

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115727.D
 Acq On : 23 Jul 2019 19:03
 Operator : HP/JU
 Sample : K3617-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 7/24/2019 11:35:00 AM

Quant Time: Jul 24 05:46:54 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	176156	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	682912	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	380920	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	699560	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	475090	20.00	ng	-0.01
87) Perylene-d12	15.50	264	445941	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1173695	108.98	ng	0.01
7) Phenol-d6	6.51	99	1469061	107.50	ng	0.00
23) Nitrobenzene-d5	7.44	82	1097766	93.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	523558	117.75	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1943764	89.31	ng	-0.02
79) Terphenyl-d14	12.98	244	2238418	86.94	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.84	88	186096	34.642	ng	# 85
3) Pyridine	3.55	79	325893	22.360	ng	99
4) n-Nitrosodimethylamine	3.48	42	214993	40.662	ng	95
6) Aniline	6.54	93	159492	8.387	ng	# 88
8) 2-Chlorophenol	6.66	128	502201	40.560	ng	99
9) Benzaldehyde	6.42	77	187227	21.925	ng	100
10) Phenol	6.53	94	552022	34.799	ng	80
11) bis(2-Chloroethyl)ether	6.61	93	498776	41.298	ng	98
12) 1,3-Dichlorobenzene	6.82	146	525225	37.729	ng	98
13) 1,4-Dichlorobenzene	6.89	146	541862	39.012	ng	97
14) 1,2-Dichlorobenzene	7.05	146	496216	39.081	ng	98
15) Benzyl Alcohol	7.02	79	446521	41.191	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	667860	42.002	ng	98
17) 2-Methylphenol	7.13	107	440311	41.264	ng	97
18) Hexachloroethane	7.39	117	197822	38.371	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	363879	40.829	ng	95
20) 3+4-Methylphenols	7.28	107	501062	39.533	ng	# 84
22) Acetophenone	7.28	105	699864	45.363	ng	# 99
24) Nitrobenzene	7.46	77	572767	45.215	ng	99
25) Isophorone	7.69	82	1067458	45.421	ng	98
26) 2-Nitrophenol	7.77	139	289813	44.448	ng	98
27) 2,4-Dimethylphenol	7.81	122	475422	48.732	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	658532	45.676	ng	99
29) 2,4-Dichlorophenol	8.02	162	464473	45.779	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	492212	42.917	ng	98
31) Naphthalene	8.17	128	1490104	45.054	ng	97
32) Benzoic acid	7.92	122	172545	21.551	ng	98
33) 4-Chloroaniline	8.22	127	105283	7.187	ng	98
34) Hexachlorobutadiene	8.30	225	276048	41.973	ng	99
35) Caprolactam	8.60	113	114102m	36.393	ng	
36) 4-Chloro-3-methylphenol	8.71	107	489065	46.469	ng	100
37) 2-Methylnaphthalene	8.87	142	1025298	46.767	ng	97
38) 1-Methylnaphthalene	8.97	142	958815	46.044	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	462704	40.337	ng	98

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mohammad
 7/24/2019 11:35:00 AM

Quant Time: Jul 24 05:46:54 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	493578	75.431	nq	100
43) 2,4,6-Trichlorophenol	9.15	196	329088	39.231	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	360088	41.916	nq	97
46) 1,1'-Biphenyl	9.33	154	1264964	42.477	nq	99
47) 2-Chloronaphthalene	9.36	162	998086	40.251	nq	99
48) 2-Nitroaniline	9.45	65	313970	40.909	nq	100
49) Acenaphthylene	9.77	152	1532735	41.716	nq	99
50) Dimethylphthalate	9.63	163	1325416	46.247	nq	99
51) 2,6-Dinitrotoluene	9.69	165	276981	42.527	nq	95
52) Acenaphthene	9.95	154	944359	39.811	nq	99
53) 3-Nitroaniline	9.86	138	116634	15.671	nq	99
54) 2,4-Dinitrophenol	9.97	184	253744	75.883	nq	97
55) Dibenzofuran	10.12	168	1385187	41.119	nq	99
56) 4-Nitrophenol	10.03	139	415550	73.218	nq	98
57) 2,4-Dinitrotoluene	10.10	165	380812	45.131	nq	97
58) Fluorene	10.46	166	1039363	43.159	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	304671	42.425	nq	98
60) Diethylphthalate	10.33	149	1199155	44.657	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	545491	40.845	nq	98
62) 4-Nitroaniline	10.48	138	285785	40.030	nq	96
63) Azobenzene	10.61	77	1184833	45.490	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	185523	43.407	nq	92
66) n-Nitrosodiphenylamine	10.57	169	984509	45.242	nq	100
67) 4-Bromophenyl-phenylether	10.94	248	351002	43.906	nq	97
68) Hexachlorobenzene	11.02	284	385698	42.247	nq	96
69) Atrazine	11.10	200	323603	45.330	nq	99
70) Pentachlorophenol	11.20	266	418204	74.896	nq	99
71) Phenanthrene	11.42	178	1601472	44.661	nq	98
72) Anthracene	11.47	178	1646240	44.422	nq	99
73) Carbazole	11.63	167	1468150	45.177	nq	100
74) Di-n-butylphthalate	11.96	149	1886642	47.131	nq	99
75) Fluoranthene	12.61	202	1696776	44.778	nq	97
77) Benzidine	12.73	184	32500	1.931	nq	# 1
78) Pyrene	12.84	202	1676587	41.653	nq	99
80) Butylbenzylphthalate	13.45	149	810305	47.223	nq	99
81) Benzo(a)anthracene	14.03	228	1365971	43.643	nq	97
82) 3,3'-Dichlorobenzidine	13.98	252	125994	11.324	nq	96
83) Chrysene	14.06	228	1326436	42.216	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1092532	51.403	nq	99
85) Di-n-octyl phthalate	14.62	149	1704003	50.388	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1290598	48.348	nq	99
88) Benzo(b)fluoranthene	15.07	252	1243013	43.288	nq	100
89) Benzo(k)fluoranthene	15.11	252	1070282	41.806	nq	97
90) Benzo(a)pyrene	15.44	252	1088382	44.099	nq	100
91) Dibenzo(a,h)anthracene	17.00	278	1070803	49.421	nq	100
92) Benzo(g,h,i)perylene	17.43	276	1096879	50.761	nq	100

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



#1

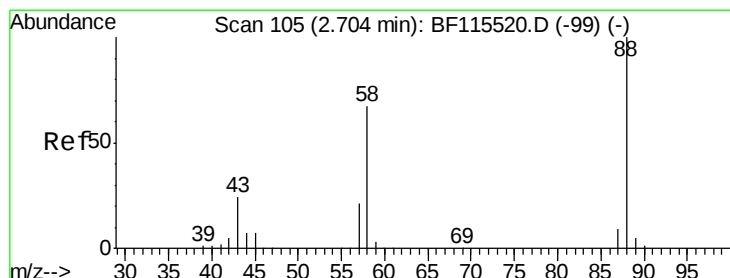
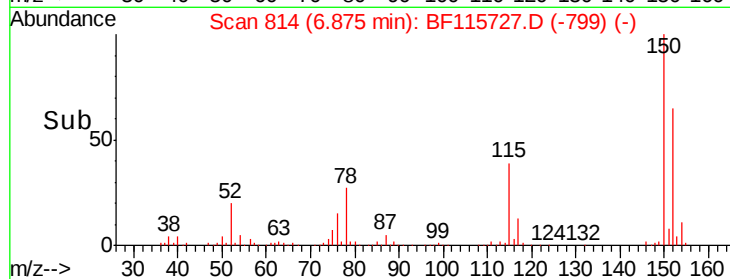
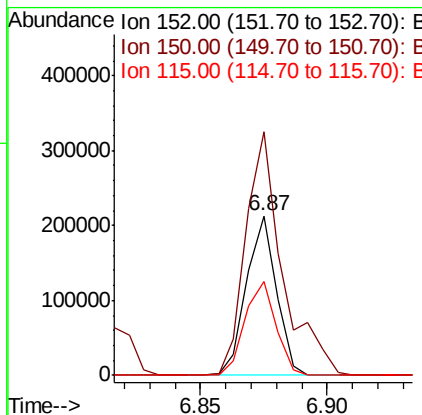
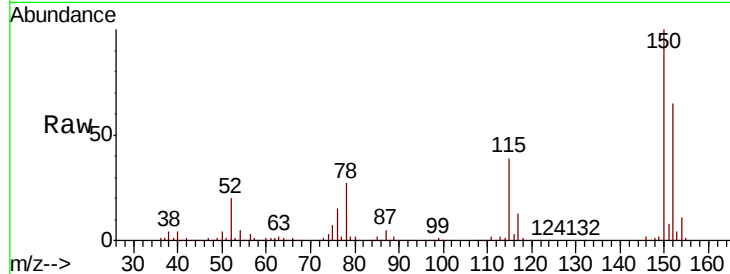
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	129.7	194.5
115	59.0	48.2	72.4

Manual Integrations
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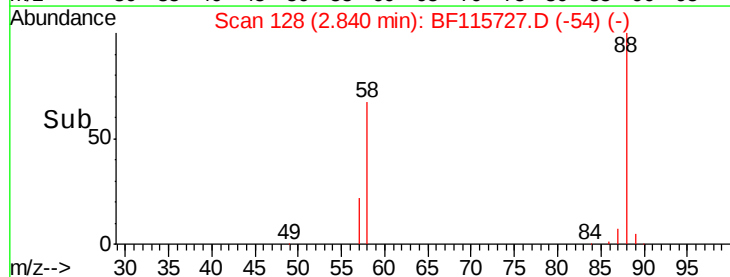
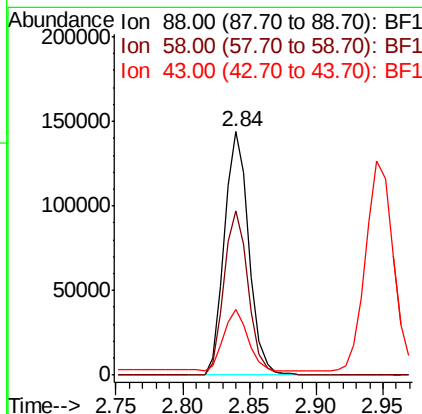
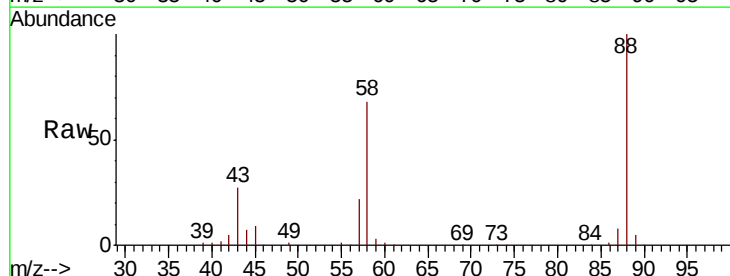
mohammad
7/24/2019 11:35:00 AM

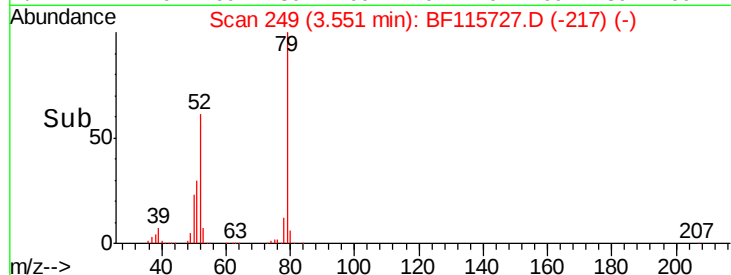
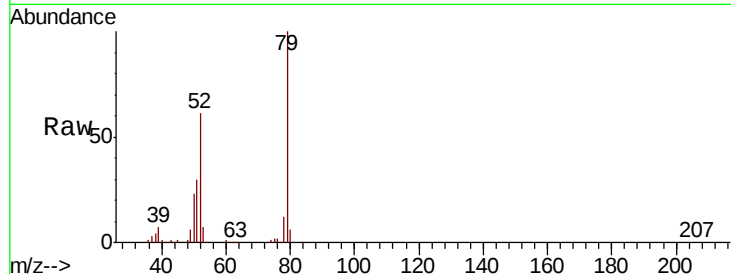
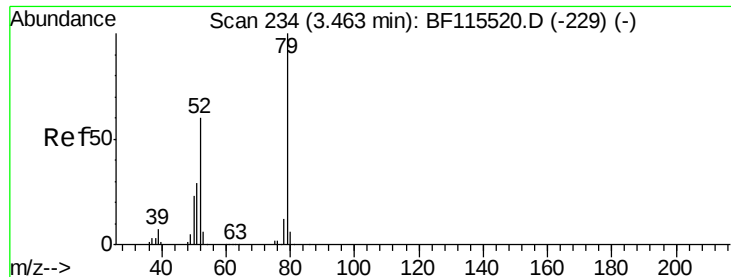


#2

1,4-Dioxane
Concen: 34.642 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.14 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	52.6	79.0
43	0.0	19.1	28.7#





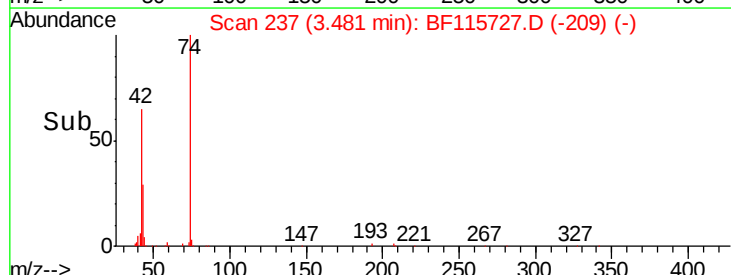
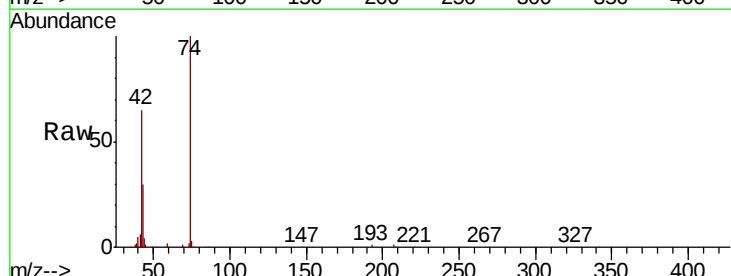
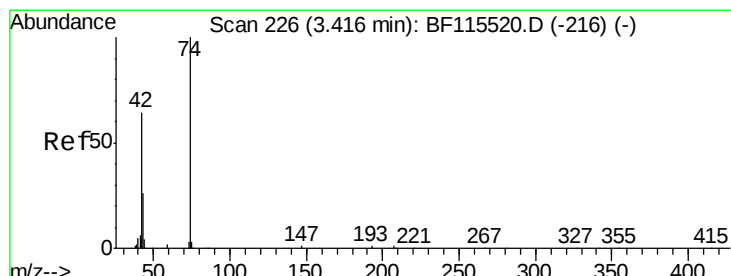
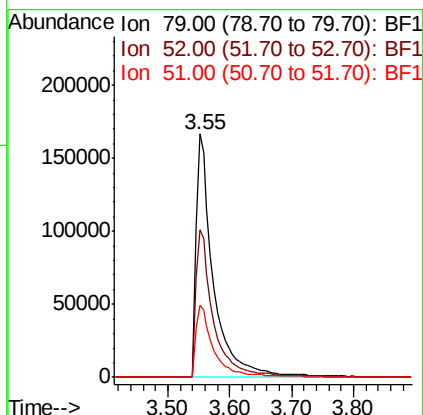
#3
Pvridine
Concen: 22.360 ng
RT: 3.55 min Scan# 249
Delta R.T. 0.09 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tot Ion	Ratio	Resp	Lower	Upper
79	100	325893		
52	60.9		47.8	71.6
51	29.8		23.8	35.8

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

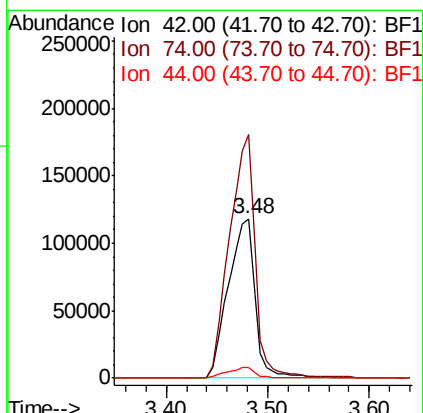
Manual Integrations
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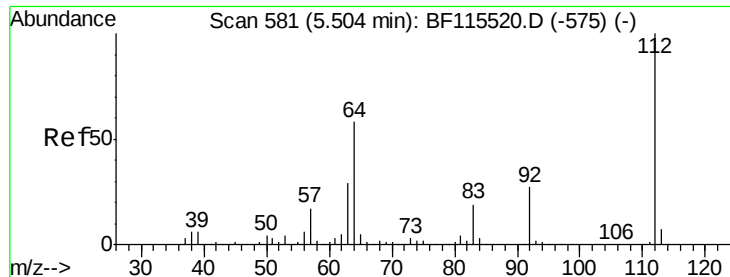
mohammad
7/24/2019 11:35:00 AM



#4
n-Nitrosodimethylamine
Concen: 40.662 ng
RT: 3.48 min Scan# 237
Delta R.T. 0.06 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	214993		
74	152.8		127.5	191.3
44	6.3		5.0	7.6





#5

2-Fluorophenol

Concen: 108.984 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

Tot Ion:112 Resp: 1173695

Ion Ratio Lower Upper

112 100

64 58.7 46.8 70.2

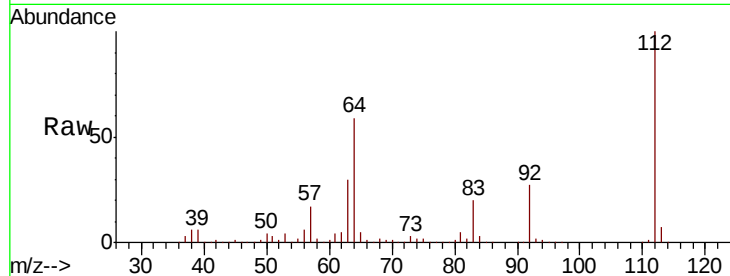
63 30.3 24.1 36.1

Manual Integrations

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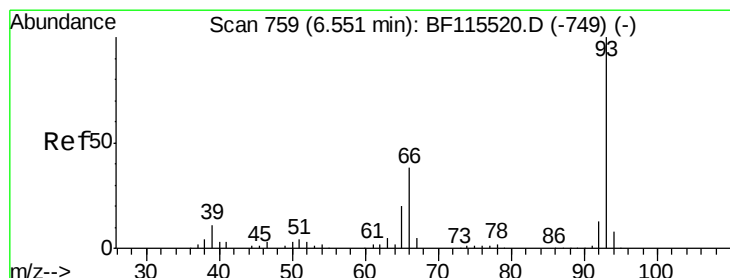
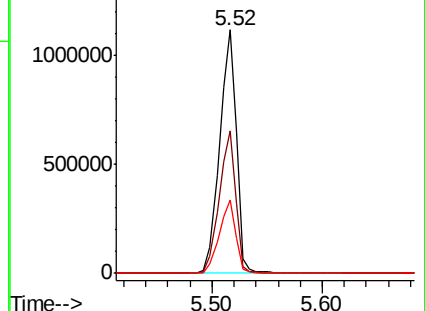
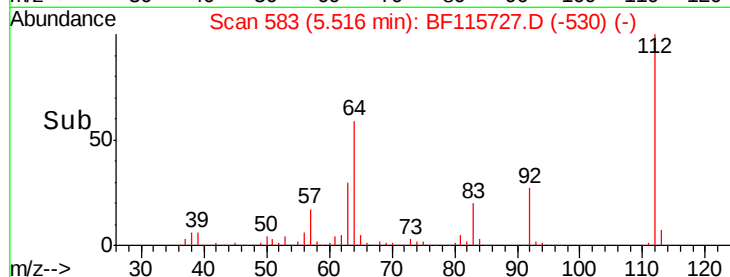
7/24/2019 11:35:00 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.387 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

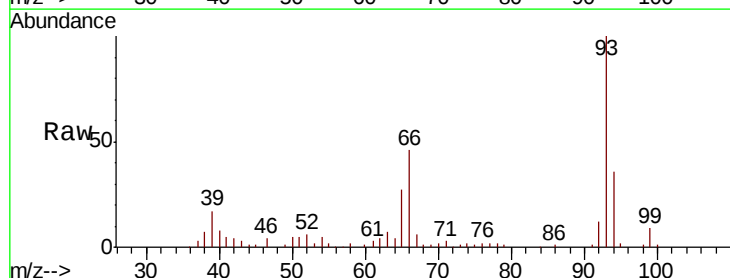
Tgt Ion: 93 Resp: 159492

Ion Ratio Lower Upper

93 100

66 46.4 31.7 47.5

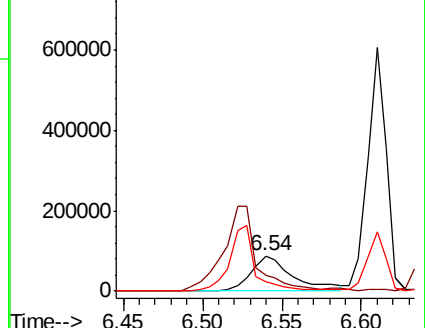
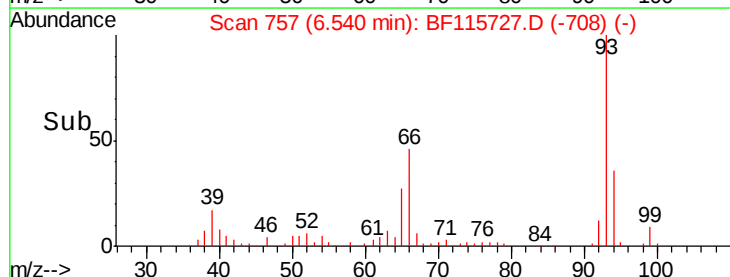
65 26.8 16.2 24.2#

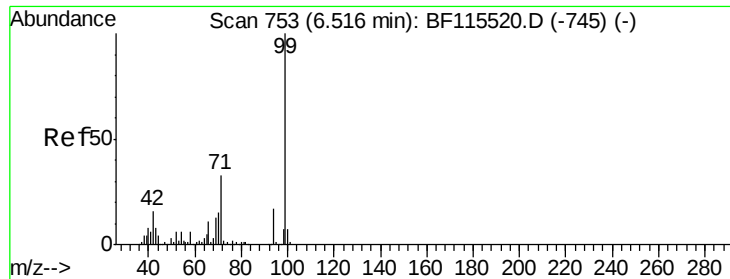


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.504 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

Tot Ion: 99 Resp: 1469061

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

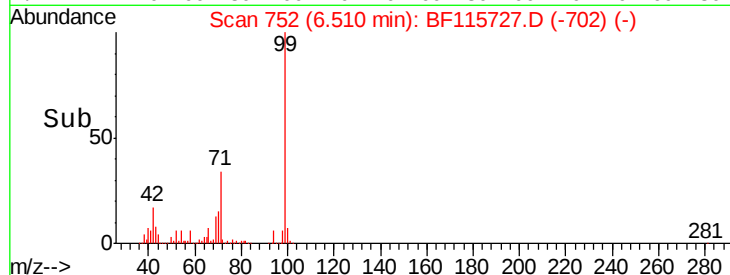
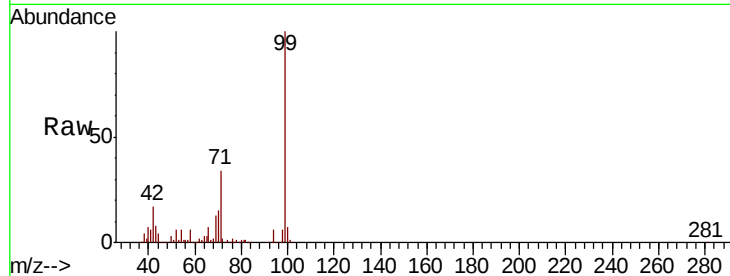
71 33.5 28.5 42.7

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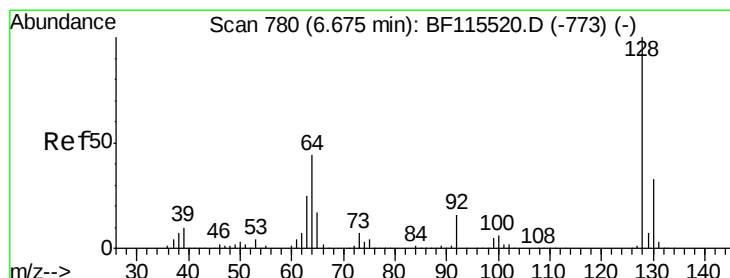
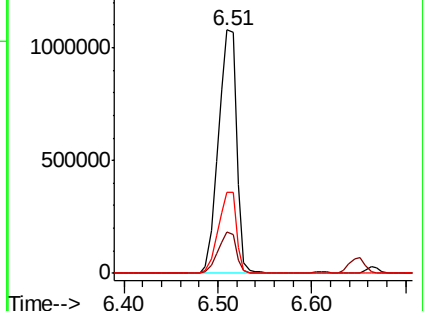
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.560 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

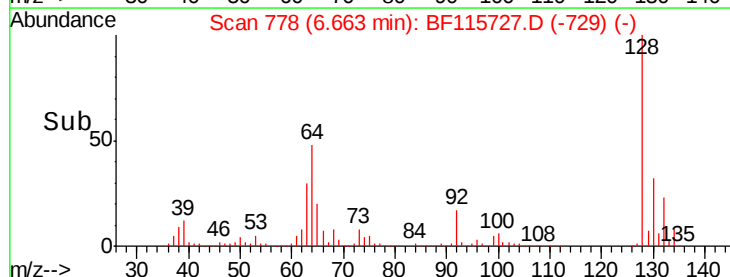
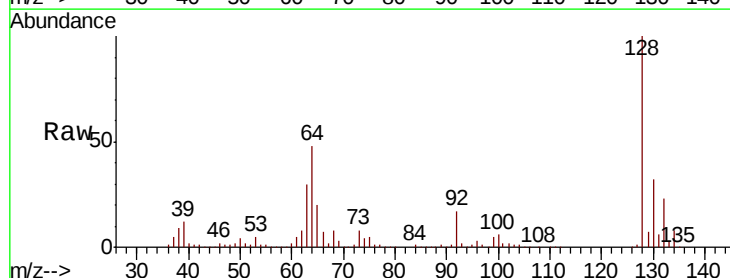
Tgt Ion: 128 Resp: 502201

Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

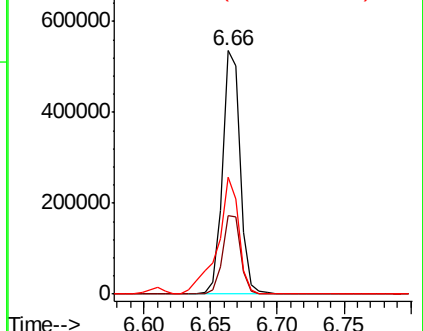
64 48.1 26.8 66.8

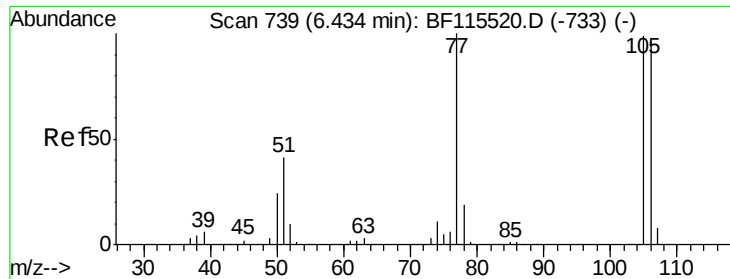


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.925 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

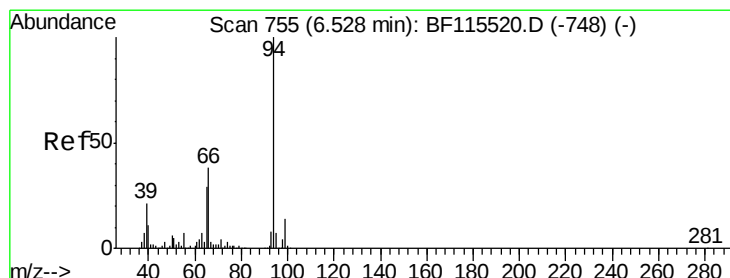
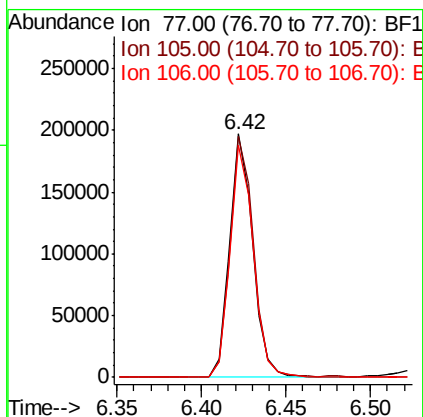
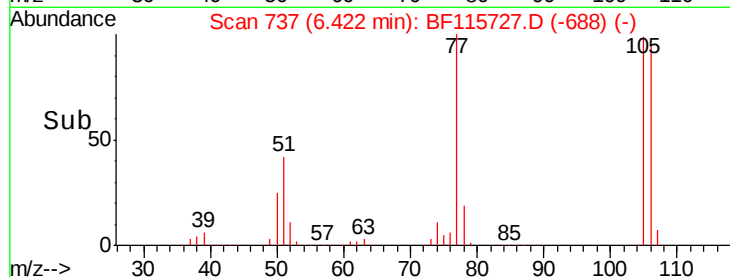
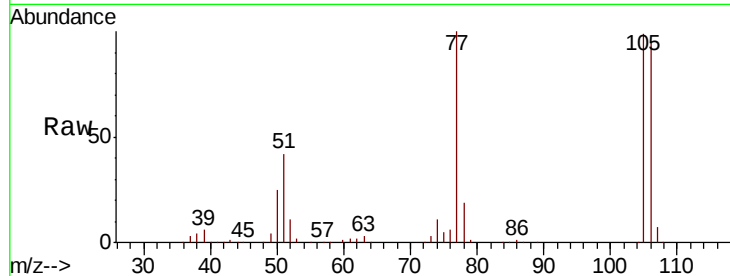
ClientSampleId :

