

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115728.D
 Acq On : 23 Jul 2019 19:30
 Operator : HP/JU
 Sample : K3617-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMSD

Manual Integrations
 APPROVED

mohammad
 7/24/2019 11:35:02 AM

Quant Time: Jul 24 05:53:17 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	178150	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	687601	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	384404	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	700467	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	472794	20.00	ng	-0.01
87) Perylene-d12	15.50	264	450761	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1217446	111.78	ng	0.01
7) Phenol-d6	6.52	99	1519322	109.94	ng	0.00
23) Nitrobenzene-d5	7.44	82	1143859	96.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	573701	127.86	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	2065835	94.06	ng	-0.02
79) Terphenyl-d14	12.98	244	2411683	94.12	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	175731	32.346	ng	# 85
3) Pyridine	3.55	79	383651	26.028	ng	99
4) n-Nitrosodimethylamine	3.47	42	207392	38.785	ng	92
6) Aniline	6.54	93	218253	11.348	ng	93
8) 2-Chlorophenol	6.67	128	486803	38.876	ng	95
9) Benzaldehyde	6.42	77	194338	22.503	ng	98
10) Phenol	6.53	94	533112	33.230	ng	82
11) bis(2-Chloroethyl)ether	6.61	93	491944	40.276	ng	99
12) 1,3-Dichlorobenzene	6.82	146	508820	36.141	ng	97
13) 1,4-Dichlorobenzene	6.89	146	523504	37.268	ng	97
14) 1,2-Dichlorobenzene	7.05	146	479519	37.343	ng	98
15) Benzyl Alcohol	7.02	79	443193	40.426	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	654544	40.704	ng	98
17) 2-Methylphenol	7.13	107	433291	40.152	ng	98
18) Hexachloroethane	7.39	117	193255	37.066	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	362317	40.199	ng	96
20) 3+4-Methylphenols	7.28	107	492391	38.414	ng	# 82
22) Acetophenone	7.28	105	686010	44.162	ng	# 99
24) Nitrobenzene	7.46	77	559034	43.830	ng	99
25) Isophorone	7.69	82	1062998	44.923	ng	98
26) 2-Nitrophenol	7.77	139	286019	43.567	ng	97
27) 2,4-Dimethylphenol	7.81	122	474375	48.293	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	654297	45.073	ng	99
29) 2,4-Dichlorophenol	8.02	162	463946	45.415	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	473803	41.031	ng	98
31) Naphthalene	8.17	128	1450872	43.569	ng	98
32) Benzoic acid	7.92	122	214819	26.648	ng	95
33) 4-Chloroaniline	8.22	127	134410	9.112	ng	98
34) Hexachlorobutadiene	8.30	225	271269	40.965	ng	98
35) Caprolactam	8.60	113	110791m	35.096	ng	
36) 4-Chloro-3-methylphenol	8.71	107	494272	46.643	ng	100
37) 2-Methylnaphthalene	8.87	142	1019268	46.175	ng	97
38) 1-Methylnaphthalene	8.97	142	945724	45.106	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	460574	39.788	ng	97

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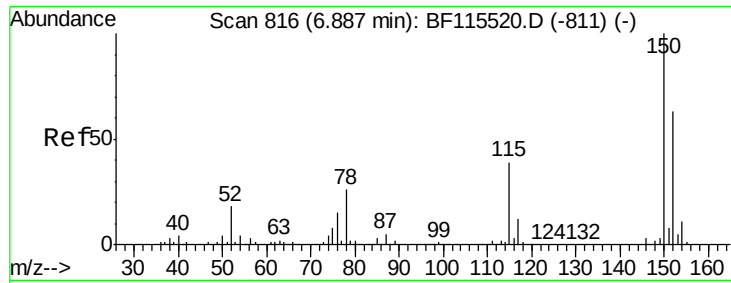
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 7/24/2019 11:35:02 AM

Quant Time: Jul 24 05:53:17 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	458730	69.470	nq	100
43) 2,4,6-Trichlorophenol	9.15	196	333221	39.363	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	363949	41.981	nq	98
46) 1,1'-Biphenyl	9.33	154	1263738	42.051	nq	98
47) 2-Chloronaphthalene	9.36	162	1003404	40.099	nq	98
48) 2-Nitroaniline	9.45	65	321411	41.499	nq	97
49) Acenaphthylene	9.77	152	1553963	41.910	nq	98
50) Dimethylphthalate	9.63	163	1306472	45.173	nq	99
51) 2,6-Dinitrotoluene	9.69	165	283670	43.160	nq	95
52) Acenaphthene	9.95	154	947899	39.598	nq	99
53) 3-Nitroaniline	9.86	138	116824	15.554	nq	97
54) 2,4-Dinitrophenol	9.97	184	232387	68.866	nq	95
55) Dibenzofuran	10.12	168	1399937	41.180	nq	98
56) 4-Nitrophenol	10.03	139	415597	72.563	nq	98
57) 2,4-Dinitrotoluene	10.10	165	382127	44.876	nq	93
58) Fluorene	10.46	166	1056533	43.474	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	309070	42.647	nq	98
60) Diethylphthalate	10.33	149	1215054	44.839	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	541397	40.171	nq	98
62) 4-Nitroaniline	10.48	138	296990	41.223	nq	95
63) Azobenzene	10.61	77	1214477	46.206	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	182083	42.547	nq	91
66) n-Nitrosodiphenylamine	10.57	169	1011240	46.411	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	353168	44.120	nq	99
68) Hexachlorobenzene	11.02	284	390957	42.768	nq	96
69) Atrazine	11.10	200	323598	45.271	nq	99
70) Pentachlorophenol	11.21	266	415168	74.256	nq	99
71) Phenanthrene	11.42	178	1615493	44.993	nq	98
72) Anthracene	11.47	178	1680184	45.280	nq	99
73) Carbazole	11.63	167	1514680	46.549	nq	100
74) Di-n-butylphthalate	11.96	149	1923441	47.988	nq	99
75) Fluoranthene	12.61	202	1745795	46.012	nq	98
77) Benzidine	12.72	184	312865	18.680	nq	# 83
78) Pyrene	12.84	202	1749789	43.683	nq	98
80) Butylbenzylphthalate	13.45	149	823404	48.220	nq	97
81) Benzo(a)anthracene	14.03	228	1383743	44.425	nq	97
82) 3,3'-Dichlorobenzidine	13.98	252	120762	10.906	nq	98
83) Chrysene	14.06	228	1354435	43.317	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1121019	52.999	nq	99
85) Di-n-octyl phthalate	14.62	149	1743103	51.794	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1377155	51.841	nq	100
88) Benzo(b)fluoranthene	15.07	252	1292652	44.535	nq	100
89) Benzo(k)fluoranthene	15.11	252	1092272	42.209	nq	97
90) Benzo(a)pyrene	15.44	252	1129259	45.266	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	1131205	51.651	nq	99
92) Benzo(g,h,i)perylene	17.43	276	1157479	52.992	nq	99

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



#1

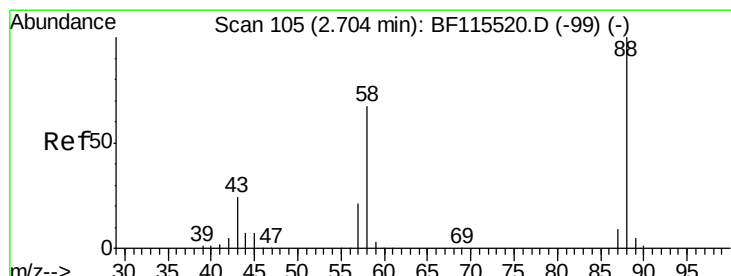
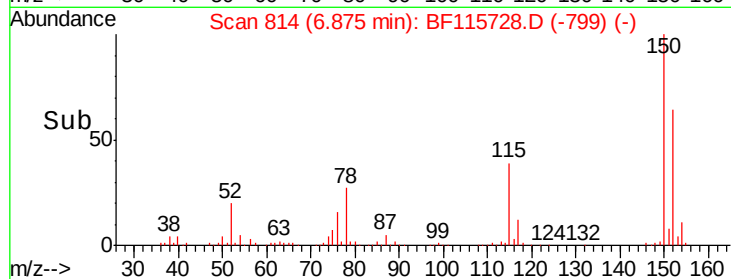
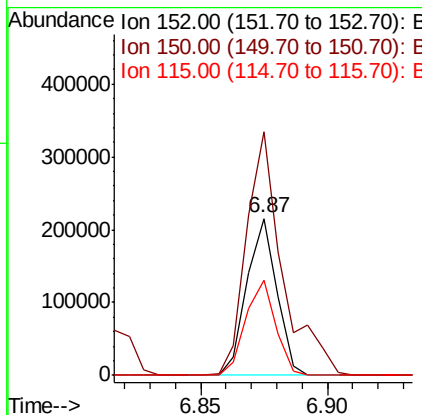
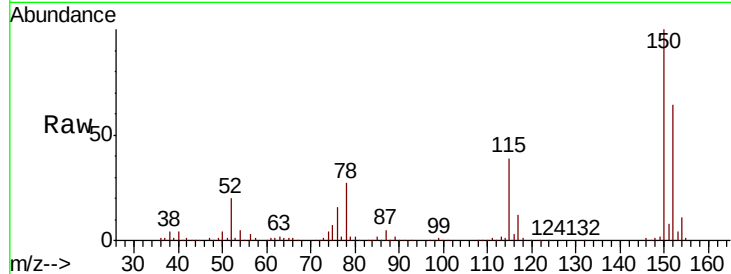
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	129.7	194.5
115	60.5	48.2	72.4

Manual Integrations
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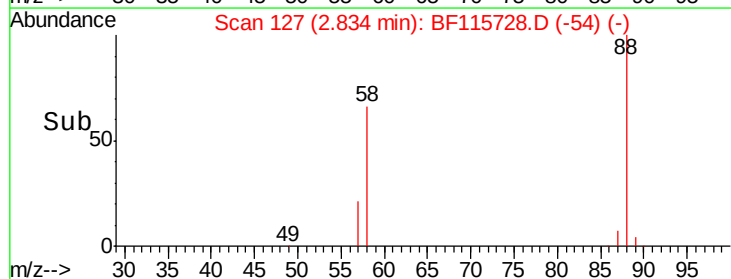
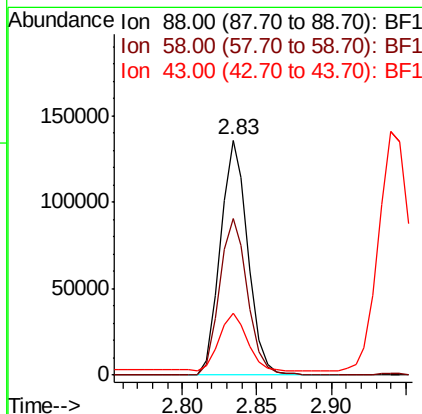
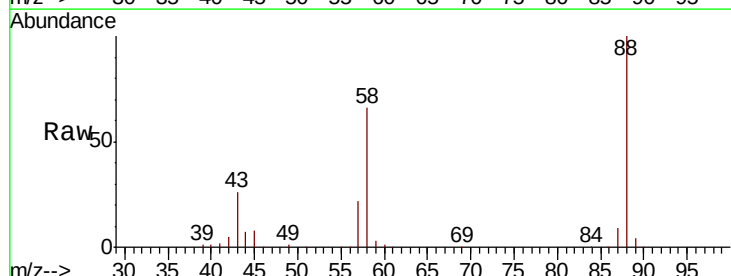
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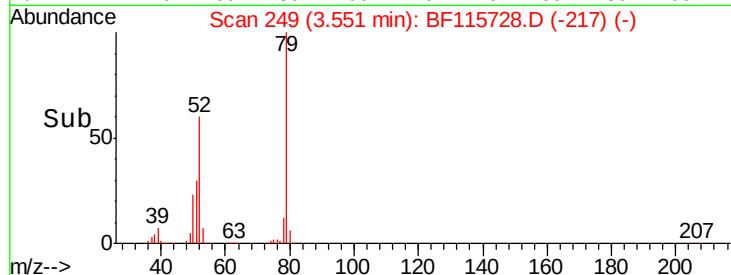
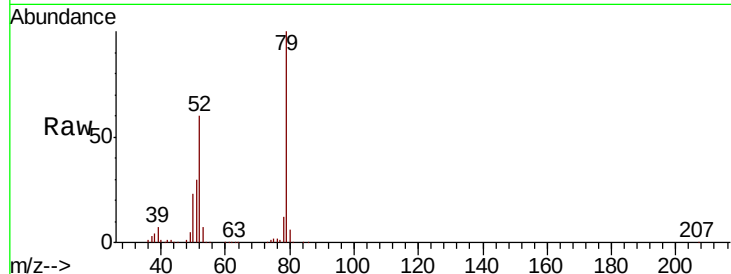
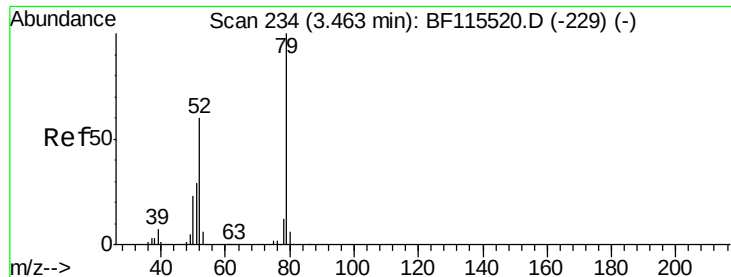


#2

1,4-Dioxane
Concen: 32.346 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.13 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	52.6	79.0
43	0.0	19.1	28.7#





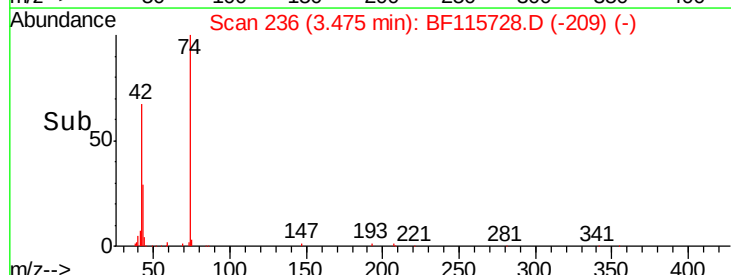
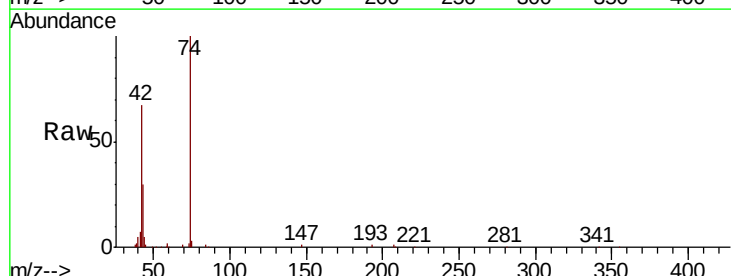
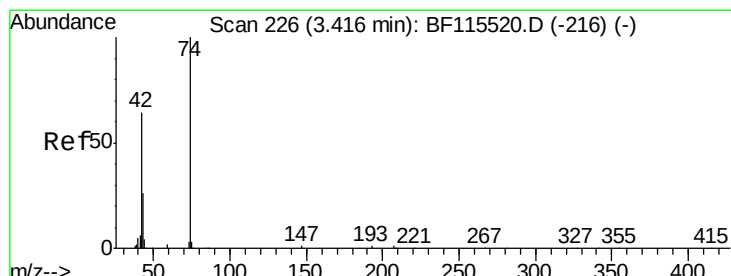
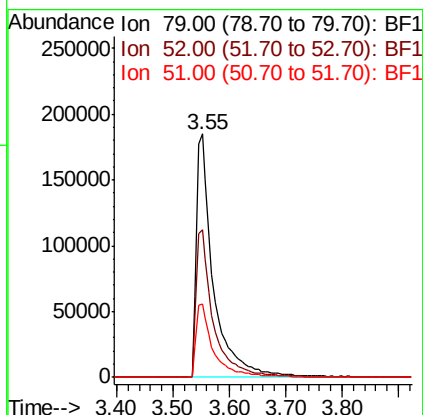
#3
Pvridine
Concen: 26.028 ng
RT: 3.55 min Scan# 249
Delta R.T. 0.09 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.5	47.8	71.6
51	30.1	23.8	35.8

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

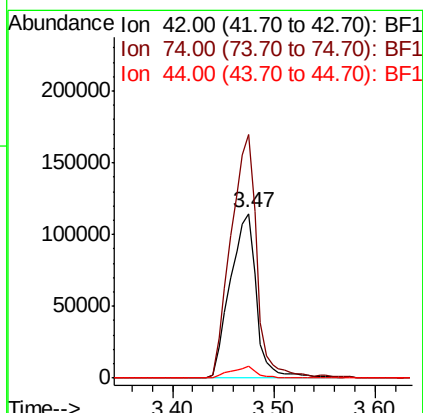
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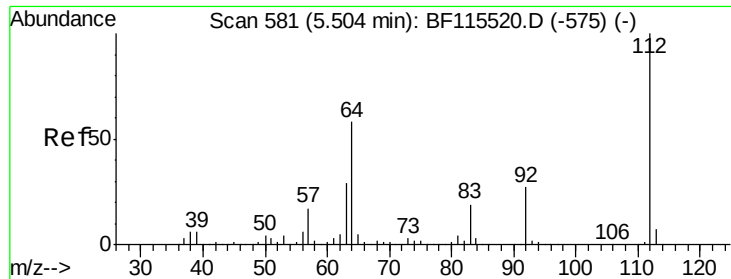
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#4
n-Nitrosodimethylamine
Concen: 38.785 ng
RT: 3.47 min Scan# 236
Delta R.T. 0.06 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.2	127.5	191.3
44	6.9	5.0	7.6





#5

2-Fluorophenol

Concen: 111.782 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

Tot Ion:112 Resp: 1217446

Ion Ratio Lower Upper

112 100

64 58.3 46.8 70.2

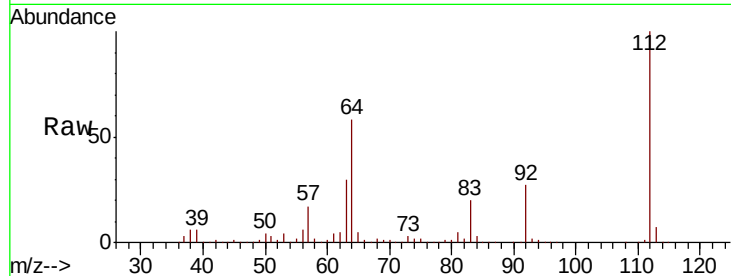
63 30.3 24.1 36.1

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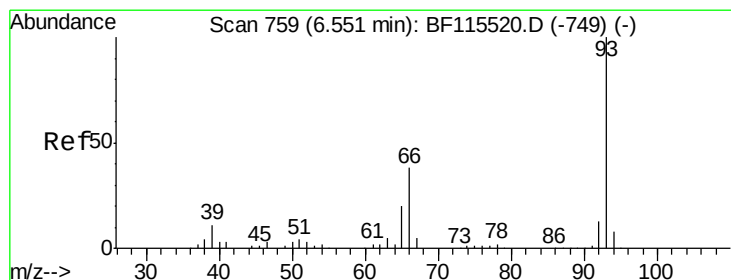
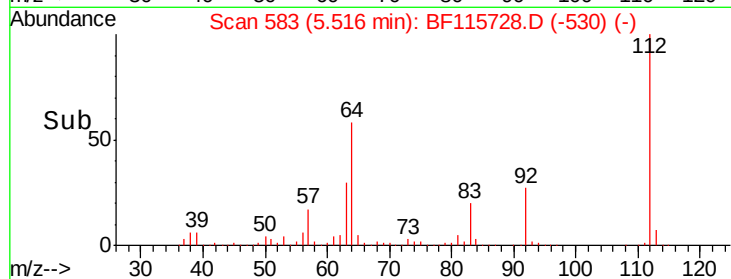
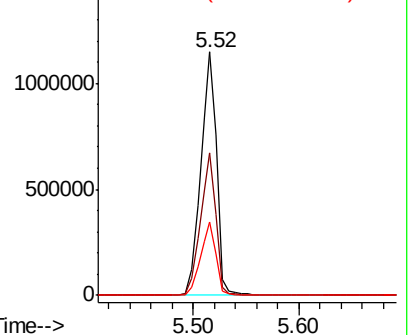
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Abundance Ion 112.00 (111.70 to 112.70): BF115520.D (-575) (-)

Ion 64.00 (63.70 to 64.70): BF115520.D (-575) (-)

Ion 63.00 (62.70 to 63.70): BF115520.D (-575) (-)



#6

Aniline

Concen: 11.348 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

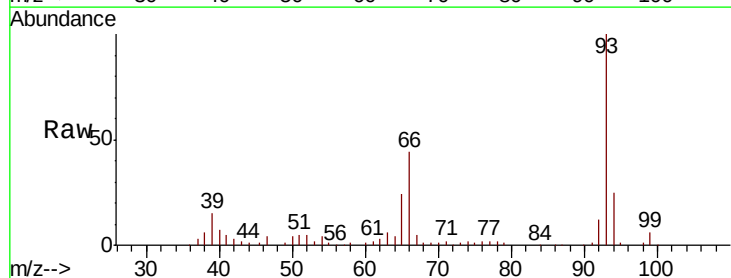
Tgt Ion: 93 Resp: 218253

Ion Ratio Lower Upper

93 100

66 43.7 31.7 47.5

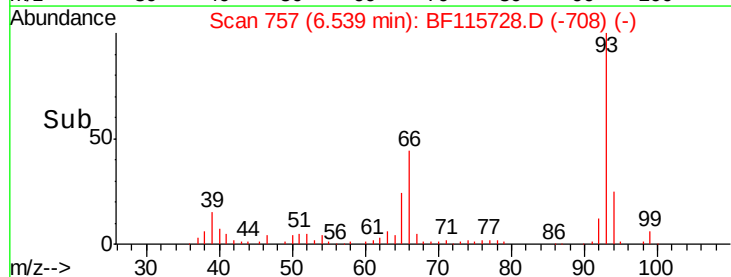
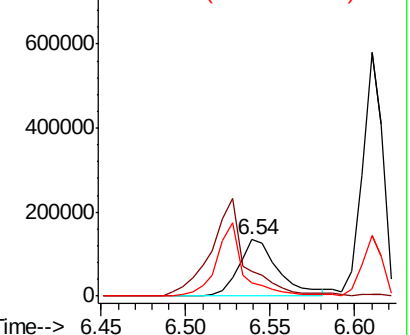
65 24.1 16.2 24.2

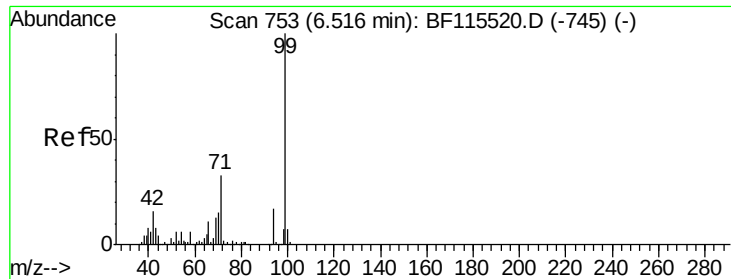


Abundance Ion 93.00 (92.70 to 93.70): BF115520.D (-749) (-)

Ion 66.00 (65.70 to 66.70): BF115520.D (-749) (-)

Ion 65.00 (64.70 to 65.70): BF115520.D (-749) (-)





#7

Phenol-d6

Concen: 109.938 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

Tot Ion: 99 Resp: 1519322

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

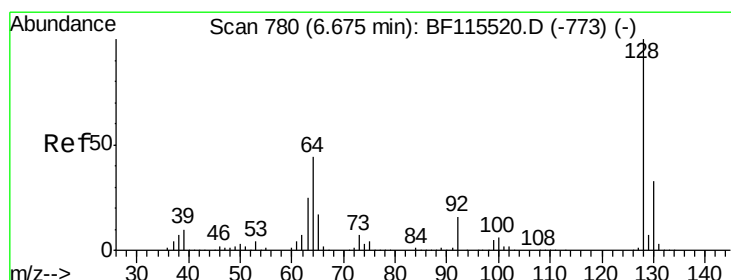
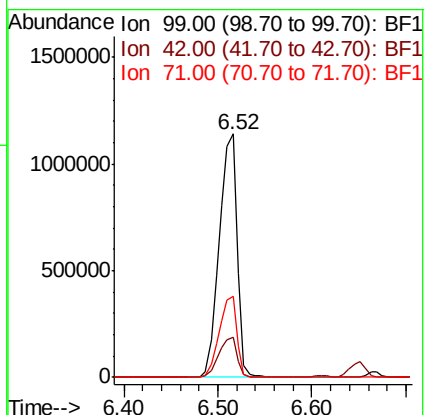
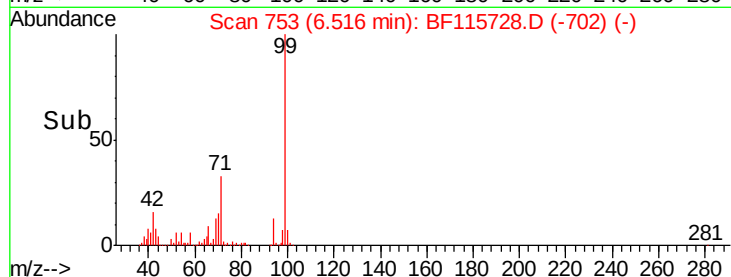
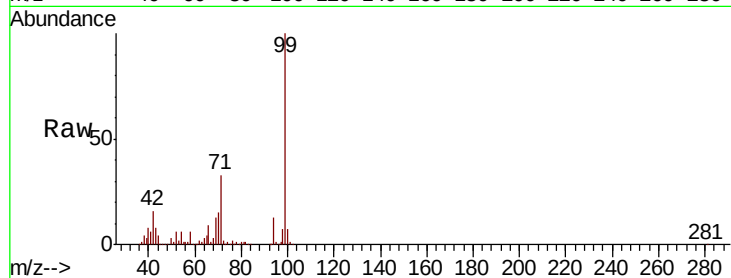
71 33.3 28.5 42.7

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#8

2-Chlorophenol

Concen: 38.876 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

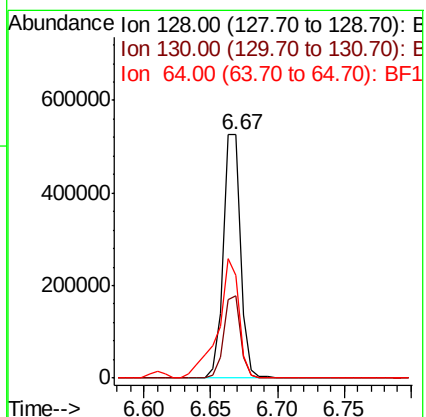
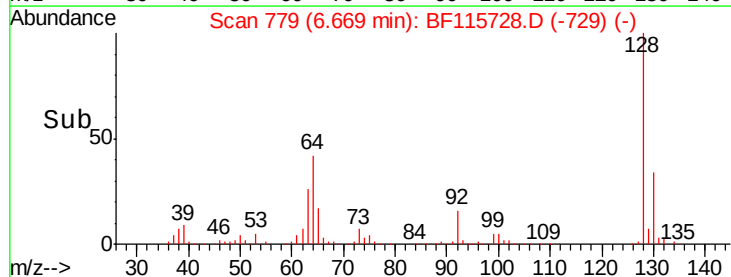
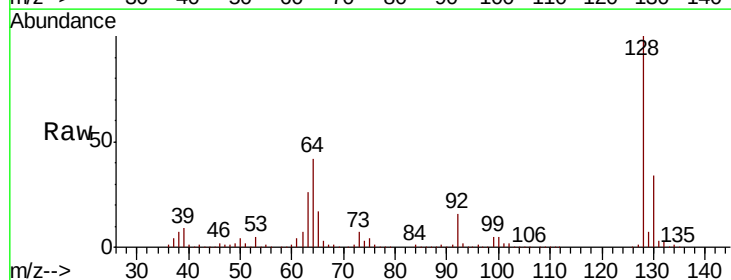
Tgt Ion: 128 Resp: 486803

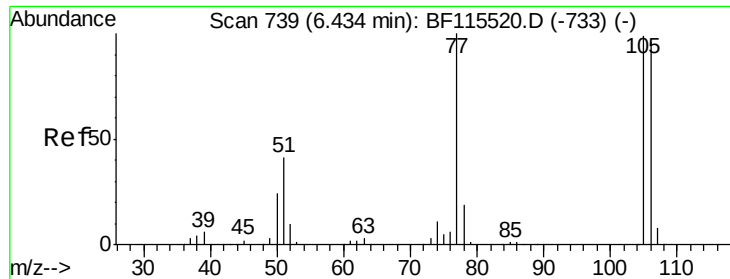
Ion Ratio Lower Upper

128 100

130 33.9 12.8 52.8

64 42.0 26.8 66.8





#9

Benzaldehyde

Concen: 22.503 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

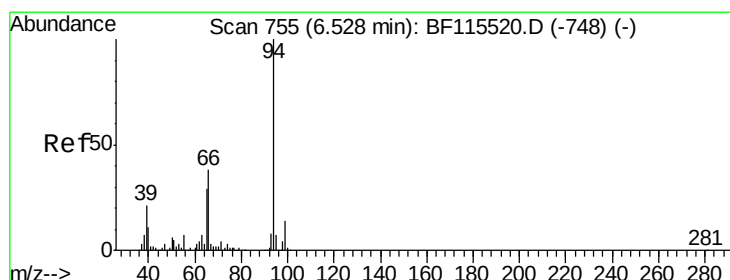
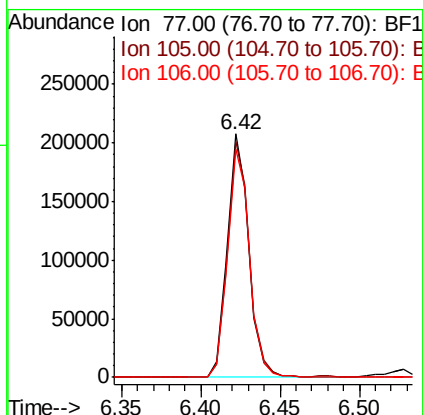
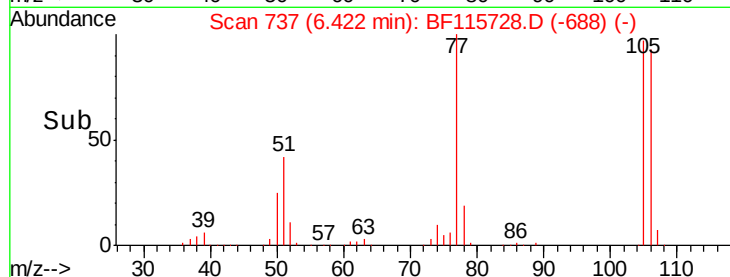
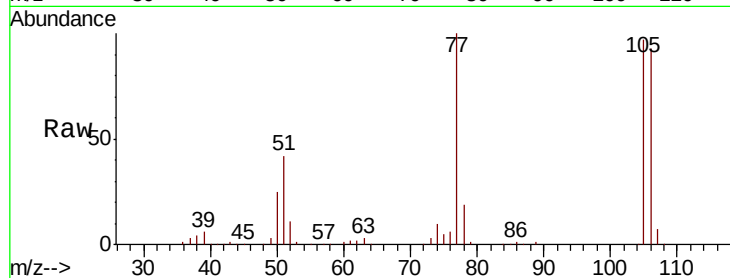
ClientSampleId :

