

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115543.D
 Acq On : 12 Jul 2019 22:54
 Operator : HP/JU
 Sample : K3621-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071019-AMSD

Manual Integrations
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 7/15/2019 2:57:37 PM

Quant Time: Jul 13 03:37:12 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	6.89	152	165165	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	629961	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	295017	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	519579	20.00	ng	0.00
76) Chrysene-d12	14.04	240	332726	20.00	ng	0.00
87) Perylene-d12	15.52	264	366351	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1063664	105.34	ng	0.02
7) Phenol-d6	6.52	99	1232876	96.22	ng	0.00
23) Nitrobenzene-d5	7.45	82	1022538	94.38	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	417796	121.33	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1821905	108.09	ng	0.00
79) Terphenyl-d14	12.99	244	1626995	90.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	158884	31.545	ng	# 86
3) Pyridine	3.57	79	348248	25.484	ng	100
4) n-Nitrosodimethylamine	3.51	42	172209	34.737	ng	100
6) Aniline	6.55	93	246272	13.812	ng	98
8) 2-Chlorophenol	6.67	128	456042	39.283	ng	99
9) Benzaldehyde	6.43	77	196024	24.483	ng	100
10) Phenol	6.53	94	447935	30.116	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	452688	39.976	ng	99
12) 1,3-Dichlorobenzene	6.83	146	513919	39.373	ng	97
13) 1,4-Dichlorobenzene	6.90	146	519472	39.888	ng	98
14) 1,2-Dichlorobenzene	7.06	146	481401	40.437	ng	98
15) Benzyl Alcohol	7.03	79	413665	40.699	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	598315	40.133	ng	96
17) 2-Methylphenol	7.13	107	383894	38.371	ng	99
18) Hexachloroethane	7.40	117	182133	37.679	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	334346	40.012	ng	98
20) 3+4-Methylphenols	7.29	107	442399	37.227	ng	95
22) Acetophenone	7.29	105	659280	46.325	ng	95
24) Nitrobenzene	7.46	77	515739	44.135	ng	96
25) Isophorone	7.70	82	939565	43.340	ng	99
26) 2-Nitrophenol	7.78	139	254154	42.256	ng	98
27) 2,4-Dimethylphenol	7.82	122	412304	45.815	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	582579	43.804	ng	99
29) 2,4-Dichlorophenol	8.02	162	410832	43.895	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	452981	42.817	ng	98
31) Naphthalene	8.19	128	1365129	44.745	ng	97
32) Benzoic acid	7.91	122	154451	20.913	ng	97
33) 4-Chloroaniline	8.23	127	130542	9.660	ng	98
34) Hexachlorobutadiene	8.31	225	258599	42.624	ng	99
35) Caprolactam	8.60	113	81386m	28.140	ng	
36) 4-Chloro-3-methylphenol	8.72	107	413588	42.601	ng	97
37) 2-Methylnaphthalene	8.88	142	916106	45.299	ng	98
38) 1-Methylnaphthalene	8.98	142	861090	44.827	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	426983	48.062	ng	98

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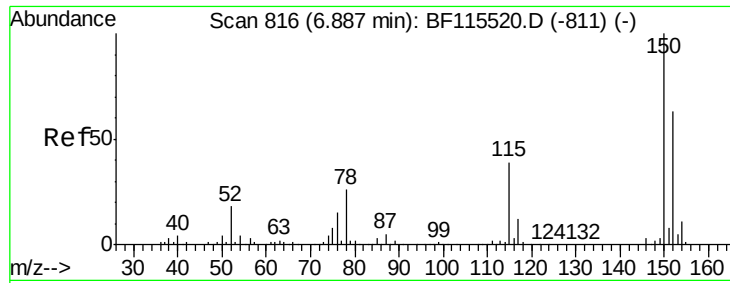
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	224289	44.258	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	289866	44.617	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	297421	44.702	nq	99
46) 1,1'-Biphenyl	9.35	154	1111116	48.175	nq	98
47) 2-Chloronaphthalene	9.37	162	866937	45.143	nq	98
48) 2-Nitroaniline	9.46	65	258419	43.475	nq	92
49) Acenaphthylene	9.79	152	1298950	45.647	nq	98
50) Dimethylphthalate	9.65	163	1017967	45.862	nq	99
51) 2,6-Dinitrotoluene	9.70	165	224909	44.587	nq	93
52) Acenaphthene	9.96	154	813742	44.293	nq	98
53) 3-Nitroaniline	9.87	138	123061	21.349	nq	95
54) 2,4-Dinitrophenol	9.97	184	76231	29.435	nq	93
55) Dibenzofuran	10.13	168	1152352	44.168	nq	99
56) 4-Nitrophenol	10.03	139	292160	66.467	nq	99
57) 2,4-Dinitrotoluene	10.10	165	288136	44.091	nq	97
58) Fluorene	10.47	166	832049	44.610	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	237169	42.642	nq	98
60) Diethylphthalate	10.35	149	958679	46.097	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	440062	42.546	nq	97
62) 4-Nitroaniline	10.48	138	207509	37.529	nq	99
63) Azobenzene	10.62	77	897413	44.488	nq	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	69385	21.857	nq	89
66) n-Nitrosodiphenylamine	10.58	169	779716	48.243	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	270905	45.626	nq	99
68) Hexachlorobenzene	11.03	284	291561	42.999	nq	98
69) Atrazine	11.10	200	249571	47.070	nq	97
70) Pentachlorophenol	11.22	266	283346	68.322	nq	99
71) Phenanthrene	11.43	178	1193313	44.806	nq	97
72) Anthracene	11.49	178	1190677	43.259	nq	99
73) Carbazole	11.63	167	1040392	43.104	nq	99
74) Di-n-butylphthalate	11.97	149	1398038	47.023	nq	100
75) Fluoranthene	12.62	202	1118089	39.727	nq	99
77) Benzidine	12.73	184	327980	27.826	nq	99
78) Pyrene	12.85	202	1108562	39.325	nq	97
80) Butylbenzylphthalate	13.46	149	511350	42.552	nq	98
81) Benzo(a)anthracene	14.03	228	915007	41.743	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	233865	30.012	nq	98
83) Chrysene	14.07	228	950001	43.173	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	688310	46.241	nq	98
85) Di-n-octyl phthalate	14.64	149	1169115	49.363	nq	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	854739	45.721	nq	99
88) Benzo(b)fluoranthene	15.09	252	1019660	43.224	nq	100
89) Benzo(k)fluoranthene	15.12	252	895276	42.568	nq	97
90) Benzo(a)pyrene	15.46	252	889161	43.854	nq	99
91) Dibenzo(a,h)anthracene	17.02	278	733851	41.228	nq	98
92) Benzo(g,h,i)perylene	17.44	276	665134	37.468	nq	98

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



#1

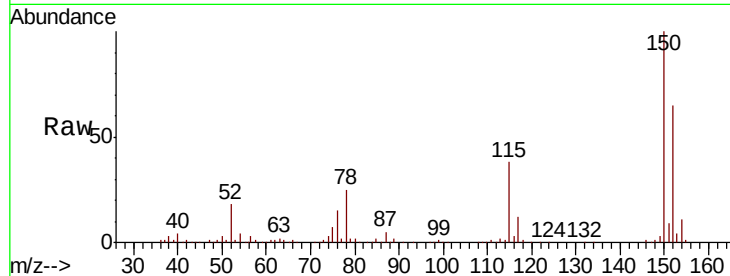
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	129.7	194.5
115	59.4	48.2	72.4

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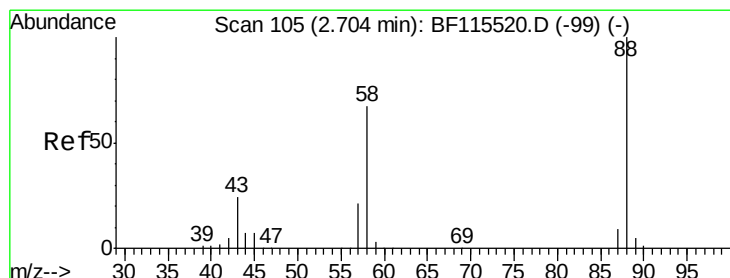
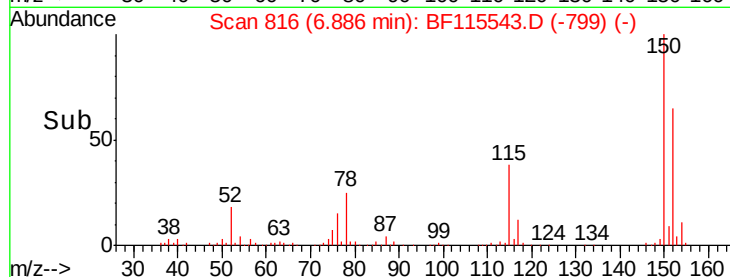
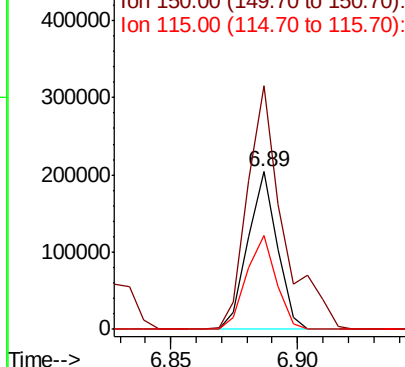


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

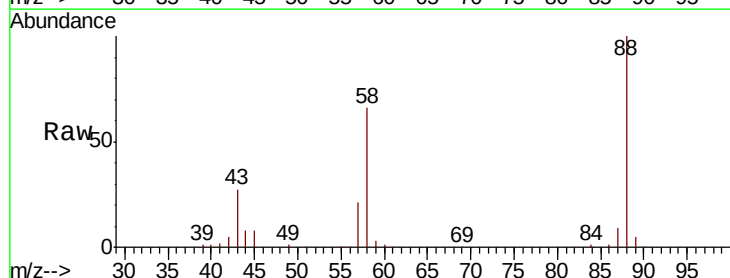
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.545 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.18 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	52.6	79.0
43	0.0	19.1	28.7#

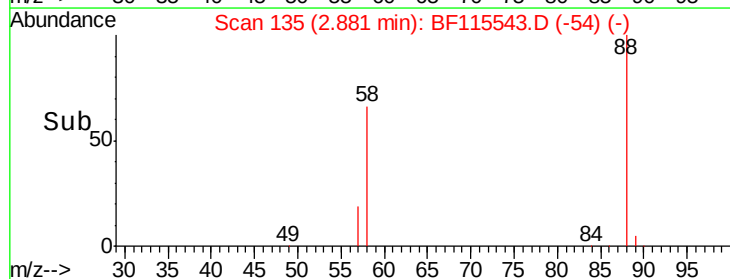
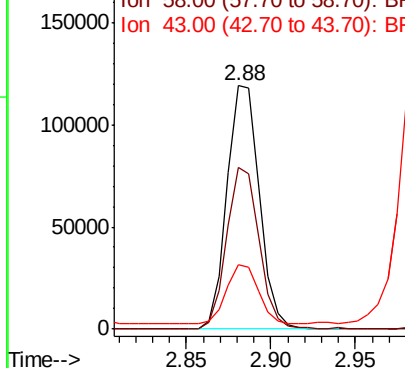


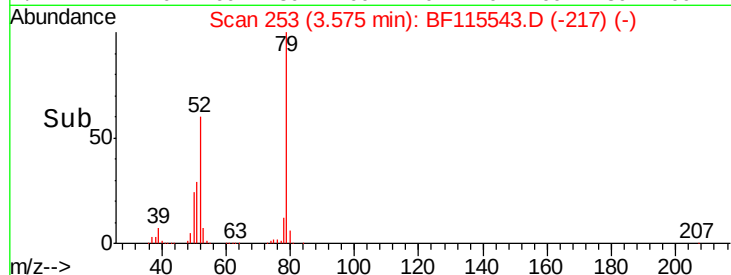
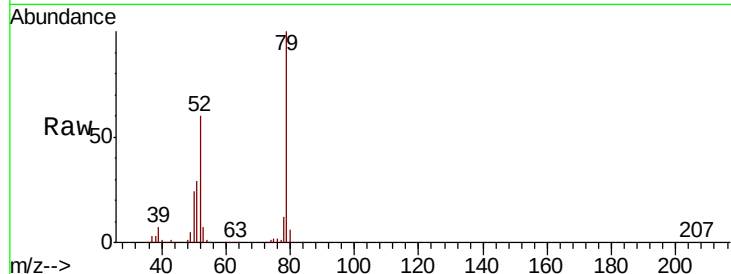
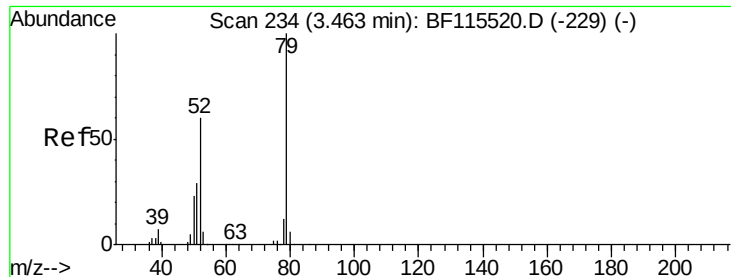
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





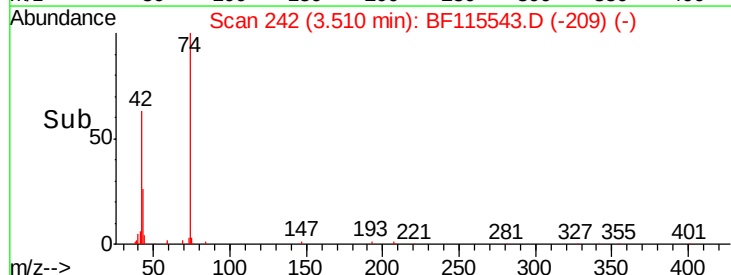
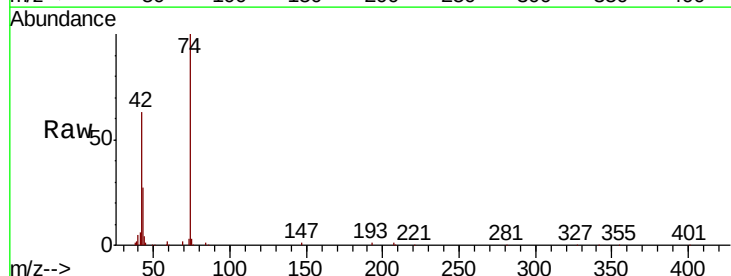
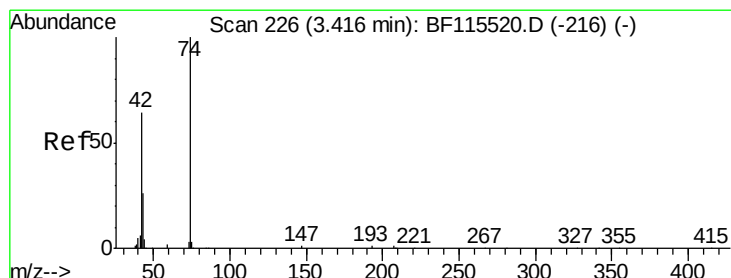
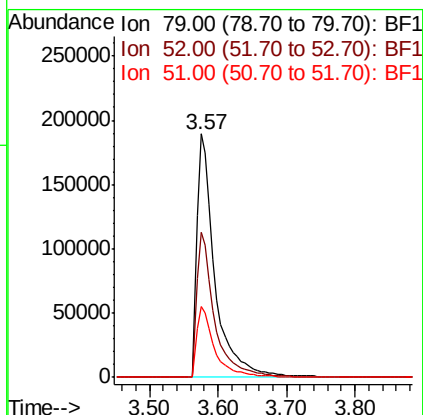
#3
Pvridine
Concen: 25.484 ng
RT: 3.57 min Scan# 253
Delta R.T. 0.11 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.7	47.8	71.6
51	29.3	23.8	35.8

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

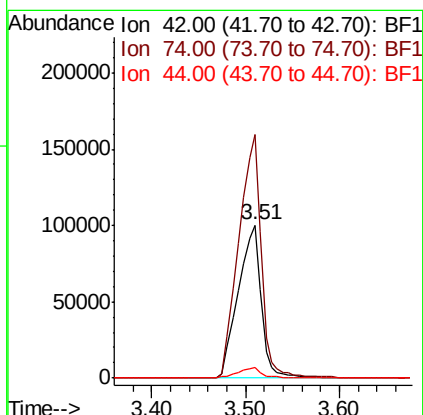
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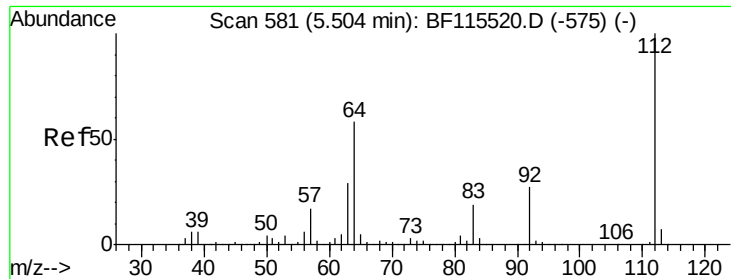
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#4
n-Nitrosodimethylamine
Concen: 34.737 ng
RT: 3.51 min Scan# 242
Delta R.T. 0.09 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	159.1	127.5	191.3
44	6.6	5.0	7.6





#5

2-Fluorophenol

Concen: 105.340 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.02 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

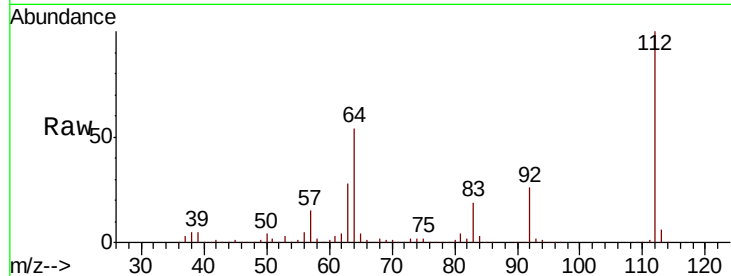
ClientSampleId :

OK-03-071019-AMSD

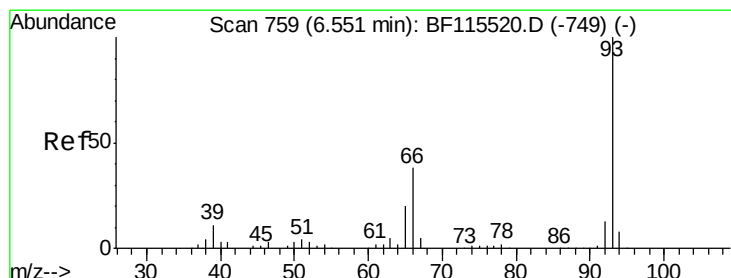
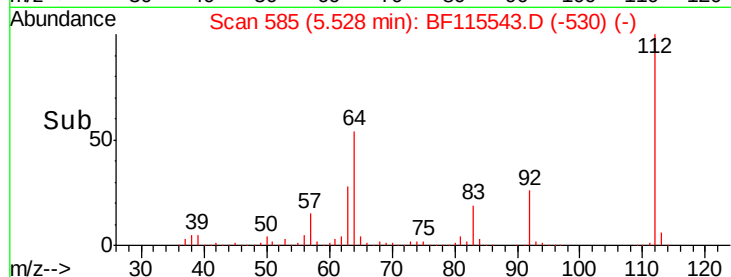
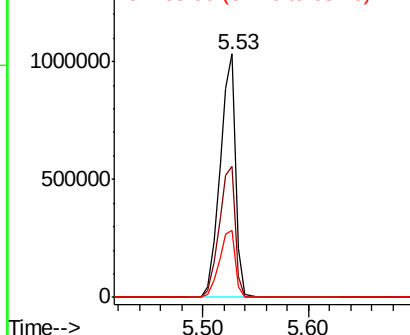
Tot Ion:	112	Resp:	1063664
Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.8	70.2
63	27.6	24.1	36.1

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.812 ng

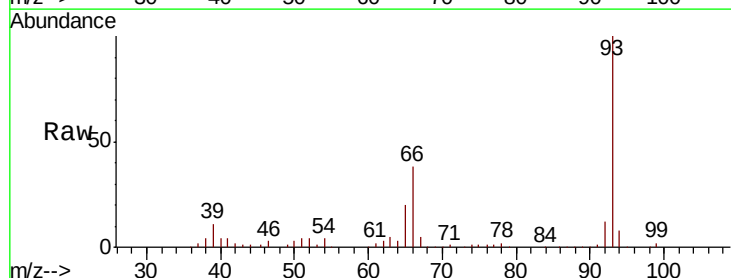
RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

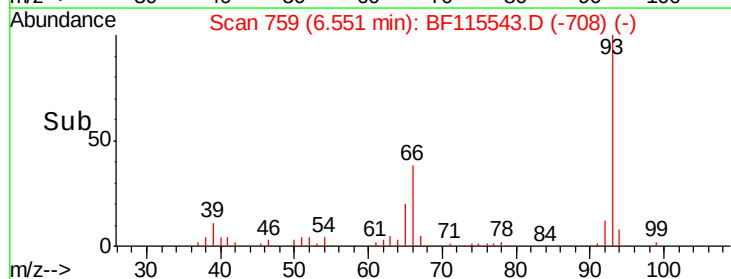
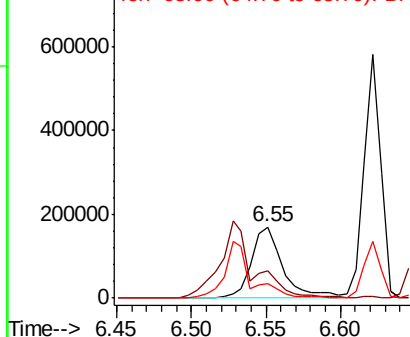
Lab File: BF115543.D

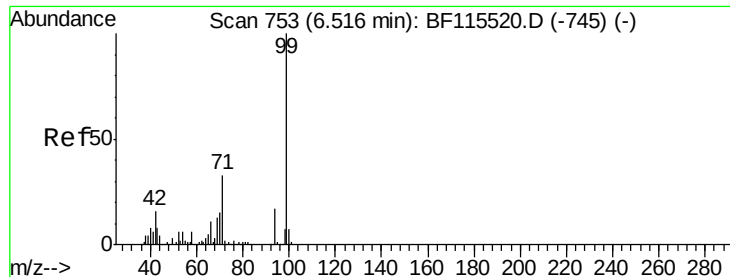
Acq: 12 Jul 2019 22:54

Tgt Ion:	93	Resp:	246272
Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.7	47.5
65	19.5	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: 96.224 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

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ClientSampleId :

OK-03-071019-AMSD

Tot Ion: 99 Resp: 1232876

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

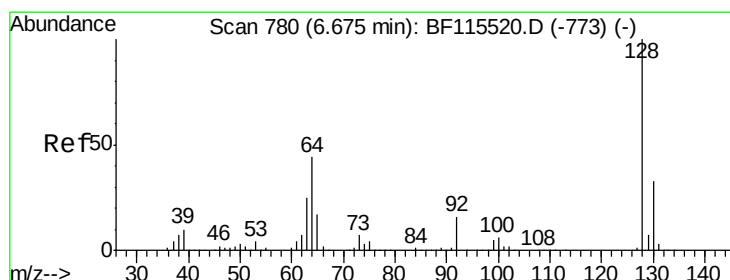
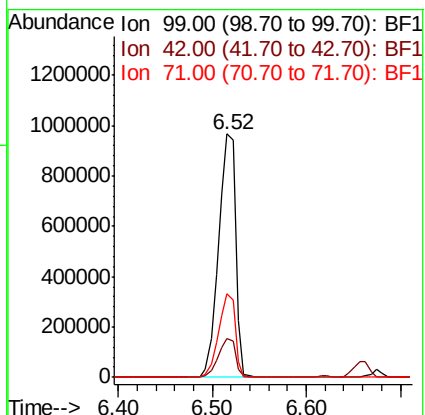
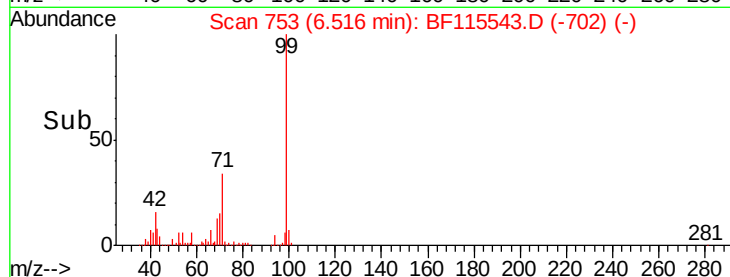
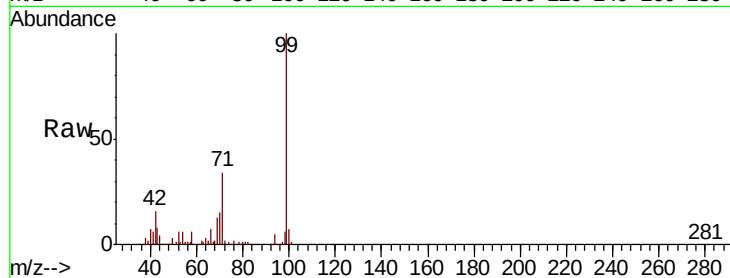
71 34.2 28.5 42.7

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#8

2-Chlorophenol

Concen: 39.283 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

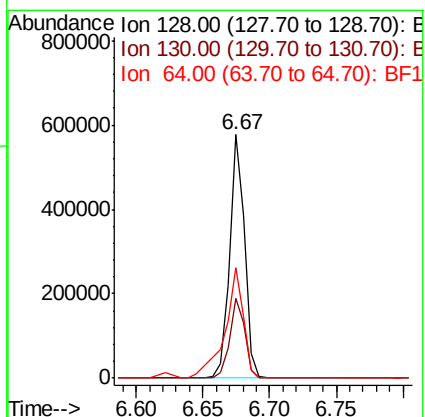
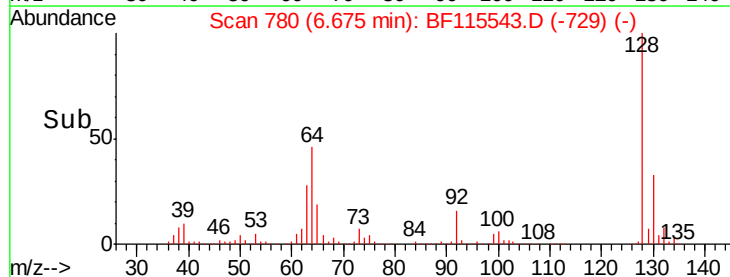
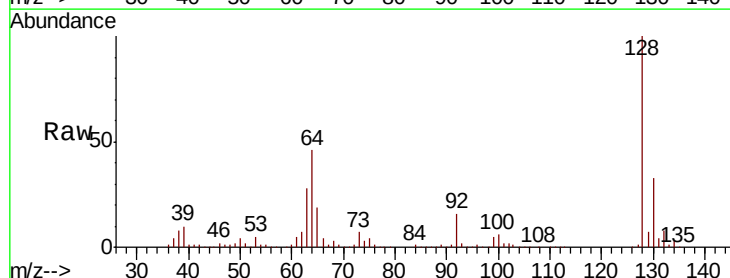
Tgt Ion: 128 Resp: 456042

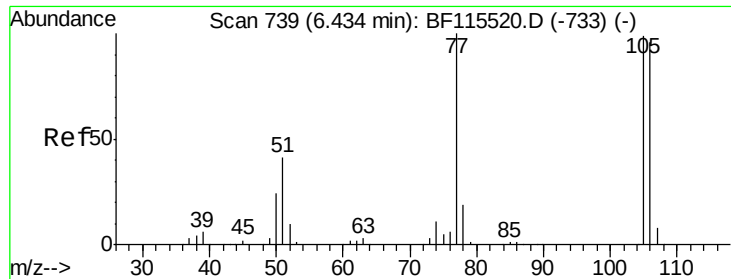
Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

64 45.6 26.8 66.8





#9

Benzaldehyde

Concen: 24.483 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

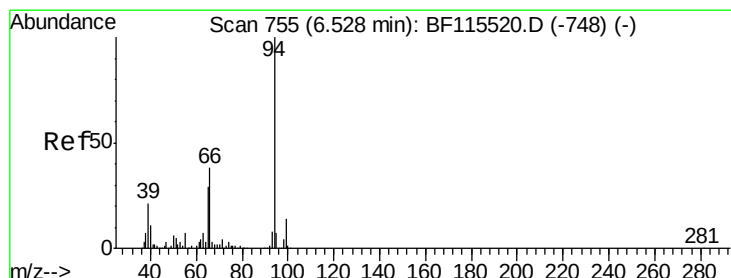
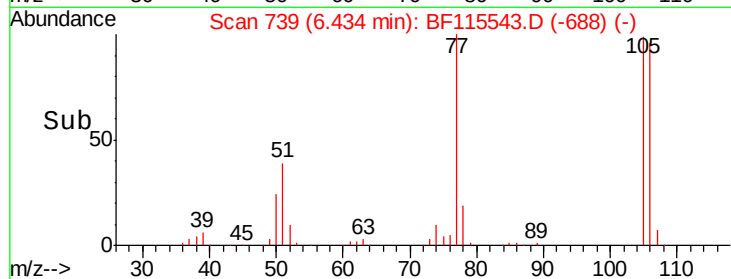
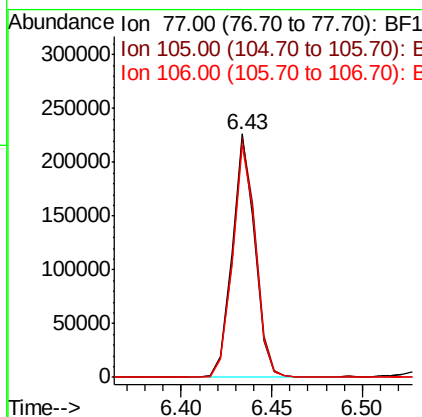
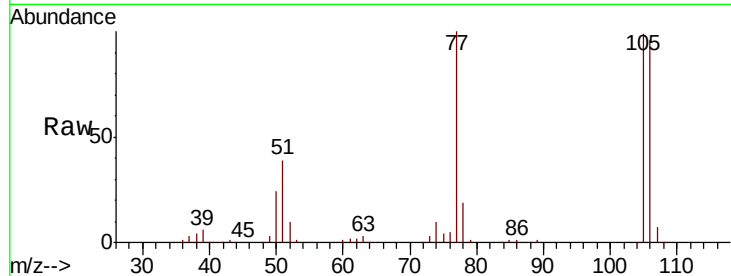
ClientSampleId :

