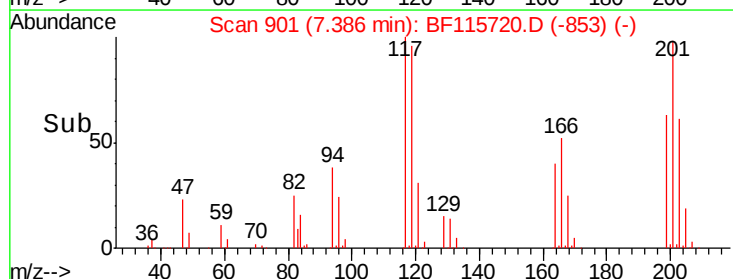
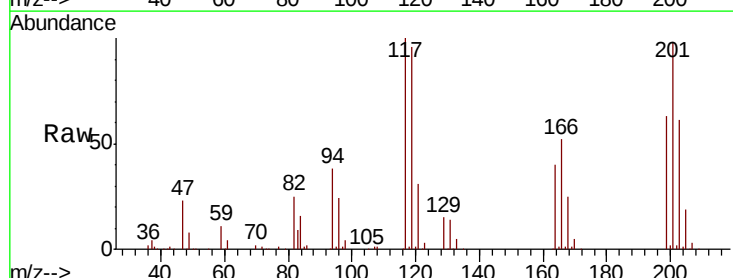
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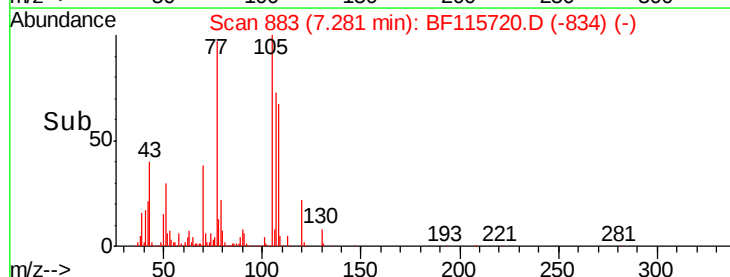
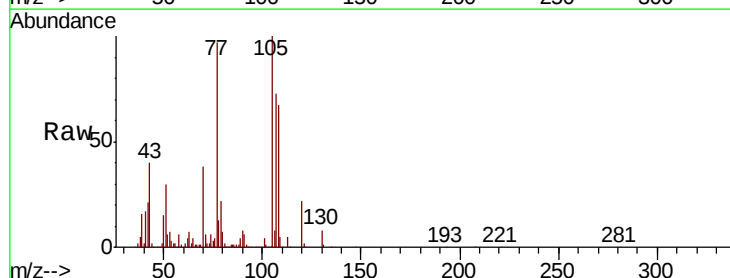
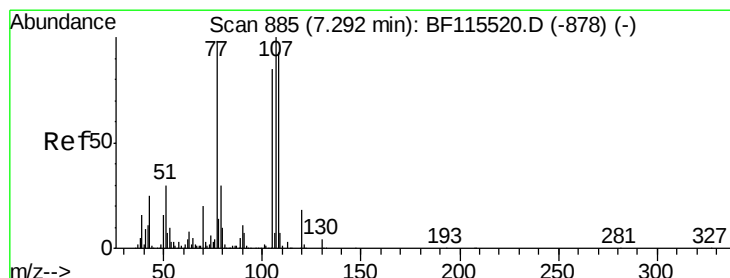
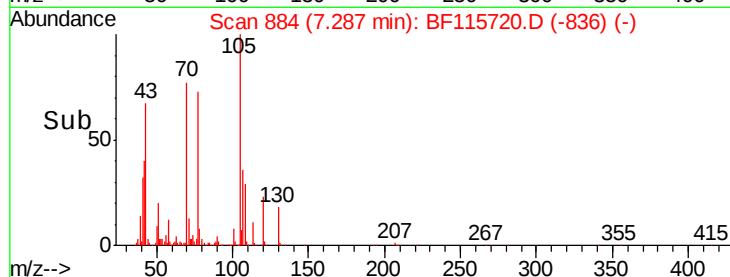
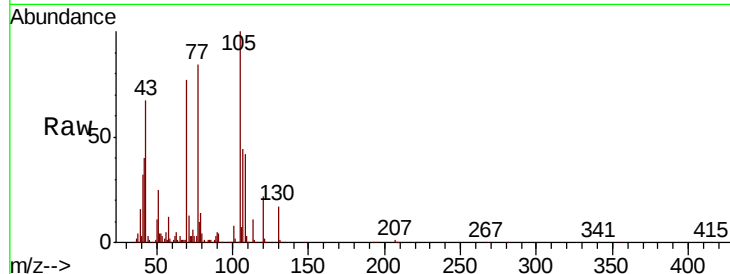
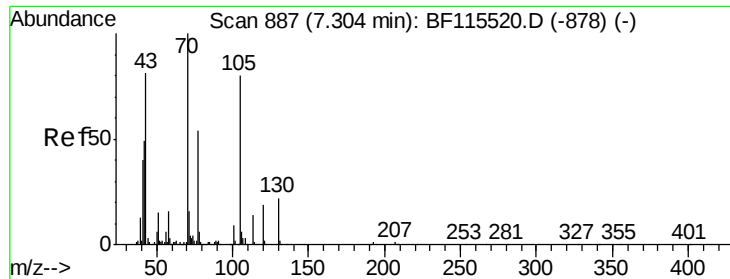
mohammad
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#18
Hexachloroethane
Concen: 36.087 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	77.7	116.5	
201	97.6	86.0	129.0	





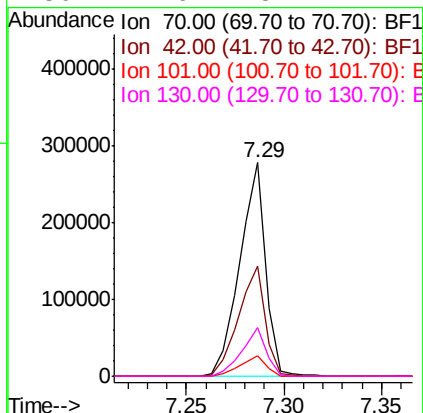
#19
n-Nitroso-di-n-propylamine
Concen: 38.625 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.8	39.6	59.4	
101	9.8	8.1	12.1	
130	22.6	18.2	27.2	

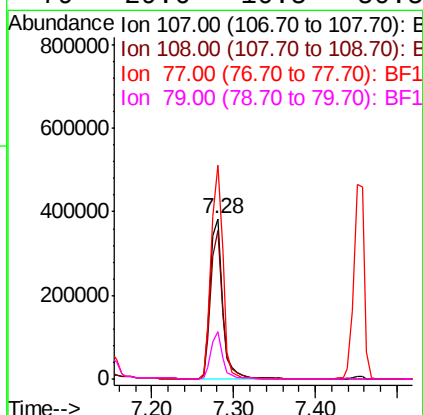
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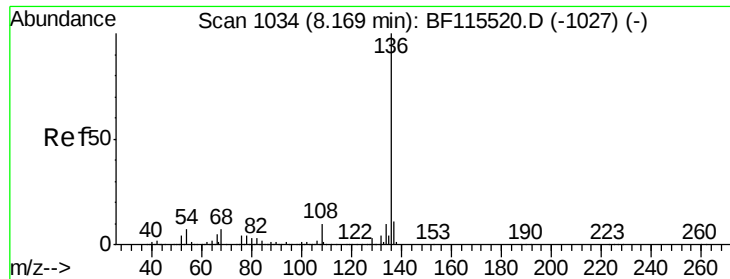
mohammad
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#20
3+4-Methylphenols
Concen: 42.863 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.3	72.9	112.9	
77	133.0	77.6	117.6#	
79	29.6	10.5	50.5	





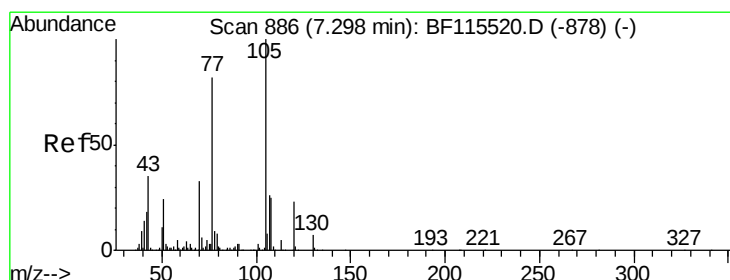
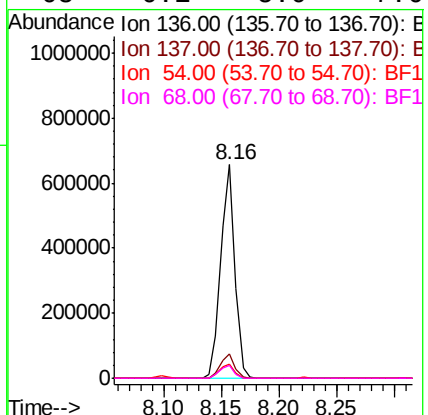
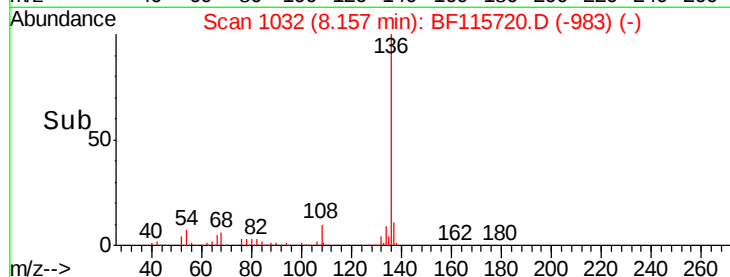
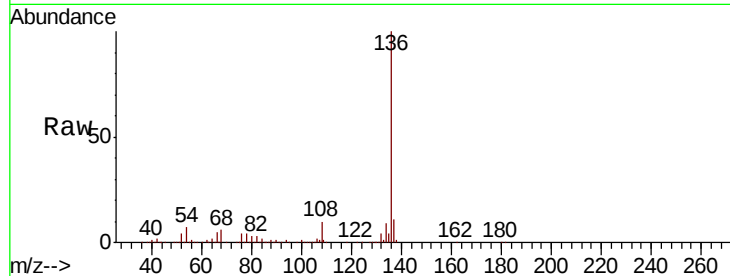
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.4	
54	6.8	5.6	8.4	
68	6.1	5.0	7.6	

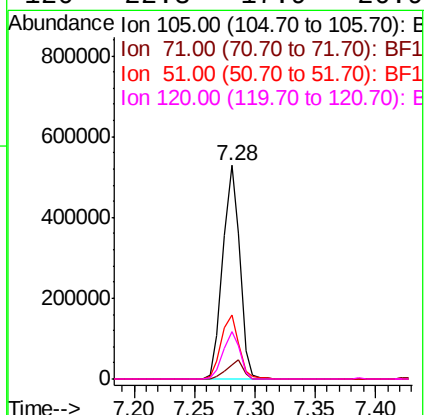
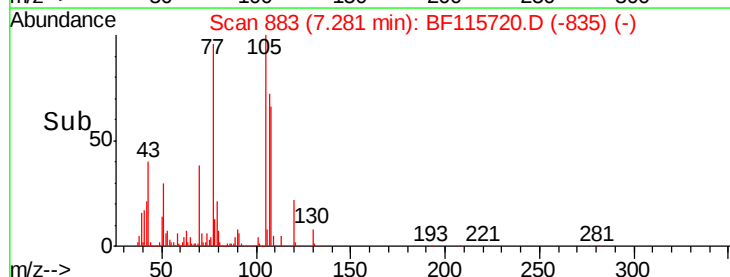
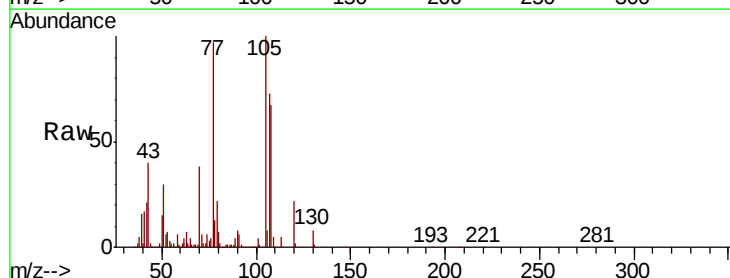
Manual Integrations
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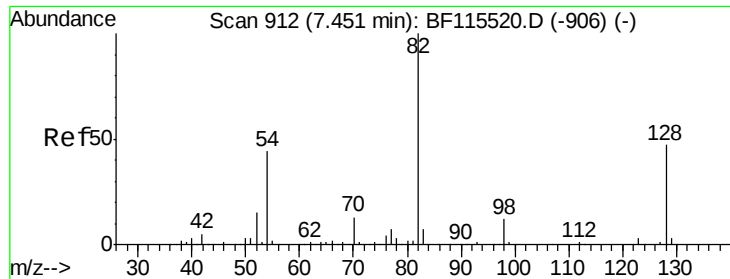
mohammad
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#22
Acetophenone
Concen: 40.490 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	3.5	5.3#	
51	30.1	25.6	38.4	
120	22.3	17.9	26.9	





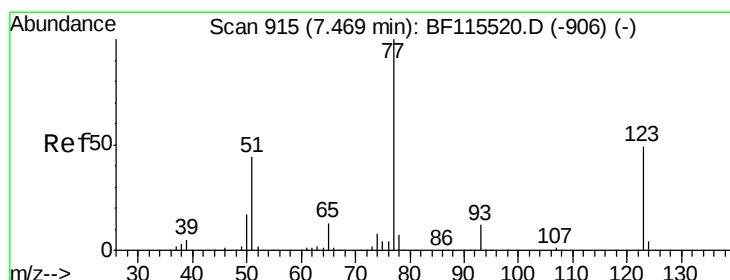
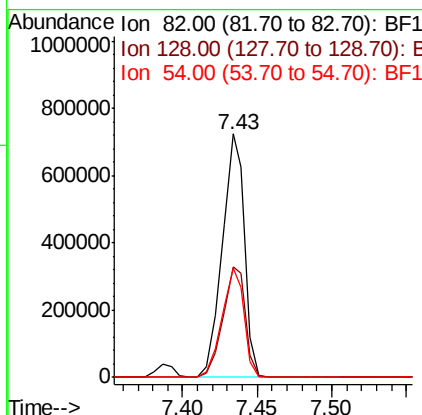
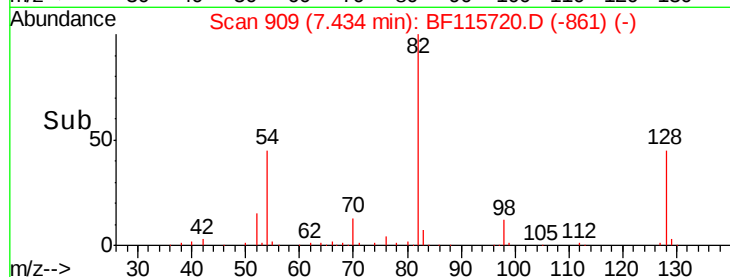
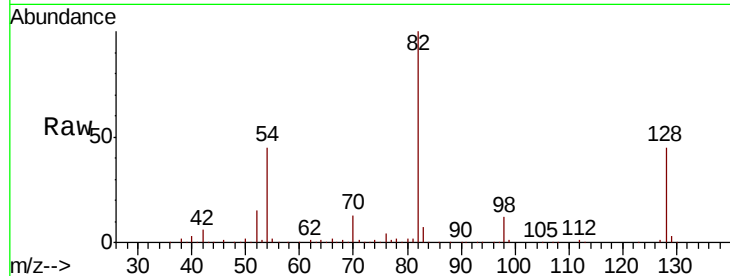
#23
Nitrobenzene-d5
Concen: 78.776 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleID :
PB121635BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	38.6	57.8
54	44.9	35.6	53.4

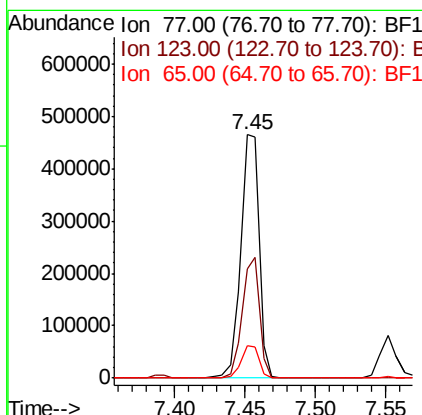
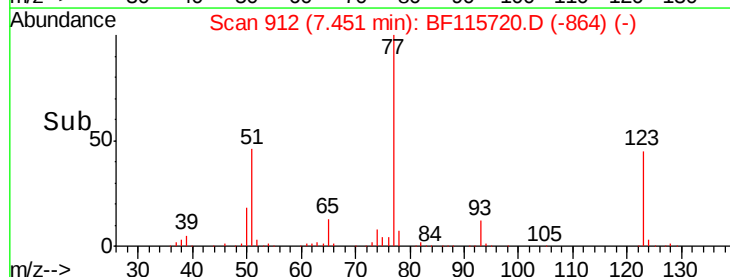
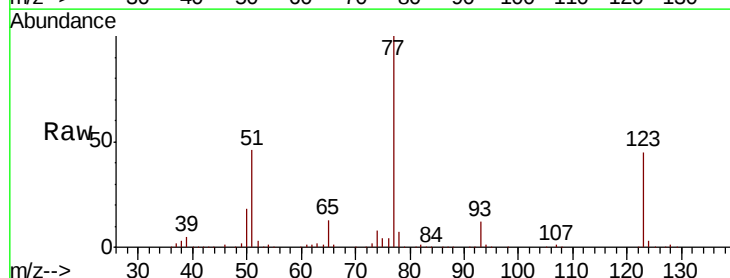
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#24
Nitrobenzene
Concen: 40.382 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	40.0	60.0
65	13.3	11.0	16.4





#25

Isophorone

Concen: 39.269 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

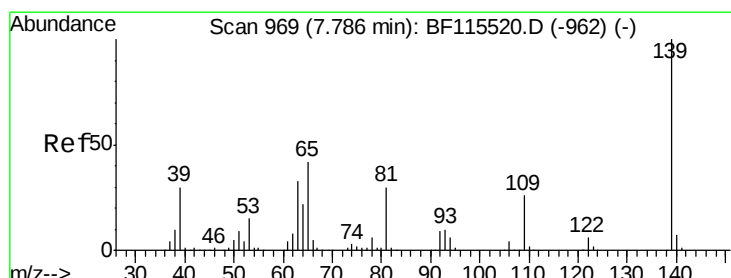
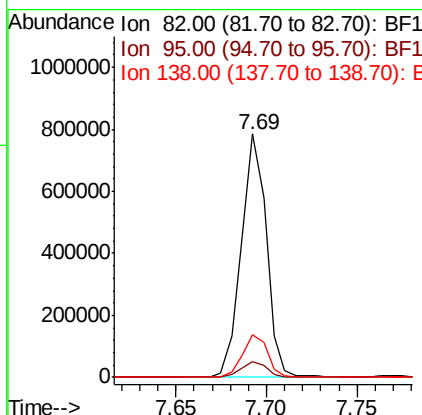
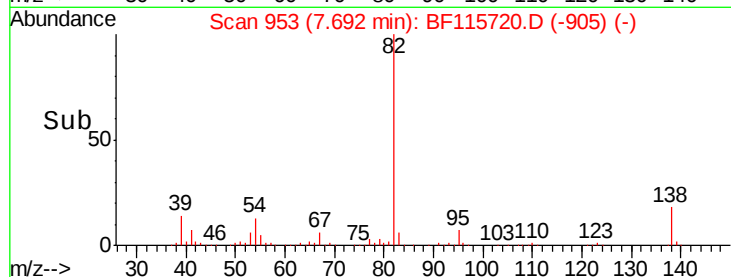
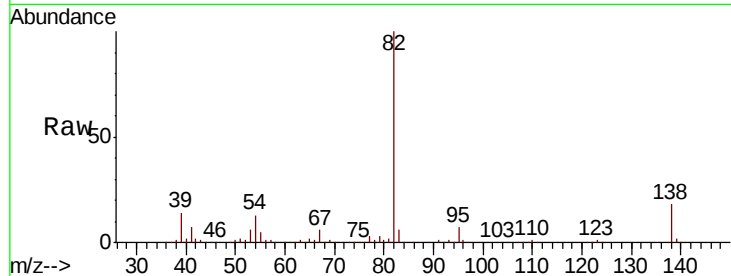
ClientSampleId :

PB121635BS

Tot Ion:	82	Resp:	757131
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	17.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.549 ng

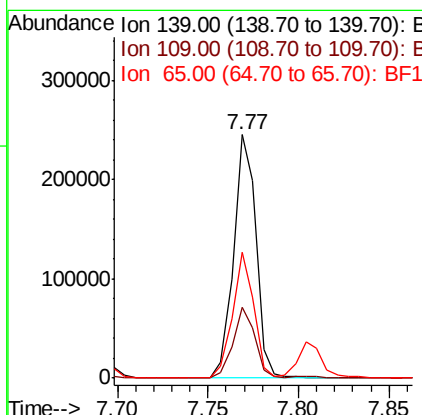
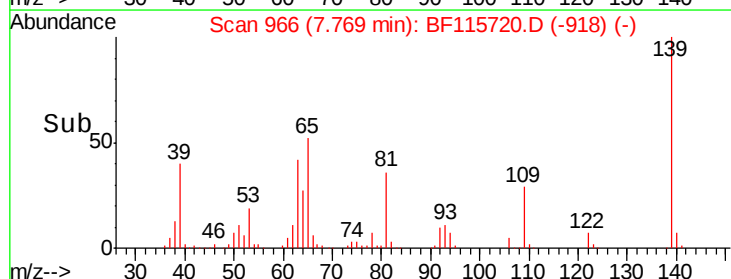
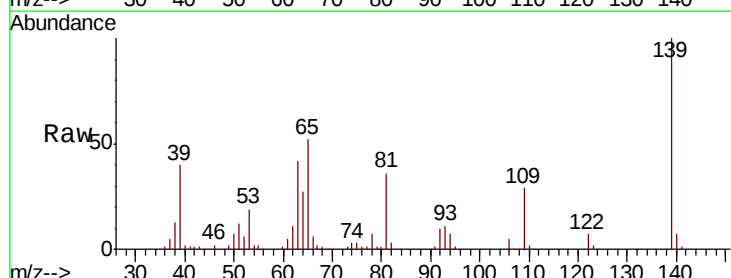
RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Tgt Ion:	139	Resp:	211561
Ion Ratio	Lower	Upper	
139	100		
109	29.1	23.3	34.9
65	51.6	37.9	56.9