NB-07-071919-AMSD

Tot Ion:	77	Resp:	194338
Ion Ratio	Lower	Upper	
77	100		
105	97.0	78.8	118.8
106	93.5	75.6	115.6

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#10

Phenol

Concen: 33.230 ng

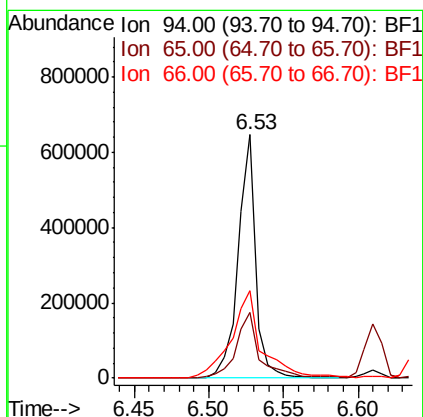
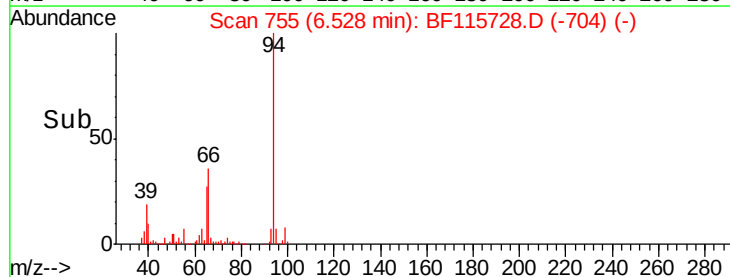
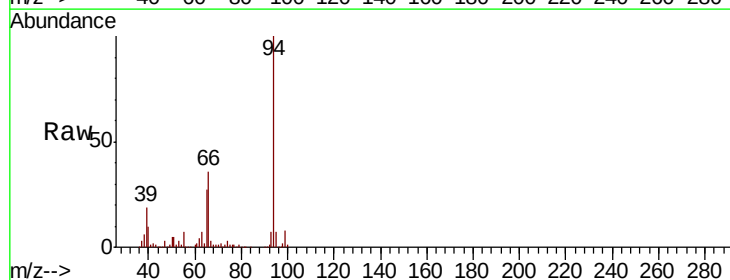
RT: 6.53 min Scan# 755

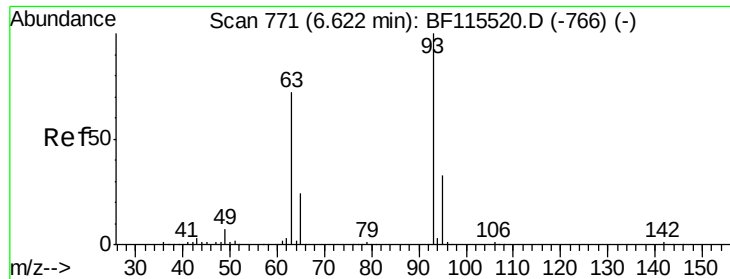
Delta R.T. -0.00 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Tgt Ion:	94	Resp:	533112
Ion Ratio	Lower	Upper	
94	100		
65	27.1	14.5	54.5
66	35.8	31.3	71.3





#11

bis(2-Chloroethyl)ether

Concen: 40.276 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

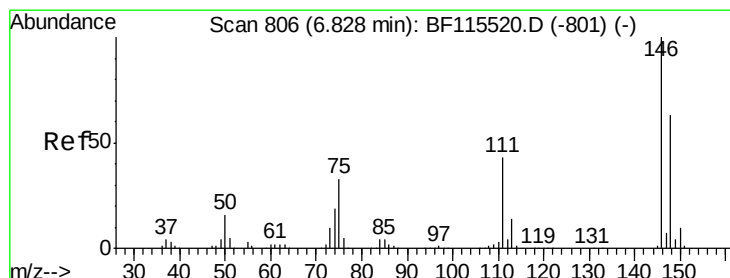
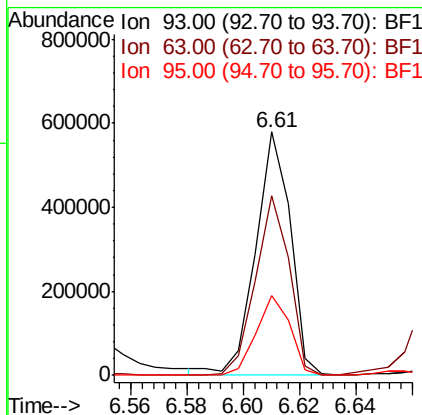
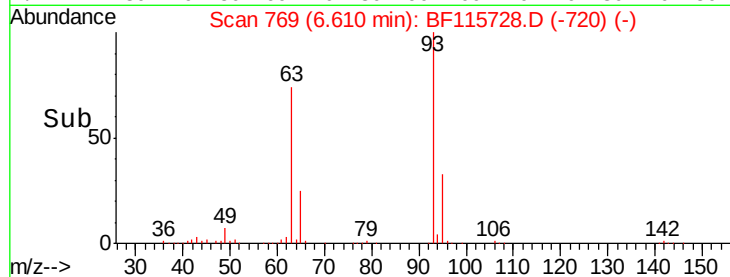
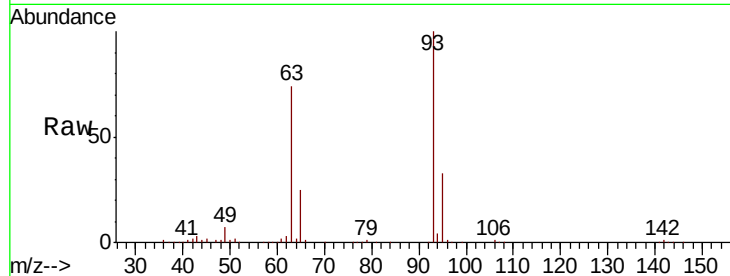
ClientSampleId :

NB-07-071919-AMSD

Tot Ion:	93	Resp:	491944
Ion Ratio	Lower	Upper	
93	100		
63	73.9	52.2	92.2
95	33.0	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 36.141 ng

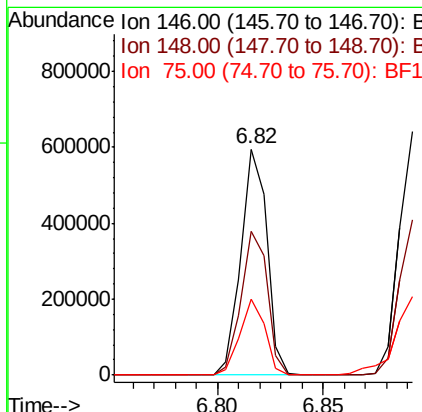
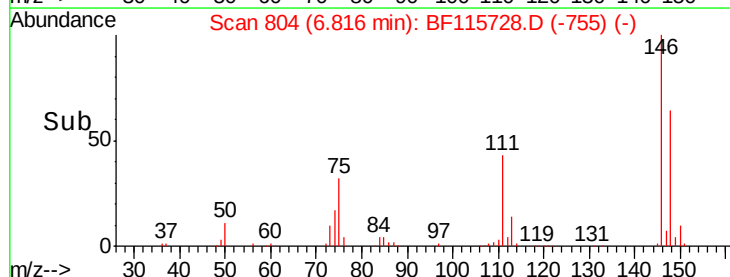
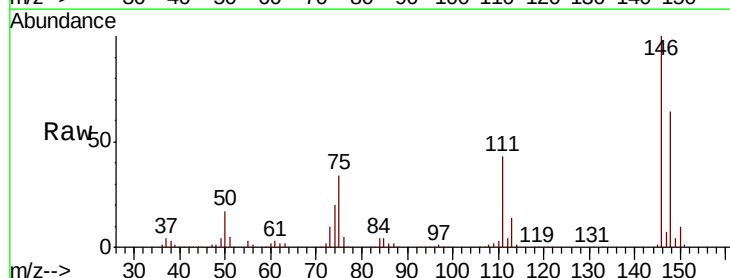
RT: 6.82 min Scan# 804

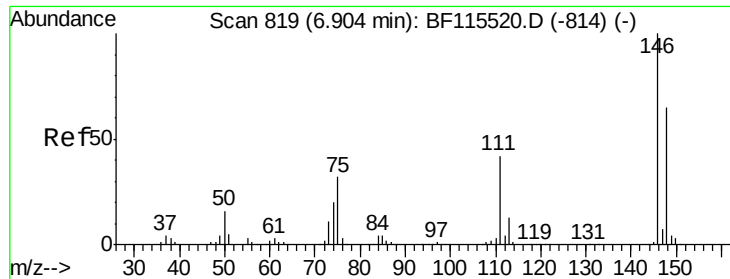
Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Tgt Ion:	146	Resp:	508820
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.1	78.1
75	33.6	24.9	37.3





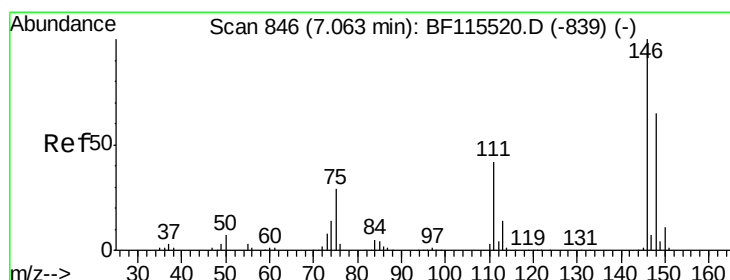
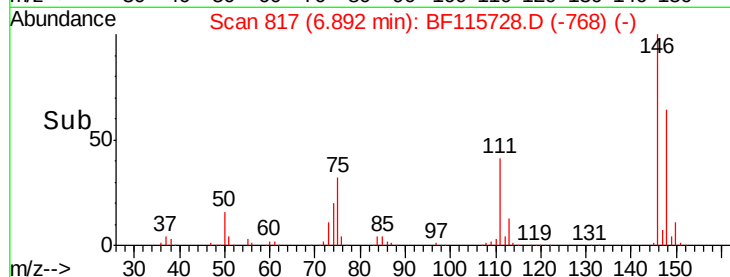
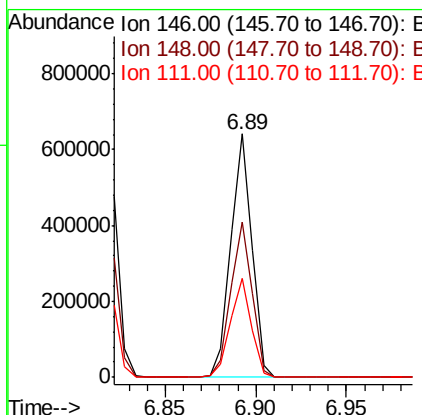
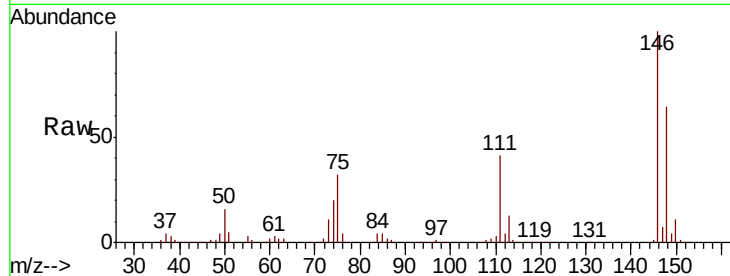
#13
1,4-Dichlorobenzene
Concen: 37.268 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	40.9	35.5	53.3

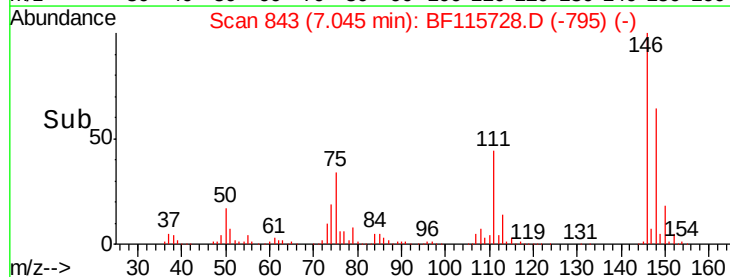
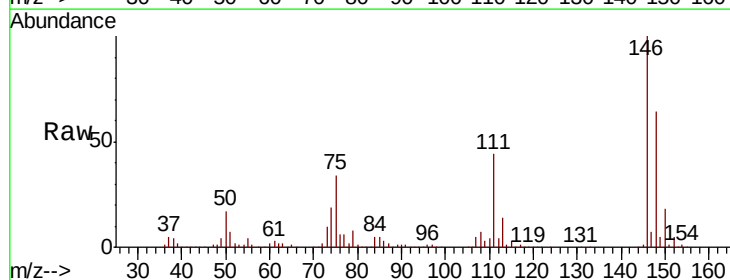
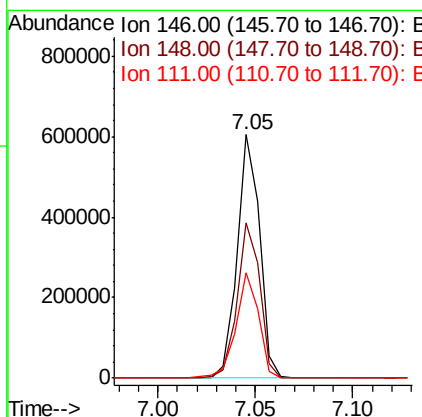
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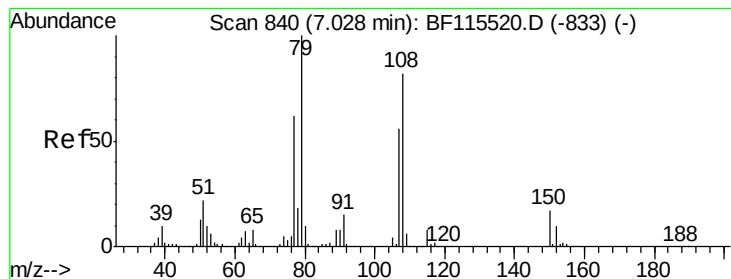
mohammad
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#14
1,2-Dichlorobenzene
Concen: 37.343 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	43.5	37.6	56.4





#15

Benzyl Alcohol

Concen: 40.426 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

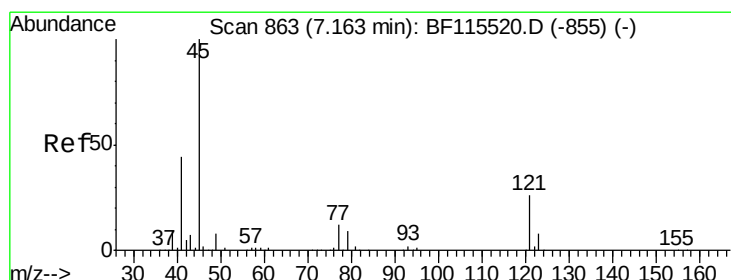
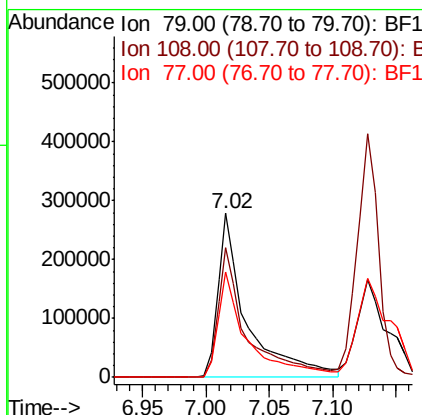
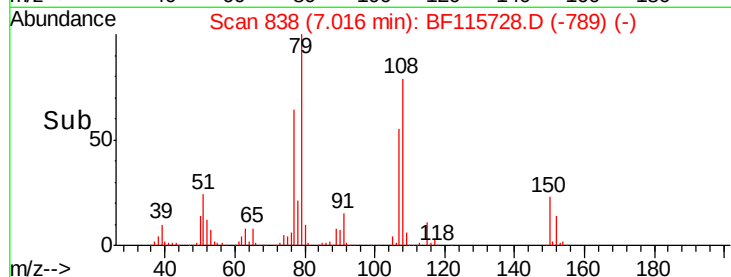
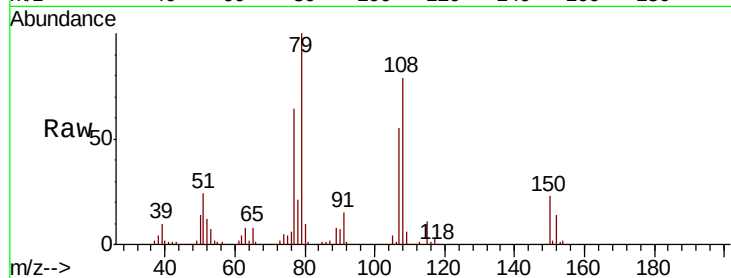
ClientSampleId :

NB-07-071919-AMSD

Tot Ion:	79	Resp:	443193
Ion	Ratio	Lower	Upper
79	100		
108	78.9	64.2	96.4
77	64.2	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.704 ng

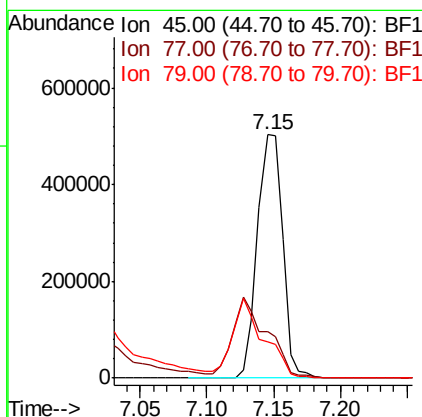
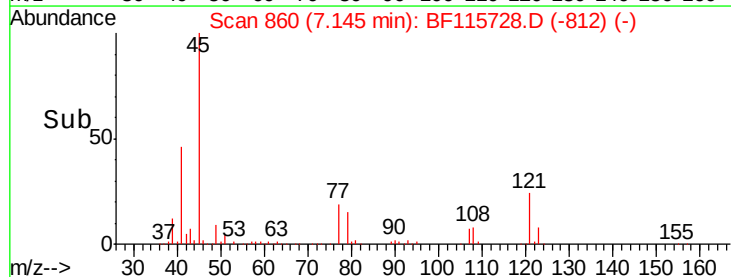
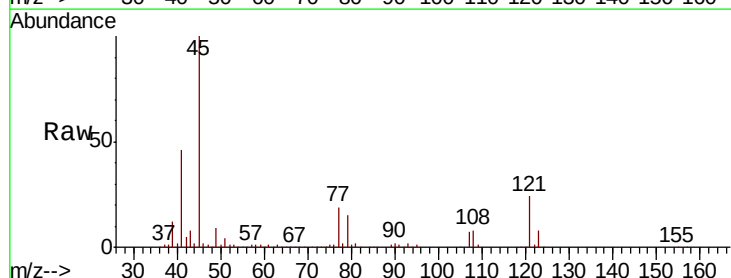
RT: 7.15 min Scan# 860

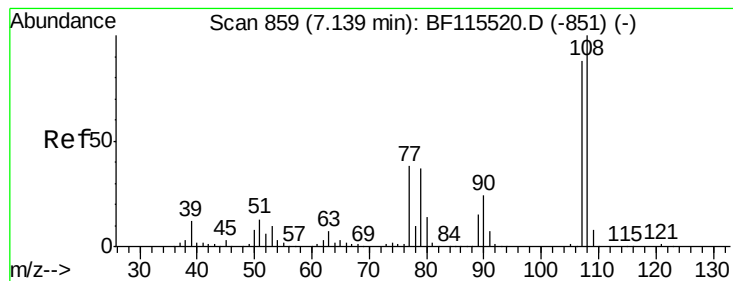
Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Tgt Ion:	45	Resp:	654544
Ion	Ratio	Lower	Upper
45	100		
77	19.0	0.0	38.1
79	14.9	0.0	34.1





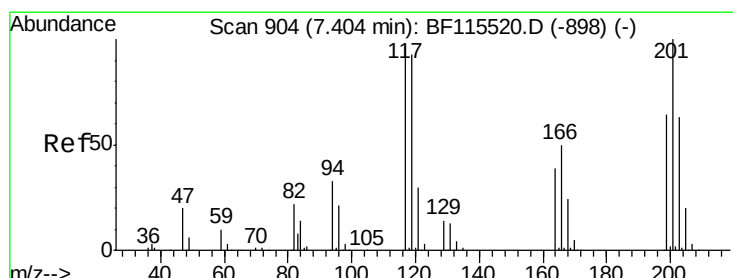
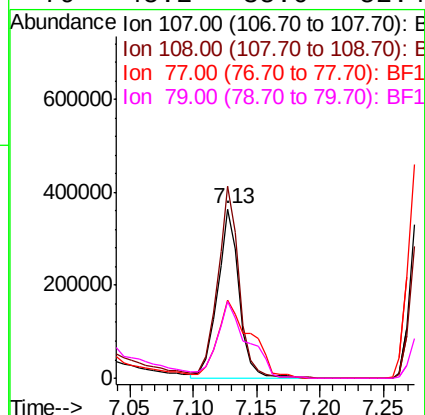
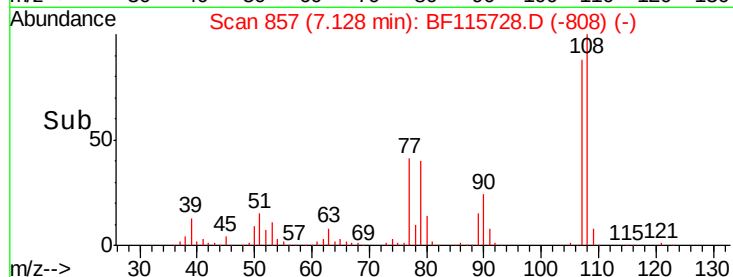
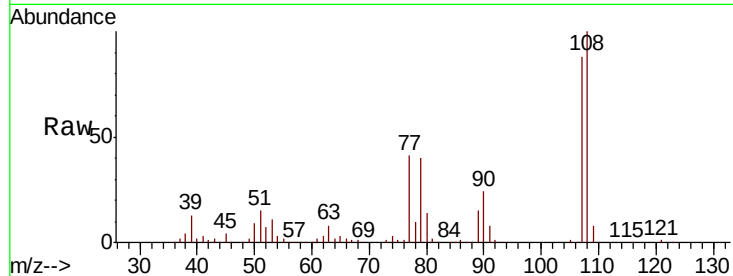
#17
2-Methylphenol
Concen: 40.152 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	433291		
108	113.4	89.4	134.2	
77	46.3	35.7	53.5	
79	45.2	35.0	52.4	

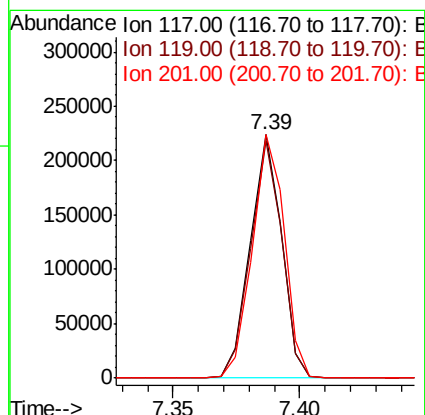
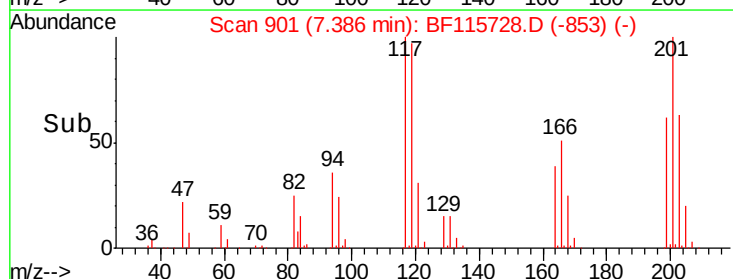
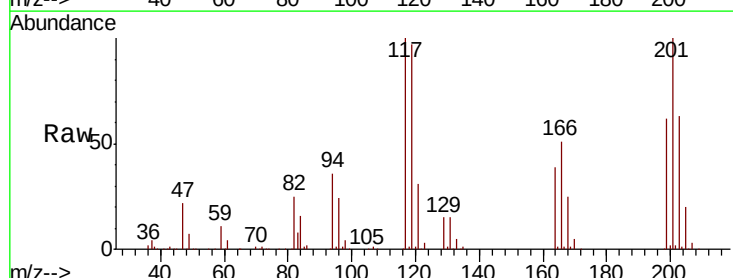
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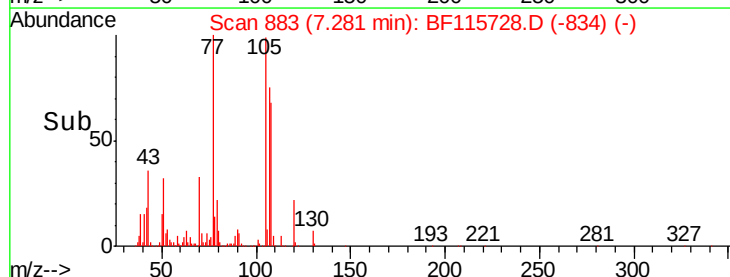
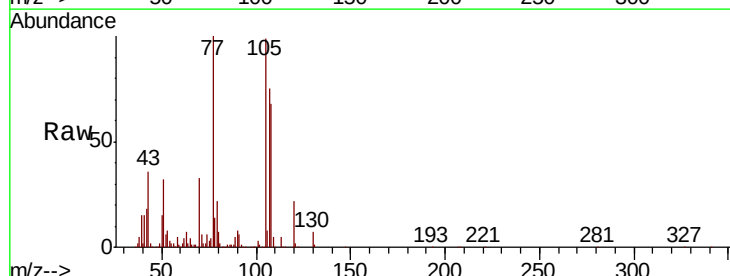
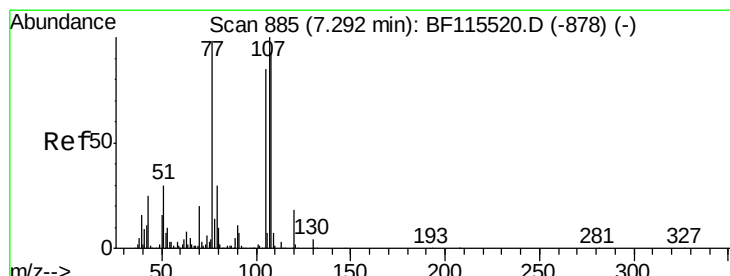
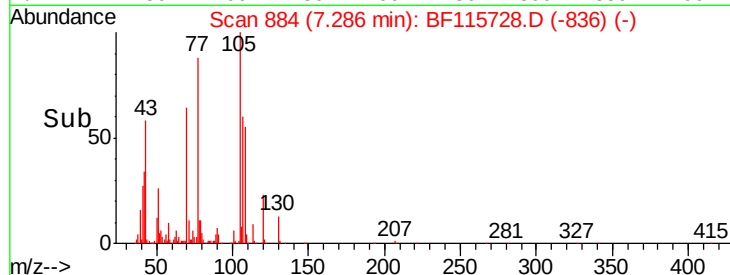
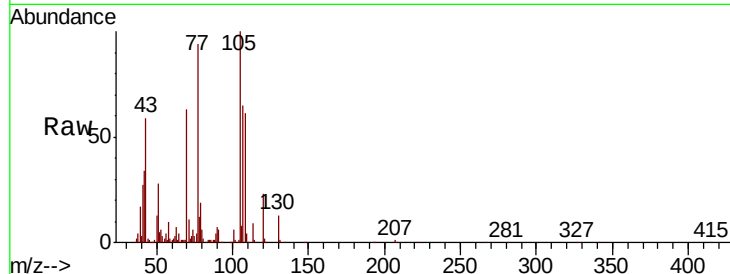
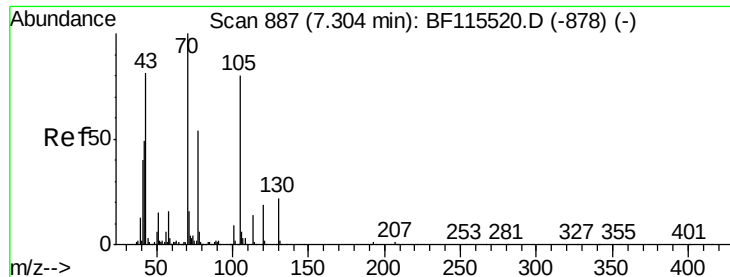
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#18
Hexachloroethane
Concen: 37.066 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

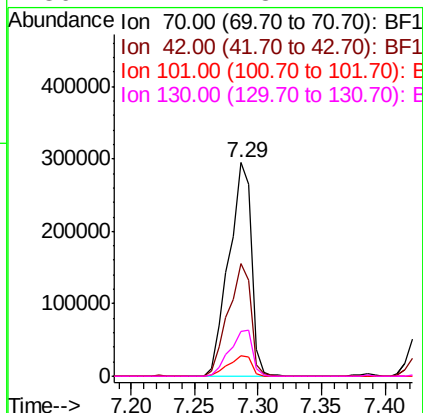
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	193255		
119	97.2	77.7	116.5	
201	99.8	86.0	129.0	





#19
n-Nitroso-di-n-propylamine
Concen: 40.199 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.0	39.6	59.4		
101	9.6	8.1	12.1		
130	21.1	18.2	27.2		



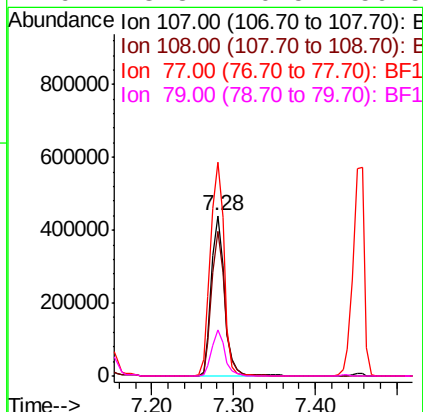
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

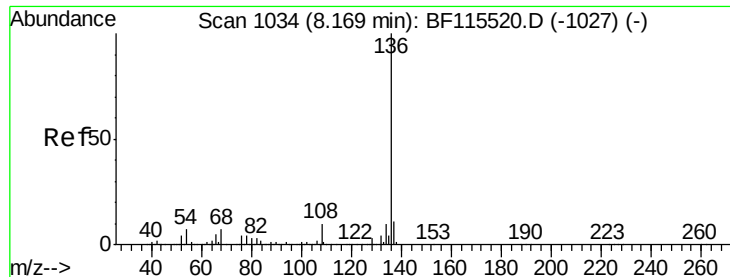
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#20
3+4-Methylphenols
Concen: 38.414 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.3	72.9	112.9		
77	133.2	77.6	117.6#		
79	28.8	10.5	50.5		