OK-03-071019-AMSD

Tot Ion:	77	Resp:	196024
Ion	Ratio	Lower	Upper
77	100		
105	98.7	78.8	118.8
106	95.5	75.6	115.6

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#10

Phenol

Concen: 30.116 ng

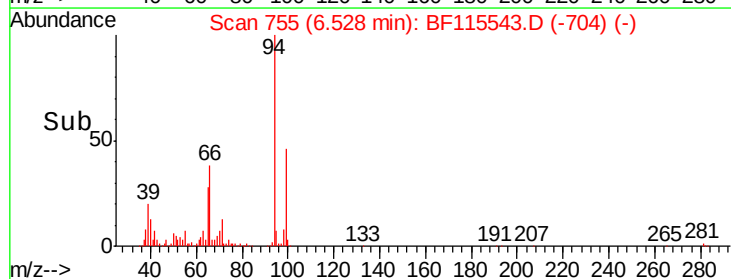
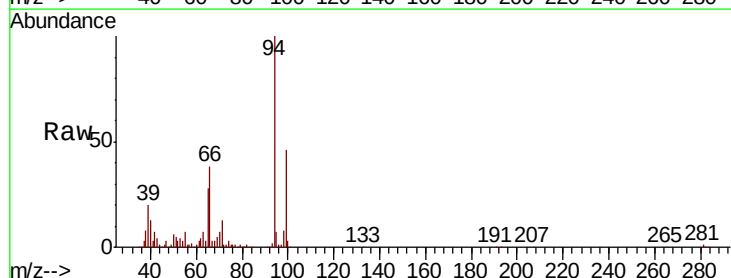
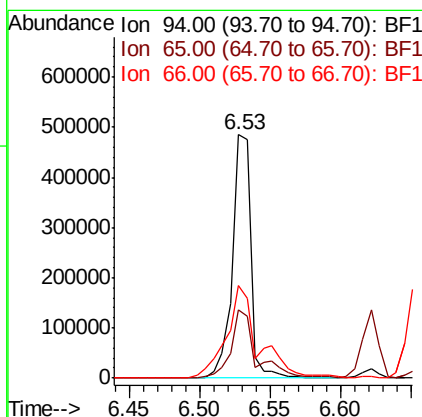
RT: 6.53 min Scan# 755

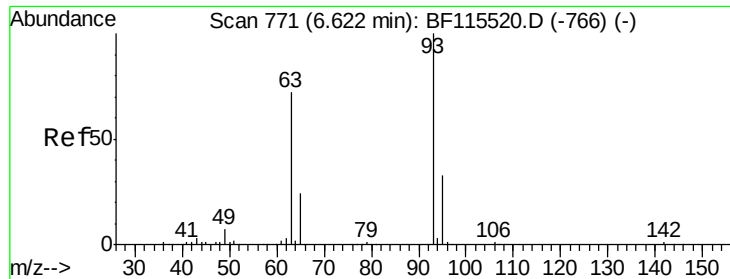
Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Tgt Ion:	94	Resp:	447935
Ion	Ratio	Lower	Upper
94	100		
65	28.2	14.5	54.5
66	37.9	31.3	71.3





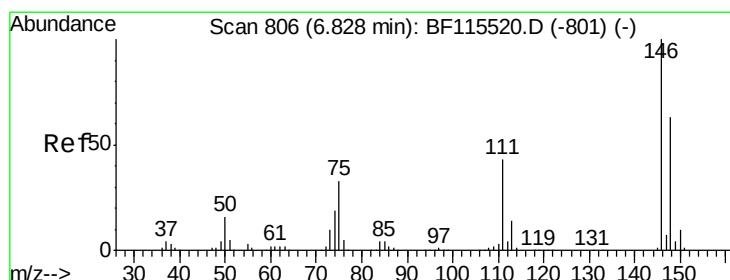
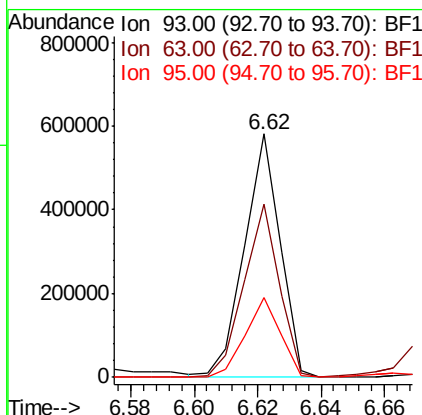
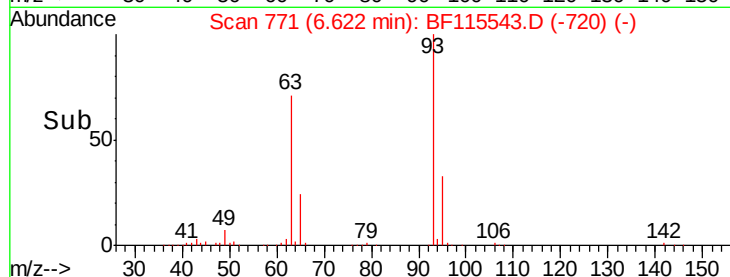
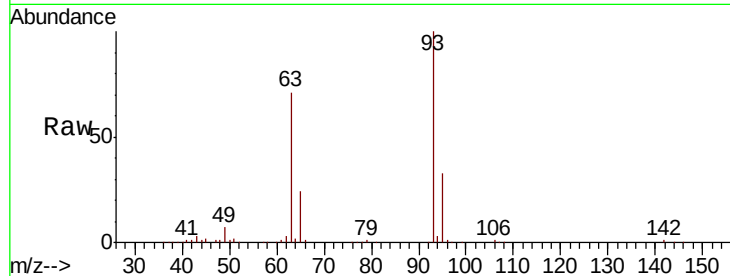
#11
bis(2-Chloroethyl)ether
Concen: 39.976 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	452688		
63	71.3	52.2	92.2	
95	33.0	12.9	52.9	

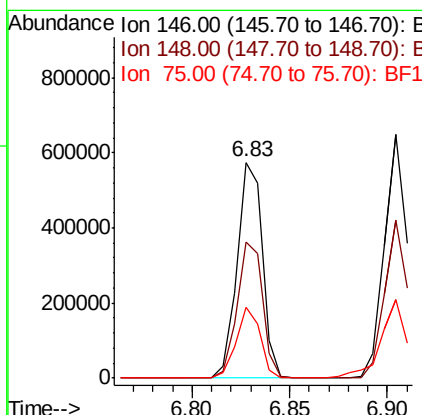
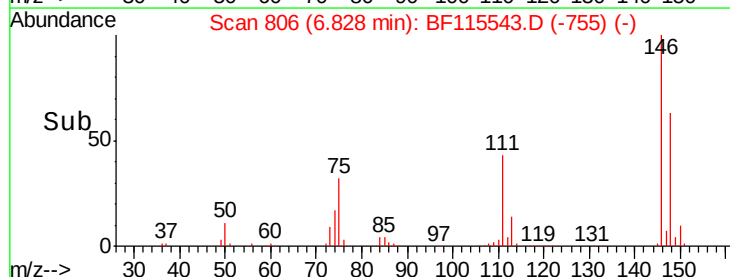
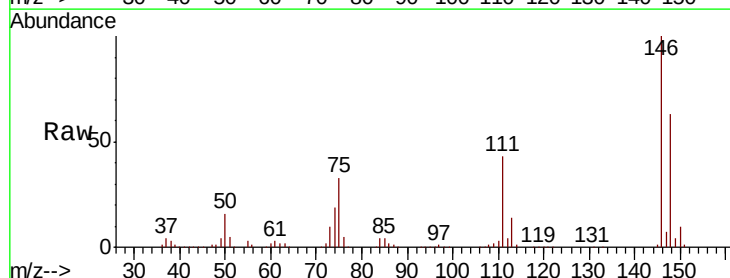
Manual Integrations
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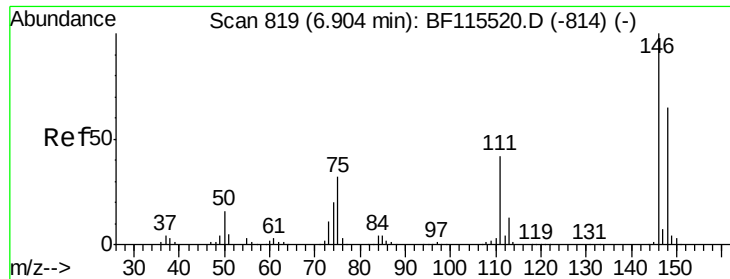
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.373 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	513919		
148	62.8	52.1	78.1	
75	32.6	24.9	37.3	





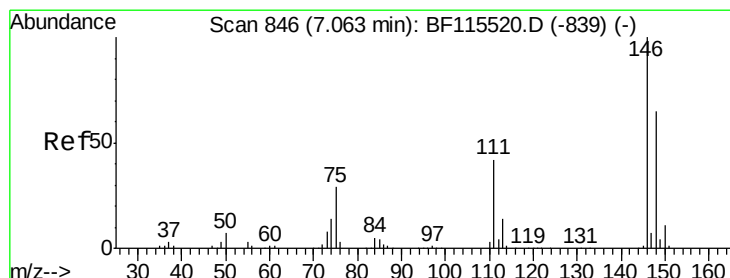
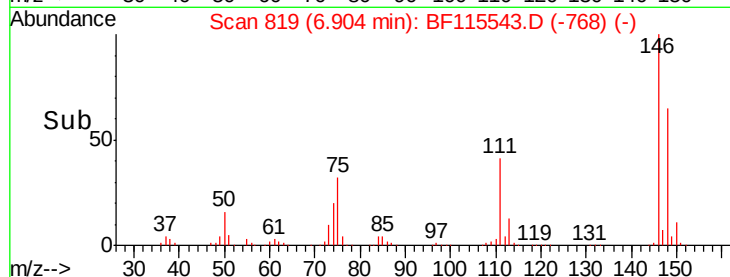
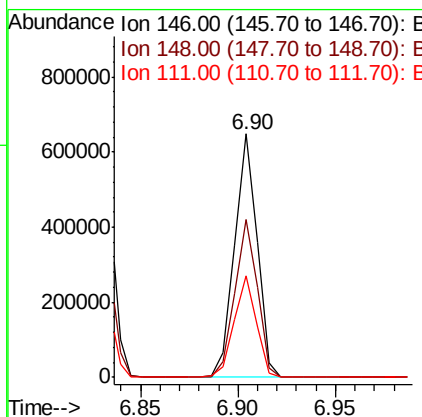
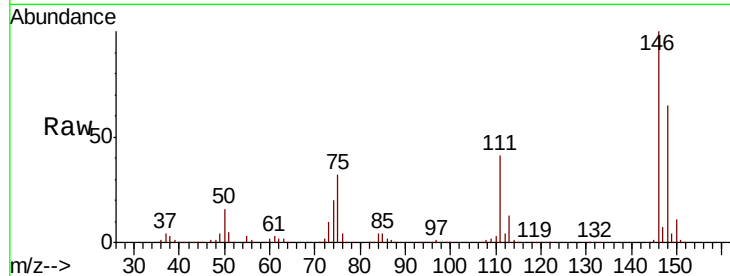
#13
 1,4-Dichlorobenzene
 Concen: 39.888 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071019-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
111	41.5	35.5	53.3

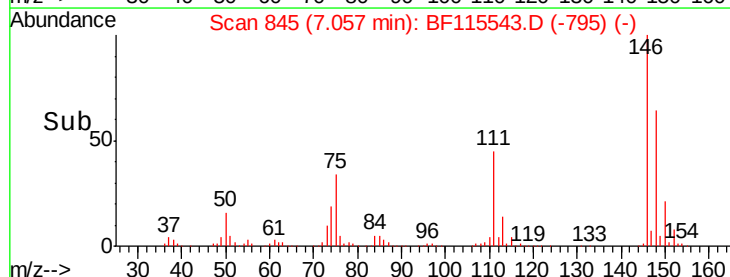
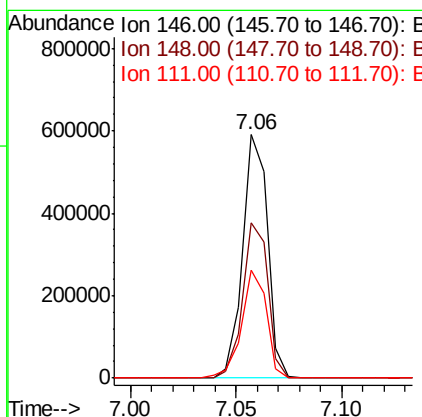
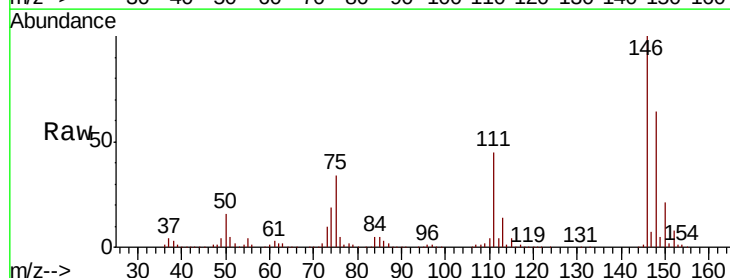
Manual Integrations
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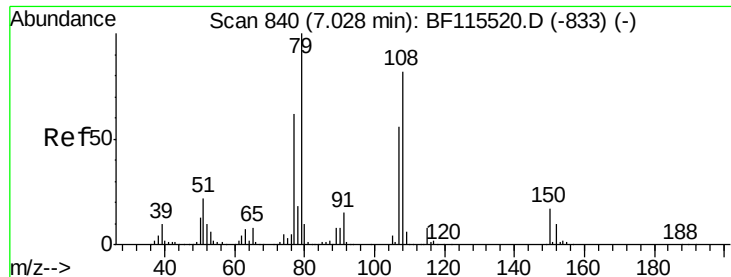
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.437 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	44.5	37.6	56.4





#15

Benzyl Alcohol

Concen: 40.699 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

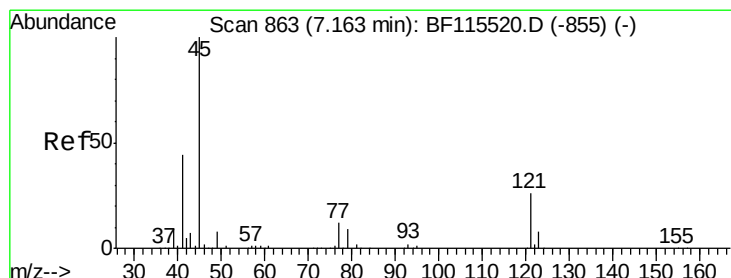
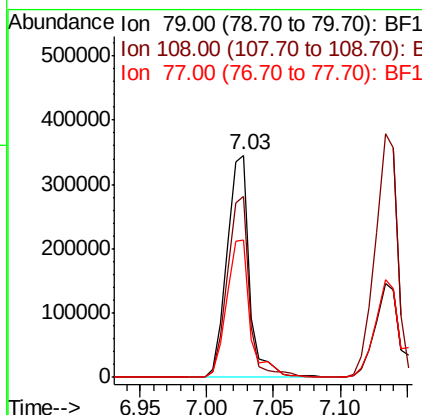
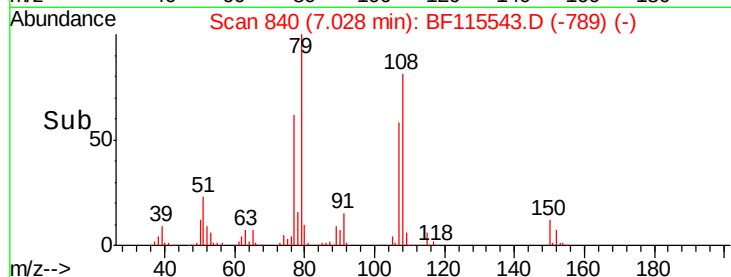
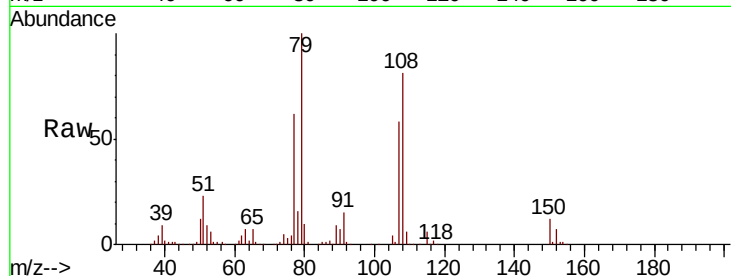
ClientSampleId :

OK-03-071019-AMSD

Tot Ion:	79	Resp:	413665
Ion	Ratio	Lower	Upper
79	100		
108	81.4	64.2	96.4
77	62.0	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.133 ng

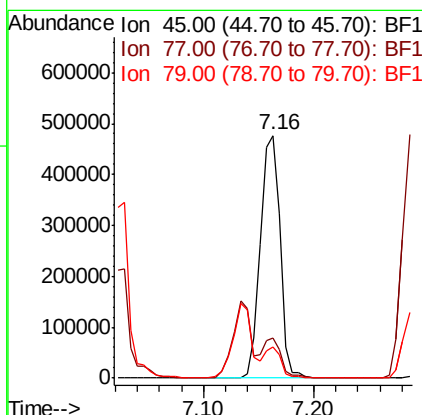
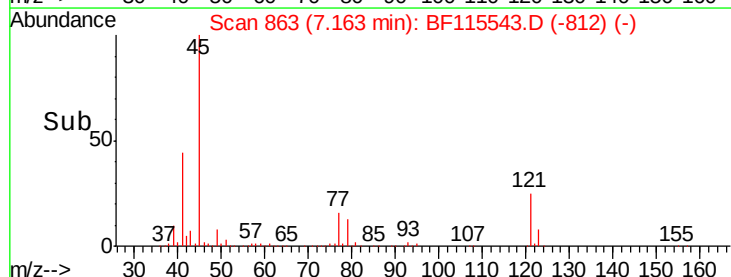
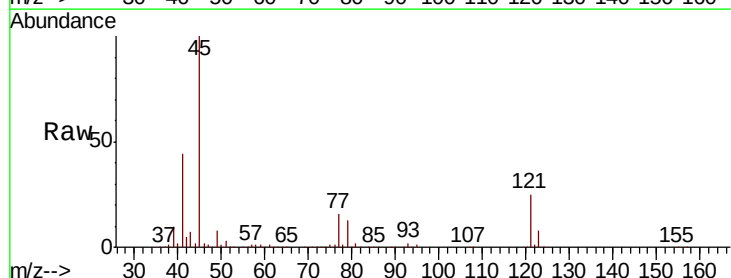
RT: 7.16 min Scan# 863

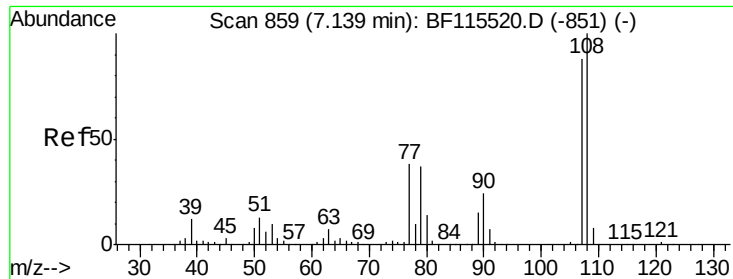
Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Tgt Ion:	45	Resp:	598315
Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	38.1
79	12.8	0.0	34.1





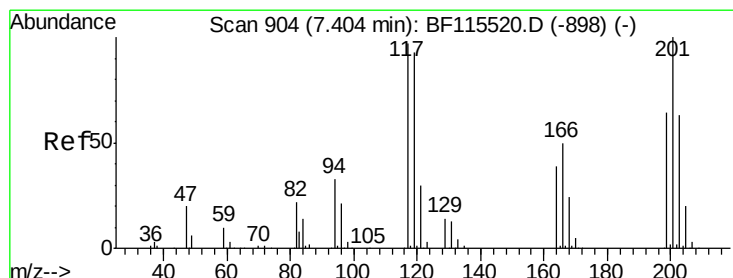
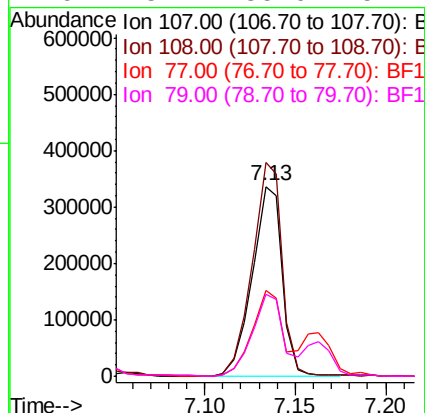
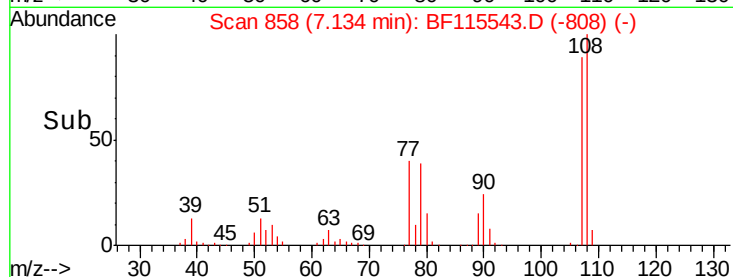
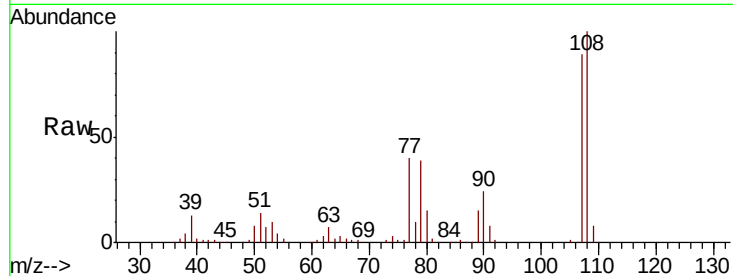
#17
2-Methylphenol
Concen: 38.371 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion:	107	Resp:	383894
Ion Ratio	Lower	Upper	
107	100		
108	112.4	89.4	134.2
77	45.2	35.7	53.5
79	43.4	35.0	52.4

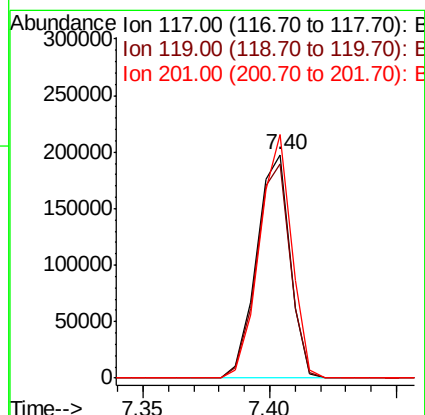
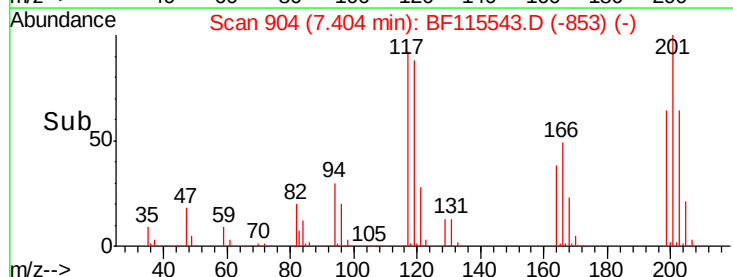
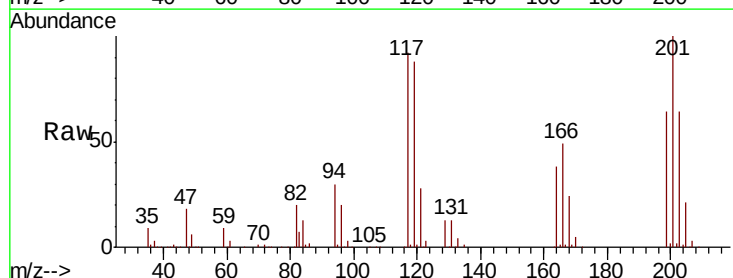
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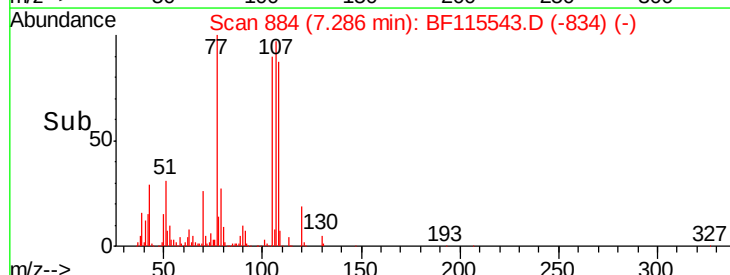
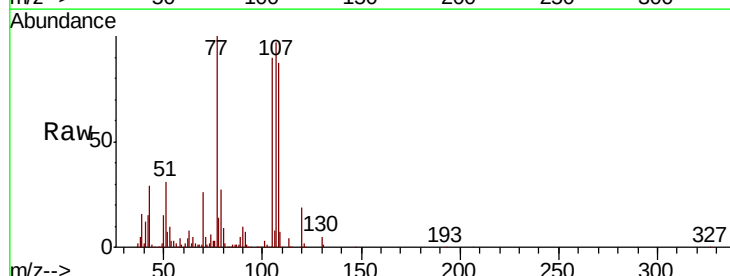
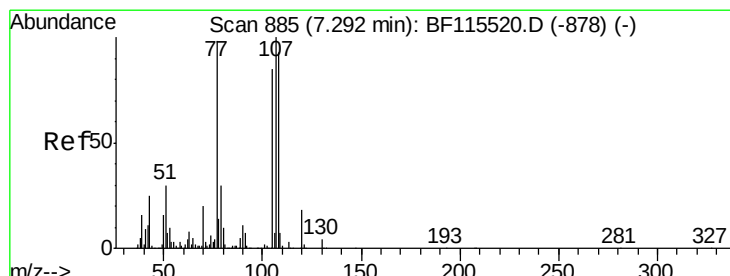
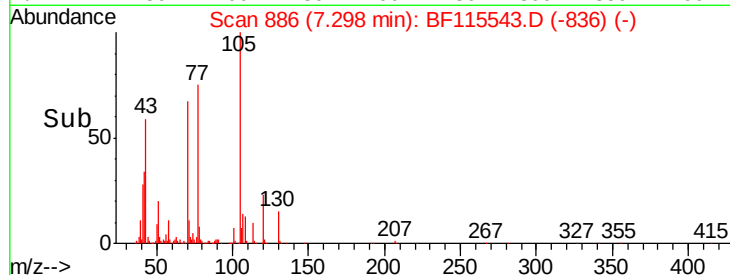
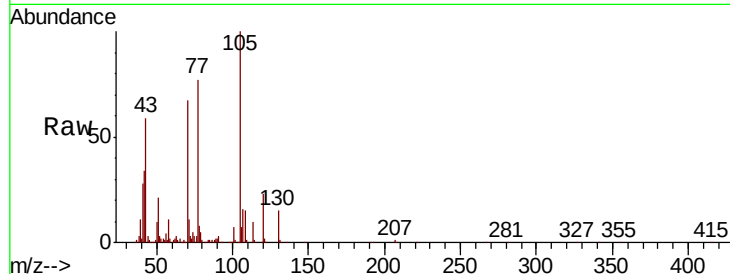
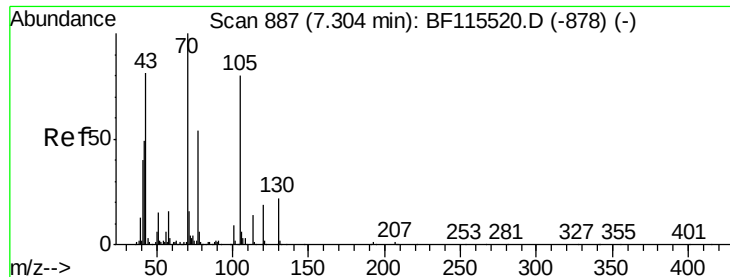
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#18
Hexachloroethane
Concen: 37.679 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:	117	Resp:	182133
Ion Ratio	Lower	Upper	
117	100		
119	95.5	77.7	116.5
201	108.8	86.0	129.0