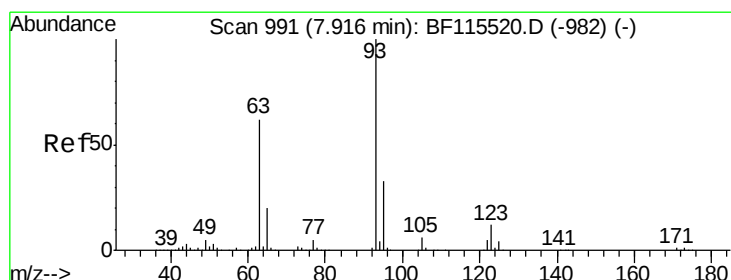
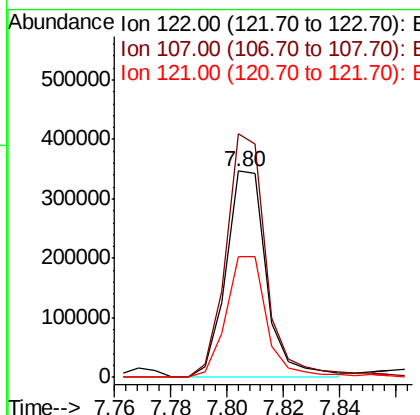
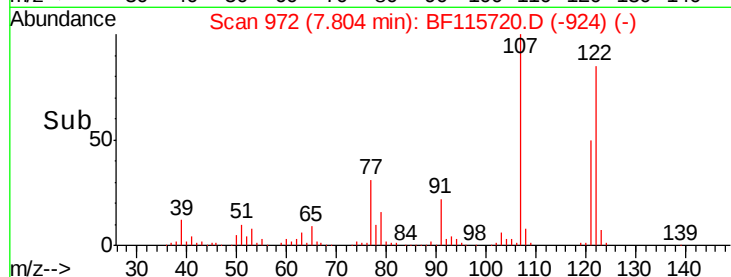
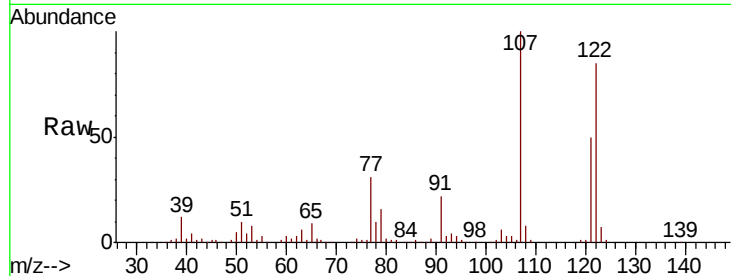
#27
2,4-Dimethylphenol
Concen: 43.339 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampled :
PB121635BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	346880		
107	118.2	92.9	139.3	
121	58.7	46.9	70.3	

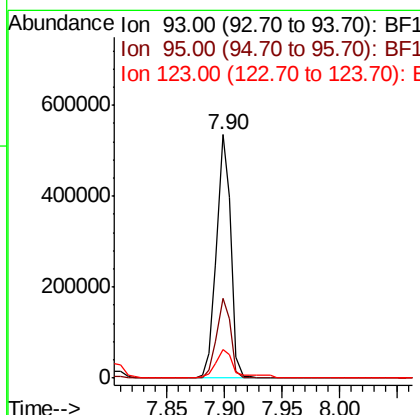
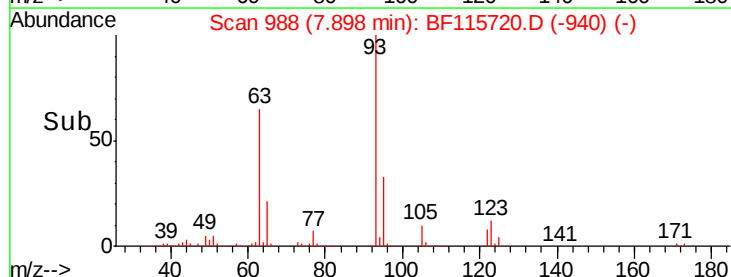
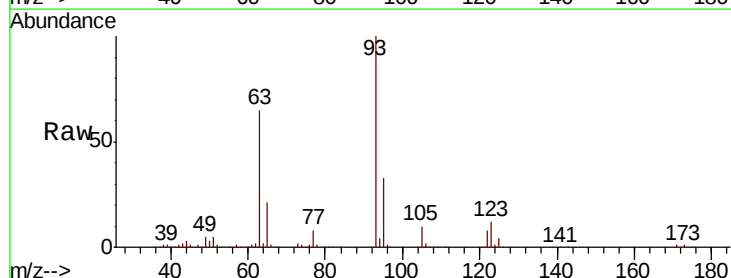
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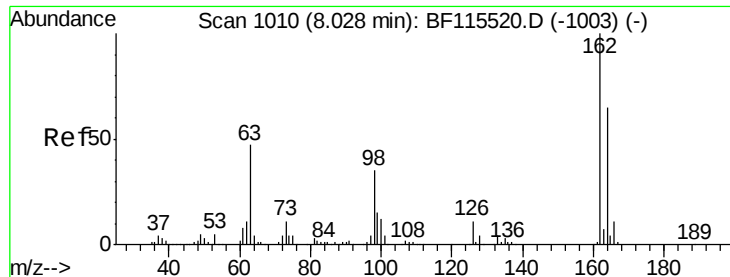
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#28
bis(2-Chloroethoxy)methane
Concen: 39.043 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	461811		
95	32.7	27.0	40.4	
123	12.0	9.9	14.9	





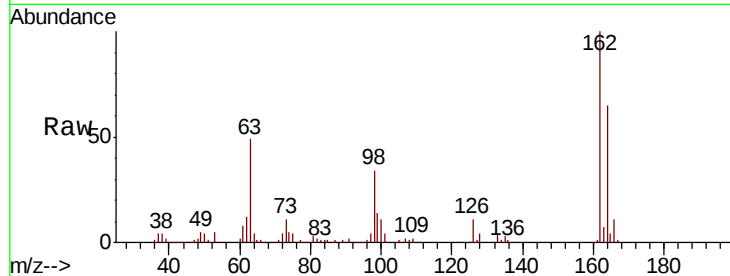
#29
 2,4-Dichlorophenol
 Concen: 41.473 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121635BS

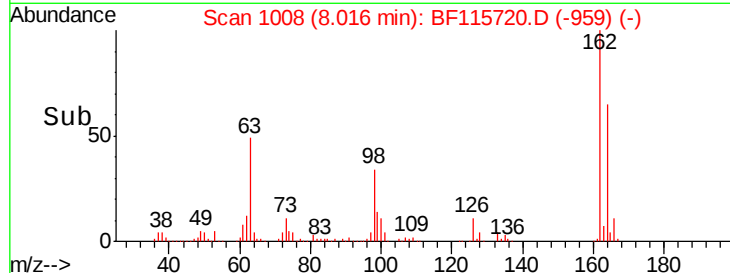
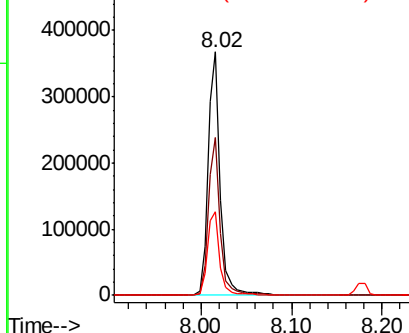
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.1	44.9	84.9	
98	34.1	17.7	57.7	

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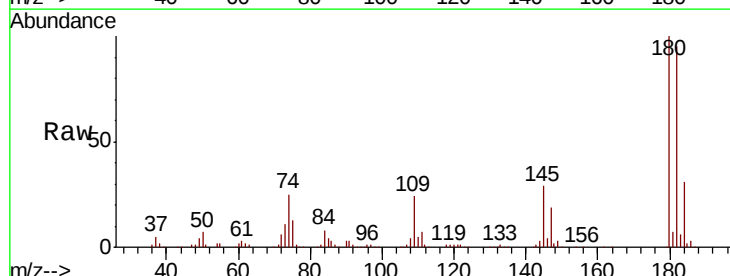
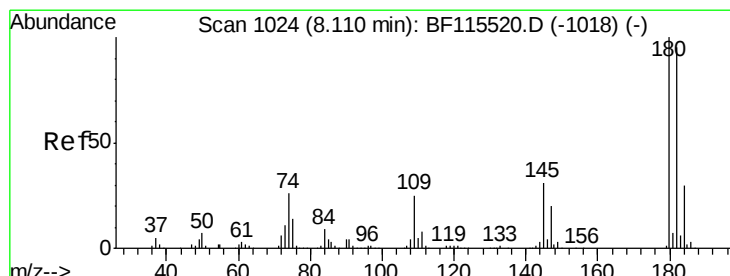
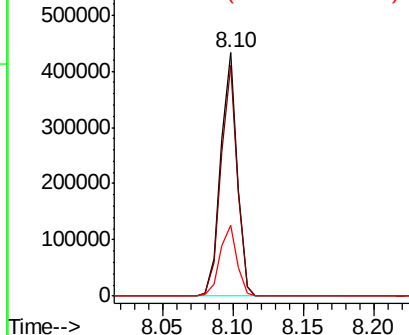
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

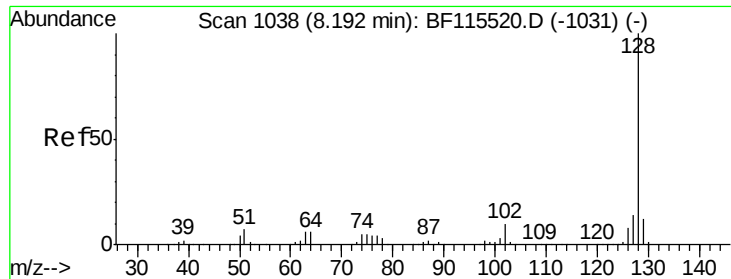


#30
 1,2,4-Trichlorobenzene
 Concen: 37.290 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.6	75.0	112.6	
145	29.1	25.1	37.7	

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.121 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

ClientSampleId :

PB121635BS

Tot Ion:128 Resp: 1088650

Ion Ratio Lower Upper

128 100

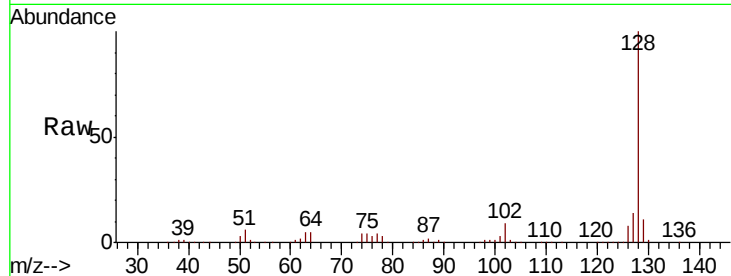
129 11.4 9.9 14.9

127 13.7 12.1 18.1

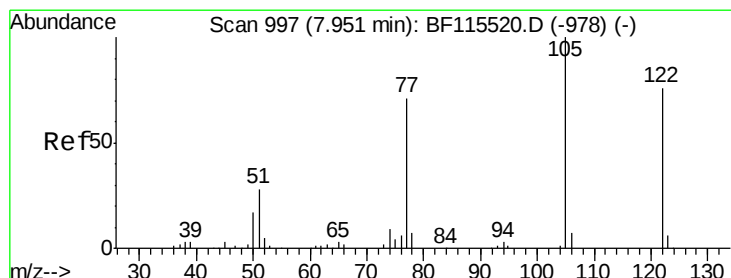
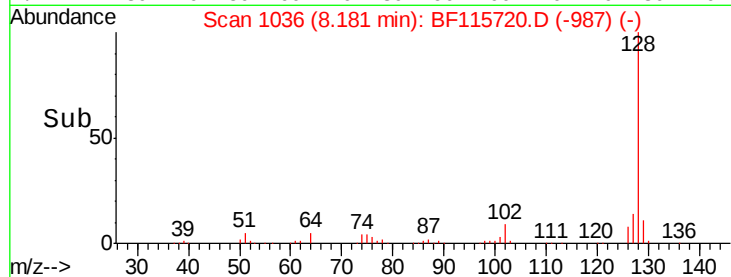
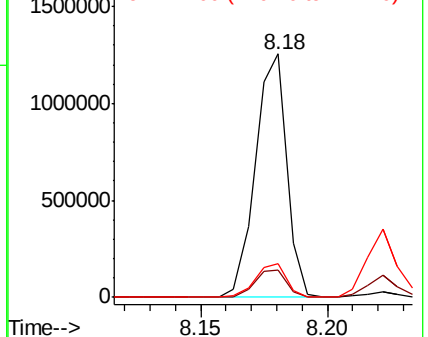
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.790 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

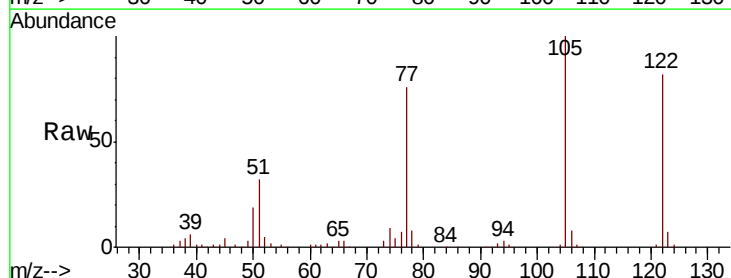
Tgt Ion:122 Resp: 274500

Ion Ratio Lower Upper

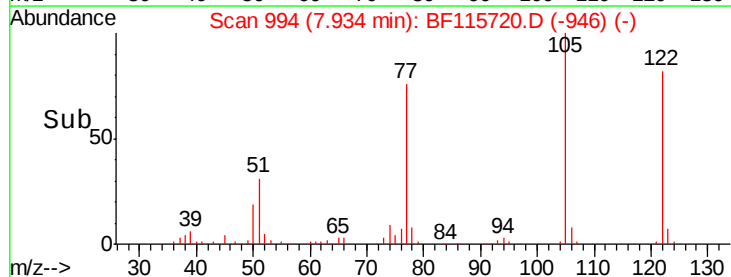
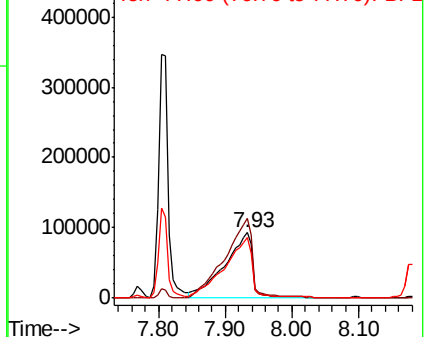
122 100

105 121.4 102.5 142.5

77 92.2 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





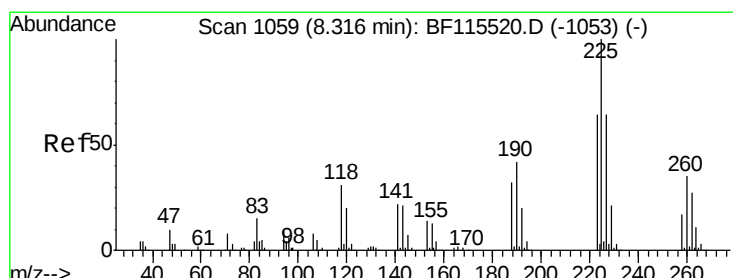
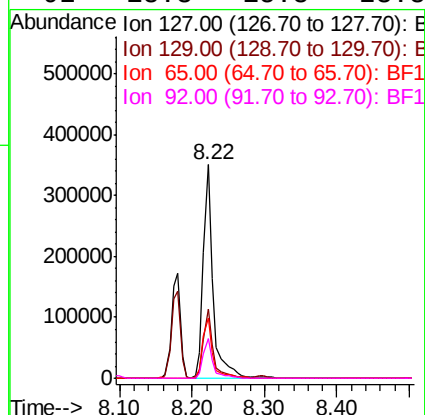
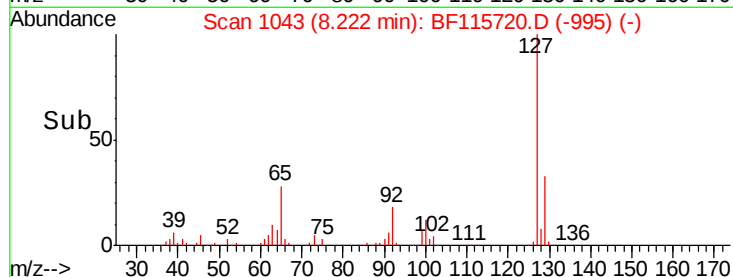
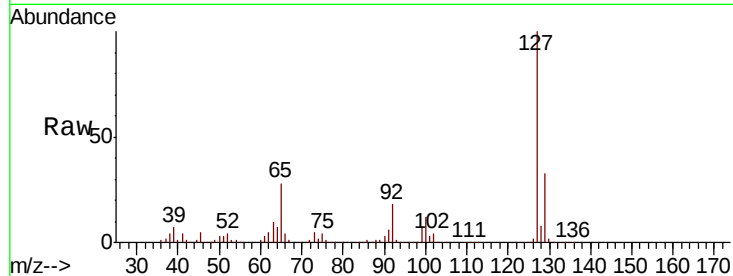
#33
4-Chloroaniline
Concen: 27.583 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.6	39.8		
65	28.2	23.7	35.5		
92	18.3	15.8	23.8		

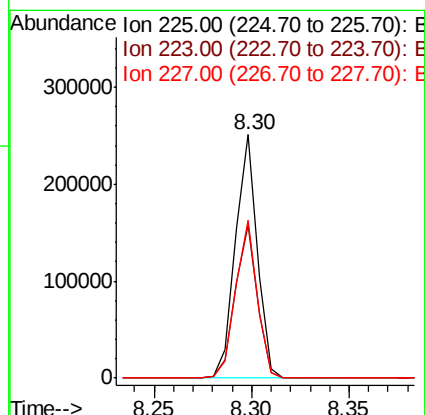
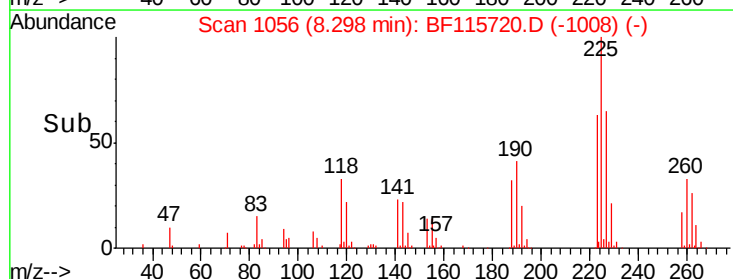
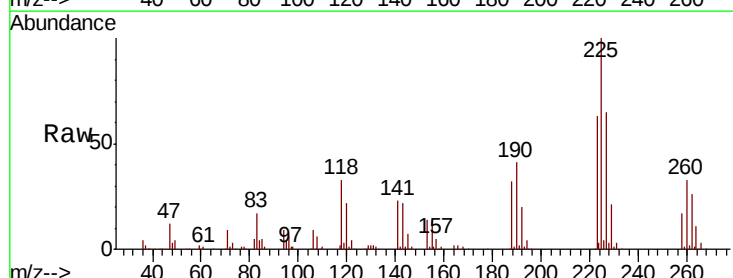
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#34
Hexachlorobutadiene
Concen: 36.072 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.9	76.3		
227	64.7	50.7	76.1		





#35

Caprolactam

Concen: 46.321 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. -0.03 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

ClientSampleID :

PB121635BS

Tot Ion: 113 Resp: 119148

Ion Ratio Lower Upper

113 100

55 158.2 126.9 166.9

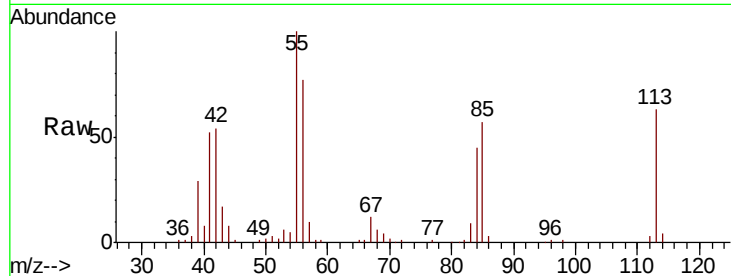
56 121.7 90.3 130.3

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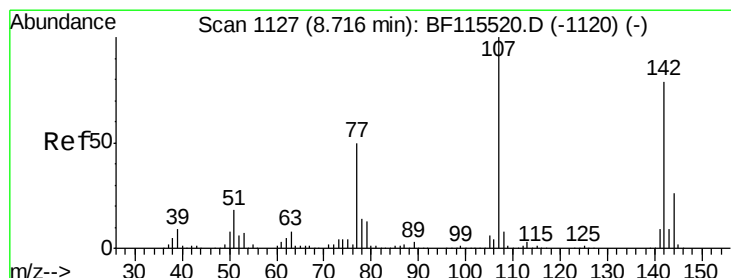
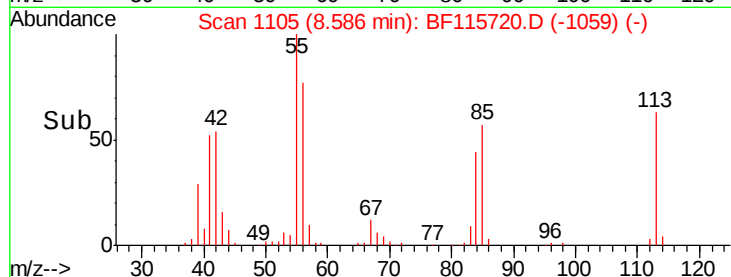
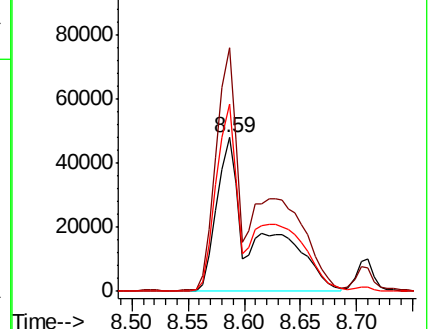
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.309 ng/mL

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

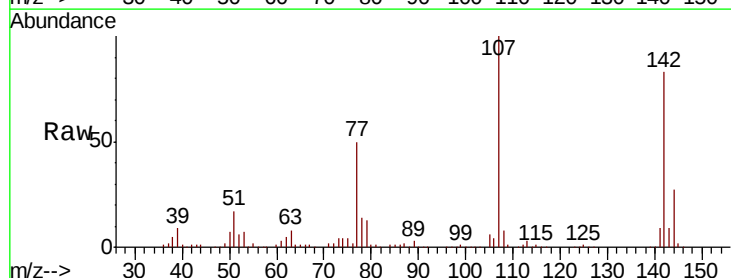
Tgt Ion: 107 Resp: 373950

Ion Ratio Lower Upper

107 100

144 26.9 20.6 30.8

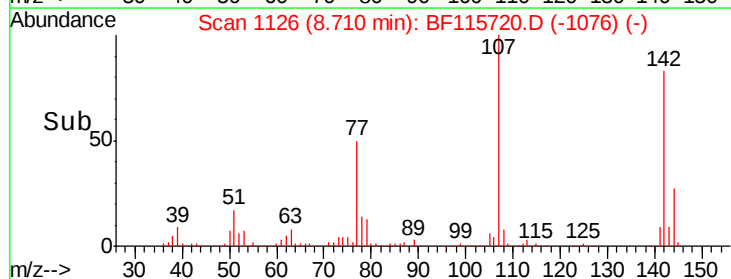
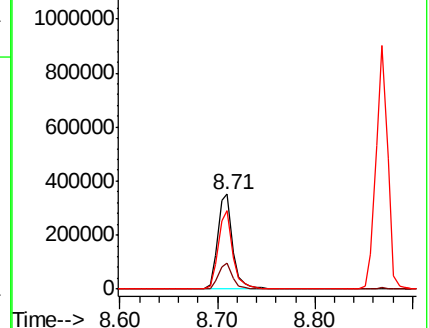
142 83.0 63.1 94.7