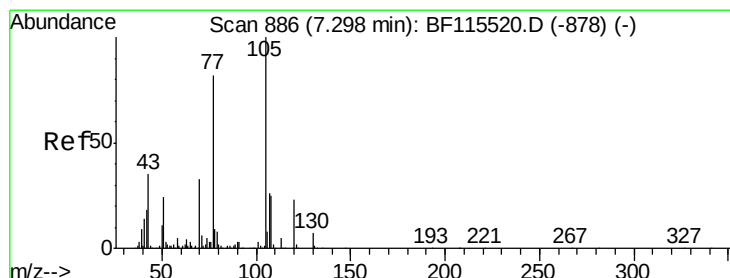
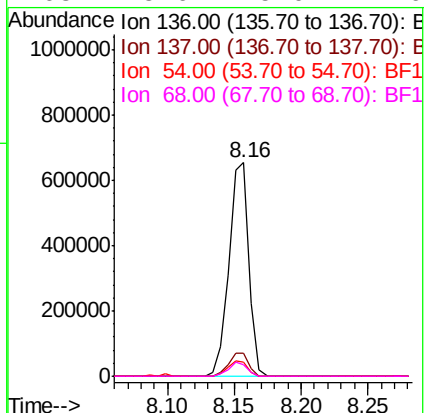
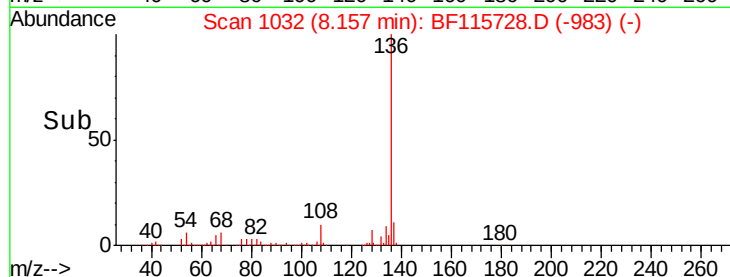
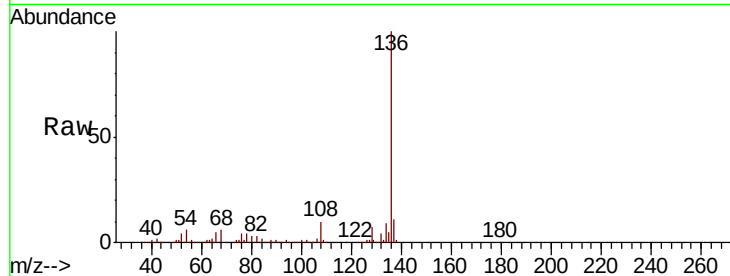
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	687601		
137	11.0		9.0	13.4
54	6.4		5.6	8.4
68	5.6		5.0	7.6

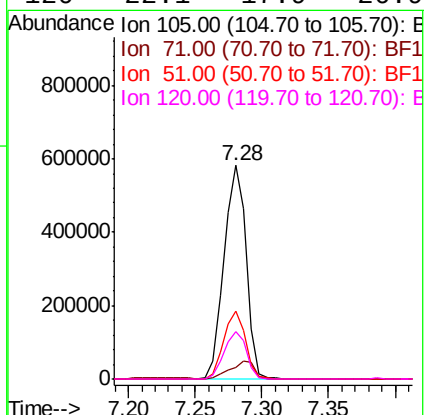
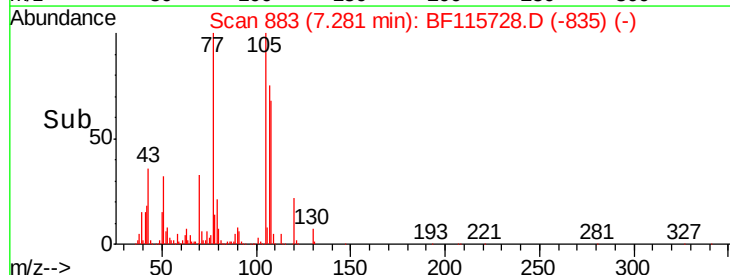
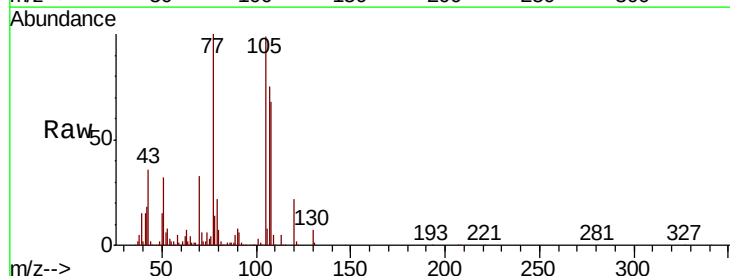
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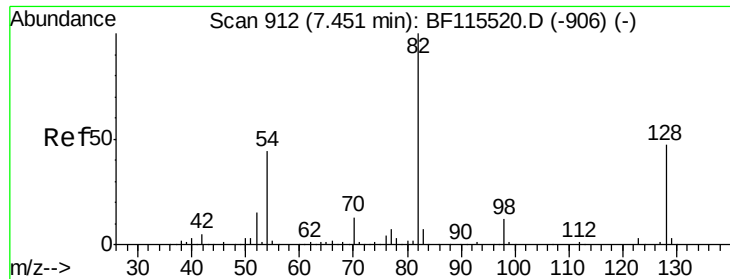
mohammad
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#22
Acetophenone
Concen: 44.162 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	686010		
71	5.6		3.5	5.3#
51	31.9		25.6	38.4
120	22.1		17.9	26.9





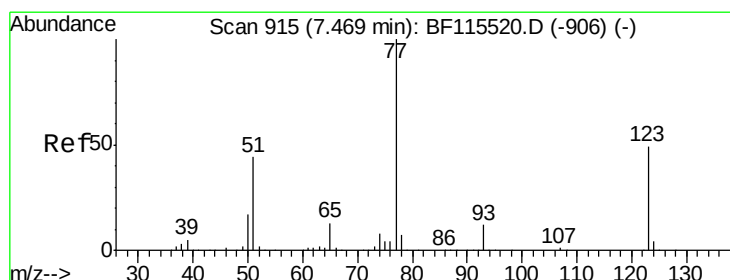
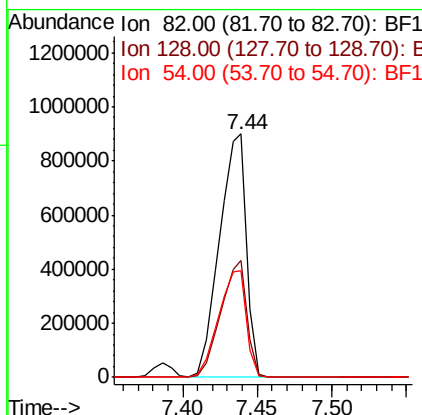
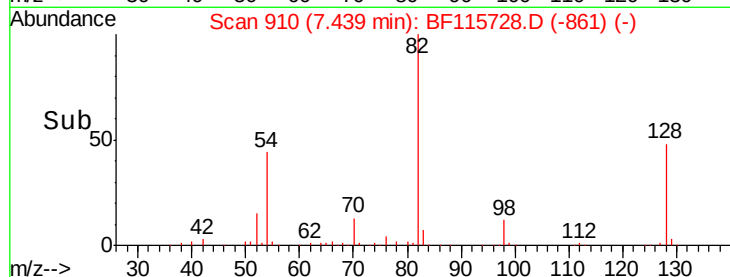
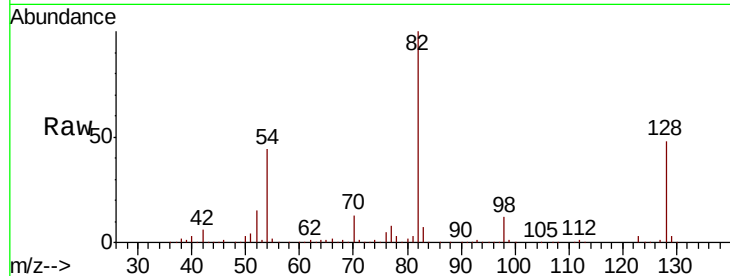
#23
 Nitrobenzene-d5
 Concen: 96.730 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMSD

Tot Ion: 82 Resp: 1143859
 Ion Ratio Lower Upper
 82 100
 128 48.1 38.6 57.8
 54 44.0 35.6 53.4

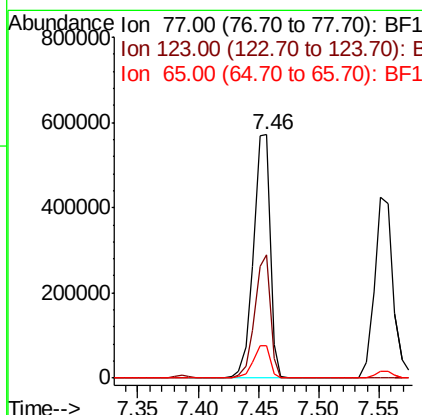
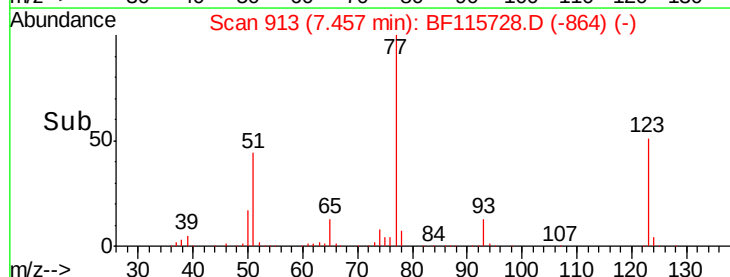
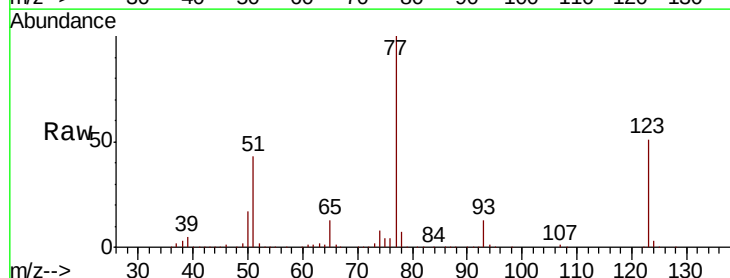
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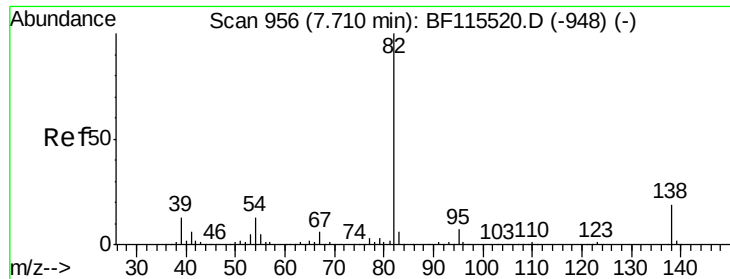
mohammad
 7/24/2019 11:35:02 AM



#24
 Nitrobenzene
 Concen: 43.830 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Tgt Ion: 77 Resp: 559034
 Ion Ratio Lower Upper
 77 100
 123 50.7 40.0 60.0
 65 13.2 11.0 16.4





#25

Isophorone

Concen: 44.923 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

Tot Ion: 82 Resp: 1062998

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

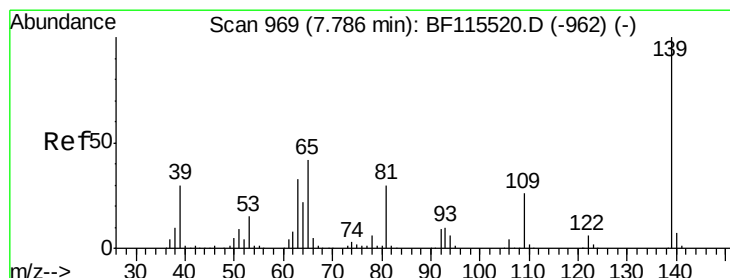
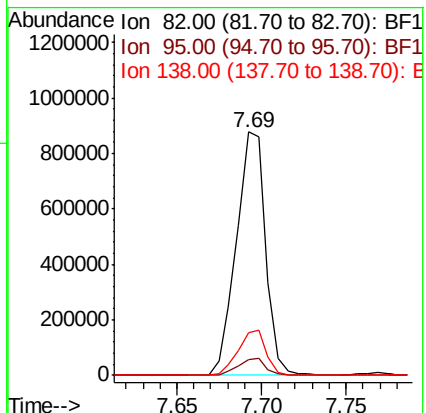
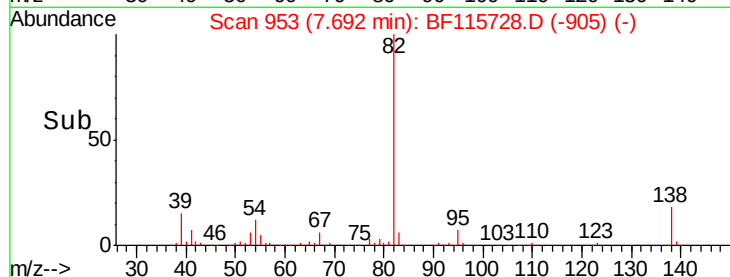
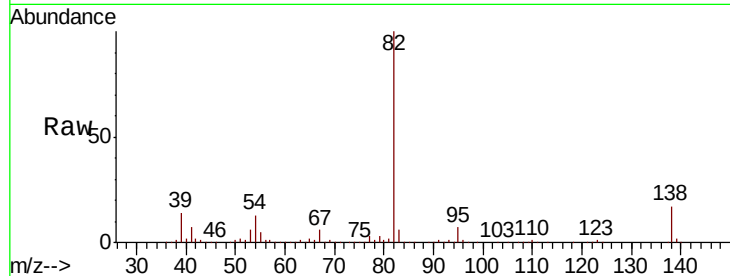
138 17.3 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 43.567 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

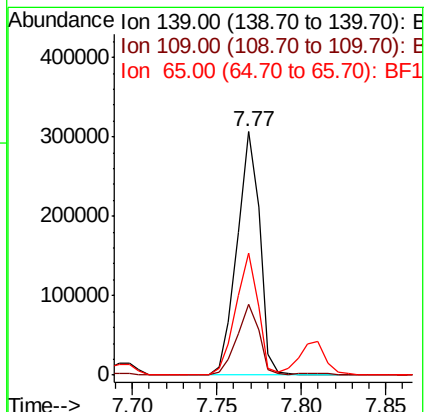
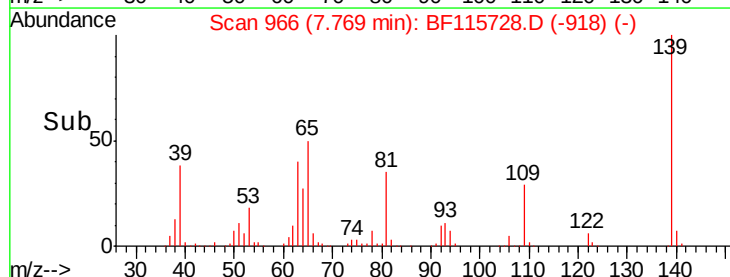
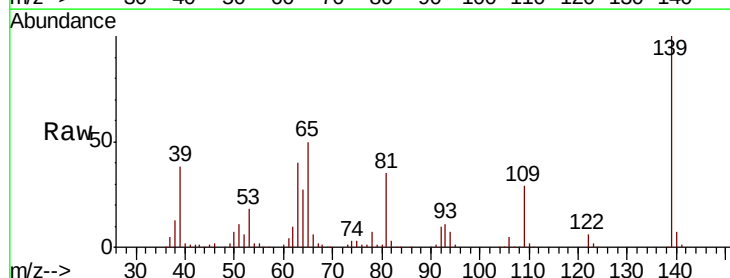
Tgt Ion: 139 Resp: 286019

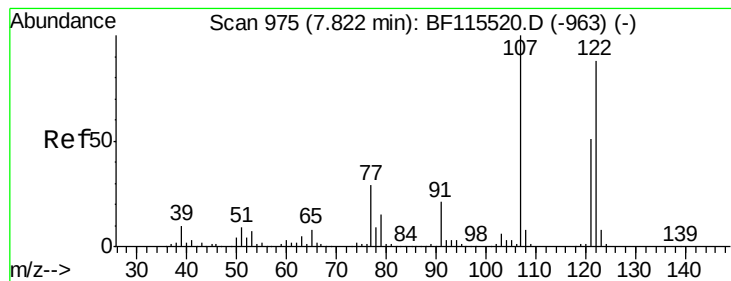
Ion Ratio Lower Upper

139 100

109 29.0 23.3 34.9

65 50.4 37.9 56.9





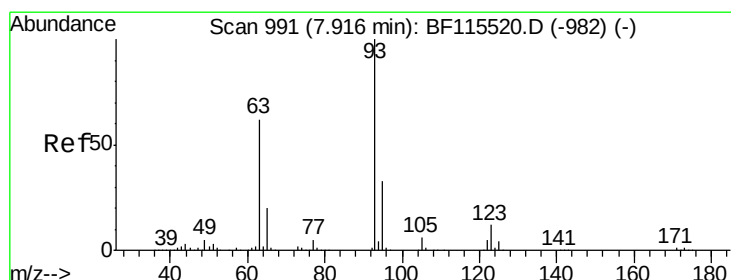
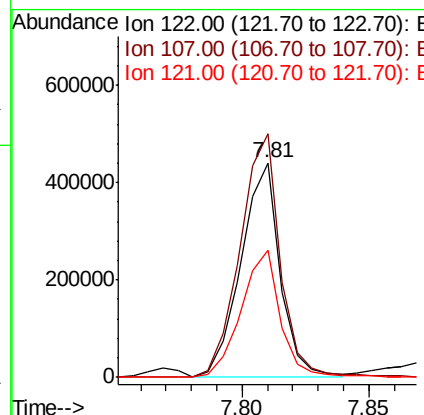
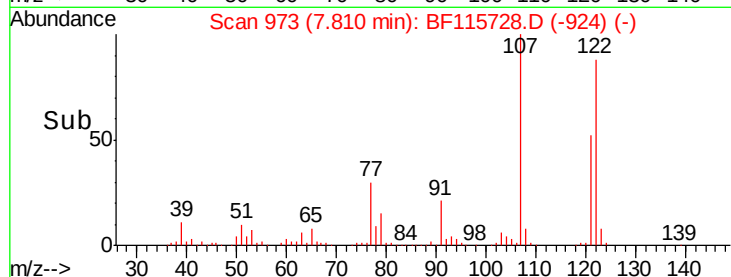
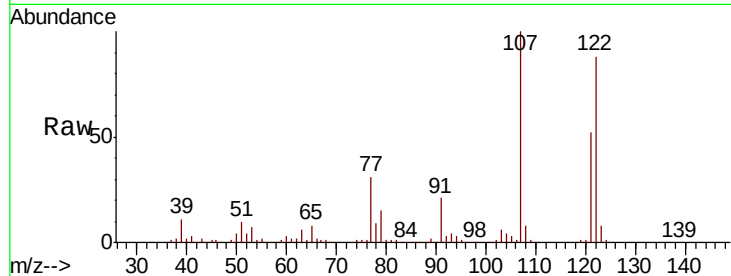
#27
 2,4-Dimethylphenol
 Concen: 48.293 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMSD

Tot Ion:	122	Resp:	474375
Ion Ratio	Lower	Upper	
122	100		
107	113.6	92.9	139.3
121	59.3	46.9	70.3

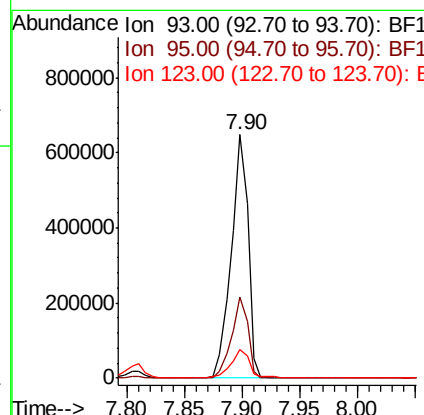
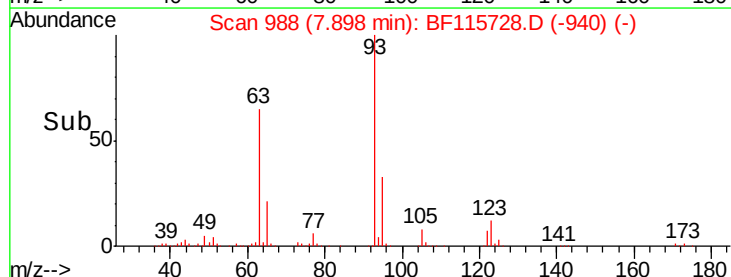
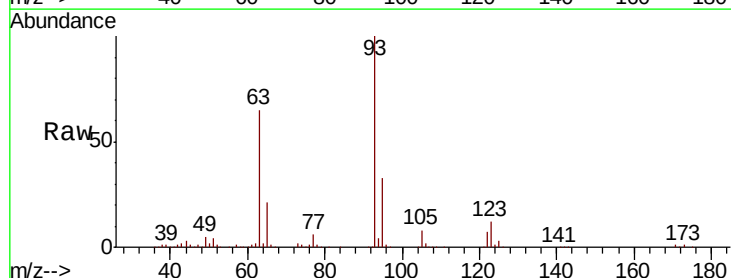
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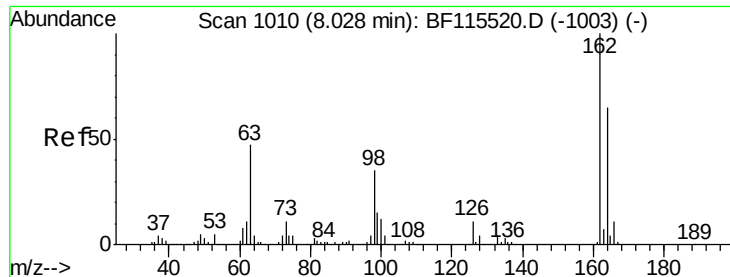
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.073 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.02 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Tgt Ion:	93	Resp:	654297
Ion Ratio	Lower	Upper	
93	100		
95	33.2	27.0	40.4
123	11.9	9.9	14.9





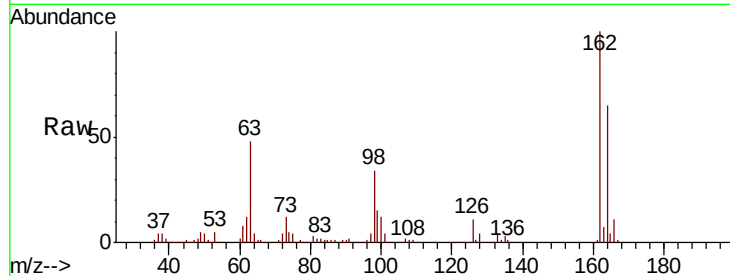
#29
2,4-Dichlorophenol
Concen: 45.415 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

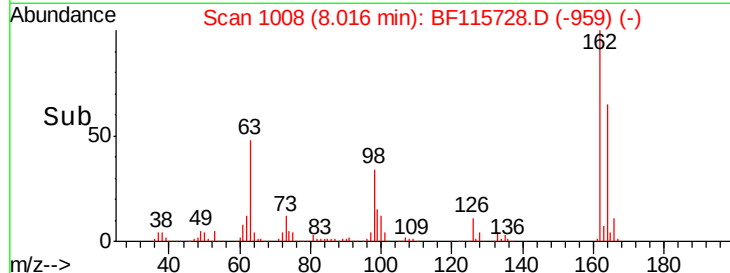
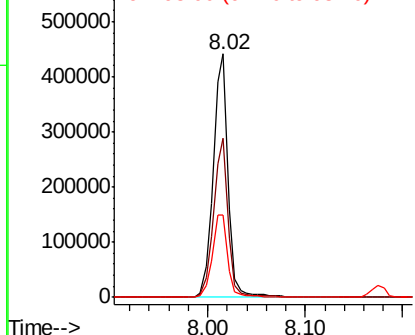
Tot Ion	Ratio	Resp	Lower	Upper
162	100	463946		
164	65.2		44.9	84.9
98	34.0		17.7	57.7

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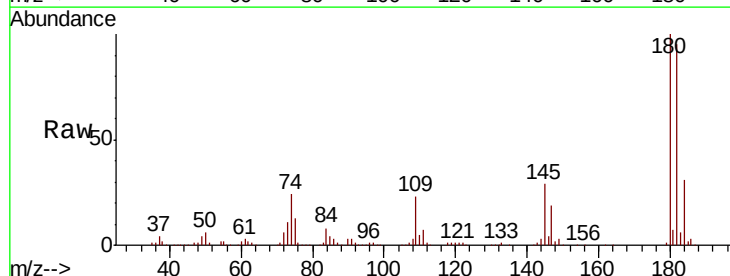
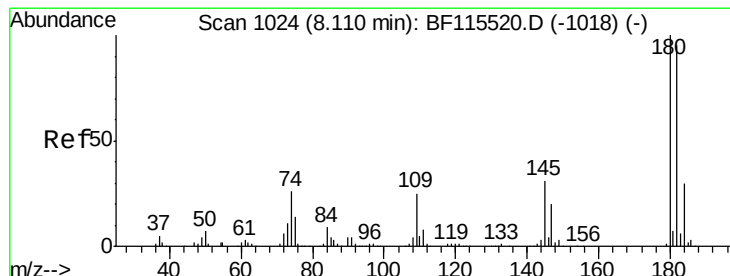
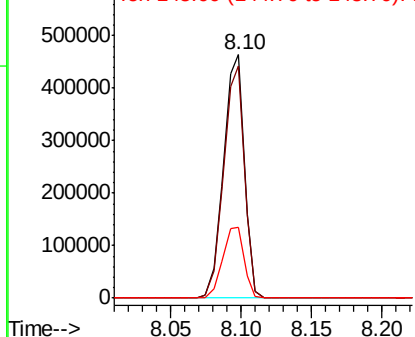
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

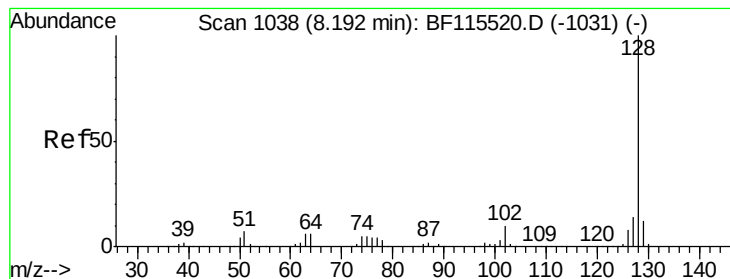


#30
1,2,4-Trichlorobenzene
Concen: 41.031 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	473803		
182	95.4		75.0	112.6
145	29.3		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: 43.569 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

Tot Ion:128 Resp: 1450872

Ion Ratio Lower Upper

128 100

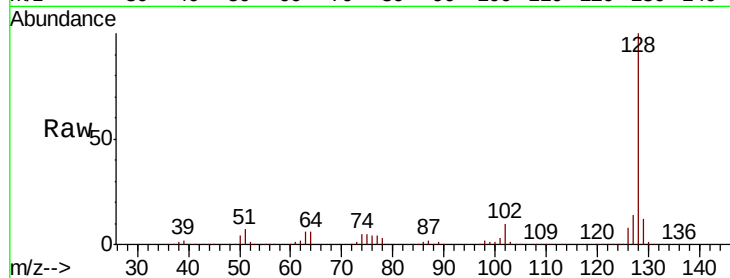
129 11.8 9.9 14.9

127 13.9 12.1 18.1

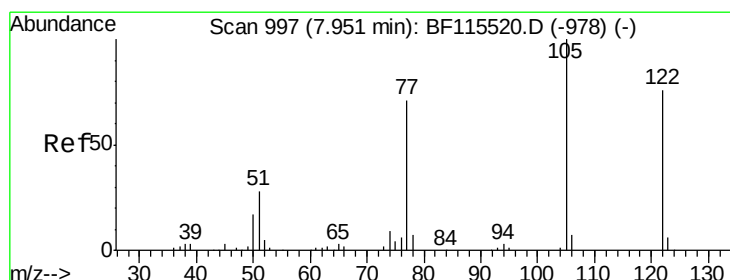
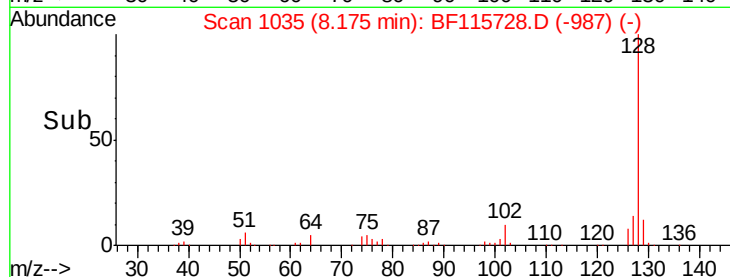
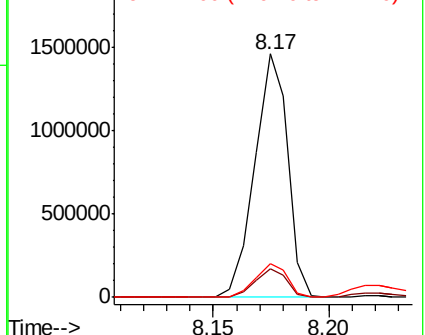
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Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.648 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.03 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

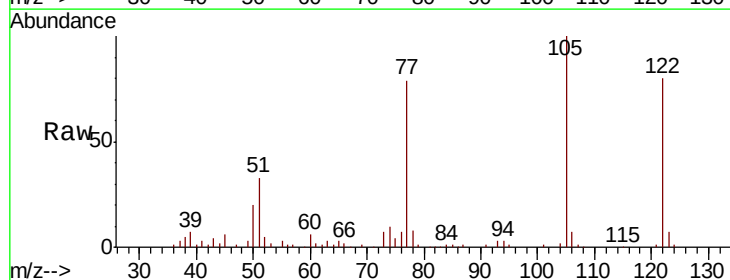
Tgt Ion:122 Resp: 214819

Ion Ratio Lower Upper

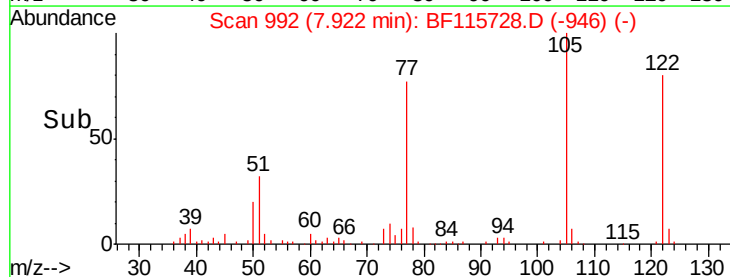
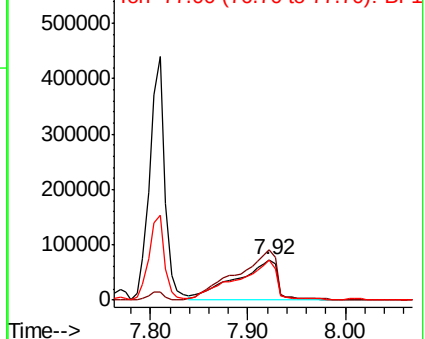
122 100