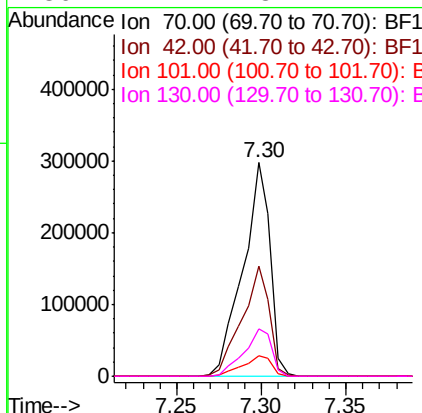
#19
n-Nitroso-di-n-propylamine
Concen: 40.012 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.7	39.6	59.4	
101	9.8	8.1	12.1	
130	22.1	18.2	27.2	

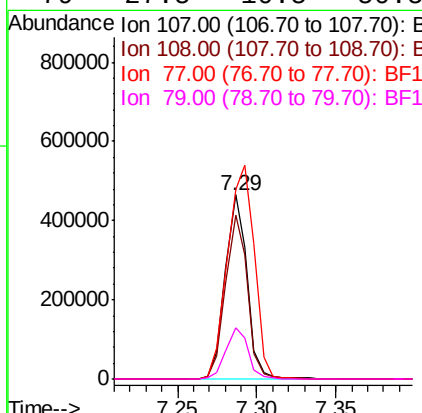
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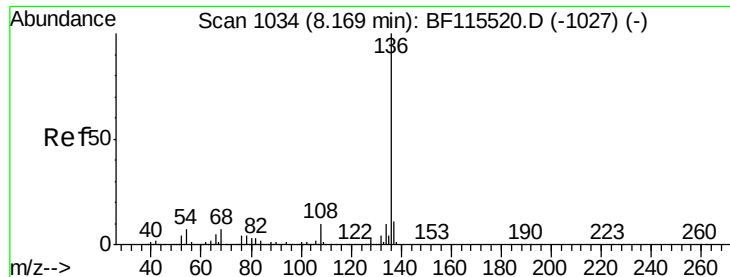
mohammad
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#20
3+4-Methylphenols
Concen: 37.227 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	72.9	112.9	
77	102.9	77.6	117.6	
79	27.5	10.5	50.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

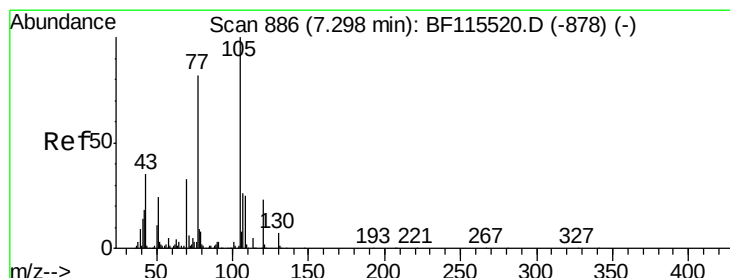
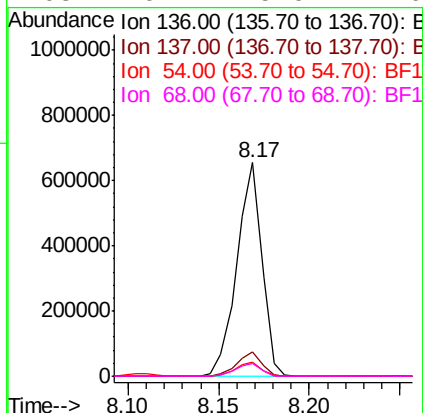
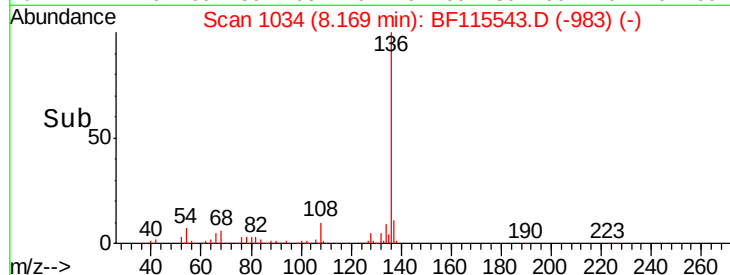
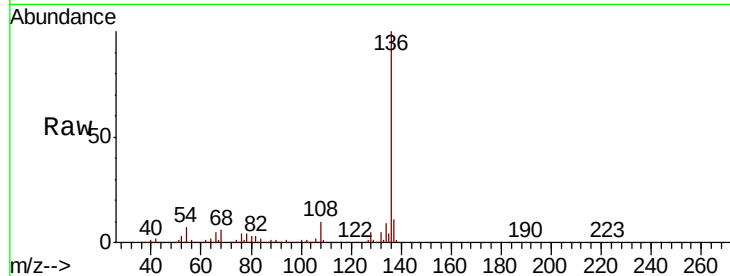
ClientSampleId :

OK-03-071019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	629961		
137	11.1		9.0	13.4
54	6.6		5.6	8.4
68	6.2		5.0	7.6

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#22

Acetophenone

Concen: 46.325 ng

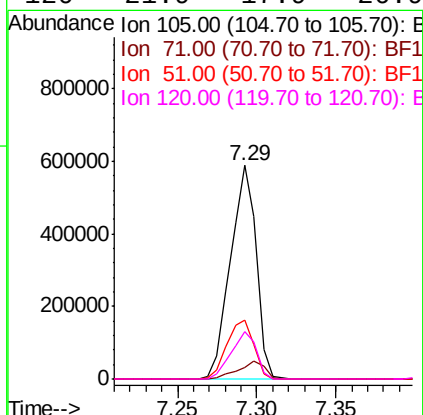
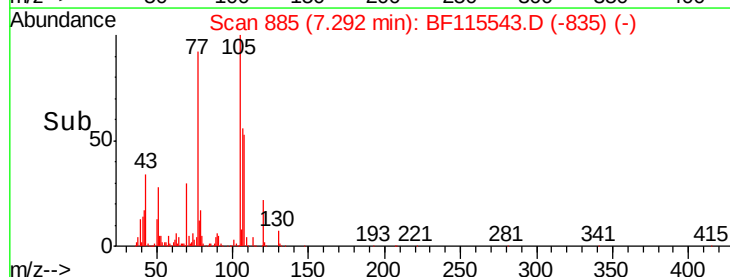
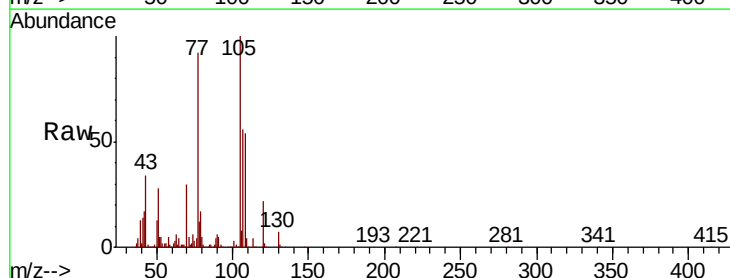
RT: 7.29 min Scan# 885

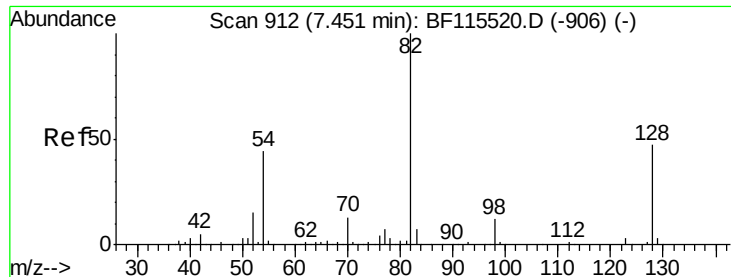
Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	659280		
71	5.2		3.5	5.3
51	27.6		25.6	38.4
120	21.9		17.9	26.9





#23

Nitrobenzene-d5

Concen: 94.382 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-AMSD

Tot Ion: 82 Resp: 1022538

Ion Ratio Lower Upper

82 100

128 45.8 38.6 57.8

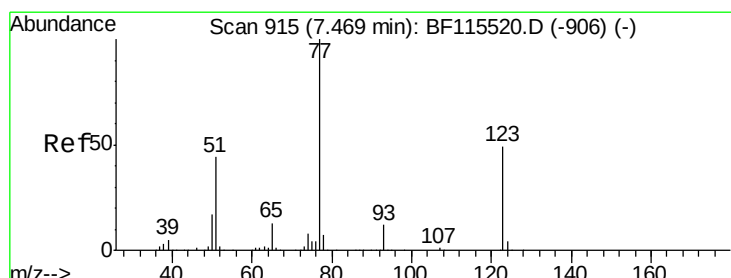
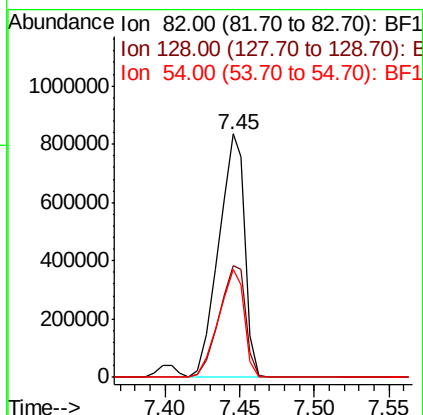
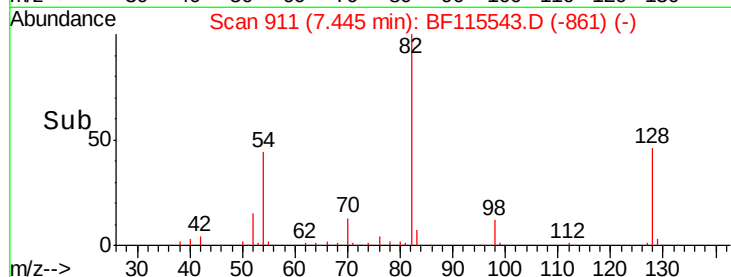
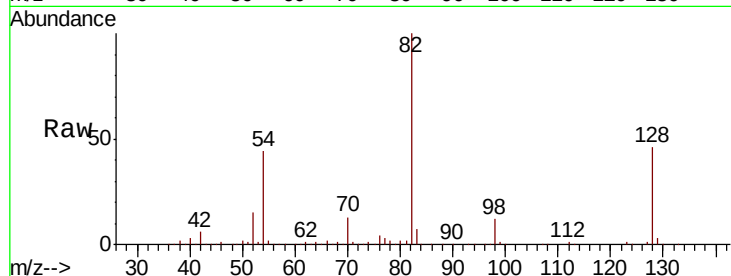
54 44.2 35.6 53.4

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#24

Nitrobenzene

Concen: 44.135 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

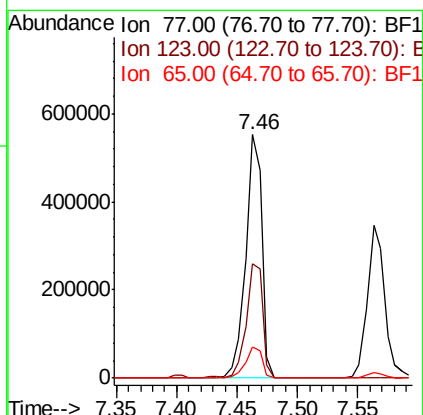
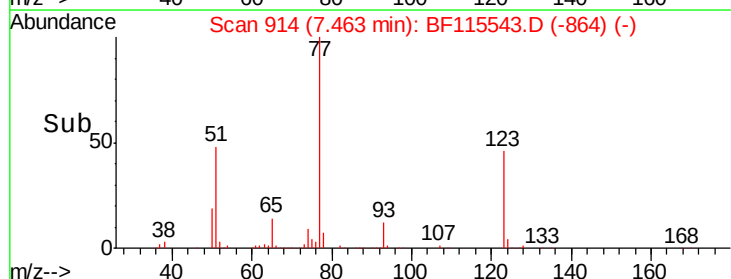
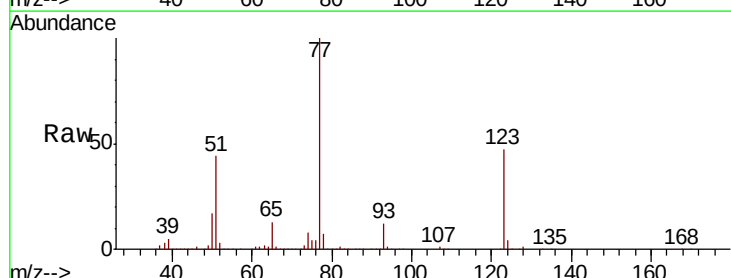
Tgt Ion: 77 Resp: 515739

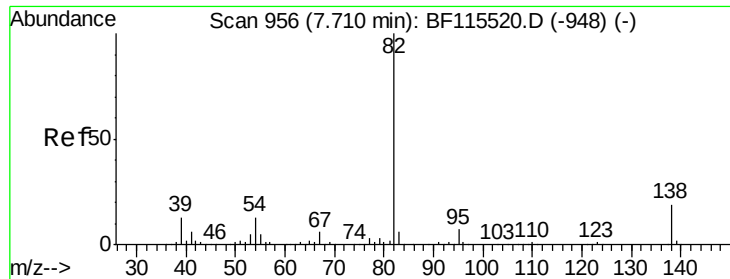
Ion Ratio Lower Upper

77 100

123 46.8 40.0 60.0

65 13.0 11.0 16.4





#25

Isophorone

Concen: 43.340 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

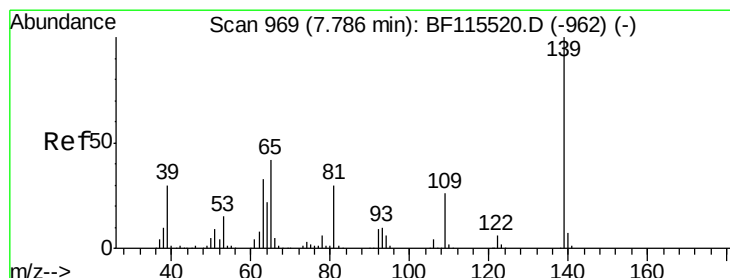
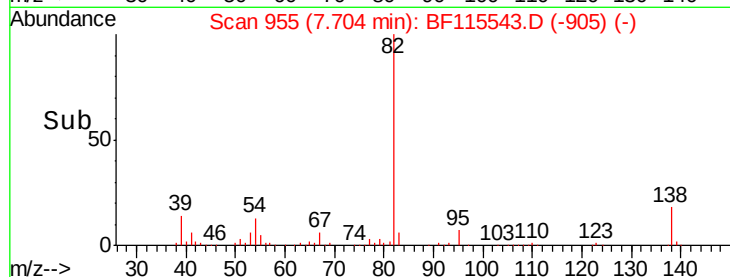
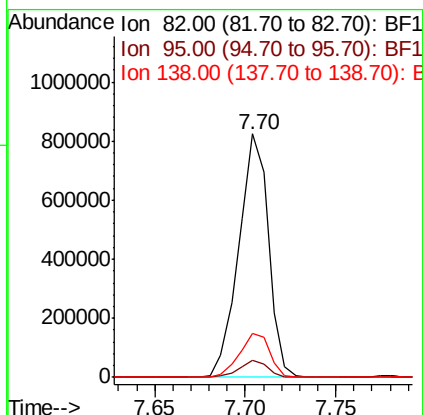
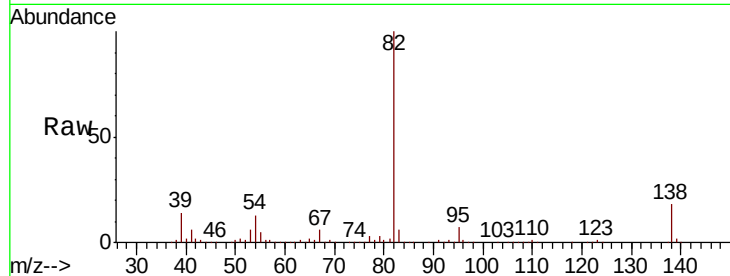
ClientSampleId :

OK-03-071019-AMSD

Tot Ion:	82	Resp:	939565
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	18.2	14.9	22.3

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#26

2-Nitrophenol

Concen: 42.256 ng

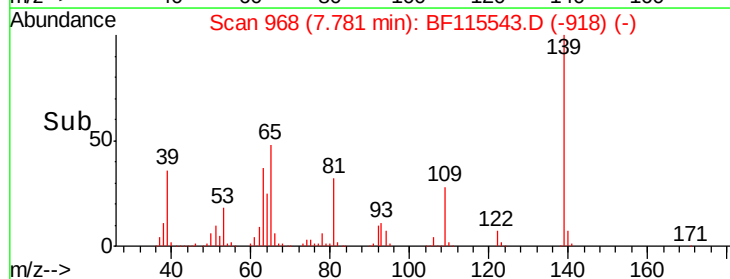
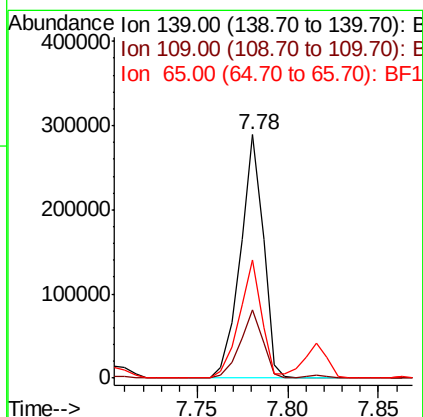
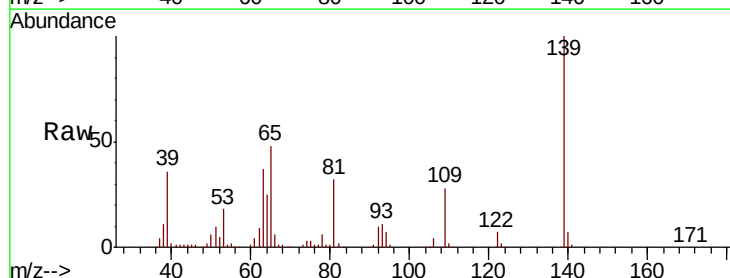
RT: 7.78 min Scan# 968

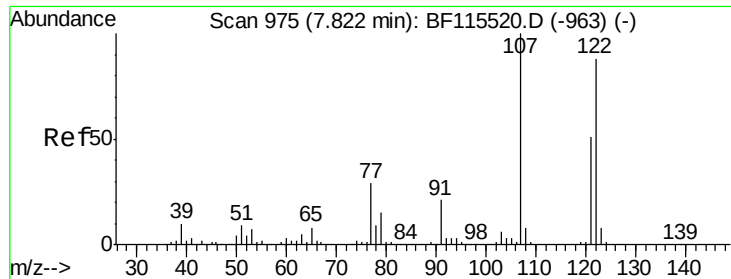
Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Tgt Ion:	139	Resp:	254154
Ion Ratio	Lower	Upper	
139	100		
109	27.9	23.3	34.9
65	48.4	37.9	56.9





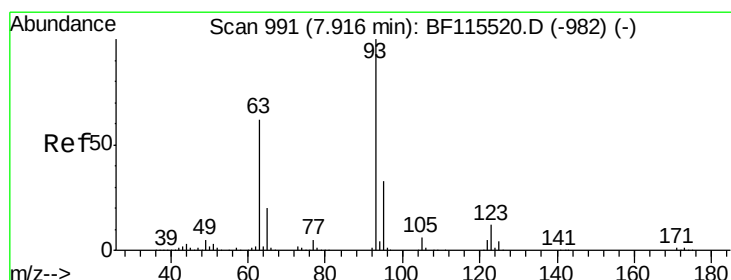
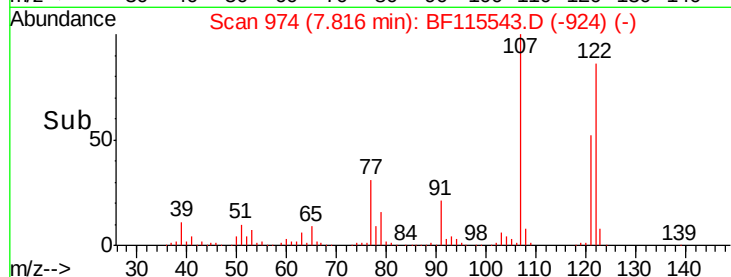
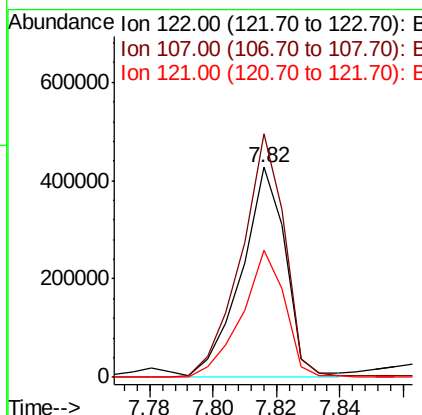
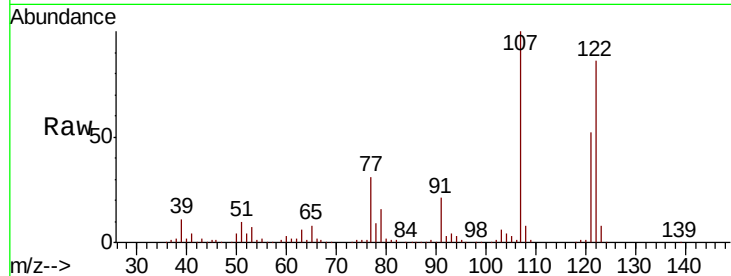
#27
2,4-Dimethylphenol
Concen: 45.815 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	412304		
107	116.0	92.9	139.3	
121	60.5	46.9	70.3	

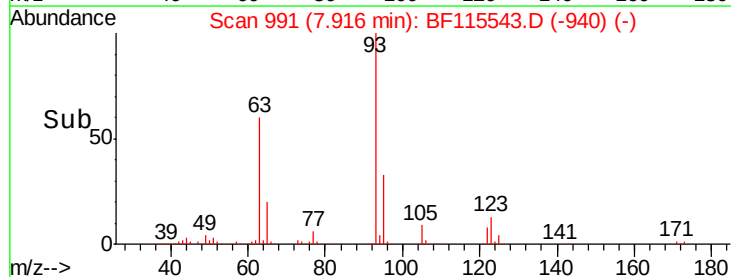
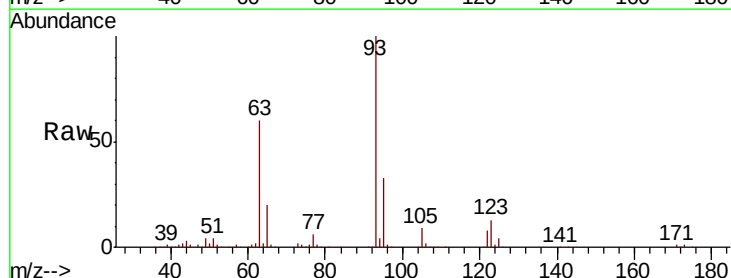
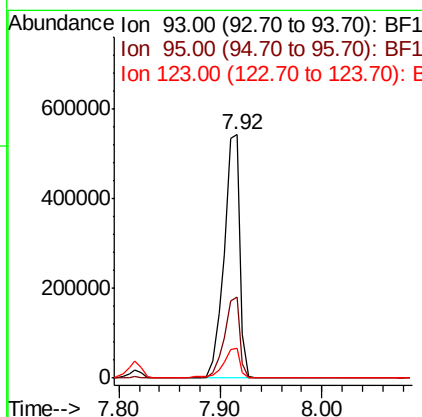
Manual Integrations
APPROVED

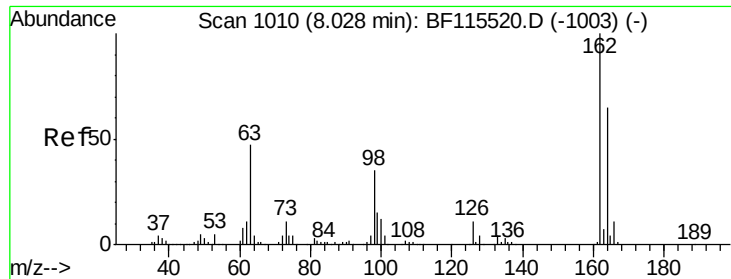
mohammad
7/15/2019 2:57:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.804 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	582579		
95	33.2	27.0	40.4	
123	12.5	9.9	14.9	





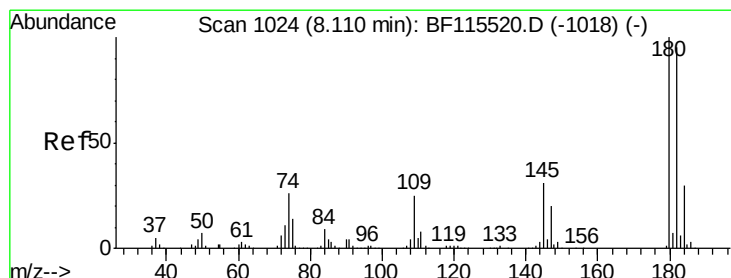
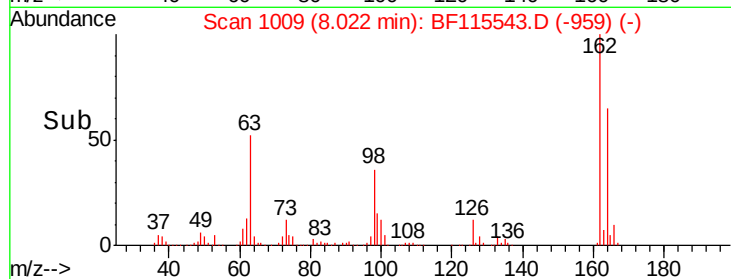
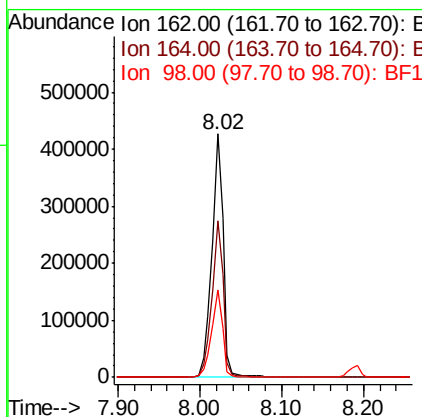
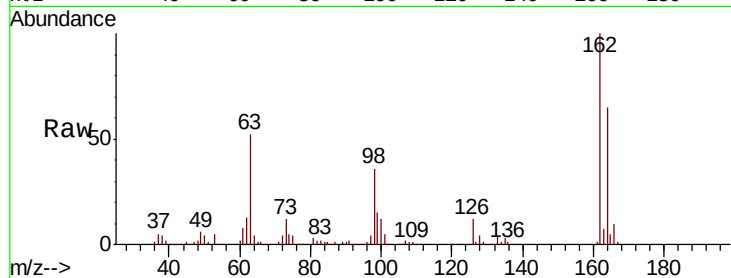
#29
 2,4-Dichlorophenol
 Concen: 43.895 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071019-AMSD

Tot Ion:	162	Resp:	410832
Ion Ratio	Lower	Upper	
162	100		
164	64.5	44.9	84.9
98	36.0	17.7	57.7

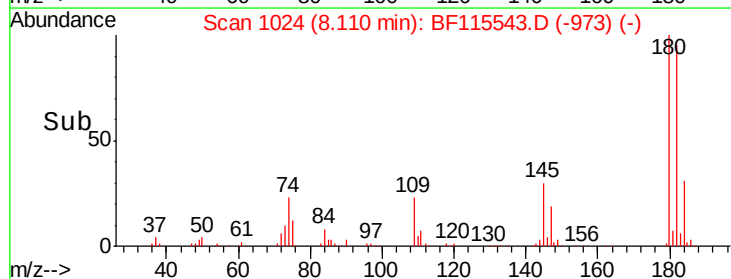
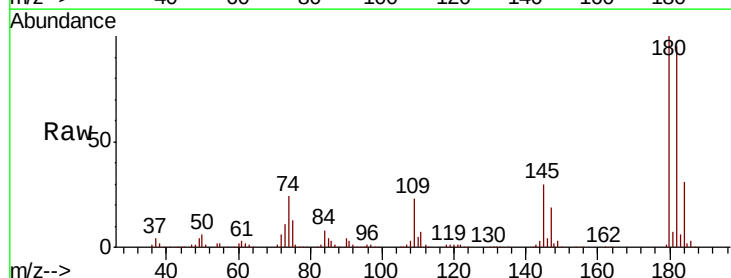
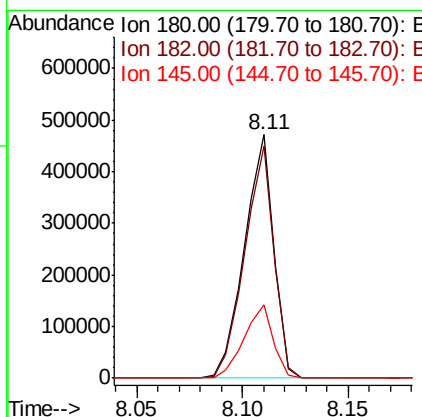
Manual Integrations
 APPROVED

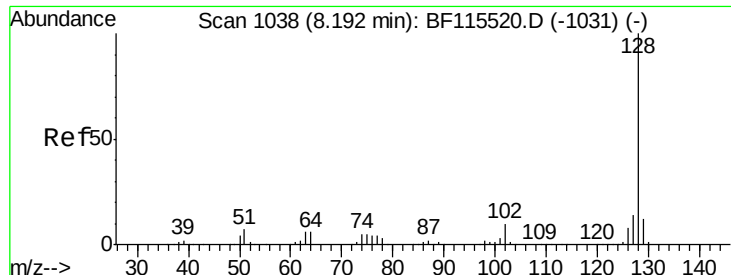
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.817 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion:	180	Resp:	452981
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.0	112.6
145	30.1	25.1	37.7