NB-07-071919-AMS

Tot Ion:	77	Resp:	187227
Ion Ratio	Lower	Upper	
77	100		
105	98.8	78.8	118.8
106	95.3	75.6	115.6

Manual Integrations
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#10

Phenol

Concen: 34.799 ng

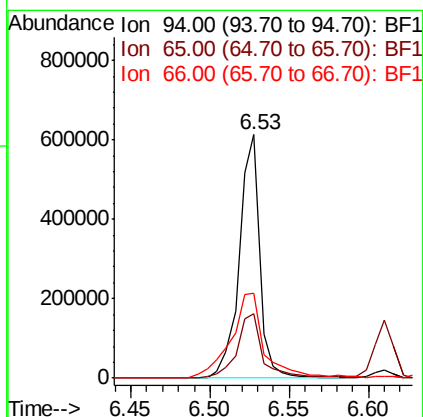
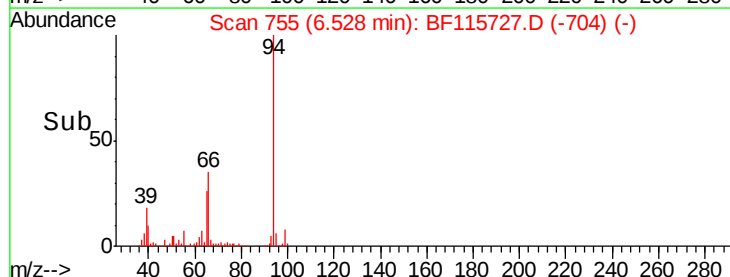
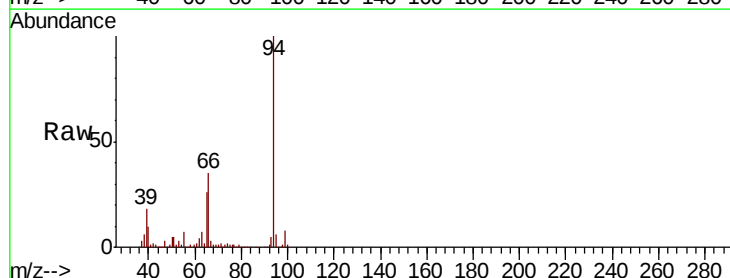
RT: 6.53 min Scan# 755

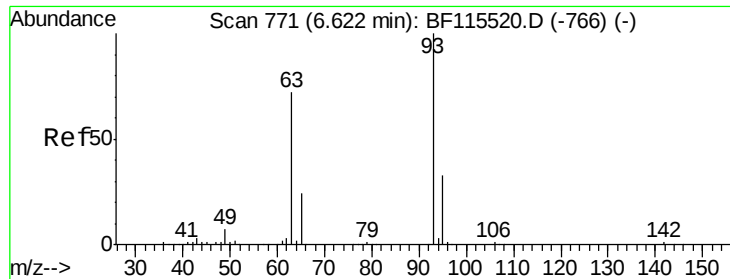
Delta R.T. 0.00 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Tgt Ion:	94	Resp:	552022
Ion Ratio	Lower	Upper	
94	100		
65	26.4	14.5	54.5
66	34.6	31.3	71.3





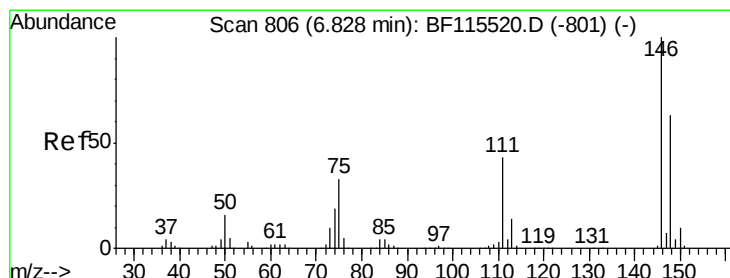
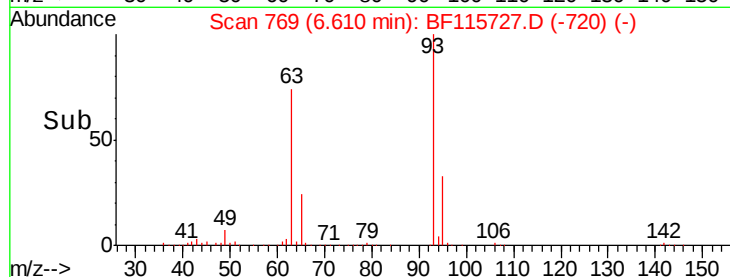
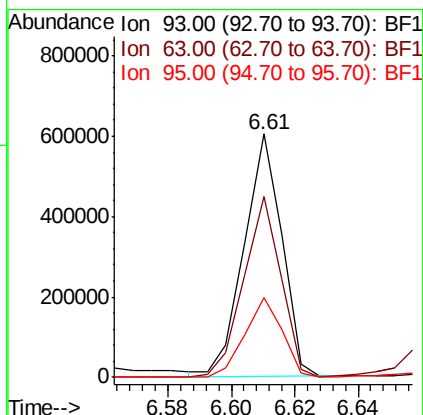
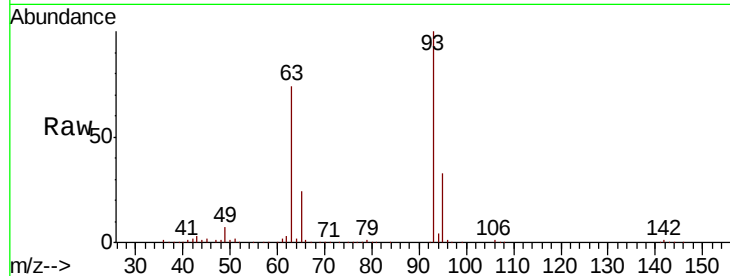
#11
bis(2-Chloroethyl)ether
Concen: 41.298 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	93	Resp	498776
Ion Ratio	100	Lower	Upper
93	100		
63	74.2	52.2	92.2
95	32.7	12.9	52.9

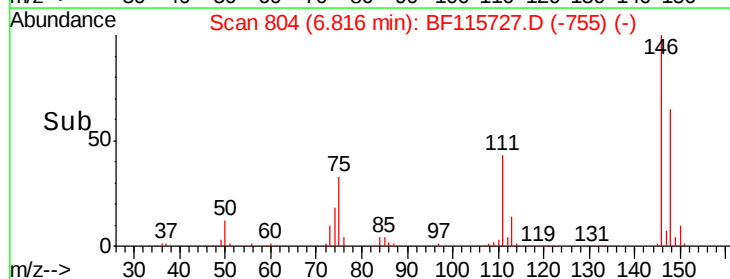
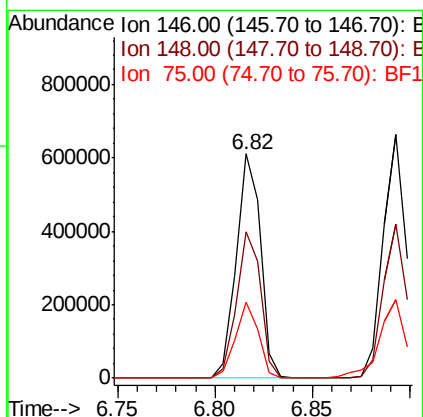
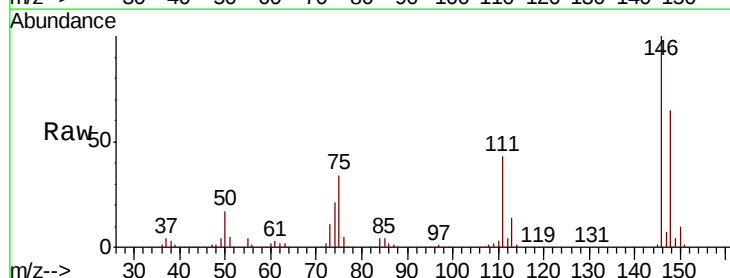
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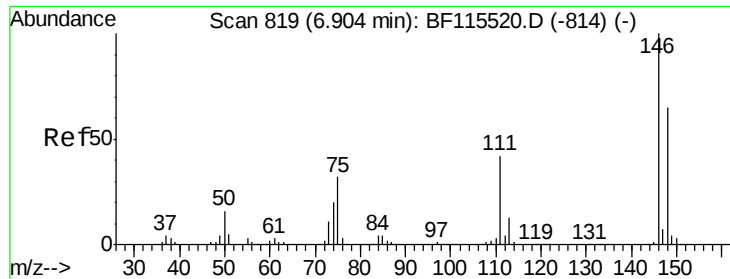
mohammad
7/24/2019 11:35:00 AM



#12
1,3-Dichlorobenzene
Concen: 37.729 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	146	Resp	525225
Ion Ratio	100	Lower	Upper
146	100		
148	65.3	52.1	78.1
75	34.0	24.9	37.3





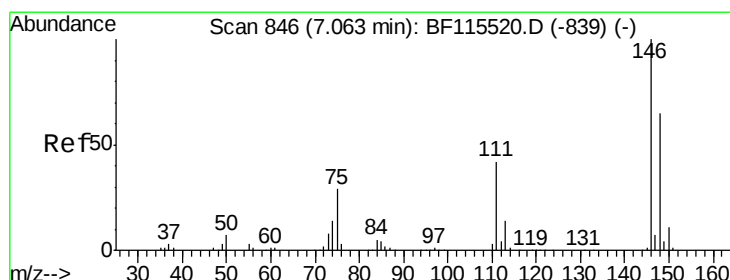
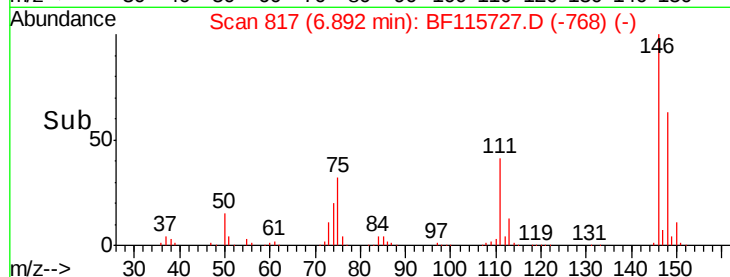
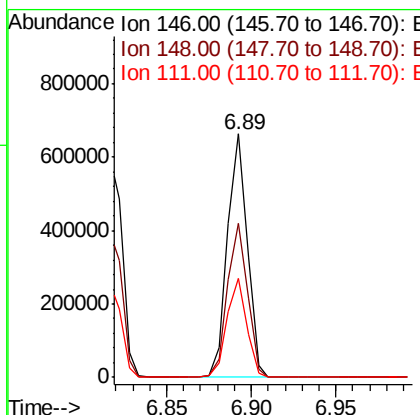
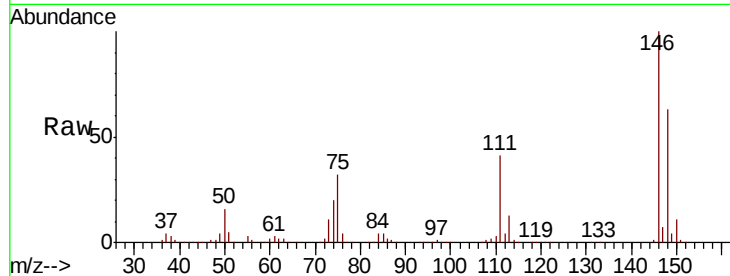
#13
 1,4-Dichlorobenzene
 Concen: 39.012 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
111	40.5	35.5	53.3

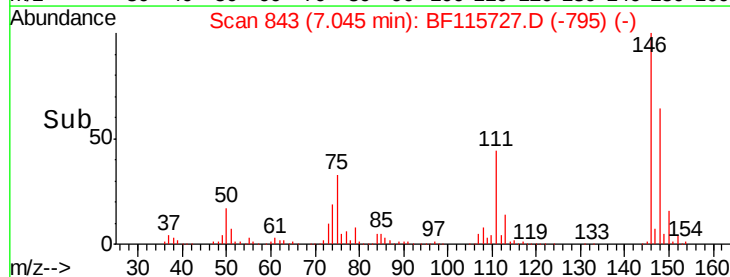
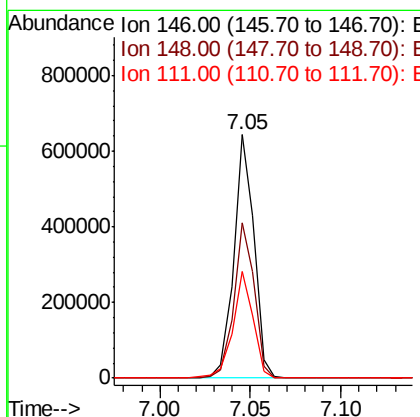
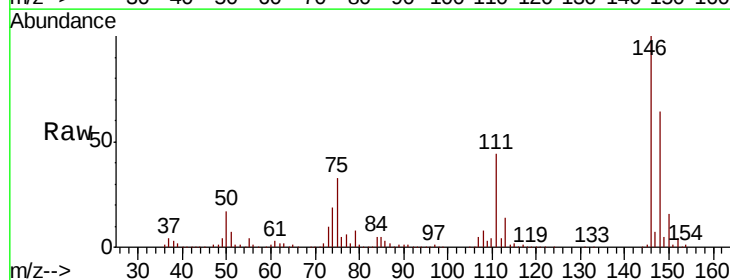
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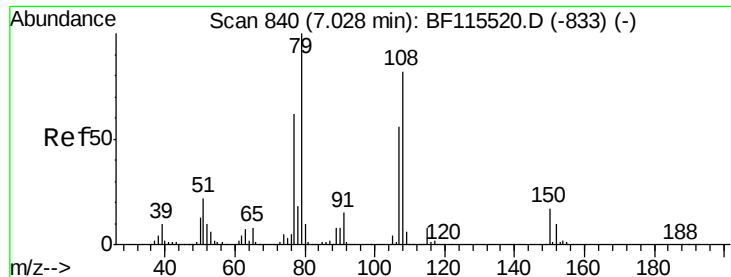
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.081 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	43.7	37.6	56.4





#15

Benzyl Alcohol

Concen: 41.191 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

Tot Ion: 79 Resp: 446521

Ion Ratio Lower Upper

79 100

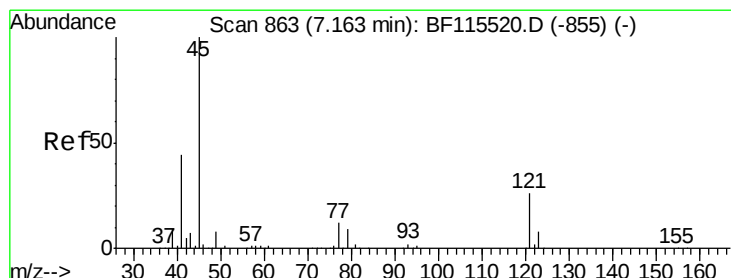
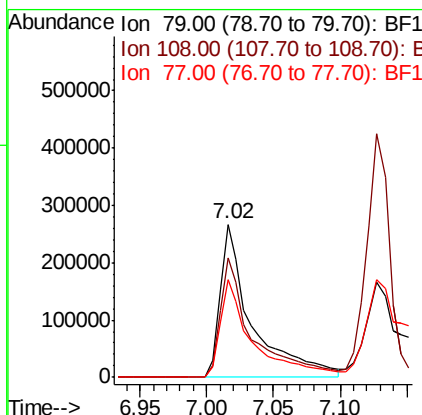
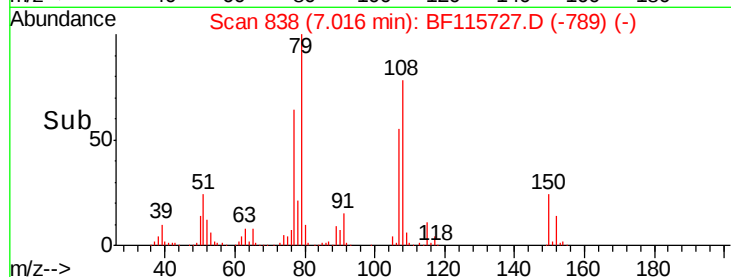
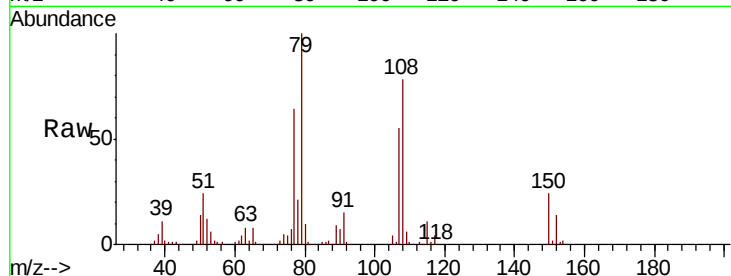
108 78.4 64.2 96.4

77 63.8 51.8 77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.002 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

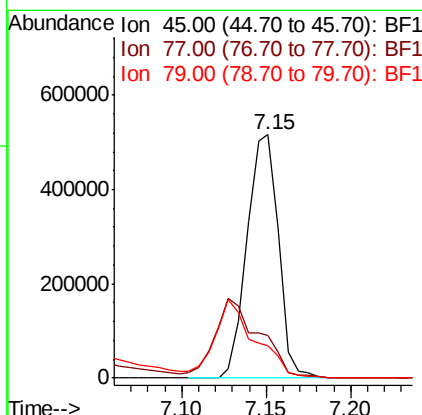
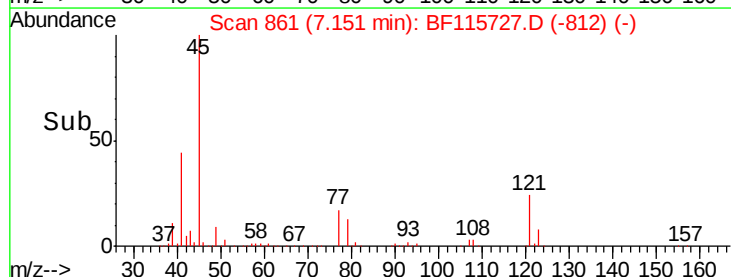
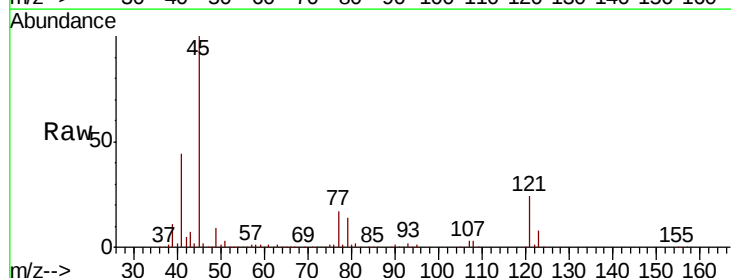
Tgt Ion: 45 Resp: 667860

Ion Ratio Lower Upper

45 100

77 17.4 0.0 38.1

79 13.5 0.0 34.1





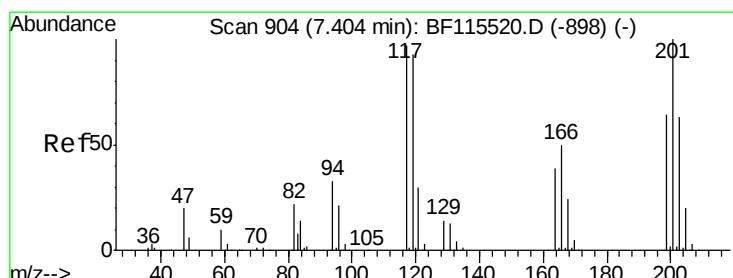
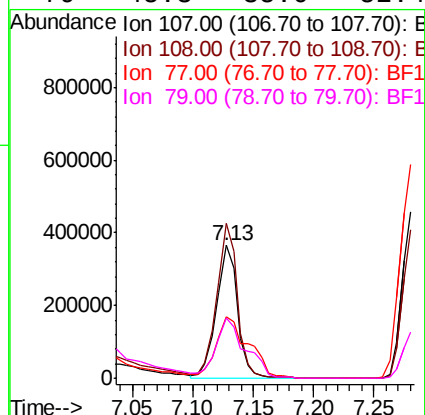
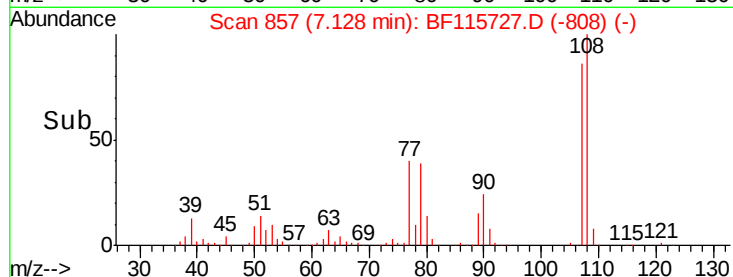
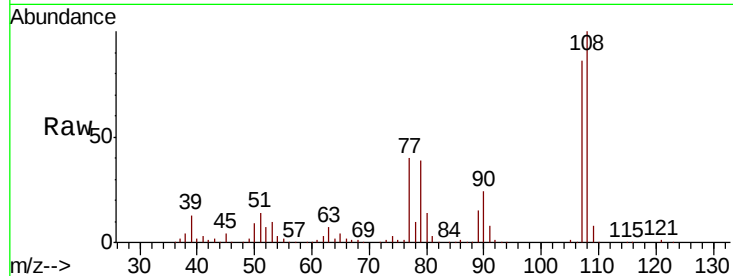
#17
2-Methylphenol
Concen: 41.264 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.0	89.4	134.2	
77	46.3	35.7	53.5	
79	45.3	35.0	52.4	

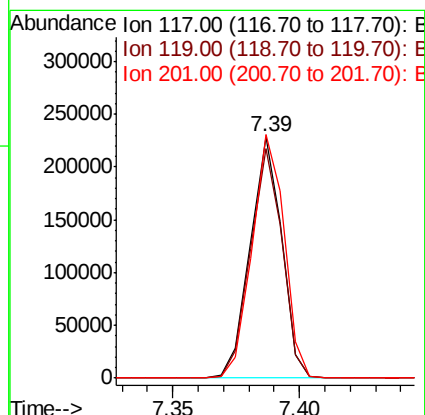
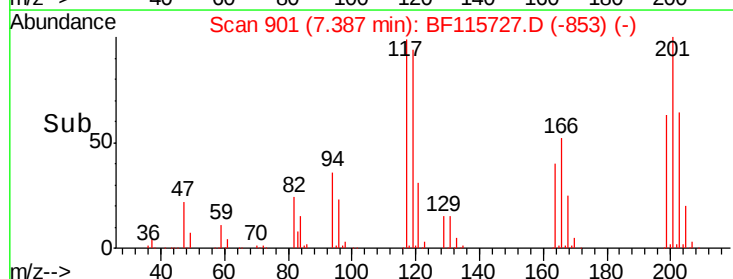
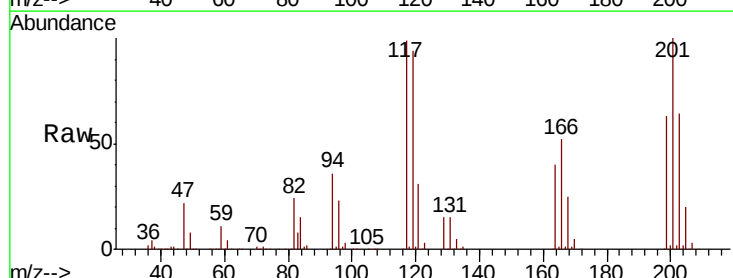
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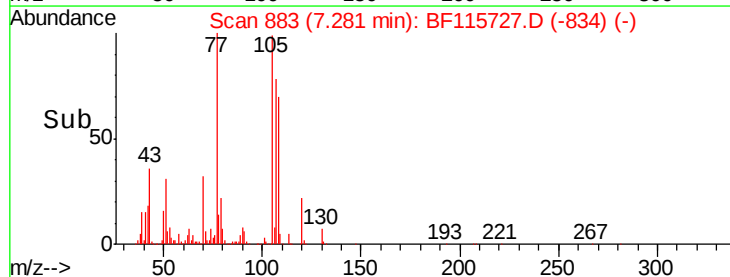
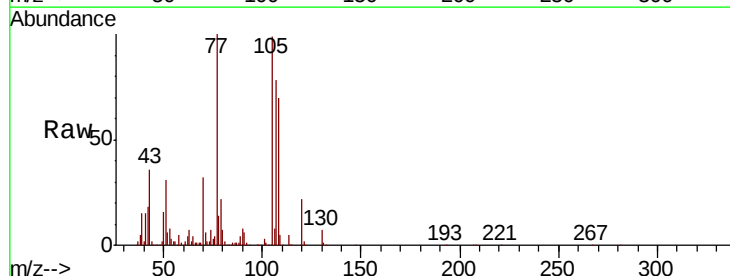
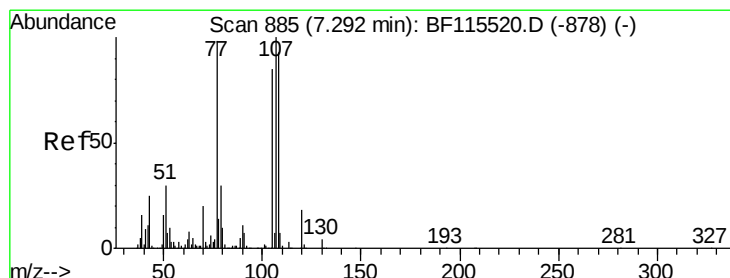
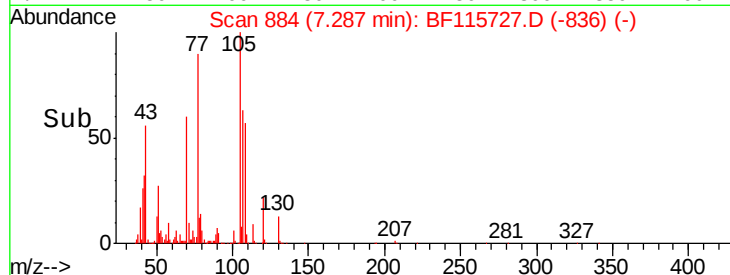
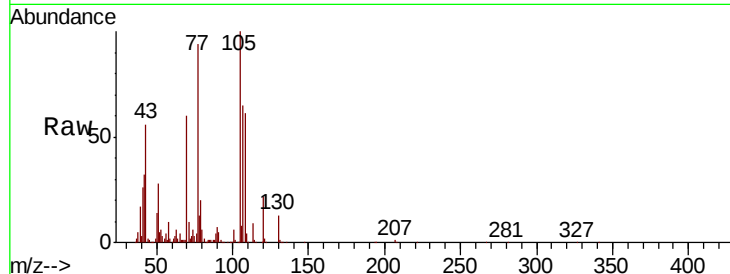
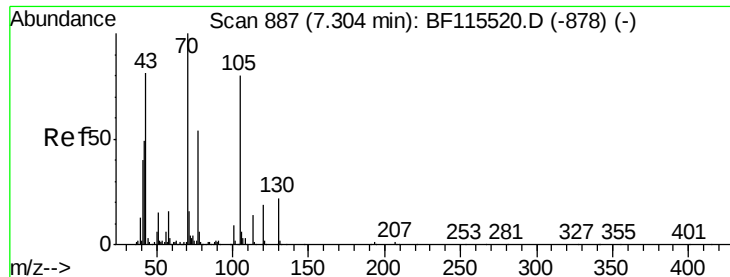
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#18
Hexachloroethane
Concen: 38.371 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	77.7	116.5	
201	101.0	86.0	129.0	





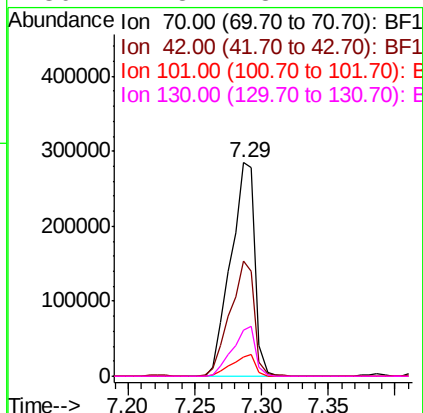
#19
n-Nitroso-di-n-propylamine
Concen: 40.829 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.9	39.6	59.4	
101	9.2	8.1	12.1	
130	21.8	18.2	27.2	

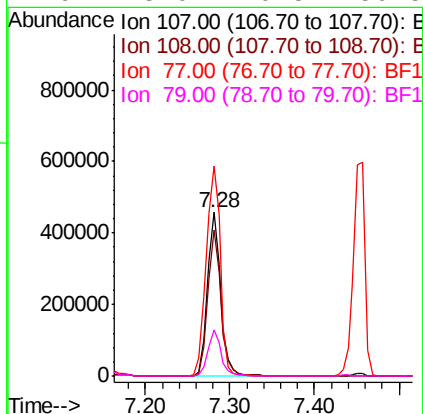
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#20
3+4-Methylphenols
Concen: 39.533 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	72.9	112.9	
77	128.3	77.6	117.6#	
79	28.0	10.5	50.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

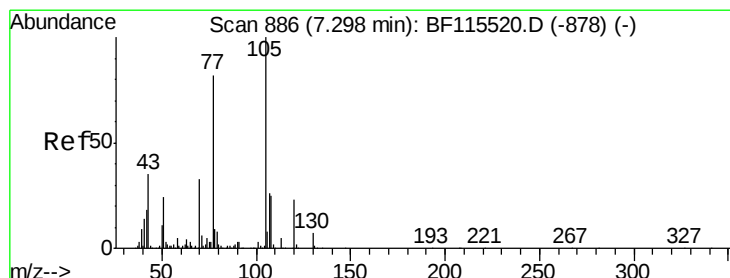
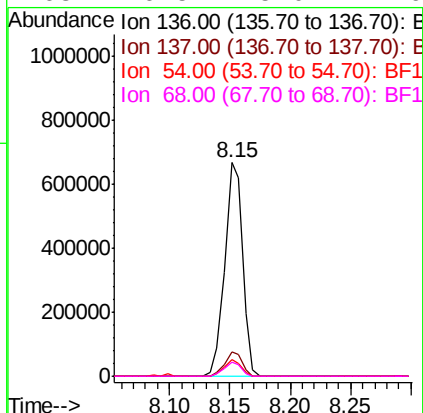
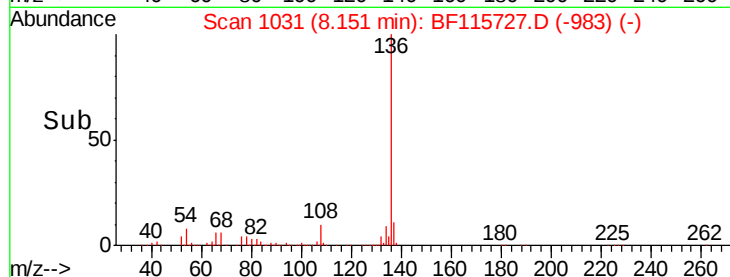
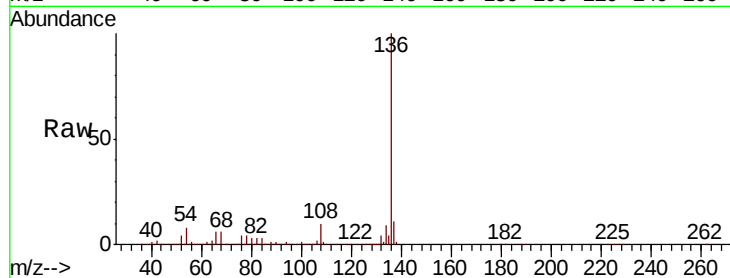
ClientSampleId :