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





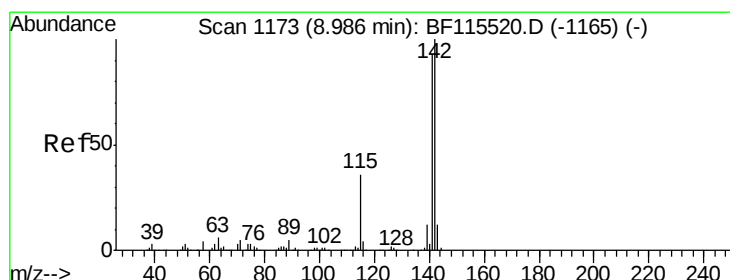
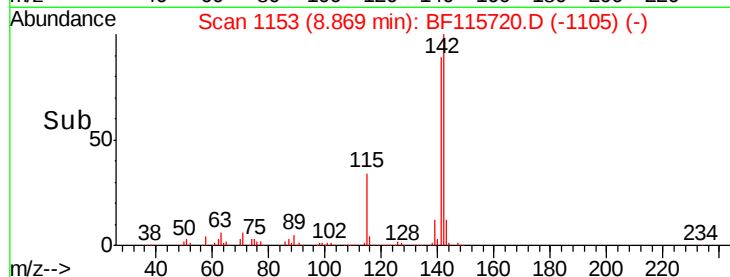
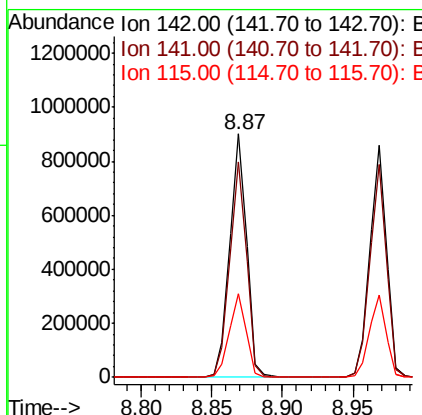
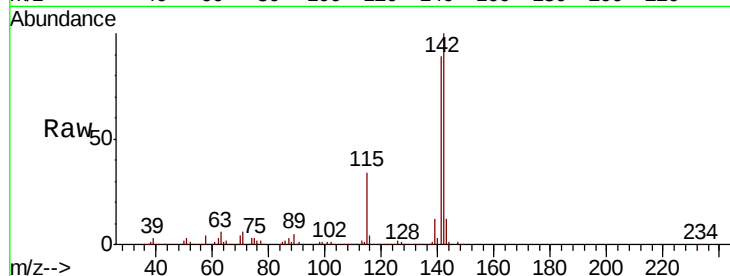
#37
2-Methylnaphthalene
Concen: 41.768 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.0	108.0
115	34.4	29.9	44.9

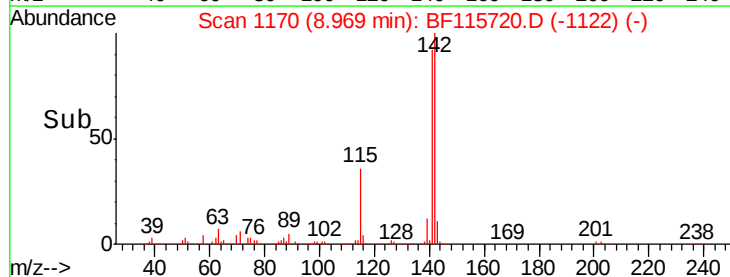
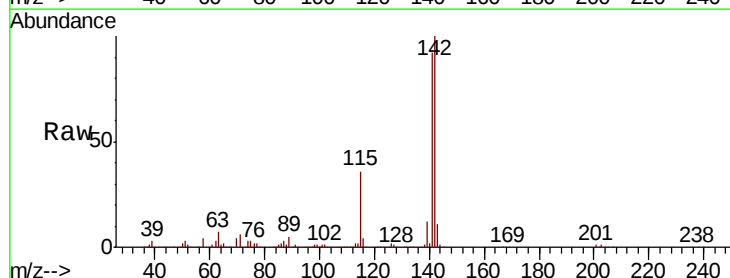
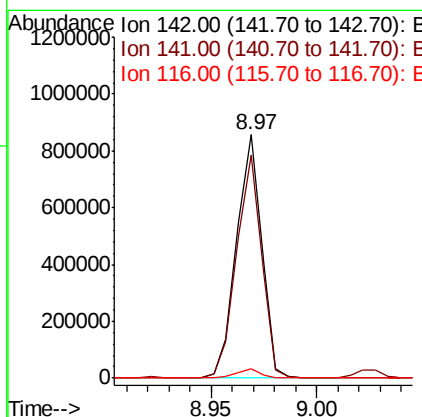
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#38
1-Methylnaphthalene
Concen: 41.222 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.3	112.9
116	3.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

ClientSampleId :

PB121635BS

Tot Ion:164 Resp: 300872

Ion Ratio Lower Upper

164 100

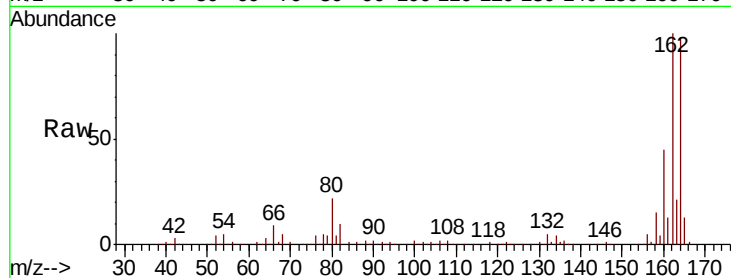
162 102.5 82.9 124.3

160 46.1 36.8 55.2

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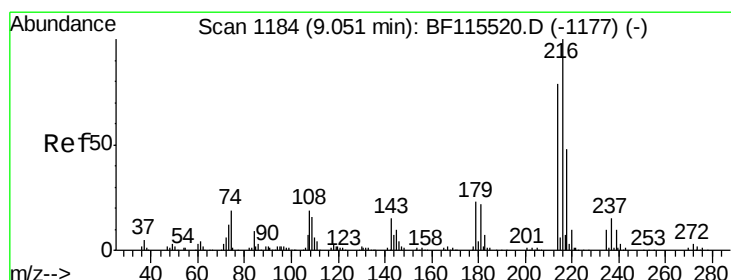
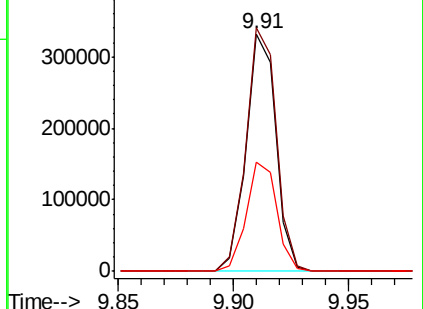
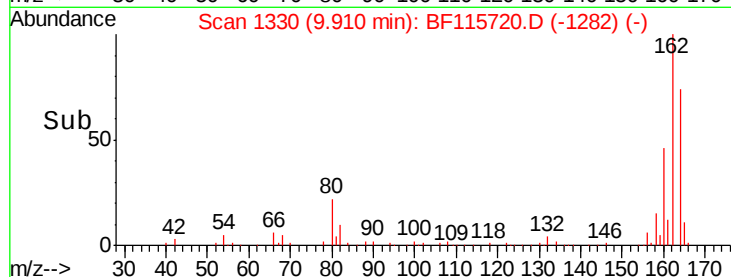
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.124 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Tgt Ion:216 Resp: 345413

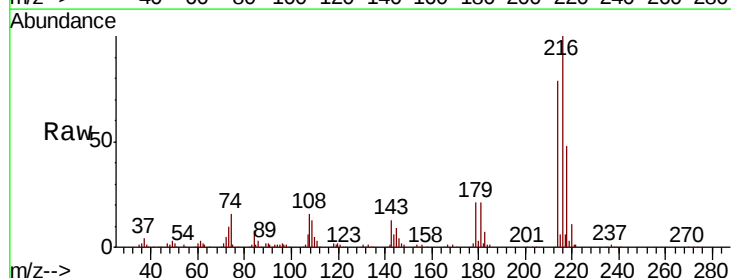
Ion Ratio Lower Upper

216 100

214 79.7 65.1 97.7

179 22.1 18.3 27.5

108 20.1 15.7 23.5

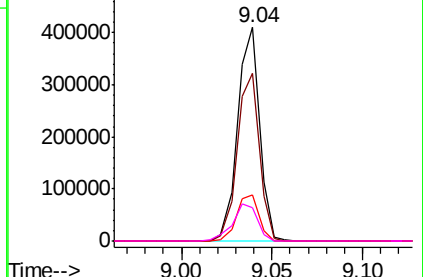
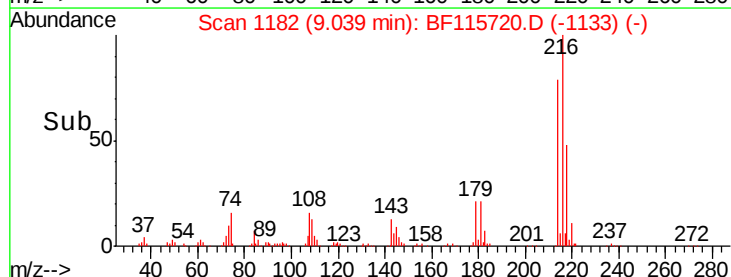


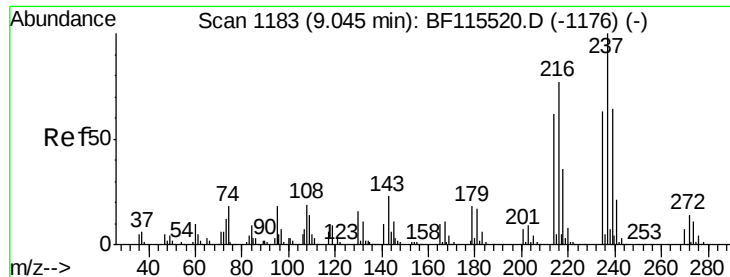
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.107 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

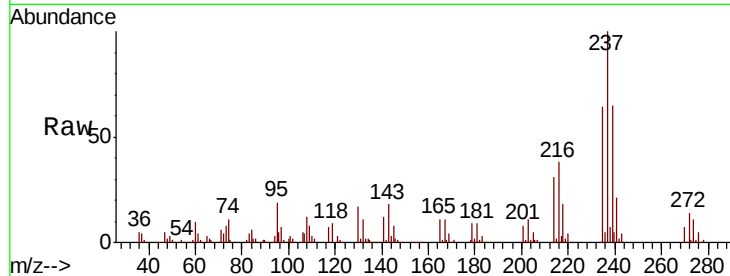
ClientSampleId :

PB121635BS

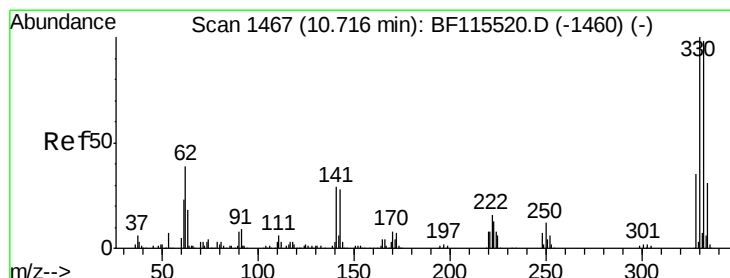
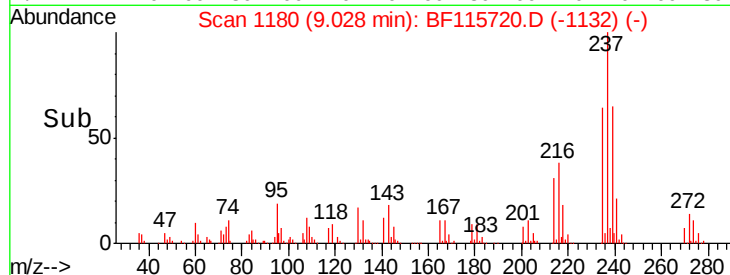
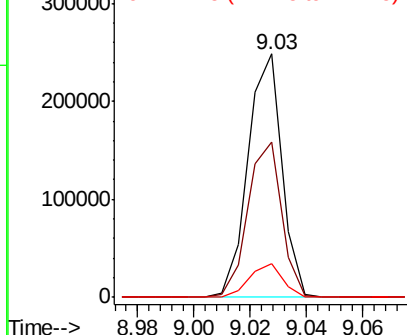
Tot Ion:	237	Resp:	207287
Ion Ratio	Lower	Upper	
237	100		
235	63.7	43.6	83.6
272	14.0	0.0	33.9

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 115.501 ng

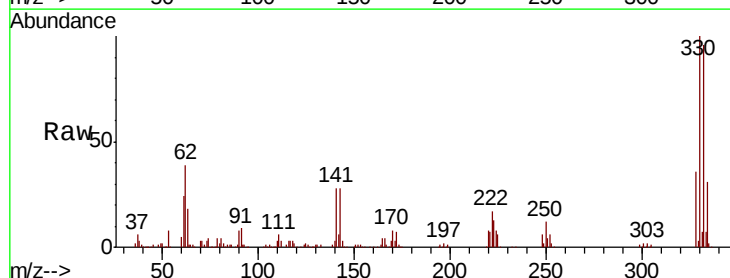
RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

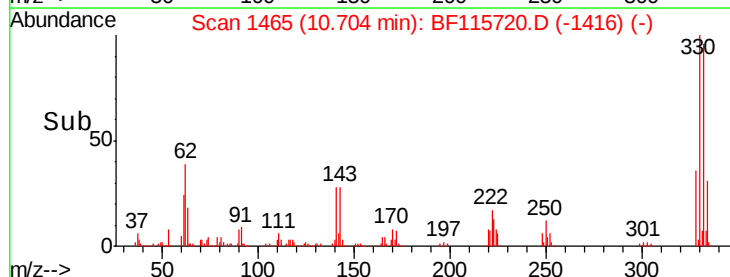
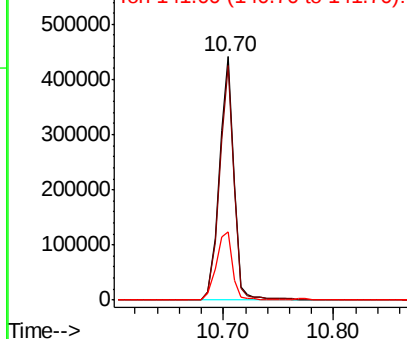
Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Tgt Ion:	330	Resp:	405628
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.4	116.2
141	31.4	22.4	33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





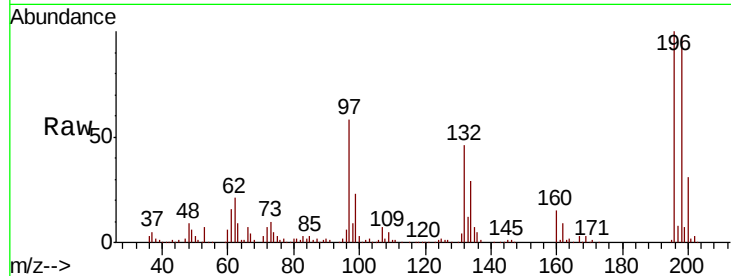
#43
 2,4,6-Trichlorophenol
 Concen: 36.896 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121635BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	244461		
198	96.9	80.6	121.0	
200	31.4	25.8	38.6	

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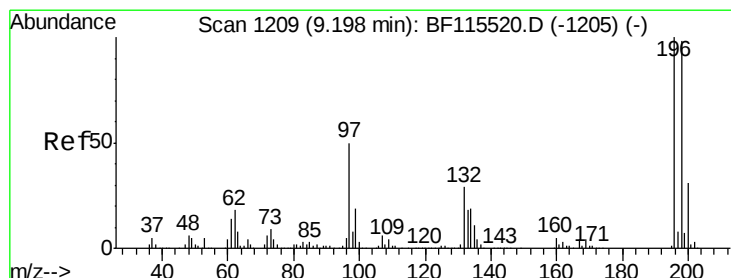
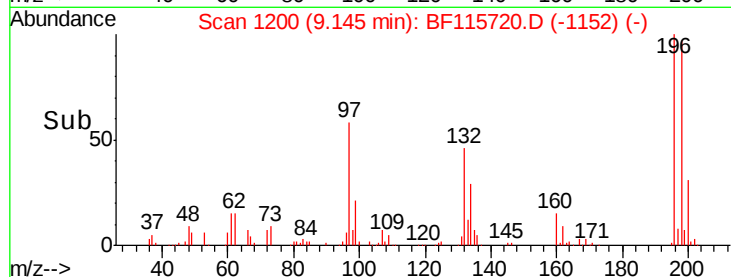
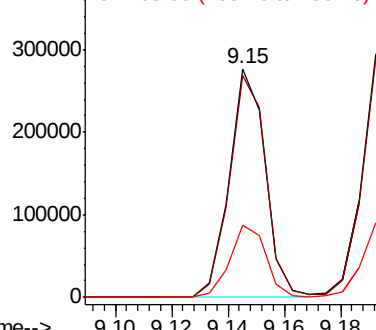


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.022 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	271569		
198	97.9	79.6	119.4	
97	52.8	37.8	56.6	
132	30.2	22.8	34.2	

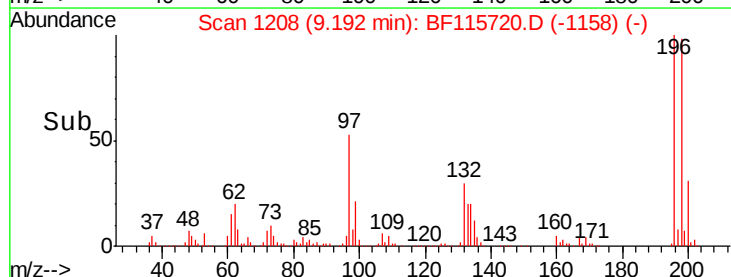
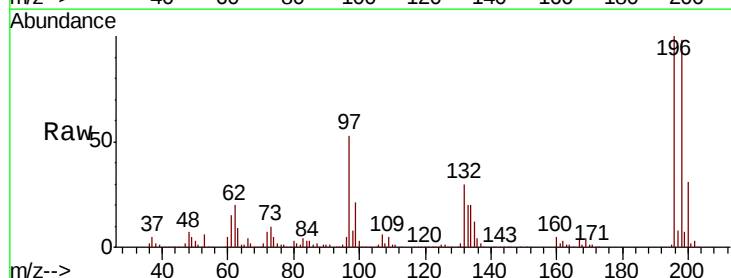
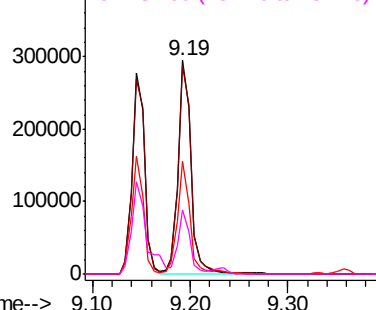
Abundance

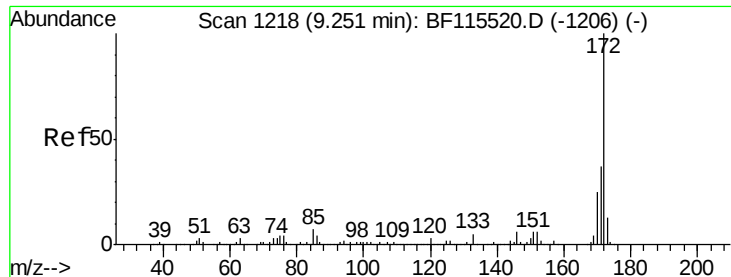
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





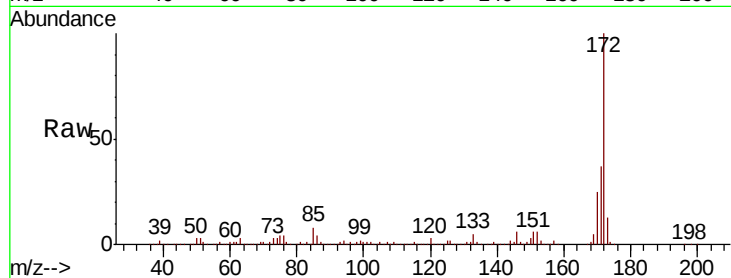
#45
2-Fluorobiphenyl
Concen: 81.467 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.7	30.6	46.0	
170	25.0	20.5	30.7	

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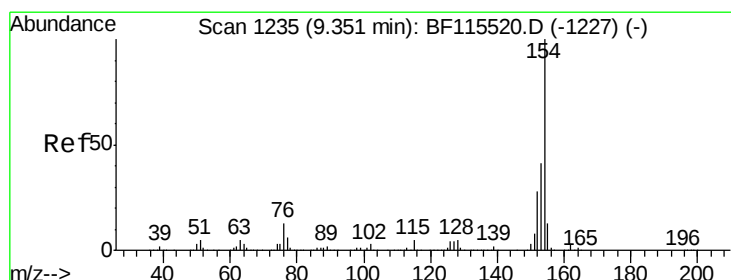
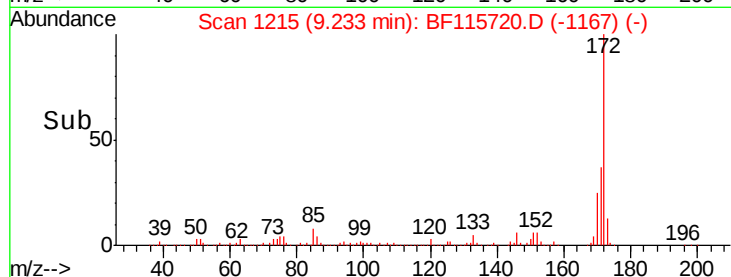
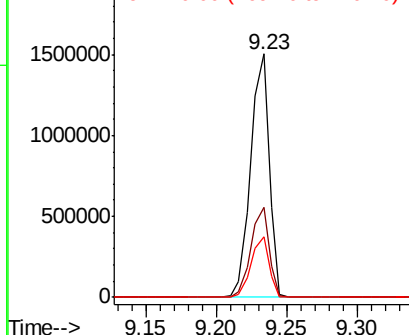


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.295 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

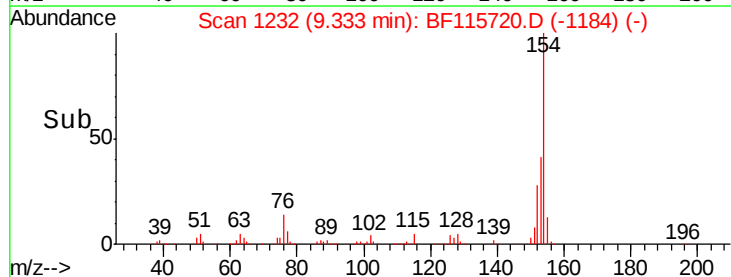
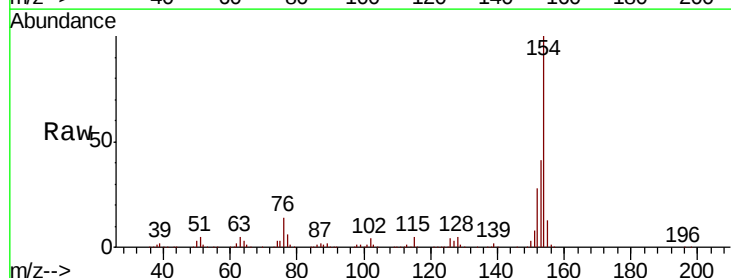
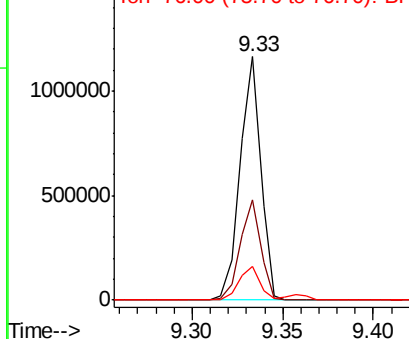
Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.2	22.6	62.6	
76	13.6	0.0	33.4	