#31

Naphthalene

Concen: 44.745 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-AMSD

Tot Ion:128 Resp: 1365129

Ion Ratio Lower Upper

128 100

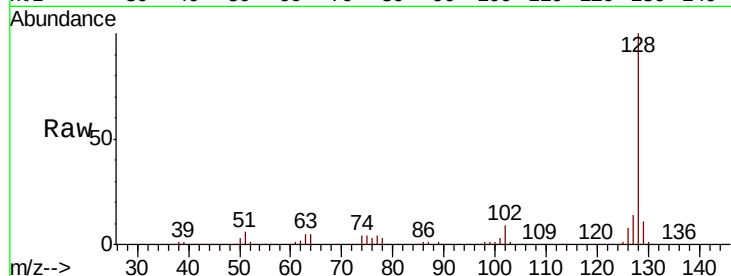
129 11.3 9.9 14.9

127 13.8 12.1 18.1

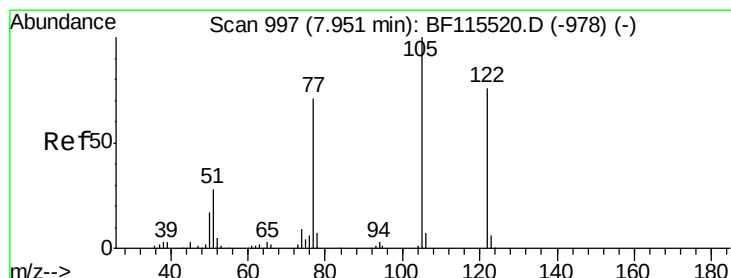
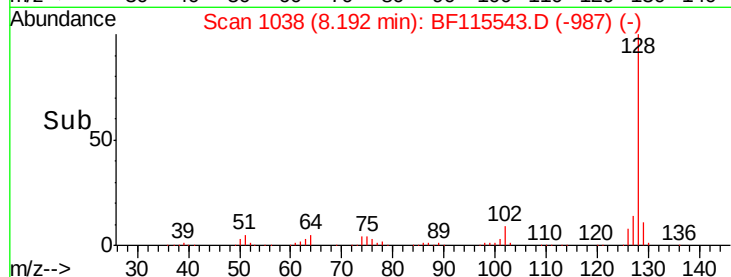
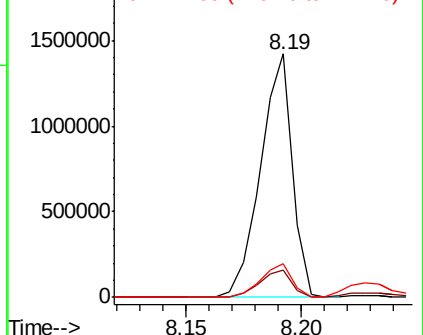
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.913 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.04 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

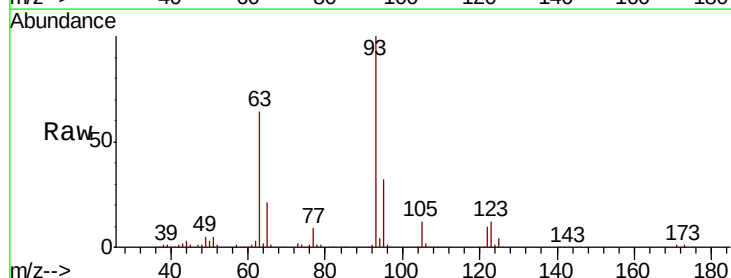
Tgt Ion:122 Resp: 154451

Ion Ratio Lower Upper

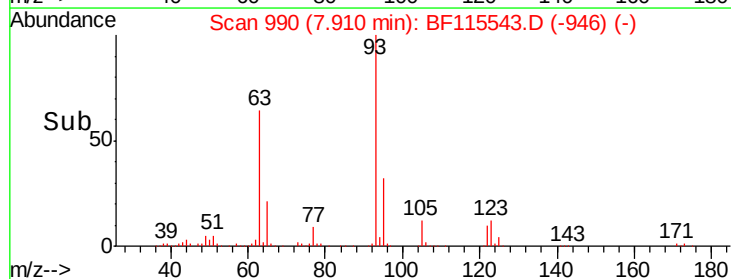
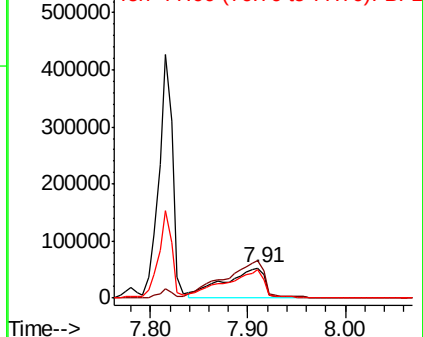
122 100

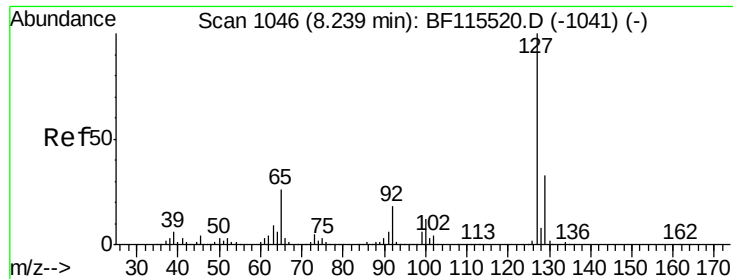
105 125.0 102.5 142.5

77 93.8 70.2 110.2



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





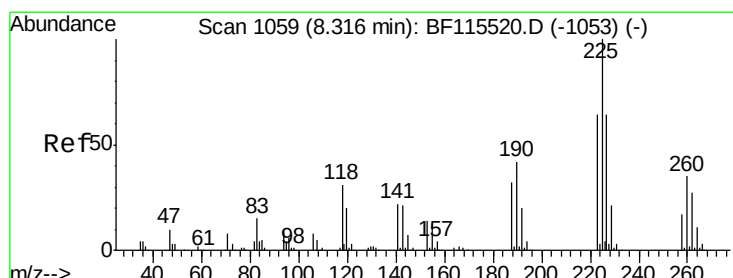
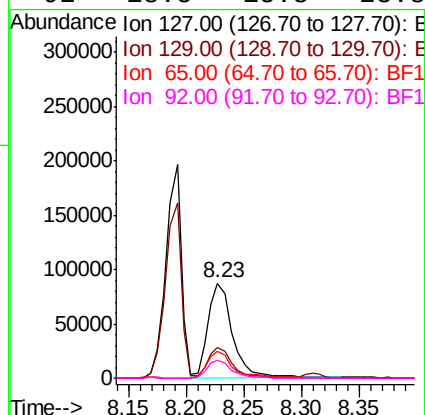
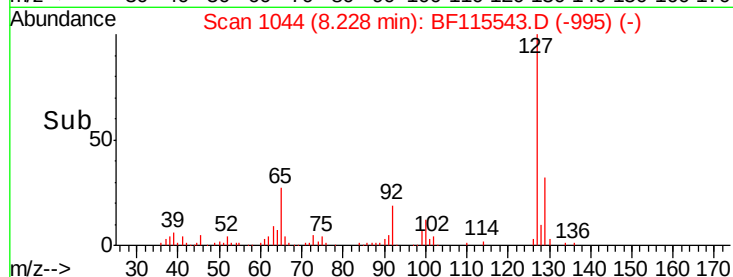
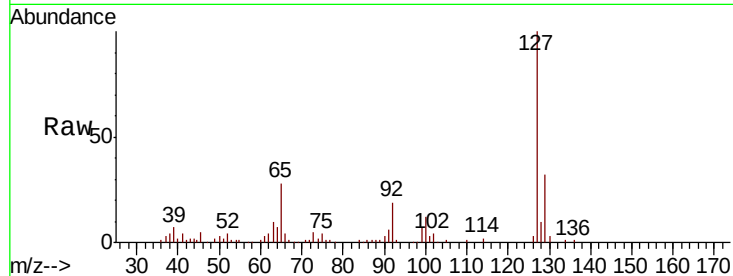
#33
4-Chloroaniline
Concen: 9.660 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.6	39.8		
65	28.0	23.7	35.5		
92	18.5	15.8	23.8		

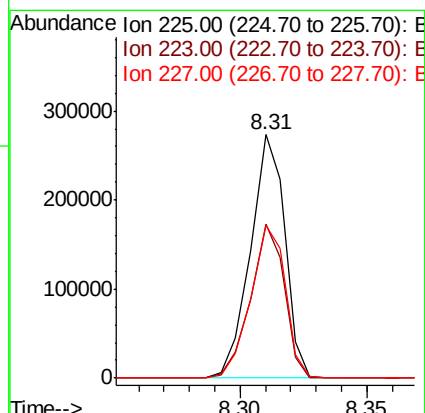
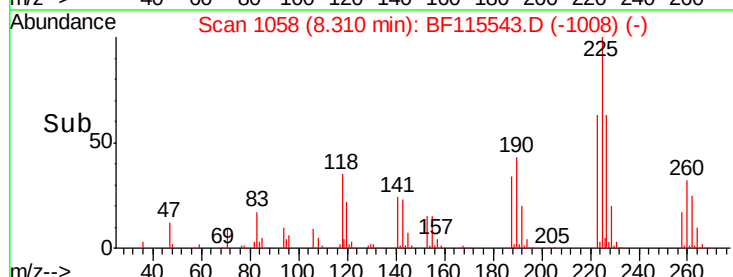
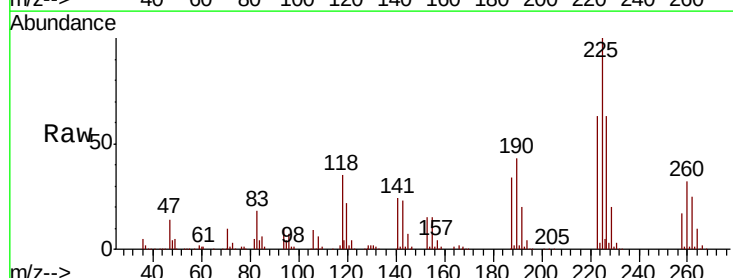
Manual Integrations
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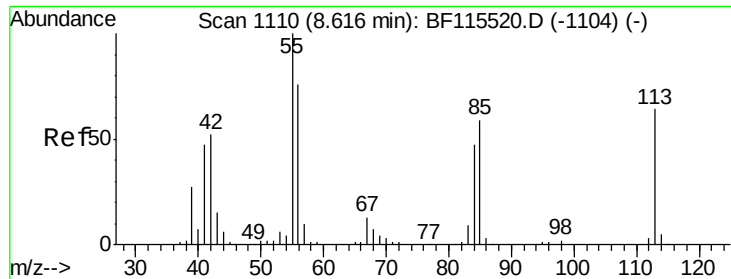
mohammad
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#34
Hexachlorobutadiene
Concen: 42.624 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.9	76.3		
227	62.7	50.7	76.1		





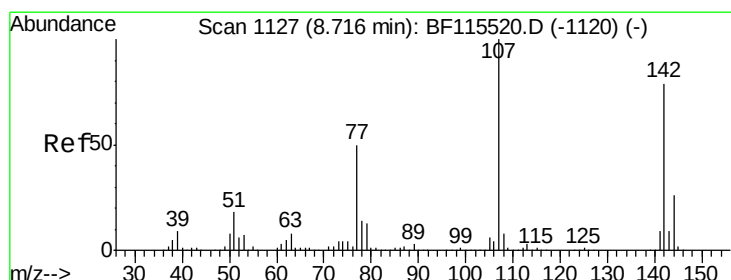
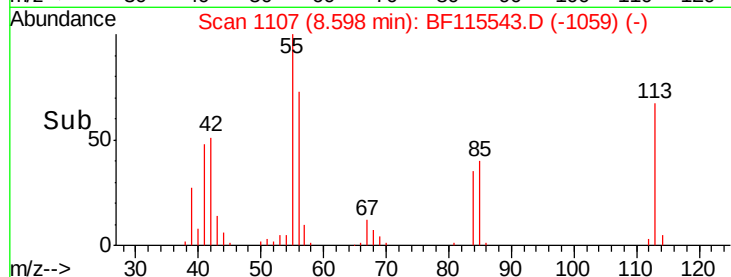
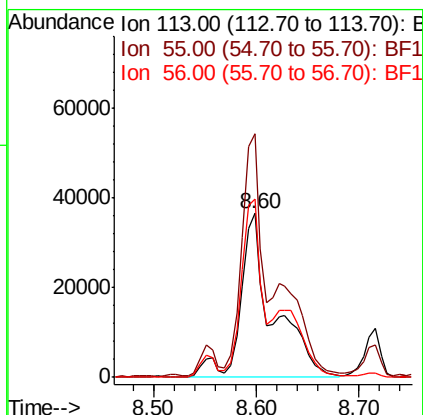
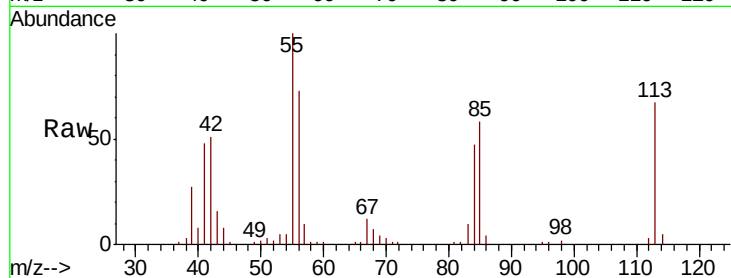
#35
Caprolactam
Concen: 28.140 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.4	126.9	166.9
56	108.8	90.3	130.3

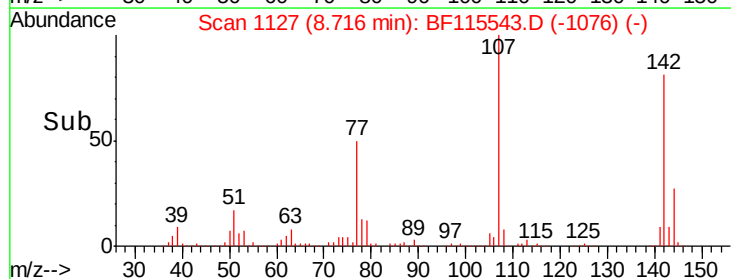
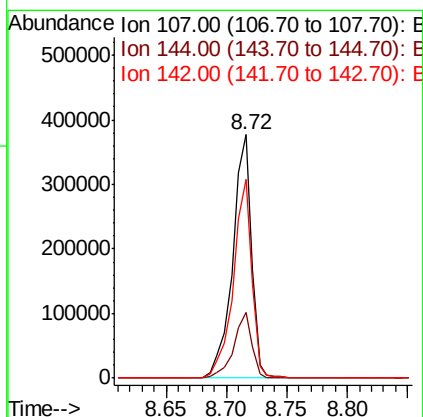
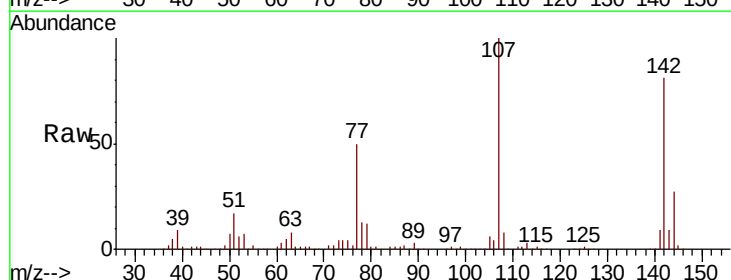
Manual Integrations
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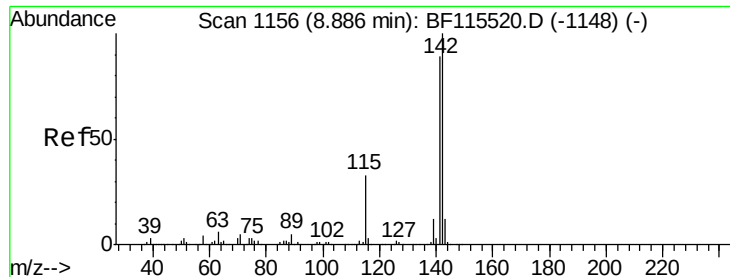
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 42.601 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.6	30.8
142	81.5	63.1	94.7





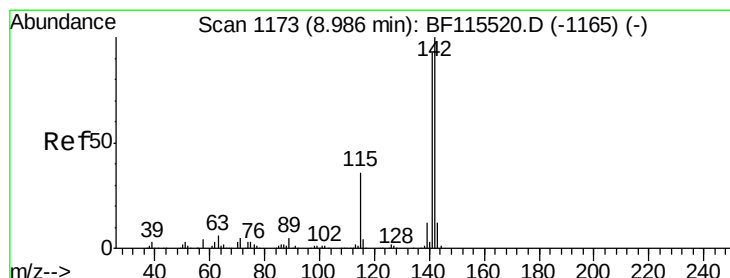
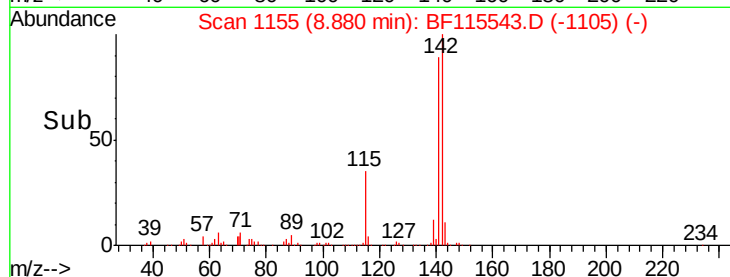
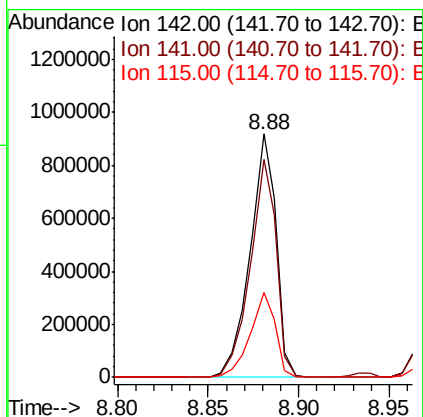
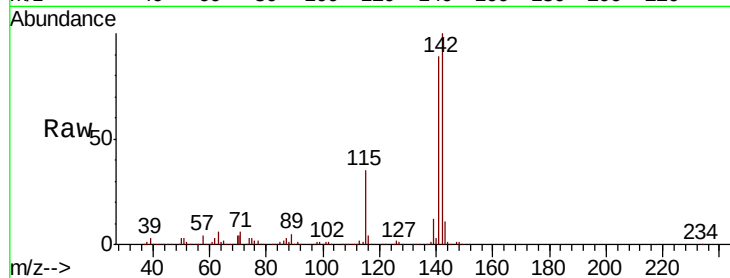
#37
2-Methylnaphthalene
Concen: 45.299 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.0	108.0
115	34.9	29.9	44.9

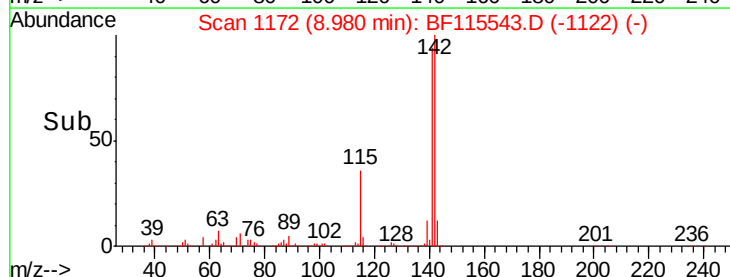
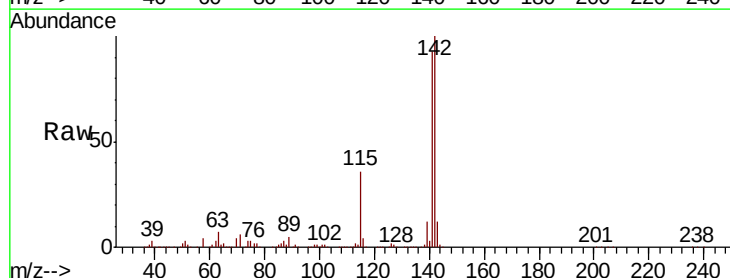
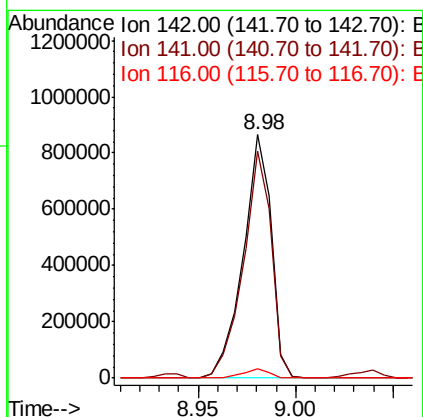
Manual Integrations
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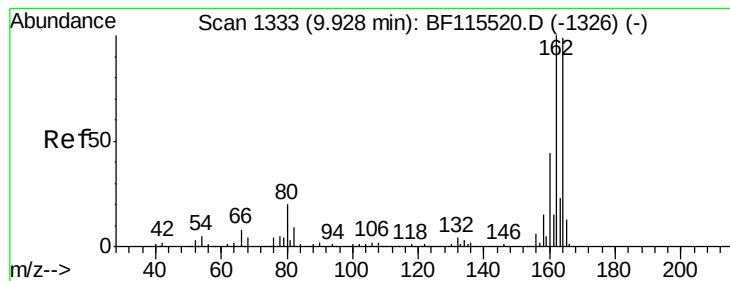
mohammad
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#38
1-Methylnaphthalene
Concen: 44.827 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.3	112.9
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

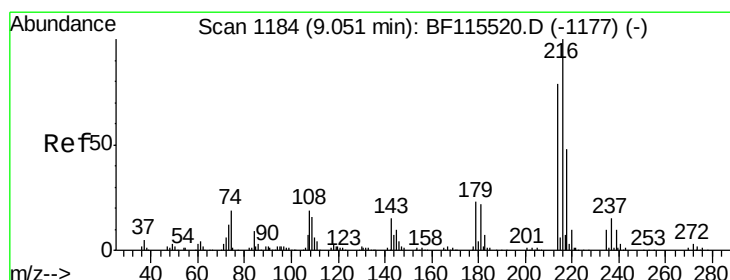
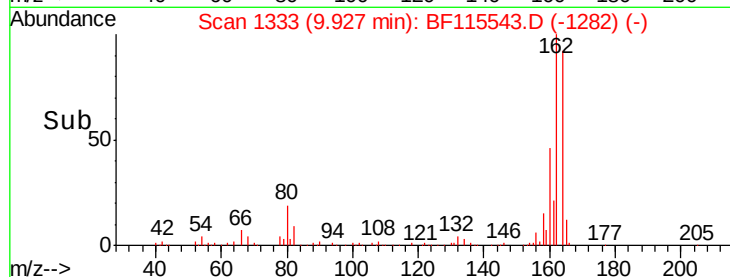
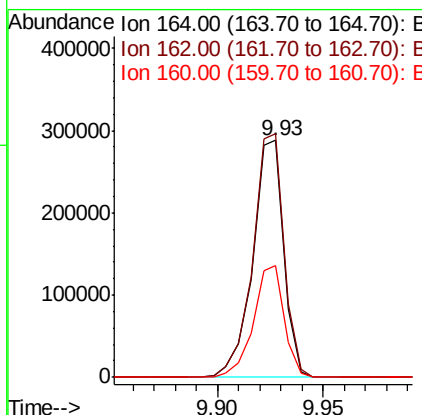
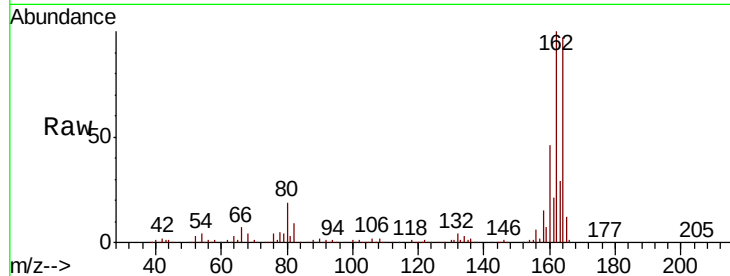
ClientSampleId :

OK-03-071019-AMSD

Tot Ion:	164	Resp:	295017
Ion Ratio	Lower	Upper	
164	100		
162	102.8	82.9	124.3
160	47.4	36.8	55.2

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.062 ng

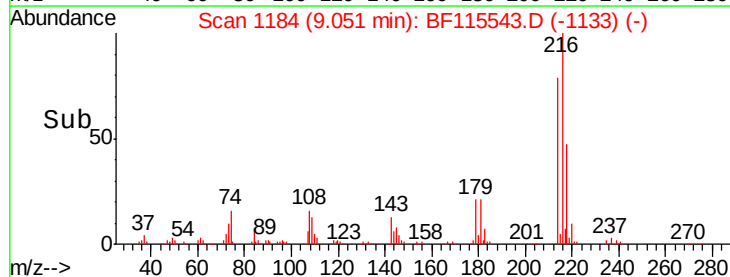
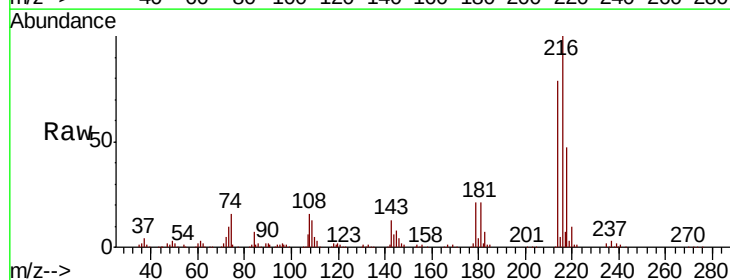
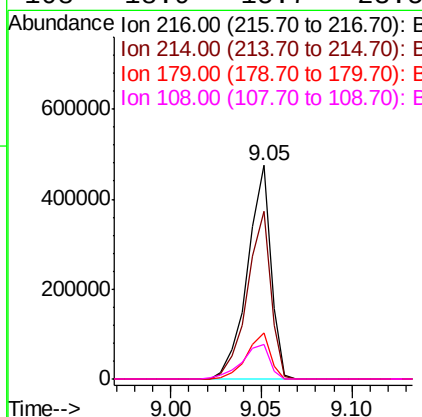
RT: 9.05 min Scan# 1184

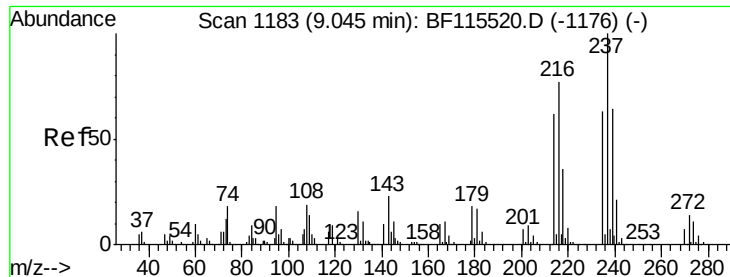
Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Tgt Ion:	216	Resp:	426983
Ion Ratio	Lower	Upper	
216	100		
214	79.3	65.1	97.7
179	21.8	18.3	27.5
108	18.9	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 44.258 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

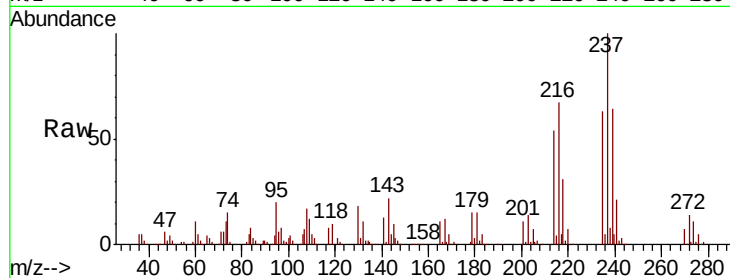
ClientSampleId :

OK-03-071019-AMSD

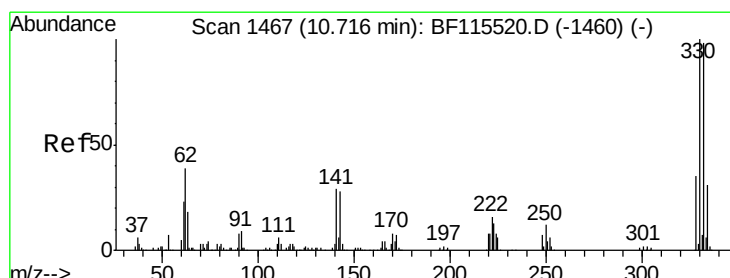
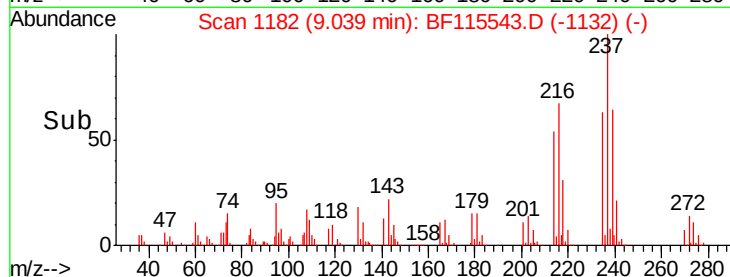
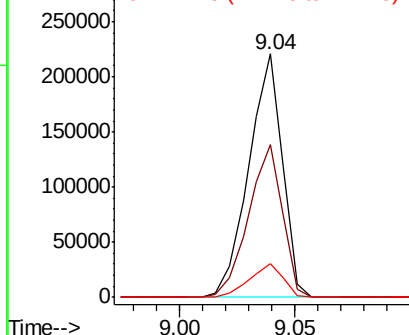
Tot Ion:	237	Resp:	224289
Ion Ratio	Lower	Upper	
237	100		
235	62.5	43.6	83.6
272	13.7	0.0	33.9