NB-07-071919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	682912		
137	11.2		9.0	13.4
54	7.6		5.6	8.4
68	6.5		5.0	7.6

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#22

Acetophenone

Concen: 45.363 ng

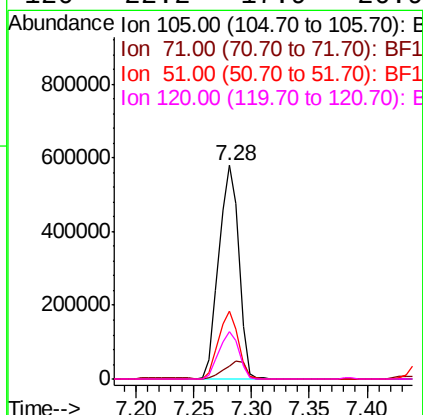
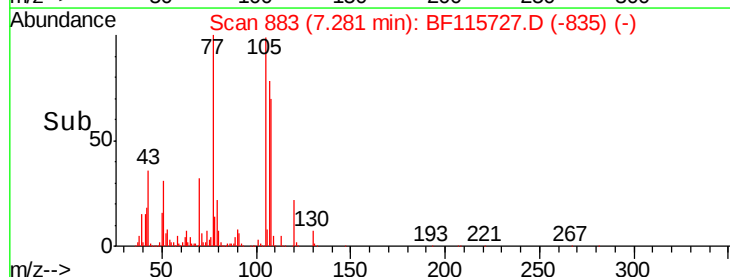
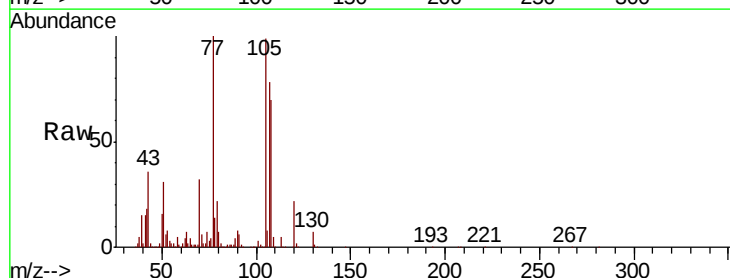
RT: 7.28 min Scan# 883

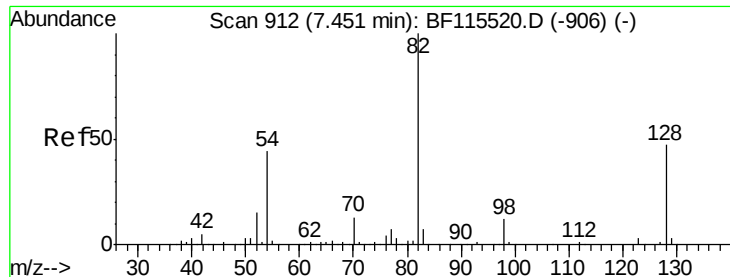
Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	699864		
71	5.8		3.5	5.3#
51	31.5		25.6	38.4
120	22.2		17.9	26.9





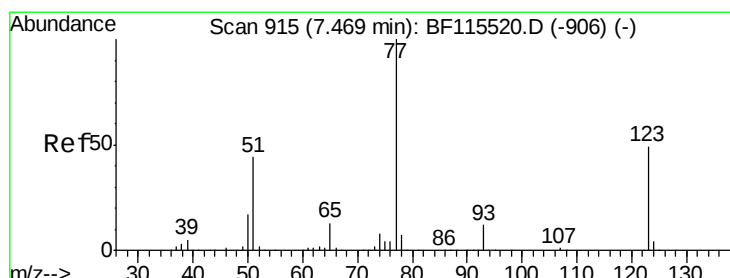
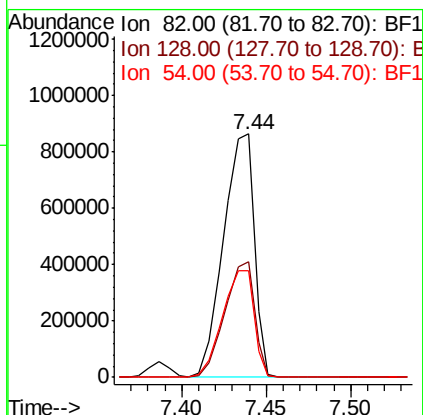
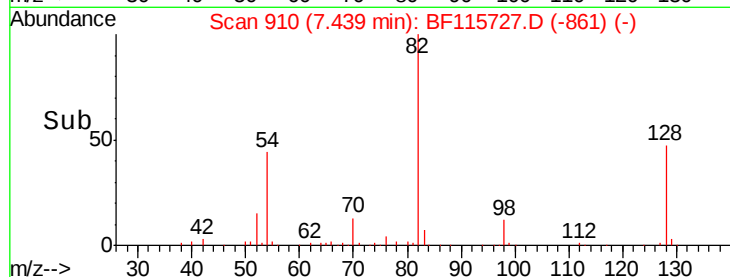
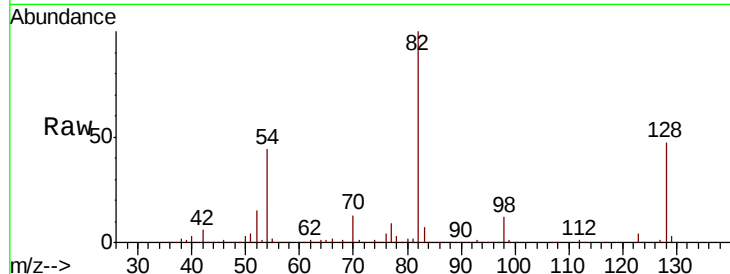
#23
 Nitrobenzene-d5
 Concen: 93.469 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

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

Tot Ion: 82 Resp: 1097766
 Ion Ratio Lower Upper
 82 100
 128 47.3 38.6 57.8
 54 43.9 35.6 53.4

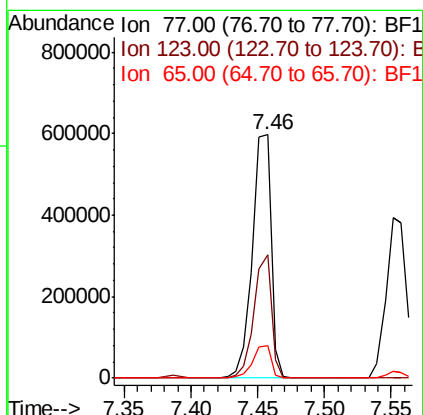
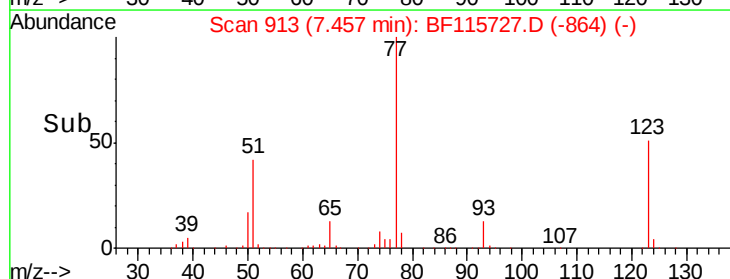
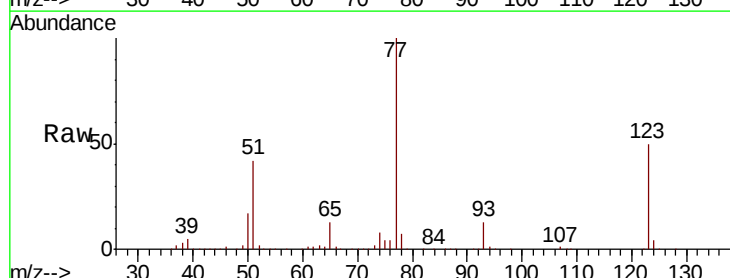
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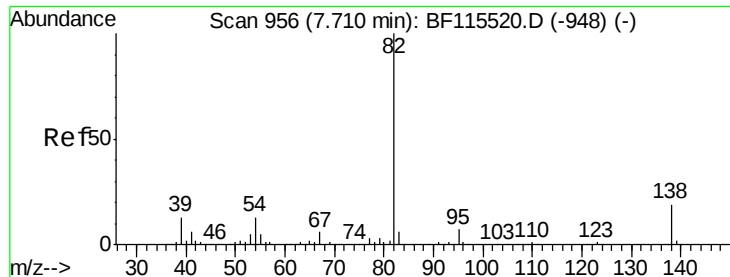
mohammad
 7/24/2019 11:35:00 AM



#24
 Nitrobenzene
 Concen: 45.215 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion: 77 Resp: 572767
 Ion Ratio Lower Upper
 77 100
 123 50.5 40.0 60.0
 65 13.1 11.0 16.4





#25

Isophorone

Concen: 45.421 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

Tot Ion: 82 Resp: 1067458

Ion Ratio Lower Upper

82 100

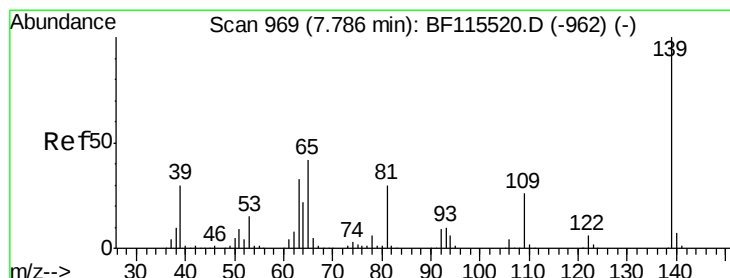
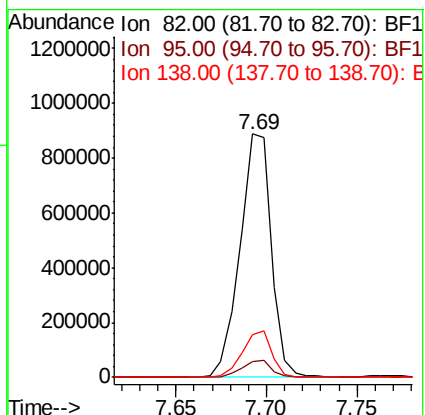
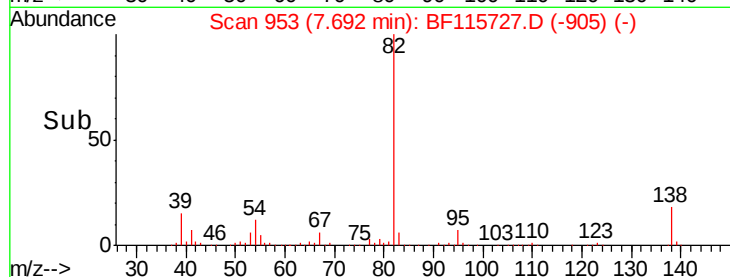
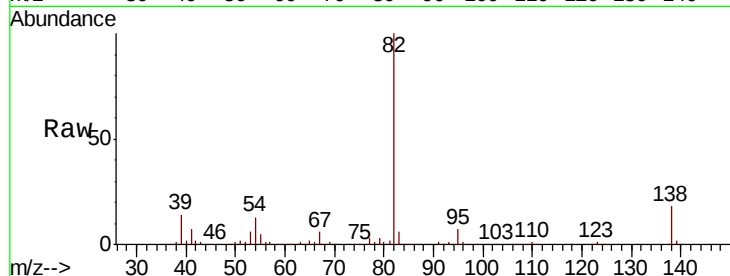
95 6.6 5.5 8.3

138 17.6 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.448 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

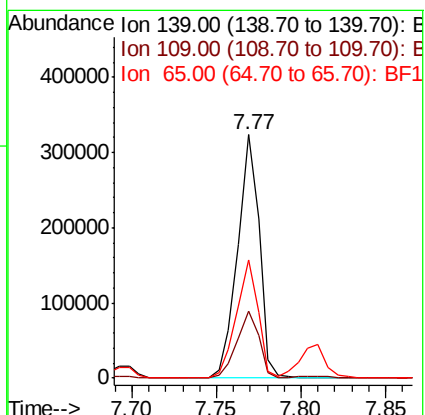
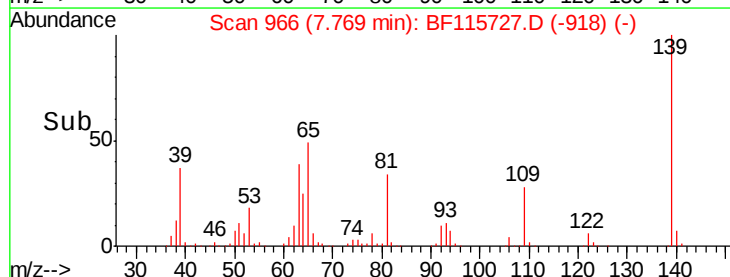
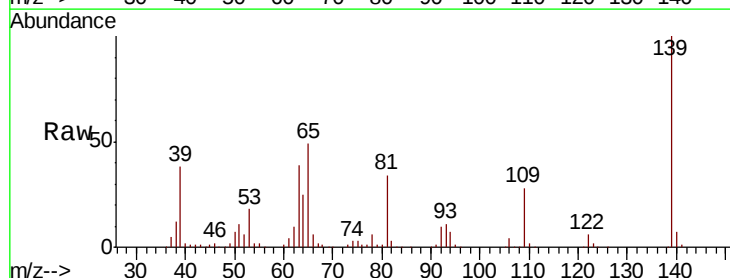
Tgt Ion: 139 Resp: 289813

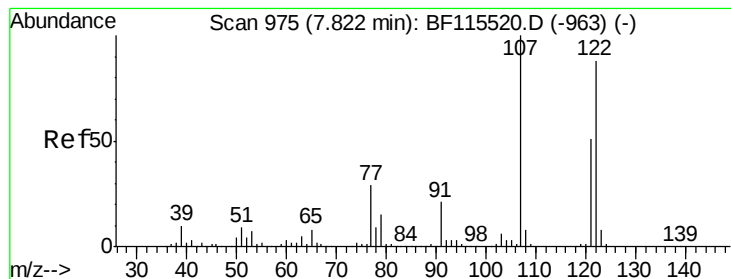
Ion Ratio Lower Upper

139 100

109 27.7 23.3 34.9

65 48.7 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 48.732 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

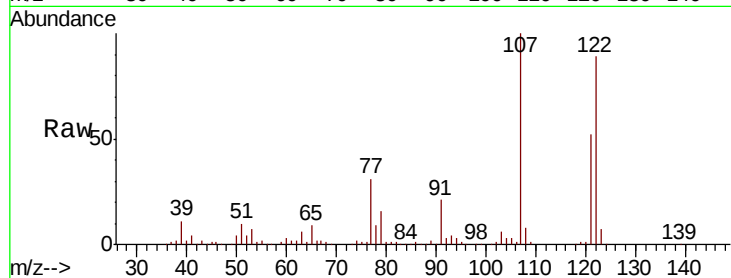
ClientSampleId :

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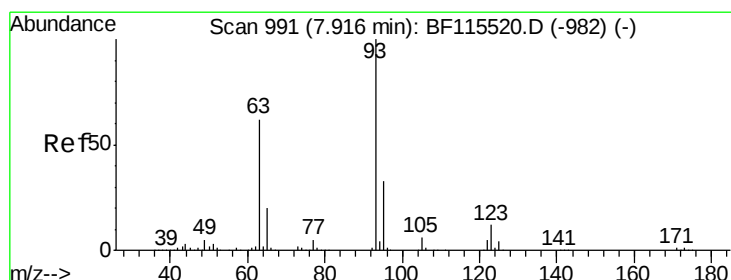
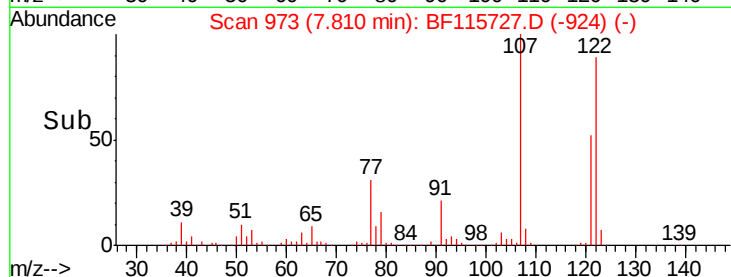
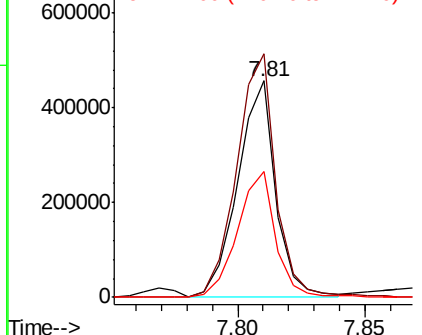
Tot Ion:	122	Resp:	475422
Ion Ratio	Lower	Upper	
122	100		
107	112.6	92.9	139.3
121	58.3	46.9	70.3

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.676 ng

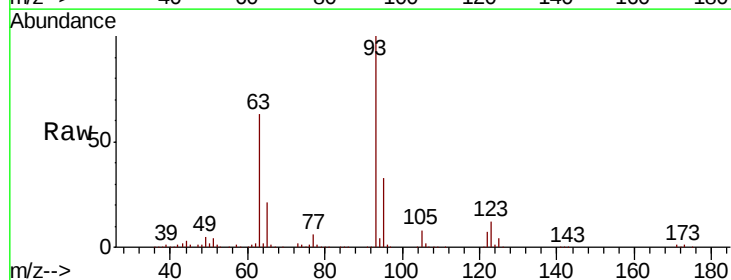
RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

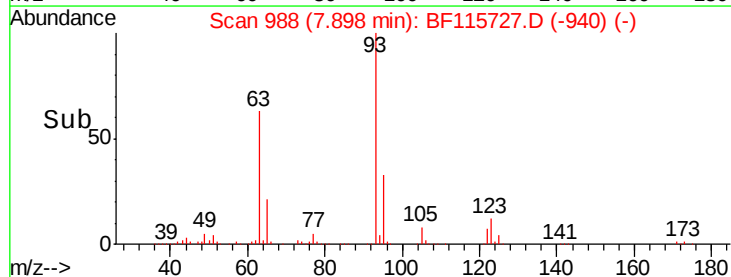
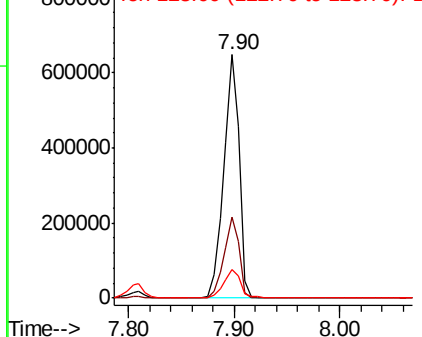
Lab File: BF115727.D

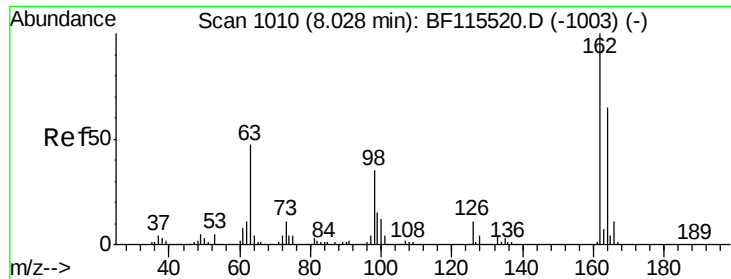
Acq: 23 Jul 2019 19:03

Tgt Ion:	93	Resp:	658532
Ion Ratio	Lower	Upper	
93	100		
95	33.1	27.0	40.4
123	11.6	9.9	14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





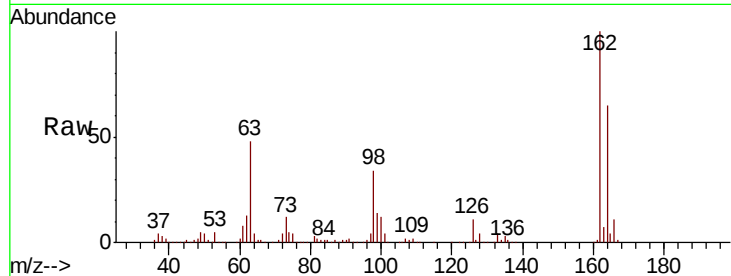
#29
2,4-Dichlorophenol
Concen: 45.779 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

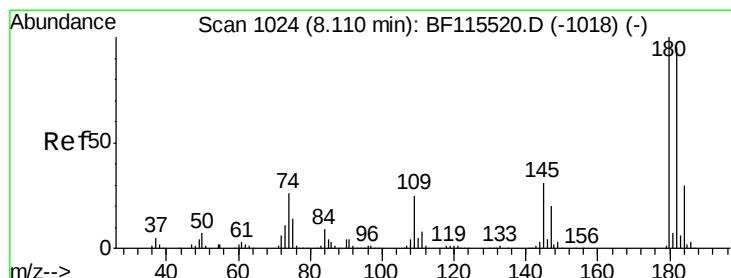
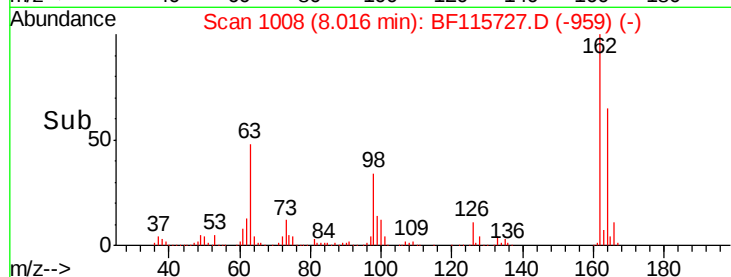
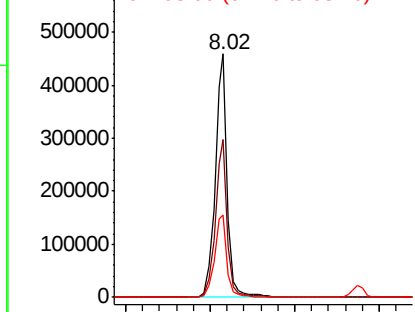
Tot Ion	Ratio	Resp	Lower	Upper
162	100	464473		
164	64.7		44.9	84.9
98	33.6		17.7	57.7

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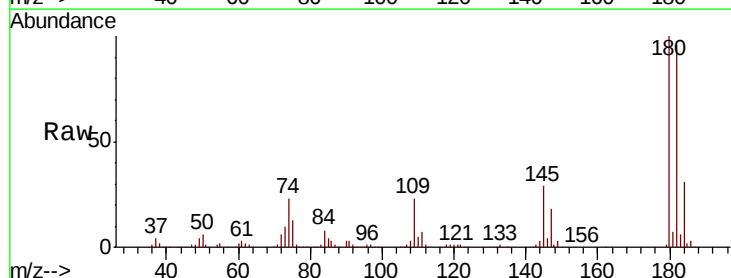


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

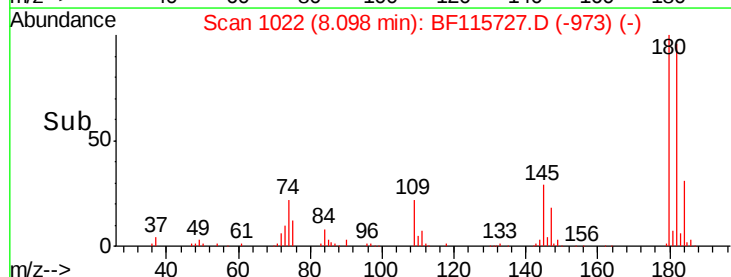
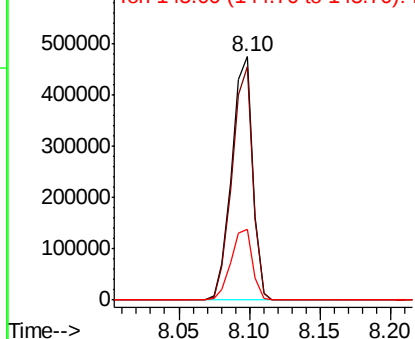


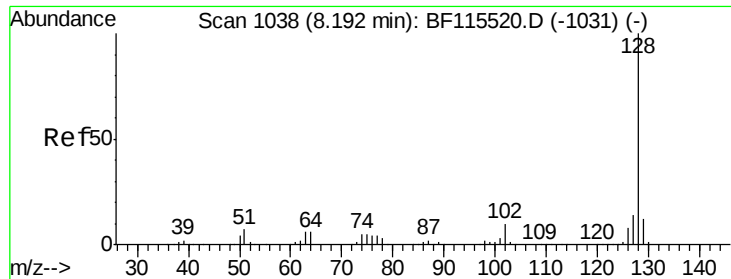
#30
1,2,4-Trichlorobenzene
Concen: 42.917 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	492212		
182	95.6		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





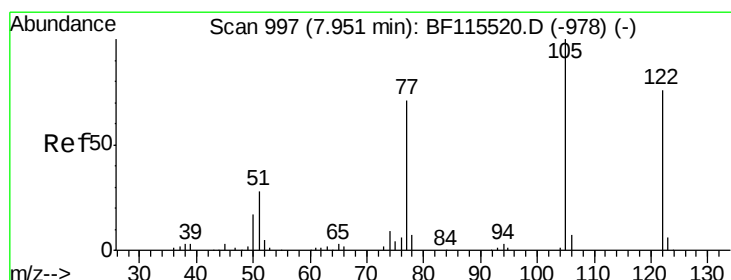
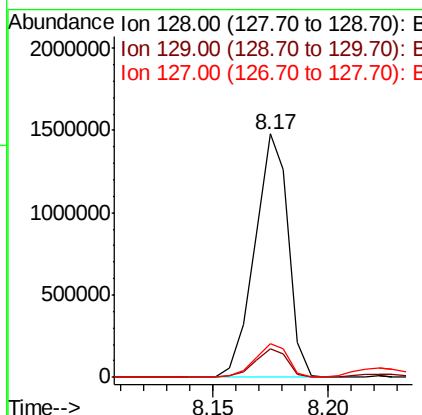
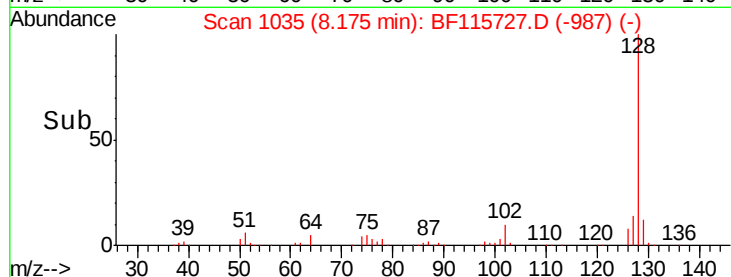
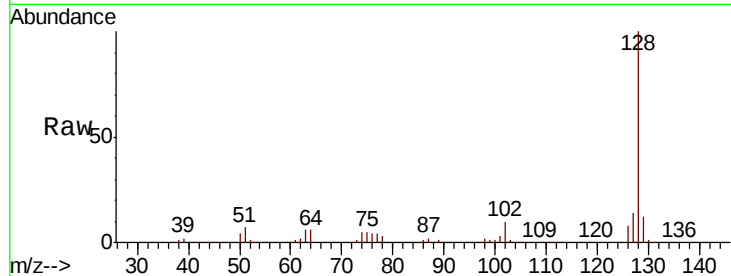
#31
Naphthalene
Concen: 45.054 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion:128 Resp: 1490104
Ion Ratio Lower Upper
128 100
129 11.5 9.9 14.9
127 13.7 12.1 18.1

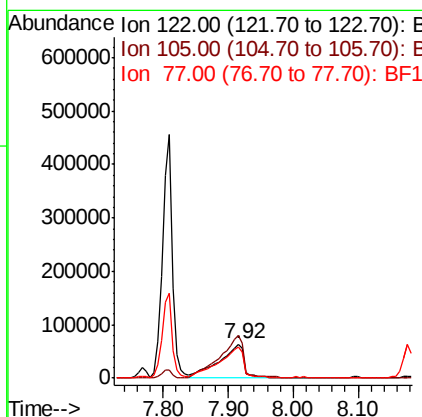
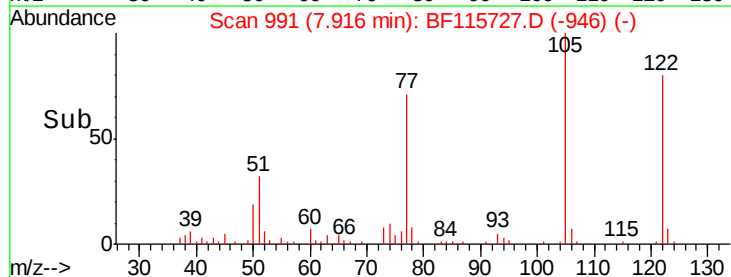
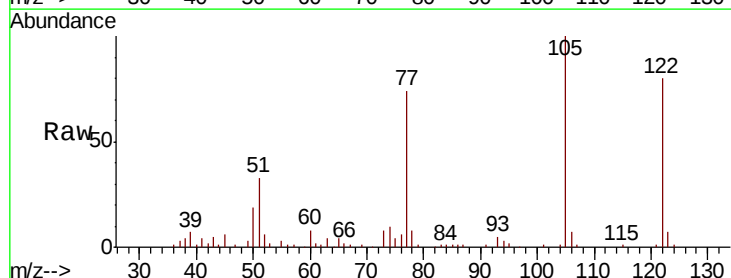
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#32
Benzoic acid
Concen: 21.551 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.04 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion:122 Resp: 172545
Ion Ratio Lower Upper
122 100
105 125.1 102.5 142.5
77 92.7 70.2 110.2