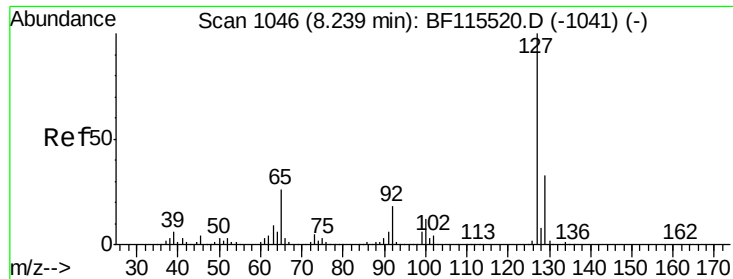
105 124.7 102.5 142.5

77 98.0 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





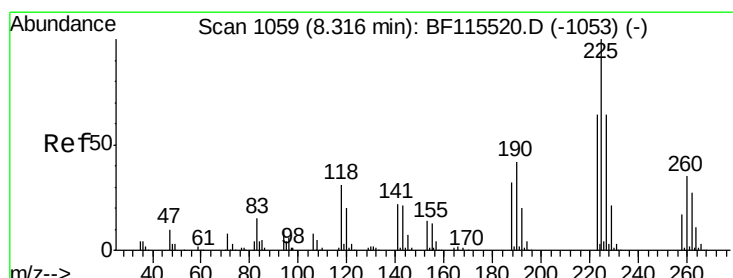
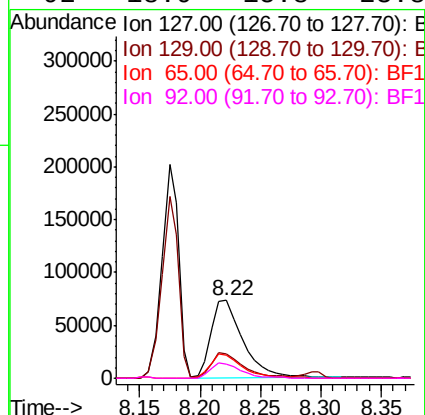
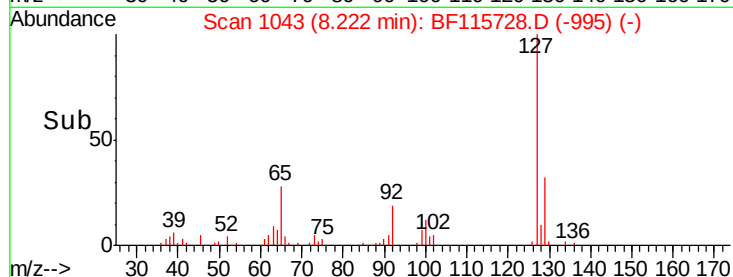
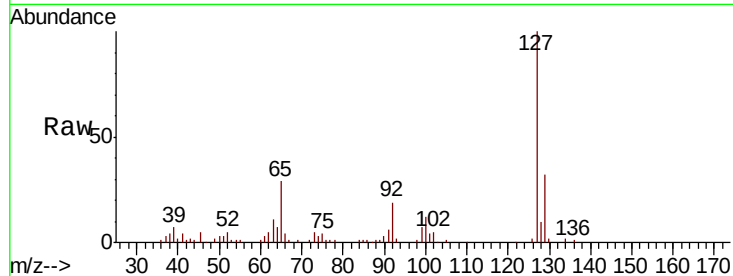
#33
4-Chloroaniline
Concen: 9.112 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.6	39.8		
65	28.9	23.7	35.5		
92	18.9	15.8	23.8		

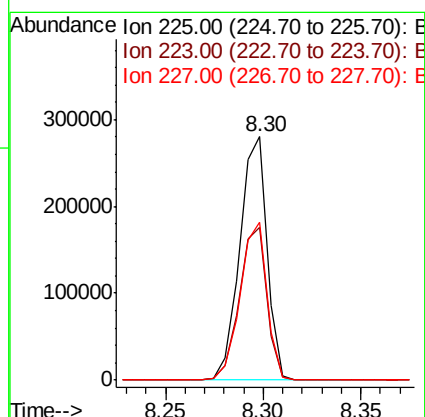
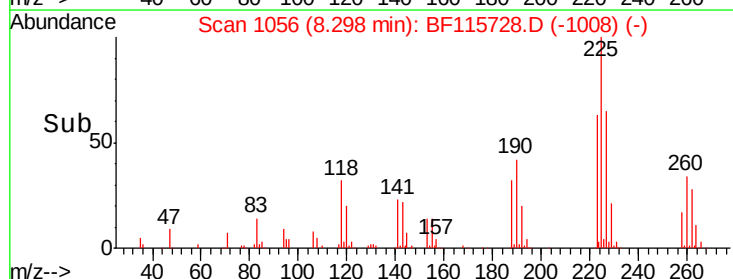
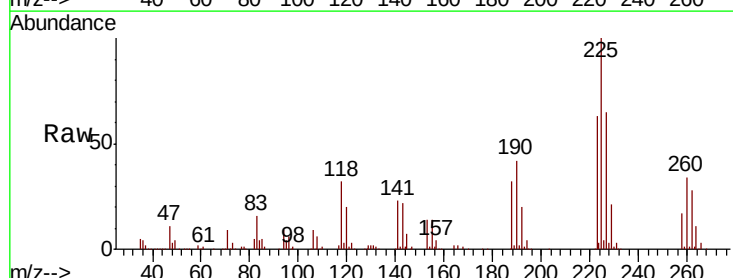
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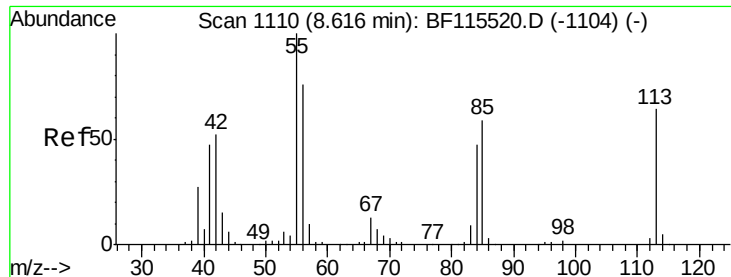
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#34
Hexachlorobutadiene
Concen: 40.965 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.9	76.3		
227	65.1	50.7	76.1		





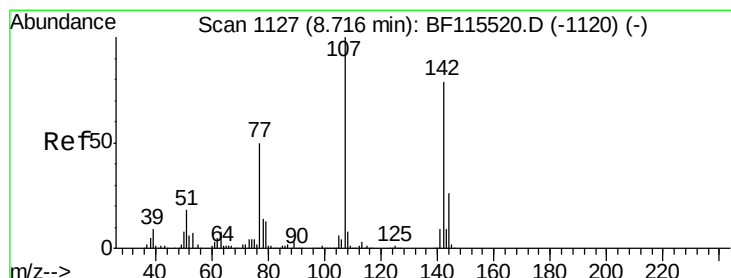
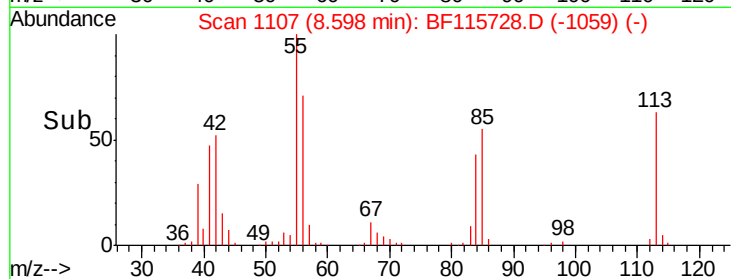
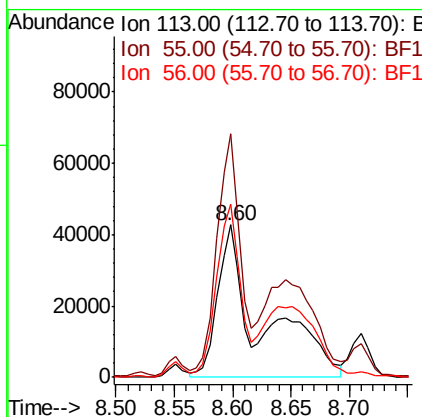
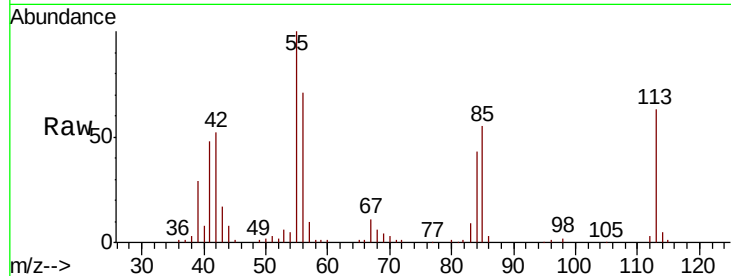
#35
Caprolactam
Concen: 35.096 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.7	126.9	166.9
56	113.4	90.3	130.3

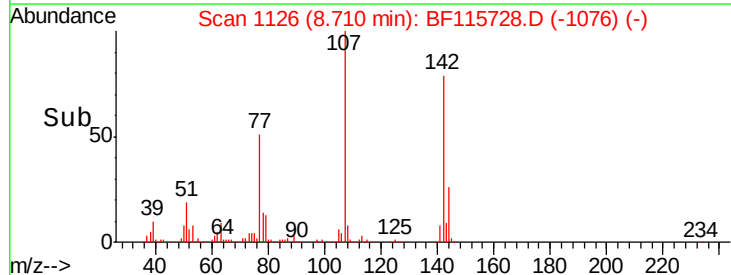
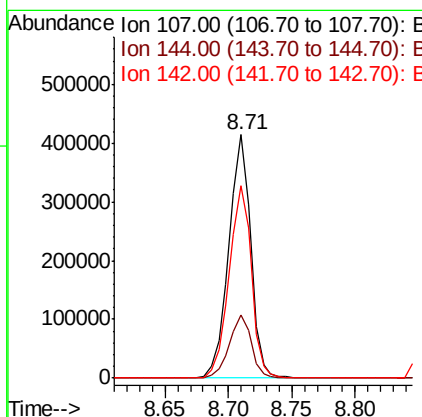
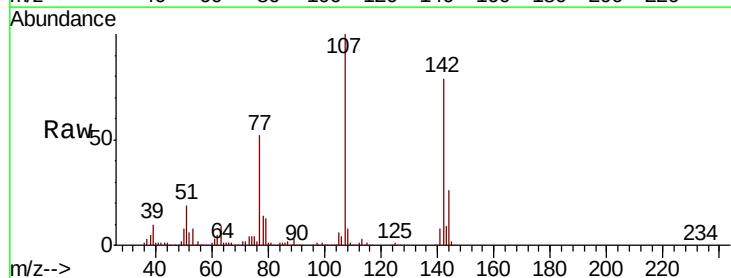
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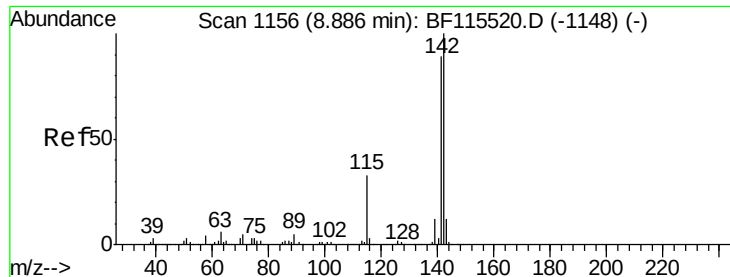
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#36
4-Chloro-3-methylphenol
Concen: 46.643 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.6	30.8
142	79.2	63.1	94.7





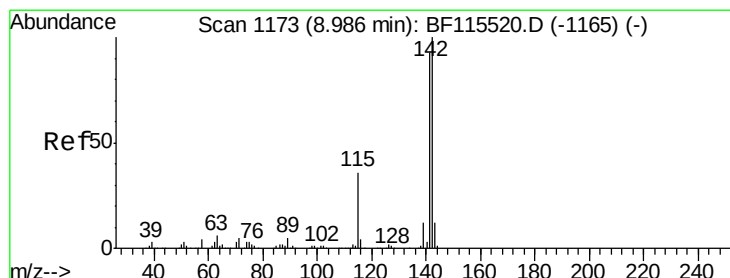
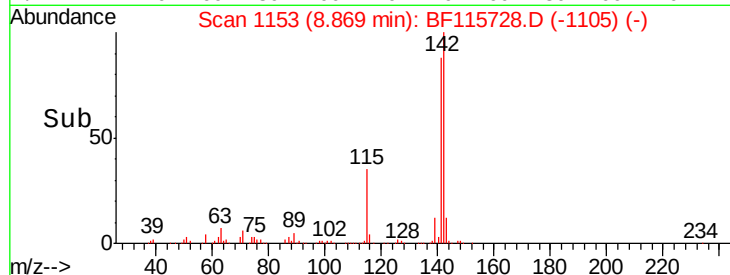
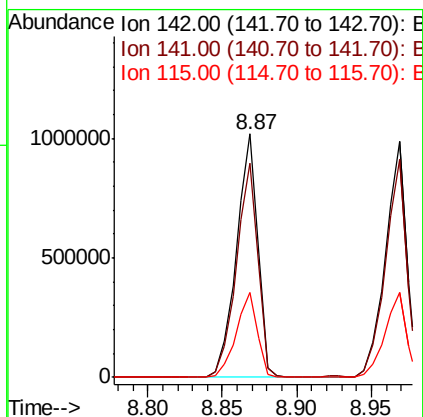
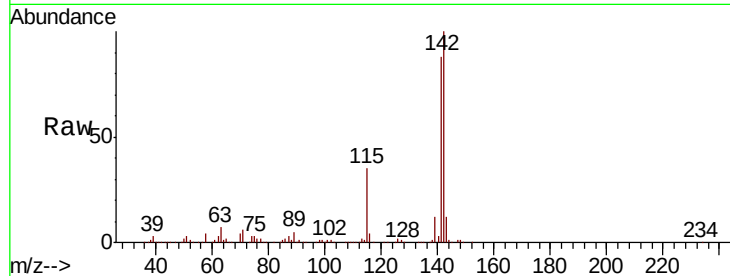
#37
2-Methylnaphthalene
Concen: 46.175 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.0	108.0
115	34.6	29.9	44.9

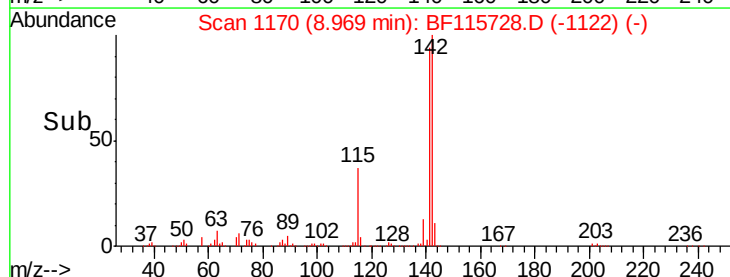
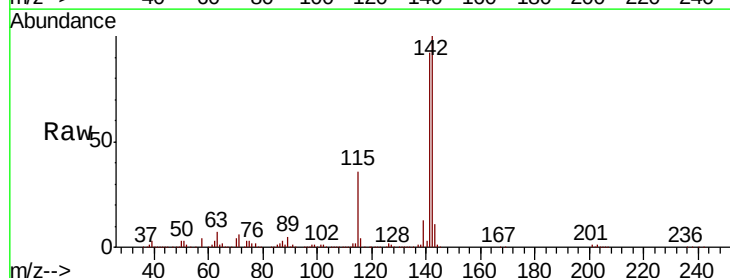
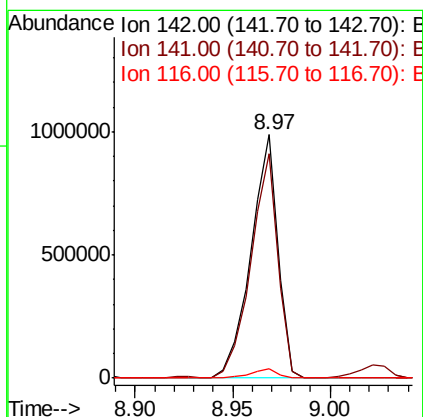
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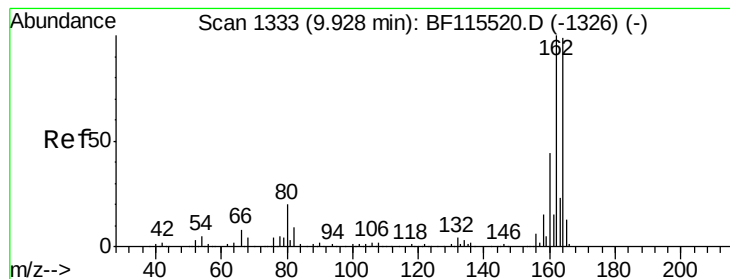
mohammad
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#38
1-Methylnaphthalene
Concen: 45.106 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	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: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

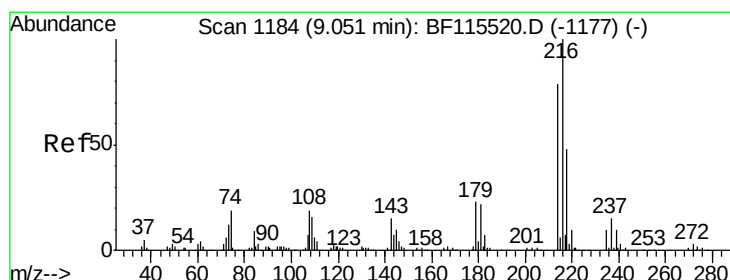
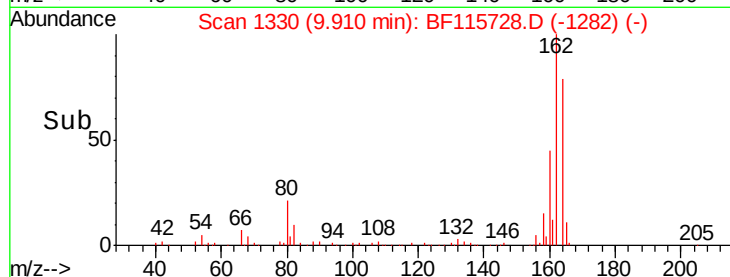
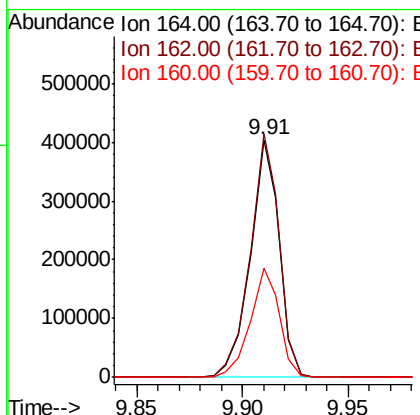
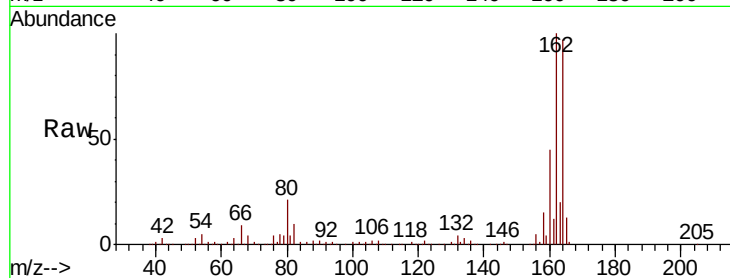
ClientSampleId :

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Tot Ion:	164	Resp:	384404
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.9	124.3
160	46.1	36.8	55.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.788 ng

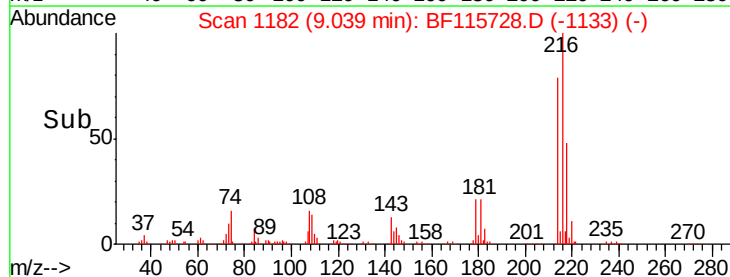
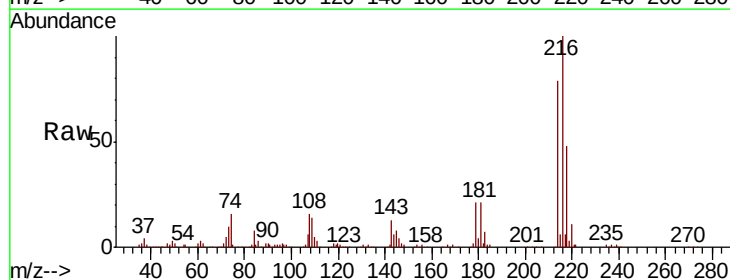
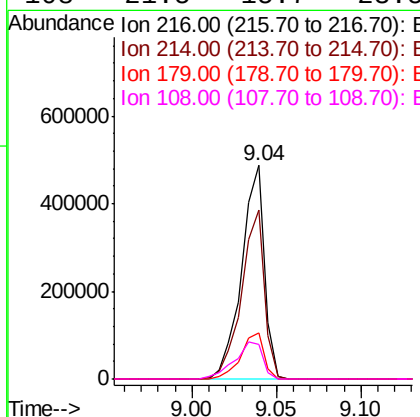
RT: 9.04 min Scan# 1182

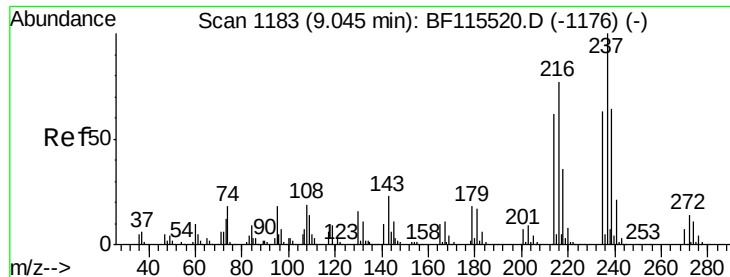
Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Tgt Ion:	216	Resp:	460574
Ion Ratio	Lower	Upper	
216	100		
214	79.1	65.1	97.7
179	22.0	18.3	27.5
108	21.5	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 69.470 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

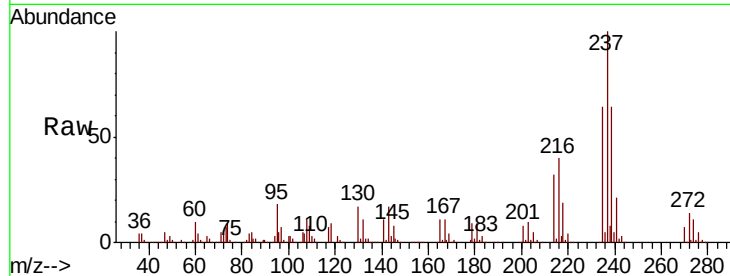
ClientSampleId :

NB-07-071919-AMSD

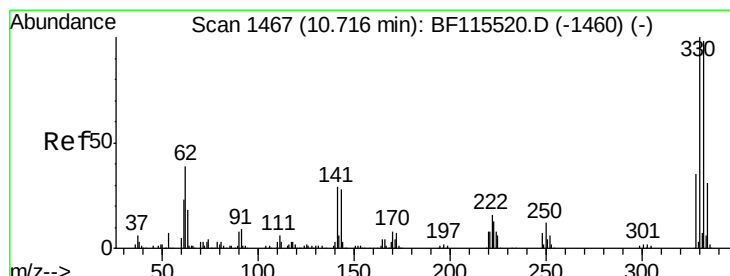
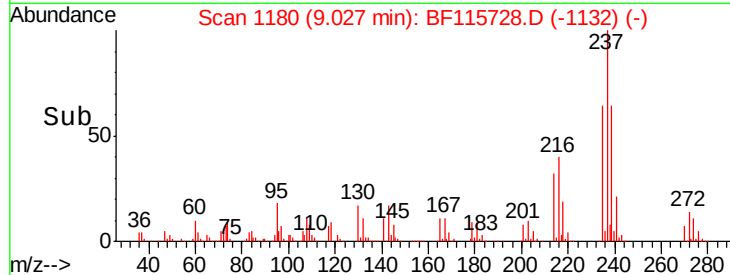
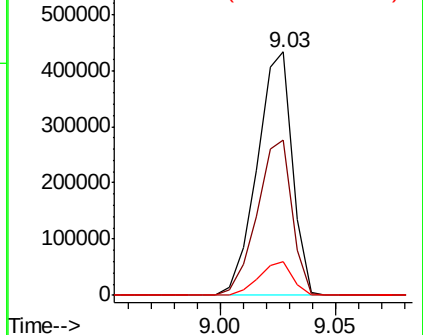
Tot Ion:	237	Resp:	458730
Ion Ratio		Lower	Upper
237	100		
235	63.9	43.6	83.6
272	13.7	0.0	33.9

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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: 127.861 ng

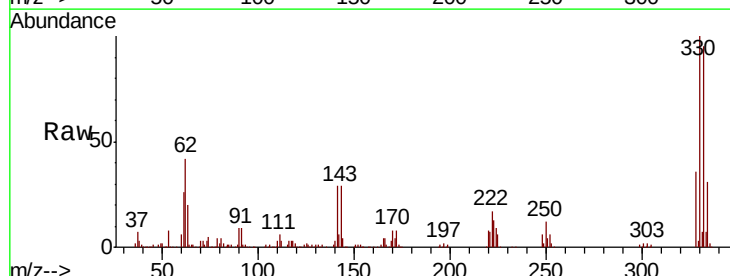
RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

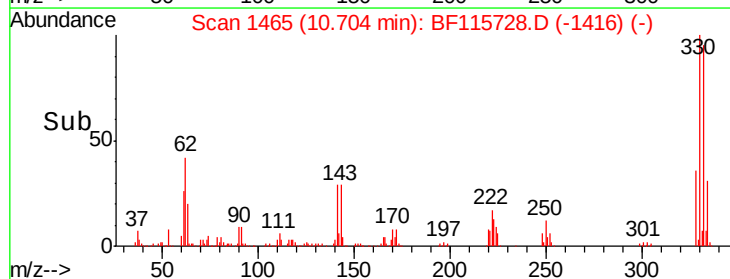
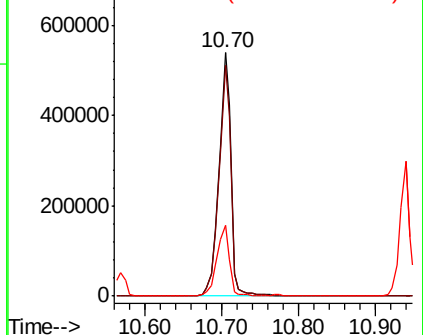
Lab File: BF115728.D

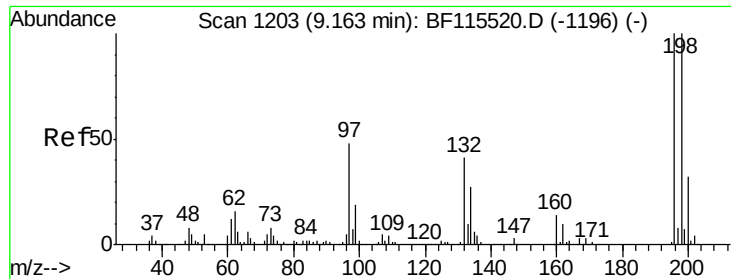
Acq: 23 Jul 2019 19:30

Tgt Ion:	330	Resp:	573701
Ion Ratio		Lower	Upper
330	100		
332	95.2	77.4	116.2
141	30.3	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





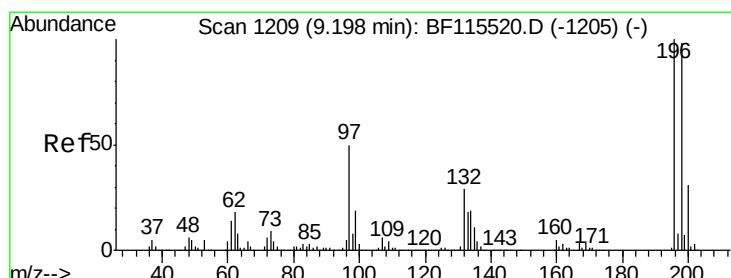
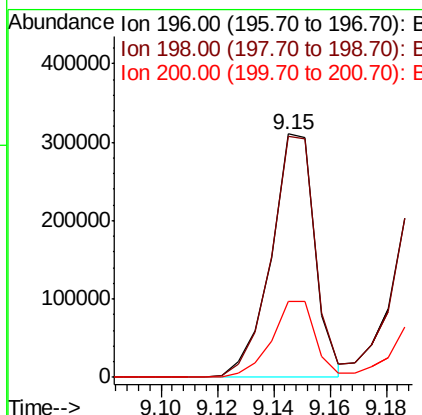
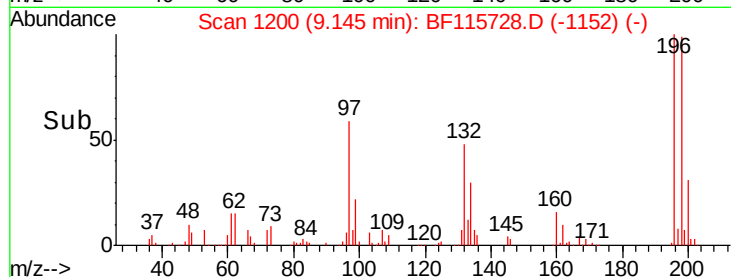
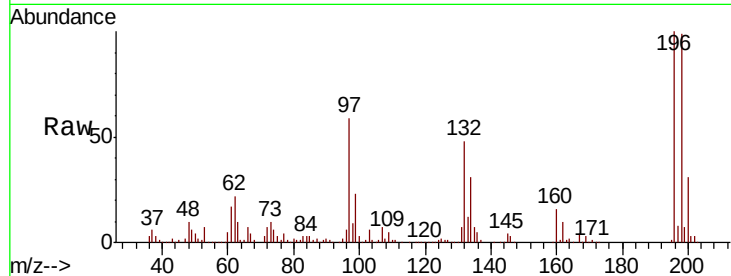
#43
 2,4,6-Trichlorophenol
 Concen: 39.363 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	333221		
198	99.3	80.6	121.0	
200	31.2	25.8	38.6	

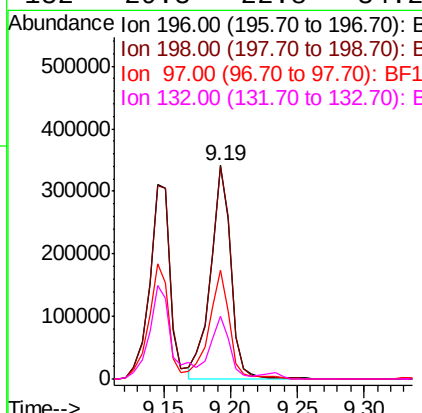
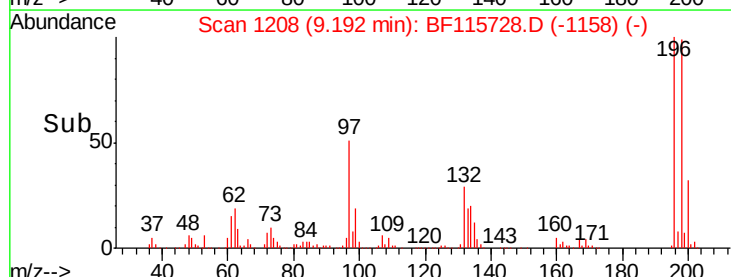
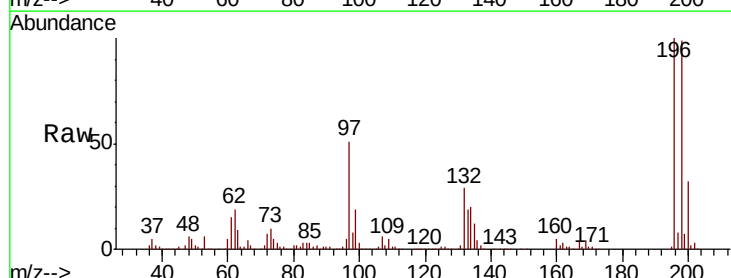
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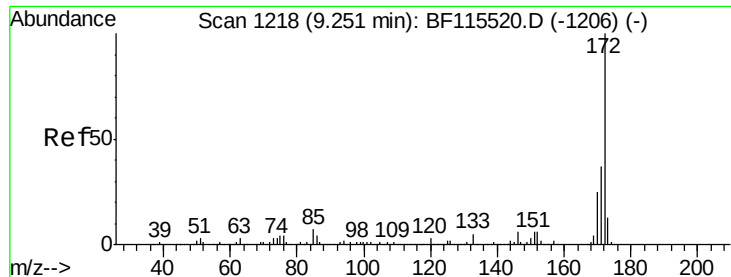
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.981 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	363949		
198	99.4	79.6	119.4	
97	50.7	37.8	56.6	
132	29.3	22.8	34.2	