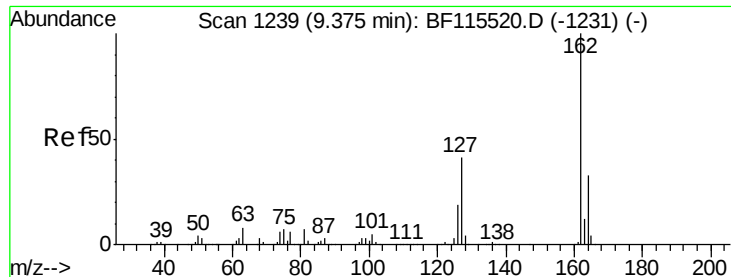
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





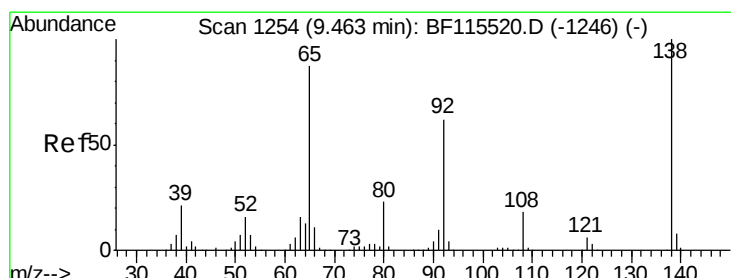
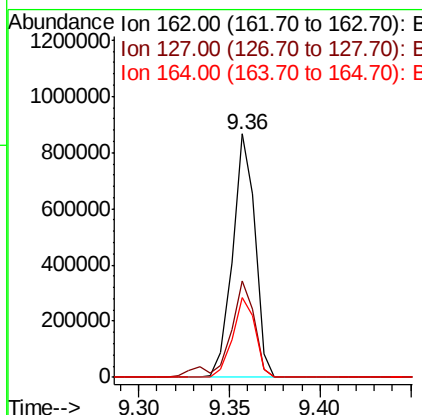
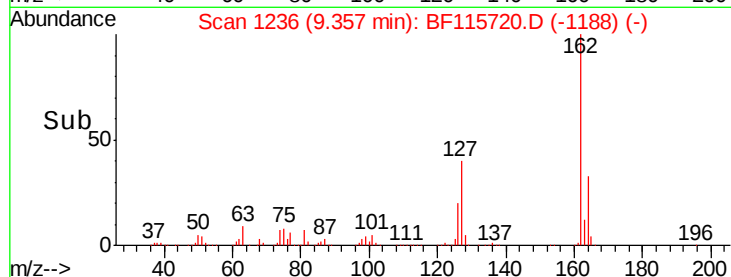
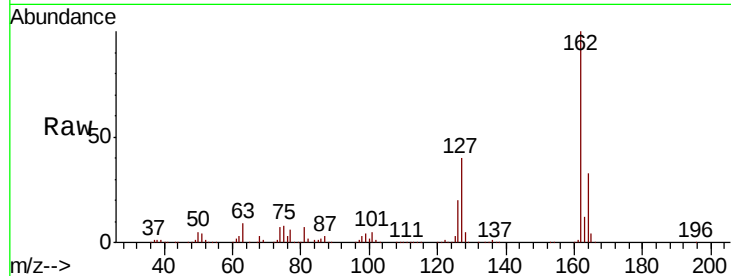
#47
2-Chloronaphthalene
Concen: 38.052 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.7	34.1	51.1	
164	32.7	27.4	41.2	

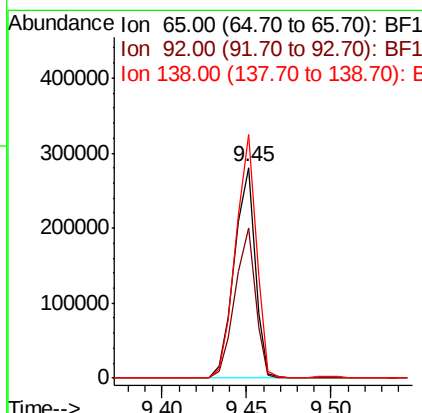
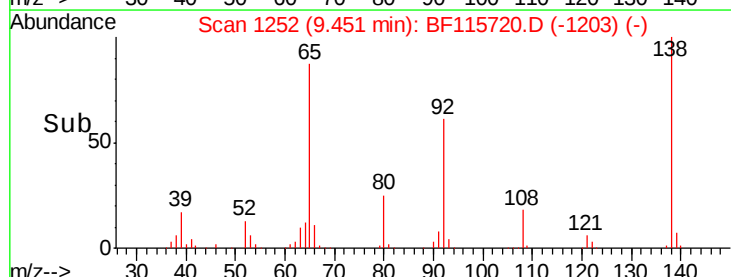
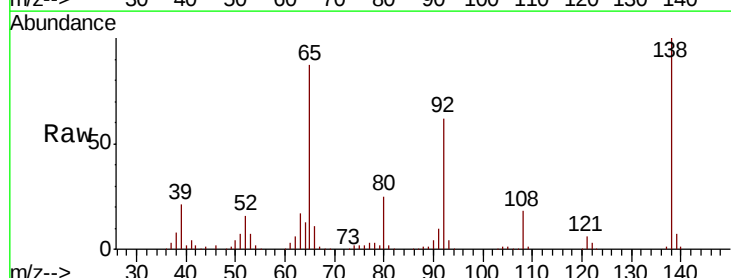
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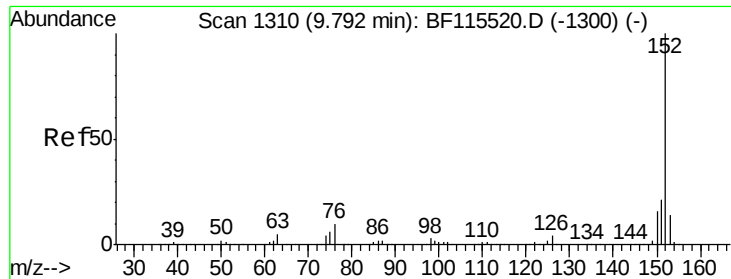
mohammad
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#48
2-Nitroaniline
Concen: 39.950 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.3	57.8	86.6	
138	115.6	91.2	136.8	





#49

Acenaphthylene

Concen: 39.268 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

ClientSampleId :

PB121635BS

Tot Ion:152 Resp: 1139583

Ion Ratio Lower Upper

152 100

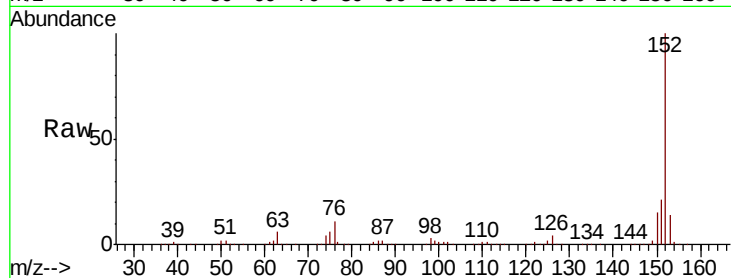
151 20.9 17.7 26.5

153 14.3 12.0 18.0

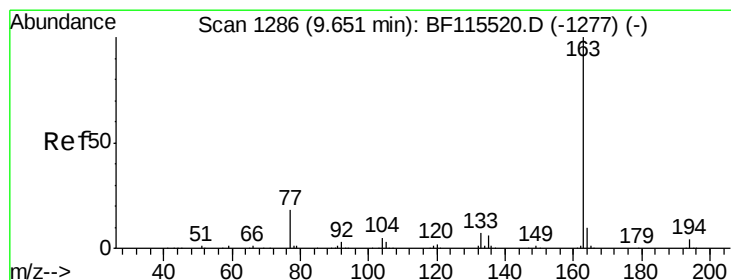
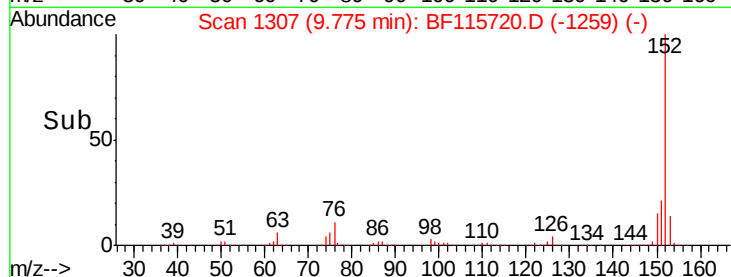
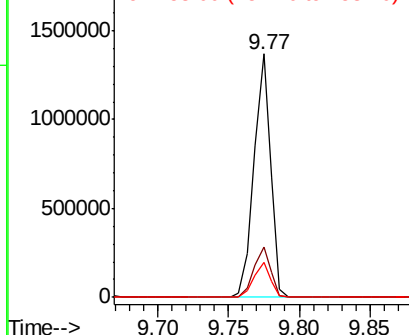
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.345 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

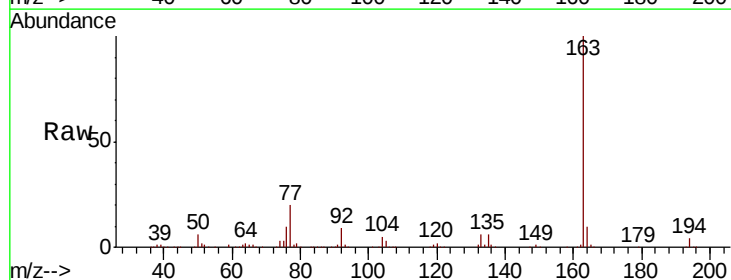
Tgt Ion:163 Resp: 890639

Ion Ratio Lower Upper

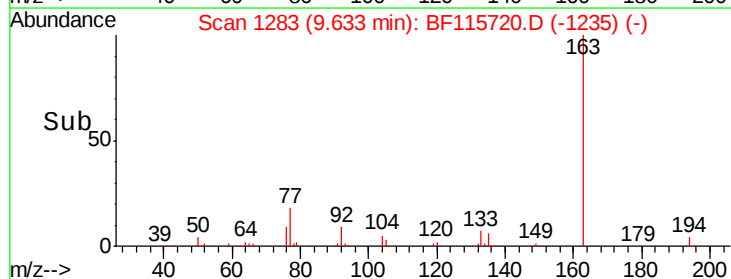
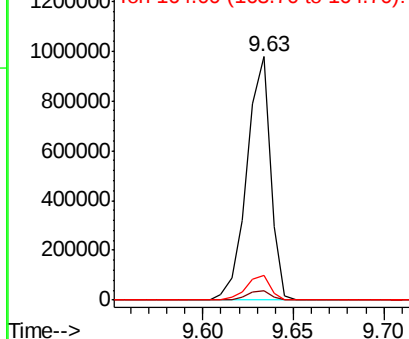
163 100

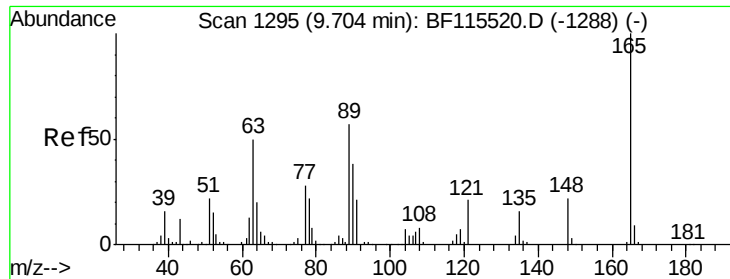
194 4.0 3.3 4.9

164 10.3 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





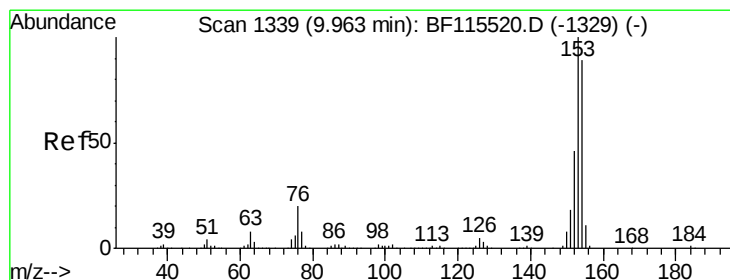
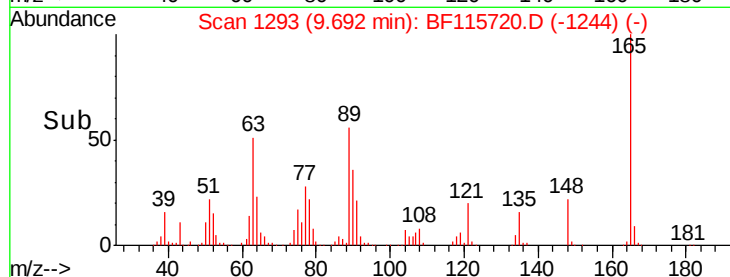
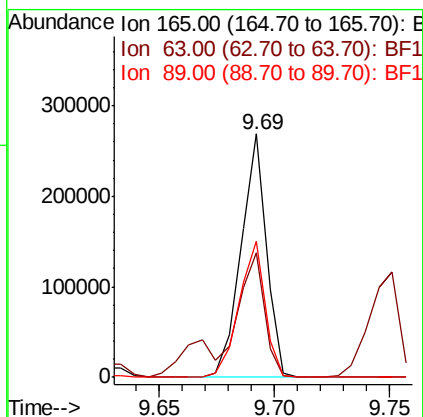
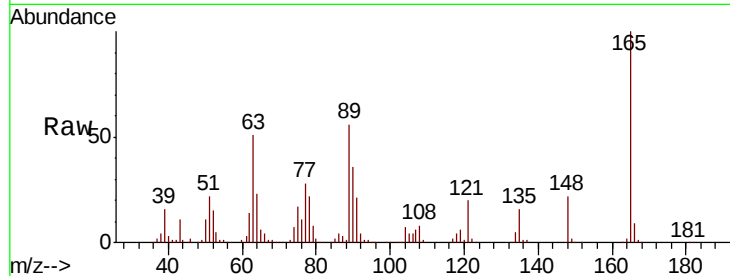
#51
2,6-Dinitrotoluene
Concen: 40.233 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	206973		
63	51.2		40.6	61.0
89	55.7		43.9	65.9

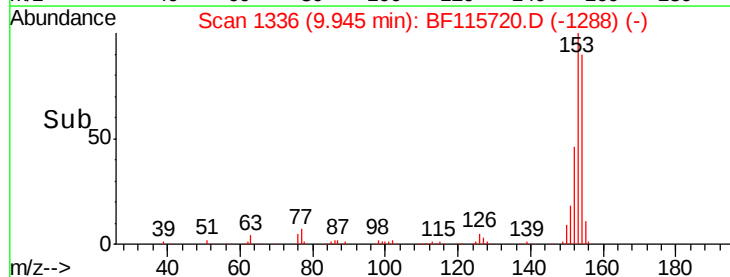
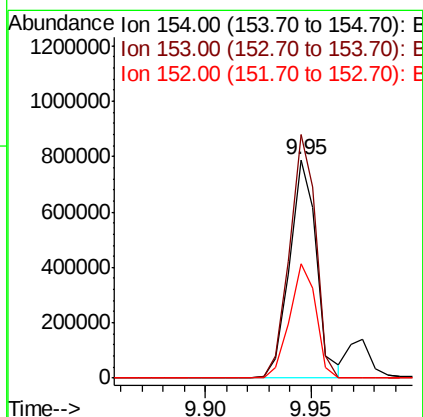
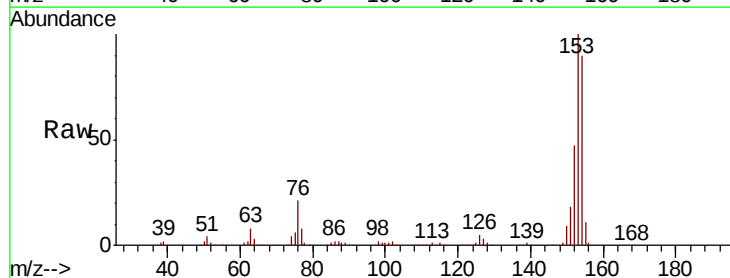
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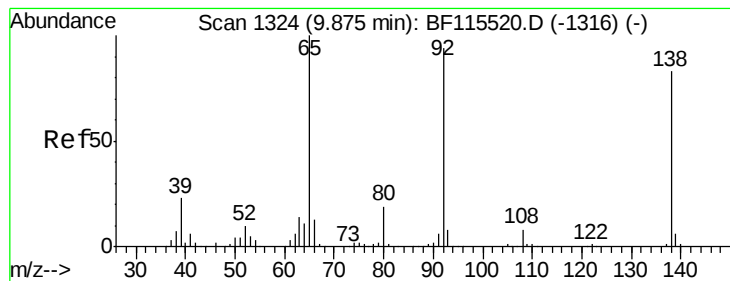
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#52
Acenaphthene
Concen: 37.448 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	701634		
153	111.7		88.6	133.0
152	52.4		42.3	63.5





#53

3-Nitroaniline

Concen: 31.658 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

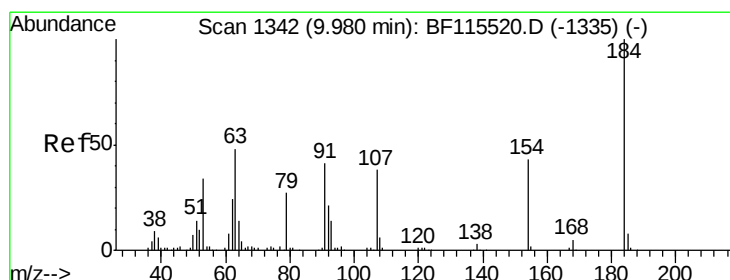
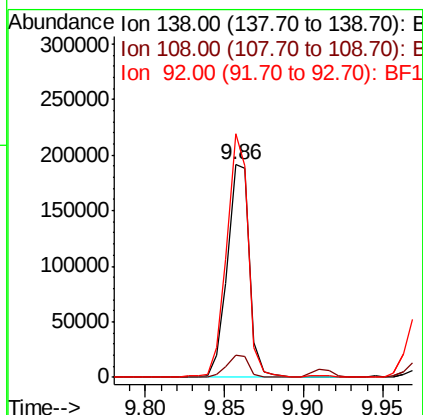
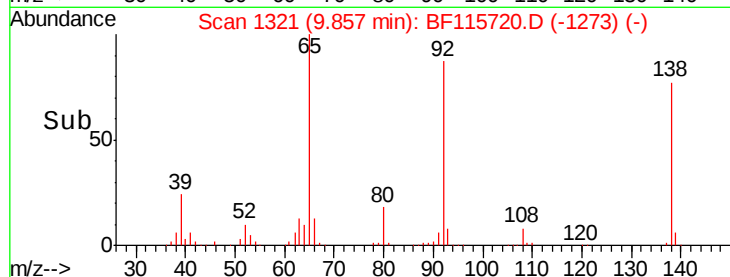
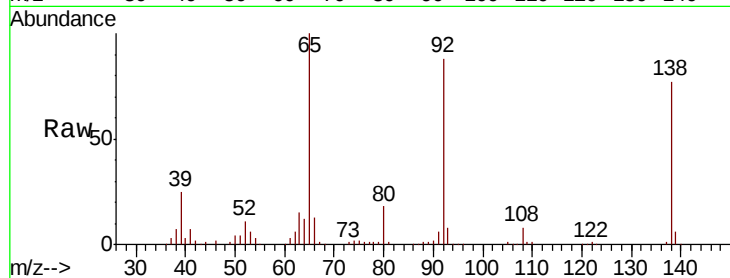
ClientSampleId :

PB121635BS

Tot Ion:	138	Resp:	186106
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.4	12.6
92	114.6	88.0	132.0

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#54

2,4-Dinitrophenol

Concen: 82.573 ng

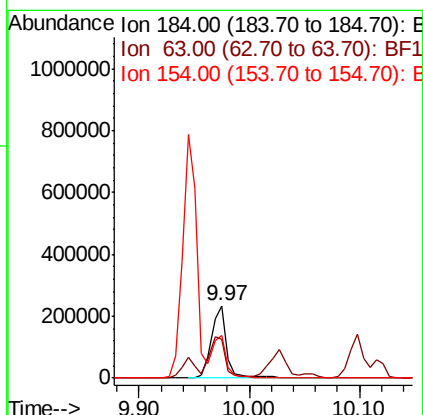
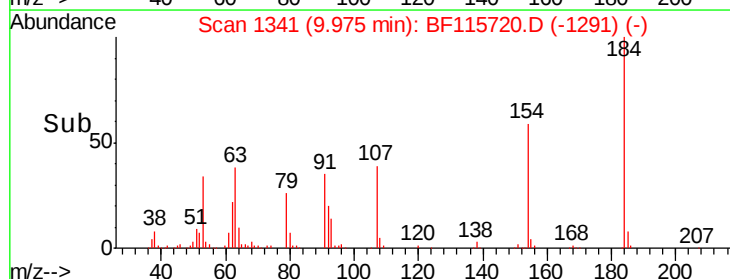
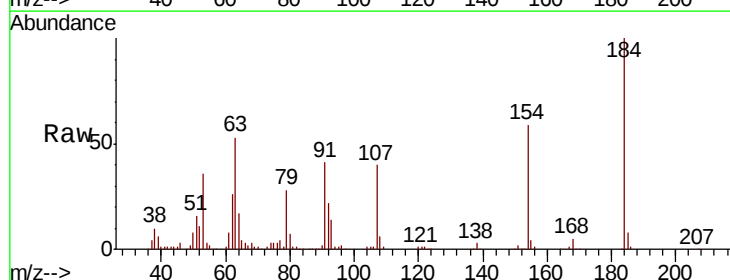
RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Tgt Ion:	184	Resp:	218091
Ion Ratio	Lower	Upper	
184	100		
63	53.0	48.7	73.1
154	58.9	48.6	73.0





#55

Dibenzenofuran

Concen: 39.827 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

ClientSampleId :