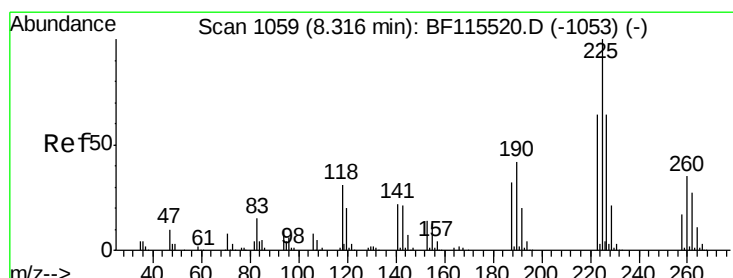
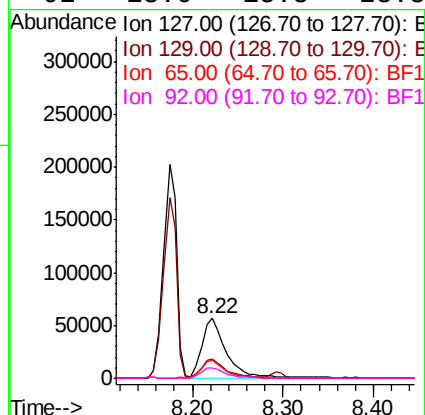
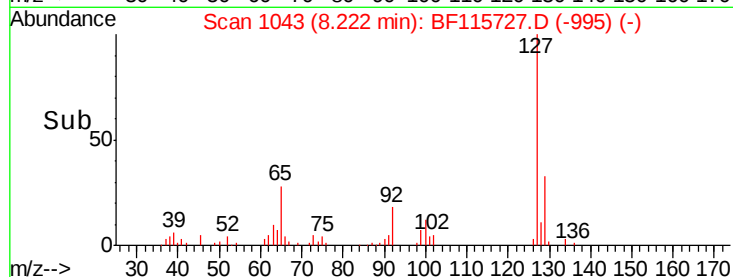
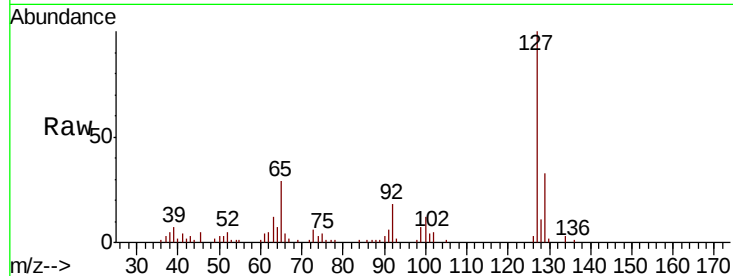
#33
4-Chloroaniline
Concen: 7.187 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.6	39.8		
65	29.0	23.7	35.5		
92	18.0	15.8	23.8		

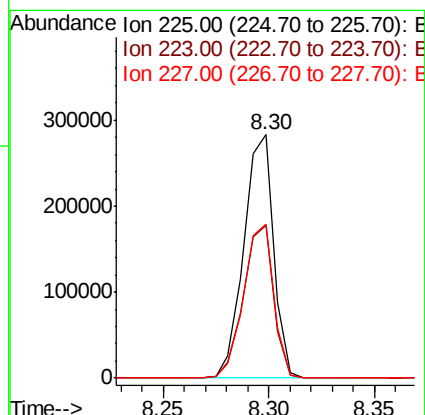
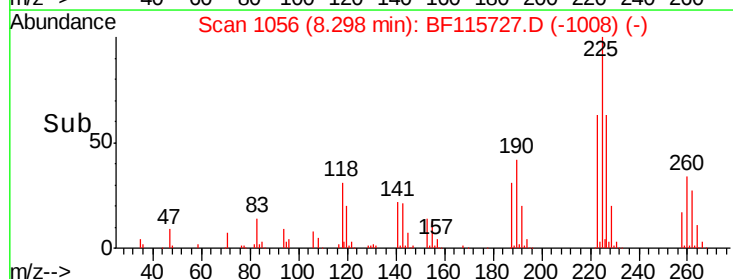
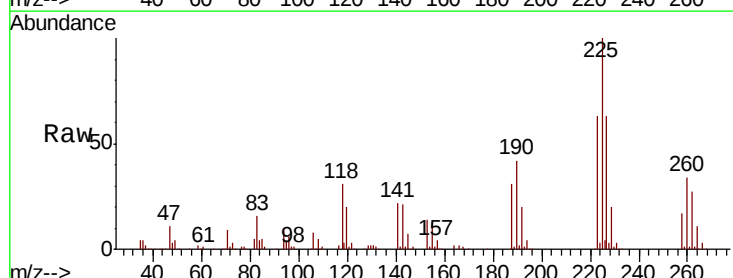
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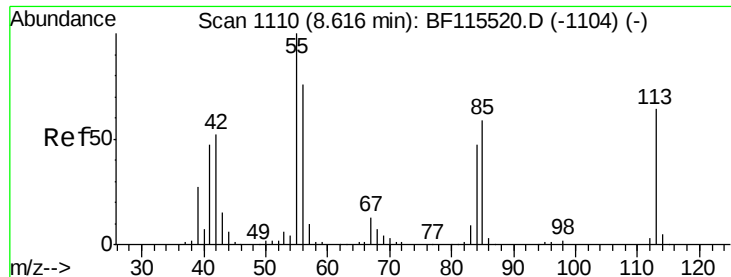
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#34
Hexachlorobutadiene
Concen: 41.973 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	50.9	76.3		
227	63.4	50.7	76.1		





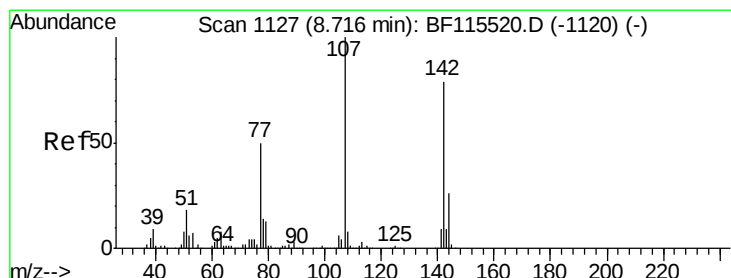
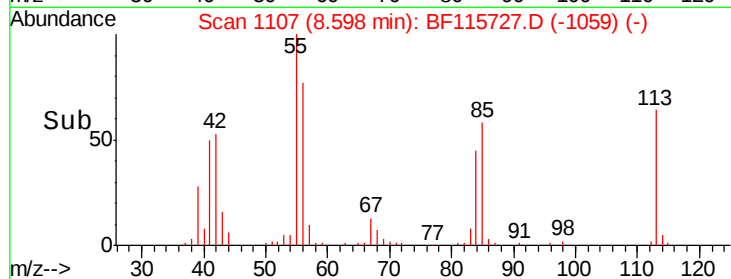
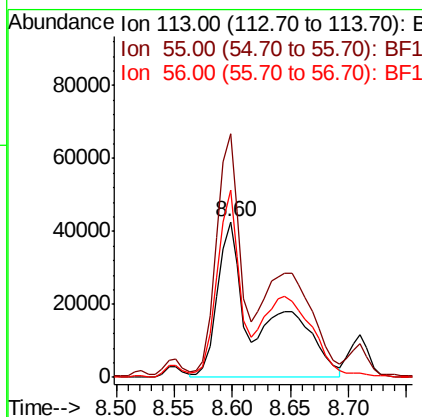
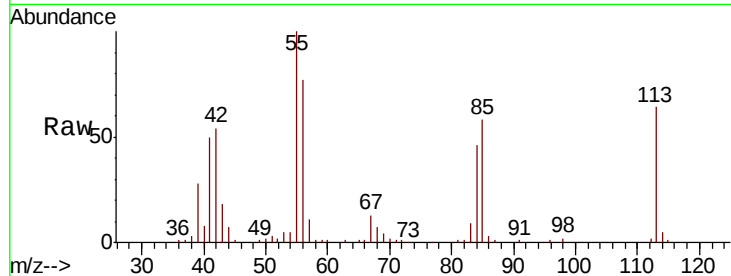
#35
 Caprolactam
 Concen: 36.393 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	156.2	126.9	166.9
56	119.8	90.3	130.3

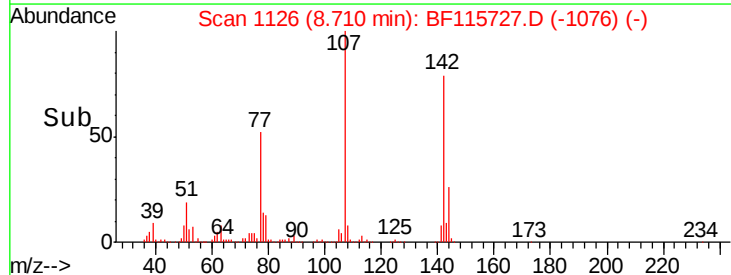
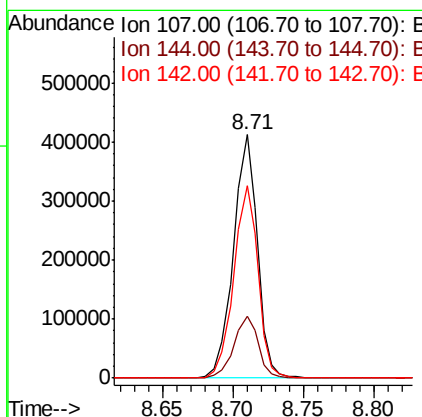
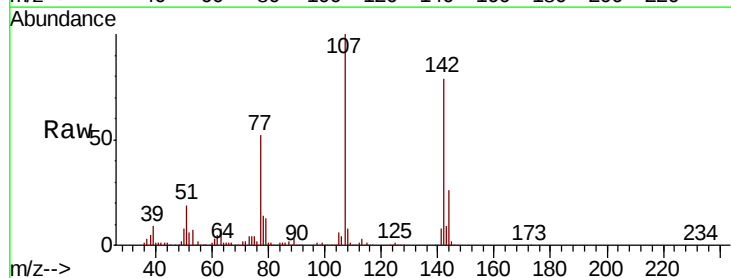
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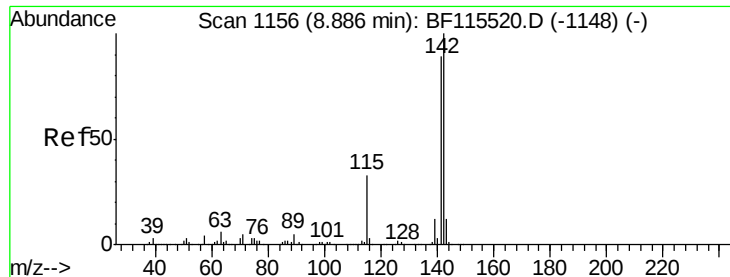
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#36
 4-Chloro-3-methylphenol
 Concen: 46.469 ng/ml
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.6	30.8
142	78.9	63.1	94.7





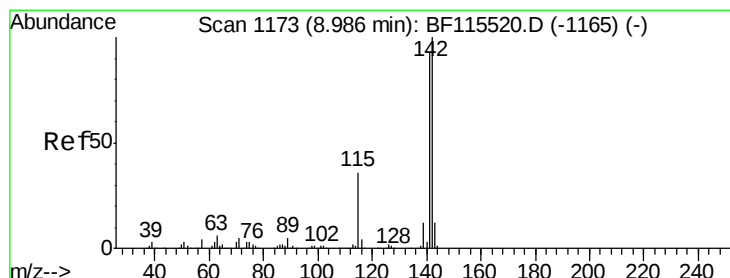
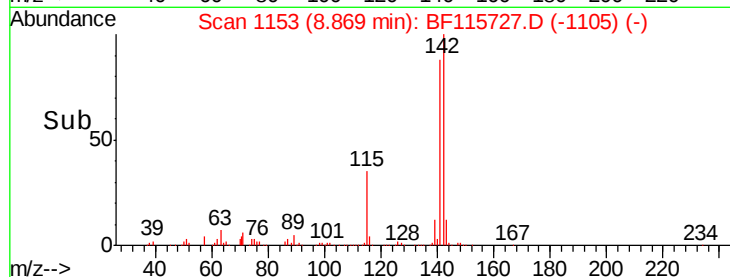
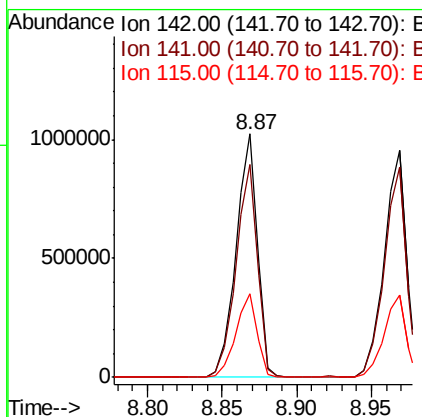
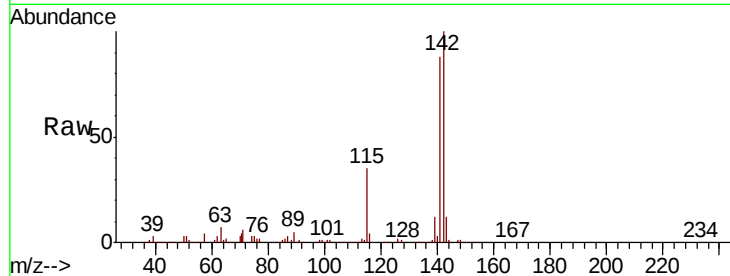
#37
2-Methylnaphthalene
Concen: 46.767 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	72.0	108.0
115	34.6	29.9	44.9

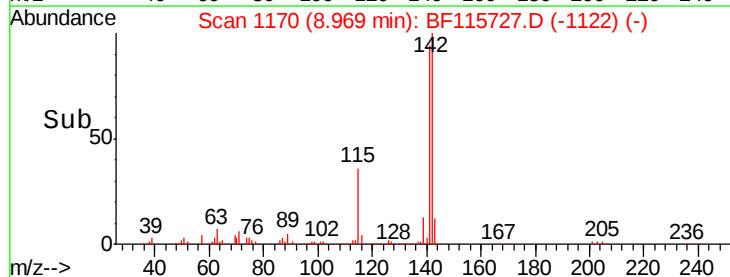
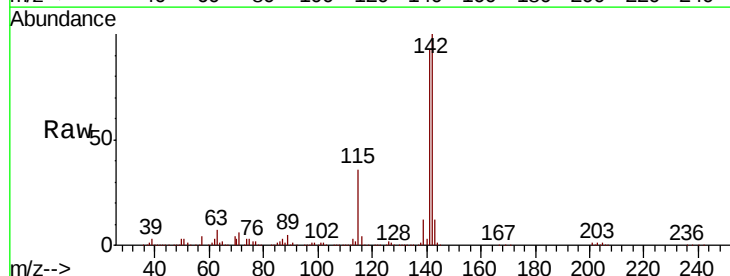
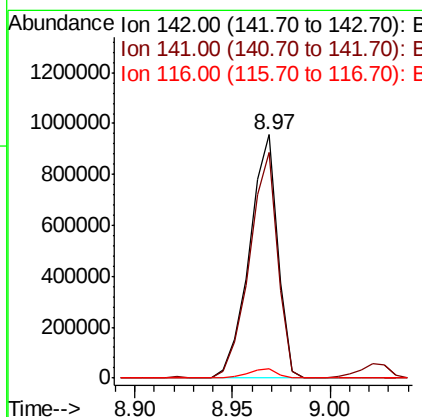
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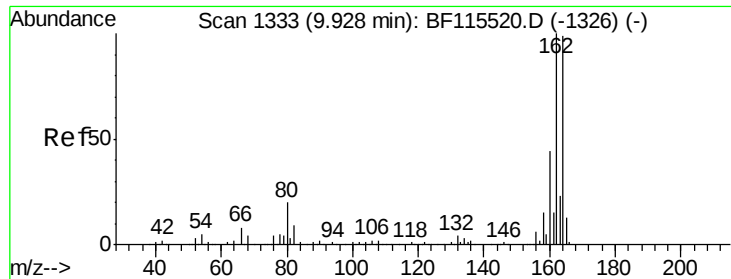
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#38
1-Methylnaphthalene
Concen: 46.044 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.3	112.9
116	3.7	3.3	4.9





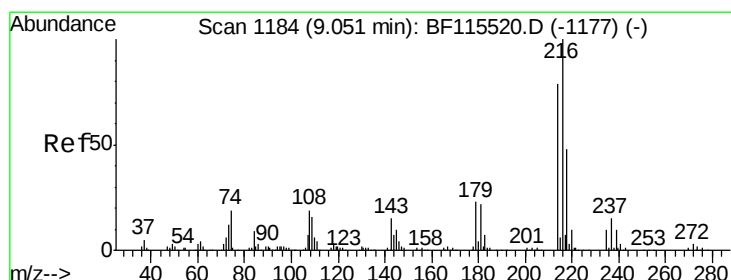
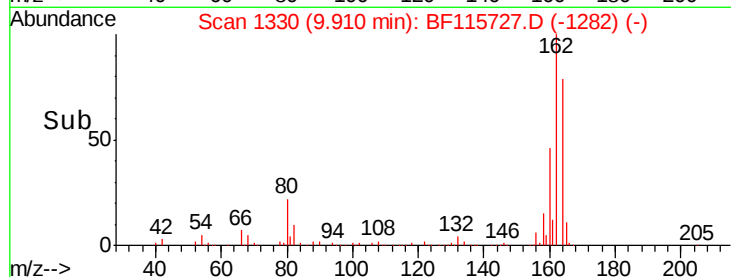
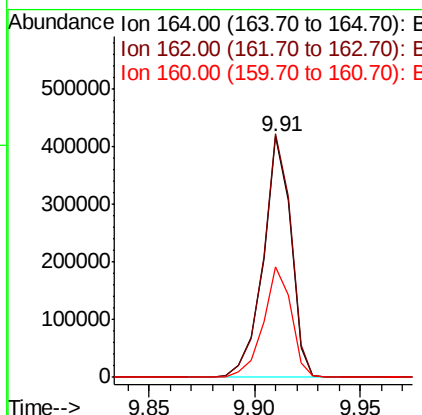
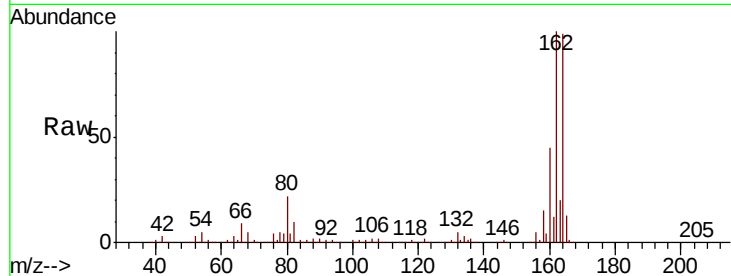
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	82.9	124.3	
160	45.7	36.8	55.2	

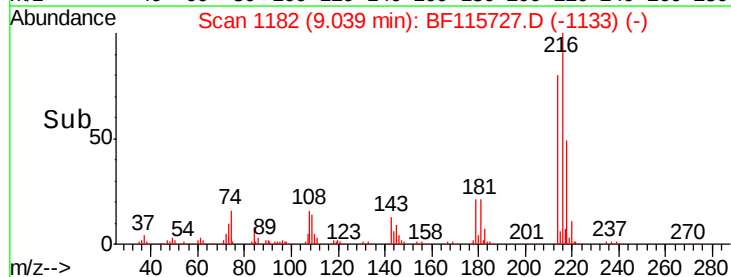
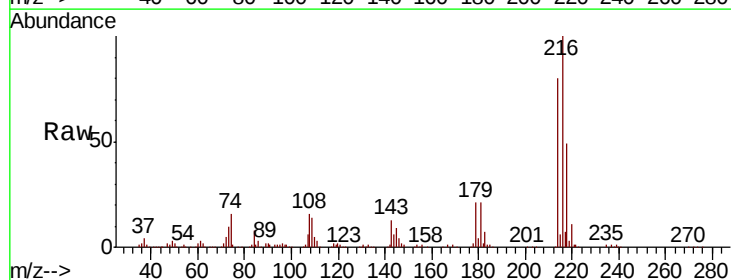
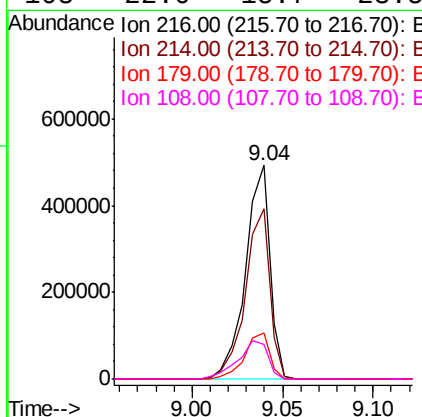
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.337 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	65.1	97.7	
179	21.9	18.3	27.5	
108	22.0	15.7	23.5	





#41

Hexachlorocyclopentadiene

Concen: 75.431 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

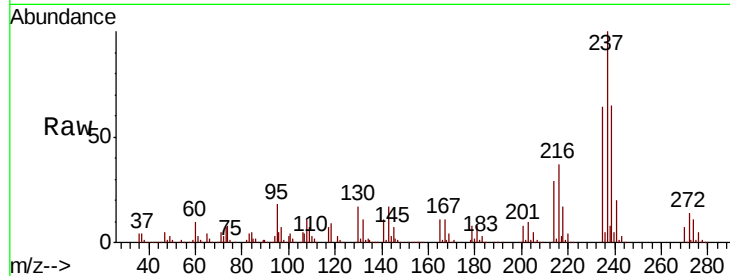
ClientSampleId :

NB-07-071919-AMS

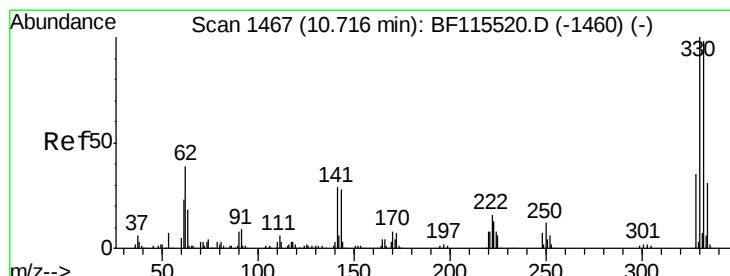
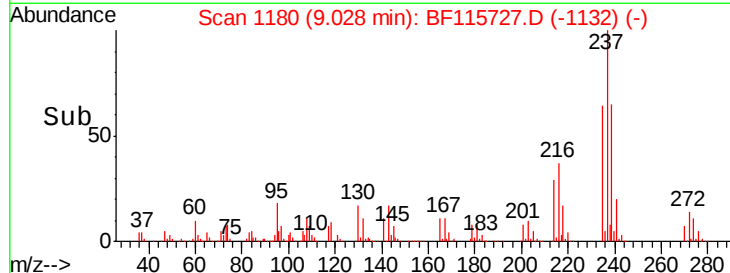
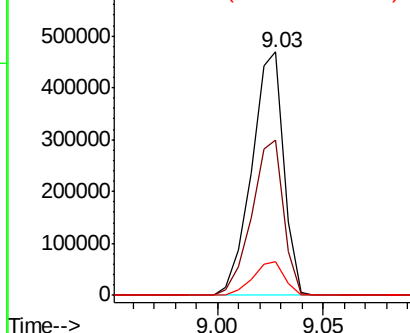
Tot Ion:	237	Resp:	493578
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.6	83.6
272	13.9	0.0	33.9

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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: 117.752 ng

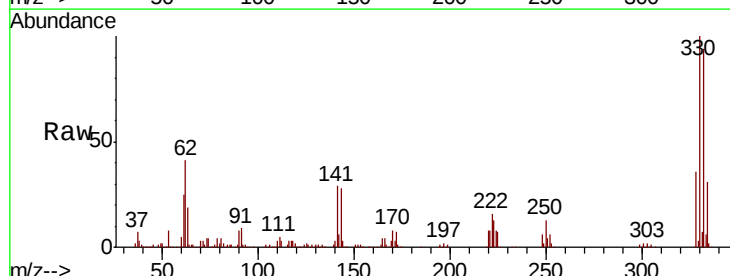
RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

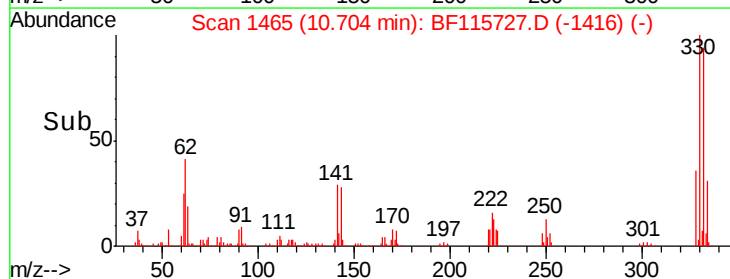
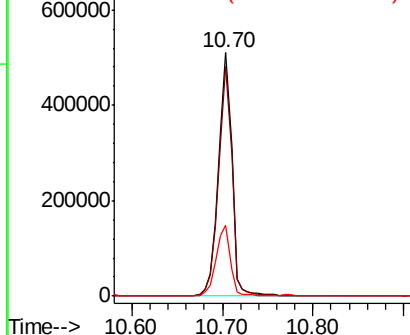
Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Tgt Ion:	330	Resp:	523558
Ion Ratio	Lower	Upper	
330	100		
332	94.5	77.4	116.2
141	30.9	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





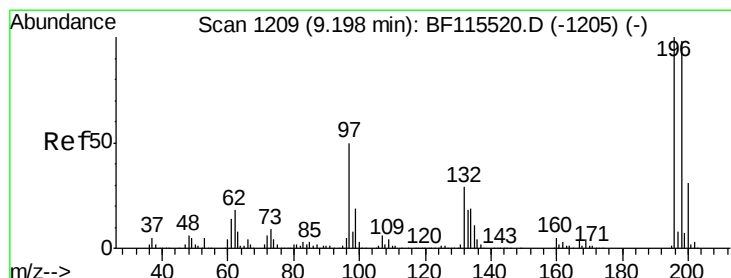
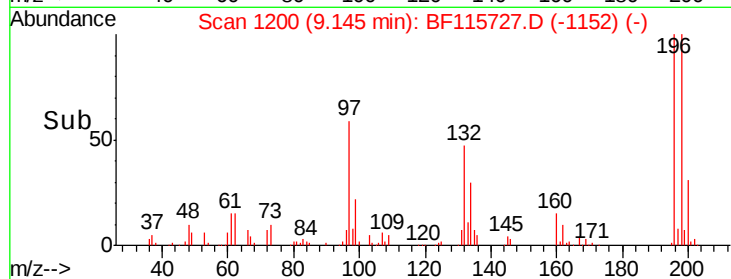
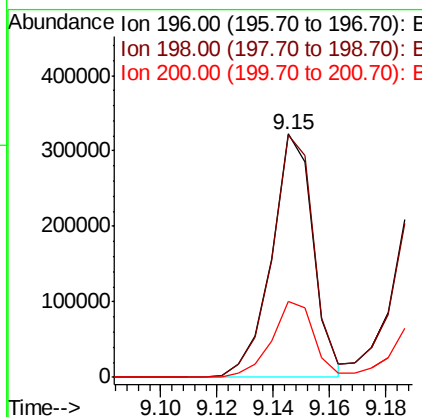
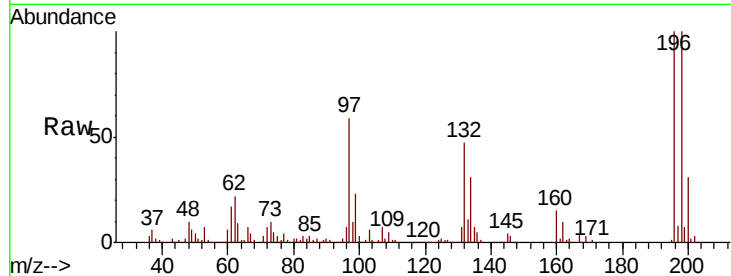
#43
 2,4,6-Trichlorophenol
 Concen: 39.231 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	329088		
198	99.6	80.6	121.0	
200	31.3	25.8	38.6	

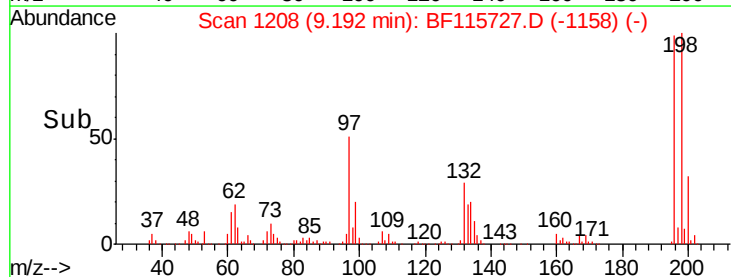
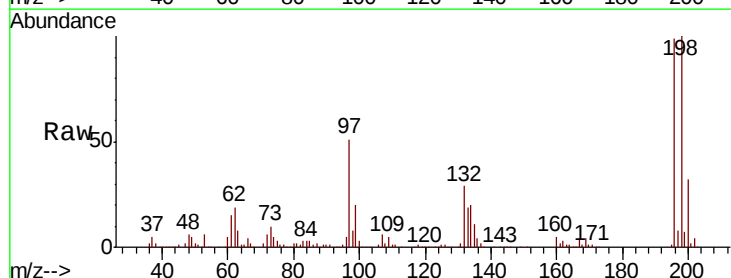
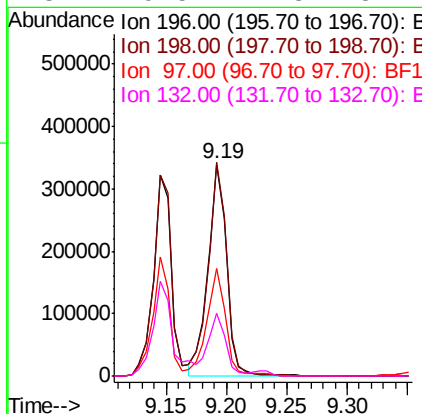
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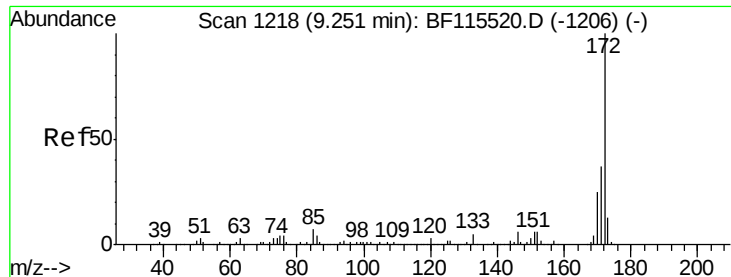
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#44
 2,4,5-Trichlorophenol
 Concen: 41.916 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	360088		
198	100.9	79.6	119.4	
97	51.0	37.8	56.6	
132	29.5	22.8	34.2	