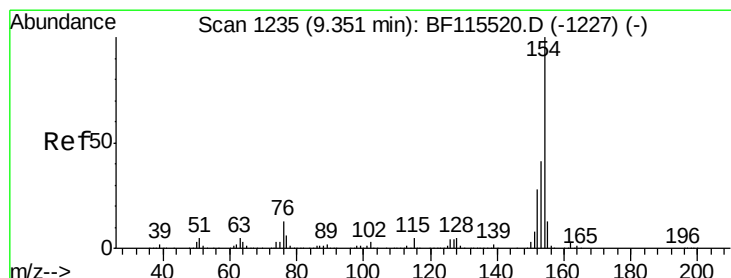
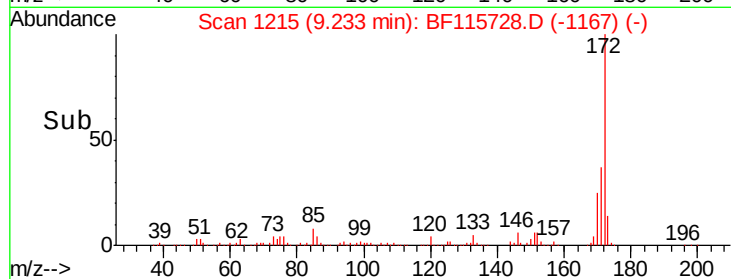
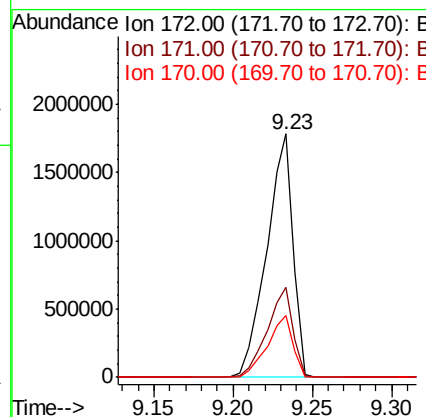
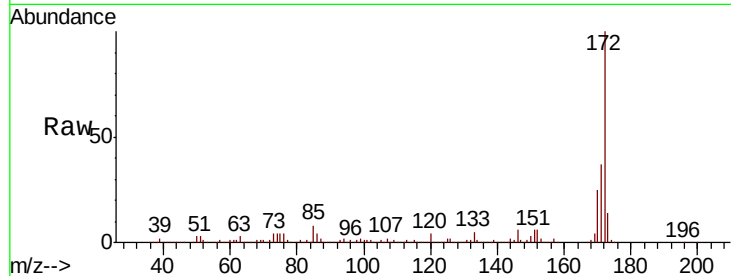
#45
2-Fluorobiphenyl
Concen: 94.062 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	25.3	20.5	30.7

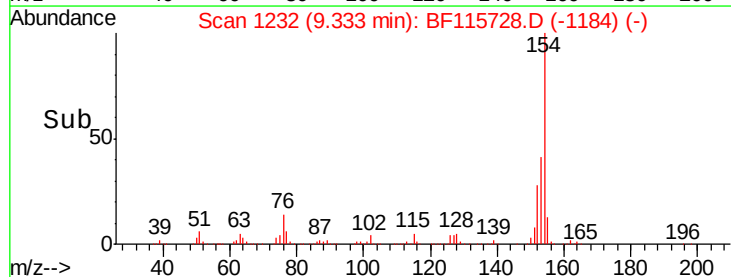
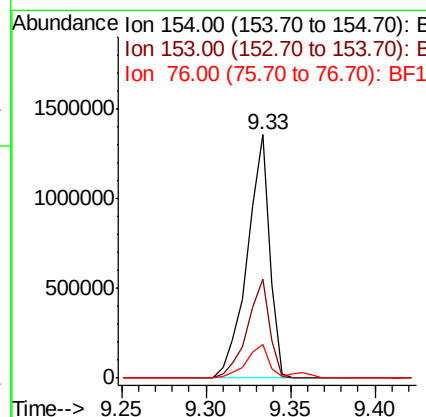
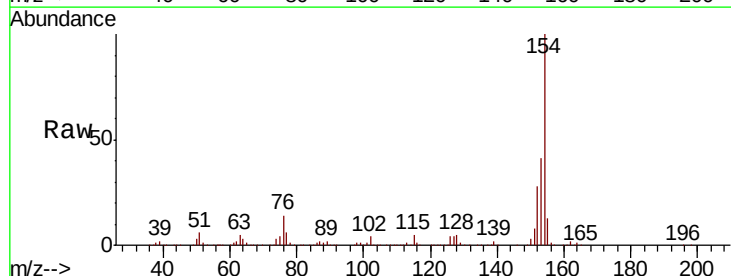
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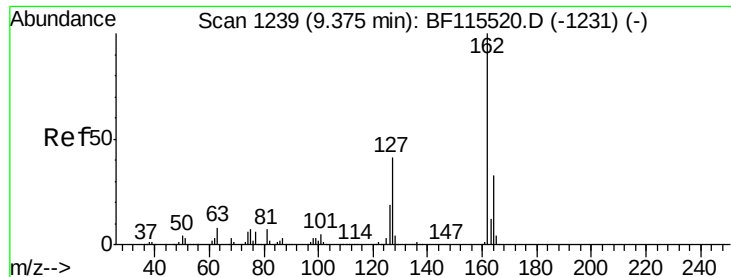
mohammad
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#46
1,1'-Biphenyl
Concen: 42.051 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.6	62.6
76	13.9	0.0	33.4





#47

2-Chloronaphthalene

Concen: 40.099 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

Tot Ion:162 Resp: 1003404

Ion Ratio Lower Upper

162 100

127 41.2 34.1 51.1

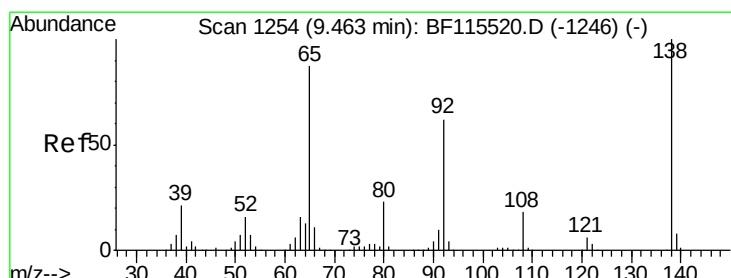
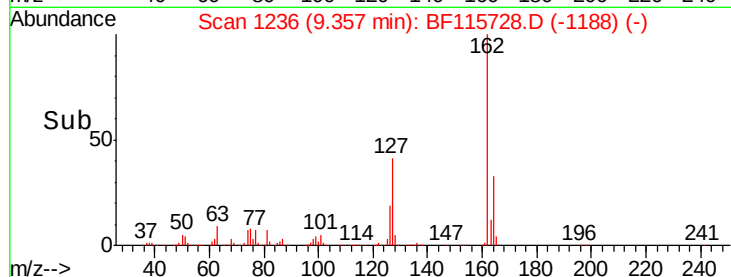
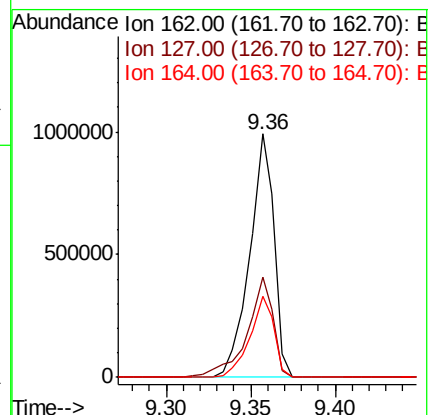
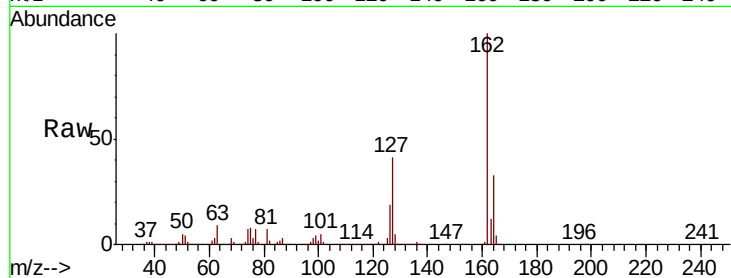
164 33.5 27.4 41.2

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#48

2-Nitroaniline

Concen: 41.499 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

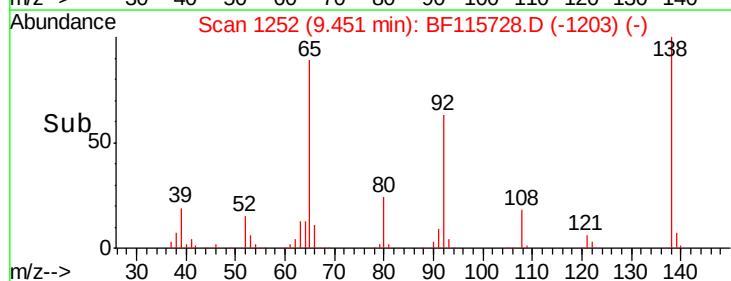
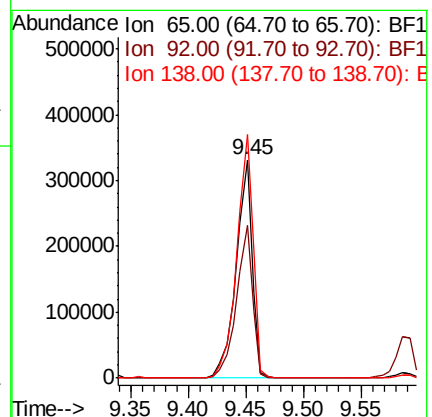
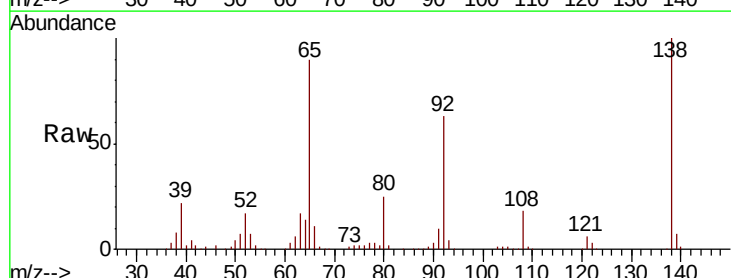
Tgt Ion: 65 Resp: 321411

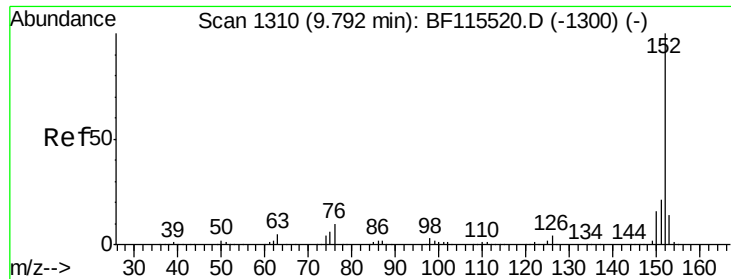
Ion Ratio Lower Upper

65 100

92 69.8 57.8 86.6

138 111.5 91.2 136.8





#49

Acenaphthylene

Concen: 41.910 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

Tot Ion:152 Resp: 1553963

Ion Ratio Lower Upper

152 100

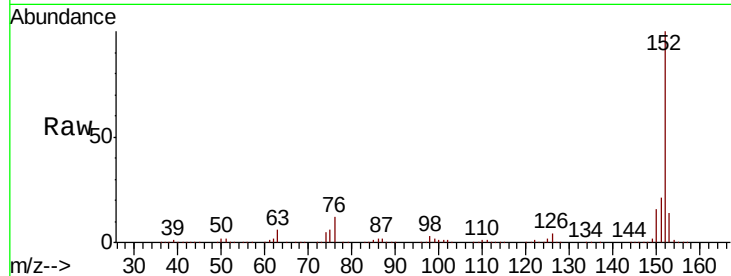
151 21.1 17.7 26.5

153 14.4 12.0 18.0

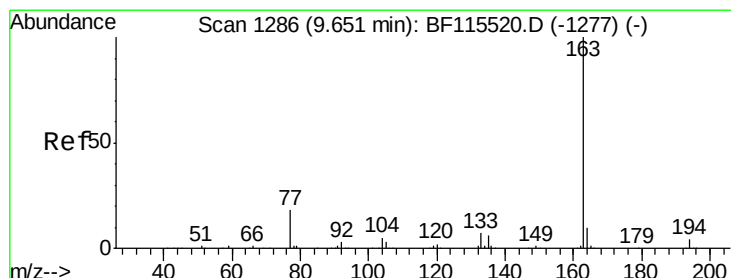
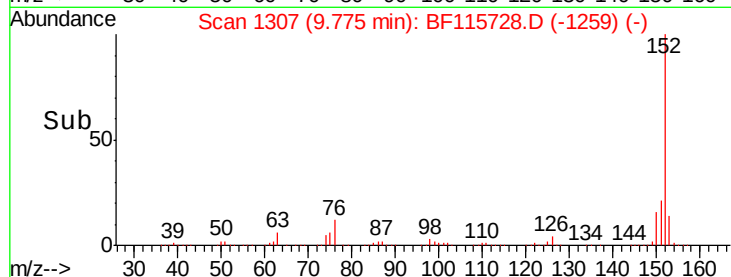
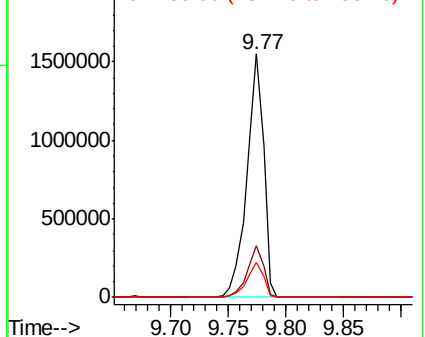
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.173 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

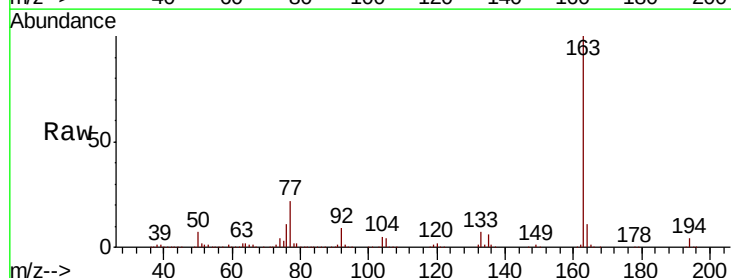
Tgt Ion:163 Resp: 1306472

Ion Ratio Lower Upper

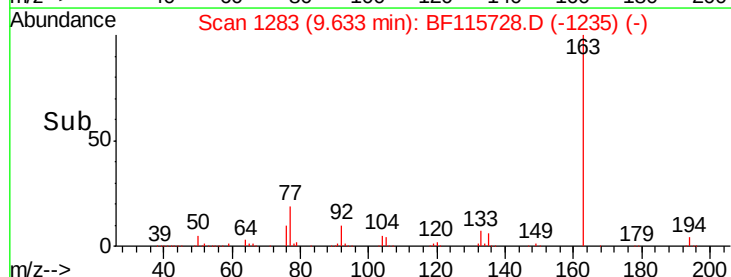
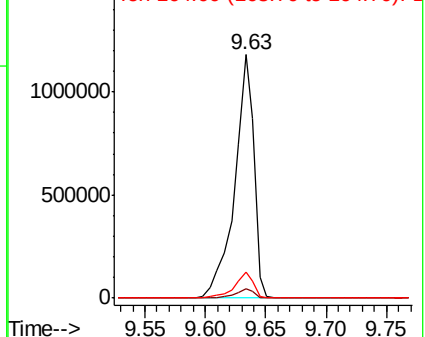
163 100

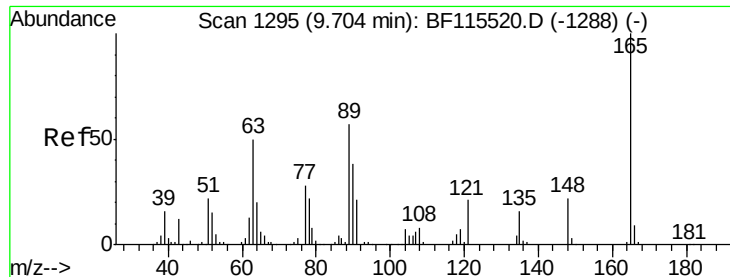
194 3.9 3.3 4.9

164 10.7 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: 43.160 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

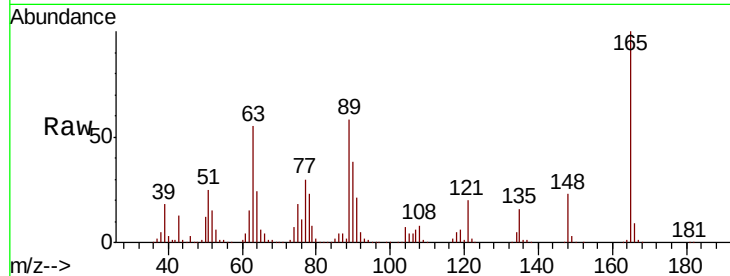
ClientSampleId :

NB-07-071919-AMSD

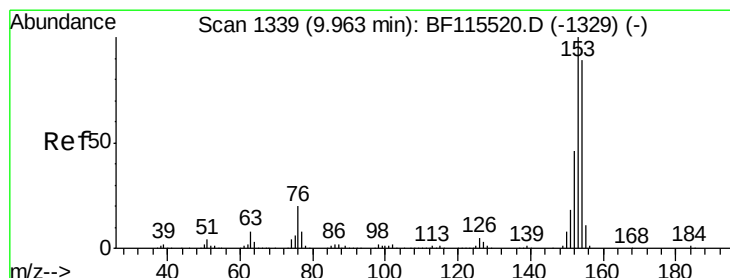
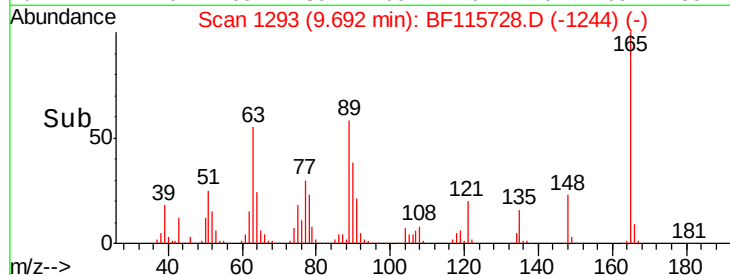
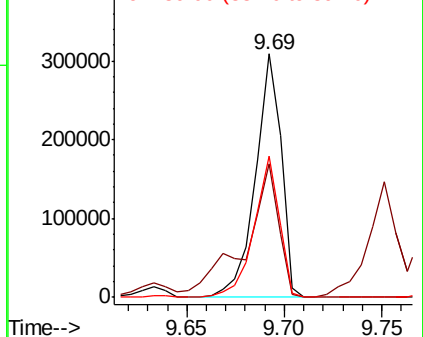
Tot Ion:	165	Resp:	283670
Ion Ratio	Lower	Upper	
165	100		
63	54.7	40.6	61.0
89	57.8	43.9	65.9

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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



#52

Acenaphthene

Concen: 39.598 ng

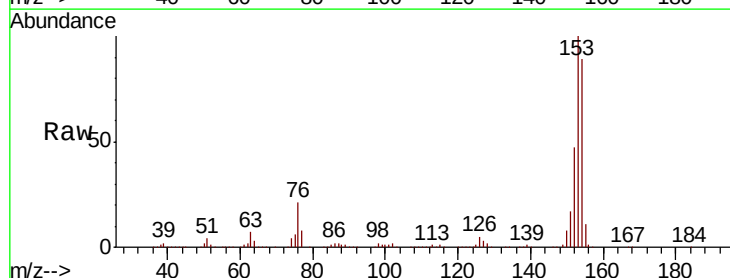
RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

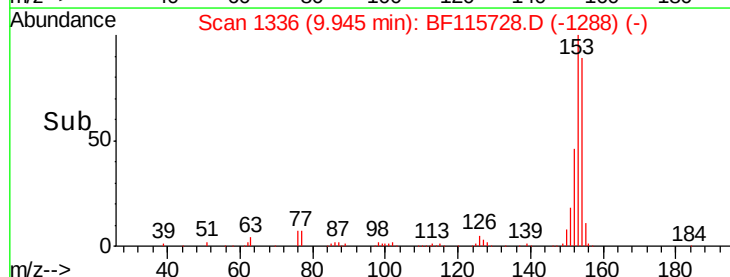
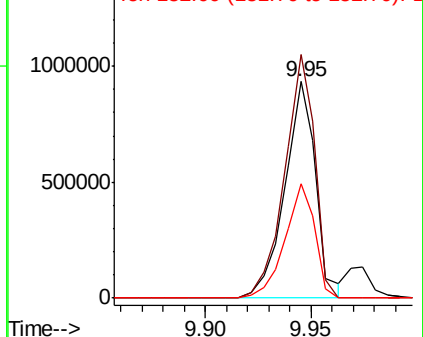
Lab File: BF115728.D

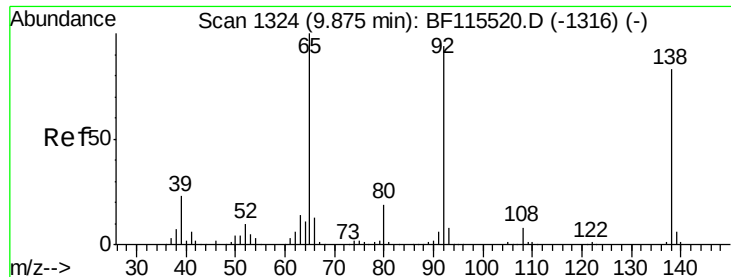
Acq: 23 Jul 2019 19:30

Tgt Ion:	154	Resp:	947899
Ion Ratio	Lower	Upper	
154	100		
153	112.4	88.6	133.0
152	52.6	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





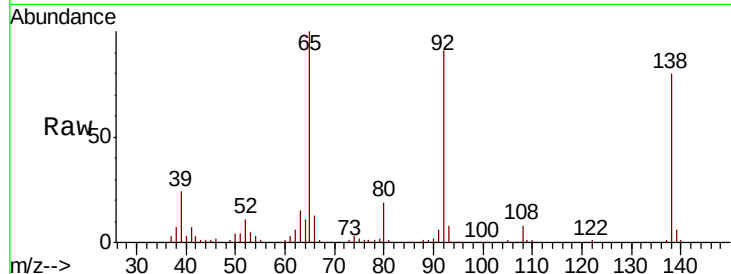
#53
3-Nitroaniline
Concen: 15.554 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.4	12.6
92	113.9	88.0	132.0

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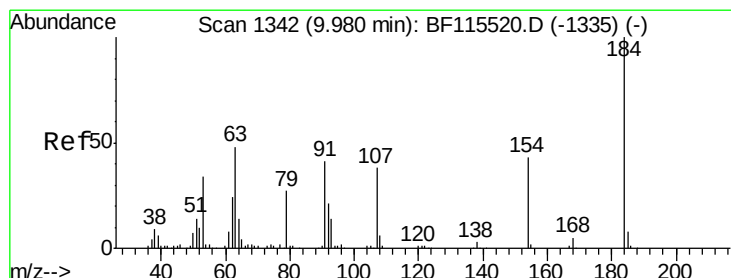
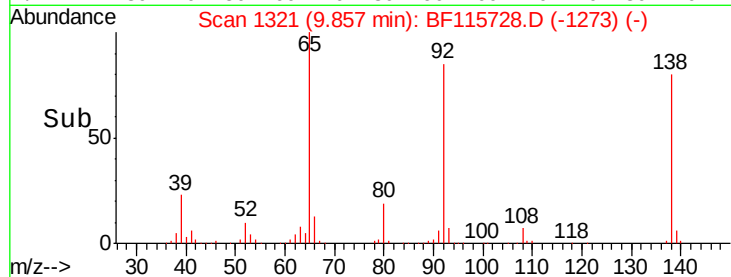
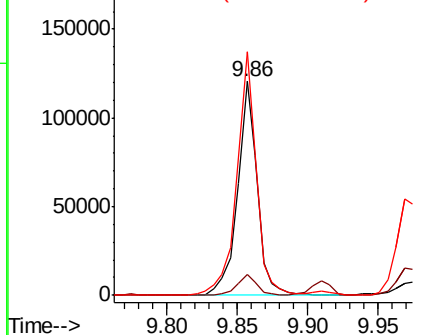


Abundance

Ion 138.00 (137.70 to 138.70): E

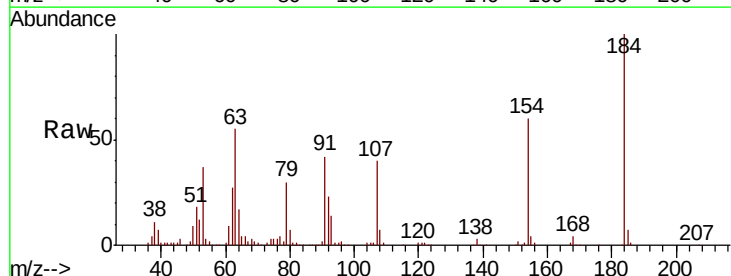
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 68.866 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.8	48.7	73.1
154	59.7	48.6	73.0

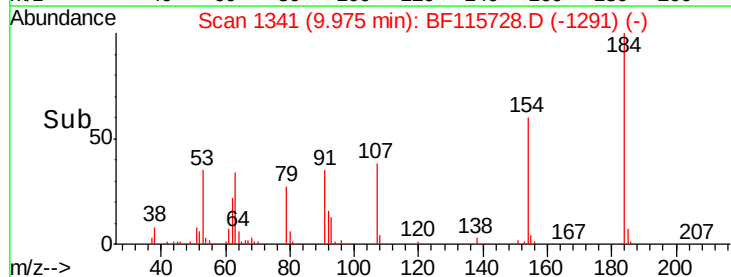
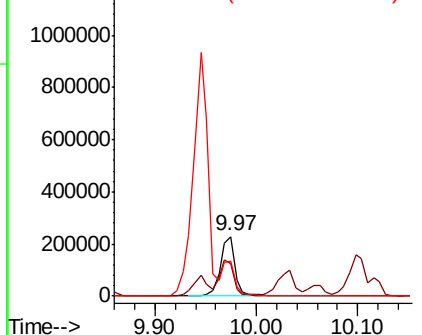


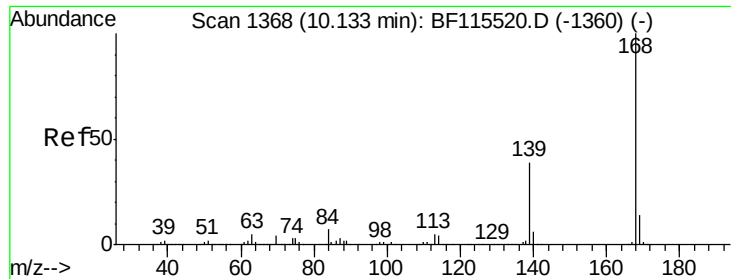
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





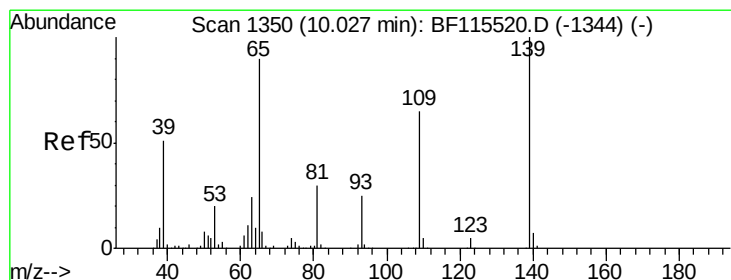
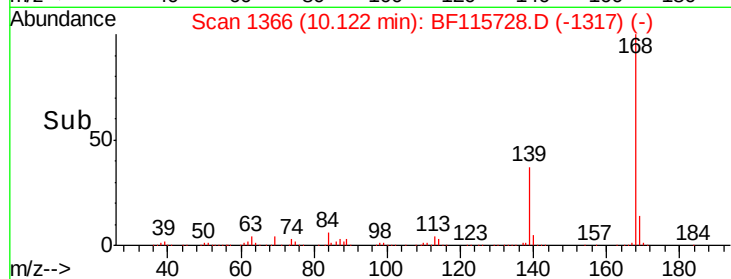
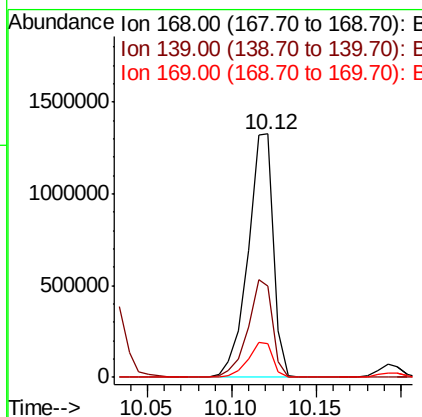
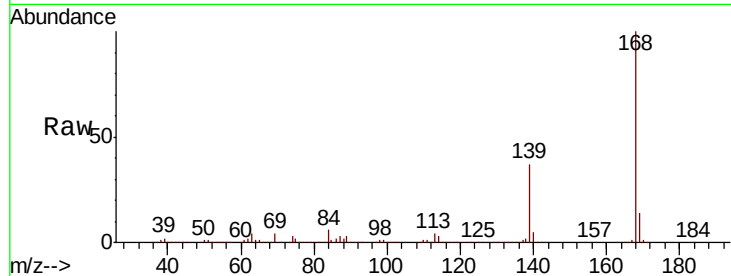
#55
Dibenzofuran
Concen: 41.180 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.1	46.7
169	13.6	11.1	16.7