PB121635BS

Tot Ion:168 Resp: 1059722

Ion Ratio Lower Upper

168 100

139 39.0 31.1 46.7

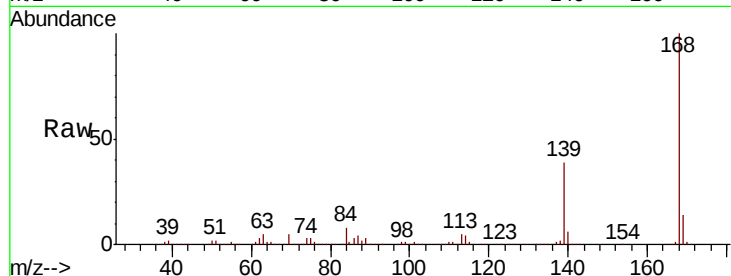
169 13.9 11.1 16.7

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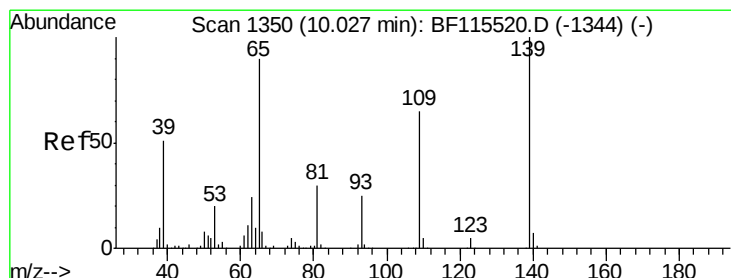
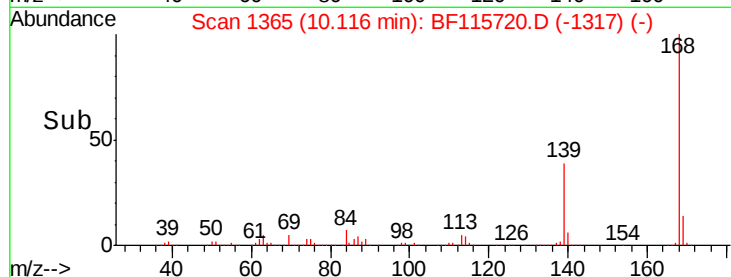
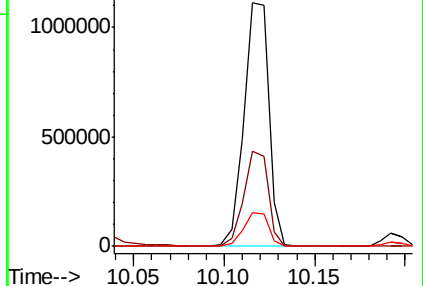
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.633 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

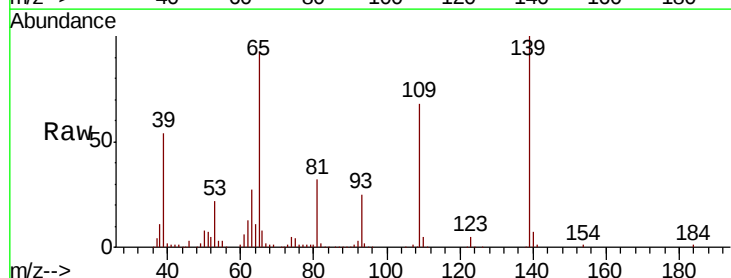
Tgt Ion:139 Resp: 370432

Ion Ratio Lower Upper

139 100

109 68.1 46.4 86.4

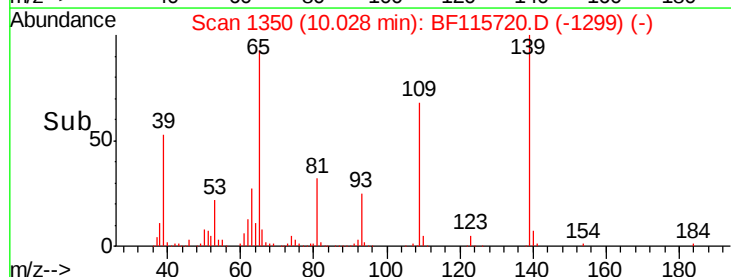
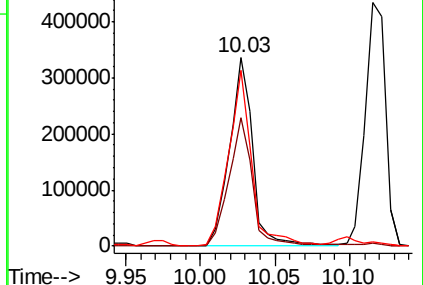
65 93.2 68.9 108.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 42.476 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

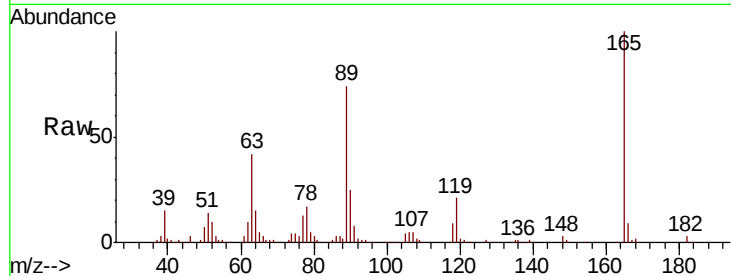
ClientSampleId :

PB121635BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	283094		
63	42.1	34.9	52.3	
89	73.6	57.5	86.3	
182	2.5	2.2	3.4	

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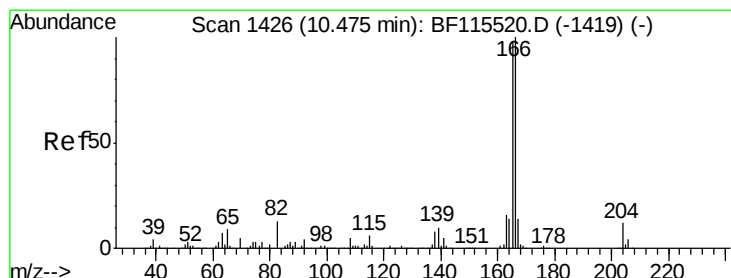
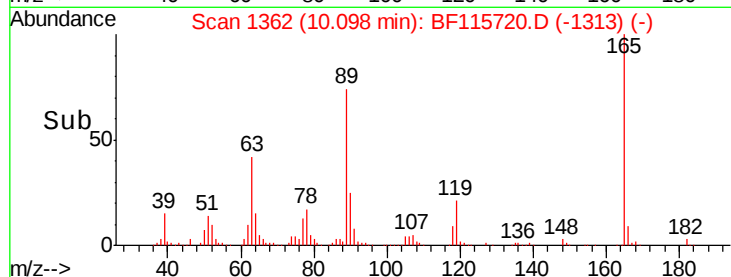
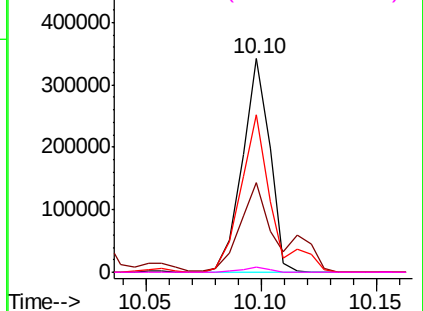
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.425 ng

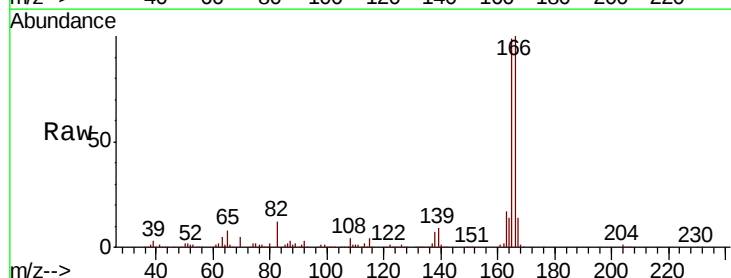
RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	806986		
165	98.9	79.8	119.6	
167	13.7	11.2	16.8	

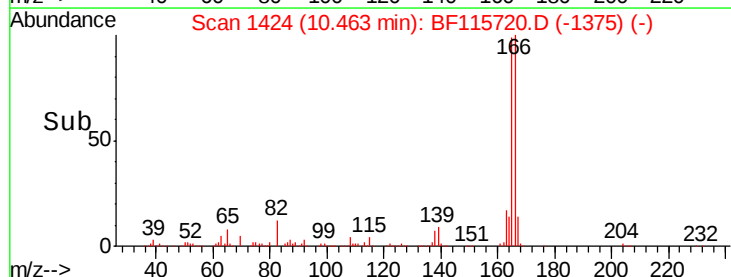
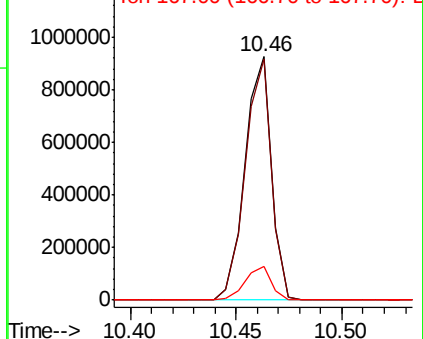


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





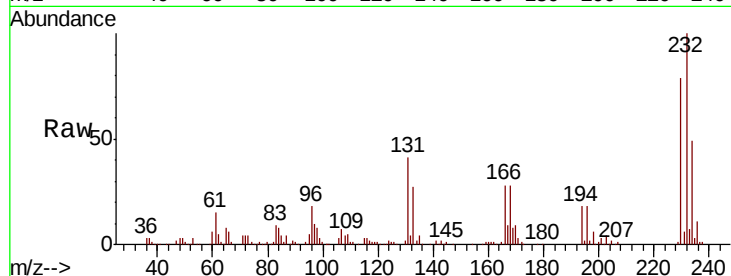
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.837 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

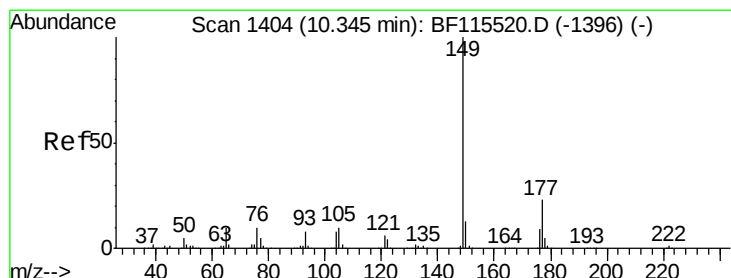
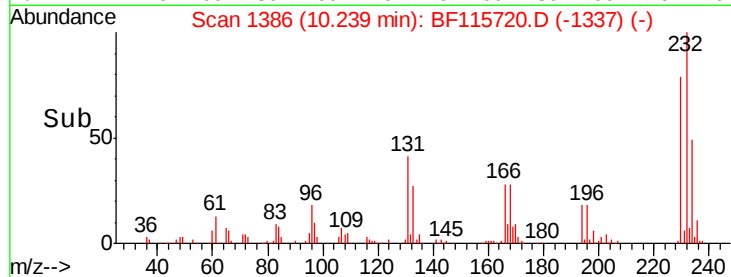
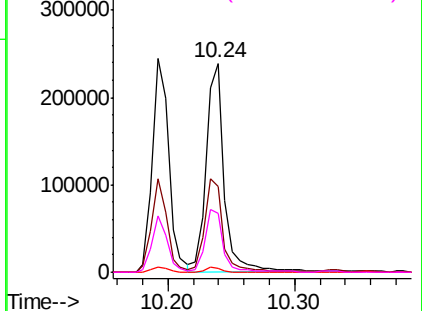
Tot Ion	Ratio	Resp	Lower	Upper
232	100	237309		
131	44.9		35.9	53.9
130	2.3		1.8	2.6
166	30.1		24.8	37.2

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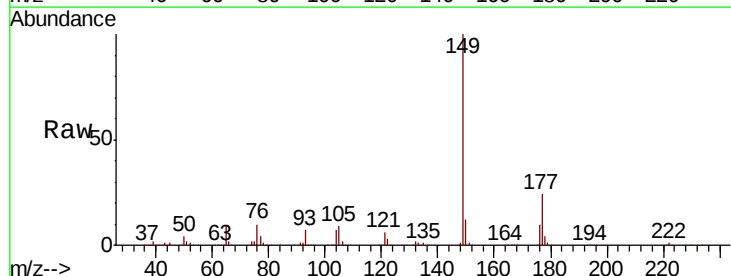


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

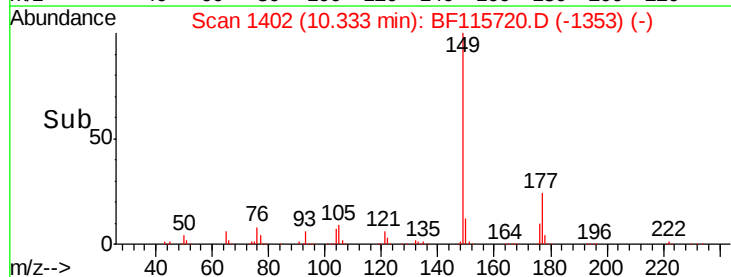
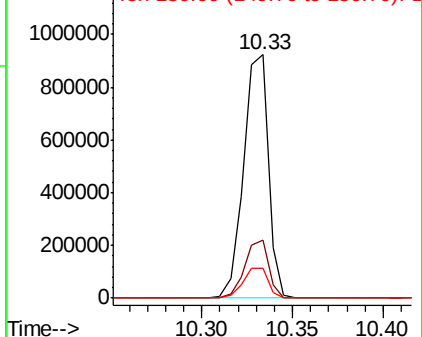


#60
Diethylphthalate
Concen: 41.302 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	875998		
177	23.7		19.5	29.3
150	12.5		10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





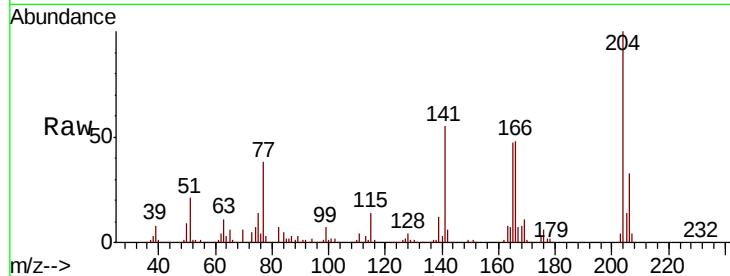
#61
 4-Chlorophenyl-phenylether
 Concen: 38.585 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121635BS

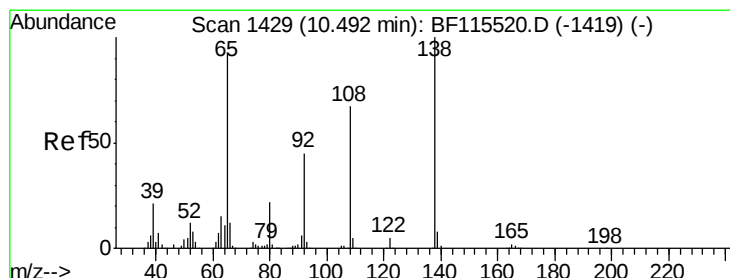
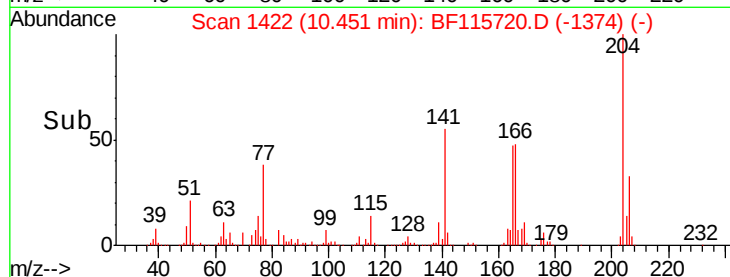
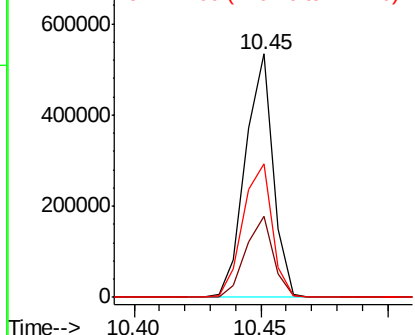
Tot Ion:	204	Resp:	407016
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.7	40.1
141	55.0	44.2	66.2

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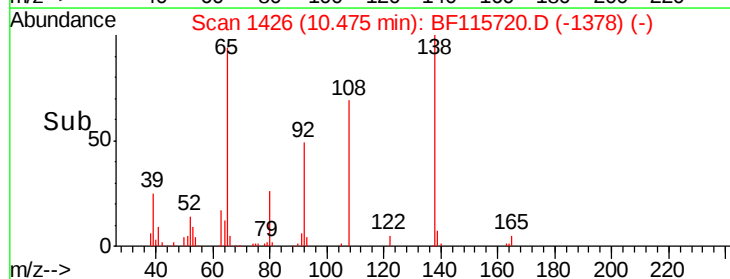
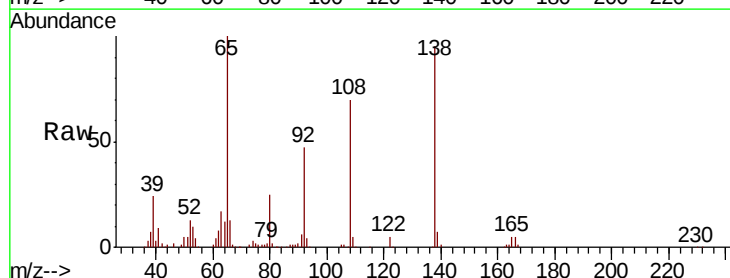
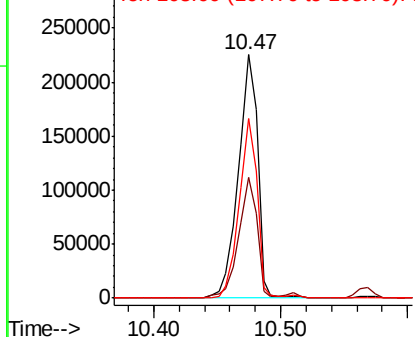
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

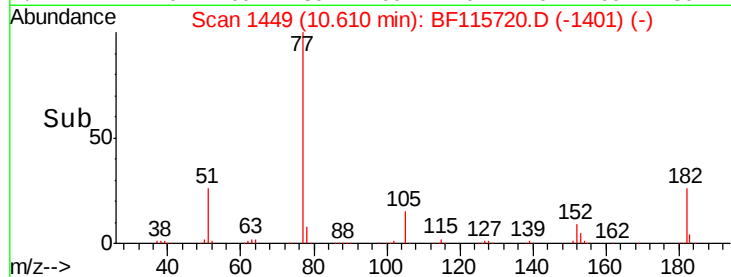
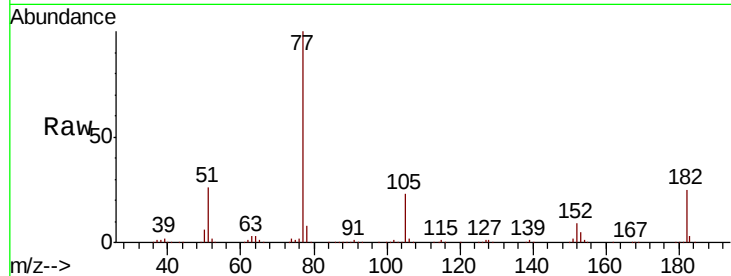
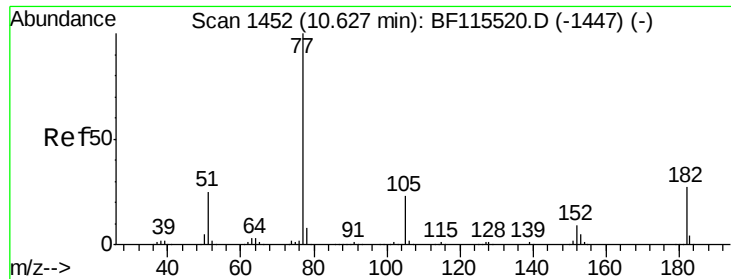


#62
 4-Nitroaniline
 Concen: 41.953 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Tgt Ion:	138	Resp:	236573
Ion Ratio	Lower	Upper	
138	100		
92	49.4	27.1	67.1
108	73.9	48.0	88.0

Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





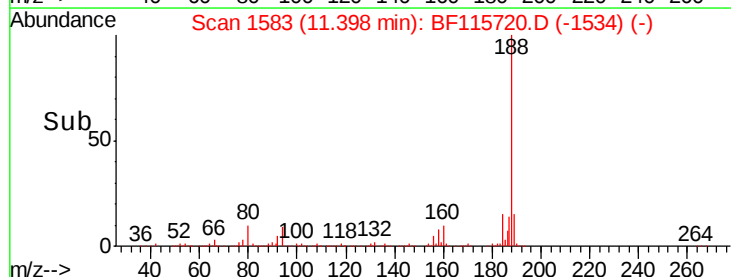
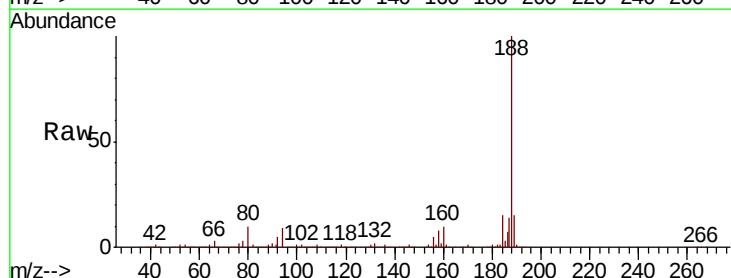
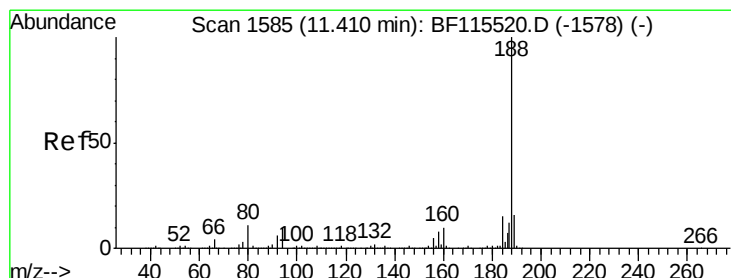
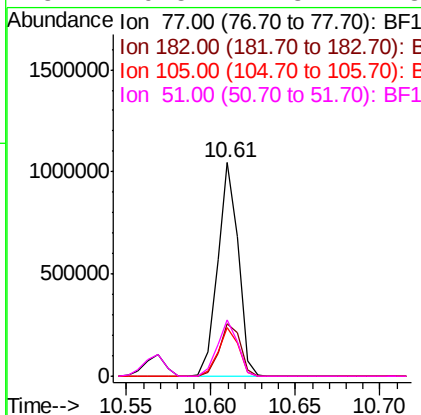
#63
Azobenzene
Concen: 43.025 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.6	6.9	46.9		
105	22.9	3.9	43.9		
51	26.5	7.3	47.3		

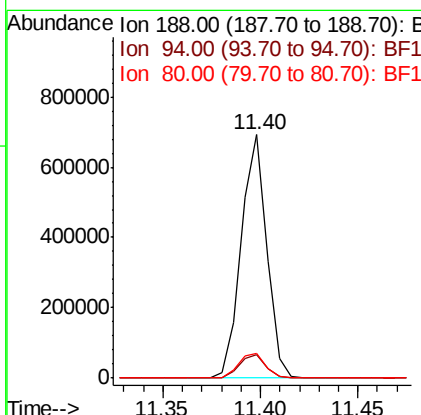
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.5	7.8	11.6		
80	10.1	8.6	13.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 38.492 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

ClientSampleId :