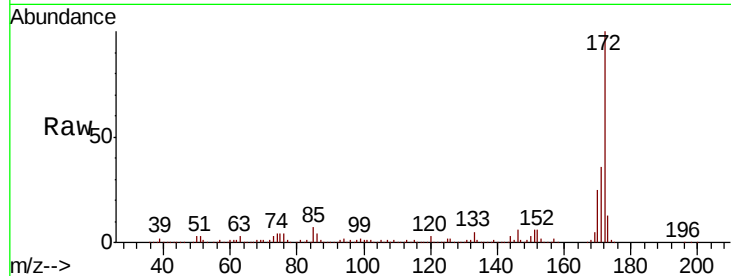
#45
2-Fluorobiphenyl
Concen: 89.314 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	46.0
170	25.0	20.5	30.7

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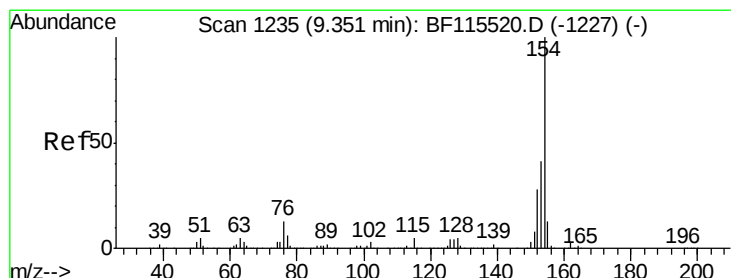
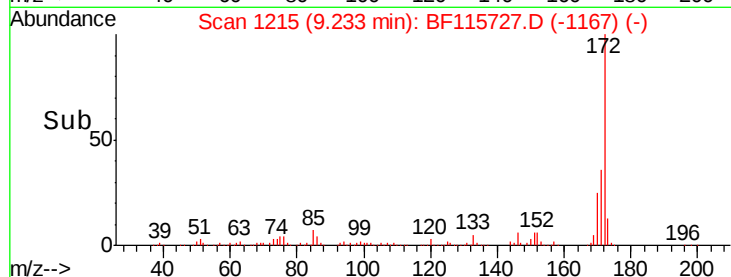
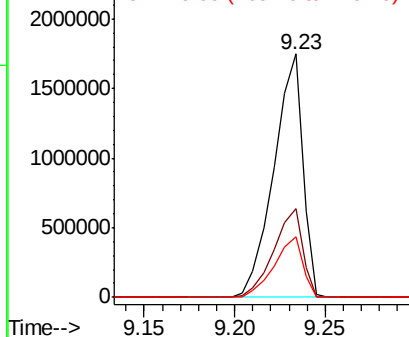


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.477 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

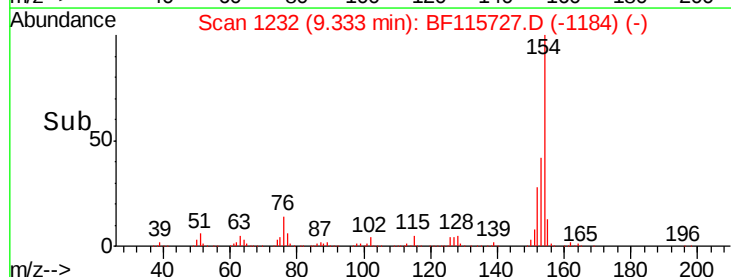
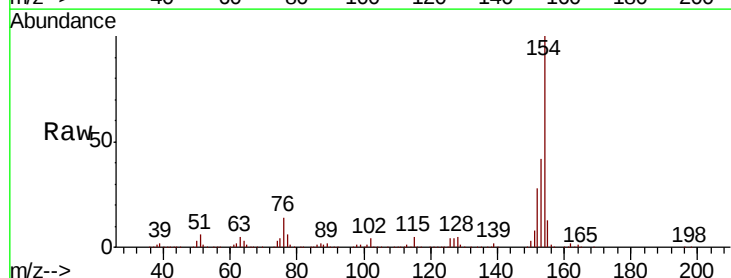
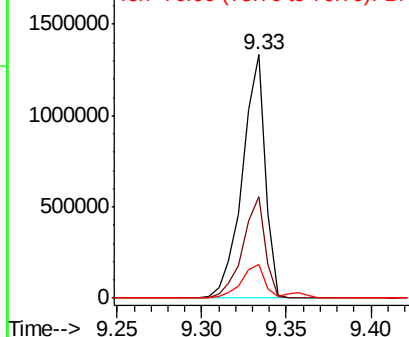
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.6	62.6
76	13.7	0.0	33.4

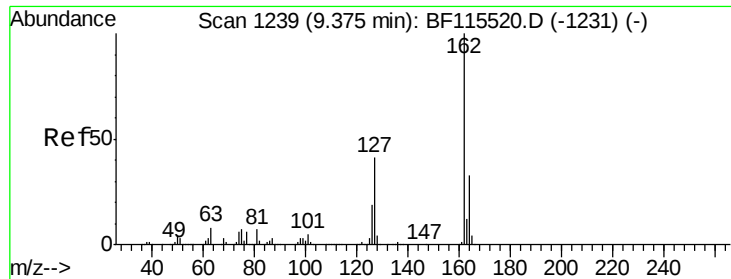
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





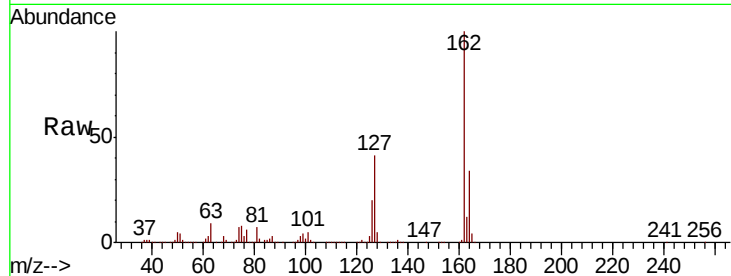
#47
2-Chloronaphthalene
Concen: 40.251 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

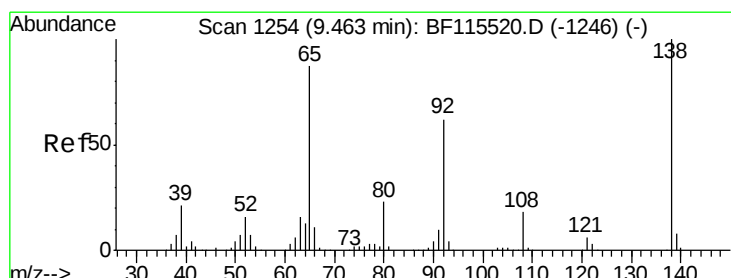
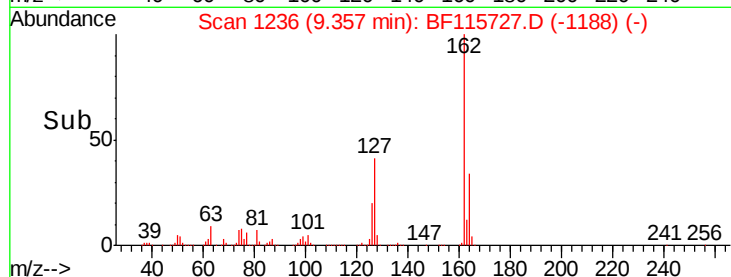
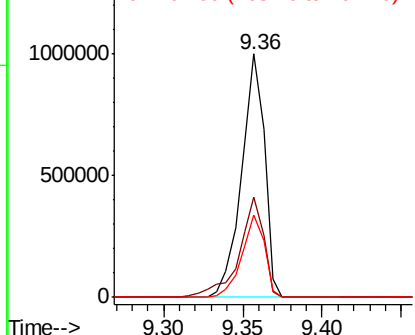
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.3	34.1	51.1	
164	33.9	27.4	41.2	

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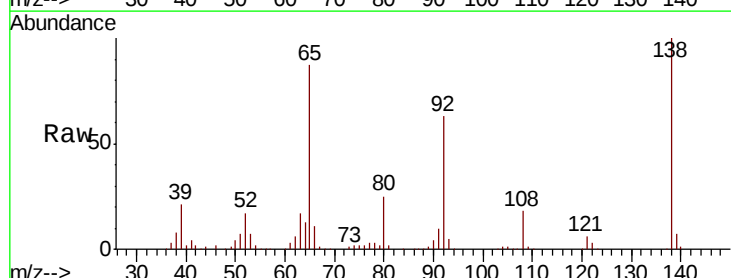


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

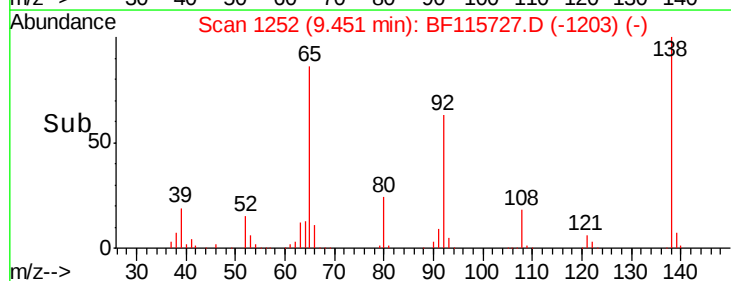
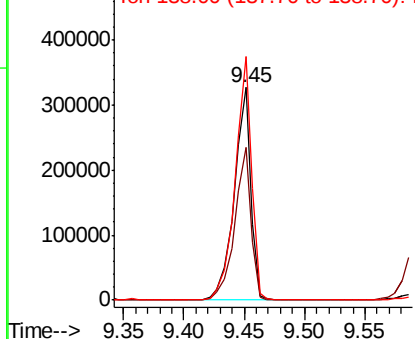


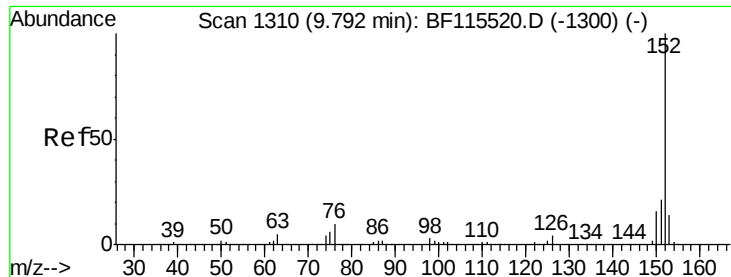
#48
2-Nitroaniline
Concen: 40.909 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.9	57.8	86.6	
138	114.6	91.2	136.8	



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.716 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

Tot Ion:152 Resp: 1532735

Ion Ratio Lower Upper

152 100

151 21.5 17.7 26.5

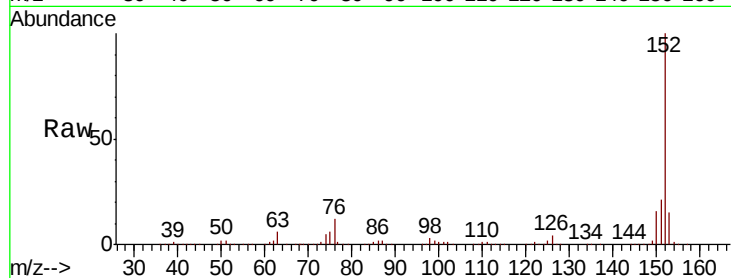
153 14.6 12.0 18.0

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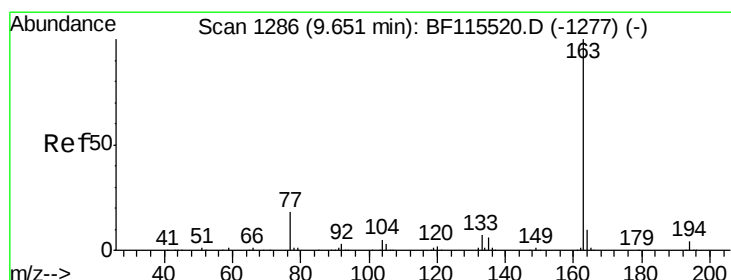
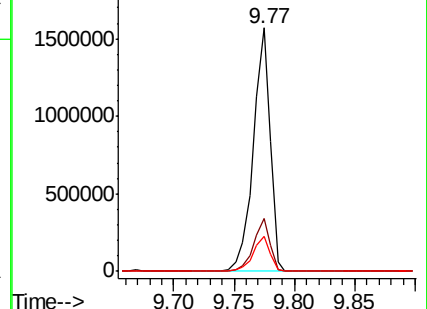
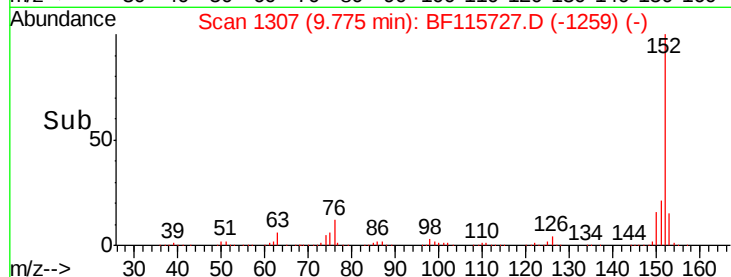
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.247 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

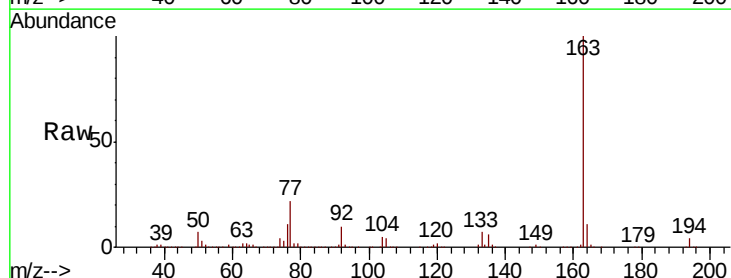
Tgt Ion:163 Resp: 1325416

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

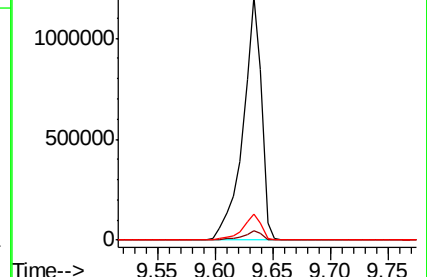
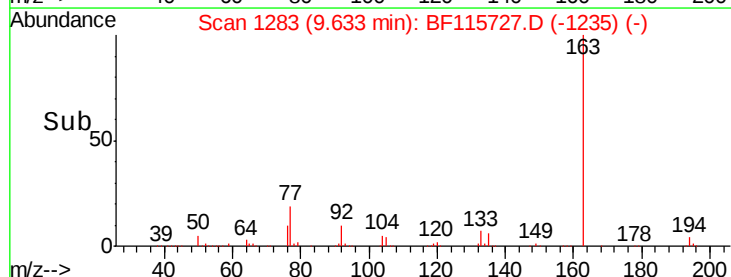
164 10.5 8.7 13.1

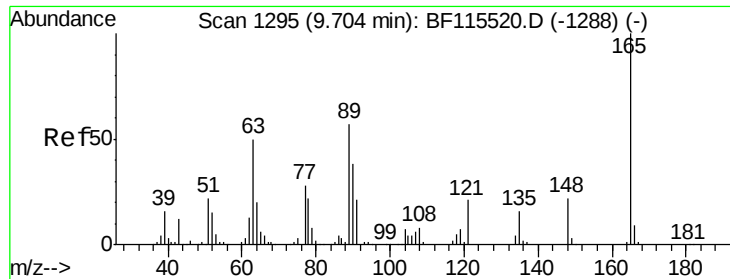


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.527 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

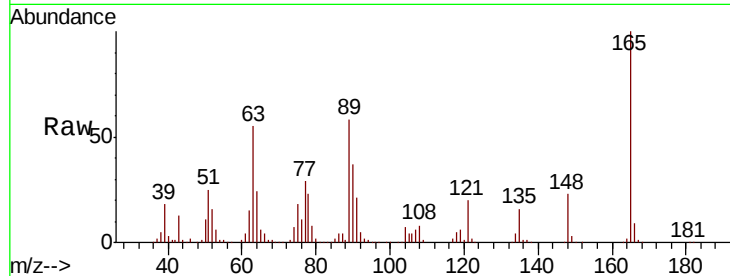
ClientSampleId :

NB-07-071919-AMS

Tot Ion:	165	Resp:	276981
Ion Ratio	Lower	Upper	
165	100		
63	55.0	40.6	61.0
89	58.3	43.9	65.9

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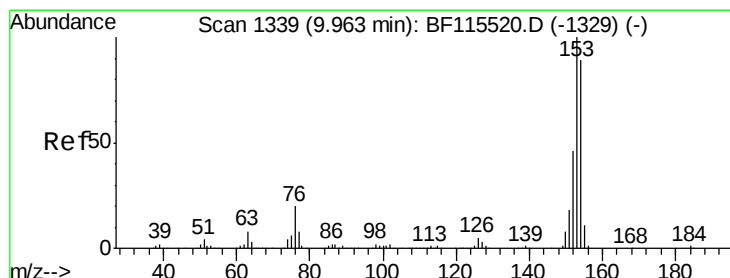
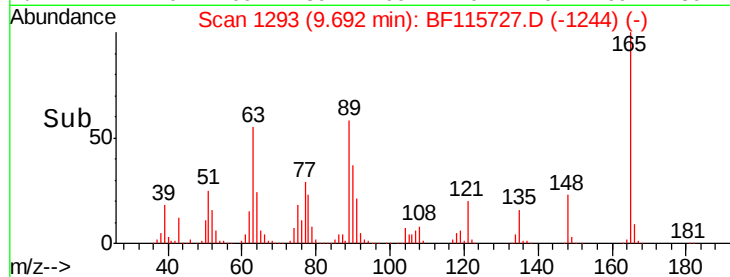
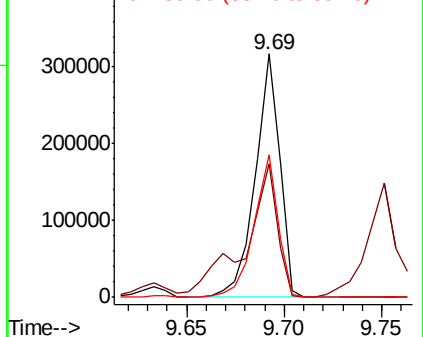
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.811 ng

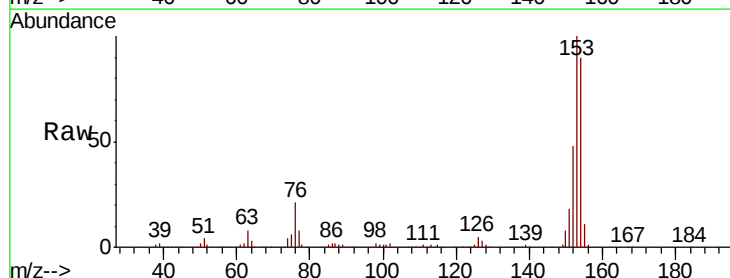
RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

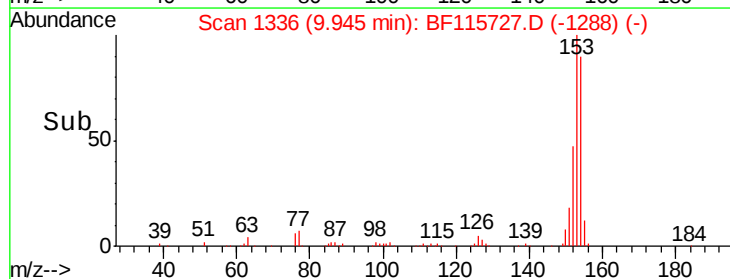
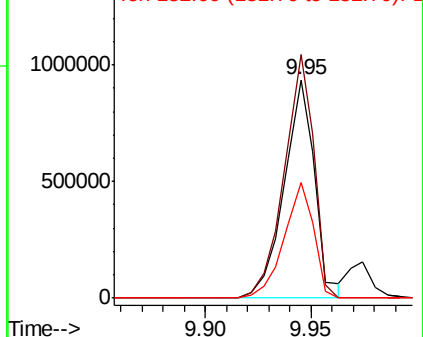
Tgt Ion:	154	Resp:	944359
Ion Ratio	Lower	Upper	
154	100		
153	111.6	88.6	133.0
152	53.2	42.3	63.5

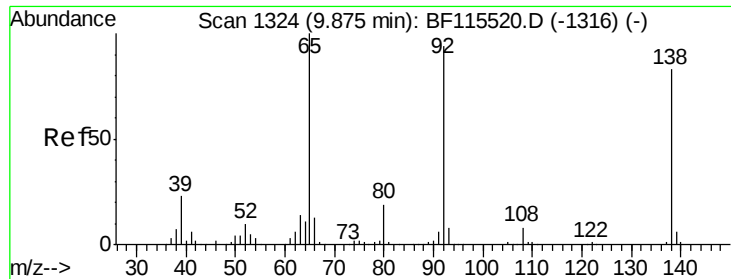


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





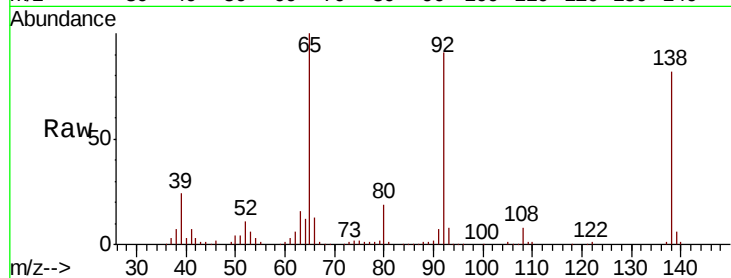
#53
3-Nitroaniline
Concen: 15.671 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

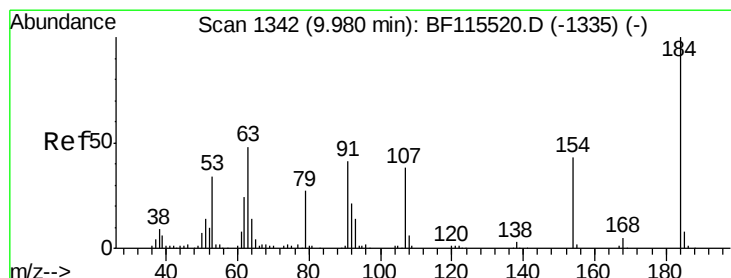
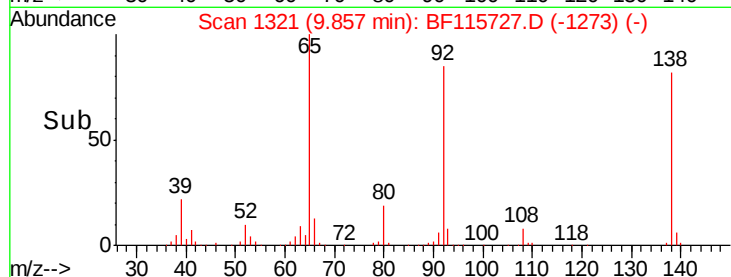
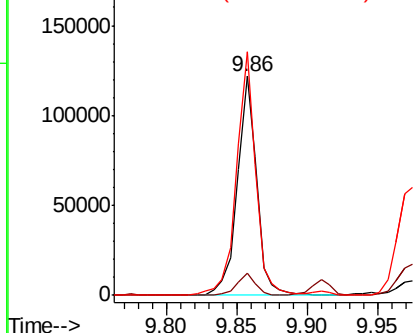
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.4	12.6
92	111.2	88.0	132.0

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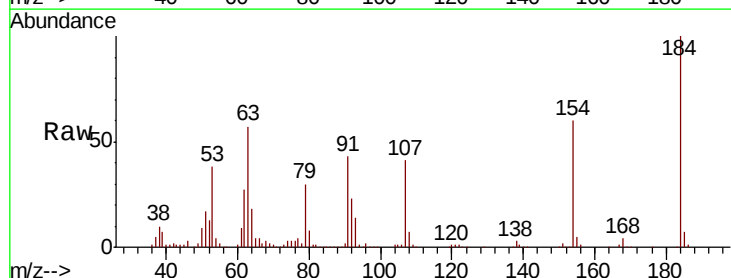


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

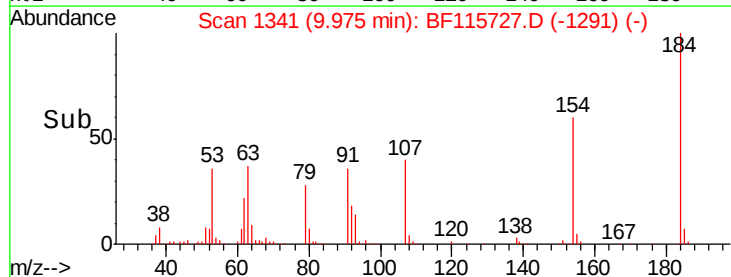
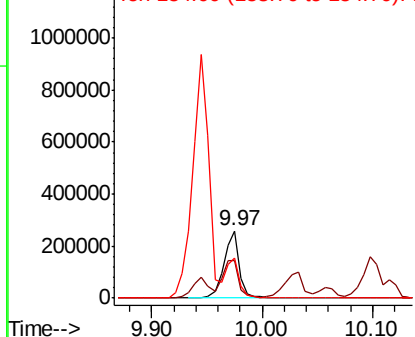


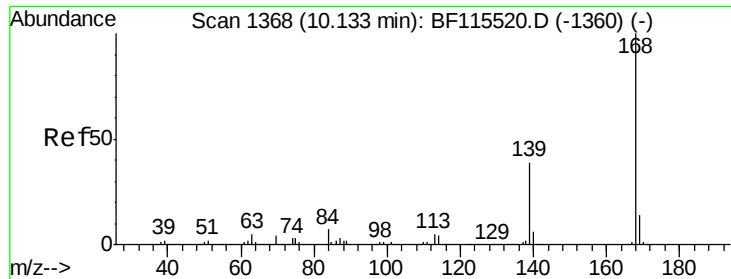
#54
2,4-Dinitrophenol
Concen: 75.883 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.5	48.7	73.1
154	60.4	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





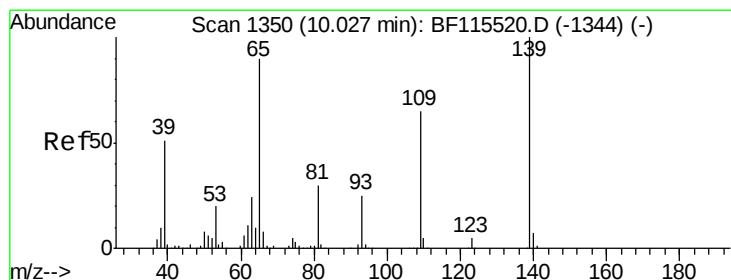
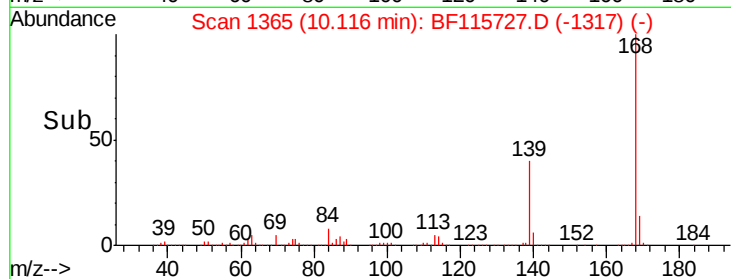
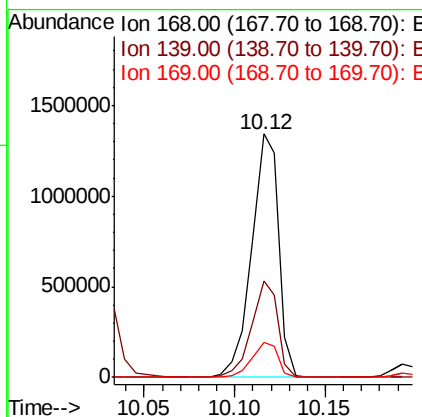
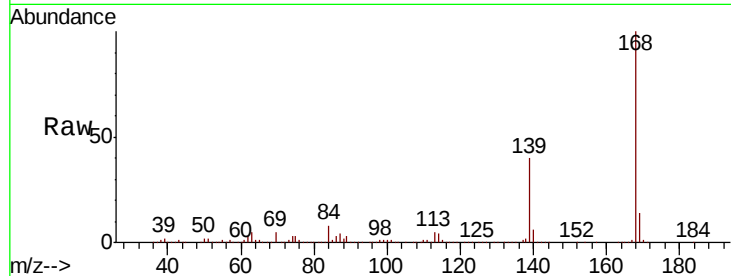
#55
Dibenzenofuran
Concen: 41.119 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.1	46.7
169	14.3	11.1	16.7

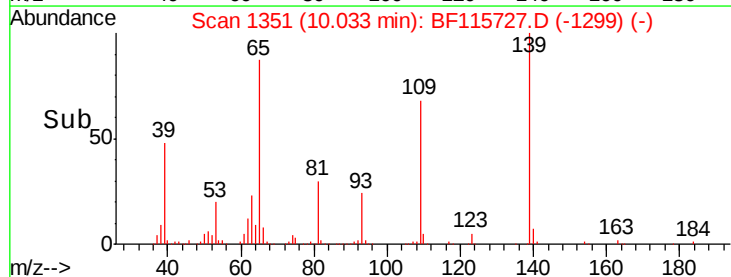
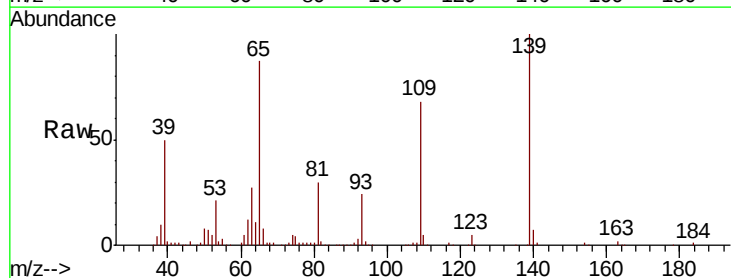
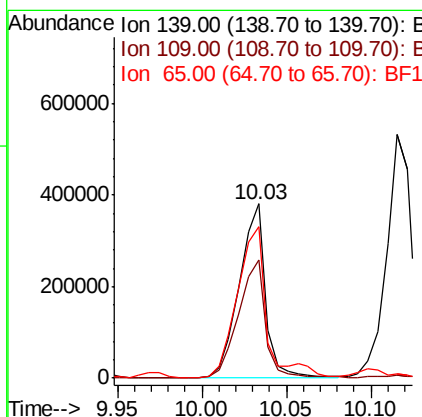
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#56
4-Nitrophenol
Concen: 73.218 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.9	46.4	86.4
65	87.0	68.9	108.9