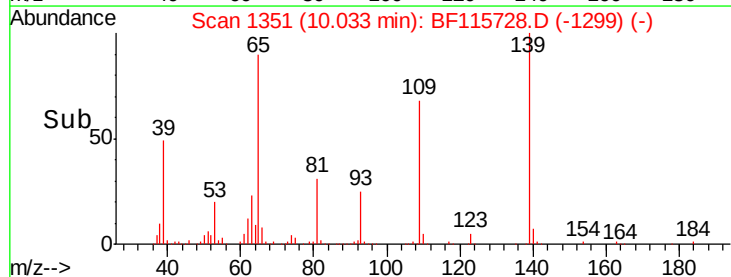
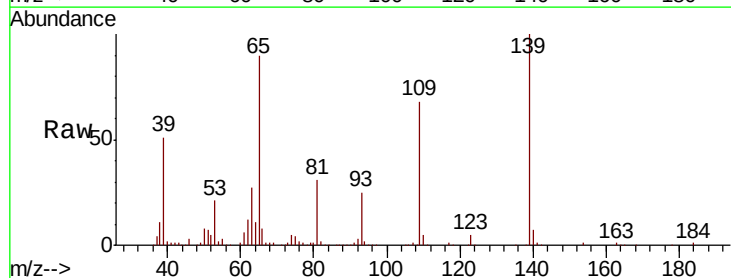
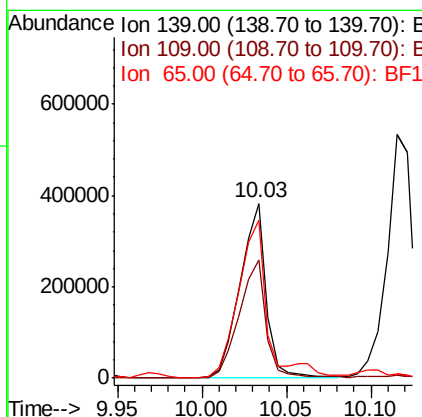
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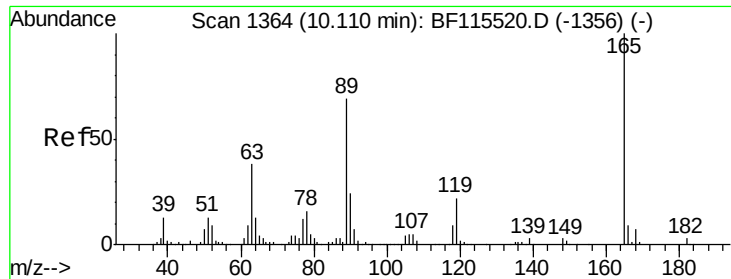
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#56
4-Nitrophenol
Concen: 72.563 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.7	46.4	86.4
65	90.4	68.9	108.9





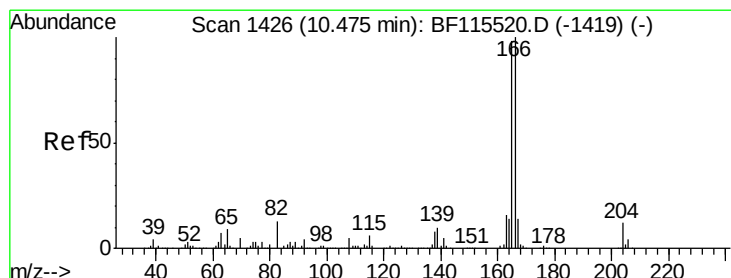
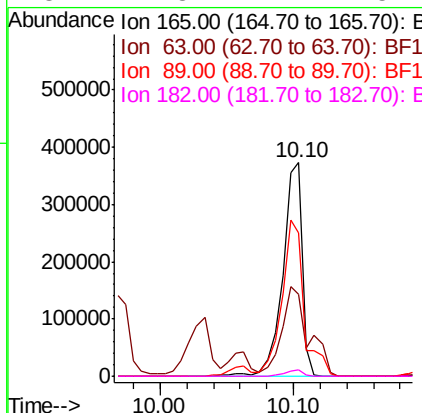
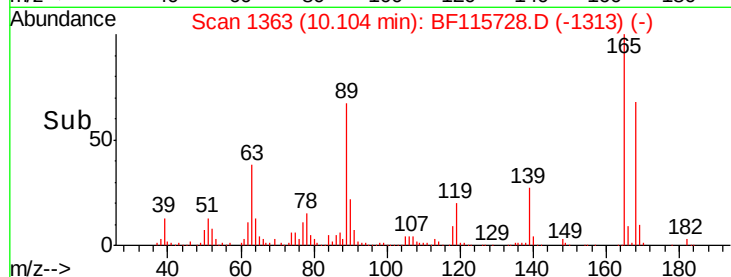
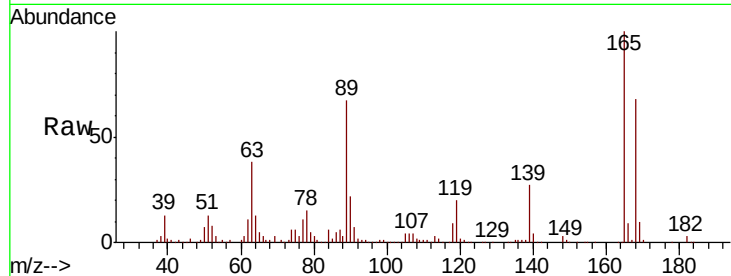
#57
2,4-Dinitrotoluene
Concen: 44.876 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		382127		
63	38.4	34.9	52.3		
89	67.0	57.5	86.3		
182	2.8	2.2	3.4		

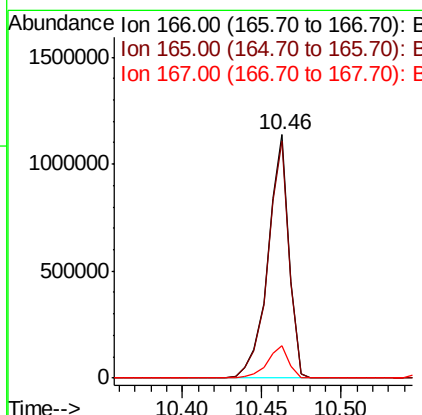
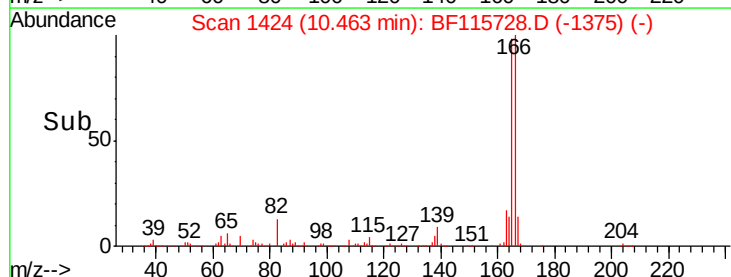
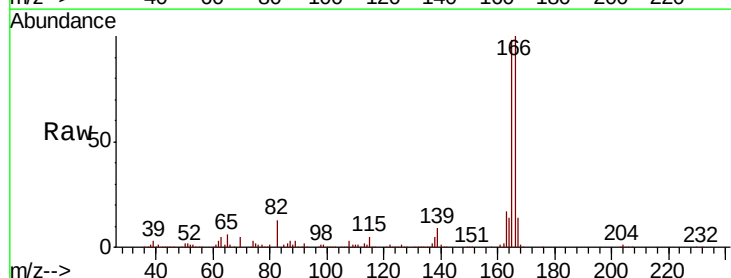
Manual Integrations
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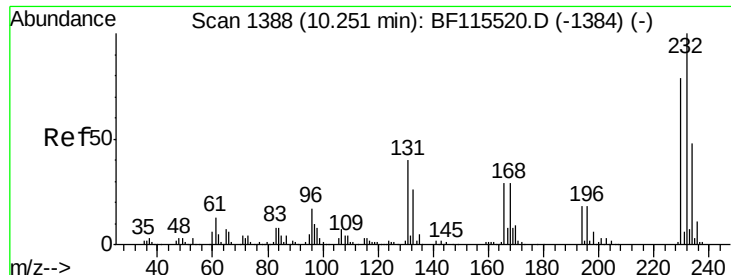
mohammad
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#58
Fluorene
Concen: 43.474 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1056533		
165	97.6	79.8	119.6		
167	13.5	11.2	16.8		





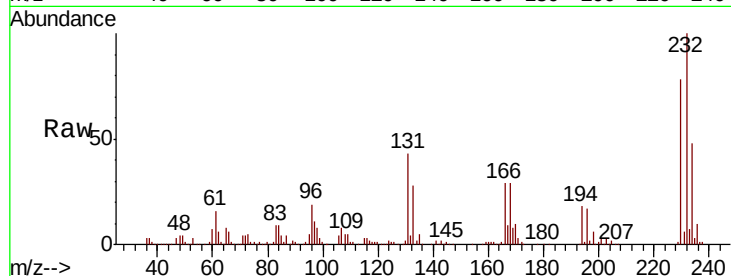
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.647 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

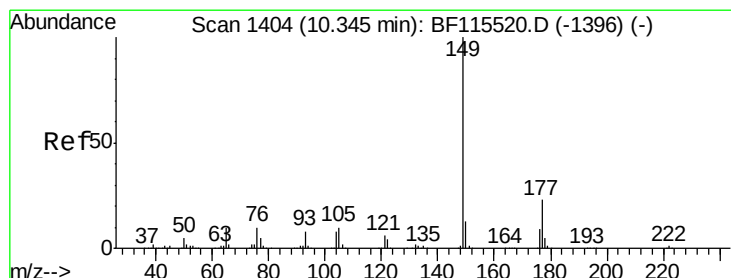
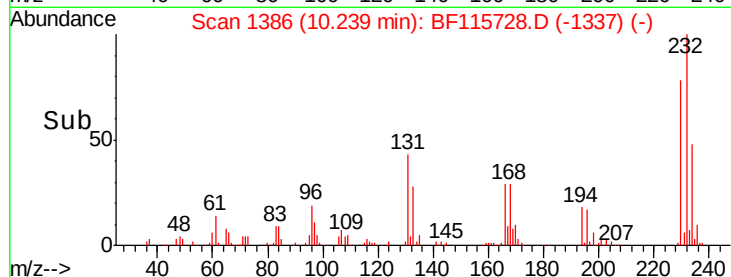
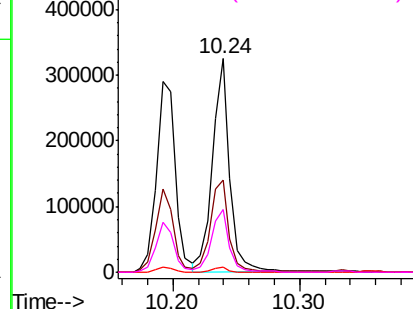
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.6	35.9	53.9
130	2.4	1.8	2.6
166	29.8	24.8	37.2

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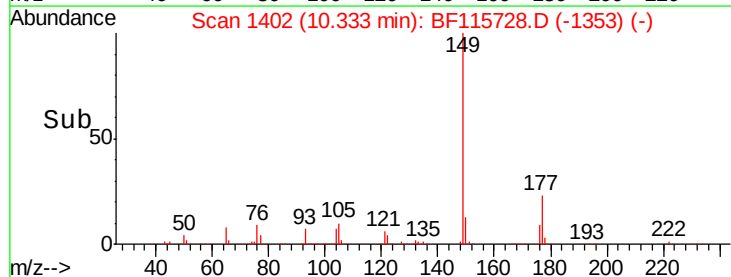
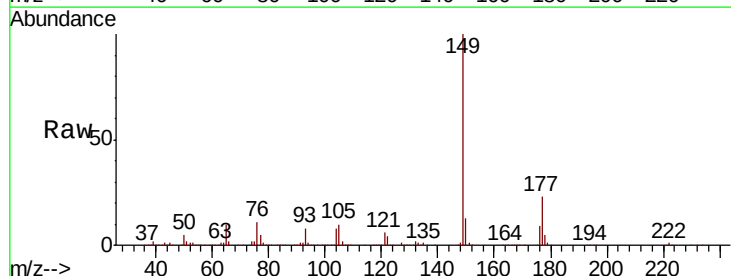
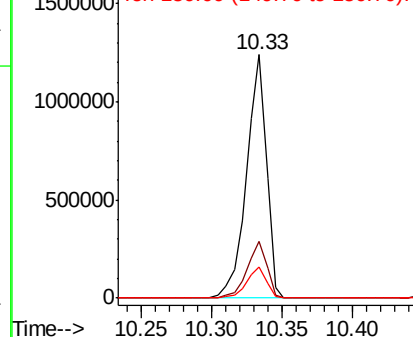
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

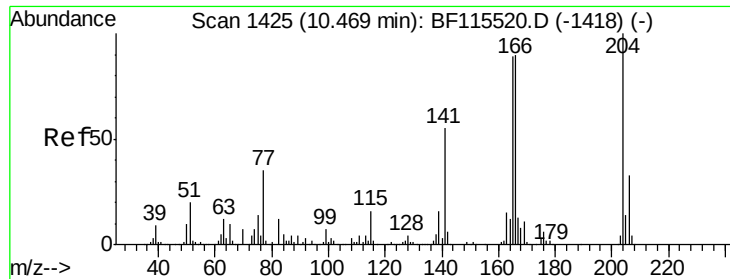


#60
Diethylphthalate
Concen: 44.839 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.5	29.3
150	12.8	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





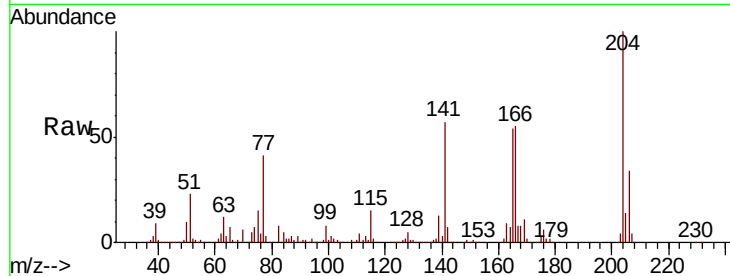
#61
4-Chlorophenyl-phenylether
Concen: 40.171 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.7	40.1
141	57.2	44.2	66.2

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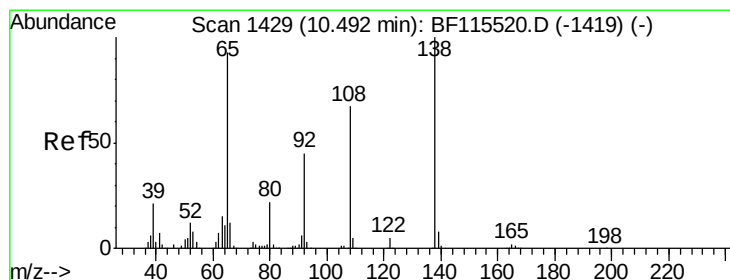
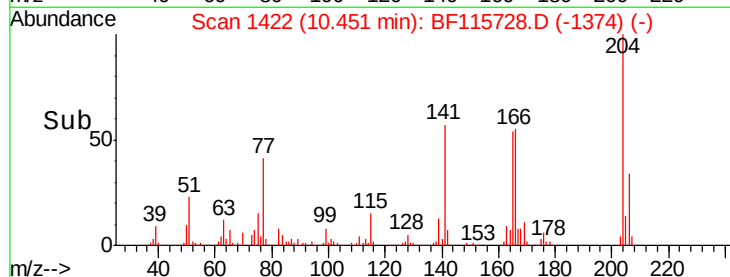
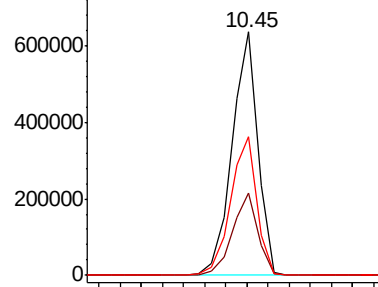


Abundance

Ion 204.00 (203.70 to 204.70): E

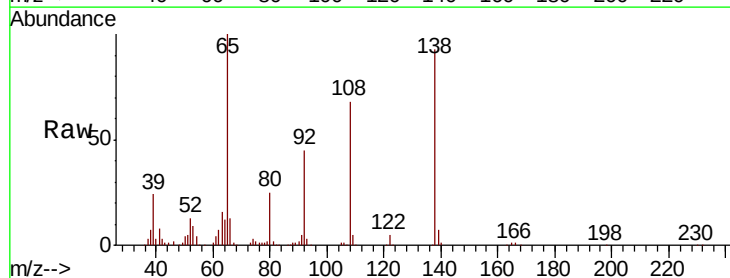
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.223 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	27.1	67.1
108	73.4	48.0	88.0

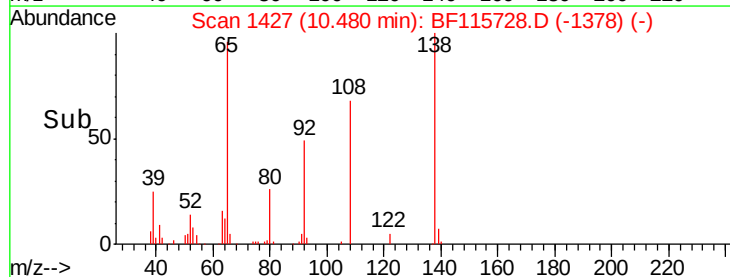
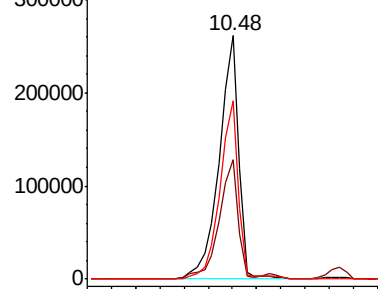


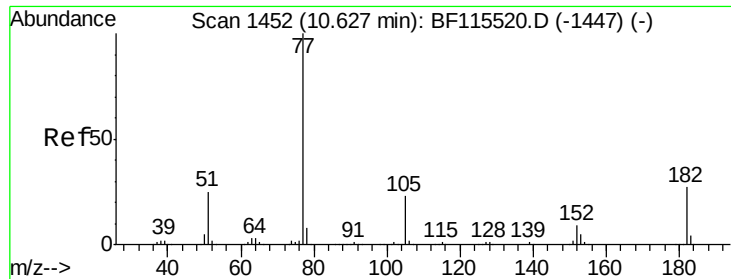
Abundance

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





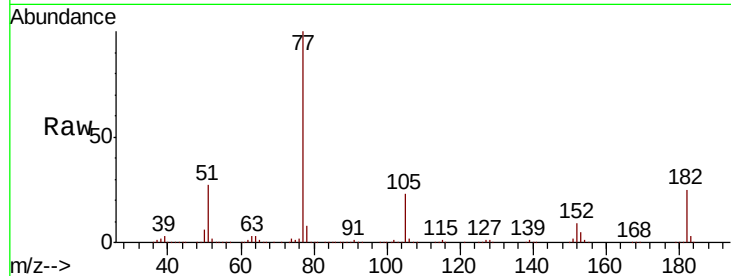
#63
Azobenzene
Concen: 46.206 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

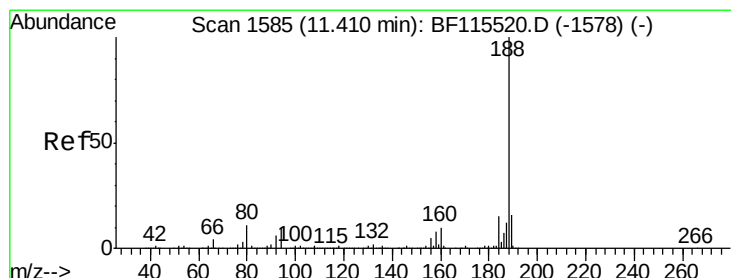
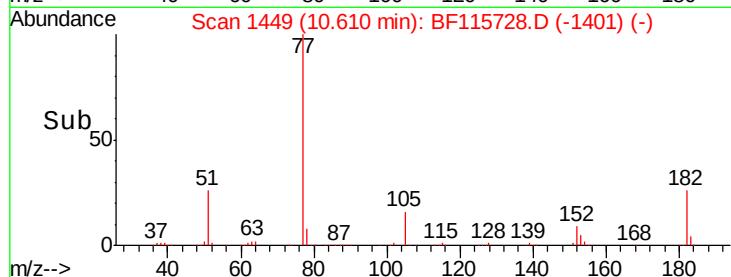
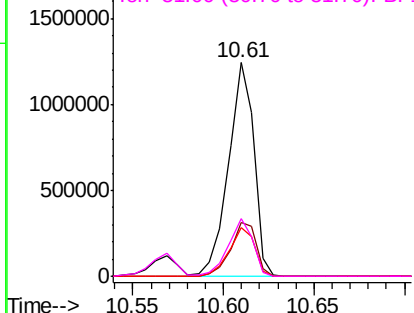
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	6.9	46.9
105	23.0	3.9	43.9
51	26.9	7.3	47.3

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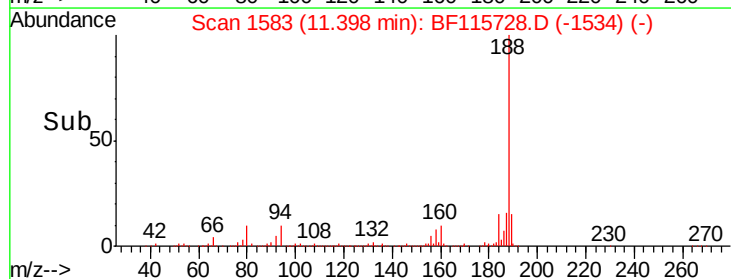
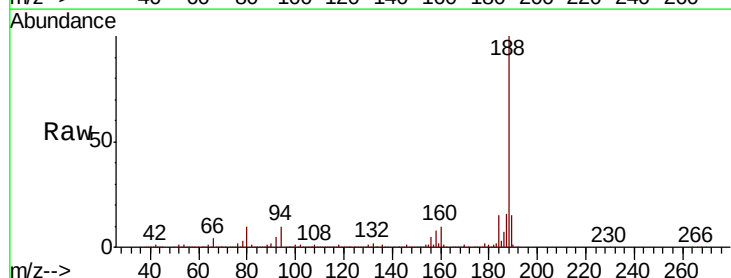
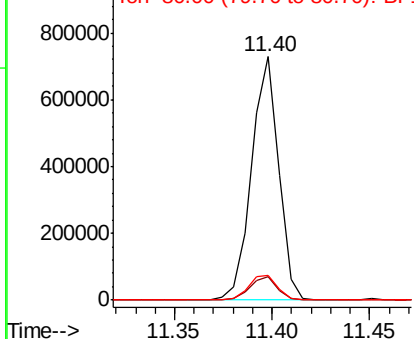
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

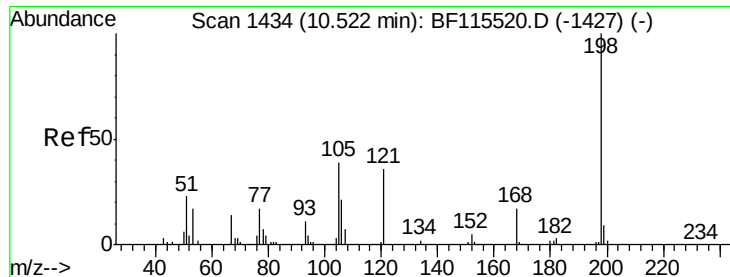


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.6
80	10.3	8.6	13.0

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





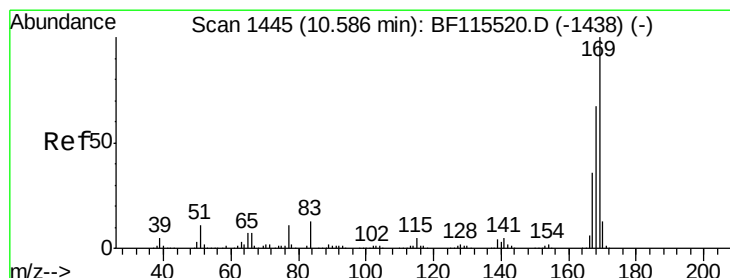
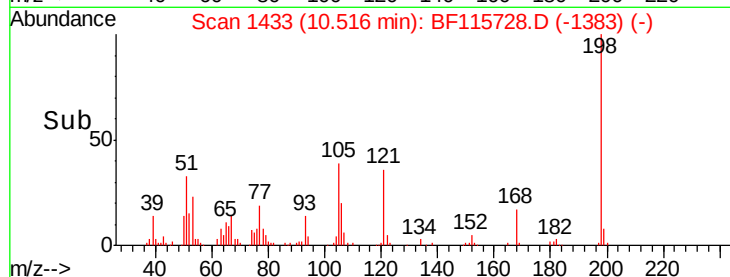
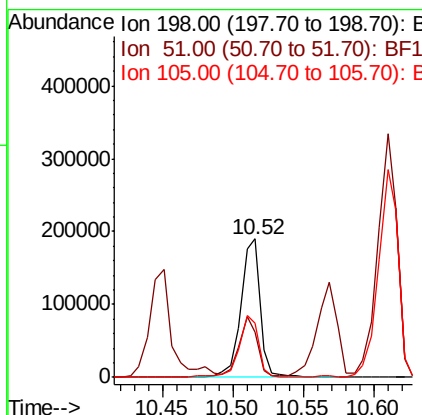
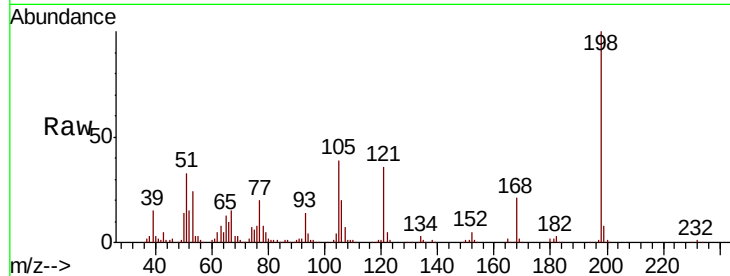
#65
4,6-Dinitro-2-methylphenol
Concen: 42.547 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	182083		
51	32.6	19.1	59.1	
105	38.7	23.6	63.6	

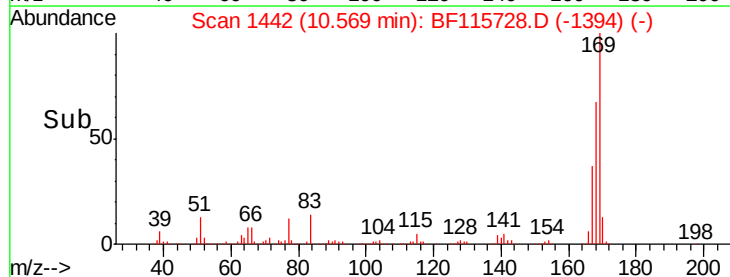
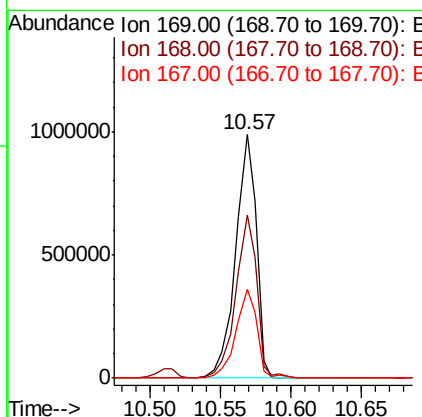
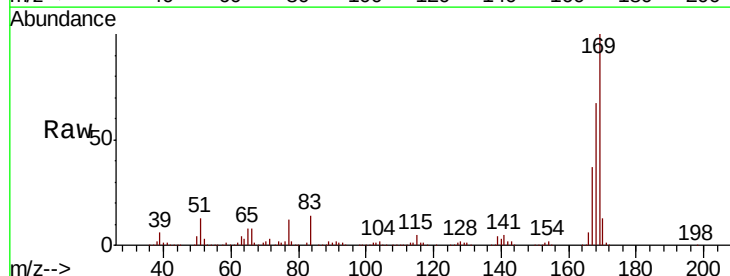
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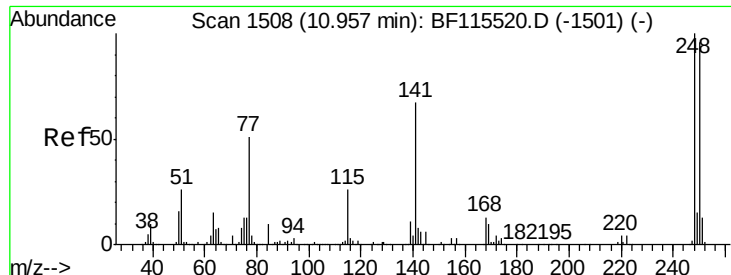
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 46.411 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1011240		
168	66.8	54.3	81.5	
167	36.7	30.2	45.2	





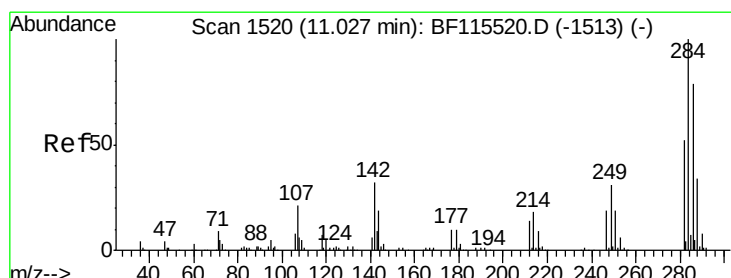
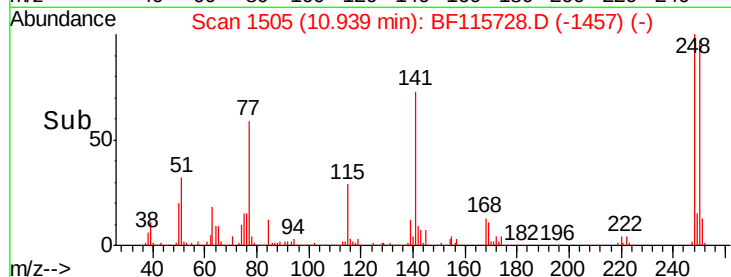
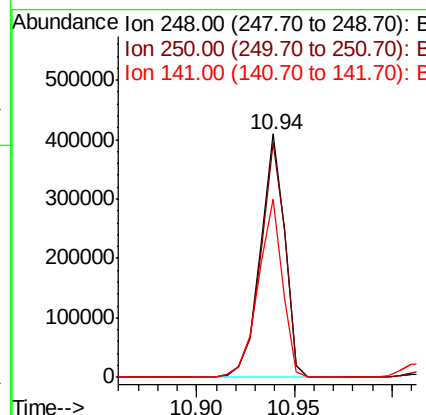
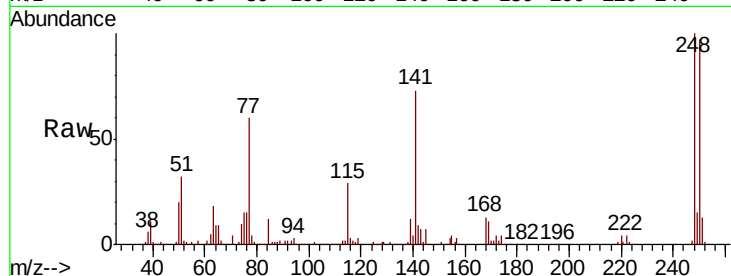
#67
4-Bromophenyl-phenylether
Concen: 44.120 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.0	117.0
141	73.1	57.7	86.5