PB121635BS

Tot Ion:198 Resp: 147479

Ion Ratio Lower Upper

198 100

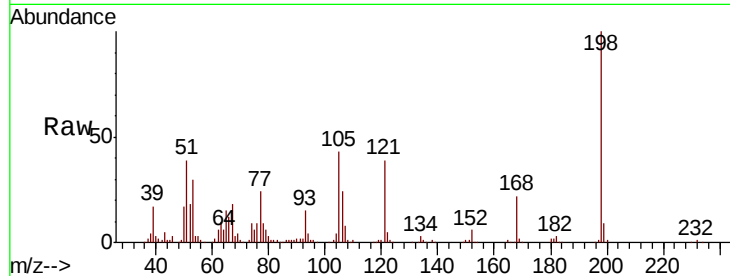
51 39.2 19.1 59.1

105 43.1 23.6 63.6

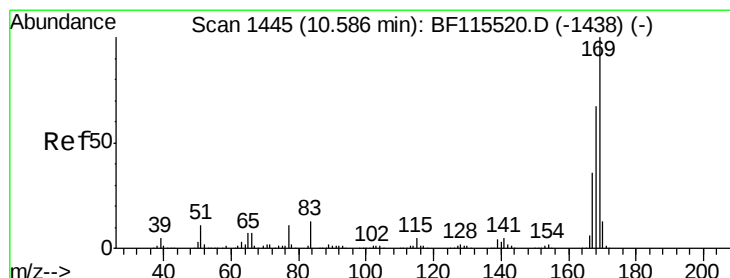
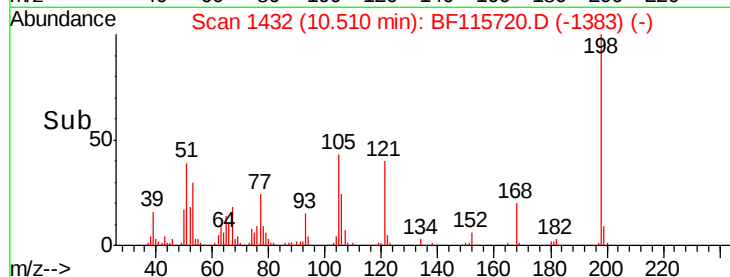
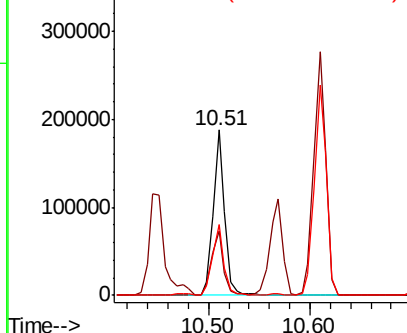
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.522 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

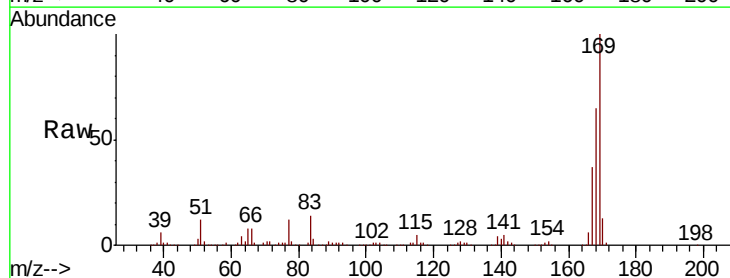
Tgt Ion:169 Resp: 751465

Ion Ratio Lower Upper

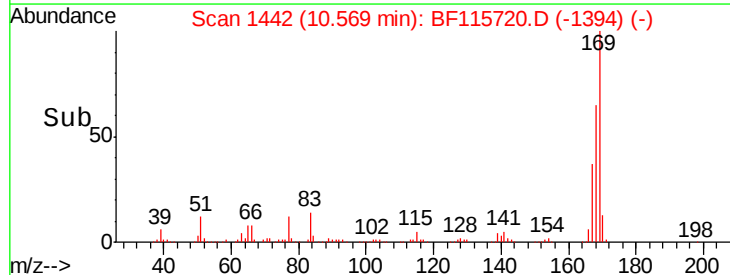
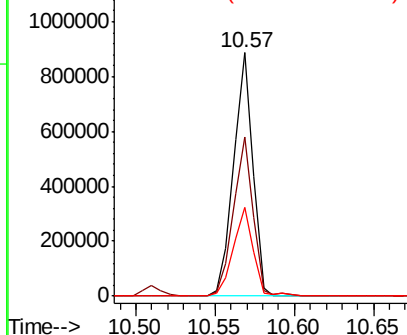
169 100

168 65.4 54.3 81.5

167 36.5 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





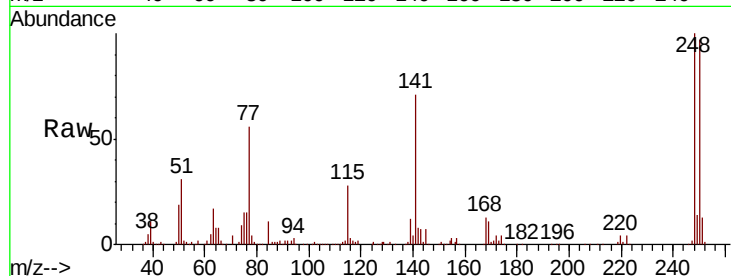
#67
4-Bromophenyl-phenylether
Concen: 36.031 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.0	117.0
141	70.7	57.7	86.5

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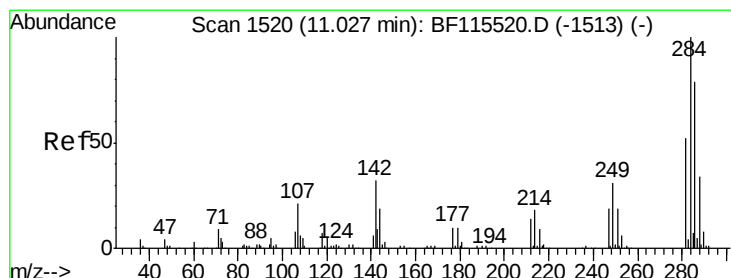
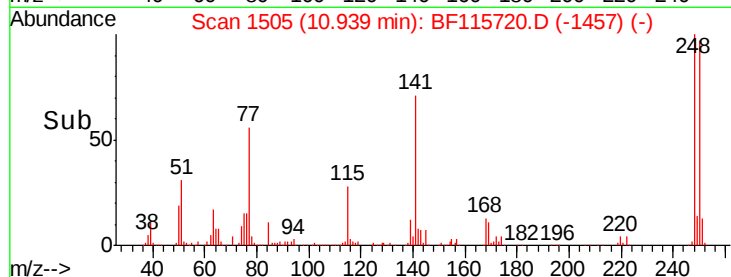
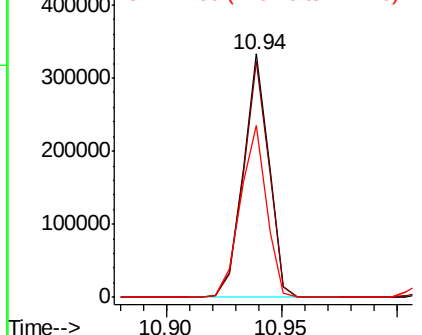


Abundance

Ion 248.00 (247.70 to 248.70): E

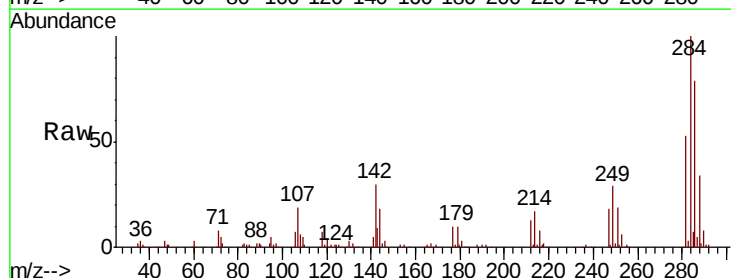
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.266 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	22.2	33.2
249	29.2	23.4	35.2

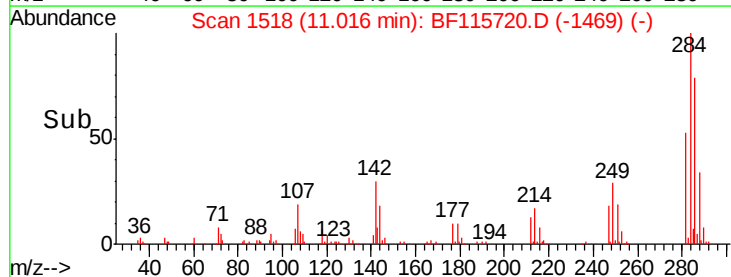
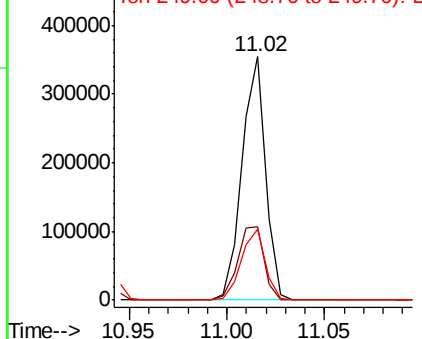


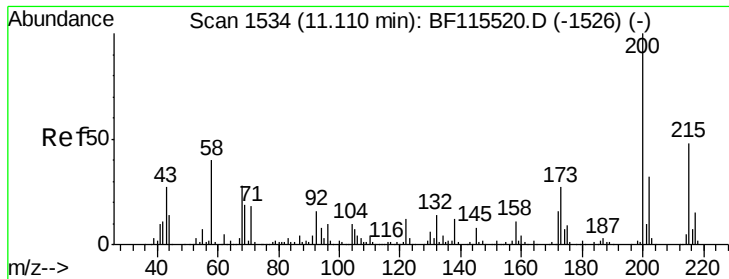
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





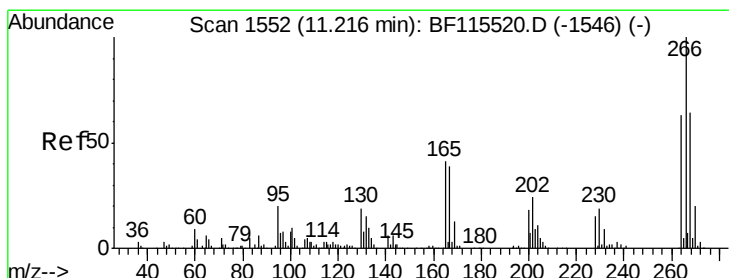
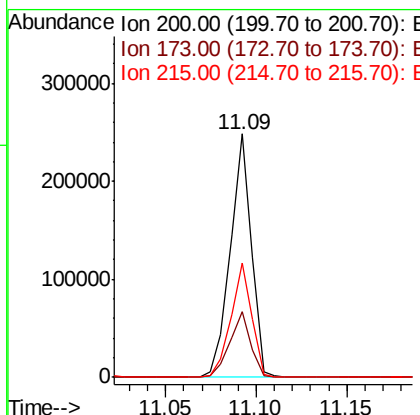
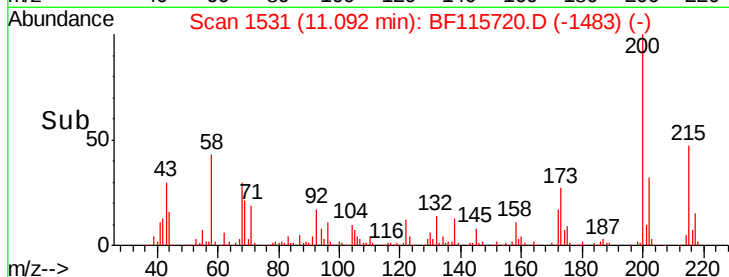
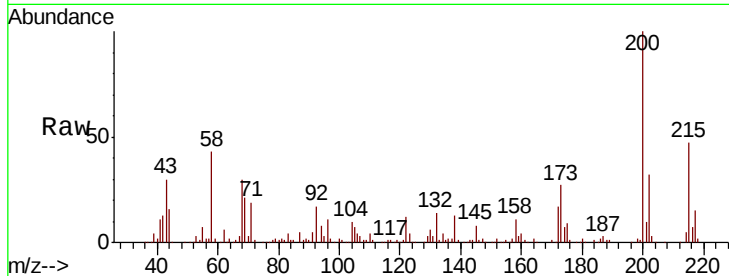
#69
 Atrazine
 Concen: 31.697 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.02 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121635BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	6.9	46.9
215	47.1	27.9	67.9

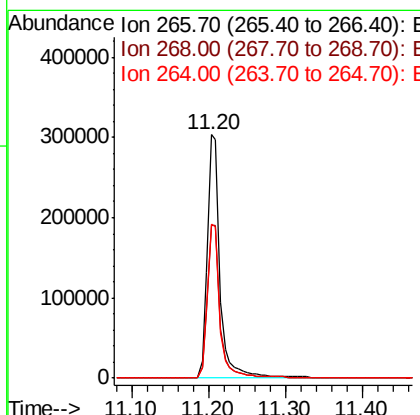
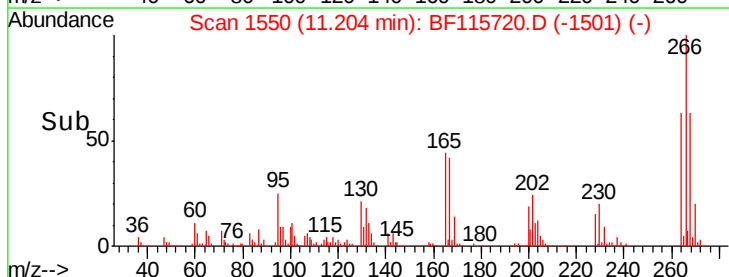
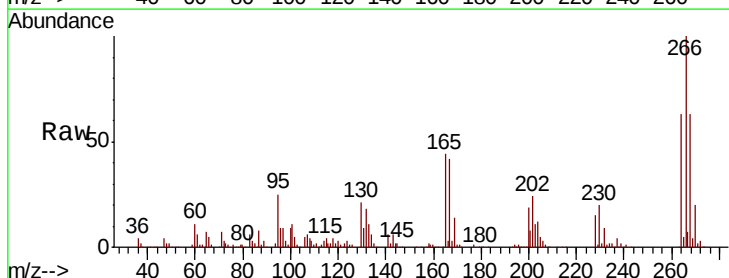
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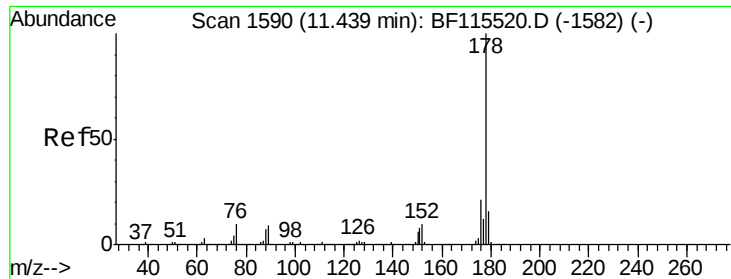
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#70
 Pentachlorophenol
 Concen: 69.587 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.9	51.6	77.4
264	63.4	50.6	76.0





#71

Phenanthrene

Concen: 39.582 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

ClientSampleId :

PB121635BS

Tot Ion:178 Resp: 1272370

Ion Ratio Lower Upper

178 100

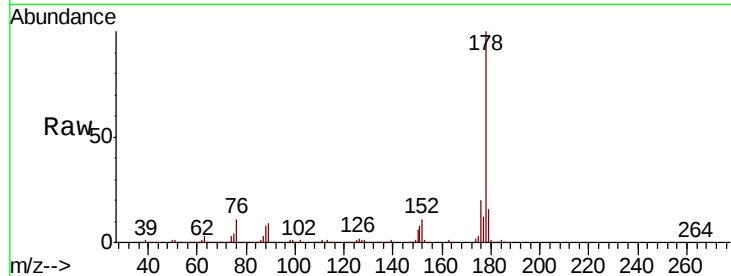
176 20.4 17.2 25.8

179 16.2 13.5 20.3

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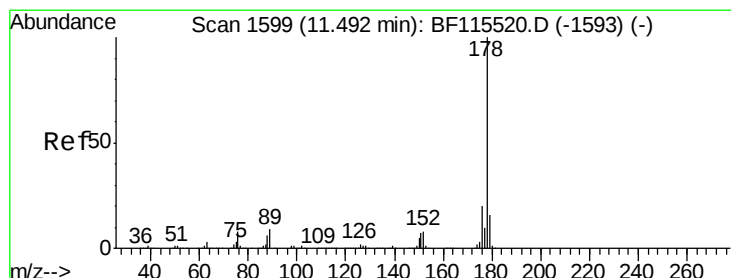
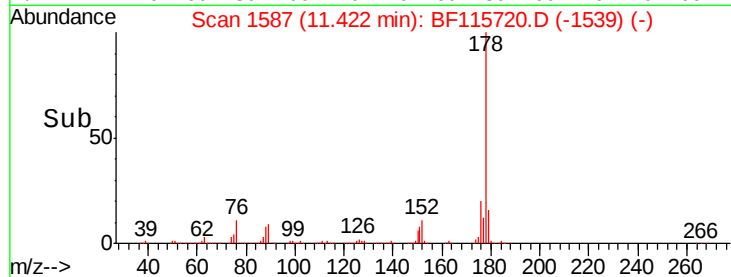
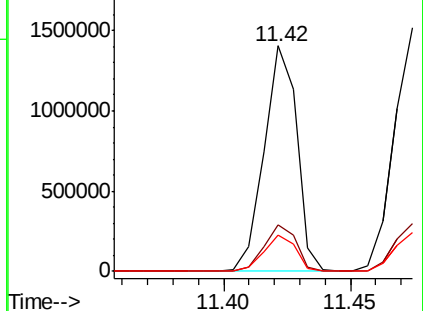
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.018 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Tgt Ion:178 Resp: 1296220

Ion Ratio Lower Upper

178 100

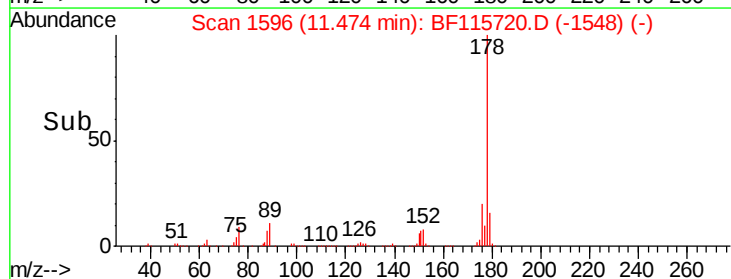
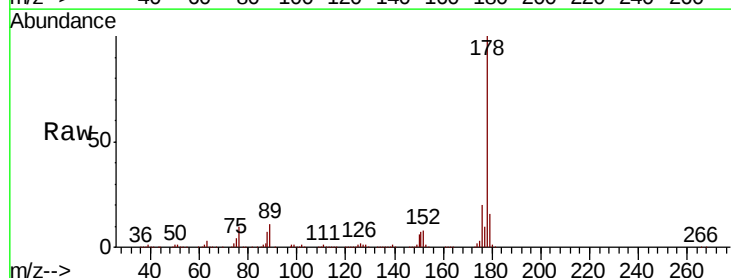
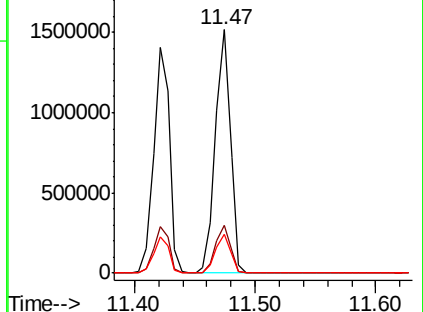
176 19.7 15.9 23.9

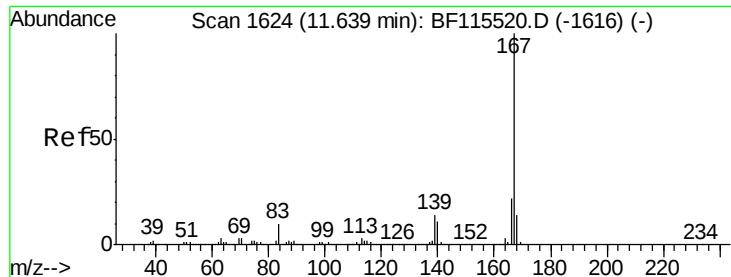
179 16.1 12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.633 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

ClientSampleId :

PB121635BS

Tot Ion:167 Resp: 1212861

Ion Ratio Lower Upper

167 100

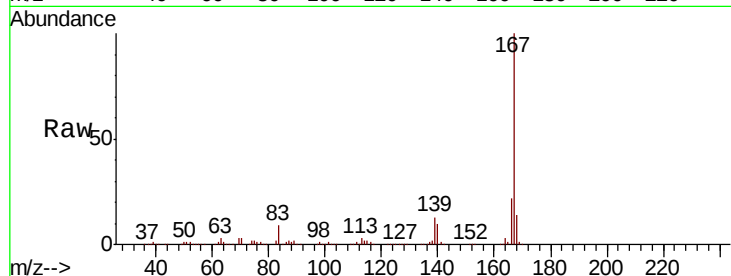
166 22.0 18.1 27.1

139 13.2 11.3 16.9

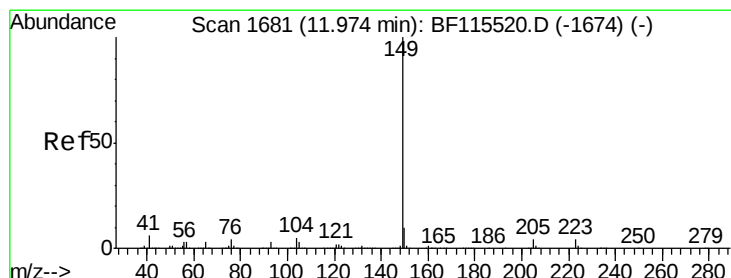
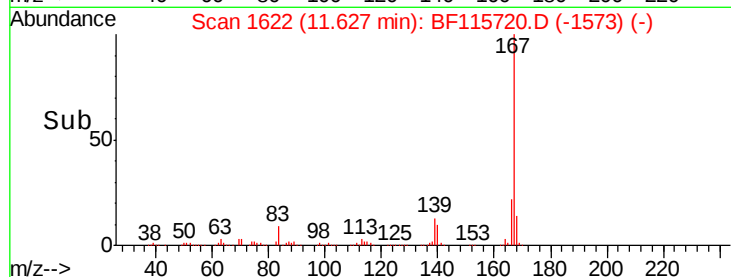
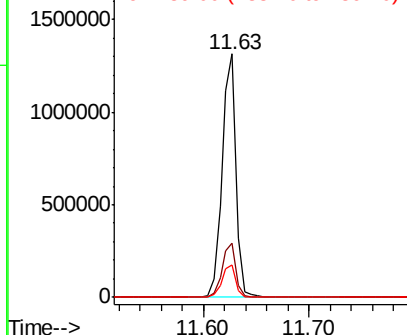
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.664 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