Manual Integrations
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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: 121.327 ng

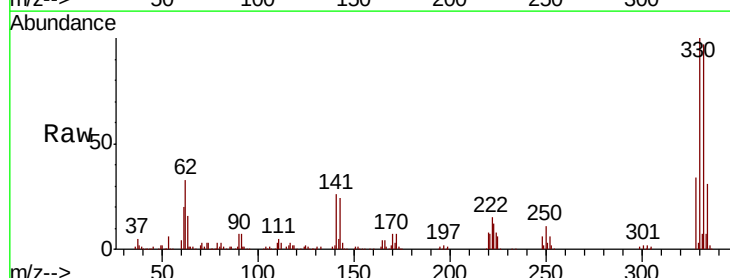
RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

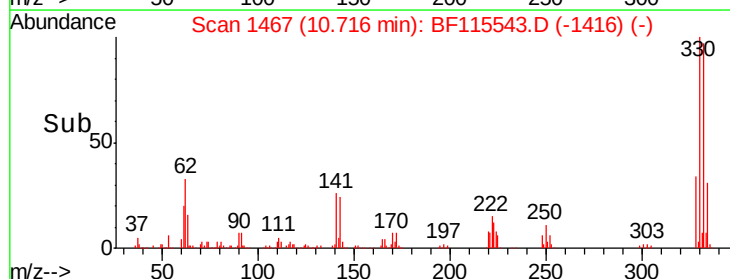
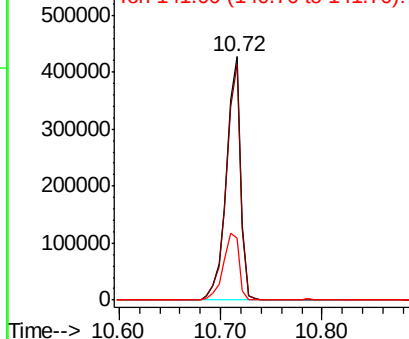
Lab File: BF115543.D

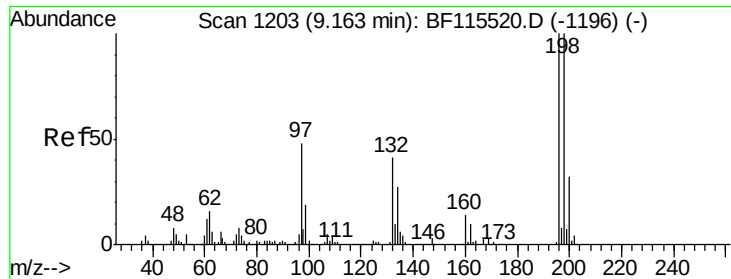
Acq: 12 Jul 2019 22:54

Tgt Ion:	330	Resp:	417796
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.4	116.2
141	30.5	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





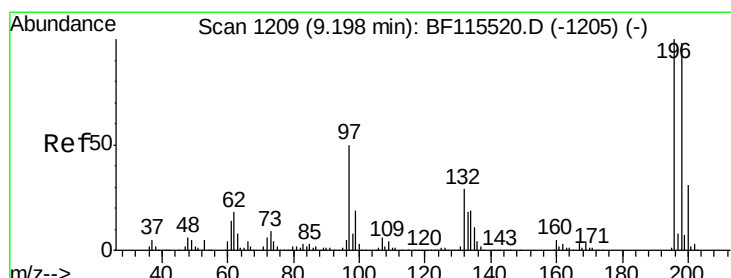
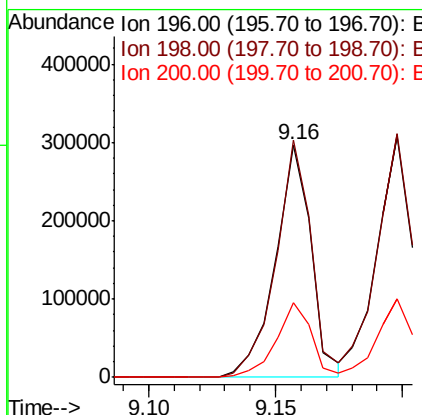
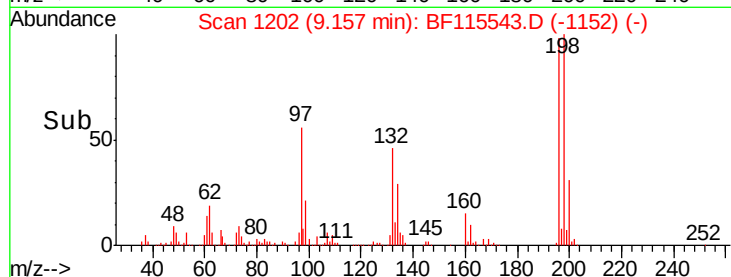
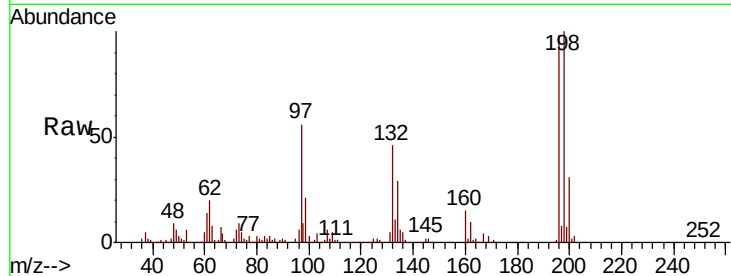
#43
 2,4,6-Trichlorophenol
 Concen: 44.617 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071019-AMSD

Tot Ion:	196	Resp:	289866
Ion Ratio	Lower	Upper	
196	100		
198	102.0	80.6	121.0
200	32.0	25.8	38.6

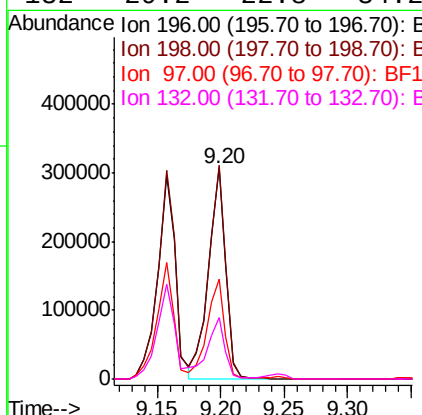
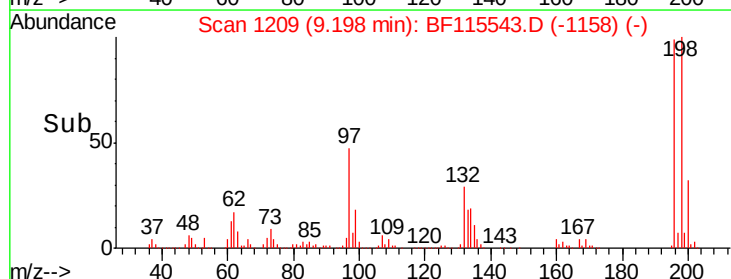
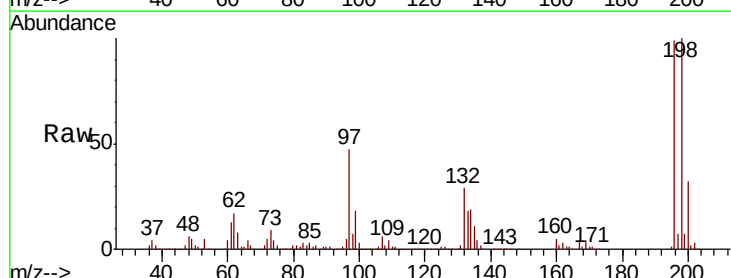
Manual Integrations
 APPROVED

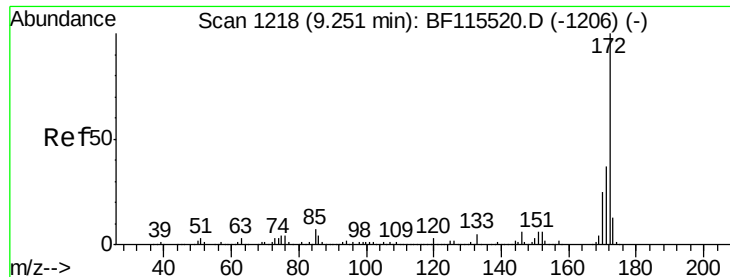
mohammad
 7/15/2019 2:57:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.702 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion:	196	Resp:	297421
Ion Ratio	Lower	Upper	
196	100		
198	101.2	79.6	119.4
97	47.1	37.8	56.6
132	29.2	22.8	34.2





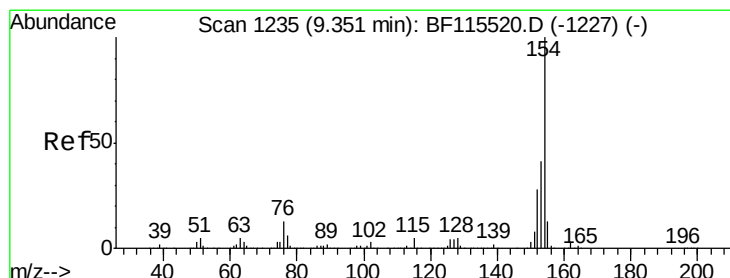
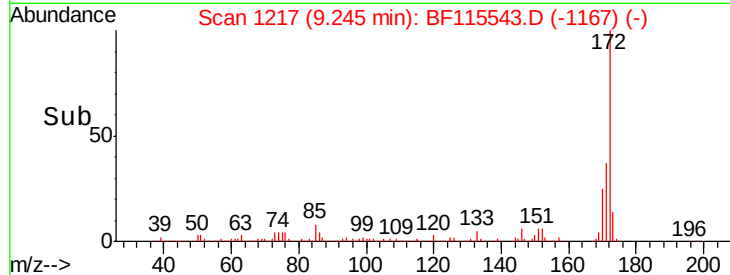
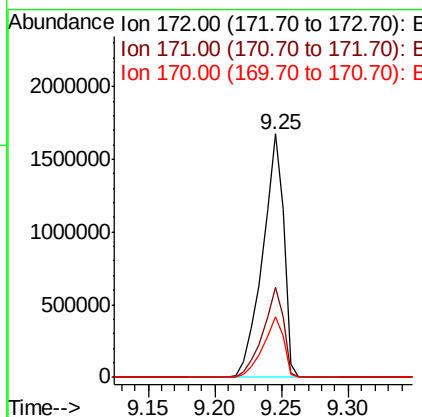
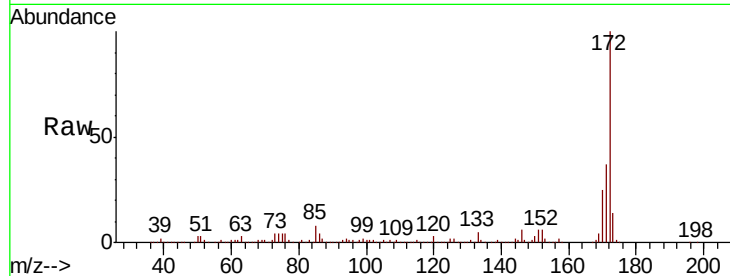
#45
2-Fluorobiphenyl
Concen: 108.090 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion:172 Resp: 1821905
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 25.0 20.5 30.7

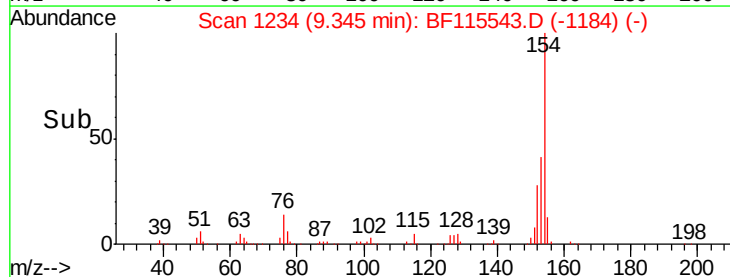
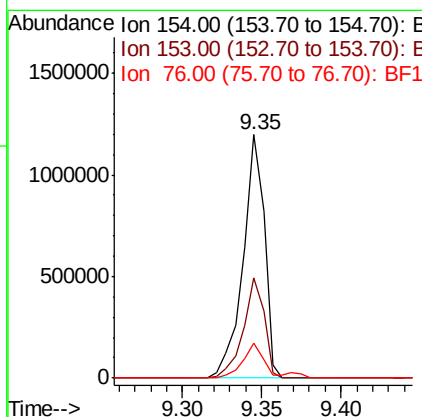
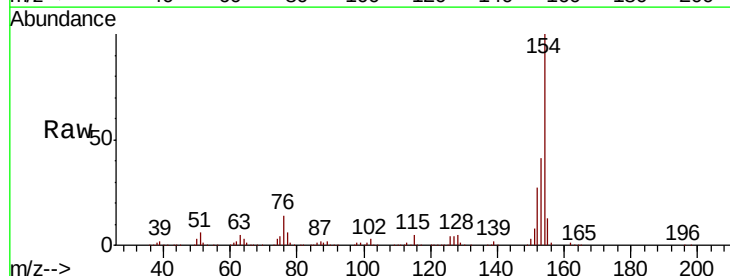
Manual Integrations
APPROVED

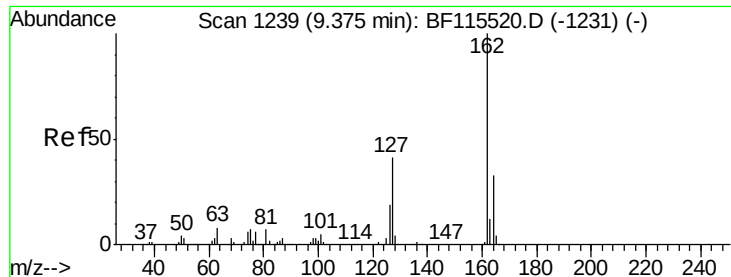
mohammad
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#46
1,1'-Biphenyl
Concen: 48.175 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:154 Resp: 1111116
Ion Ratio Lower Upper
154 100
153 41.1 22.6 62.6
76 14.3 0.0 33.4





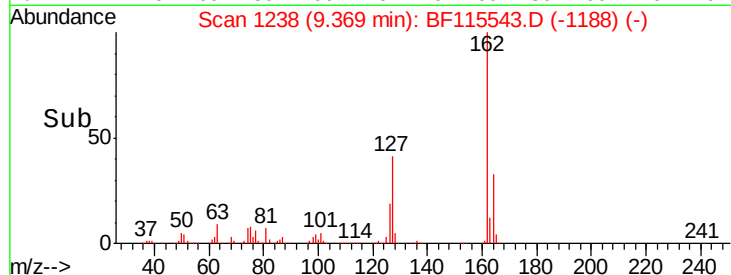
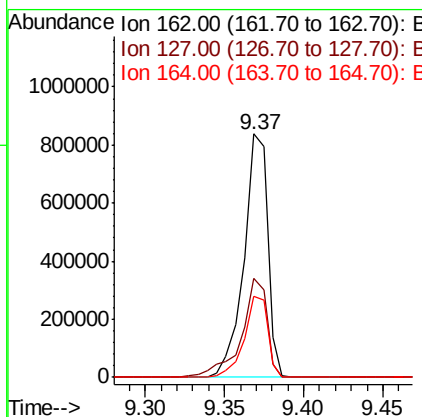
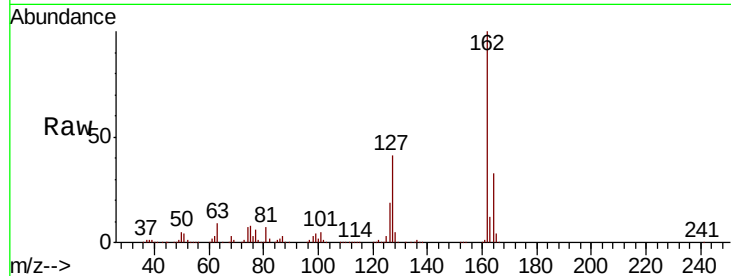
#47
 2-Chloronaphthalene
 Concen: 45.143 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.9	34.1	51.1	
164	33.3	27.4	41.2	

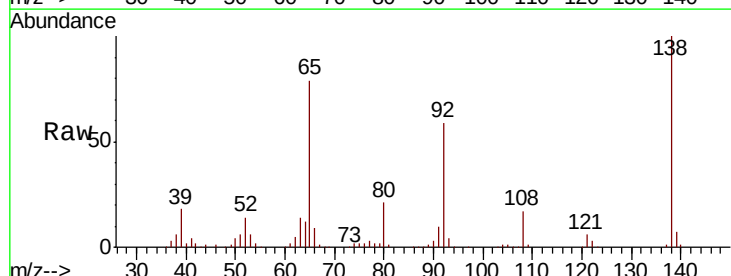
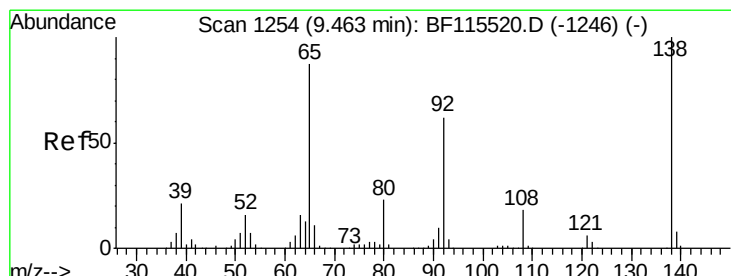
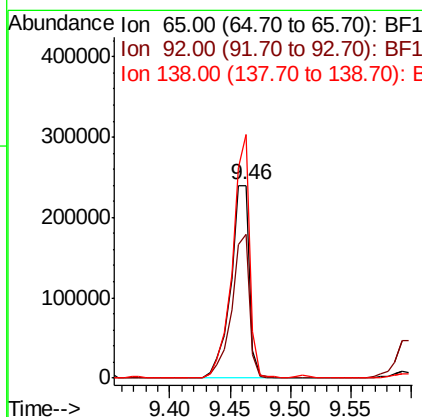
Manual Integrations
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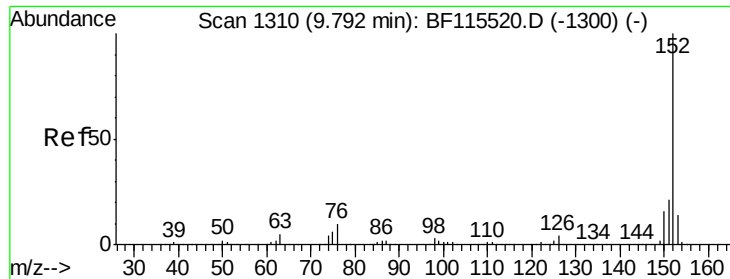
mohammad
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#48
 2-Nitroaniline
 Concen: 43.475 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	74.7	57.8	86.6	
138	126.4	91.2	136.8	





#49

Acenaphthylene

Concen: 45.647 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-AMSD

Tot Ion:152 Resp: 1298950

Ion Ratio Lower Upper

152 100

151 21.2 17.7 26.5

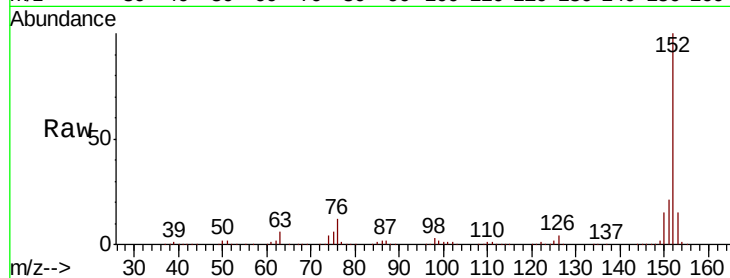
153 14.6 12.0 18.0

Manual Integrations

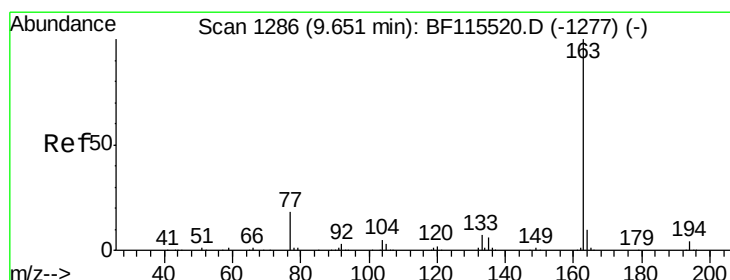
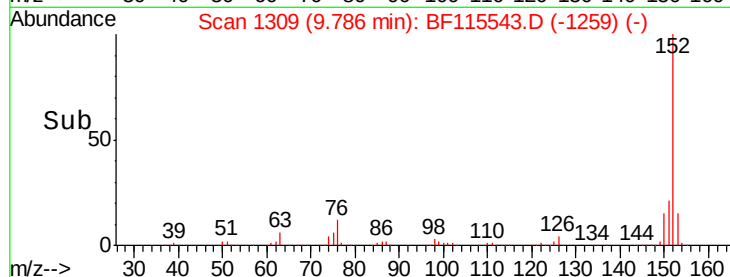
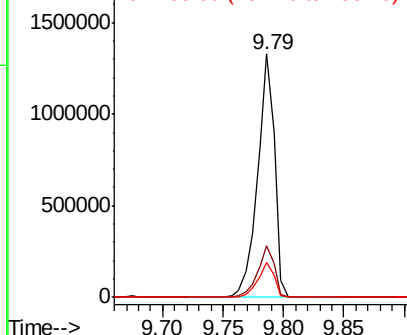
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.862 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

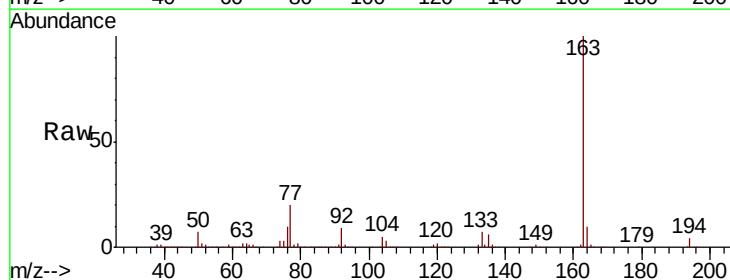
Tgt Ion:163 Resp: 1017967

Ion Ratio Lower Upper

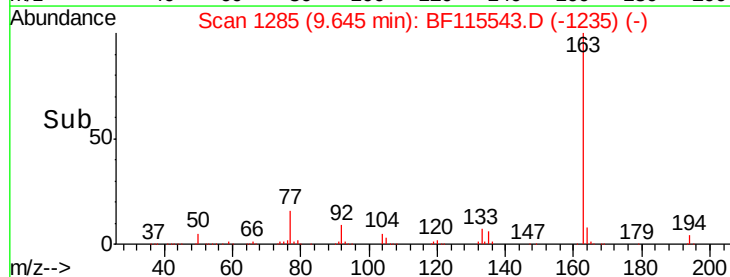
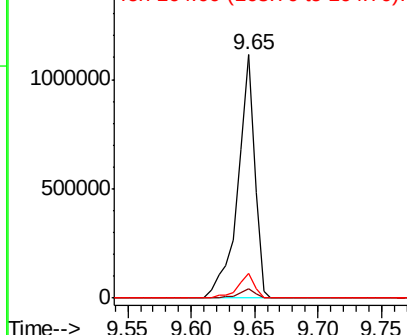
163 100

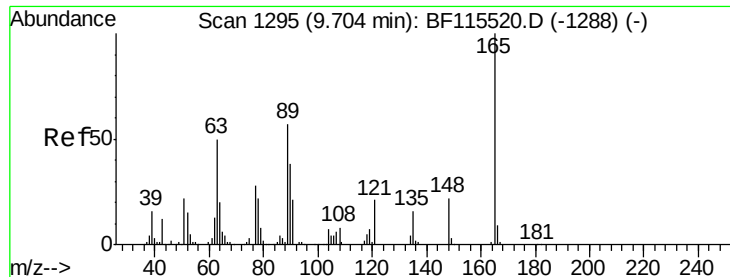
194 4.0 3.3 4.9

164 10.3 8.7 13.1



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





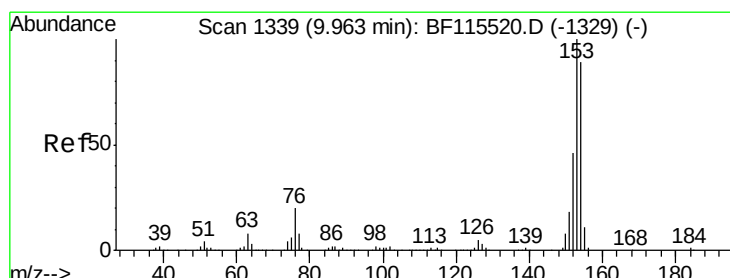
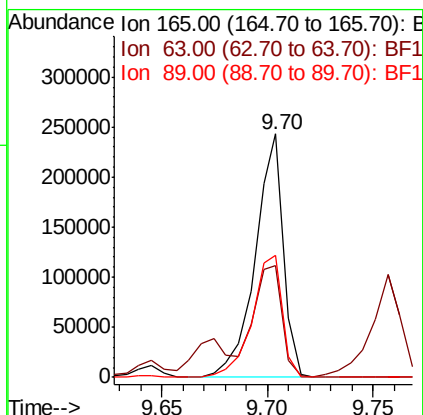
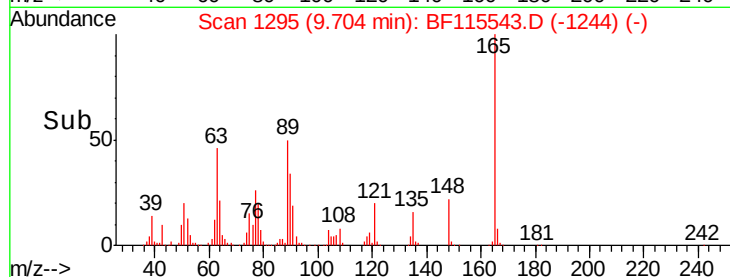
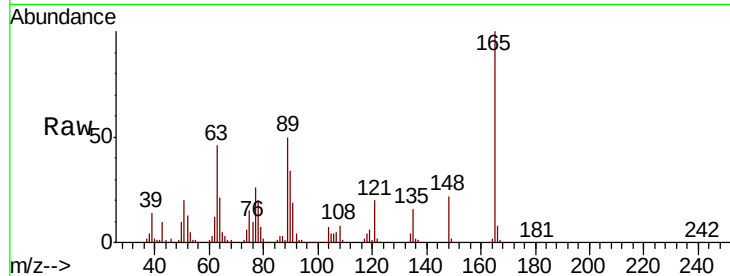
#51
2,6-Dinitrotoluene
Concen: 44.587 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.1	40.6	61.0
89	50.2	43.9	65.9

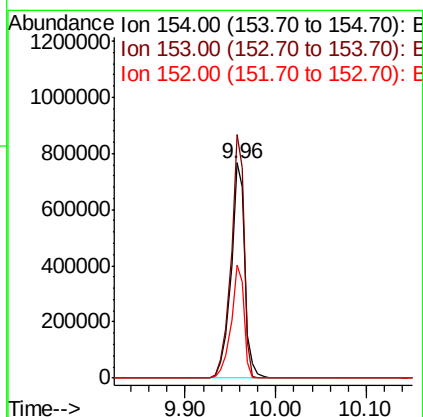
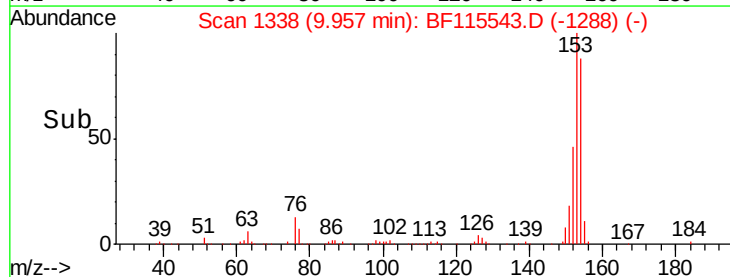
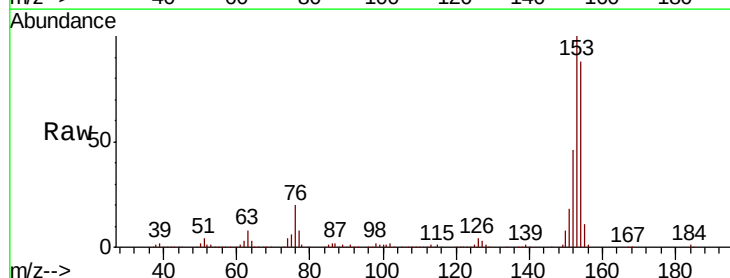
Manual Integrations
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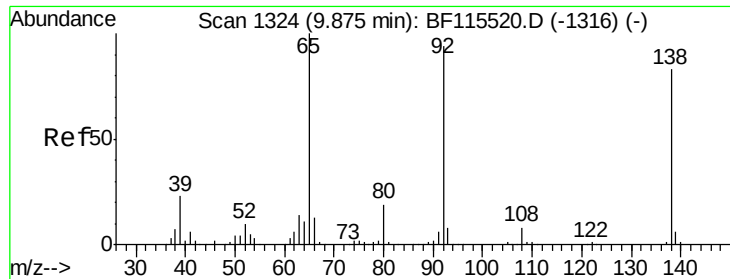
mohammad
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#52
Acenaphthene
Concen: 44.293 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	88.6	133.0
152	52.3	42.3	63.5