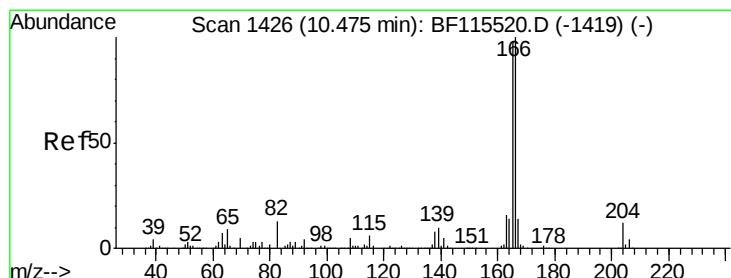
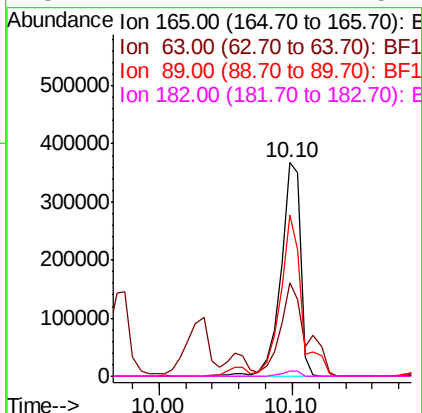
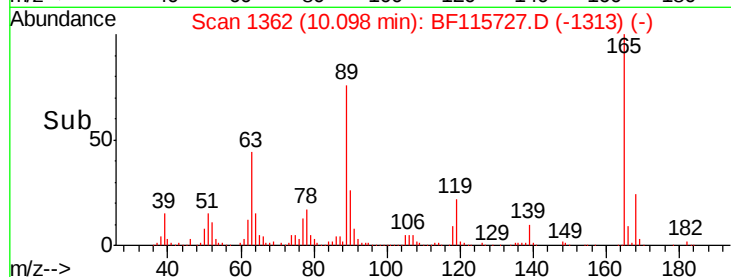
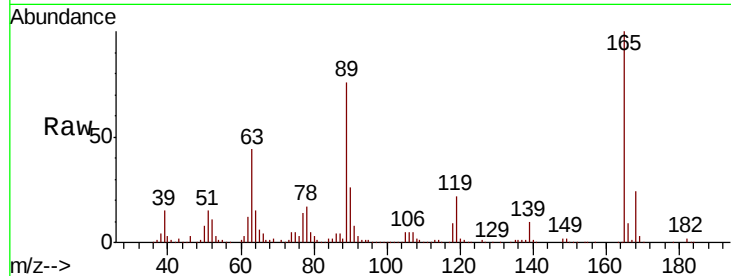
#57
2,4-Dinitrotoluene
Concen: 45.131 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.9	34.9	52.3	
89	75.6	57.5	86.3	
182	2.4	2.2	3.4	

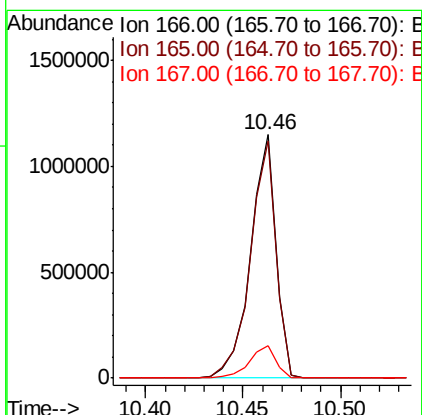
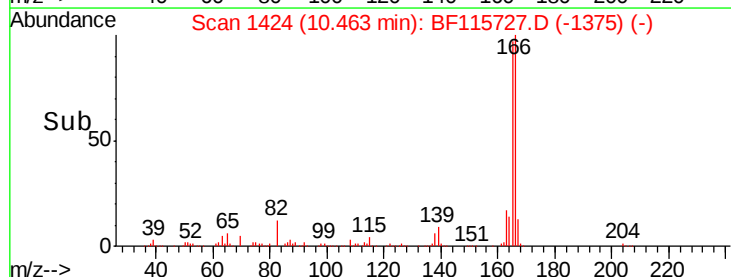
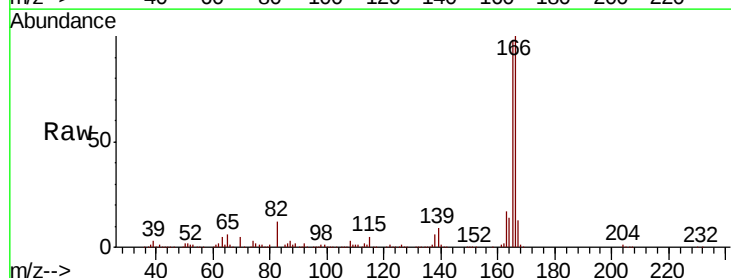
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#58
Fluorene
Concen: 43.159 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.5	79.8	119.6	
167	13.5	11.2	16.8	





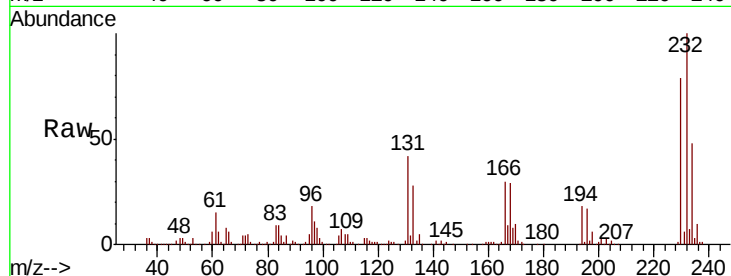
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.425 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

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

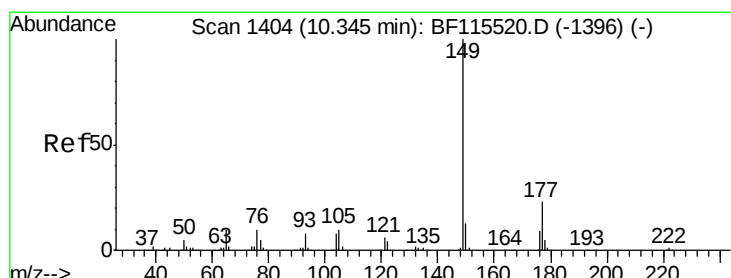
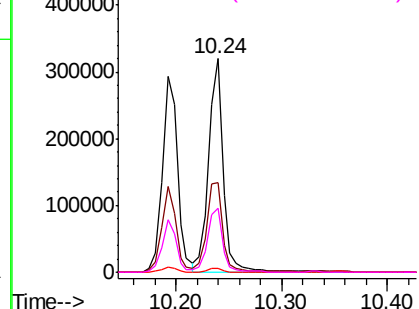
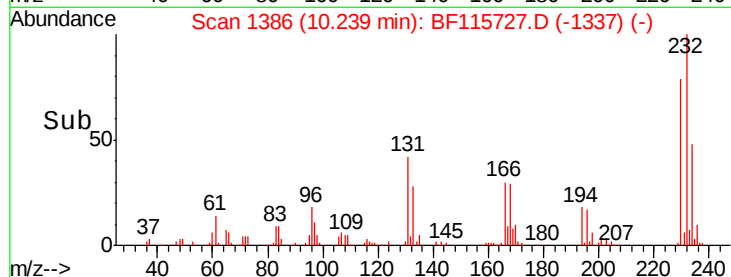
Tot Ion:	232	Resp:	304671
Ion Ratio		Lower	Upper
232	100		
131	46.6	35.9	53.9
130	2.3	1.8	2.6
166	30.1	24.8	37.2

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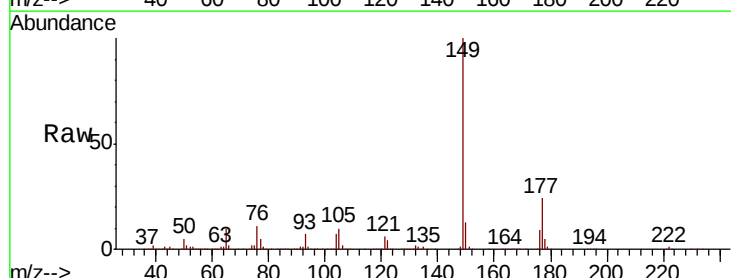


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

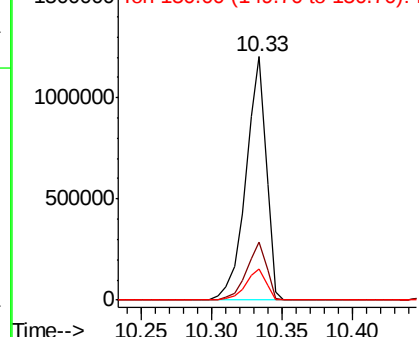
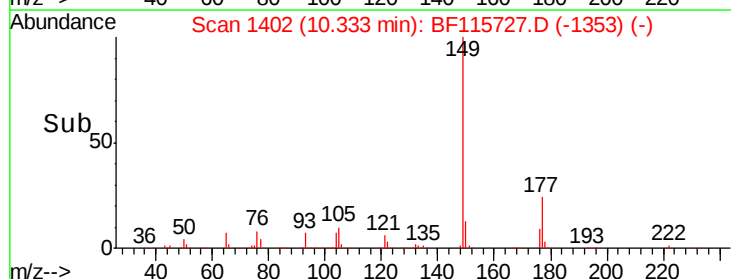


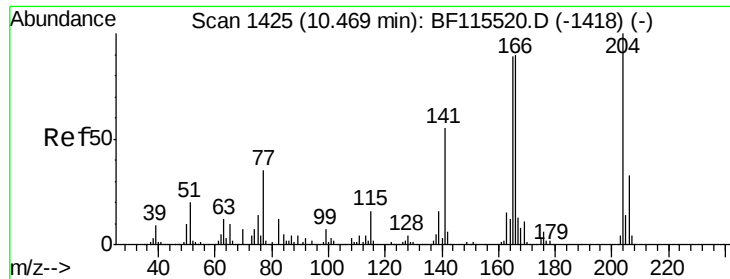
#60
 Diethylphthalate
 Concen: 44.657 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion:	149	Resp:	1199155
Ion Ratio		Lower	Upper
149	100		
177	23.9	19.5	29.3
150	13.0	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





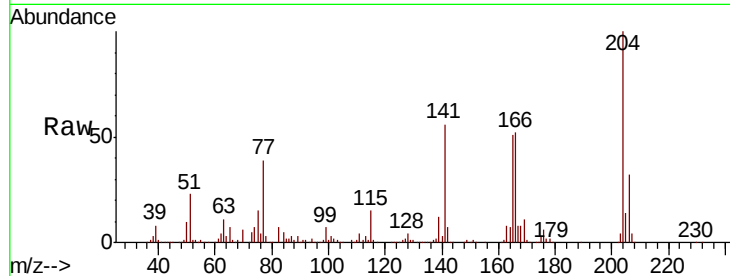
#61
 4-Chlorophenyl-phenylether
 Concen: 40.845 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	56.3	44.2	66.2

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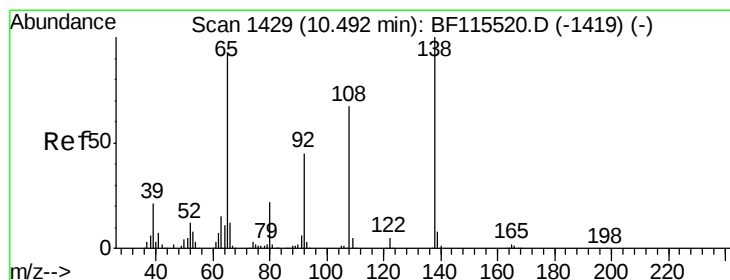
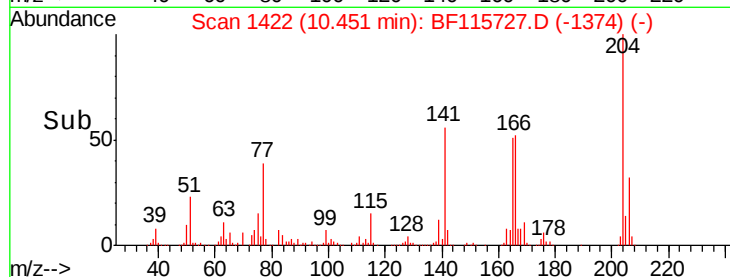
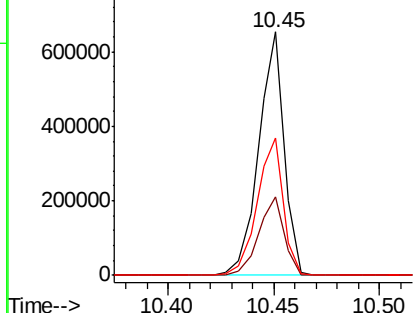


Abundance

Ion 204.00 (203.70 to 204.70): E

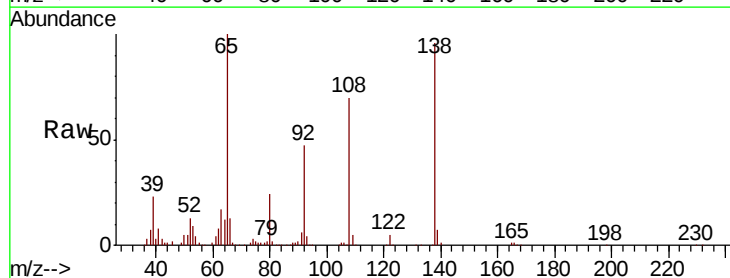
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 40.030 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	27.1	67.1
108	72.7	48.0	88.0

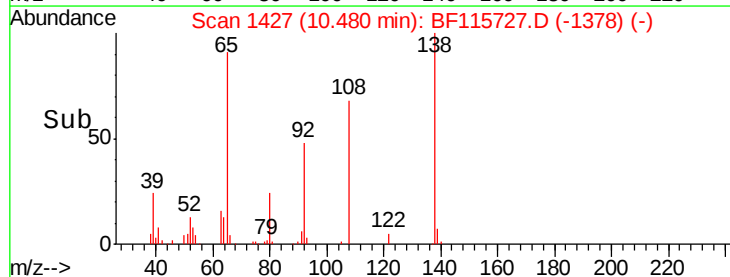
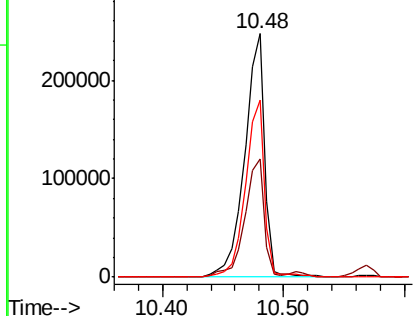


Abundance

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





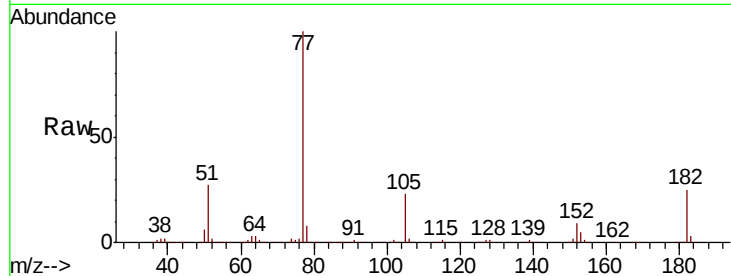
#63
Azobenzene
Concen: 45.490 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	6.9	46.9
105	22.8	3.9	43.9
51	26.5	7.3	47.3

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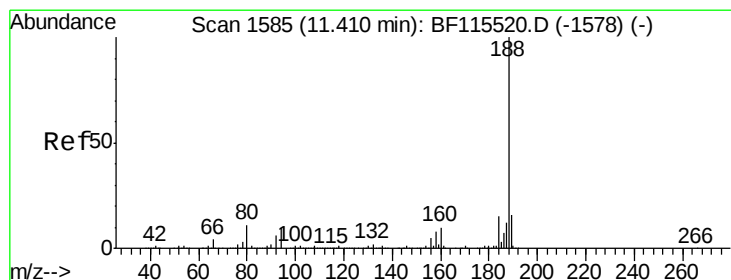
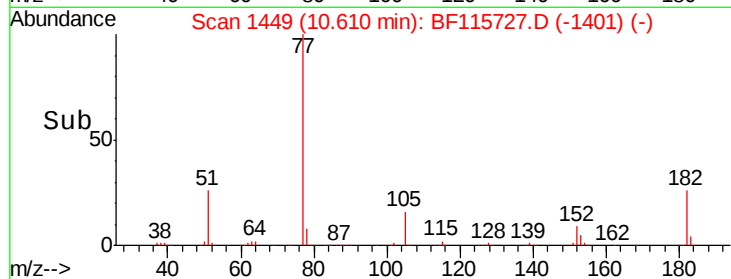
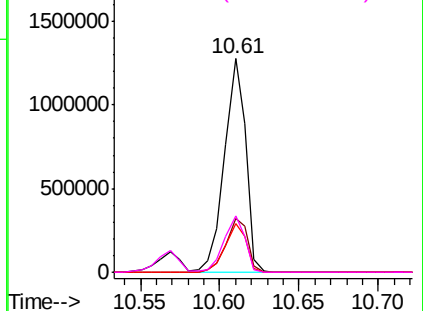
Abundance

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: BF115727.D
Acq: 23 Jul 2019 19:03

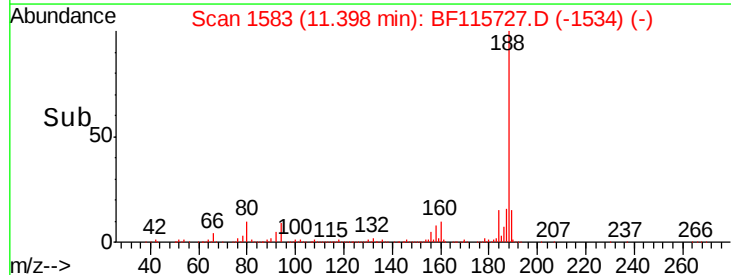
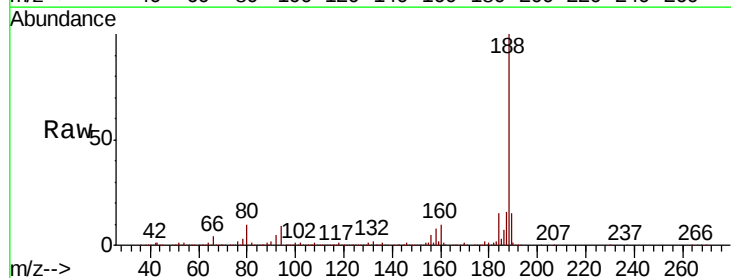
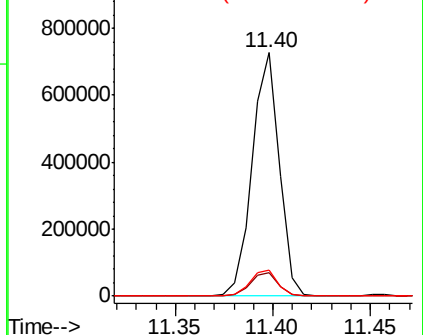
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.6
80	10.5	8.6	13.0

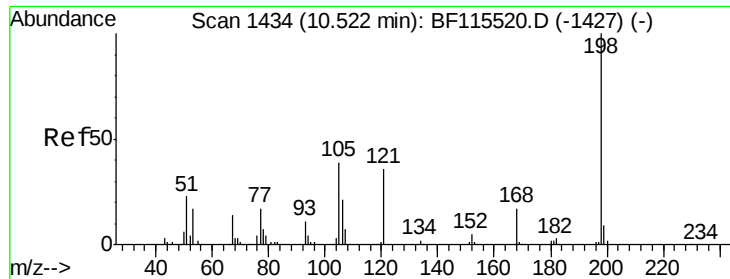
Abundance

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





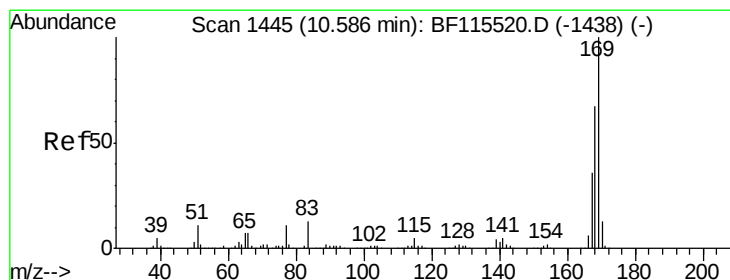
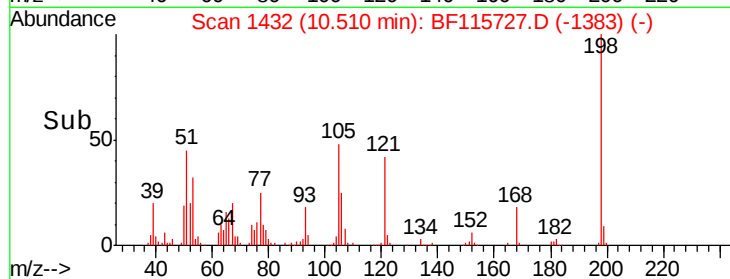
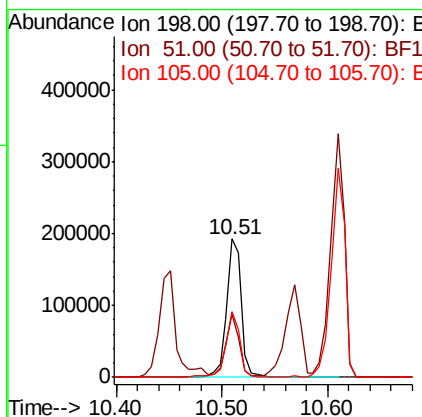
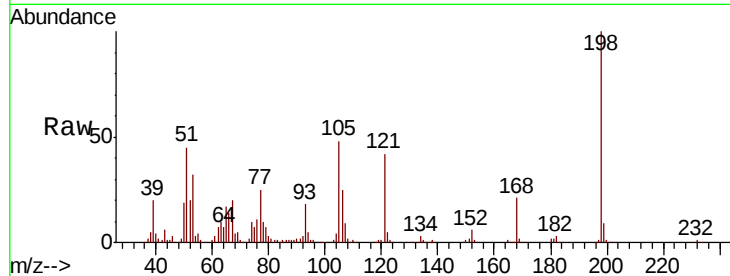
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.407 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	185523		
51	45.3	19.1	59.1	
105	47.5	23.6	63.6	

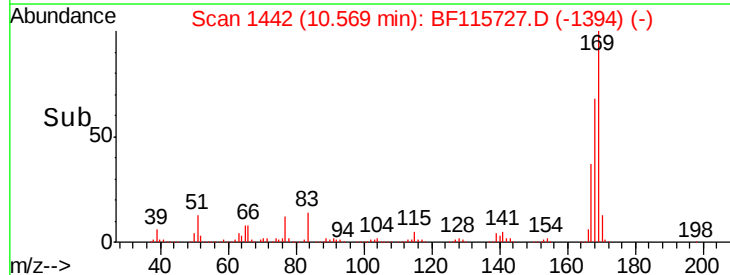
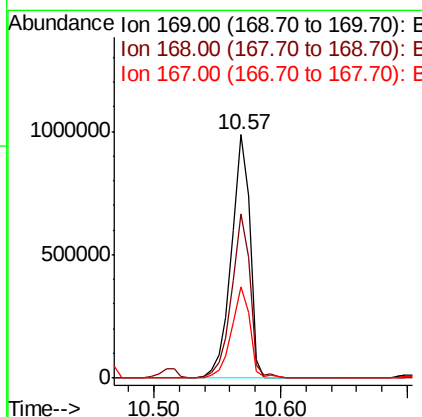
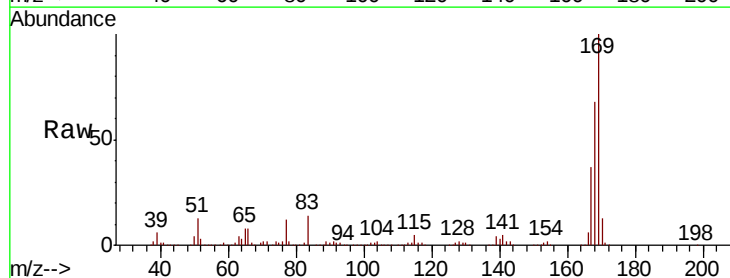
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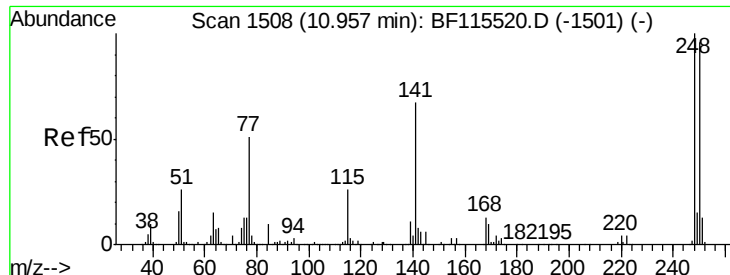
mohammad
 7/24/2019 11:35:00 AM



#66
 n-Nitrosodiphenylamine
 Concen: 45.242 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	984509		
168	67.6	54.3	81.5	
167	37.4	30.2	45.2	





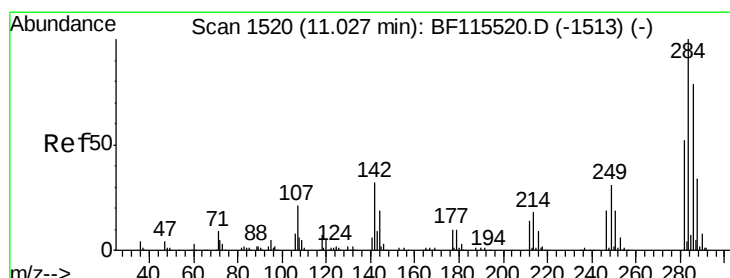
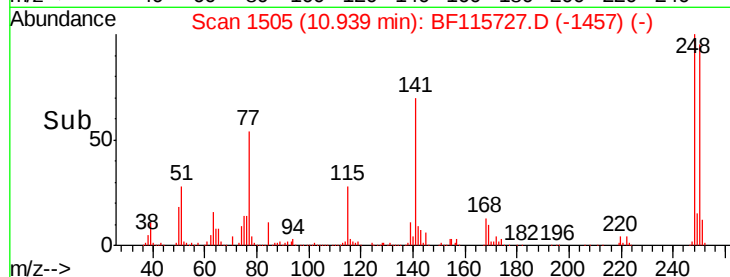
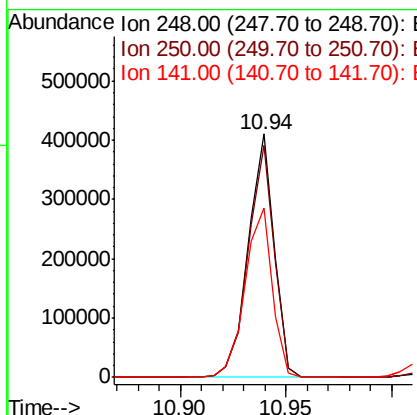
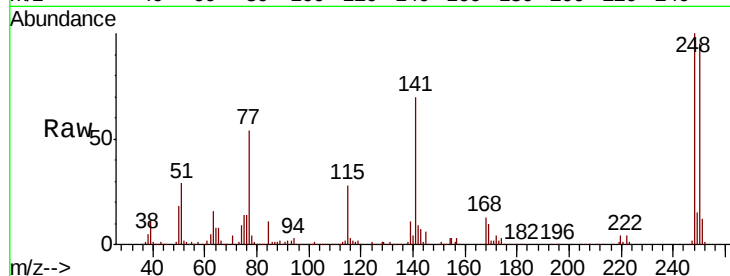
#67
 4-Bromophenyl-phenylether
 Concen: 43.906 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	78.0	117.0
141	69.5	57.7	86.5

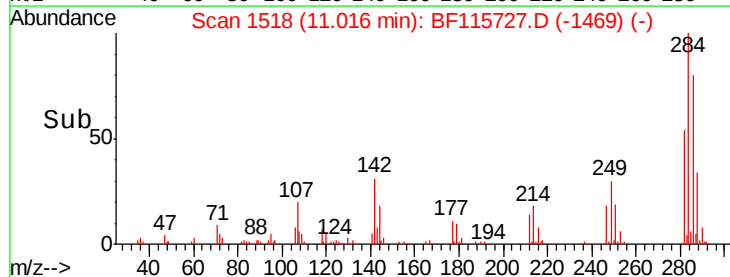
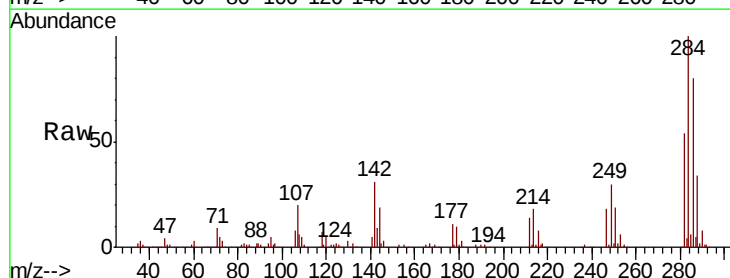
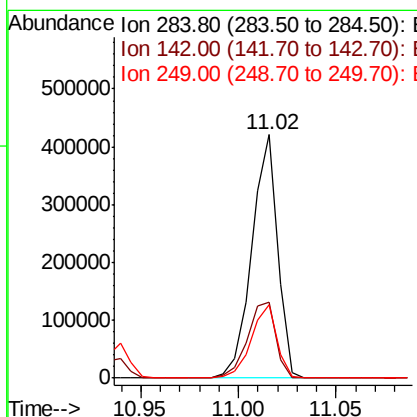
Manual Integrations
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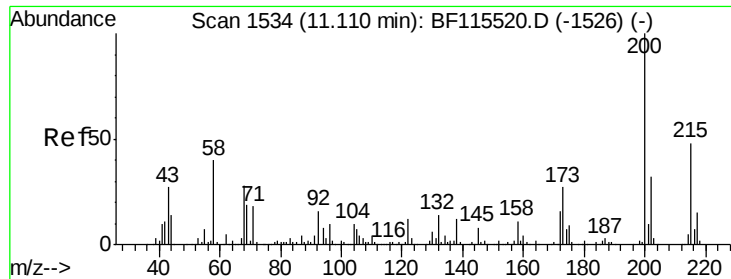
mohammad
 7/24/2019 11:35:00 AM