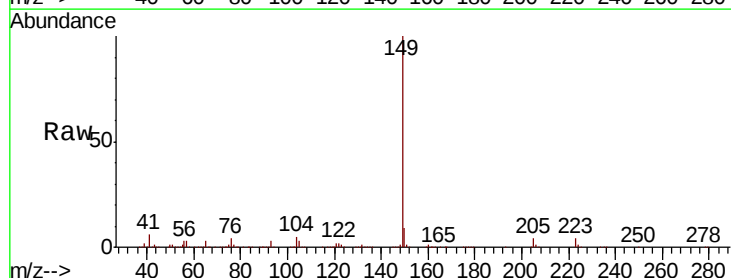
Tgt Ion:149 Resp: 1423320

Ion Ratio Lower Upper

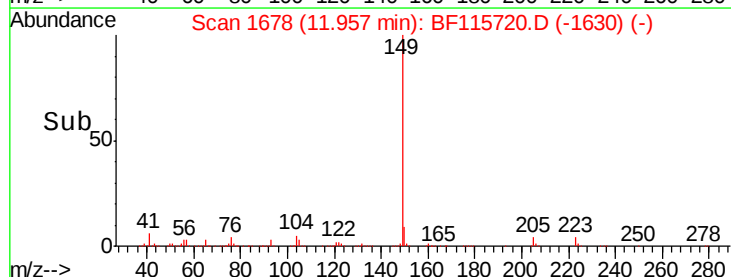
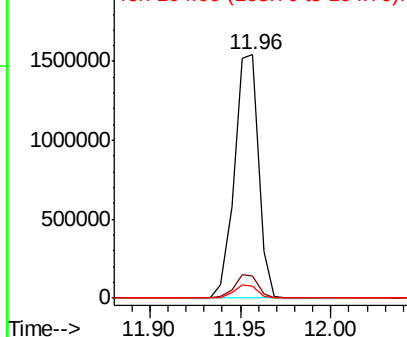
149 100

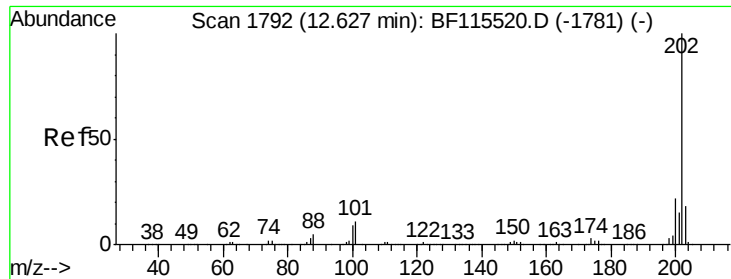
150 9.3 7.7 11.5

104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





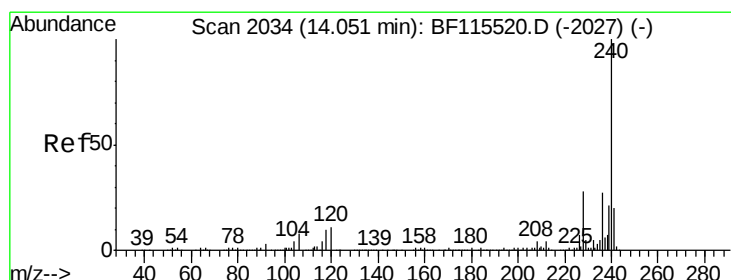
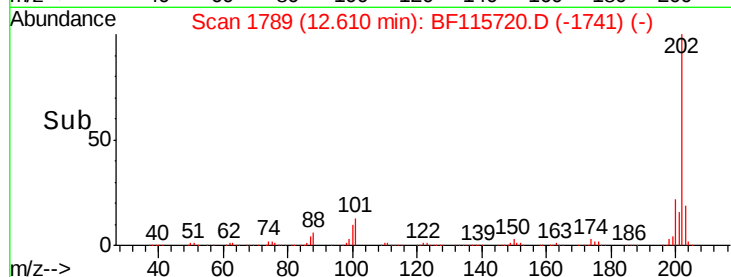
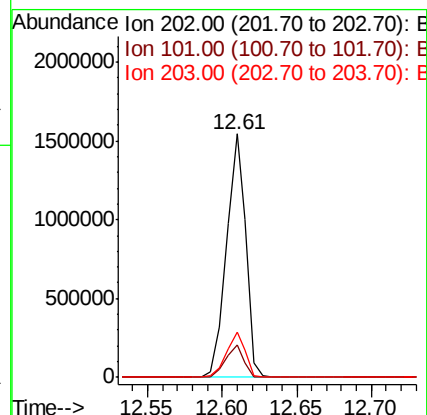
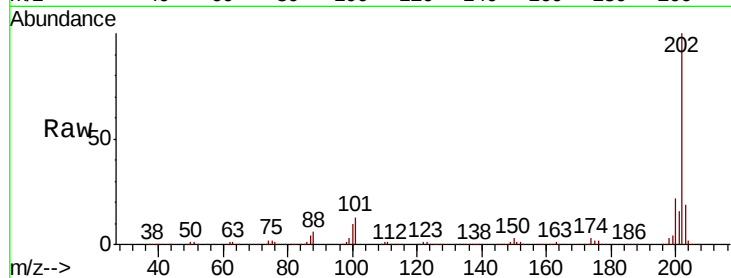
#75
 Fluoranthene
 Concen: 41.527 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.02 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121635BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.4
203	18.7	0.0	38.1

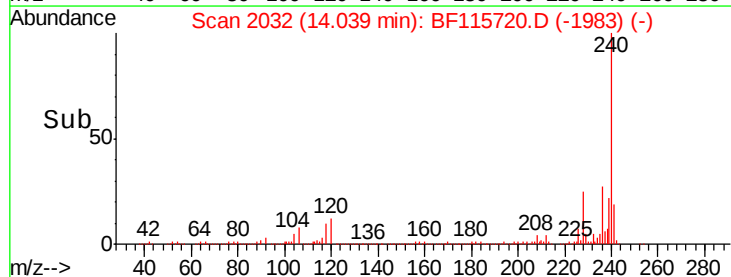
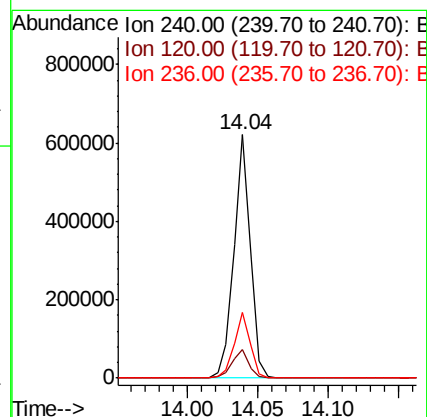
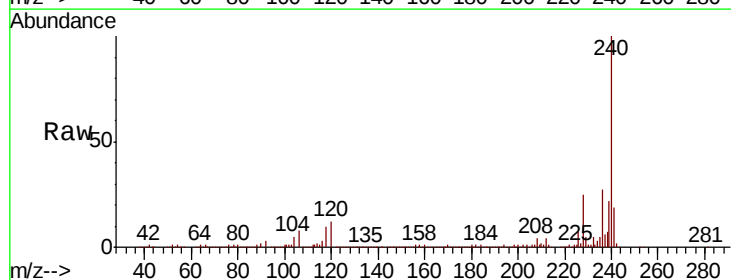
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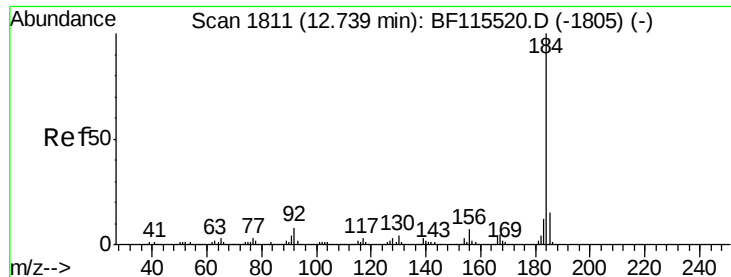
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.6	13.0
236	26.8	21.3	31.9





#77

Benzidine

Concen: 17.416 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

ClientSampleId :

PB121635BS

Tot Ion:184 Resp: 309619

Ion Ratio Lower Upper

184 100

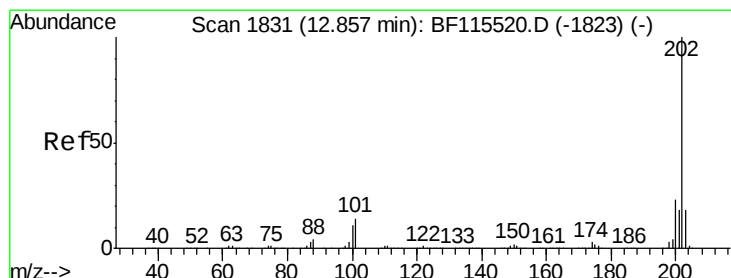
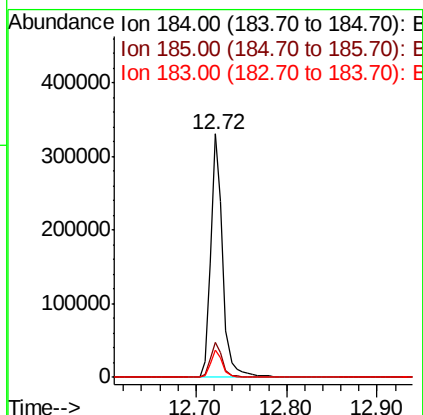
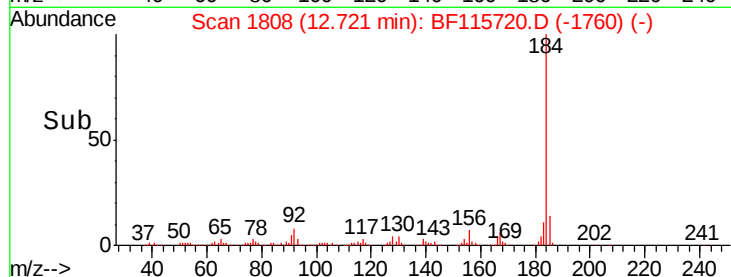
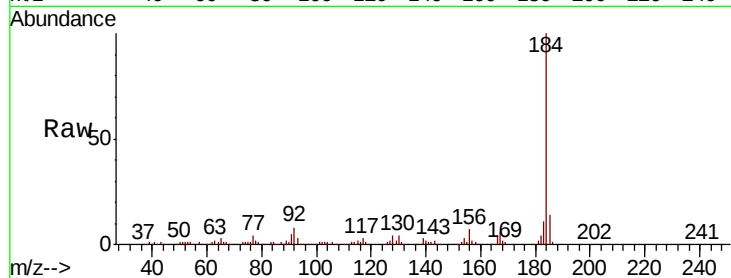
185 14.5 12.0 18.0

183 11.2 9.3 13.9

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#78

Pyrene

Concen: 34.013 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

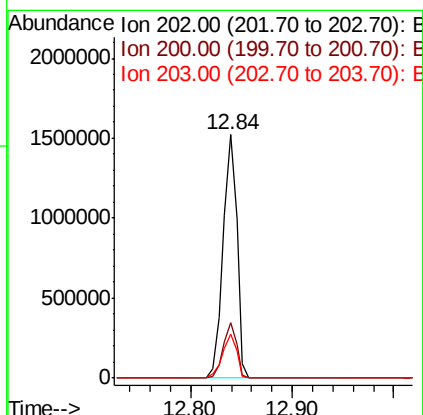
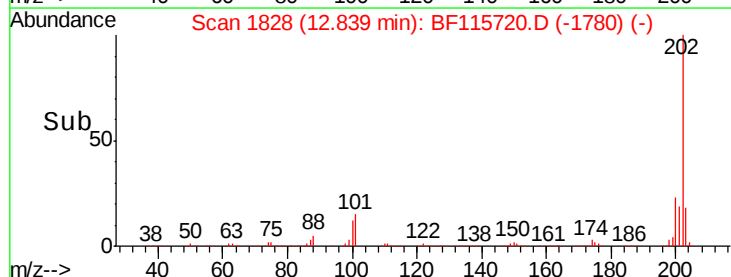
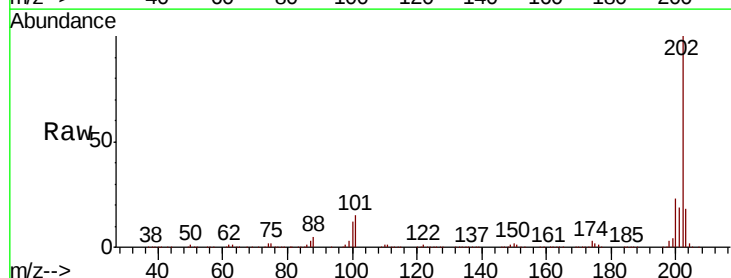
Tgt Ion:202 Resp: 1446192

Ion Ratio Lower Upper

202 100

200 22.6 18.7 28.1

203 18.3 15.2 22.8





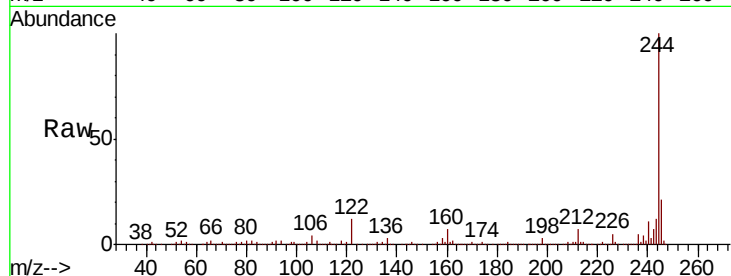
#79
 Terphenyl-d14
 Concen: 67.415 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121635BS

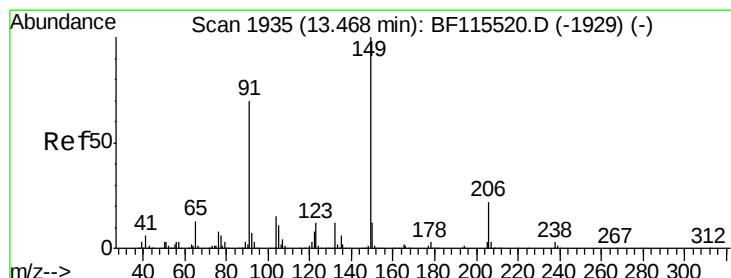
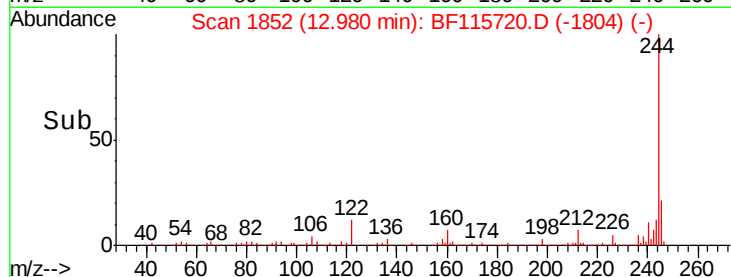
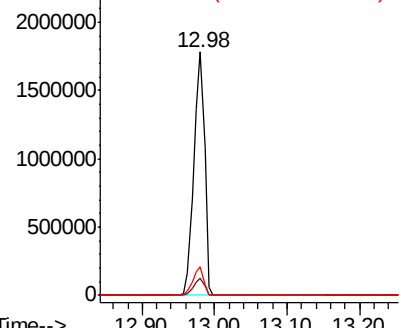
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.9	8.6	12.8

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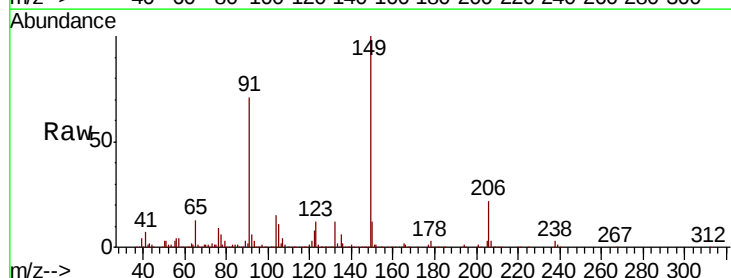


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

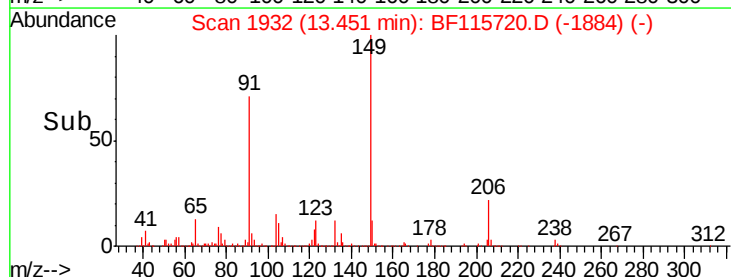
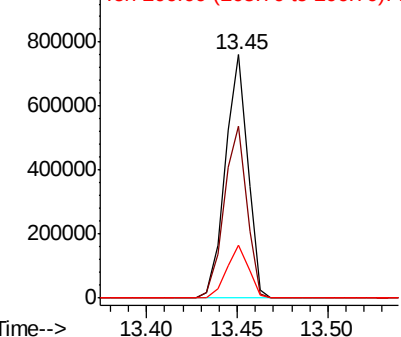


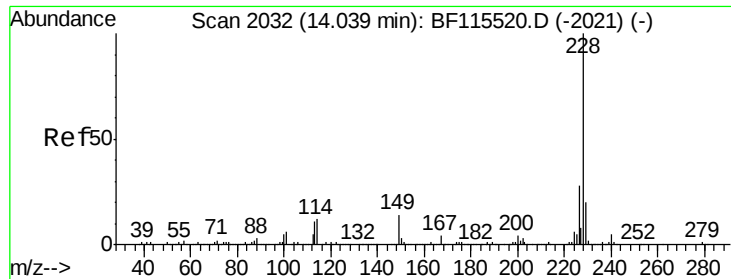
#80
 Butylbenzylphthalate
 Concen: 35.994 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	55.8	83.8
206	21.8	18.2	27.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





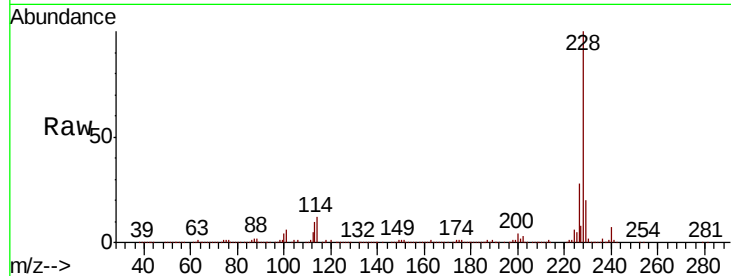
#81
Benzo(a)anthracene
Concen: 38.534 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

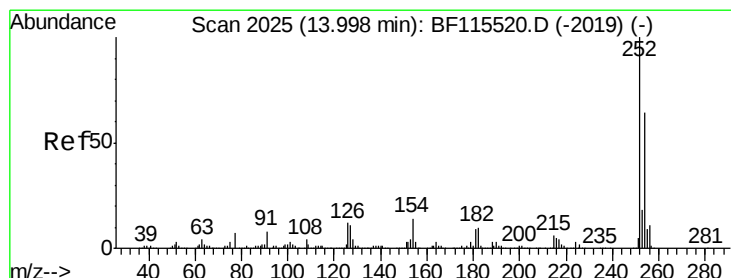
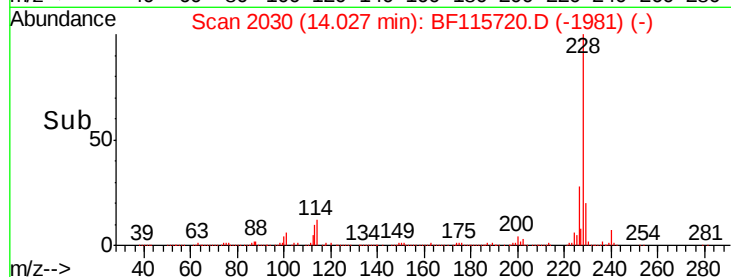
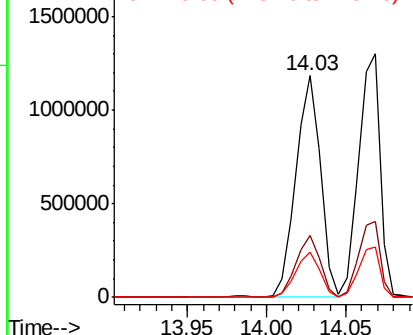
Tot Ion:228 Resp: 1274030
Ion Ratio Lower Upper
228 100
226 27.8 23.4 35.0
229 20.4 17.2 25.8

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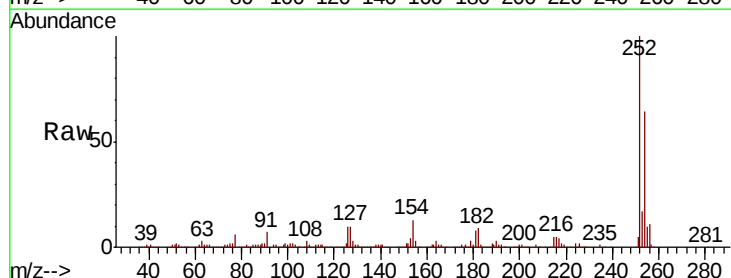


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

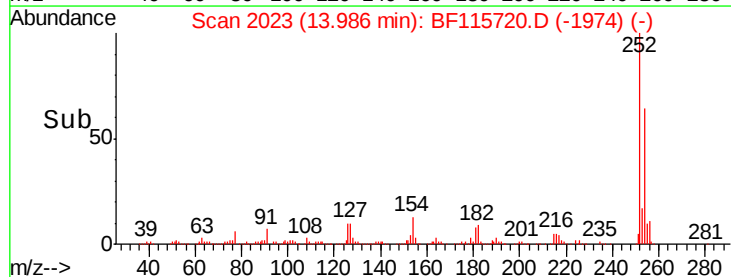
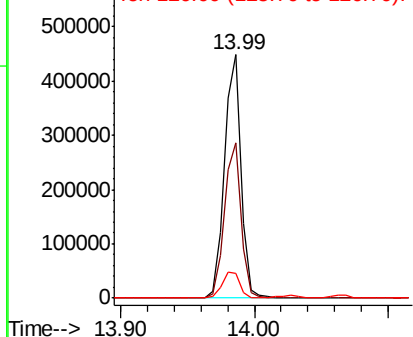


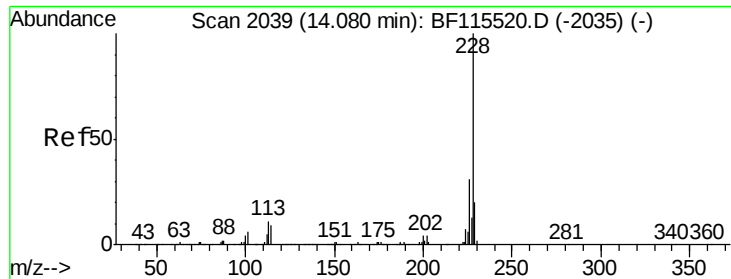
#82
3,3'-Dichlorobenzidine
Concen: 33.723 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion:252 Resp: 396360
Ion Ratio Lower Upper
252 100
254 63.6 52.9 79.3
126 10.2 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