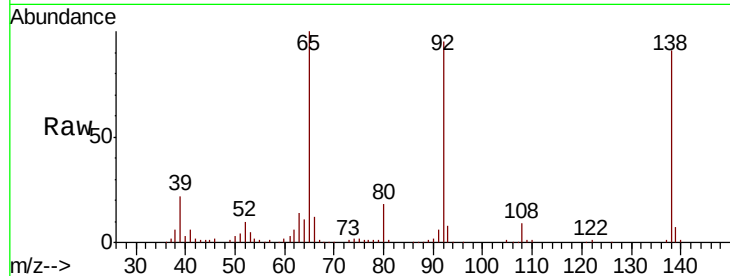
#53
3-Nitroaniline
Concen: 21.349 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.4	12.6
92	103.9	88.0	132.0

Manual Integrations
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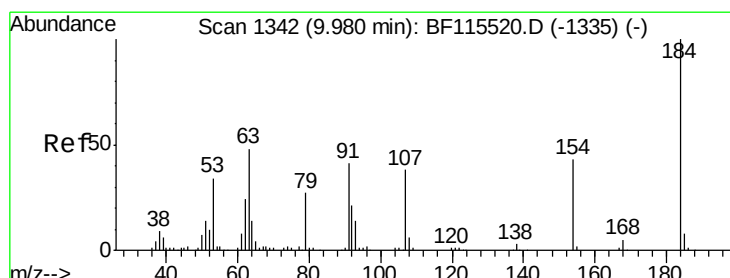
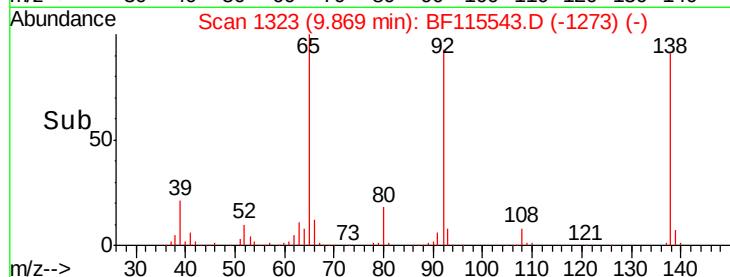
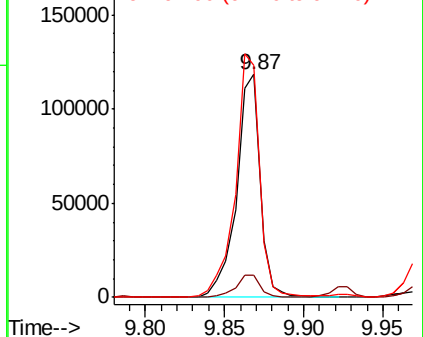


Abundance

Ion 138.00 (137.70 to 138.70): E

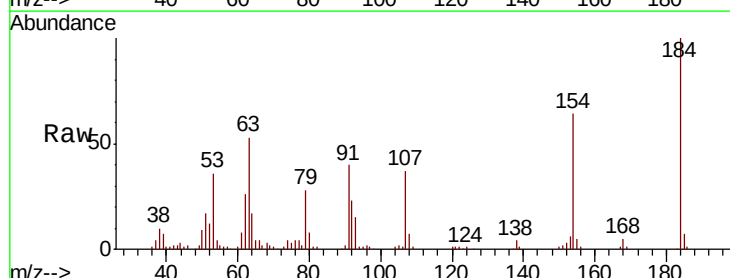
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 29.435 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.7	48.7	73.1
154	63.7	48.6	73.0

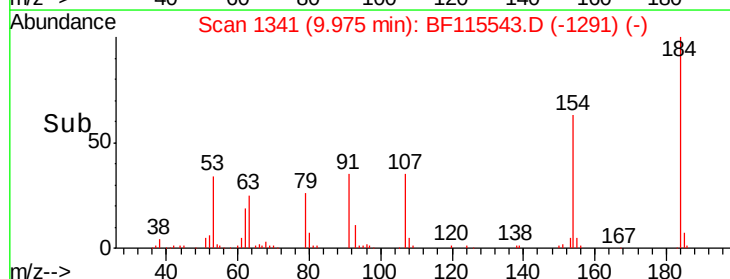
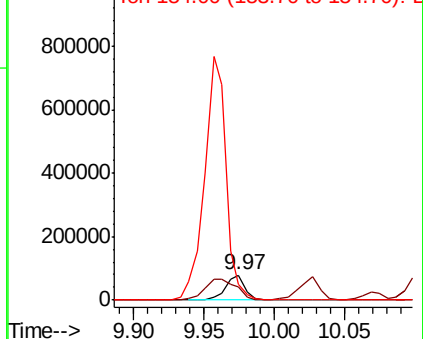


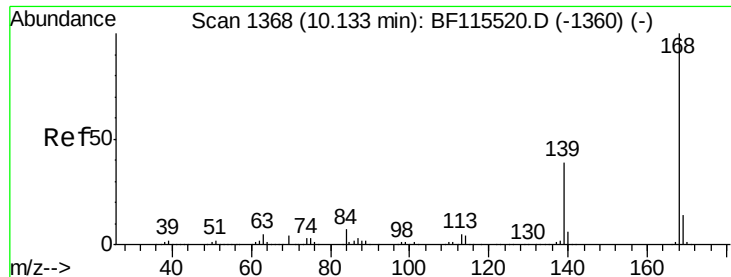
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





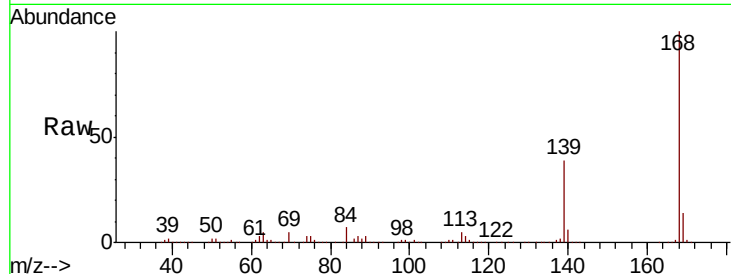
#55
Dibenzenofuran
Concen: 44.168 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.1	46.7
169	14.1	11.1	16.7

Manual Integrations
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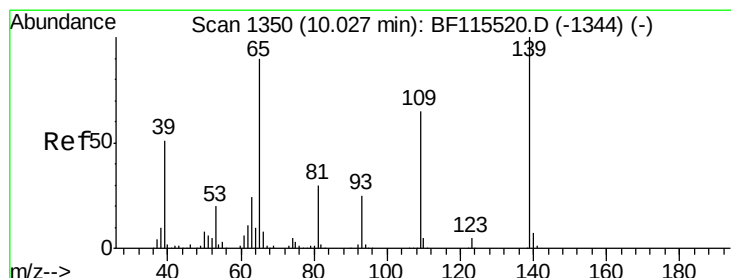
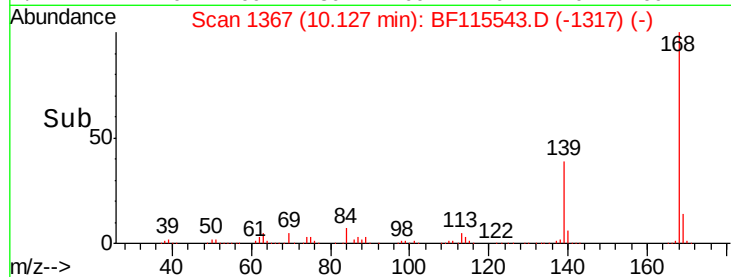
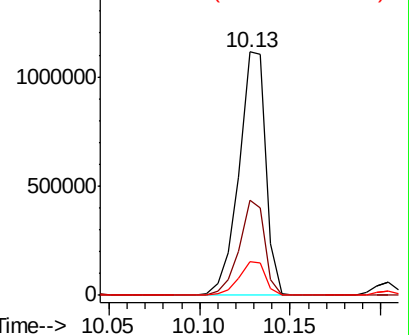


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 66.467 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

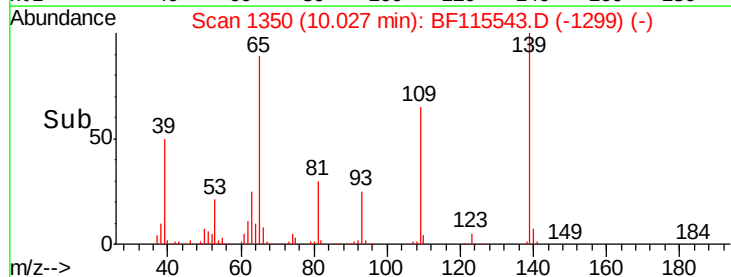
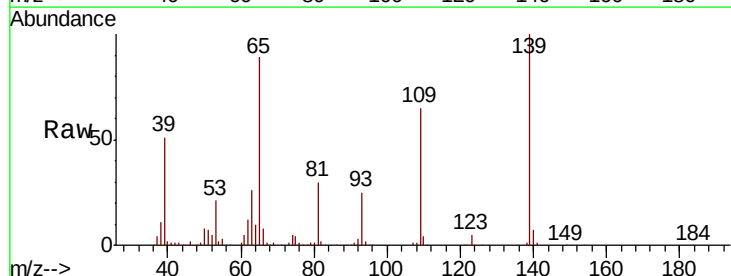
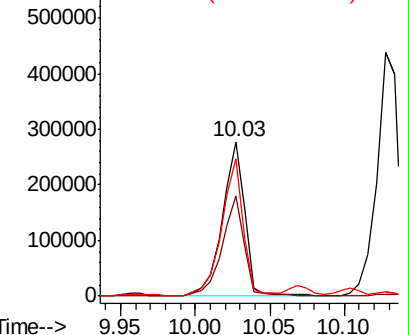
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.9	46.4	86.4
65	89.1	68.9	108.9

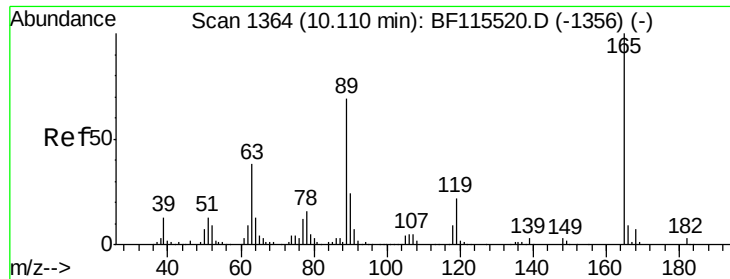
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





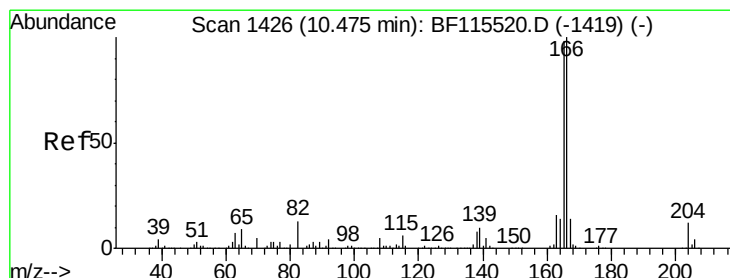
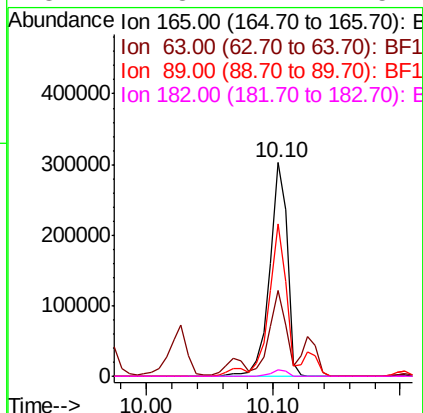
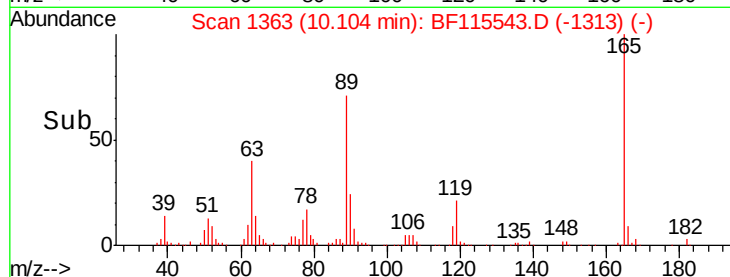
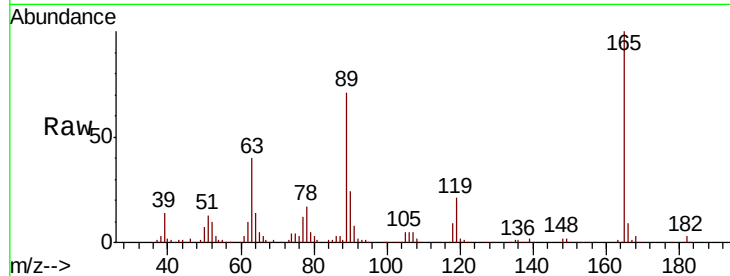
#57
2,4-Dinitrotoluene
Concen: 44.091 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		288136		
63	40.0		34.9	52.3	
89	71.3		57.5	86.3	
182	2.8		2.2	3.4	

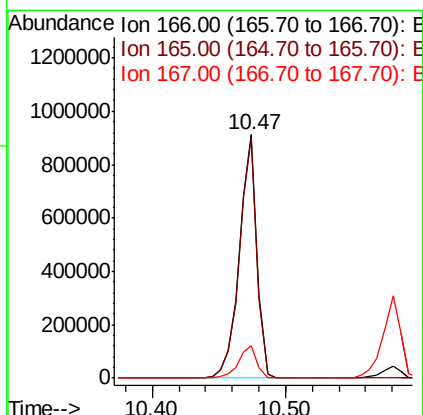
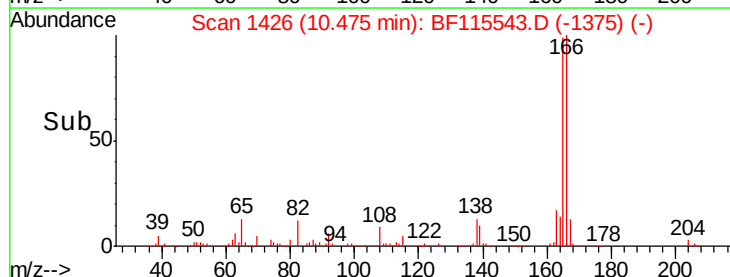
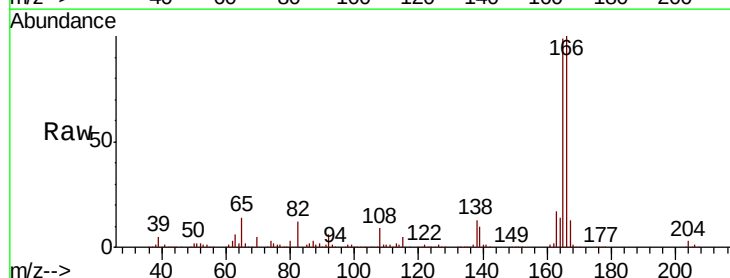
Manual Integrations
APPROVED

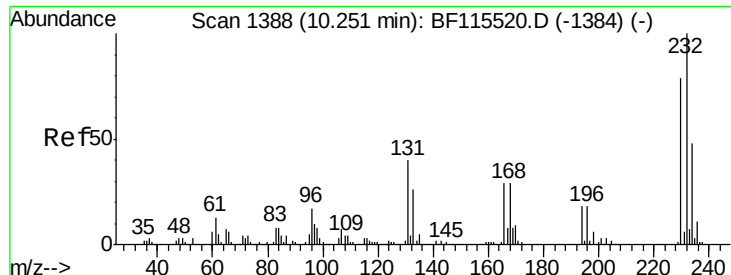
mohammad
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#58
Fluorene
Concen: 44.610 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		832049		
165	98.7		79.8	119.6	
167	13.4		11.2	16.8	





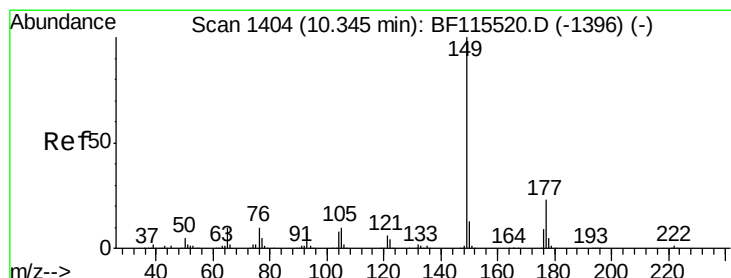
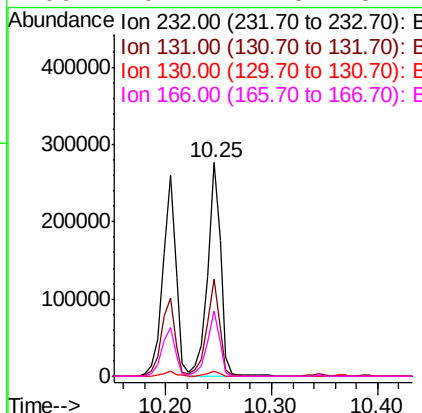
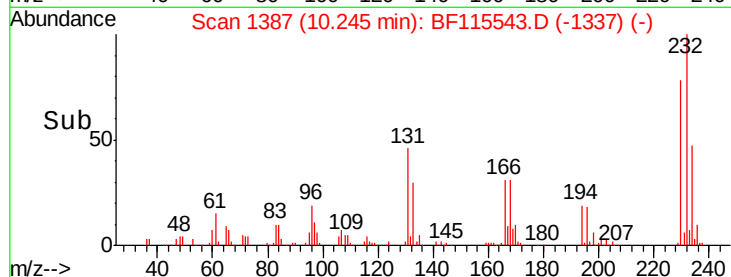
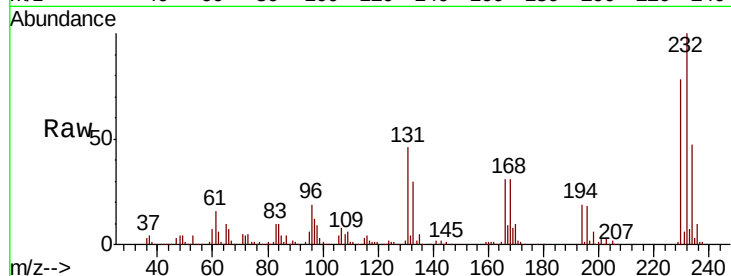
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.642 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	237169		
131	44.2		35.9	53.9
130	2.1		1.8	2.6
166	29.7		24.8	37.2

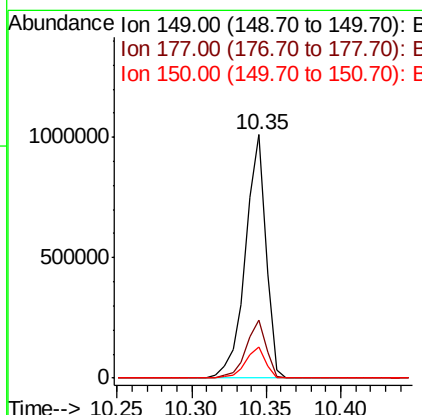
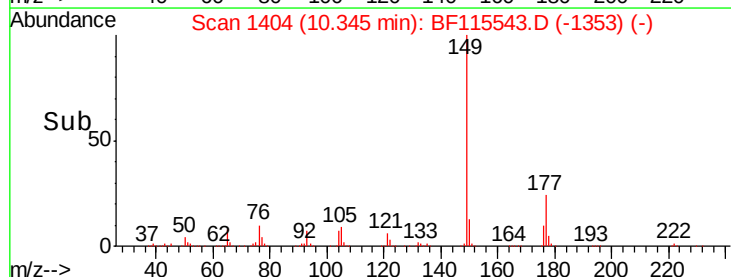
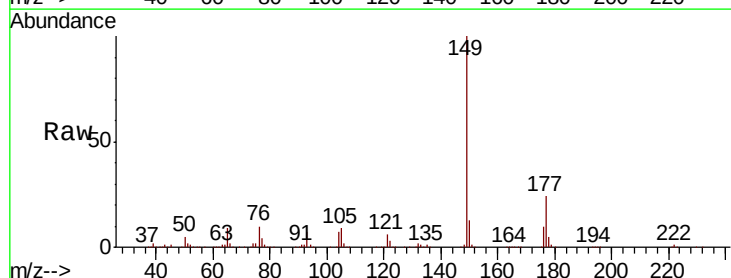
Manual Integrations
APPROVED

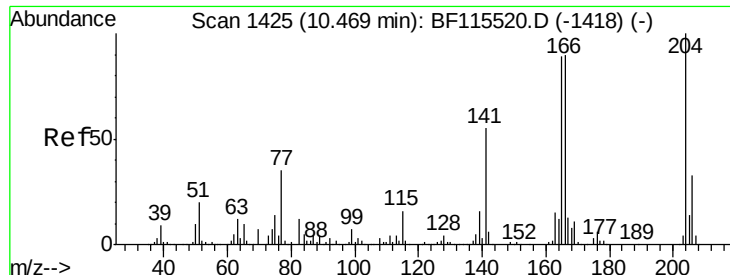
mohammad
7/15/2019 2:57:37 PM



#60
Diethylphthalate
Concen: 46.097 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	958679		
177	23.8		19.5	29.3
150	12.8		10.4	15.6





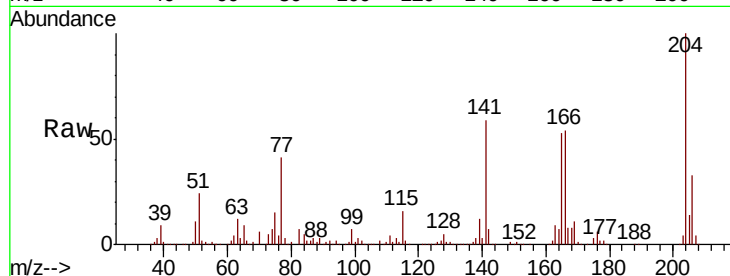
#61
 4-Chlorophenyl-phenylether
 Concen: 42.546 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071019-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	58.5	44.2	66.2

Manual Integrations
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mohammad
 7/15/2019 2:57:37 PM

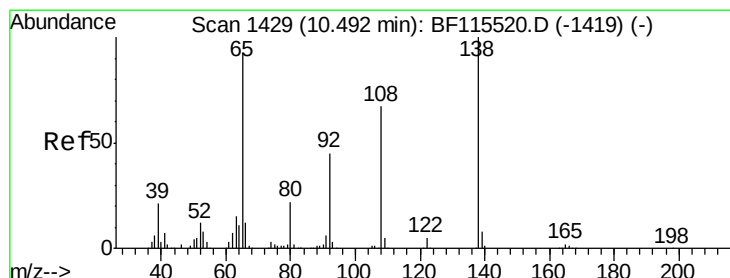
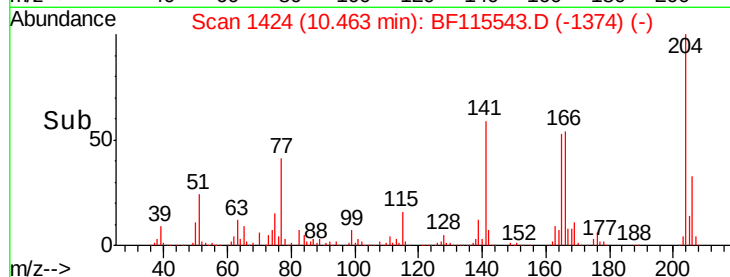
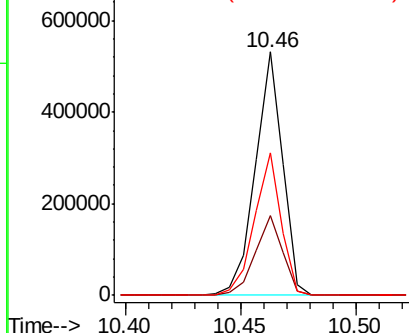


Abundance

Ion 204.00 (203.70 to 204.70): E

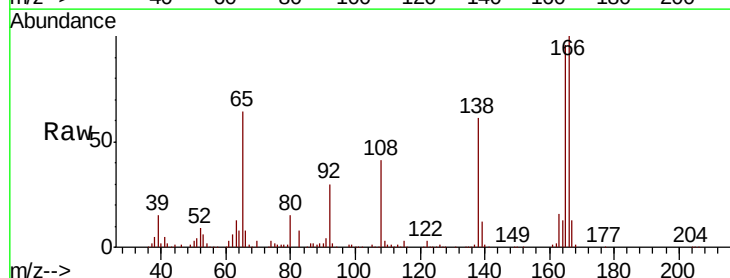
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 37.529 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	27.1	67.1
108	68.2	48.0	88.0

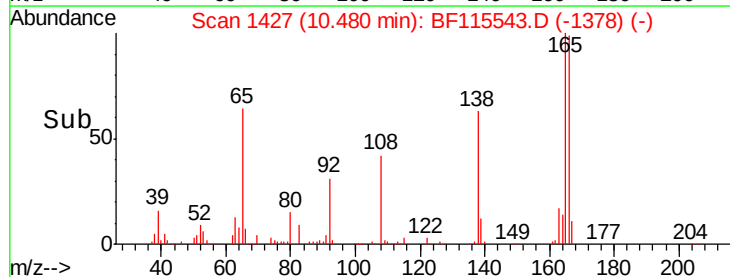
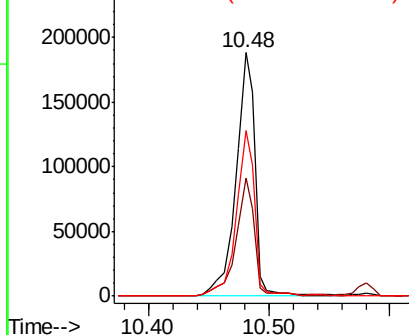


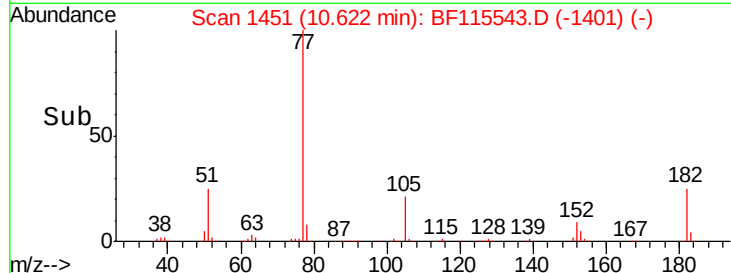
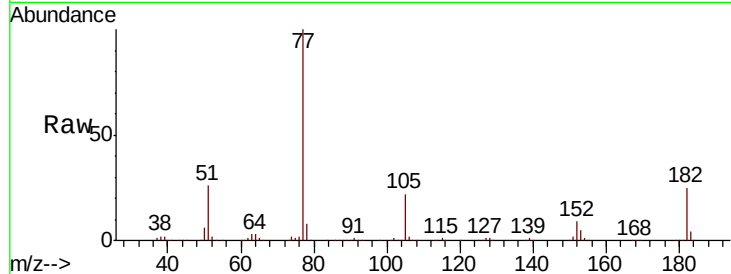
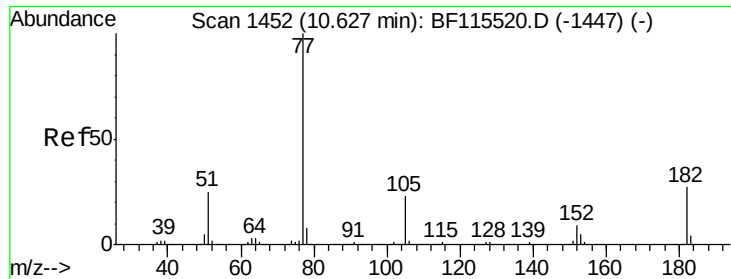
Abundance