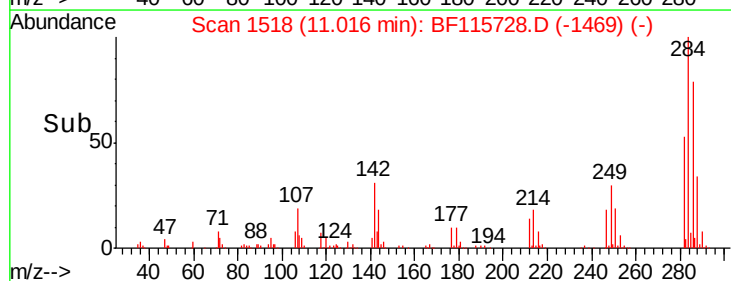
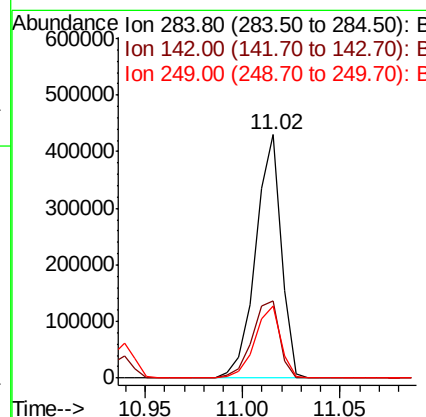
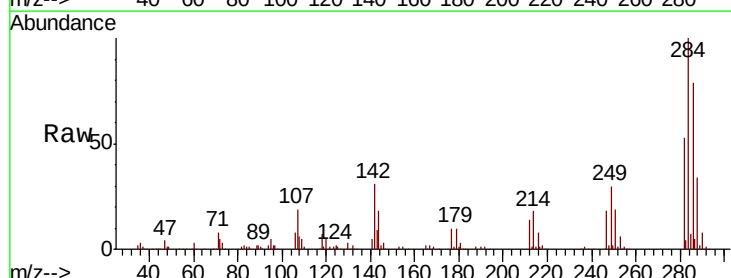
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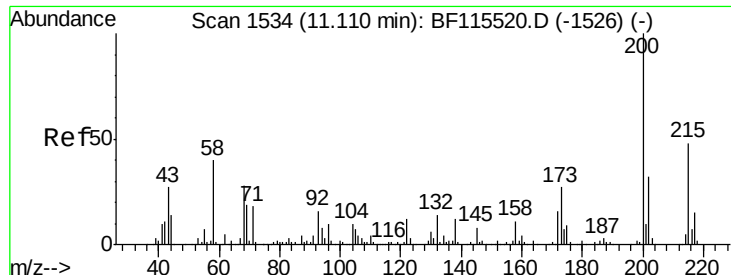
mohammad
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#68
Hexachlorobenzene
Concen: 42.768 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	22.2	33.2
249	29.7	23.4	35.2





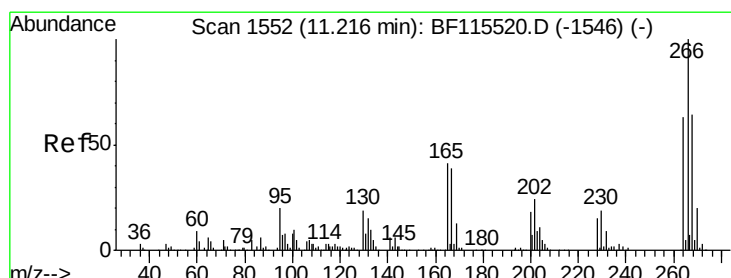
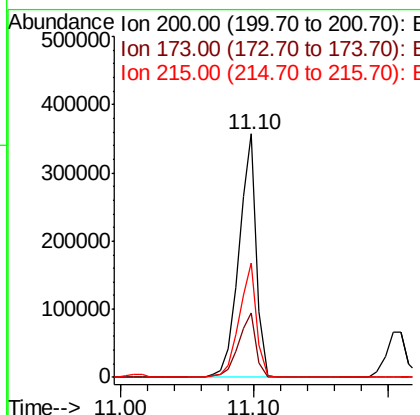
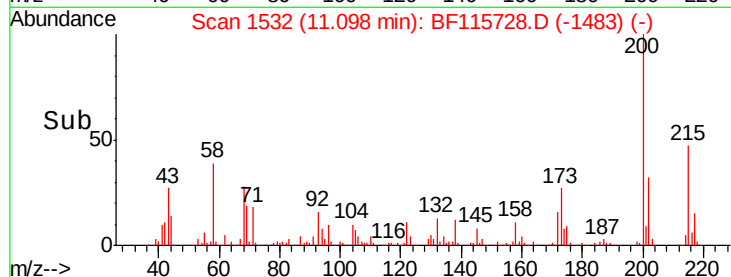
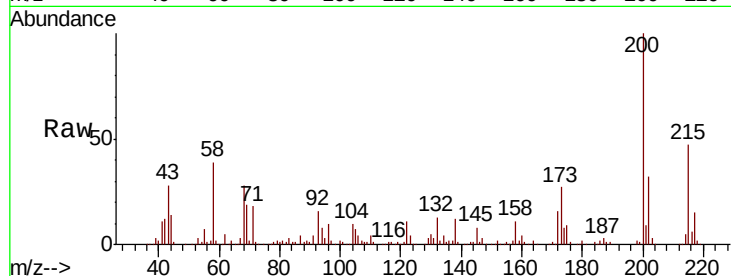
#69
Atrazine
Concen: 45.271 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	323598		
173	26.7	6.9	46.9	
215	47.2	27.9	67.9	

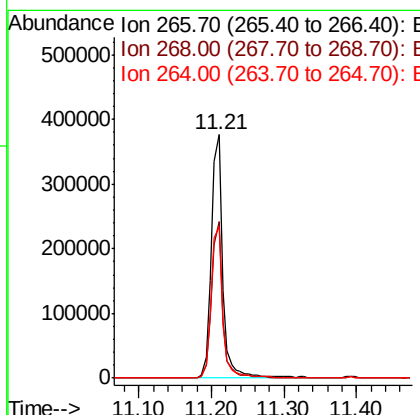
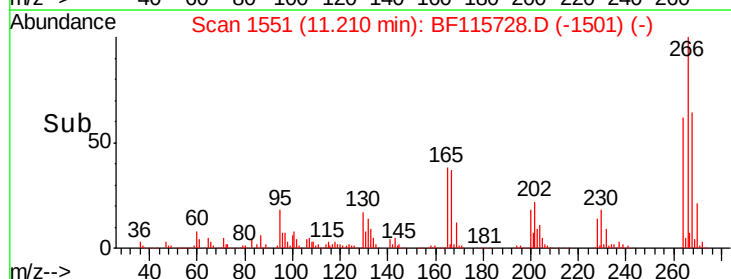
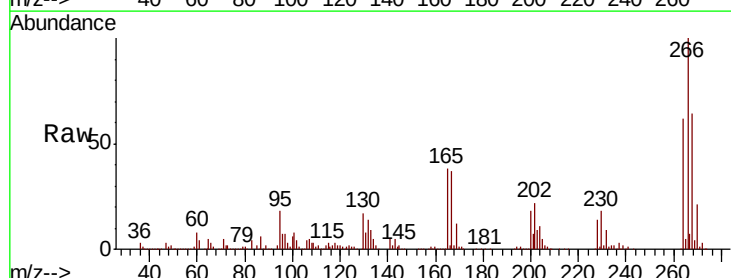
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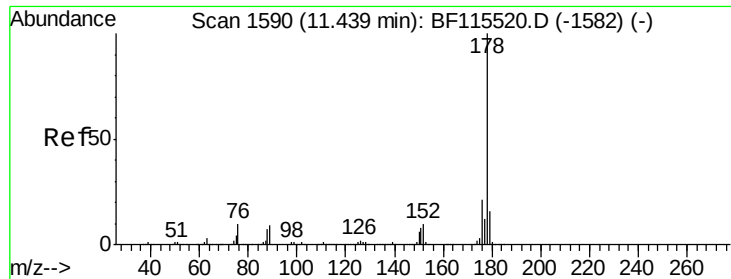
mohammad
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#70
Pentachlorophenol
Concen: 74.256 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	415168		
268	64.3	51.6	77.4	
264	62.4	50.6	76.0	





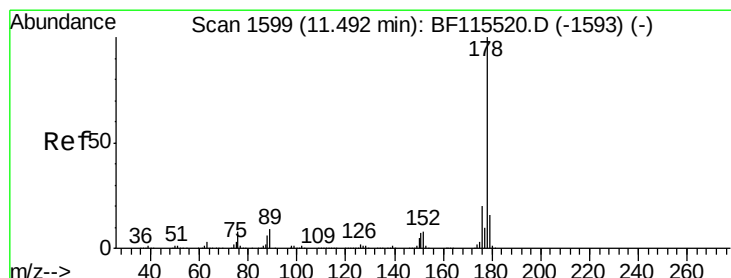
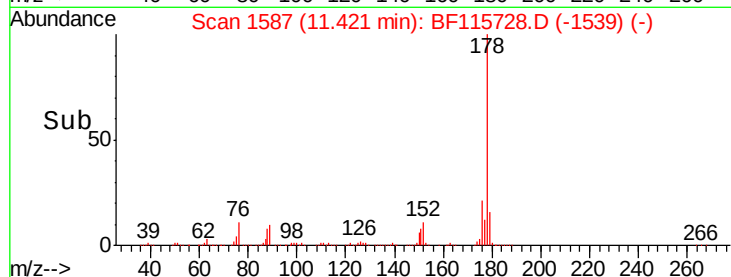
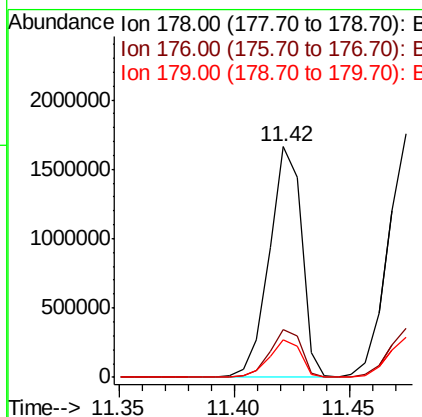
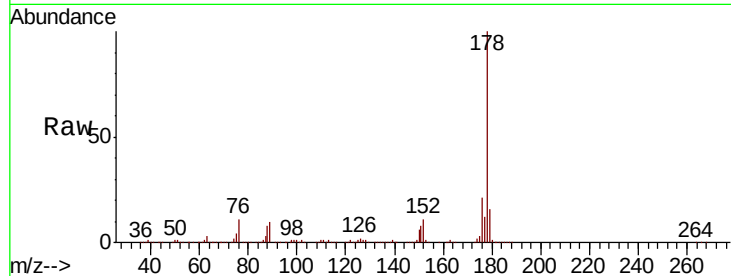
#71
Phenanthrene
Concen: 44.993 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion:178 Resp: 1615493
Ion Ratio Lower Upper
178 100
176 20.7 17.2 25.8
179 16.3 13.5 20.3

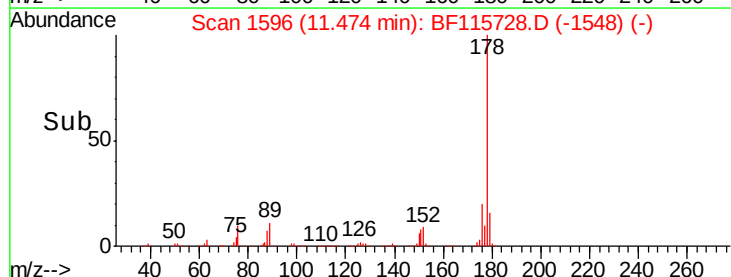
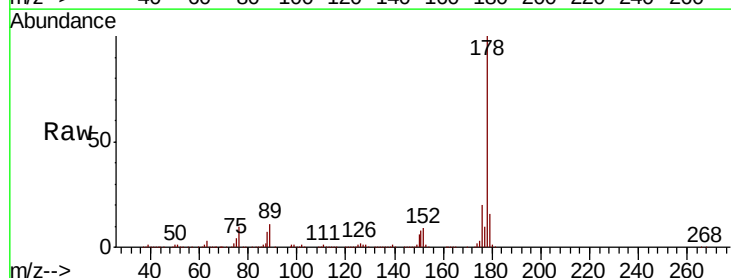
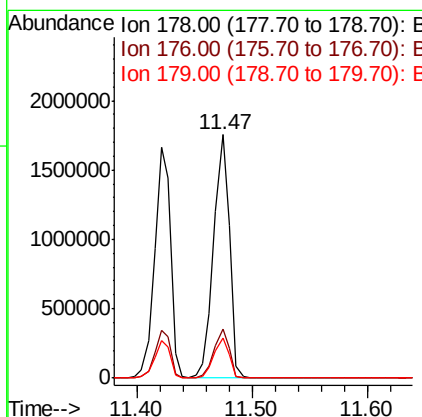
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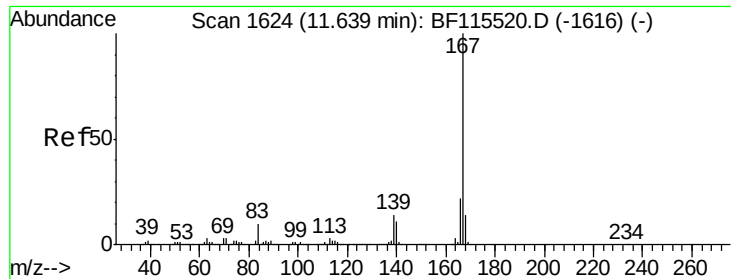
mohammad
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#72
Anthracene
Concen: 45.280 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion:178 Resp: 1680184
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 16.5 12.7 19.1





#73

Carbazole

Concen: 46.549 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

Tot Ion:167 Resp: 1514680

Ion Ratio Lower Upper

167 100

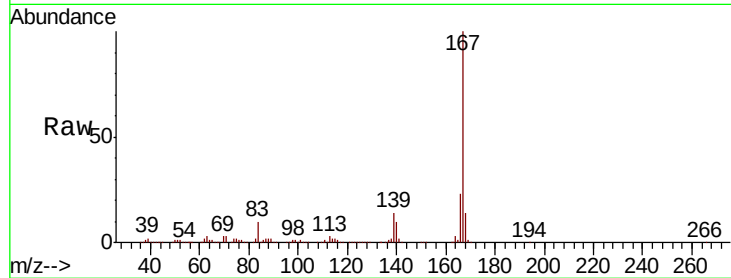
166 22.6 18.1 27.1

139 14.1 11.3 16.9

Manual Integrations
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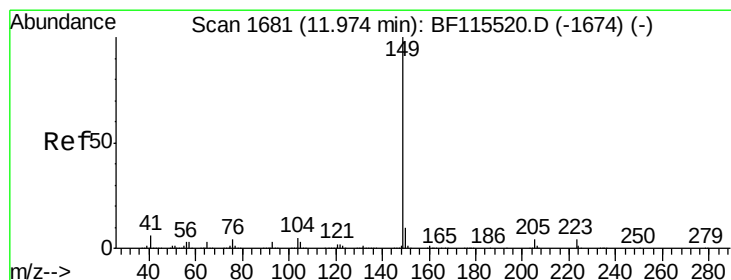
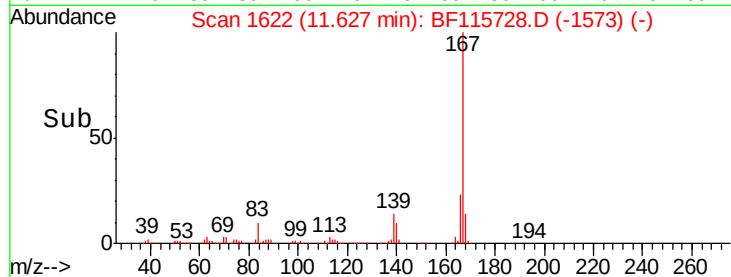
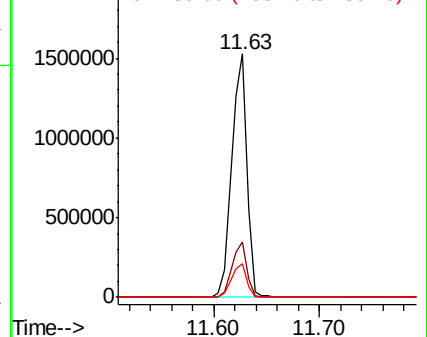


Abundance

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: 47.988 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

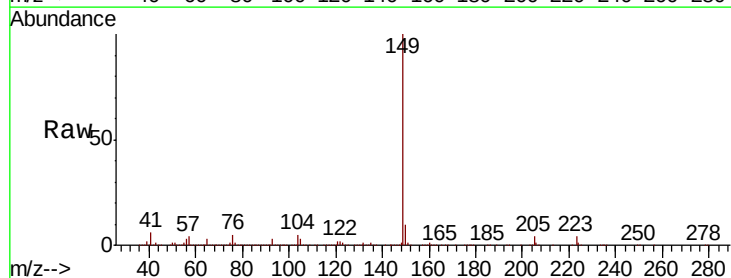
Tgt Ion:149 Resp: 1923441

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

104 5.2 3.8 5.8

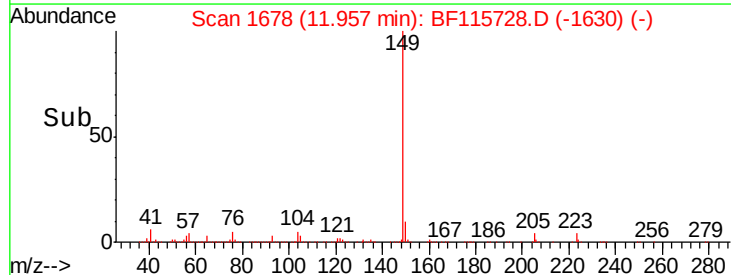
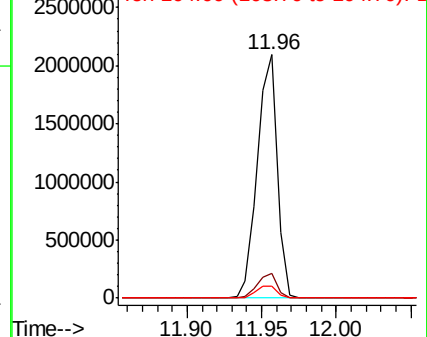


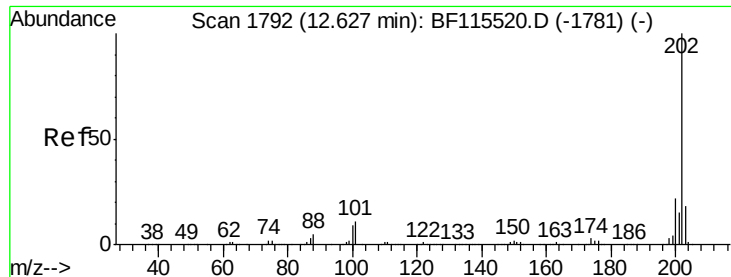
Abundance

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: 46.012 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

Tot Ion:202 Resp: 1745795

Ion Ratio Lower Upper

202 100

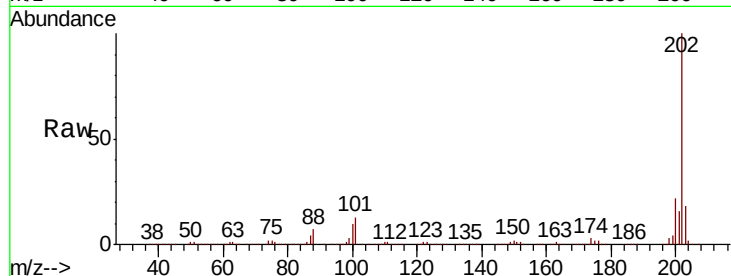
101 13.2 0.0 31.4

203 18.4 0.0 38.1

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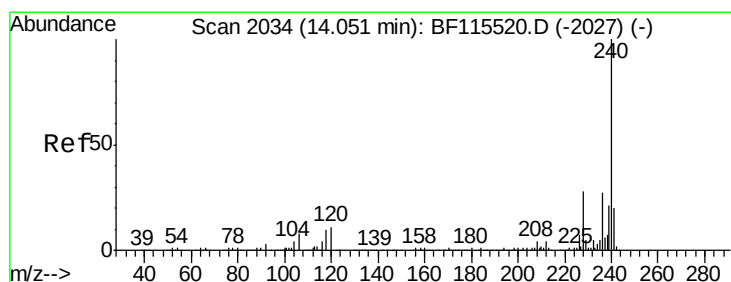
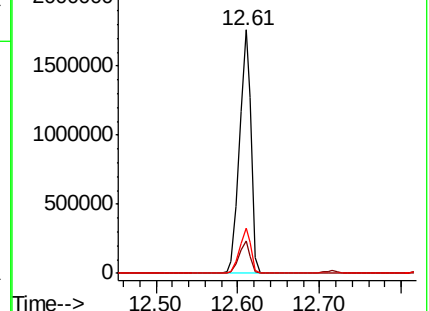
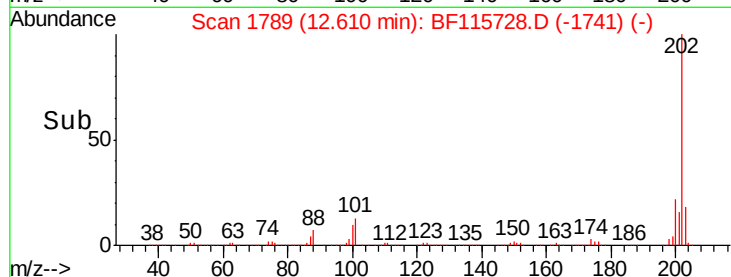
7/24/2019 11:35:02 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

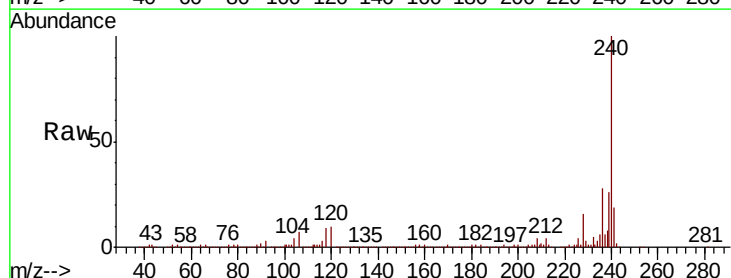
Tgt Ion:240 Resp: 472794

Ion Ratio Lower Upper

240 100

120 10.3 8.6 13.0

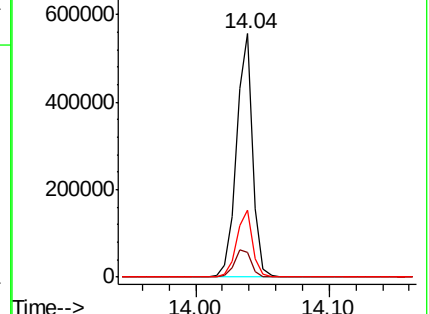
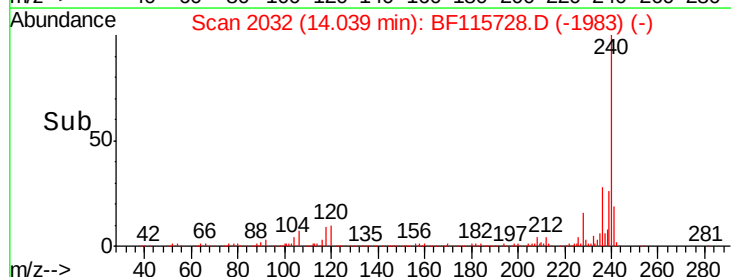
236 27.8 21.3 31.9

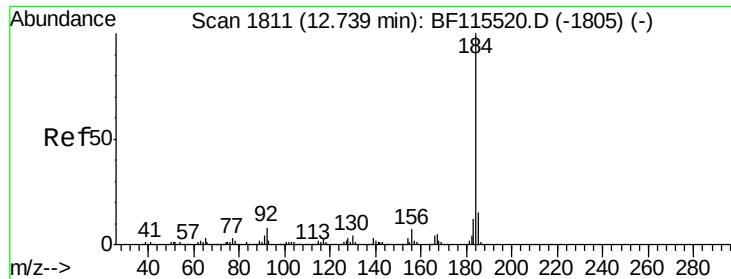


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.680 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

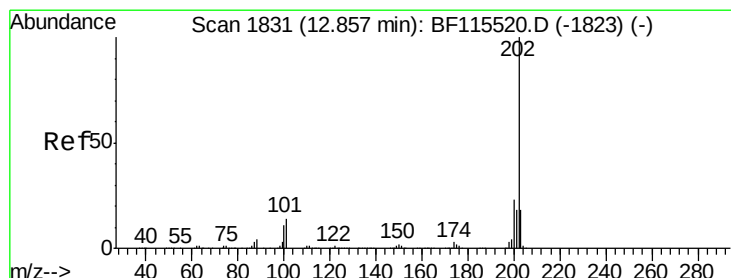
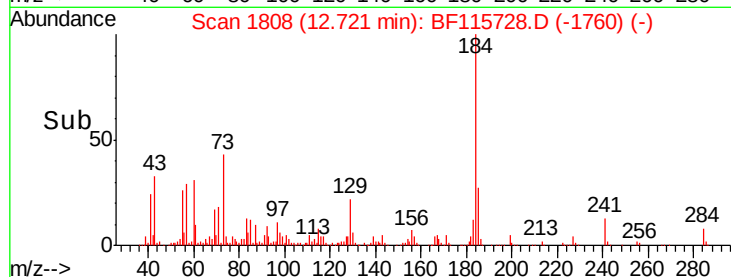
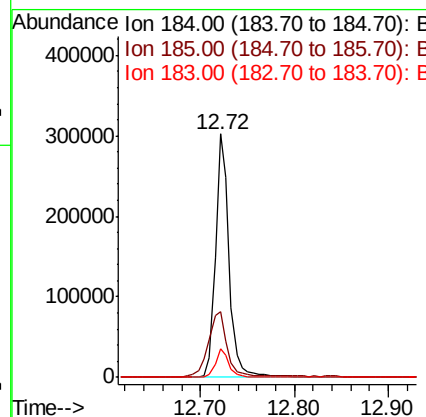
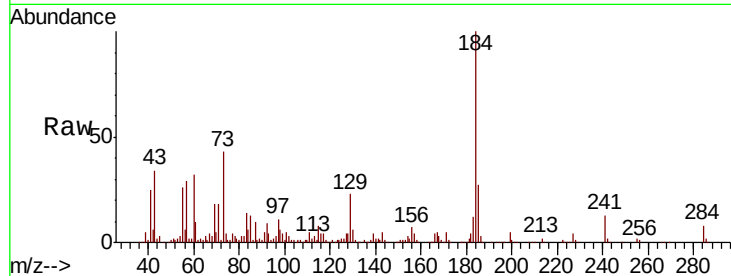
ClientSampleId :

NB-07-071919-AMSD

Tot Ion:	184	Resp:	312865
Ion Ratio	Lower	Upper	
184	100		
185	27.2	12.0	18.0#
183	11.7	9.3	13.9

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#78

Pyrene

Concen: 43.683 ng

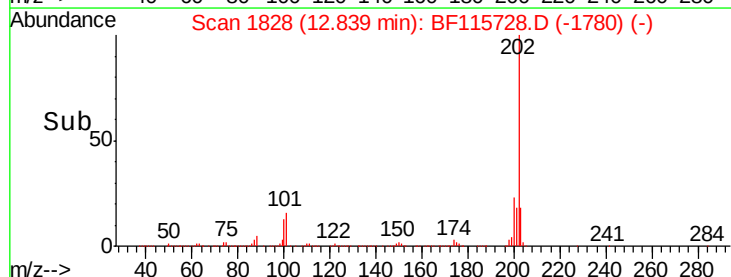
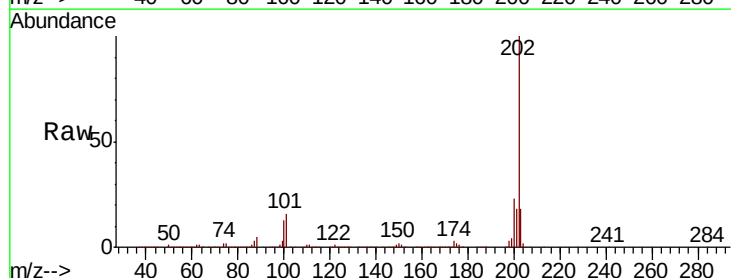
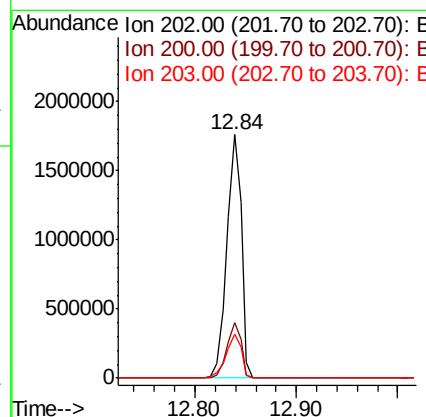
RT: 12.84 min Scan# 1828

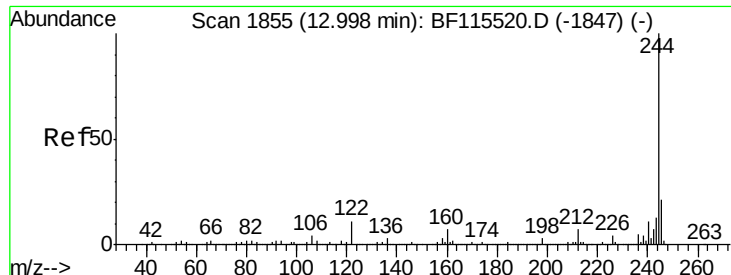
Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Tgt Ion:	202	Resp:	1749789
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.7	28.1
203	18.1	15.2	22.8





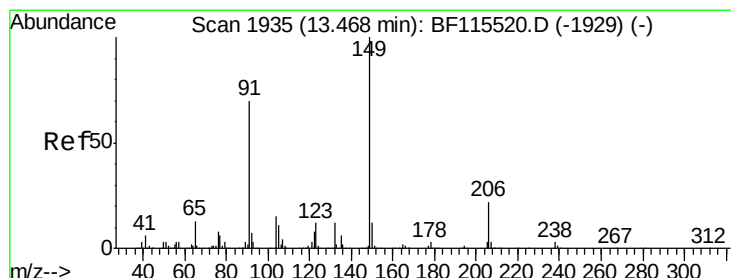
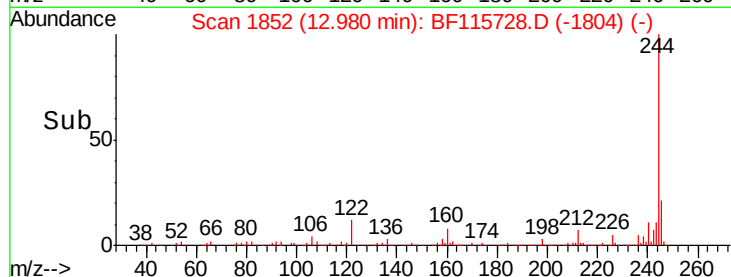
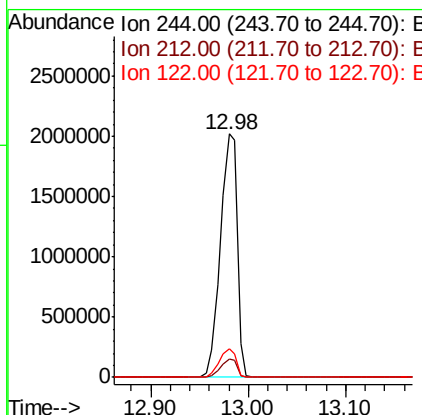
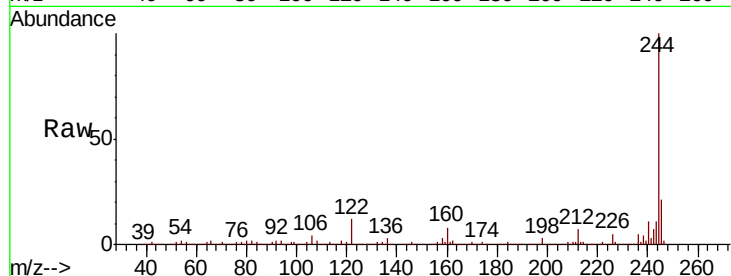
#79
 Terphenyl-d14
 Concen: 94.120 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-AMSD

Tot Ion:244 Resp: 2411683
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.6 8.6 12.8