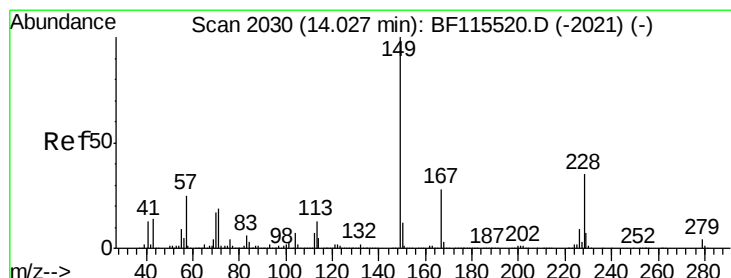
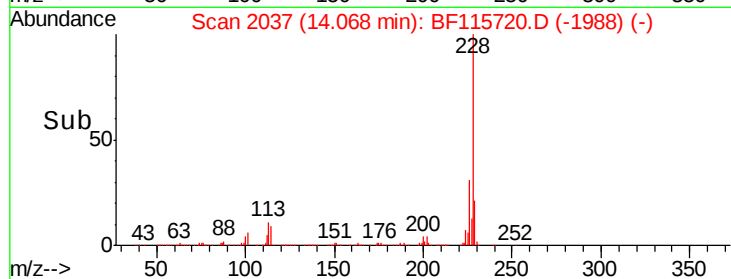
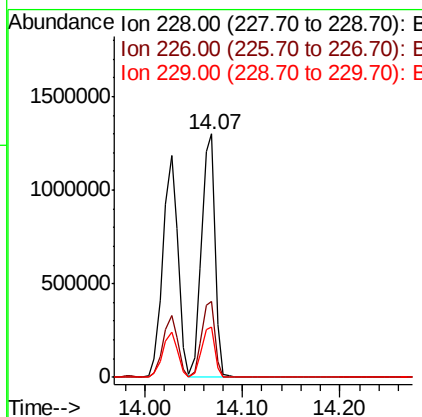
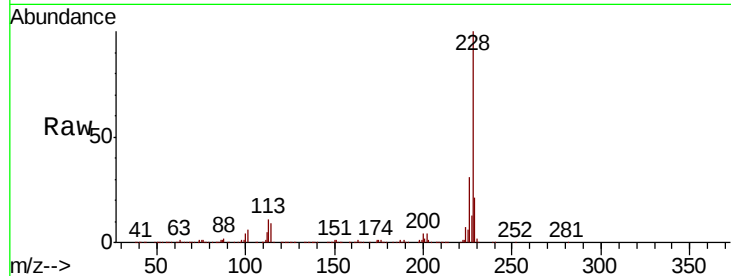
#83
 Chrysene
 Concen: 37.481 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121635BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.6	16.6	25.0

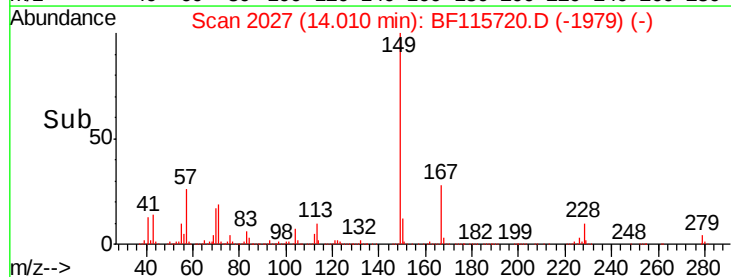
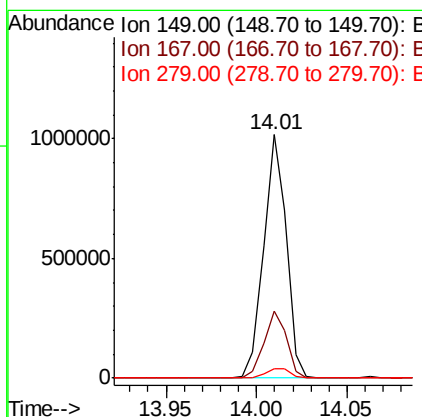
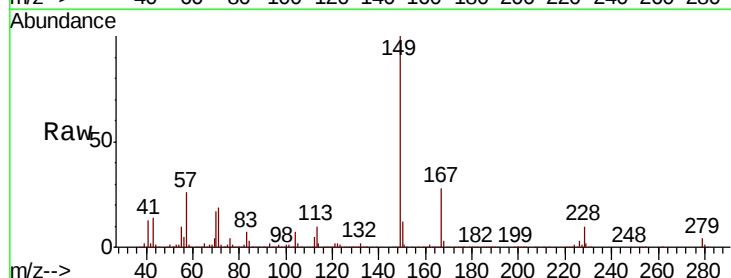
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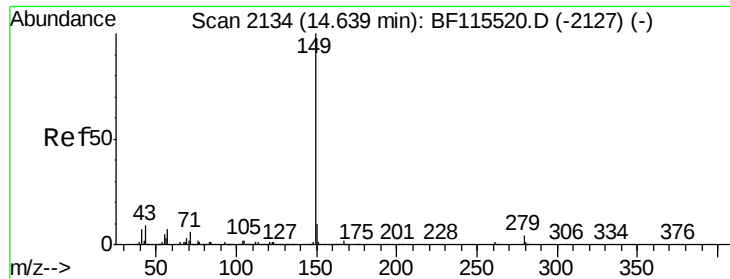
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.312 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF115720.D
 Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.0	34.4
279	3.9	4.2	6.2#





#85

Di-n-octyl phthalate

Concen: 41.658 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

Instrument :

BNA_F

ClientSampleId :

PB121635BS

Tot Ion:149 Resp: 1488149

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

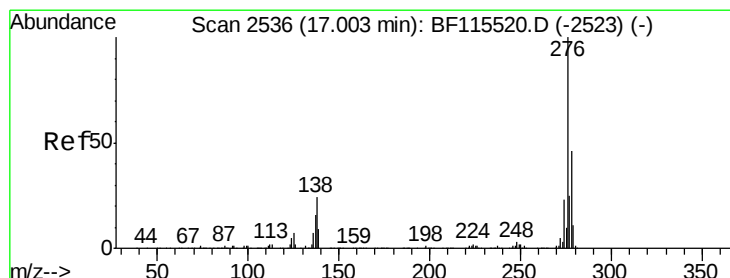
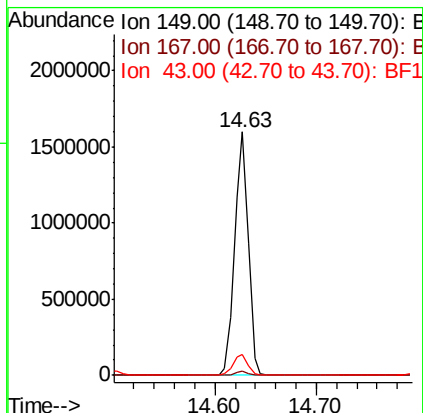
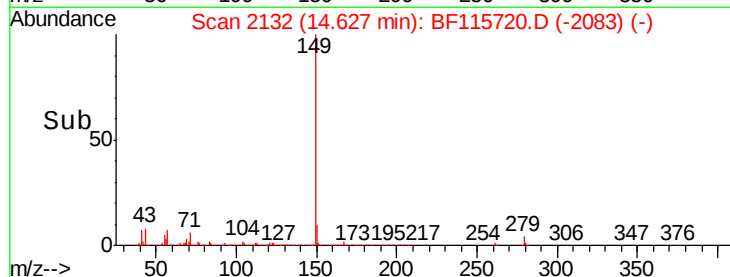
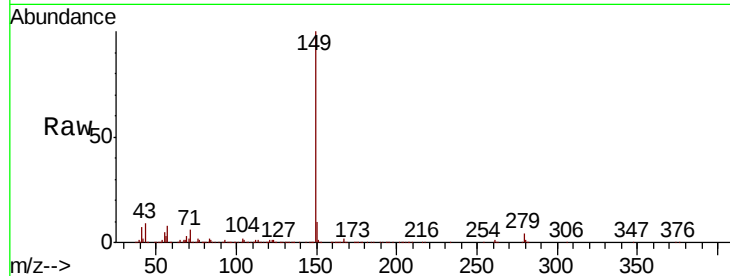
43 8.8 7.2 10.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.608 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF115720.D

Acq: 23 Jul 2019 15:43

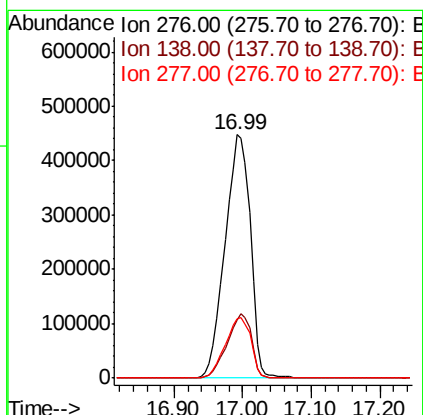
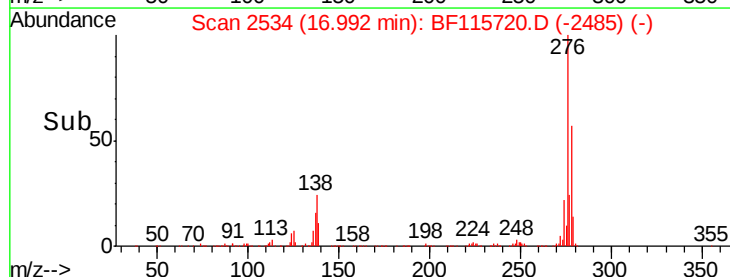
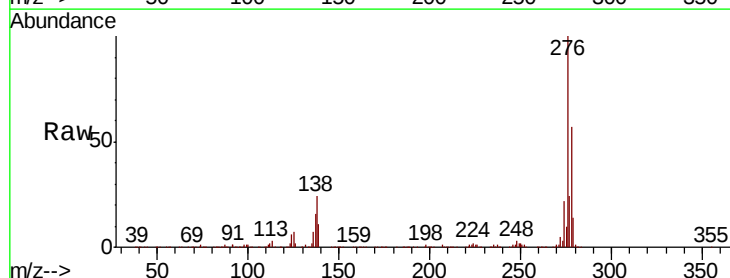
Tgt Ion:276 Resp: 1145055

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.2

277 25.2 20.4 30.6





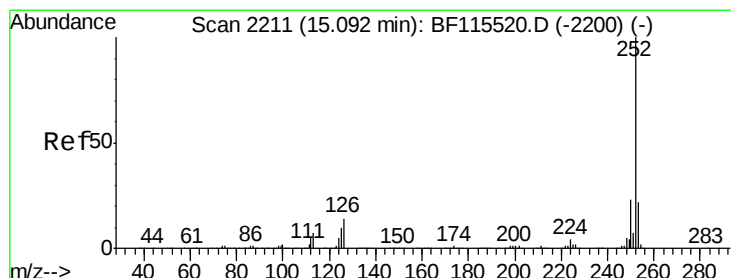
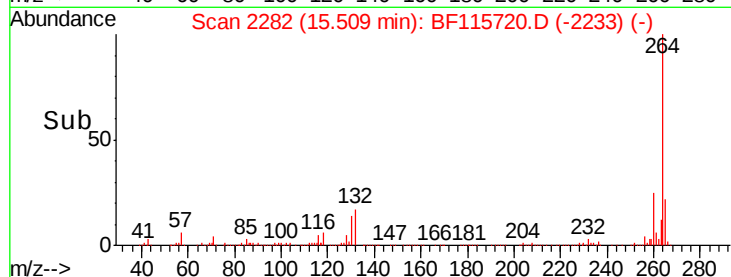
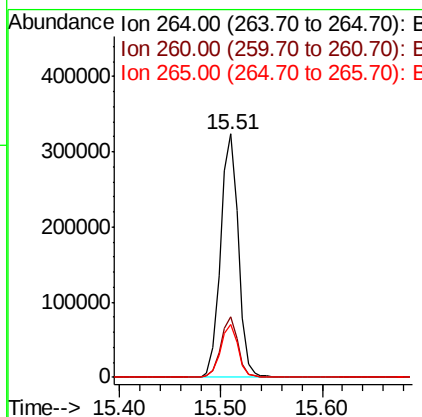
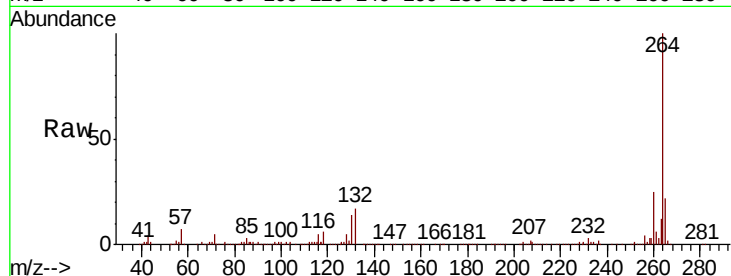
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	21.6	17.7	26.5

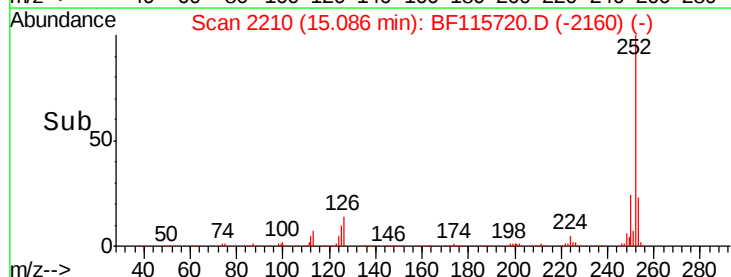
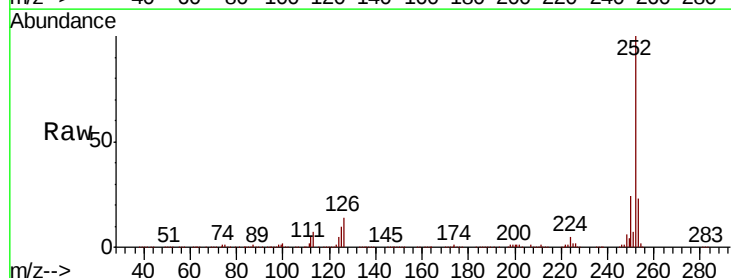
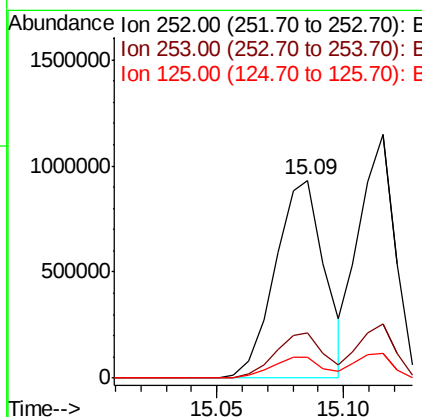
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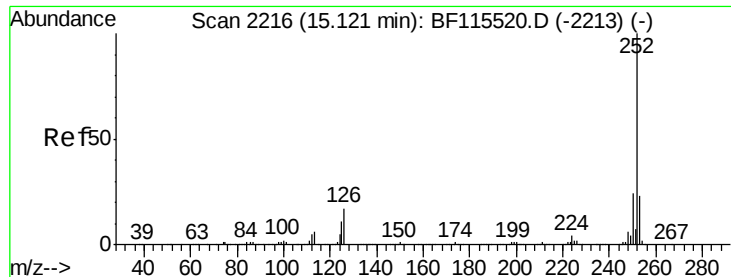
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#88
Benzo(b)fluoranthene
Concen: 50.081 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.3	9.0	13.4





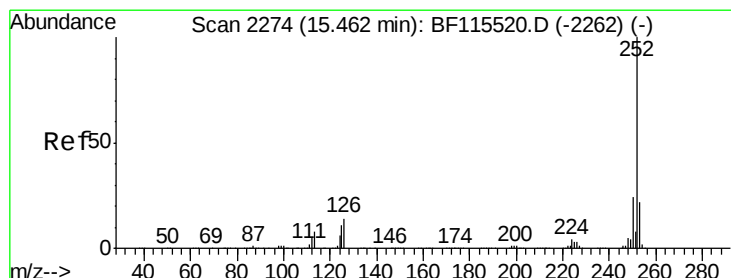
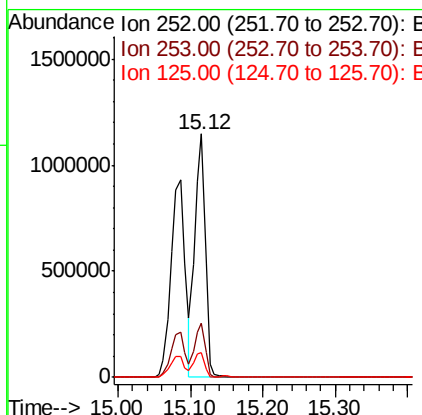
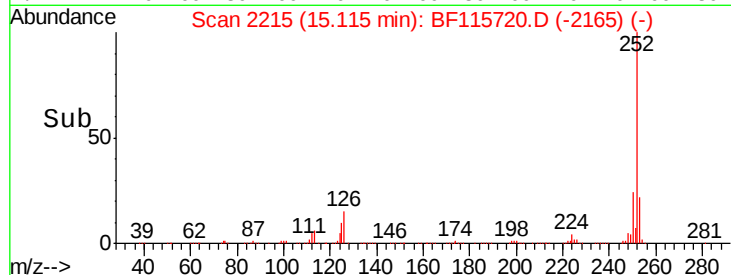
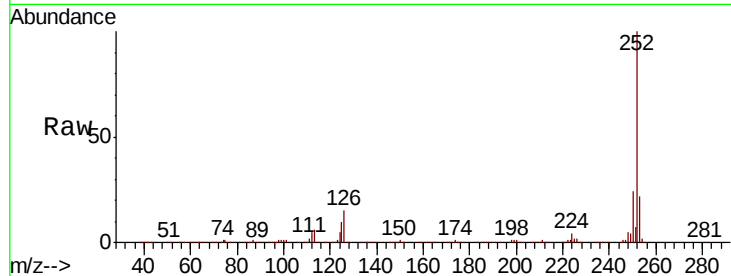
#89
Benzo(k)fluoranthene
Concen: 50.968 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion:252 Resp: 1150909
Ion Ratio Lower Upper
252 100
253 22.5 18.6 28.0
125 10.1 9.0 13.6

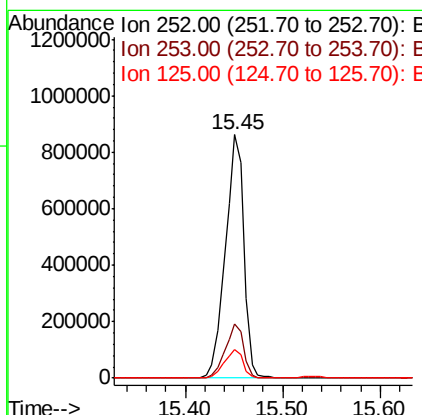
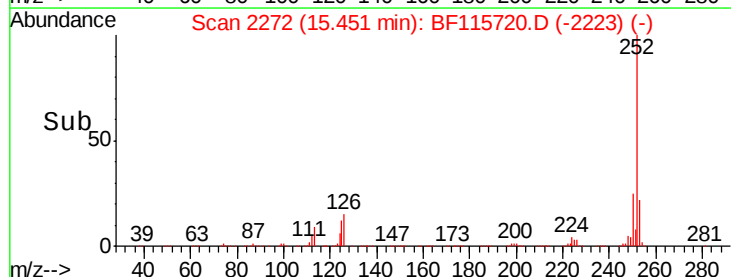
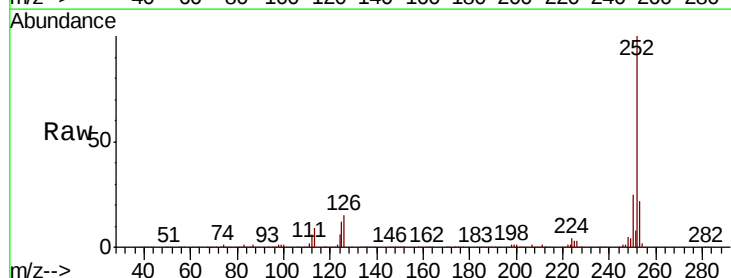
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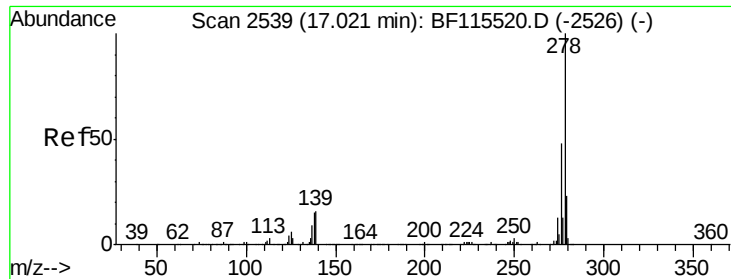
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#90
Benzo(a)pyrene
Concen: 52.019 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion:252 Resp: 1132394
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.9 9.1 13.7





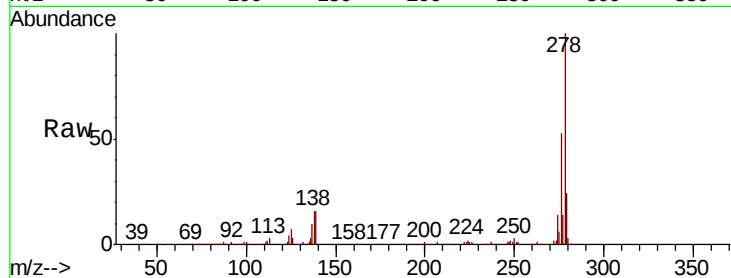
#91
Dibenzo(a,h)anthracene
Concen: 49.742 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Instrument :
BNA_F
ClientSampleId :
PB121635BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	23.7	19.6	29.4

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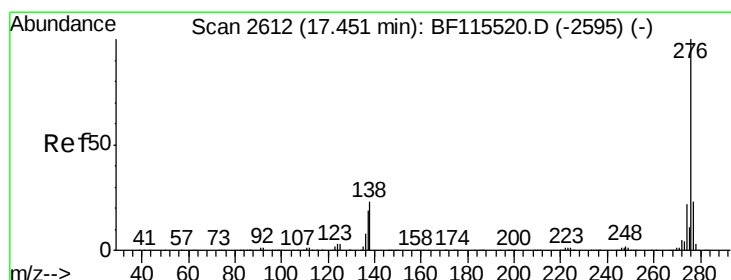
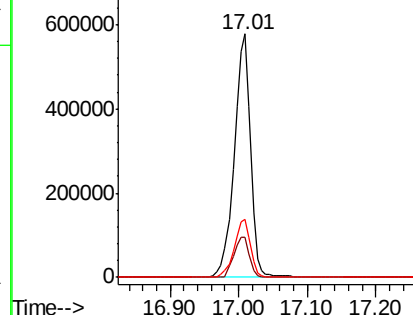
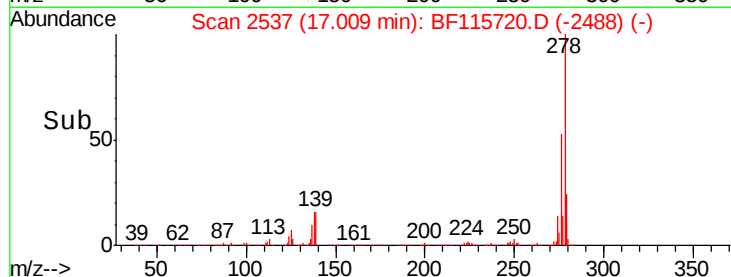


Abundance

Ion 278.00 (277.70 to 278.70): E

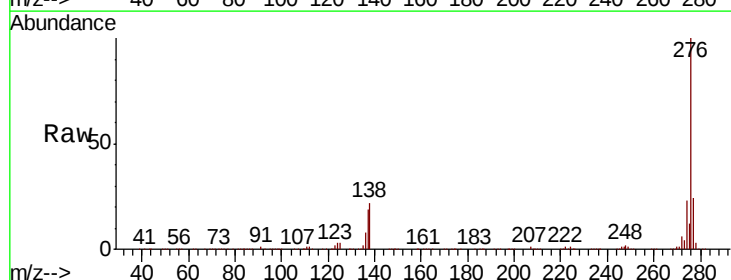
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.961 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF115720.D
Acq: 23 Jul 2019 15:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	21.7	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