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





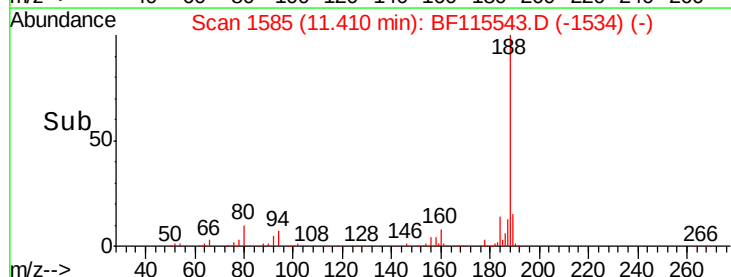
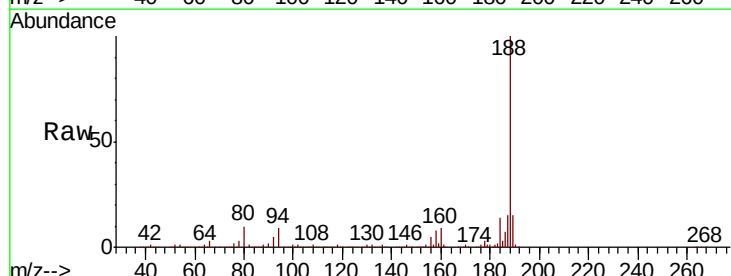
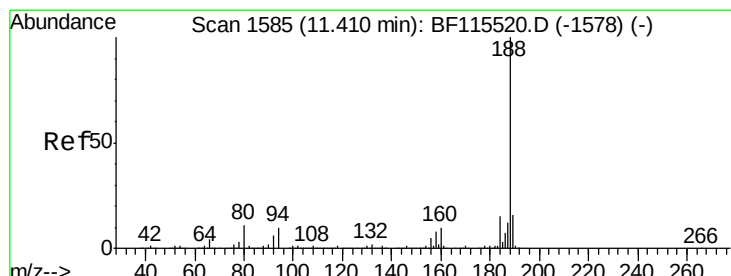
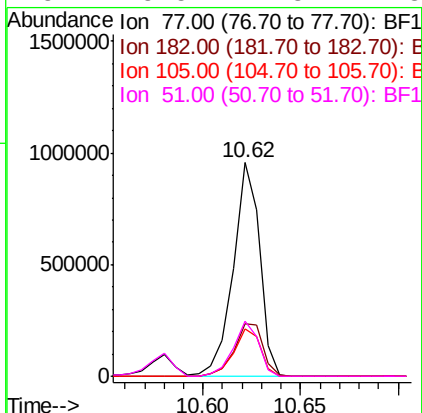
#63
Azobenzene
Concen: 44.488 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tot Ion	77	Resp	897413
Ion Ratio	Lower	Upper	
77	100		
182	24.8	6.9	46.9
105	22.4	3.9	43.9
51	25.5	7.3	47.3

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

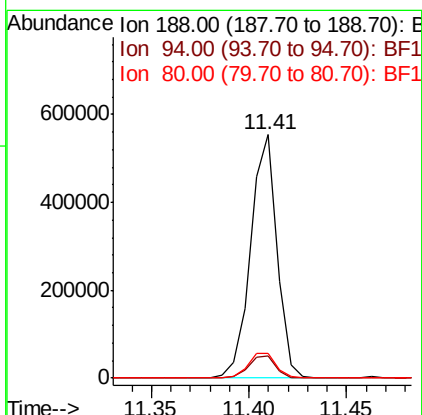
Manual Integrations
APPROVED

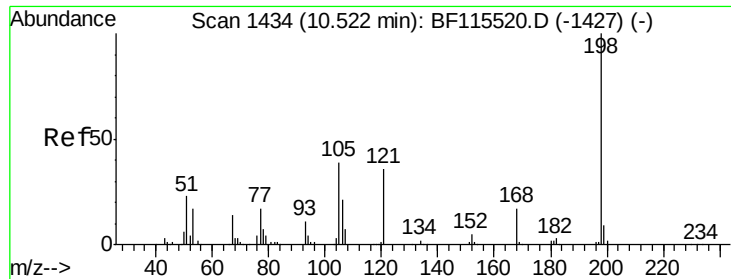
mohammad
7/15/2019 2:57:37 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	188	Resp	519579
Ion Ratio	Lower	Upper	
188	100		
94	9.1	7.8	11.6
80	9.9	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 21.857 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-AMSD

Tot Ion:198 Resp: 69385

Ion Ratio Lower Upper

198 100

51 31.1 19.1 59.1

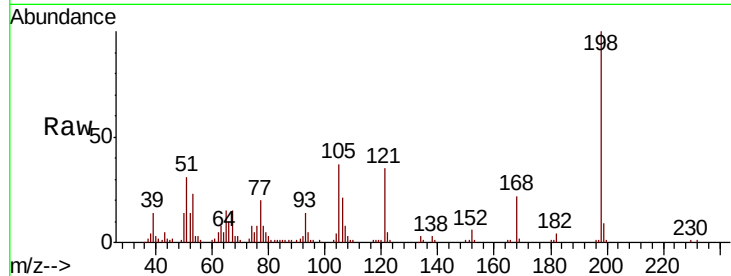
105 37.2 23.6 63.6

Manual Integrations

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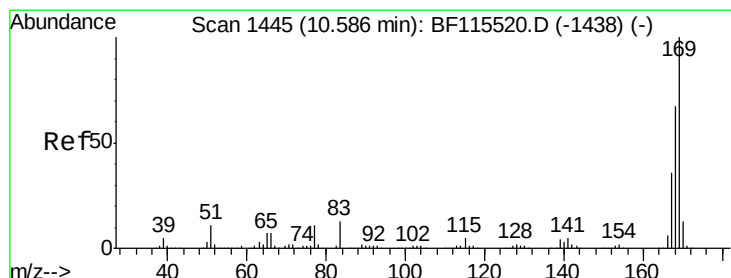
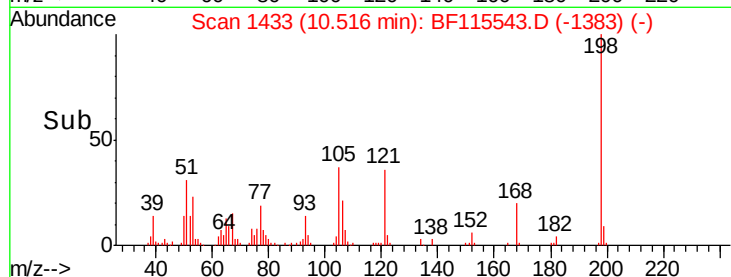
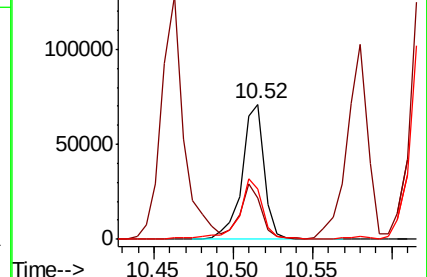
7/15/2019 2:57:37 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.243 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

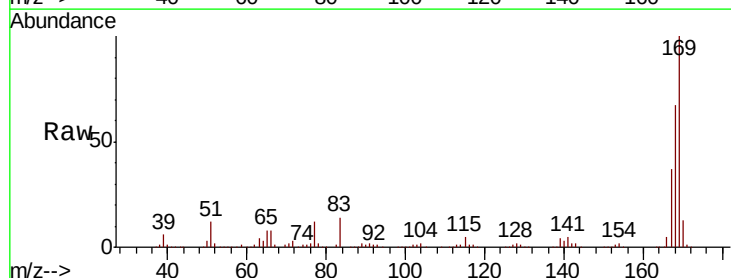
Tgt Ion:169 Resp: 779716

Ion Ratio Lower Upper

169 100

168 67.3 54.3 81.5

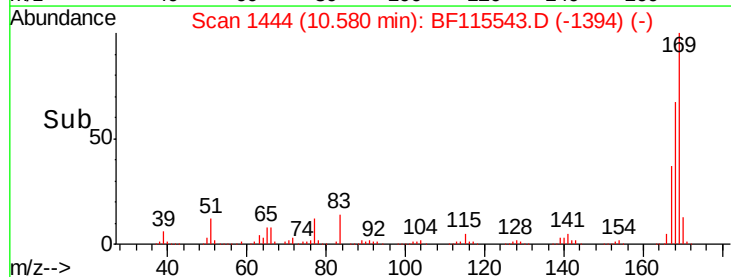
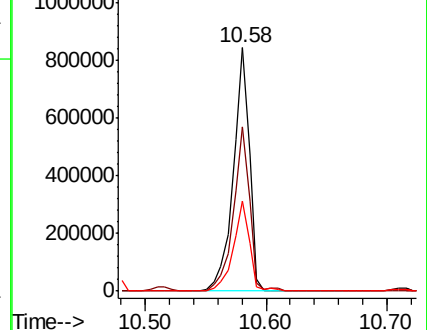
167 36.8 30.2 45.2

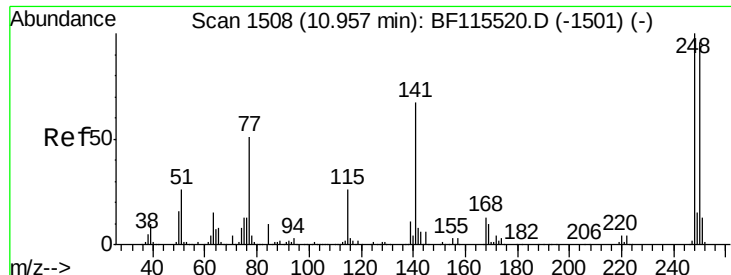


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





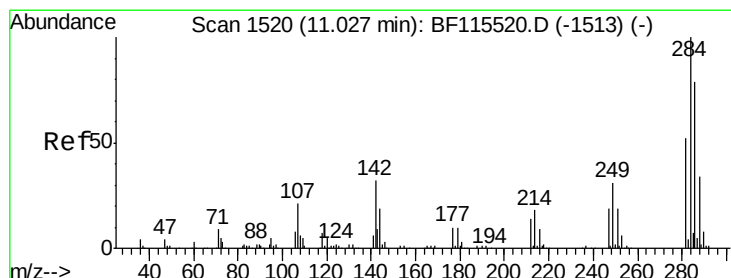
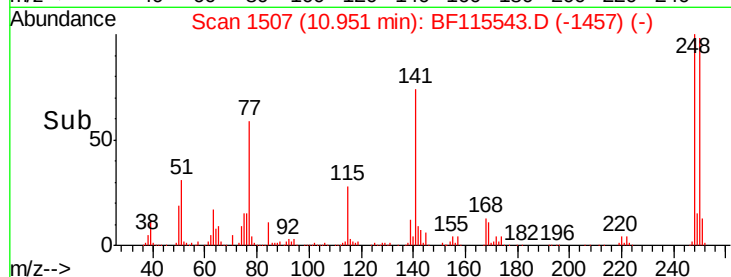
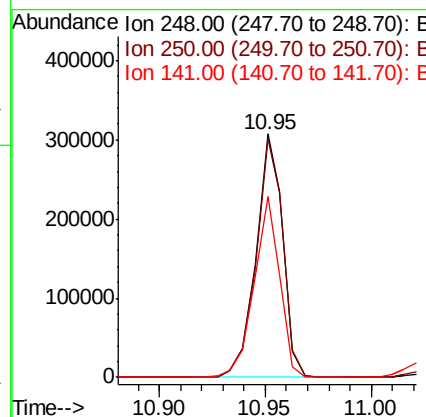
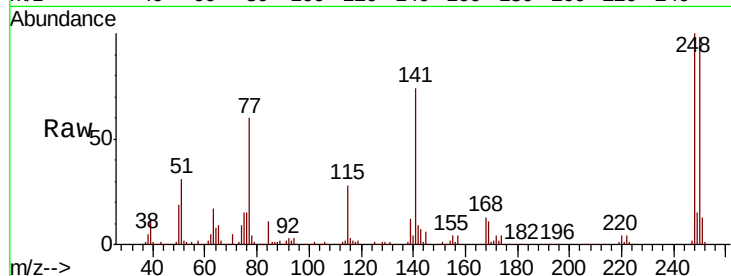
#67
4-Bromophenyl-phenylether
Concen: 45.626 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.0	117.0
141	74.5	57.7	86.5

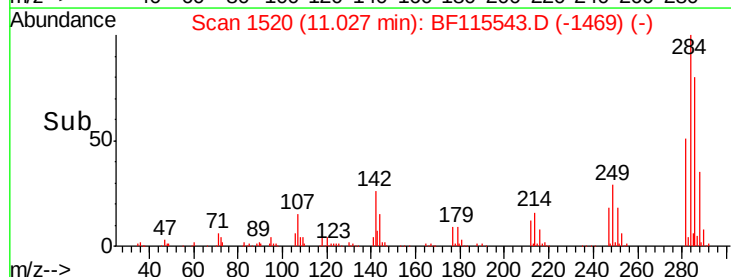
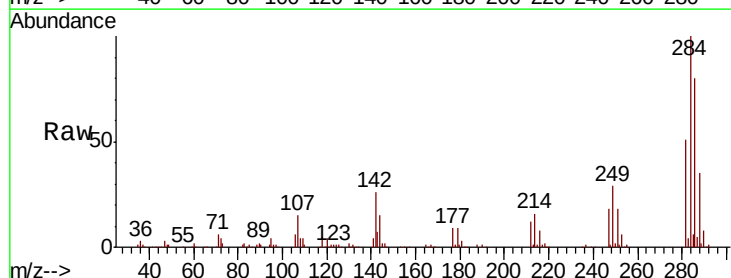
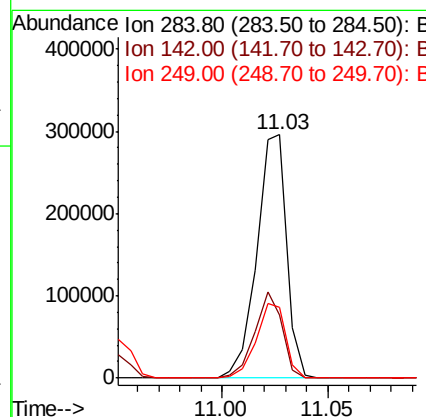
Manual Integrations
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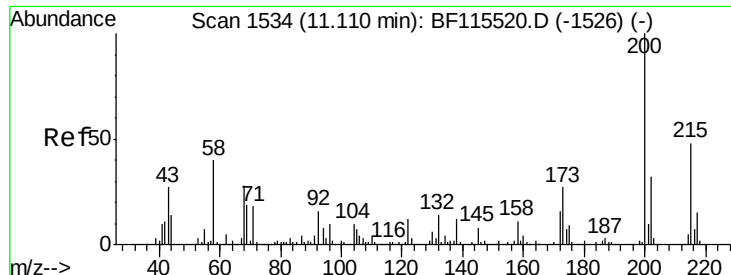
mohammad
7/15/2019 2:57:37 PM



#68
Hexachlorobenzene
Concen: 42.999 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.8	22.2	33.2
249	28.9	23.4	35.2





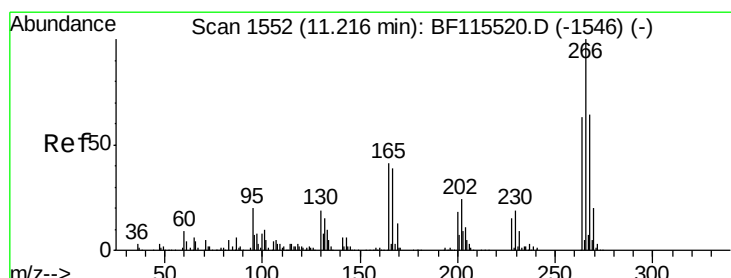
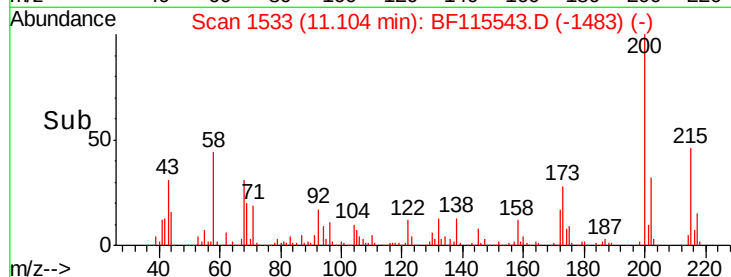
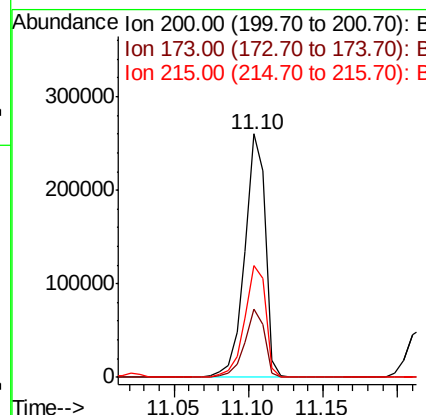
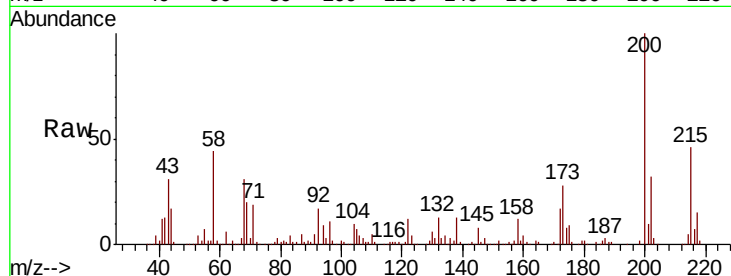
#69
Atrazine
Concen: 47.070 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	249571		
173	28.1	6.9	46.9	
215	46.1	27.9	67.9	

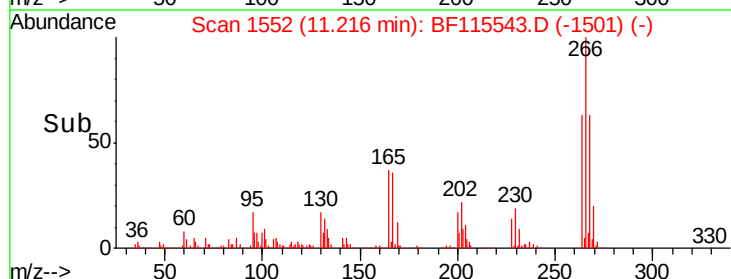
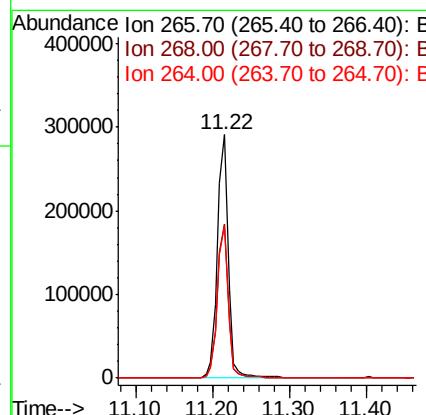
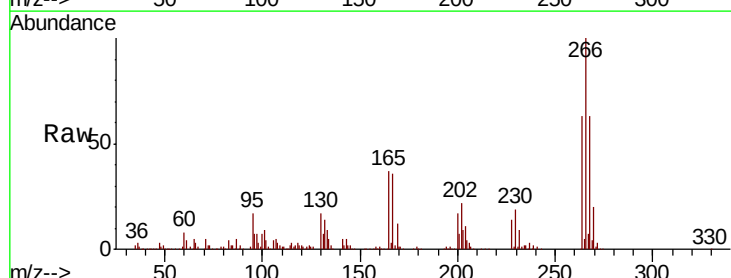
Manual Integrations
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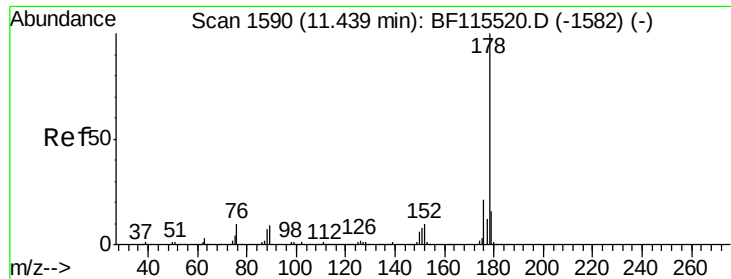
mohammad
7/15/2019 2:57:37 PM



#70
Pentachlorophenol
Concen: 68.322 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	283346		
268	63.5	51.6	77.4	
264	63.0	50.6	76.0	





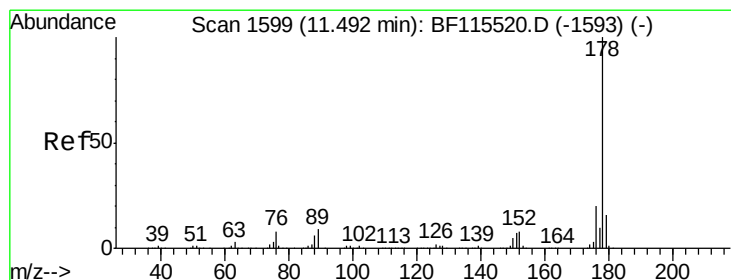
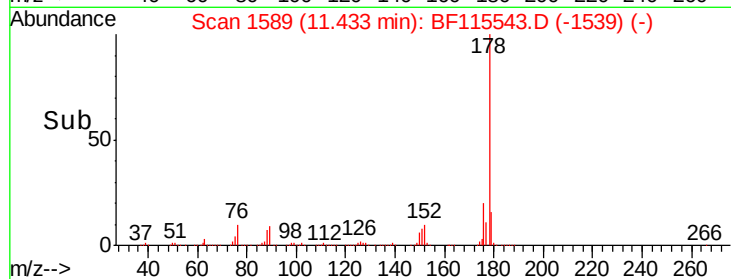
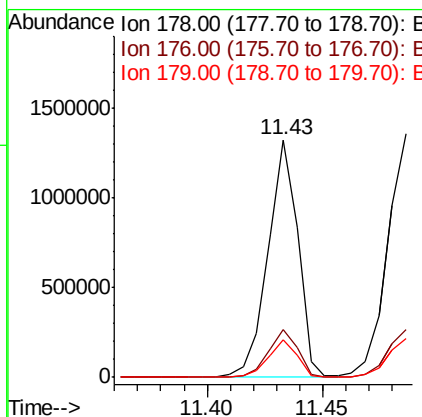
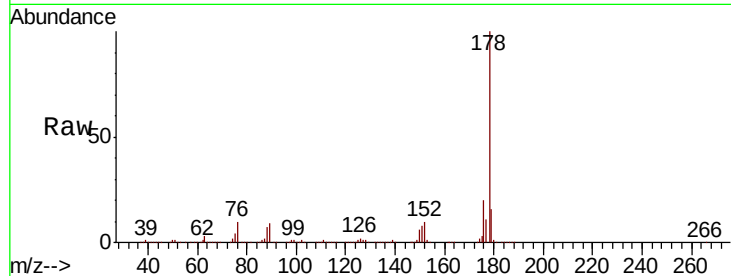
#71
Phenanthrene
Concen: 44.806 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion:178 Resp: 1193313
Ion Ratio Lower Upper
178 100
176 20.1 17.2 25.8
179 15.8 13.5 20.3

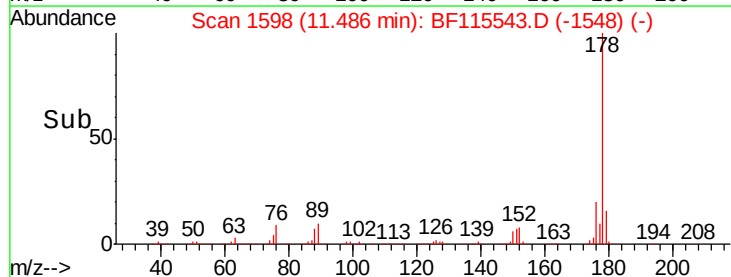
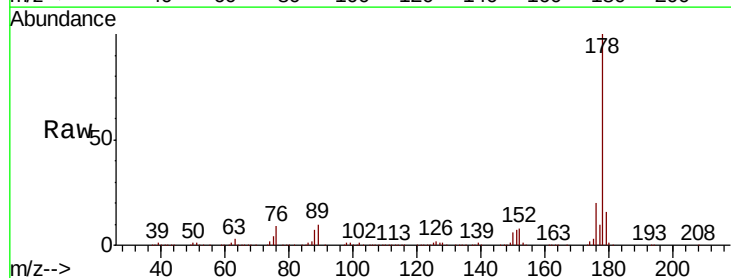
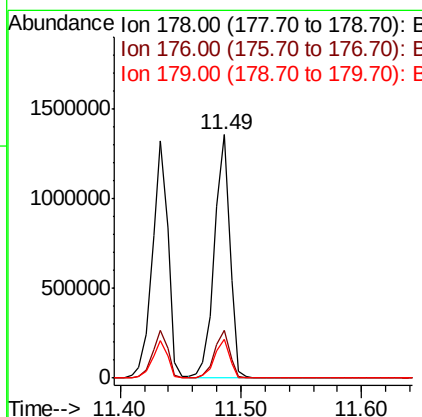
Manual Integrations
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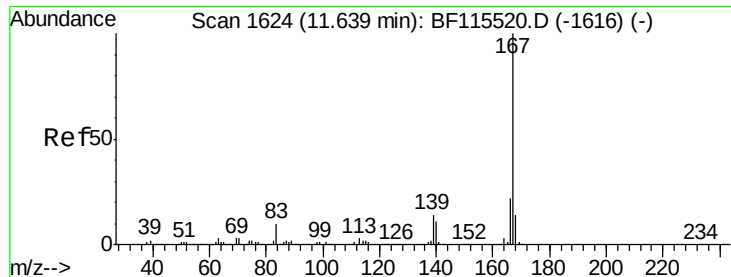
mohammad
7/15/2019 2:57:37 PM



#72
Anthracene
Concen: 43.259 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:178 Resp: 1190677
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.0 12.7 19.1





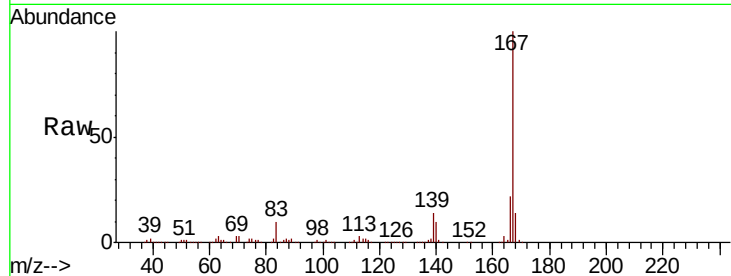
#73
 Carbazole
 Concen: 43.104 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071019-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.7	11.3	16.9

Manual Integrations
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mohammad
 7/15/2019 2:57:37 PM

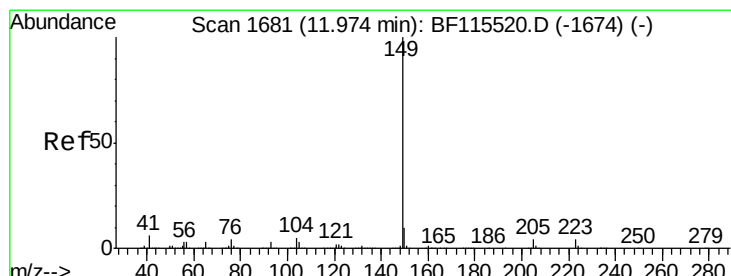
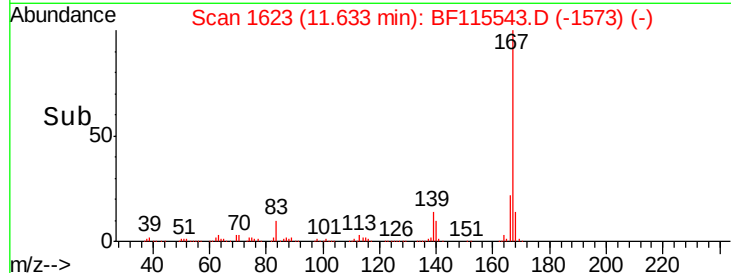
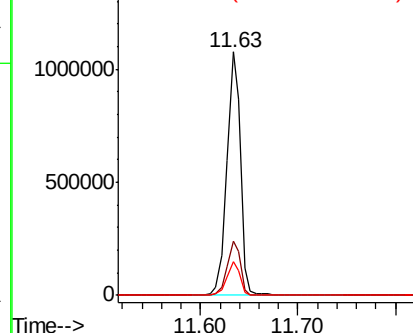


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 47.023 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

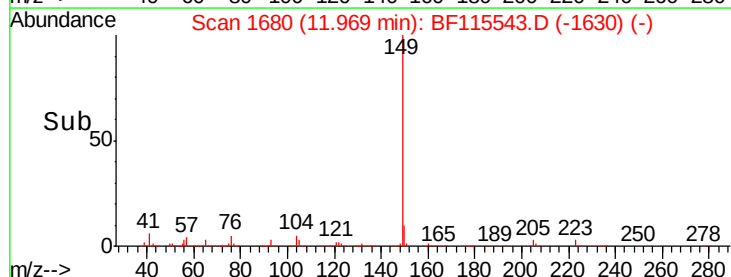
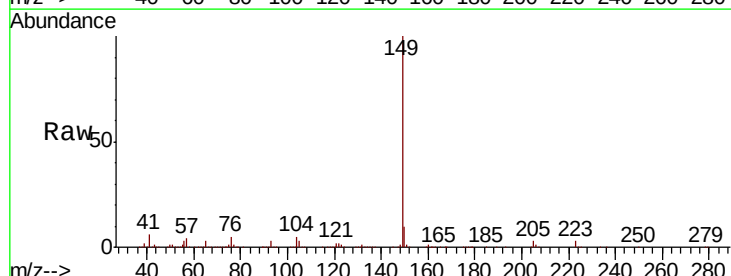
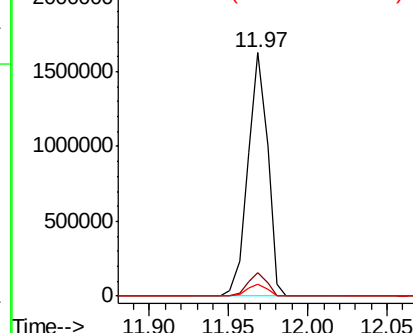
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.0	3.8	5.8

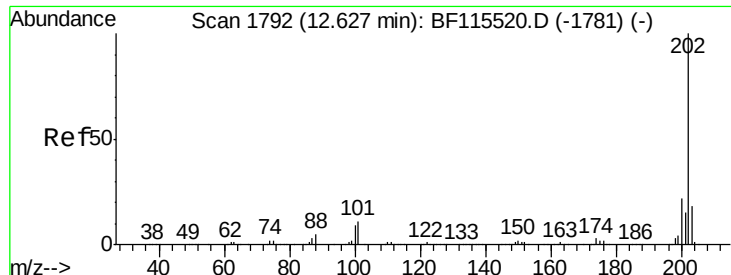
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