#68
 Hexachlorobenzene
 Concen: 42.247 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	22.2	33.2
249	30.1	23.4	35.2





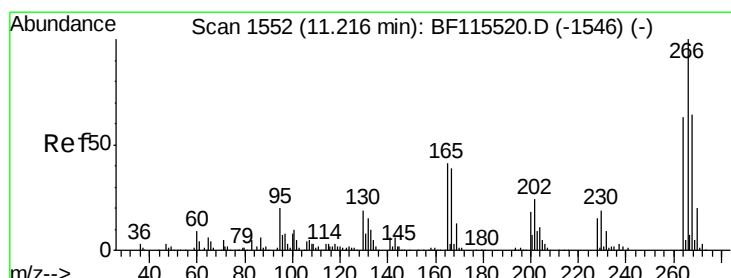
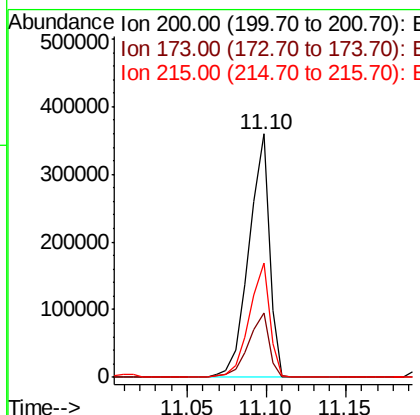
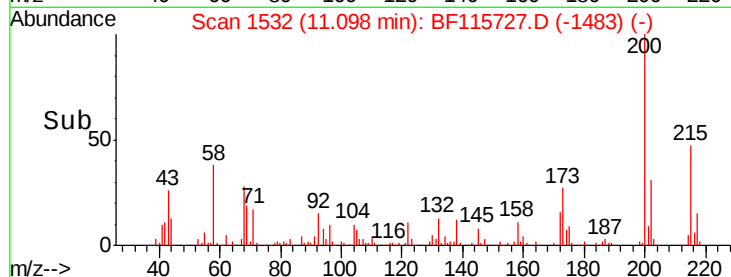
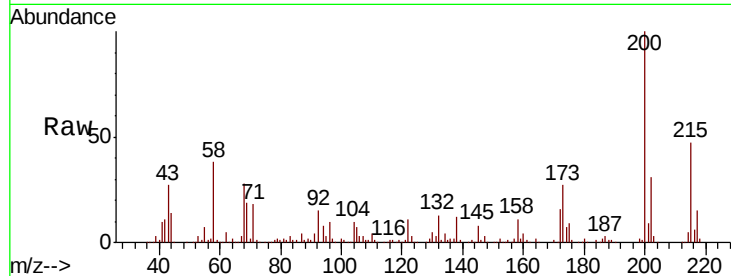
#69
 Atrazine
 Concen: 45.330 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Resp	Lower	Upper
200	100	323603		
173	26.6	6.9	46.9	
215	46.8	27.9	67.9	

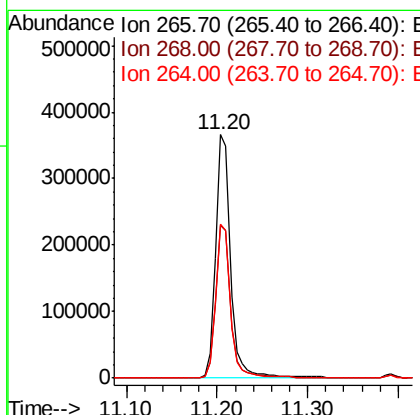
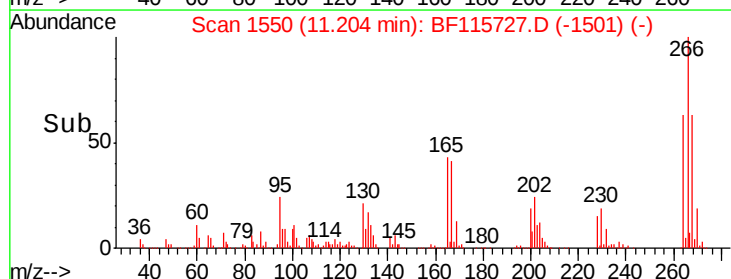
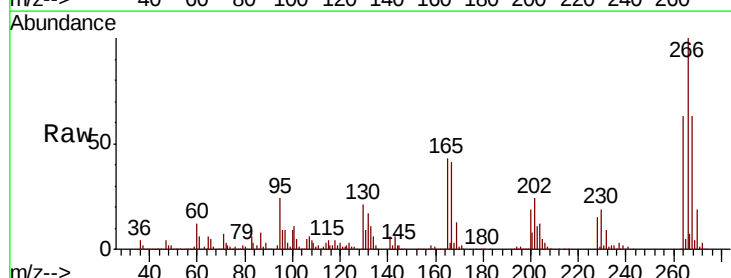
Manual Integrations
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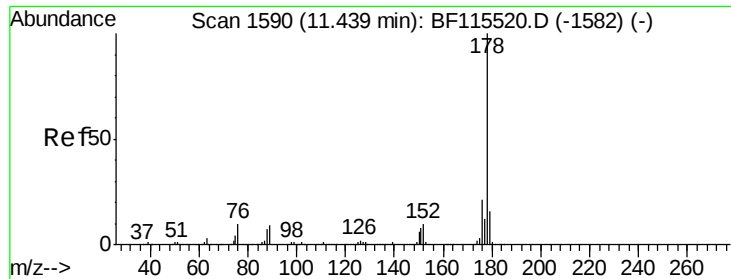
mohammad
 7/24/2019 11:35:00 AM



#70
 Pentachlorophenol
 Concen: 74.896 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	418204		
268	62.5	51.6	77.4	
264	63.3	50.6	76.0	





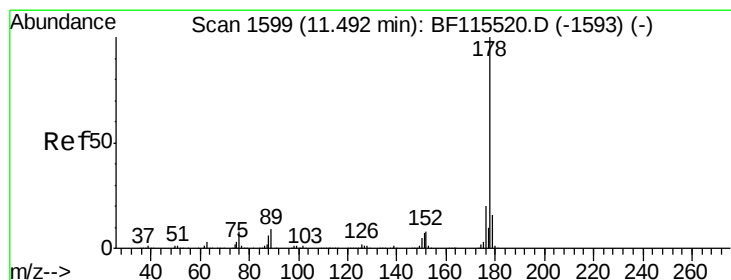
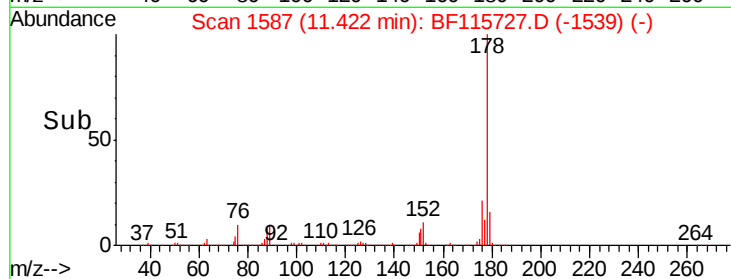
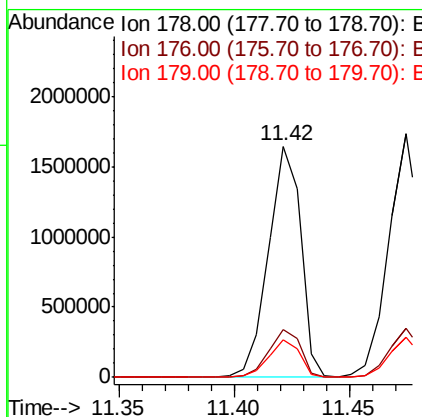
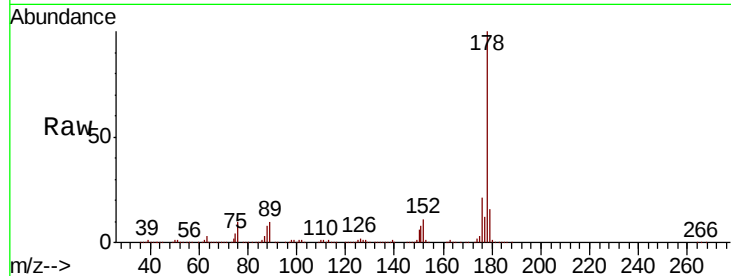
#71
Phenanthrene
Concen: 44.661 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion:178 Resp: 1601472
Ion Ratio Lower Upper
178 100
176 20.7 17.2 25.8
179 16.1 13.5 20.3

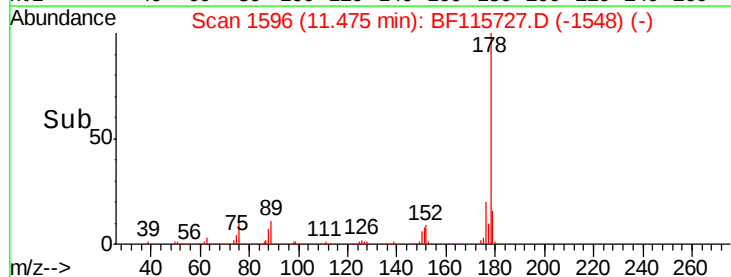
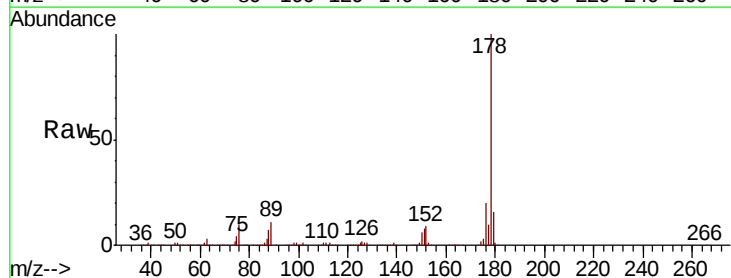
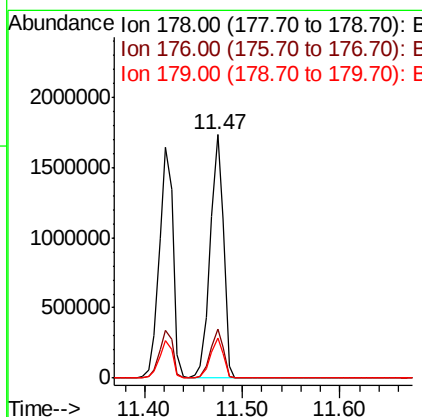
Manual Integrations
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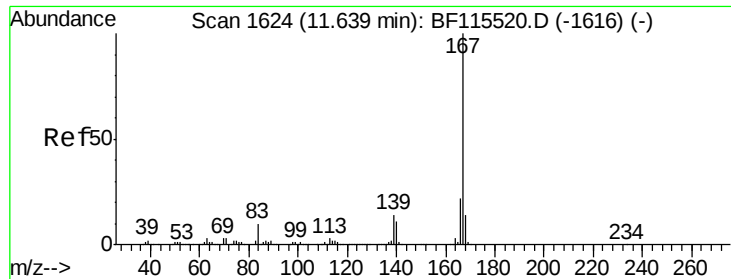
mohammad
7/24/2019 11:35:00 AM



#72
Anthracene
Concen: 44.422 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion:178 Resp: 1646240
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.3 12.7 19.1





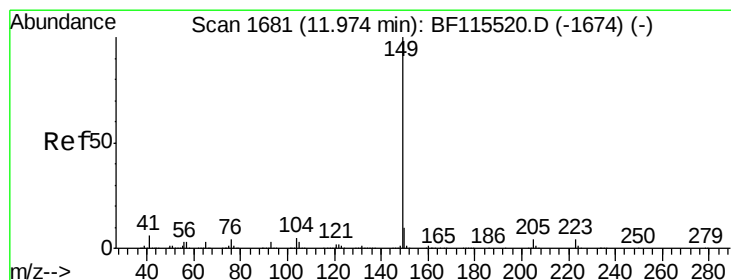
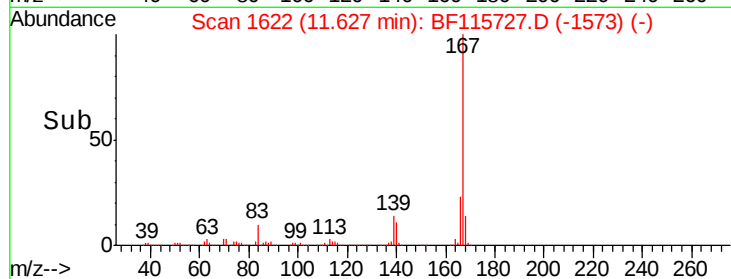
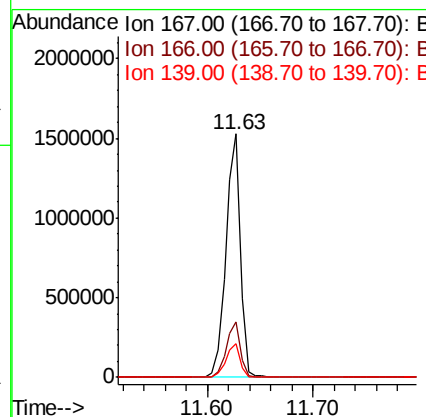
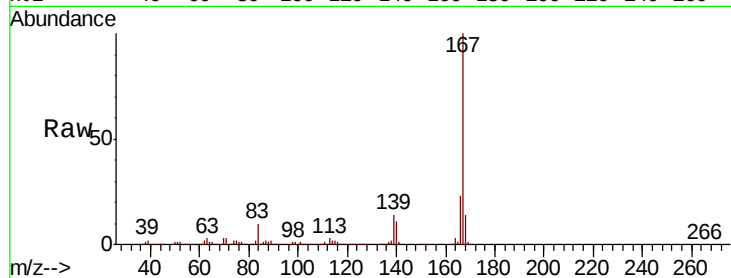
#73
 Carbazole
 Concen: 45.177 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.1	27.1
139	14.0	11.3	16.9

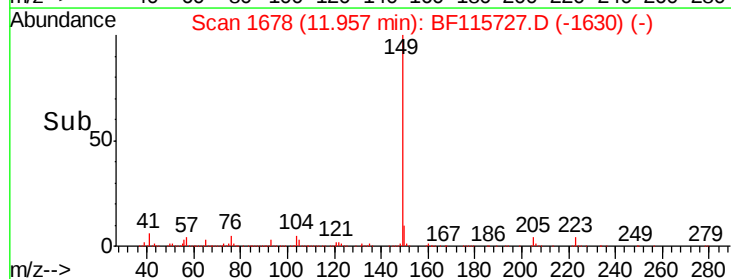
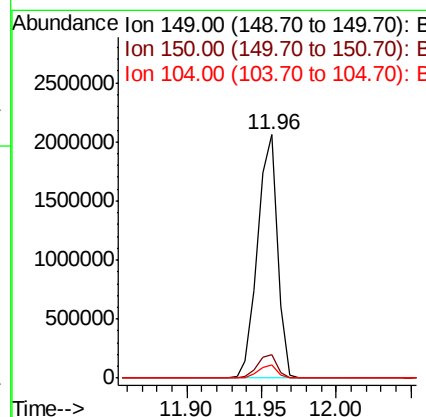
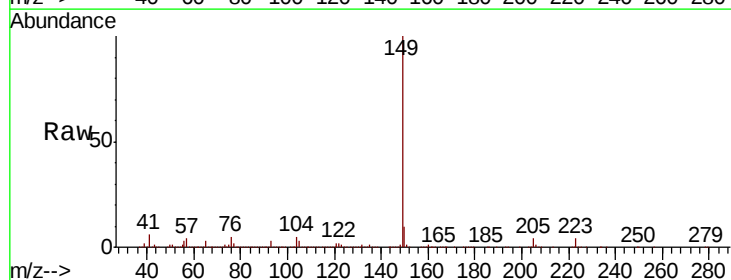
Manual Integrations
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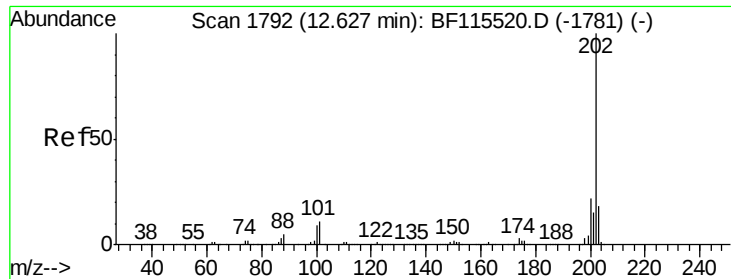
mohammad
 7/24/2019 11:35:00 AM



#74
 Di-n-butylphthalate
 Concen: 47.131 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BF115727.D
 Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.3	3.8	5.8





#75

Fluoranthene

Concen: 44.778 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

Tot Ion:202 Resp: 1696776

Ion Ratio Lower Upper

202 100

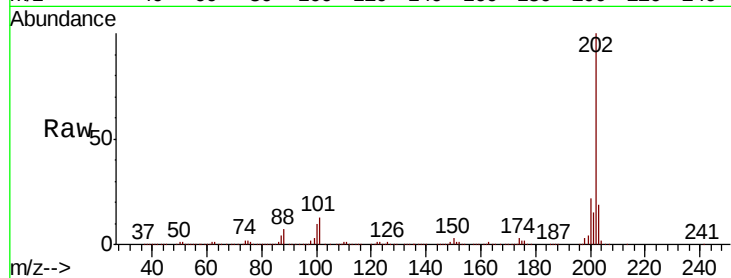
101 13.3 0.0 31.4

203 18.7 0.0 38.1

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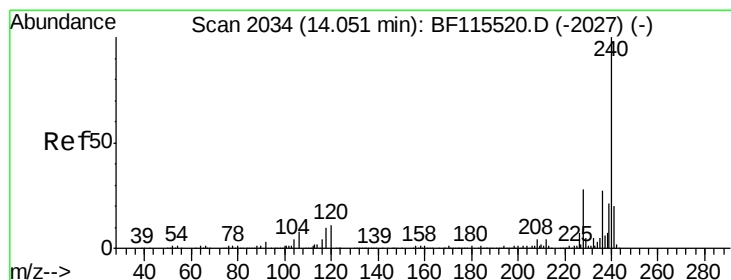
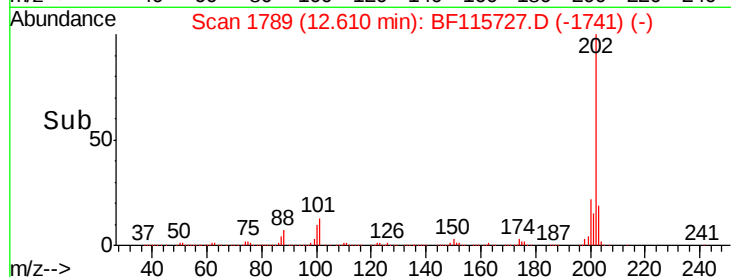
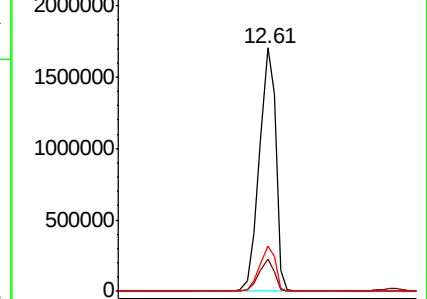
7/24/2019 11:35:00 AM



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: BF115727.D

Acq: 23 Jul 2019 19:03

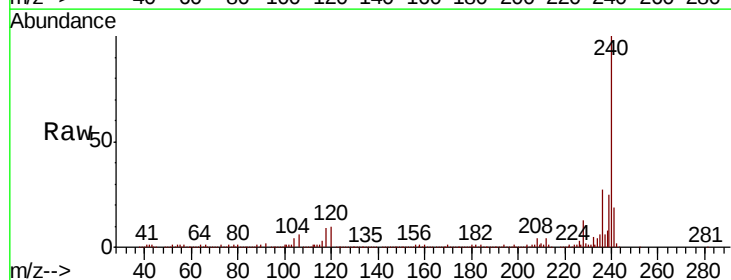
Tgt Ion:240 Resp: 475090

Ion Ratio Lower Upper

240 100

120 10.0 8.6 13.0

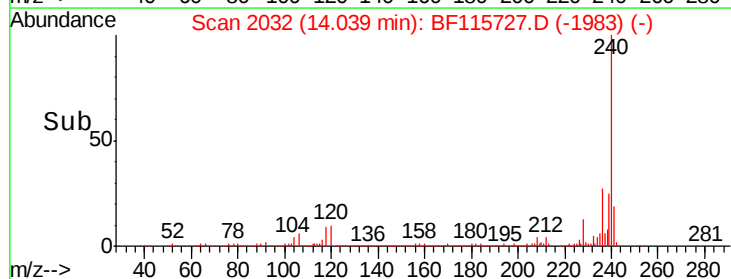
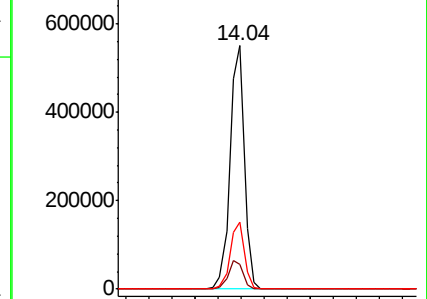
236 27.5 21.3 31.9

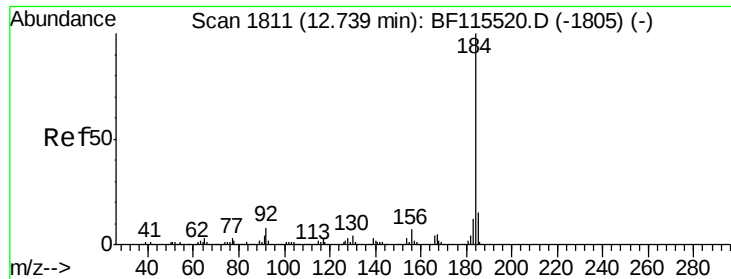


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.931 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

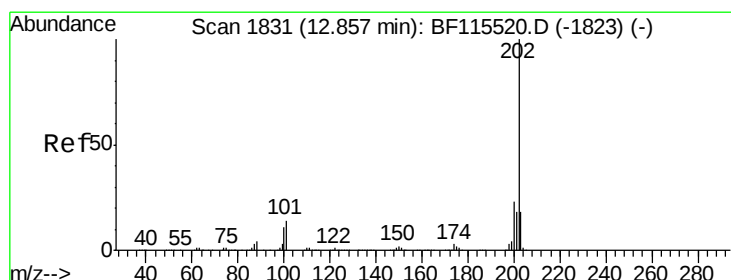
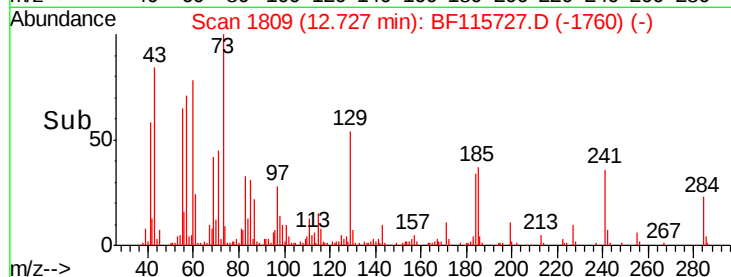
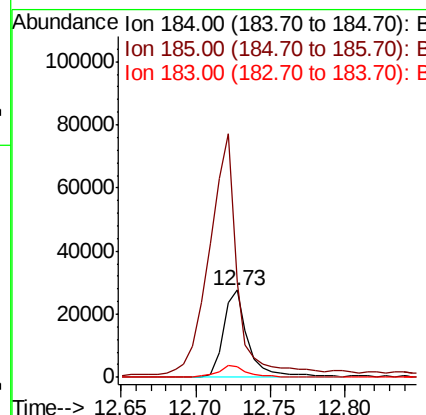
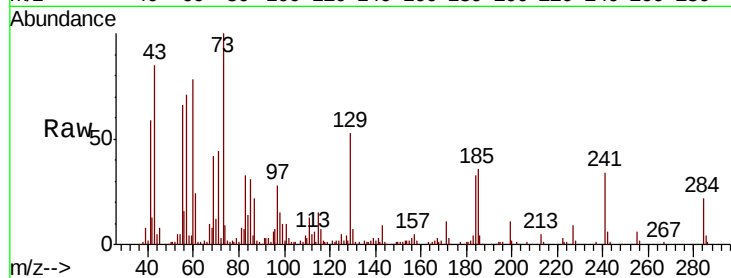
ClientSampleId :

NB-07-071919-AMS

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
185	108.6	12.0	18.0	
183	12.9	9.3	13.9	

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#78

Pyrene

Concen: 41.653 ng

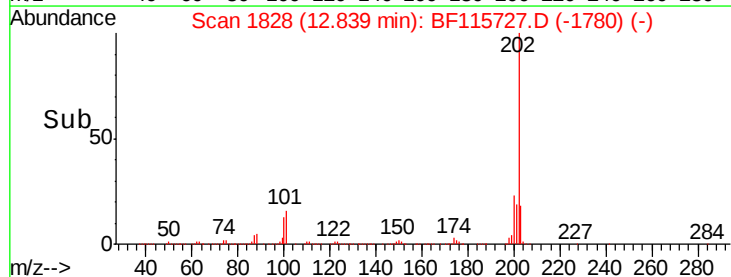
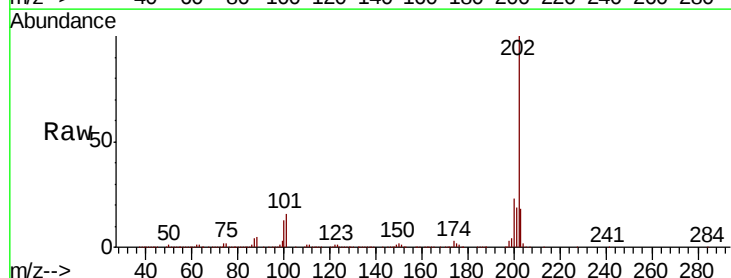
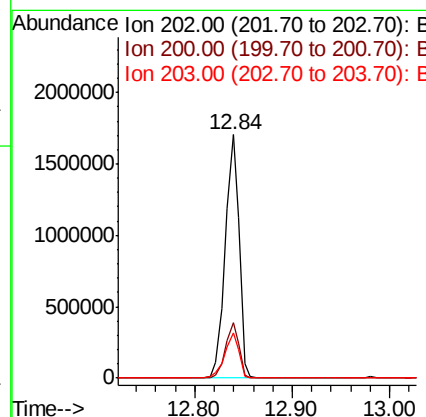
RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	22.7	18.7	28.1	
203	18.4	15.2	22.8	





#79

Terphenyl-d14

Concen: 86.936 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

Tot Ion:244 Resp: 2238418

Ion Ratio Lower Upper

244 100

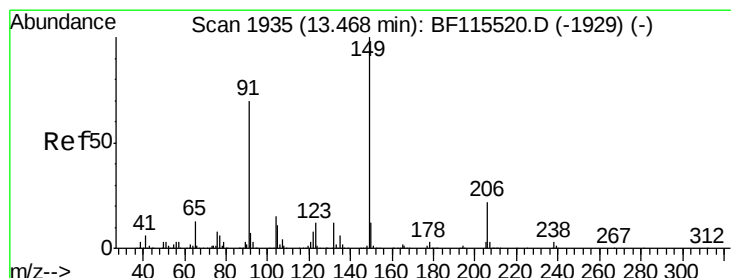
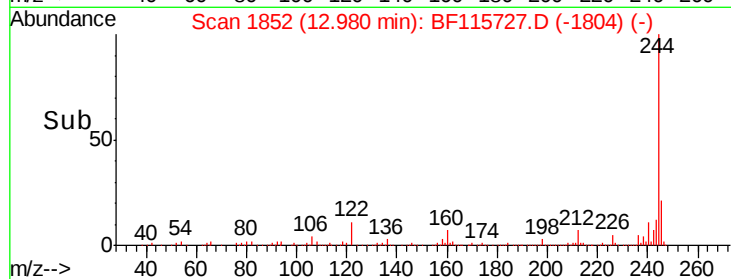
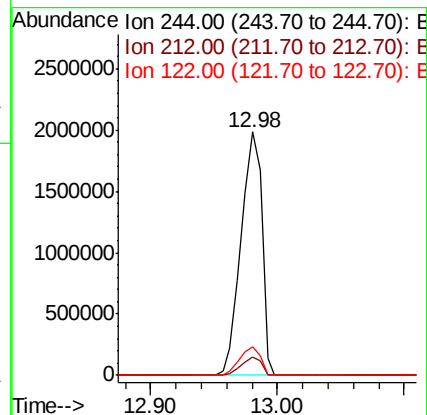
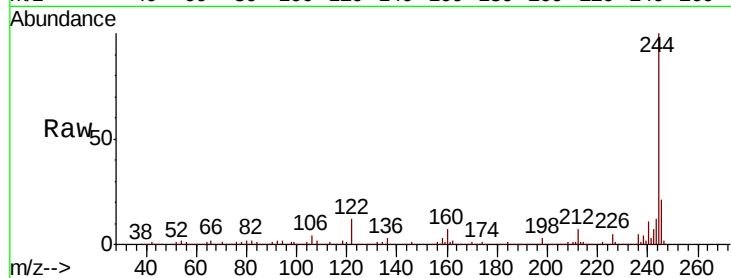
212 7.4 6.0 9.0