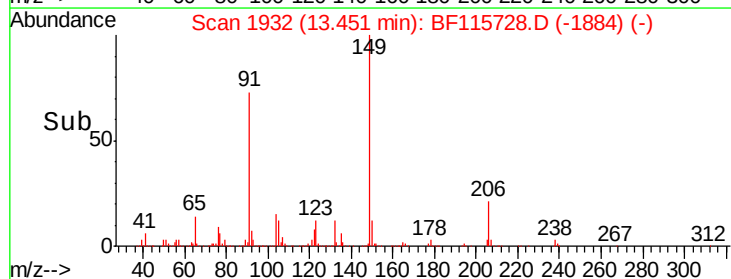
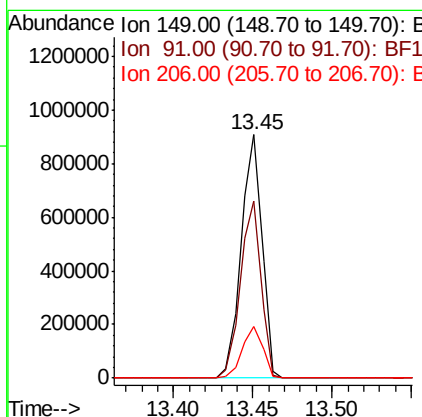
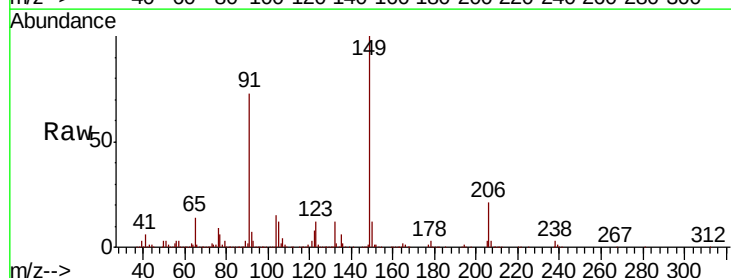
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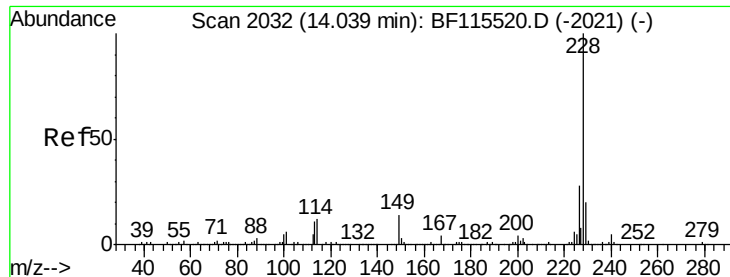
mohammad
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#80
 Butylbenzylphthalate
 Concen: 48.220 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BF115728.D
 Acq: 23 Jul 2019 19:30

Tgt Ion:149 Resp: 823404
 Ion Ratio Lower Upper
 149 100
 91 72.6 55.8 83.8
 206 21.4 18.2 27.2





#81

Benzo(a)anthracene

Concen: 44.425 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMSD

Tot Ion:228 Resp: 1383743

Ion Ratio Lower Upper

228 100

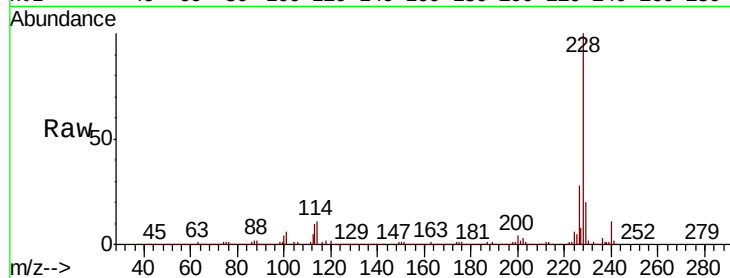
226 28.0 23.4 35.0

229 20.0 17.2 25.8

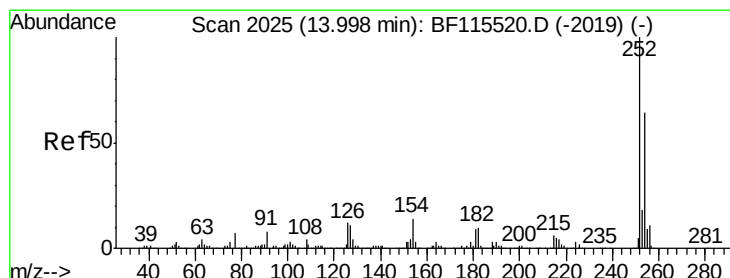
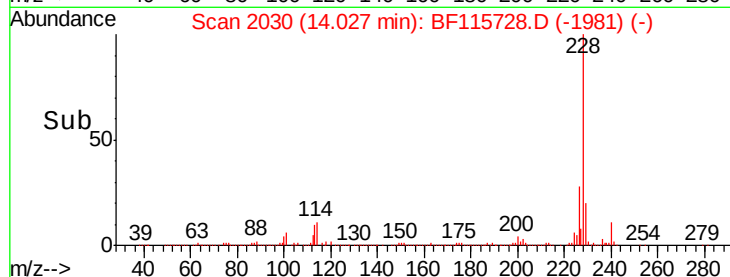
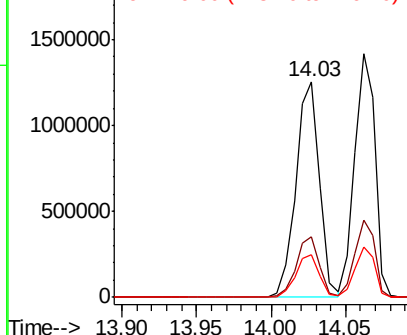
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.906 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF115728.D

Acq: 23 Jul 2019 19:30

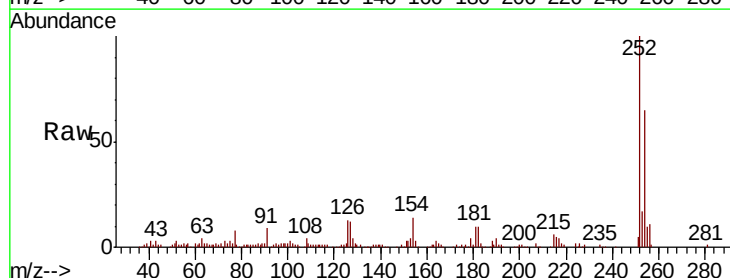
Tgt Ion:252 Resp: 120762

Ion Ratio Lower Upper

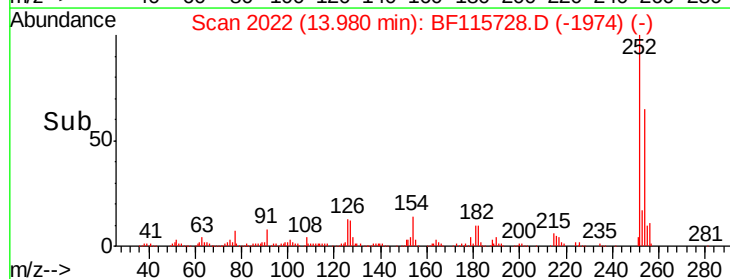
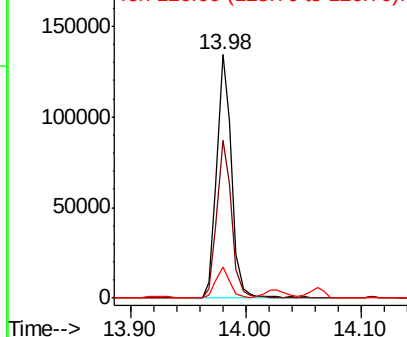
252 100

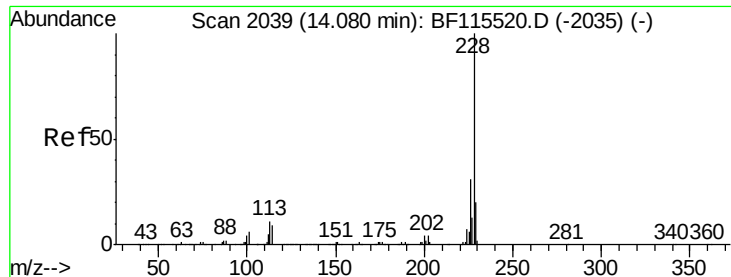
254 64.8 52.9 79.3

126 12.7 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





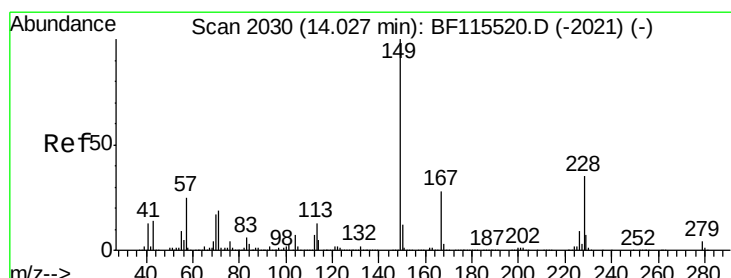
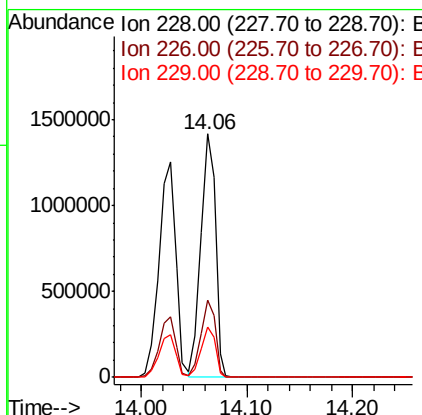
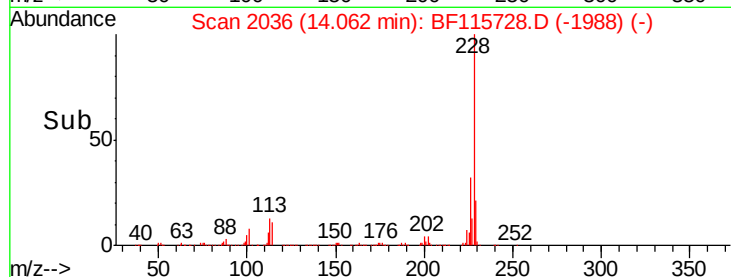
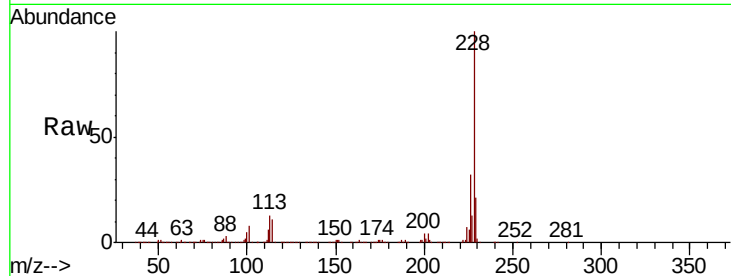
#83
Chrysene
Concen: 43.317 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	20.7	16.6	25.0

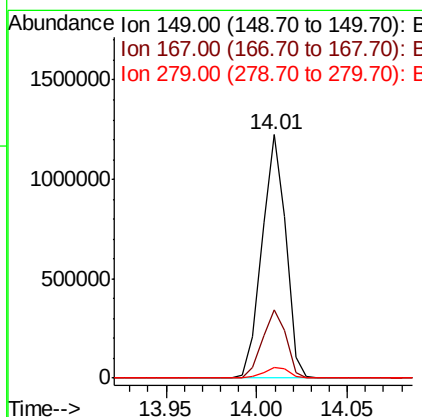
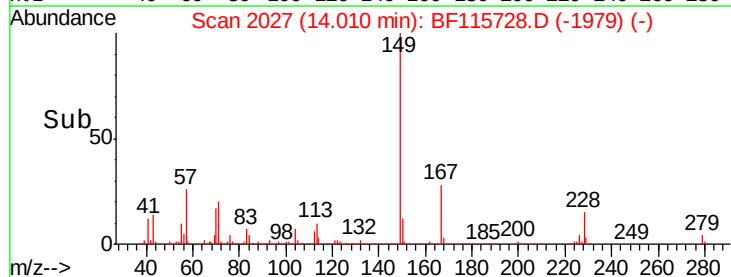
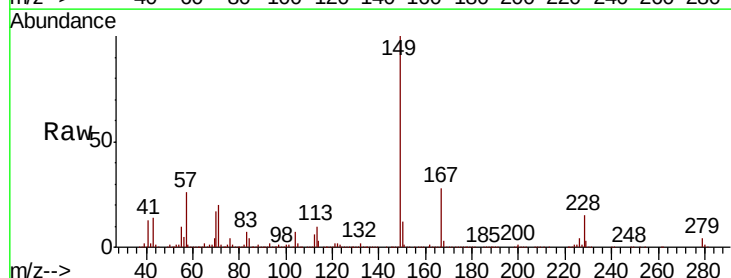
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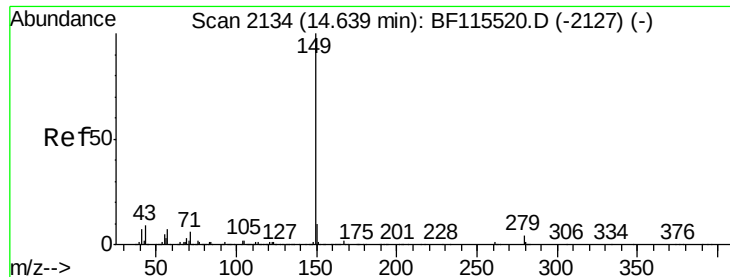
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.999 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	4.4	4.2	6.2





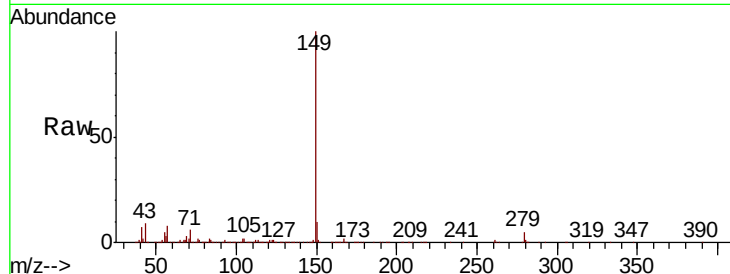
#85
Di-n-octyl phthalate
Concen: 51.794 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.9	7.2	10.8

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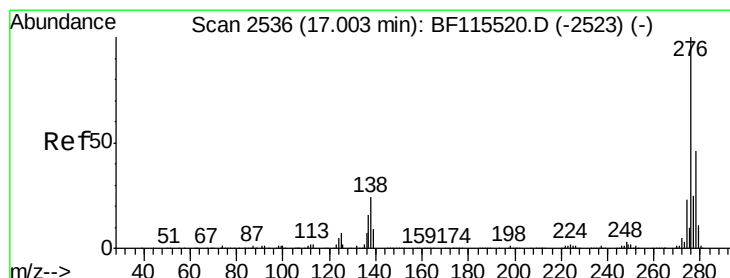
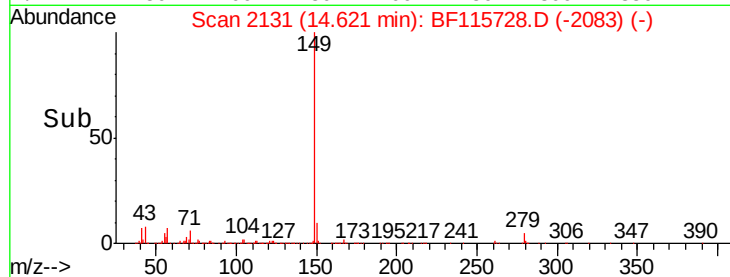
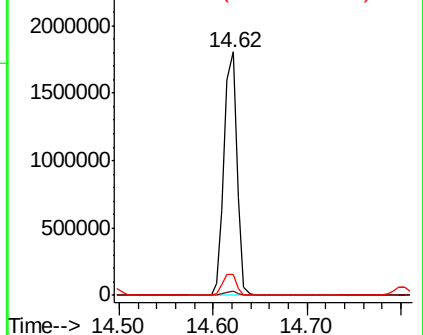


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 51.841 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

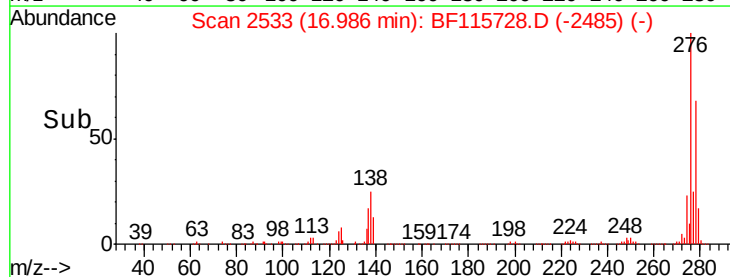
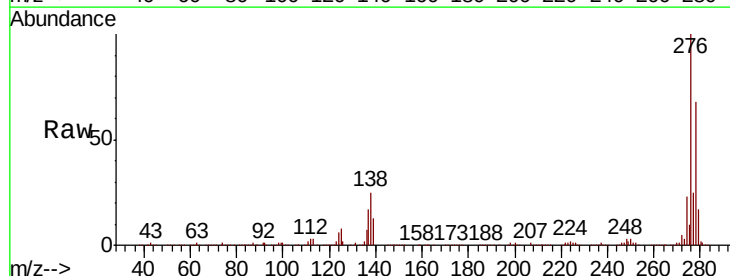
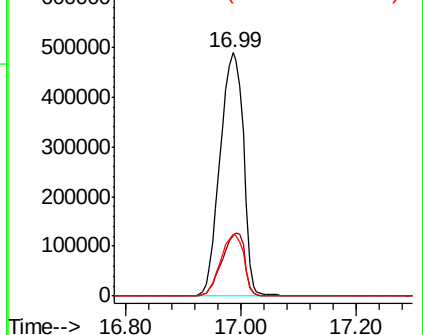
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.2
277	25.1	20.4	30.6

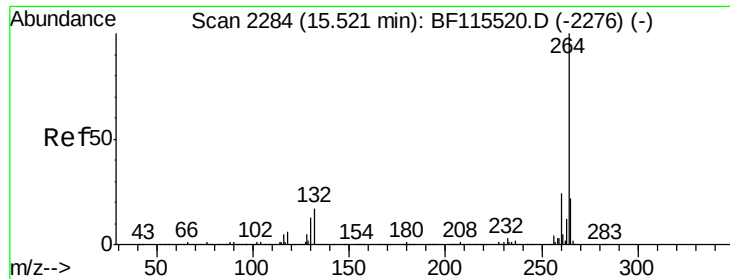
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





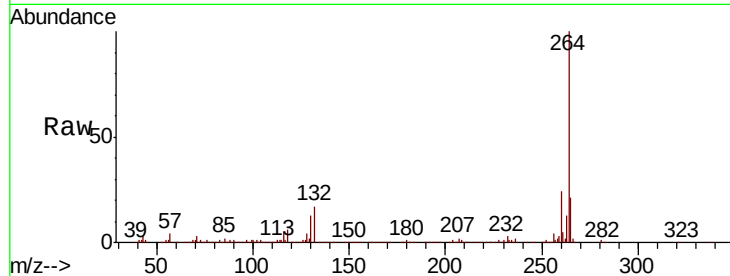
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	21.4	17.7	26.5

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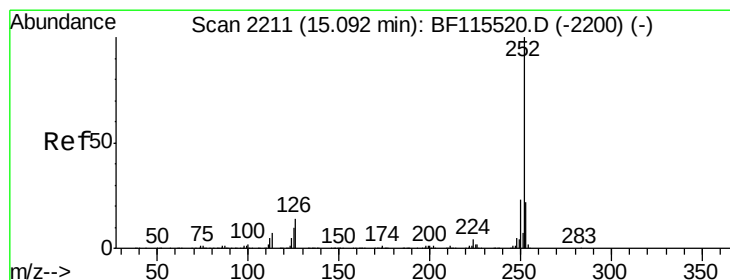
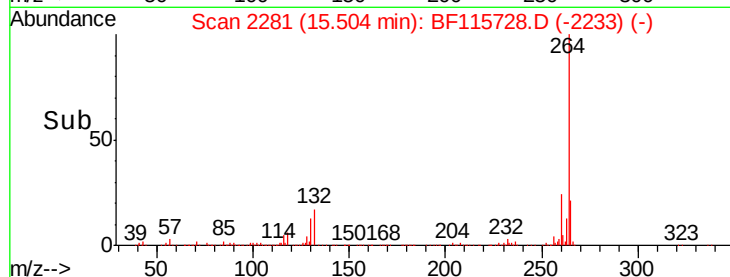
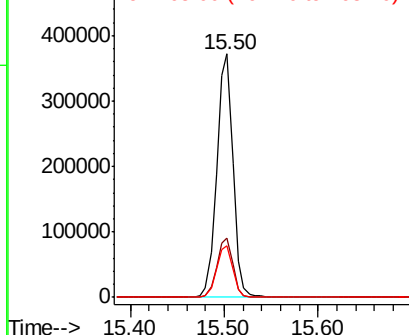


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 44.535 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

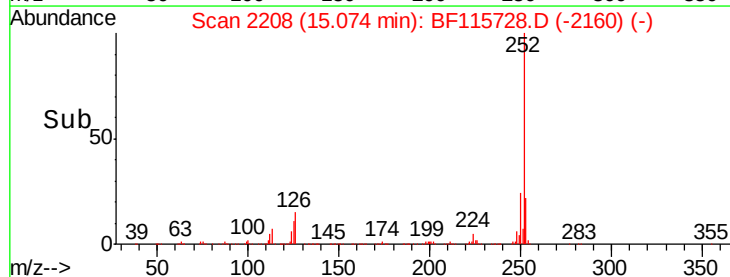
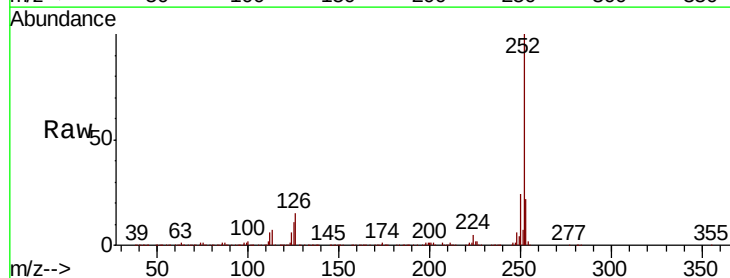
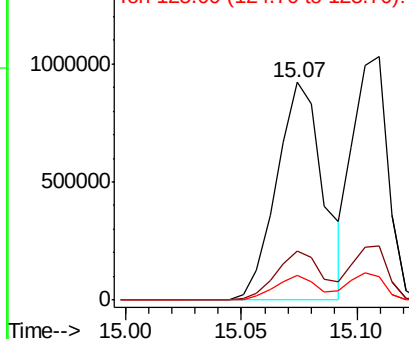
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.1	9.0	13.4

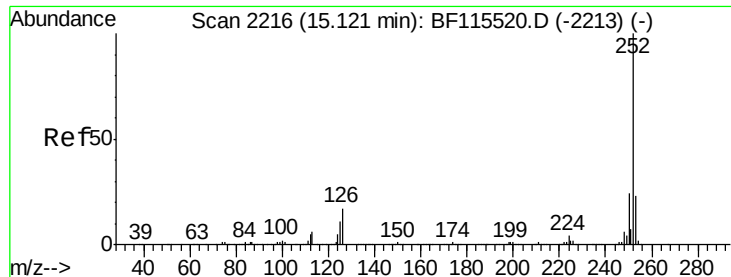
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





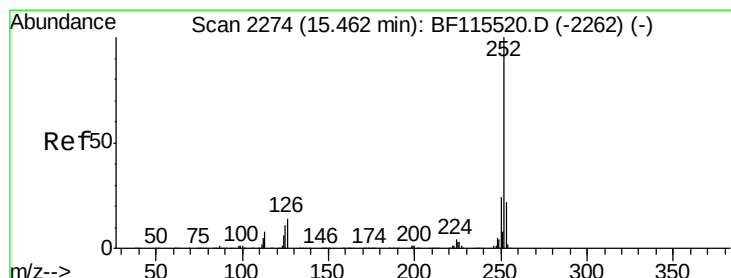
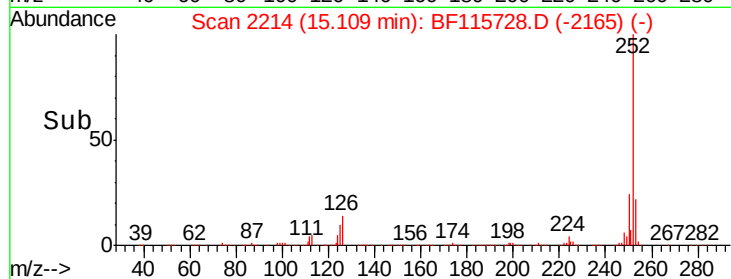
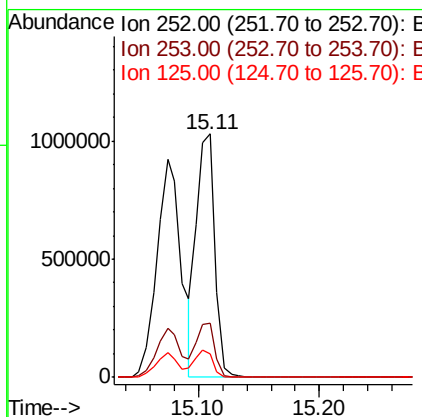
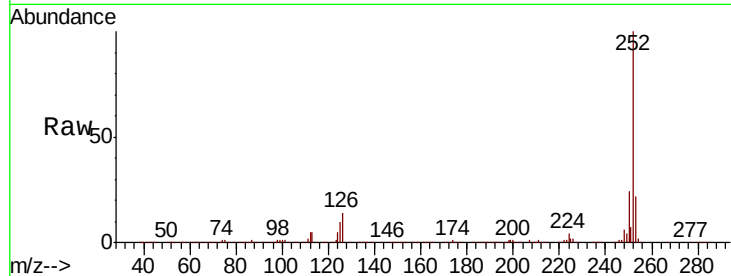
#89
Benzo(k)fluoranthene
Concen: 42.209 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	28.0
125	9.6	9.0	13.6

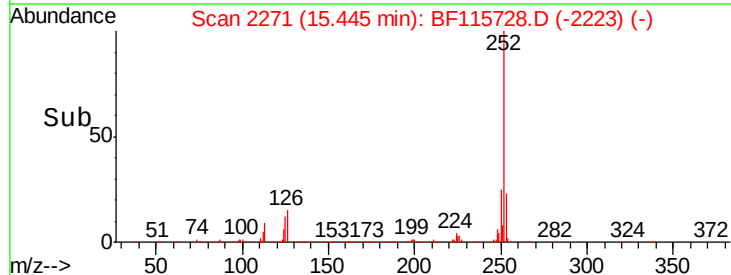
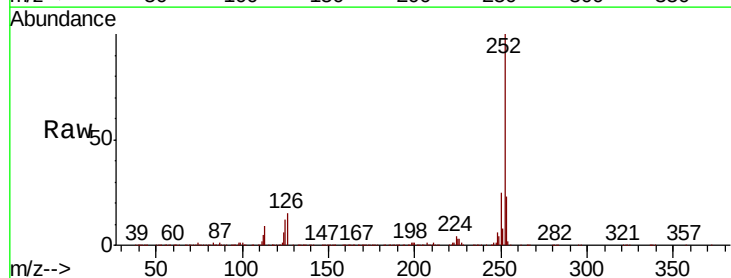
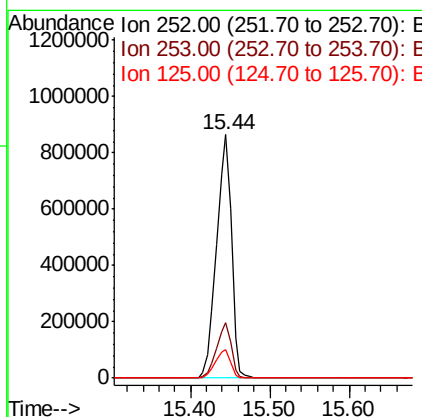
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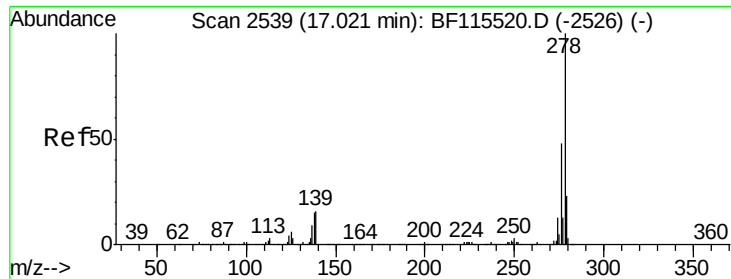
mohammad
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#90
Benzo(a)pyrene
Concen: 45.266 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	12.0	9.1	13.7





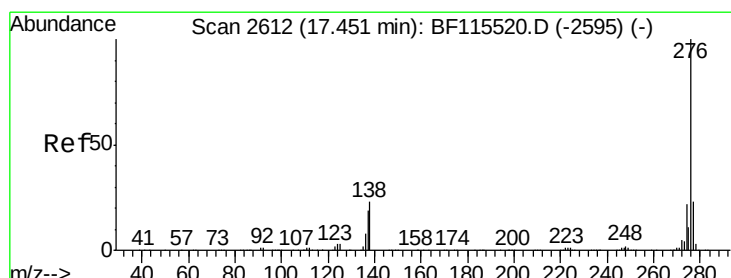
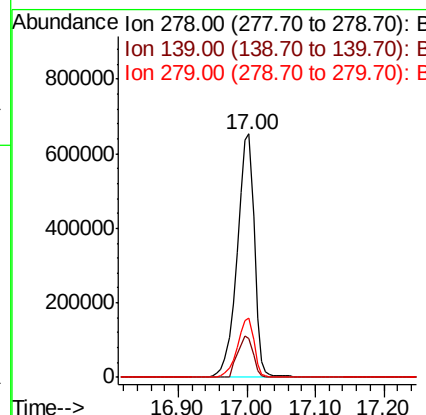
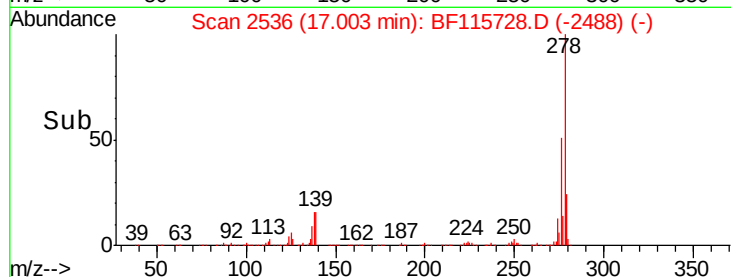
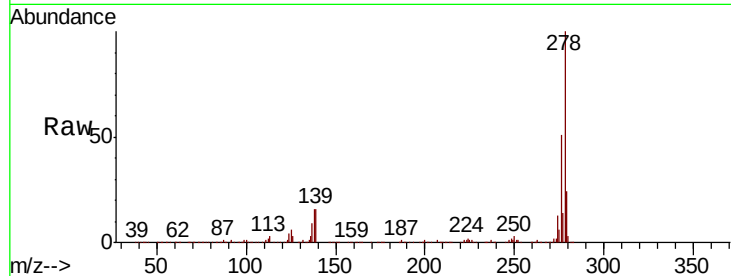
#91
Dibenzo(a,h)anthracene
Concen: 51.651 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	24.4	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/24/2019 11:35:02 AM



#92
Benzo(g,h,i)perylene
Concen: 52.992 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.02 min
Lab File: BF115728.D
Acq: 23 Jul 2019 19:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	22.3	17.2	25.8