122 11.5 8.6 12.8

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#80

Butylbenzylphthalate

Concen: 47.223 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

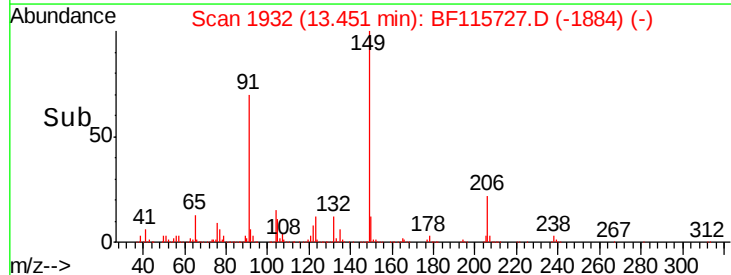
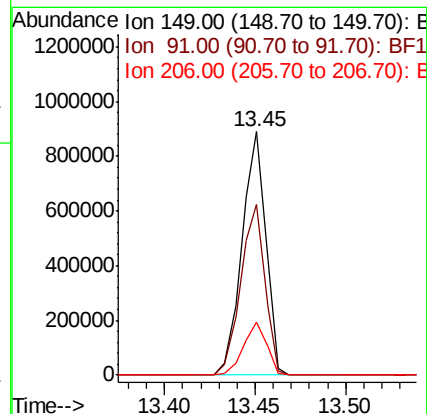
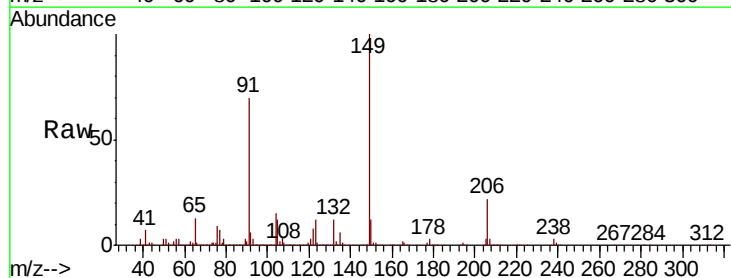
Tgt Ion:149 Resp: 810305

Ion Ratio Lower Upper

149 100

91 70.3 55.8 83.8

206 21.6 18.2 27.2





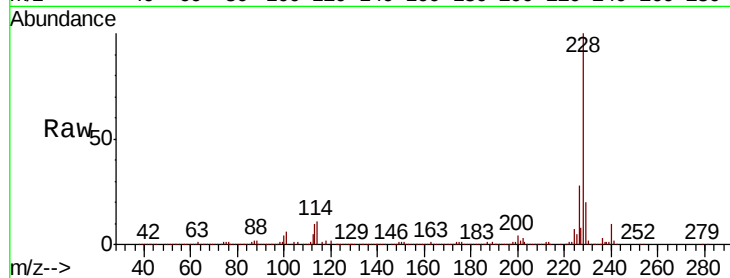
#81
Benzo(a)anthracene
Concen: 43.643 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.0
229	20.2	17.2	25.8

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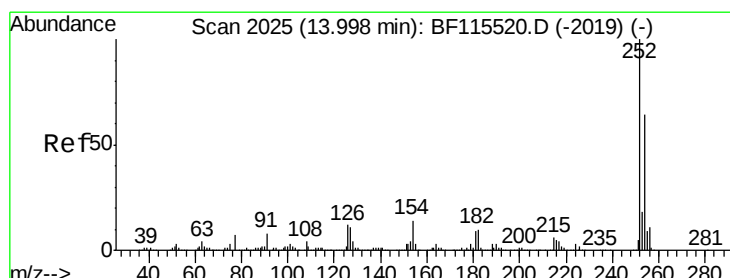
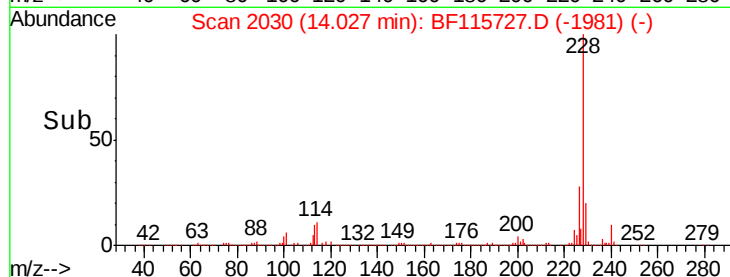
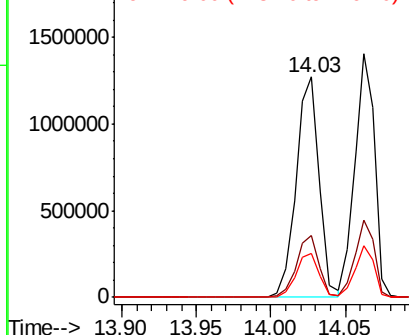


Abundance

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: 11.324 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

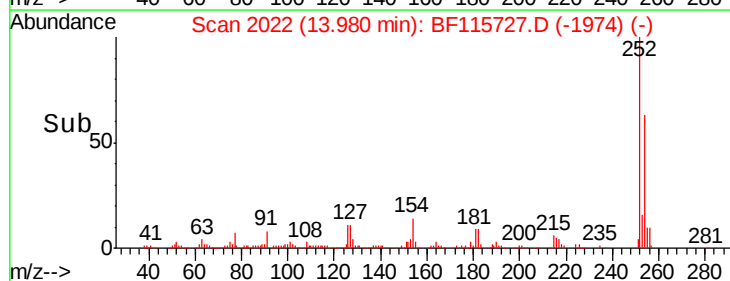
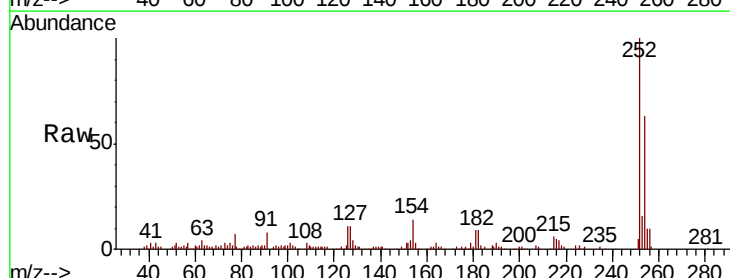
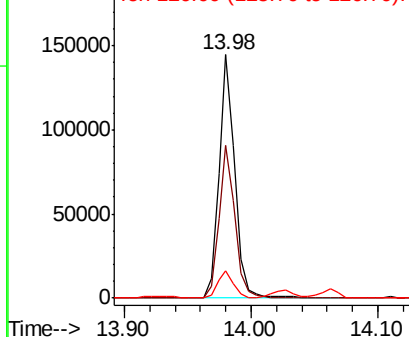
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.9	79.3
126	11.1	9.9	14.9

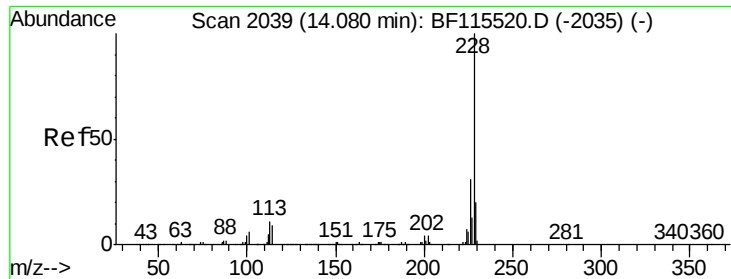
Abundance

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





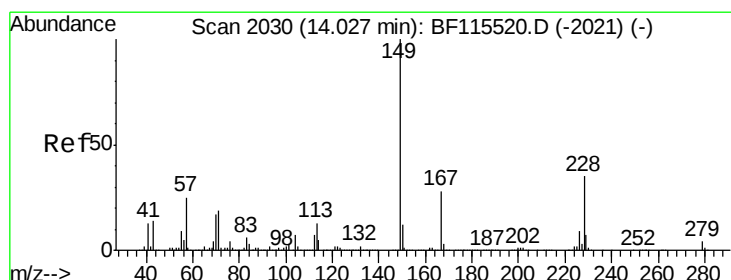
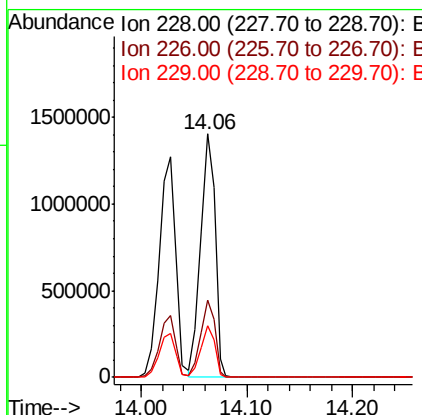
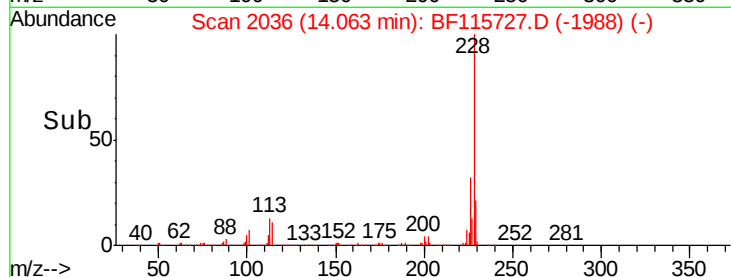
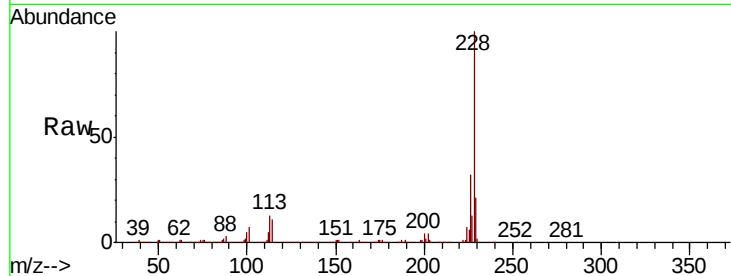
#83
Chrysene
Concen: 42.216 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion:228 Resp: 1326436
Ion Ratio Lower Upper
228 100
226 31.6 25.7 38.5
229 21.0 16.6 25.0

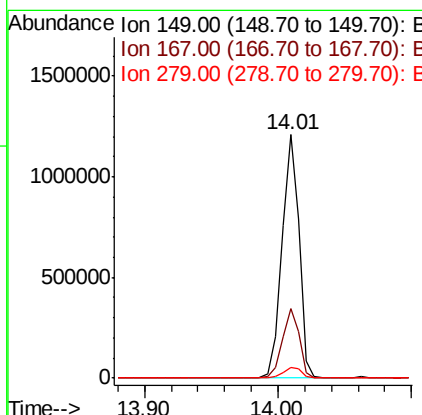
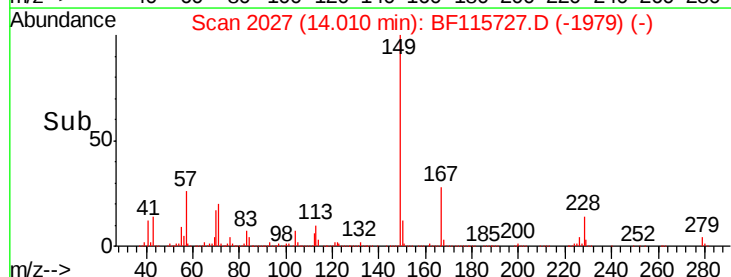
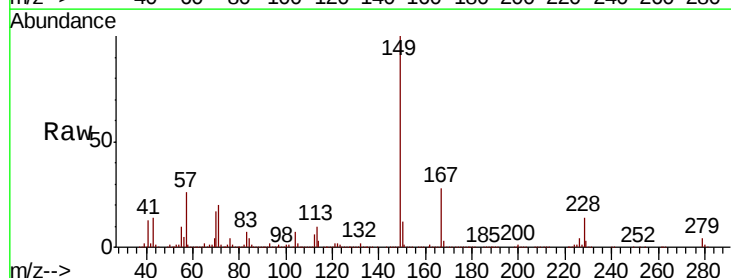
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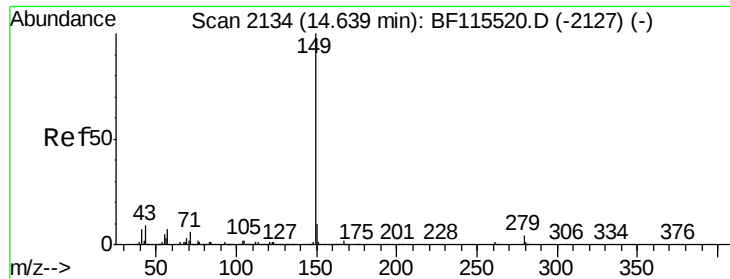
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.403 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion:149 Resp: 1092532
Ion Ratio Lower Upper
149 100
167 28.5 23.0 34.4
279 4.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 50.388 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-AMS

Tot Ion:149 Resp: 1704003

Ion Ratio Lower Upper

149 100

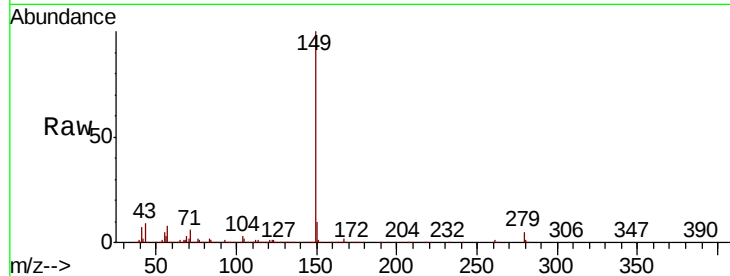
167 1.7 1.4 2.0

43 8.9 7.2 10.8

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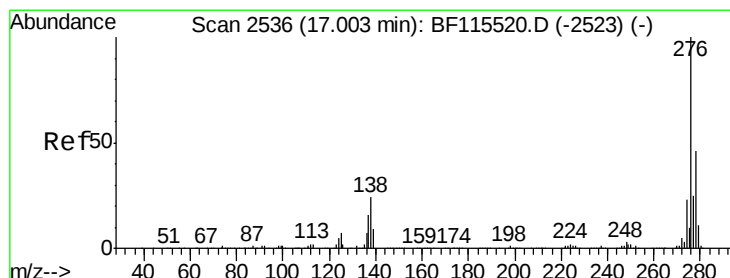
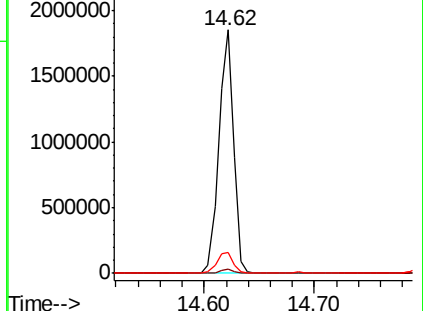
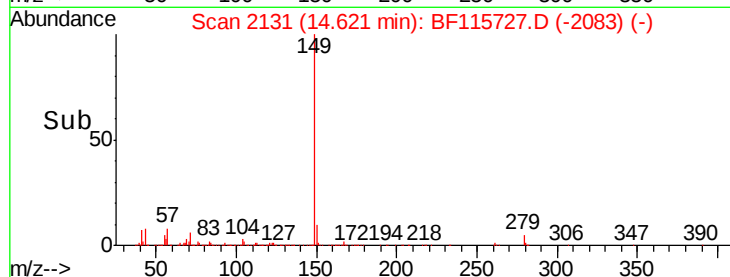
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 48.348 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115727.D

Acq: 23 Jul 2019 19:03

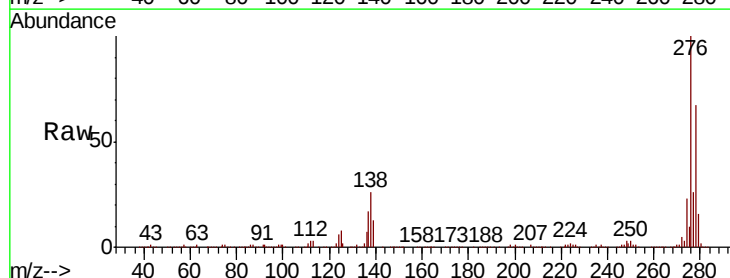
Tgt Ion:276 Resp: 1290598

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.2

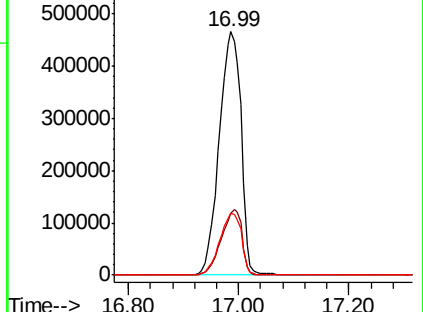
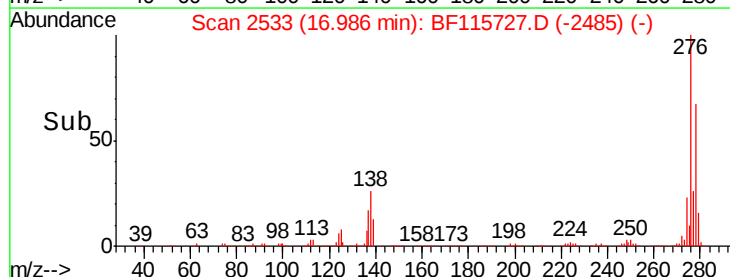
277 25.3 20.4 30.6



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





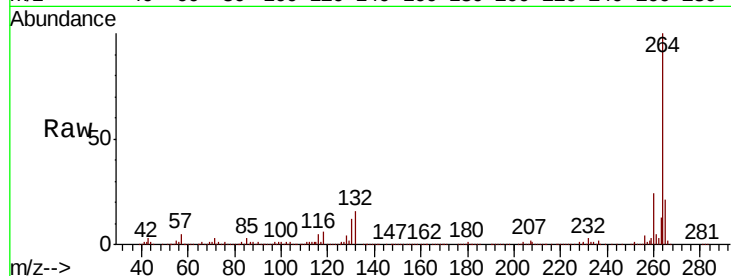
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	21.2	17.7	26.5

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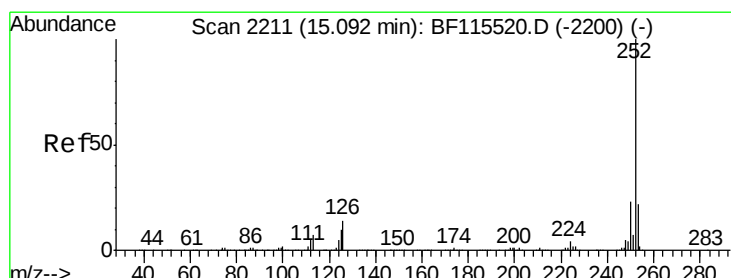
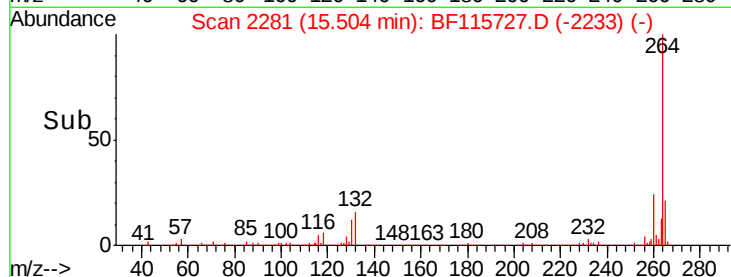
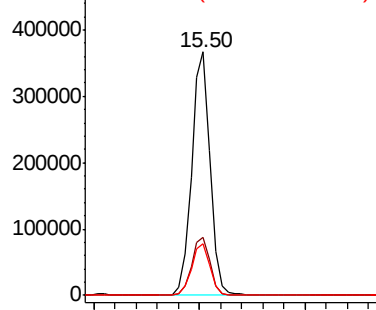


Abundance

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: 43.288 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

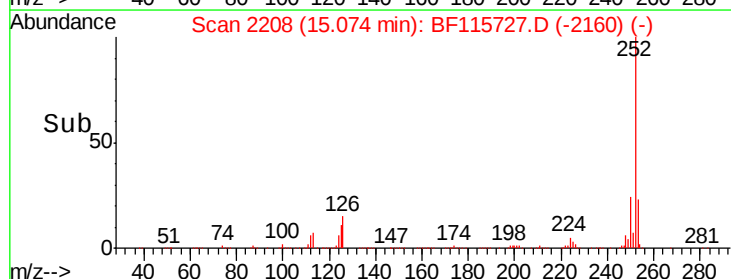
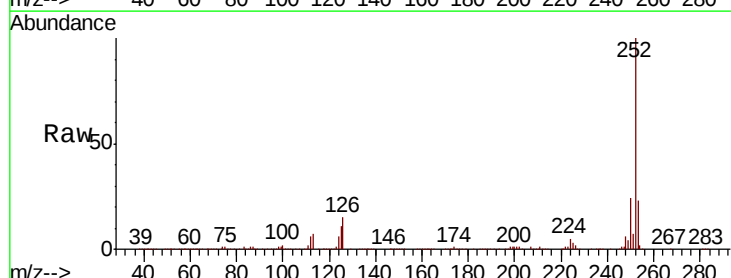
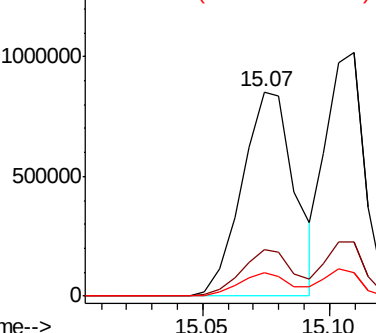
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.2	9.0	13.4

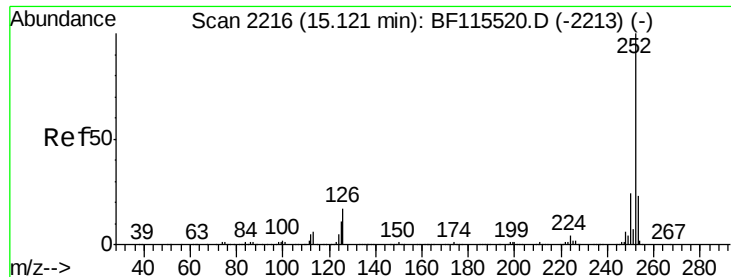
Abundance

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





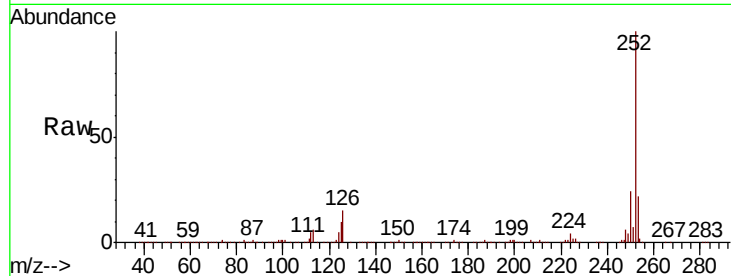
#89
Benzo(k)fluoranthene
Concen: 41.806 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

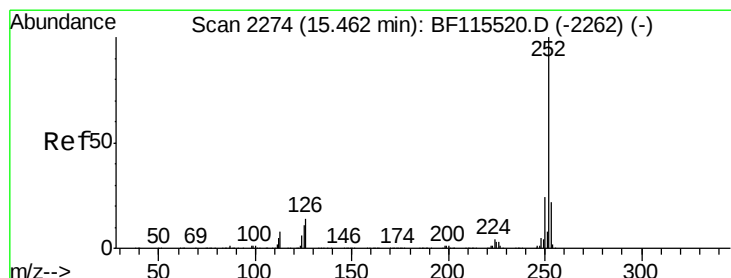
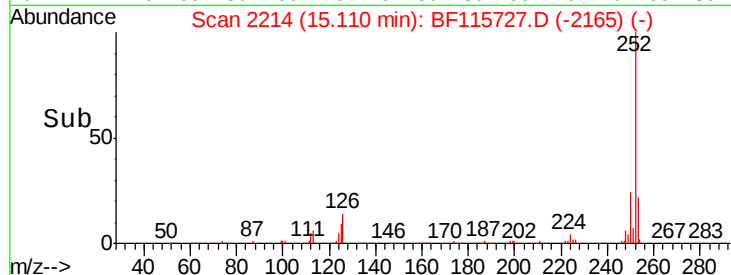
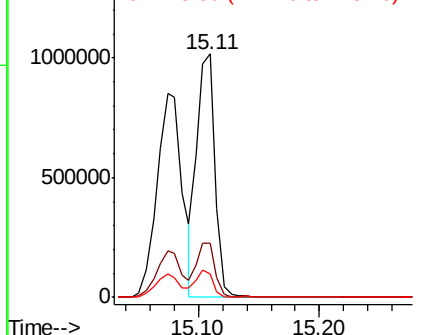
Tot Ion:252 Resp: 1070282
Ion Ratio Lower Upper
252 100
253 22.2 18.6 28.0
125 9.5 9.0 13.6

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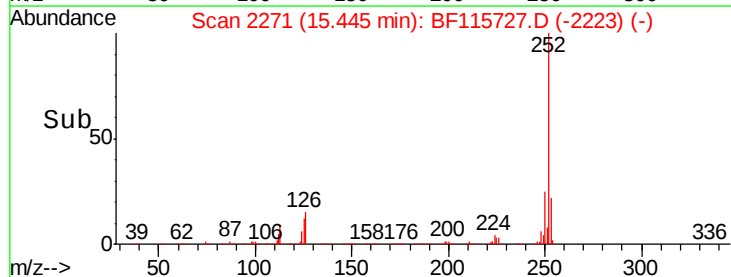
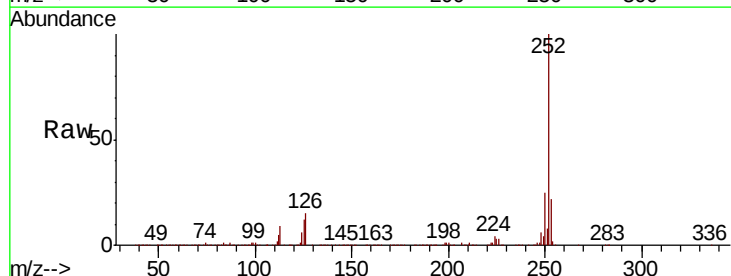
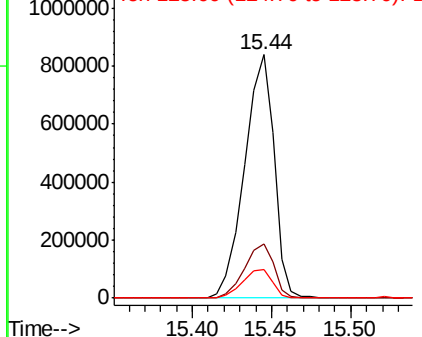
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

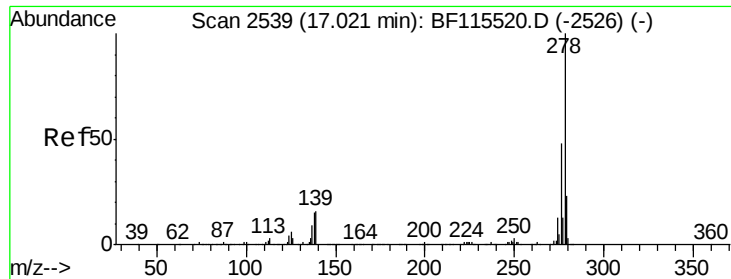


#90
Benzo(a)pyrene
Concen: 44.099 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion:252 Resp: 1088382
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.7 9.1 13.7

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





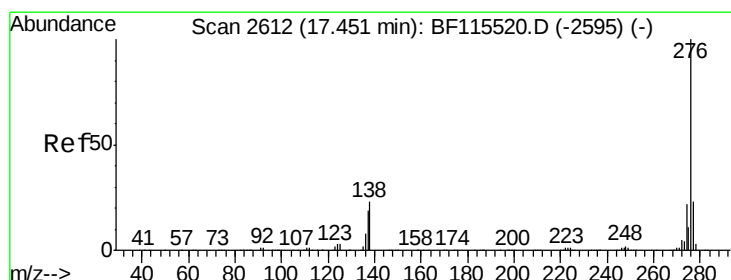
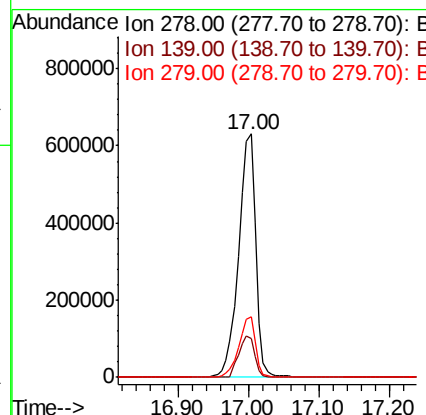
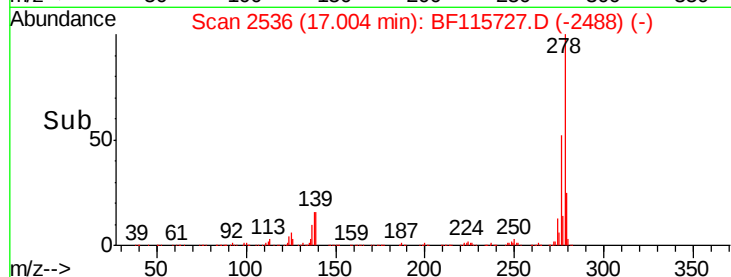
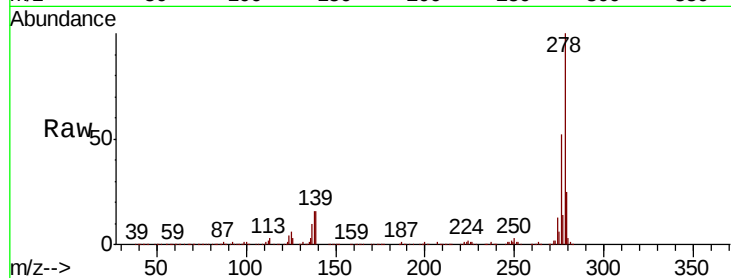
#91
Dibenzo(a,h)anthracene
Concen: 49.421 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.1	19.7
279	24.7	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/24/2019 11:35:00 AM



#92
Benzo(g,h,i)perylene
Concen: 50.761 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.02 min
Lab File: BF115727.D
Acq: 23 Jul 2019 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	21.4	17.2	25.8