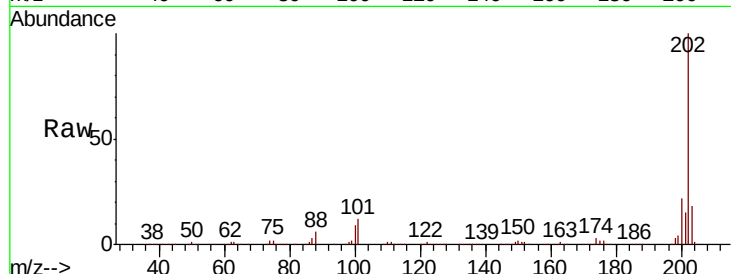
#75
Fluoranthene
Concen: 39.727 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1118089		
101	11.9		0.0	31.4
203	18.0		0.0	38.1

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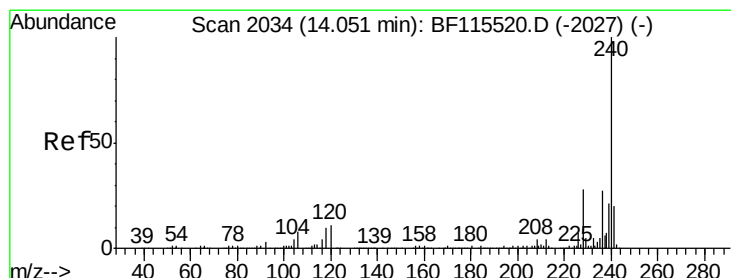
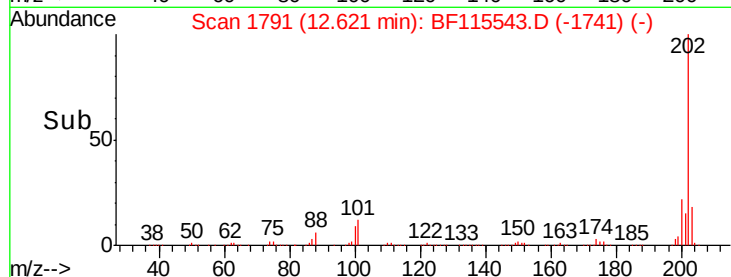
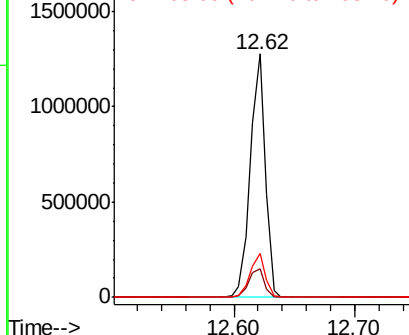


Abundance

Ion 202.00 (201.70 to 202.70): E

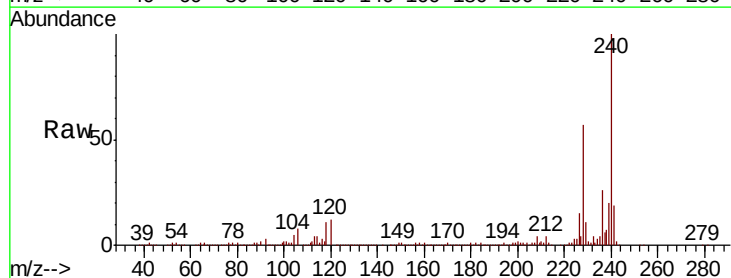
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	332726		
120	12.0		8.6	13.0
236	26.2		21.3	31.9

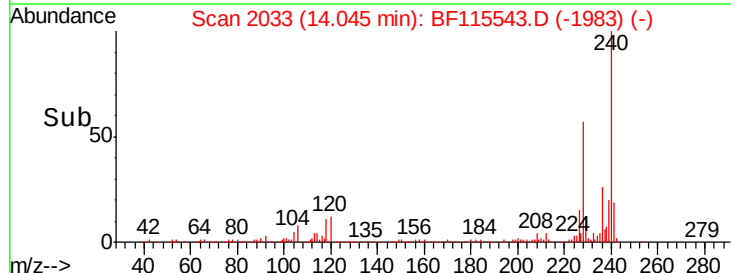
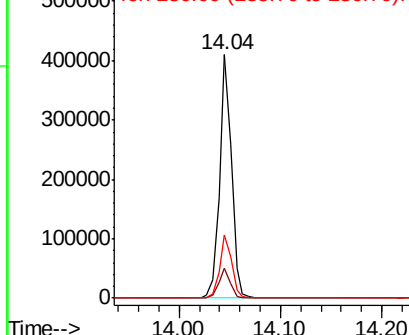


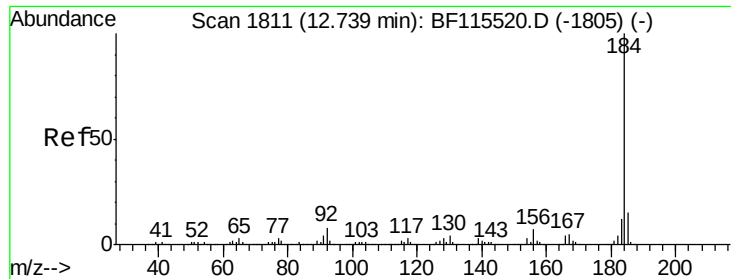
Abundance

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: 27.826 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

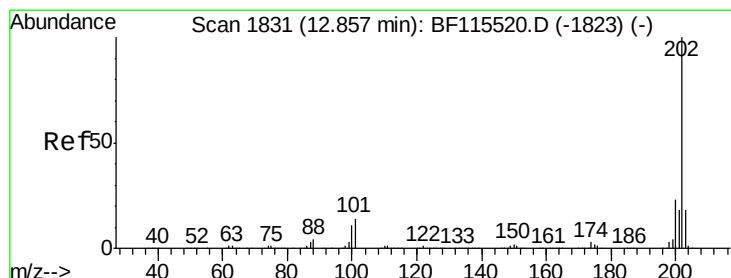
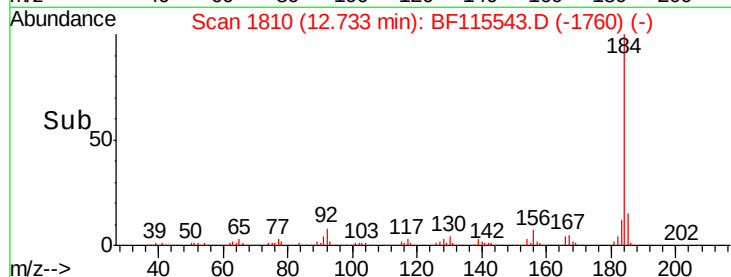
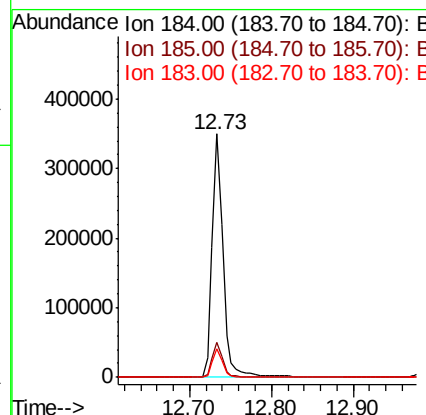
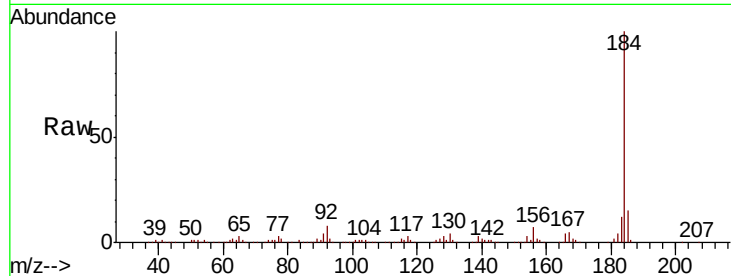
ClientSampleId :

OK-03-071019-AMSD

Tot Ion:	184	Resp:	327980
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.0	18.0
183	11.6	9.3	13.9

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#78

Pyrene

Concen: 39.325 ng

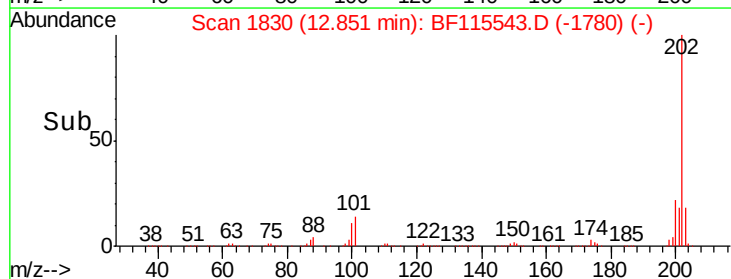
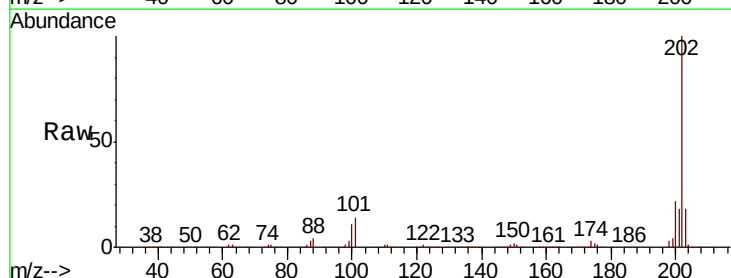
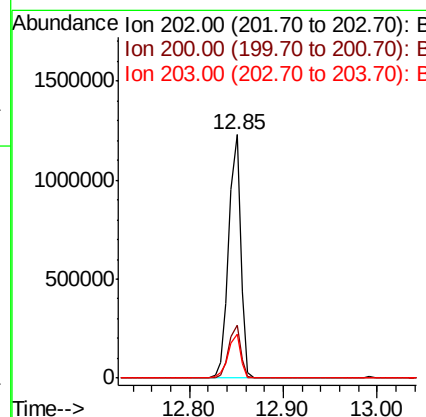
RT: 12.85 min Scan# 1830

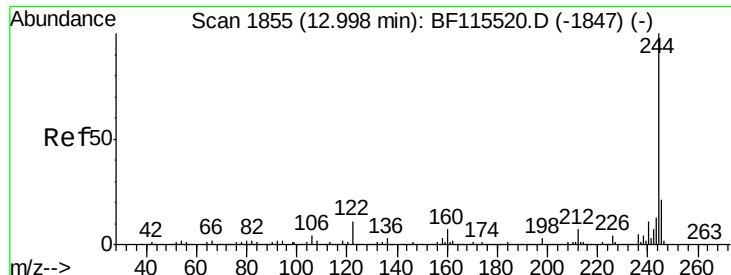
Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Tgt Ion:	202	Resp:	1108562
Ion Ratio	Lower	Upper	
202	100		
200	21.7	18.7	28.1
203	18.0	15.2	22.8





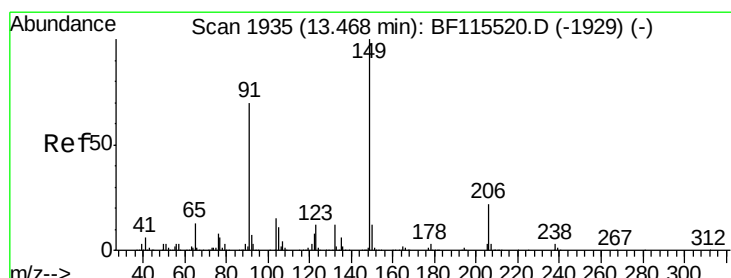
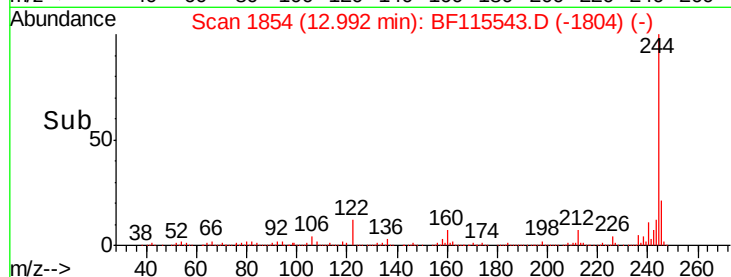
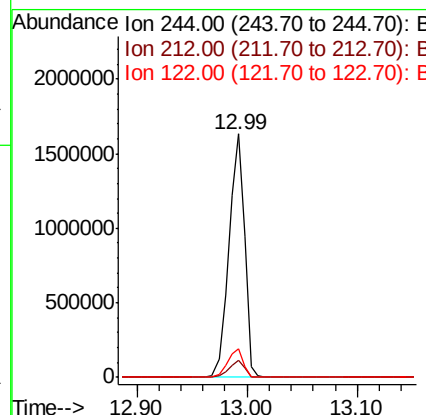
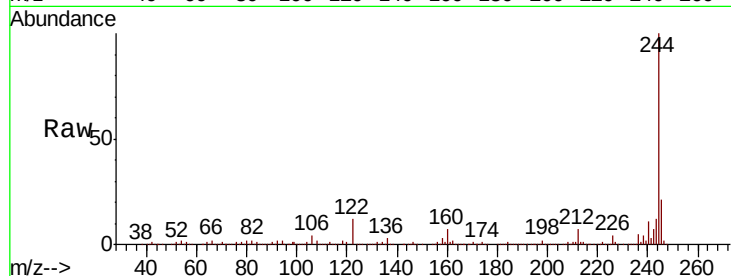
#79
 Terphenyl-d14
 Concen: 90.227 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071019-AMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.8	8.6	12.8

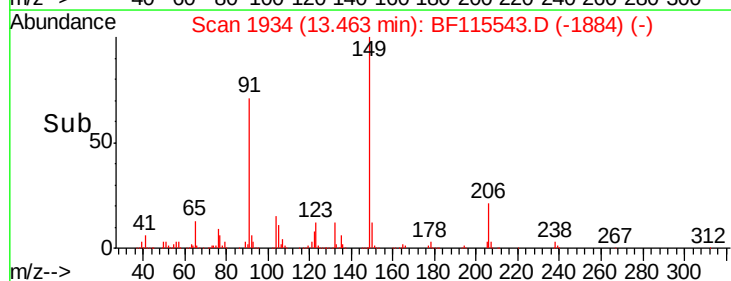
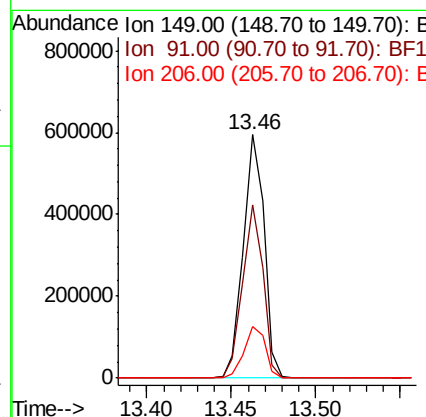
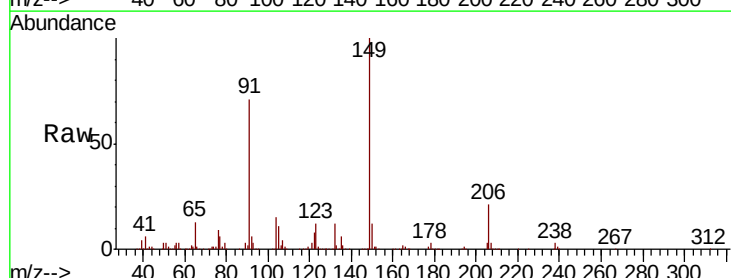
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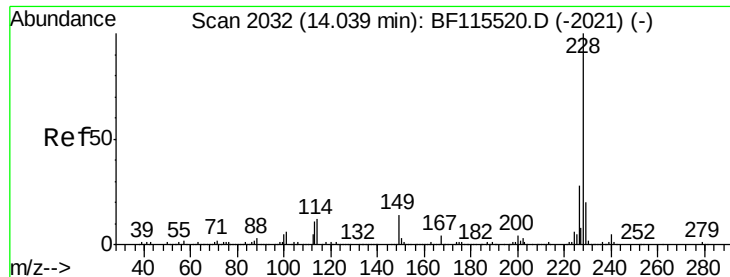
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#80
 Butylbenzylphthalate
 Concen: 42.552 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.1	55.8	83.8
206	21.3	18.2	27.2





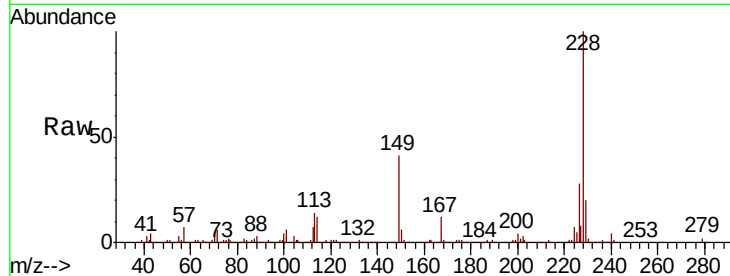
#81
Benzo(a)anthracene
Concen: 41.743 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.4	35.0
229	20.3	17.2	25.8

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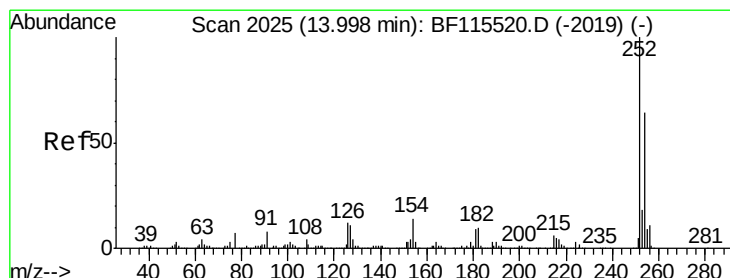
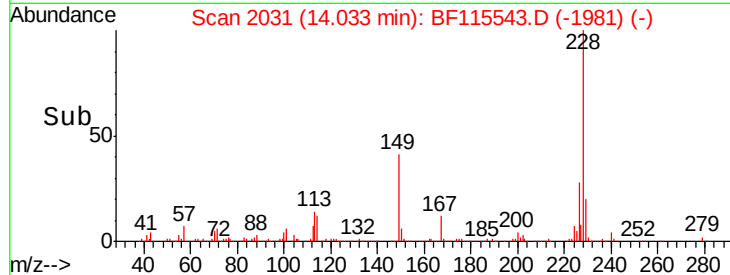
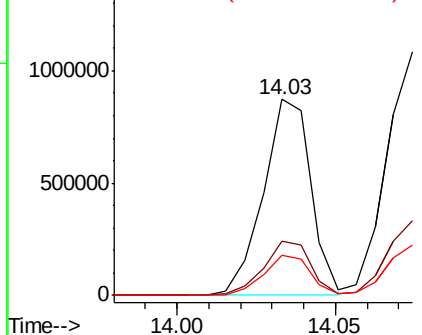


Abundance

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: 30.012 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

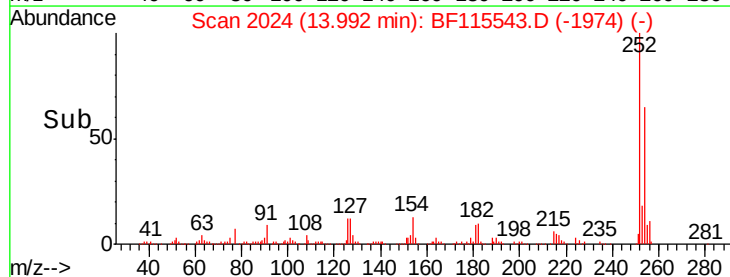
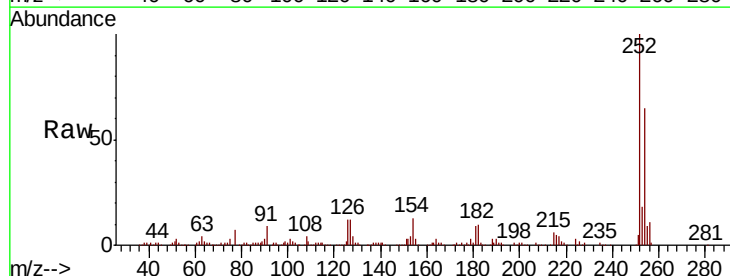
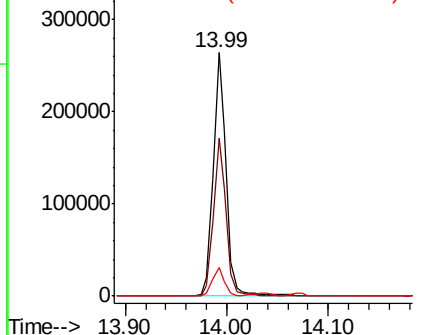
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.9	79.3
126	11.5	9.9	14.9

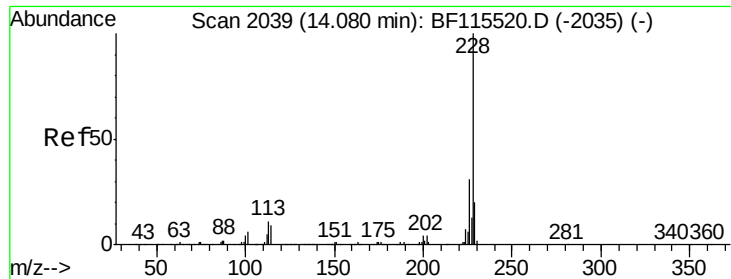
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





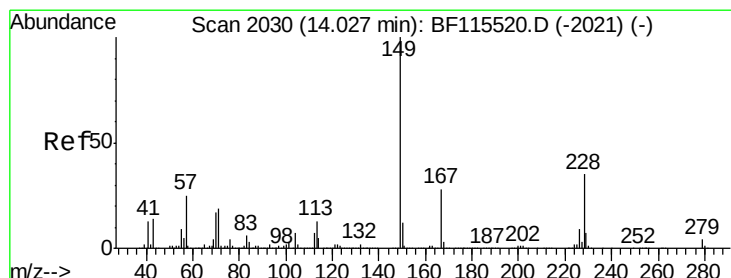
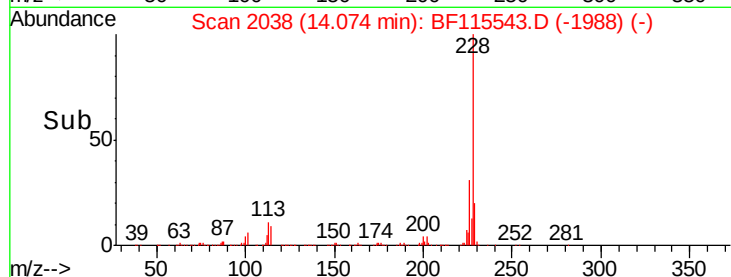
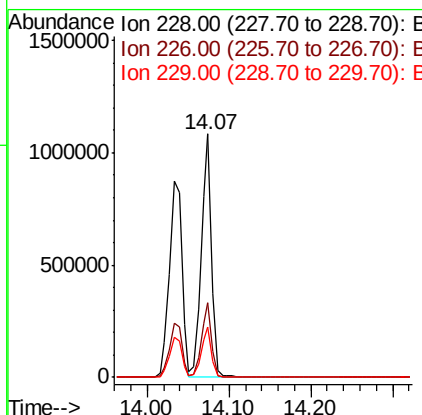
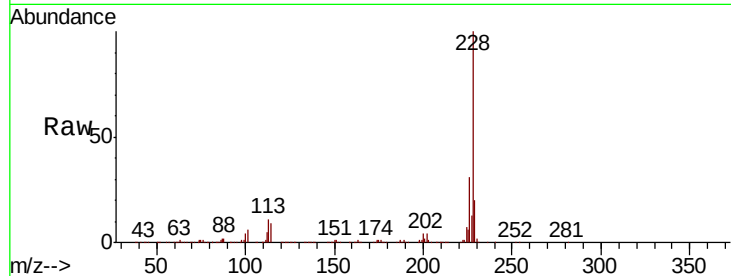
#83
 Chrysene
 Concen: 43.173 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071019-AMSD

Tot Ion:	228	Resp:	950001
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.7	38.5
229	20.5	16.6	25.0

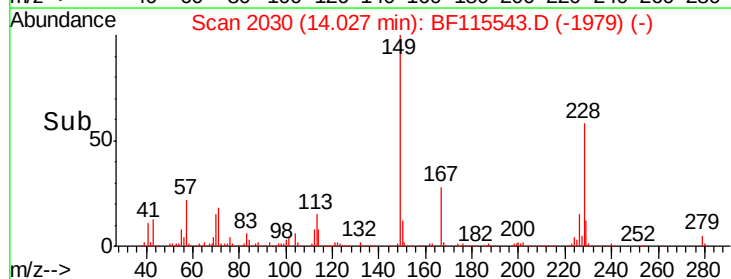
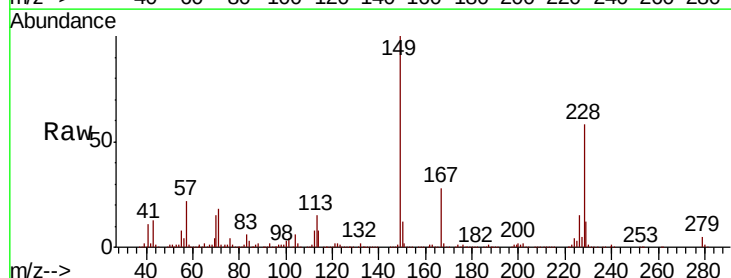
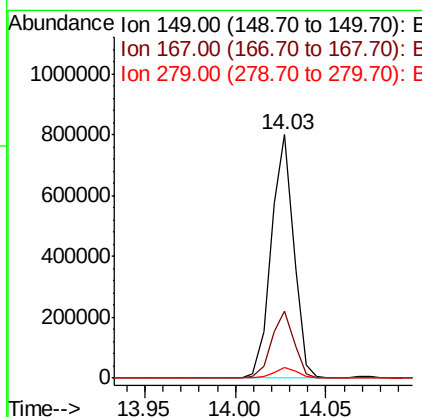
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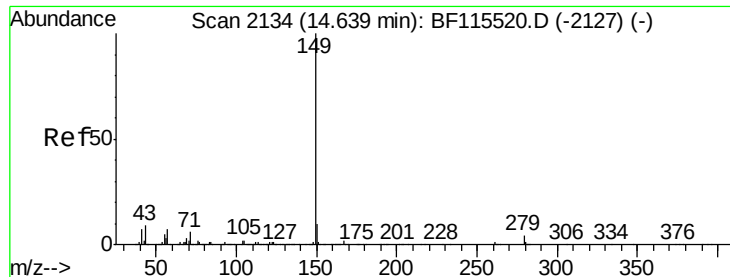
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.241 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion:	149	Resp:	688310
Ion Ratio	Lower	Upper	
149	100		
167	27.8	23.0	34.4
279	4.6	4.2	6.2





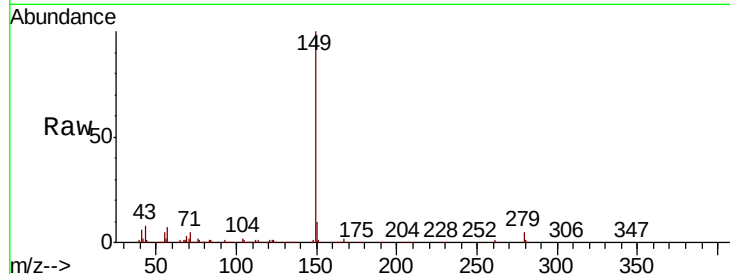
#85
Di-n-octyl phthalate
Concen: 49.363 ng
RT: 14.64 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

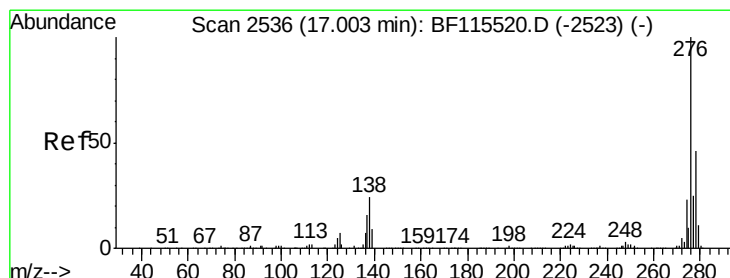
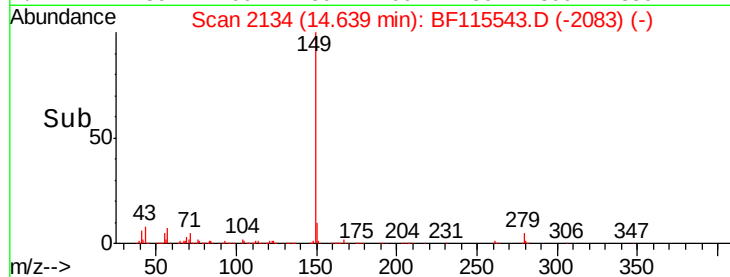
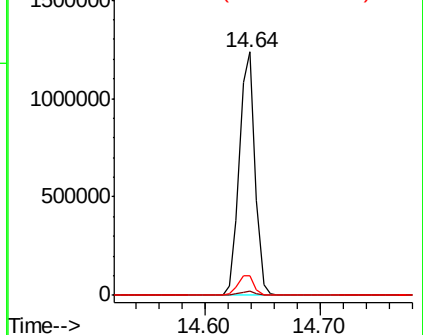
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.4	7.2	10.8

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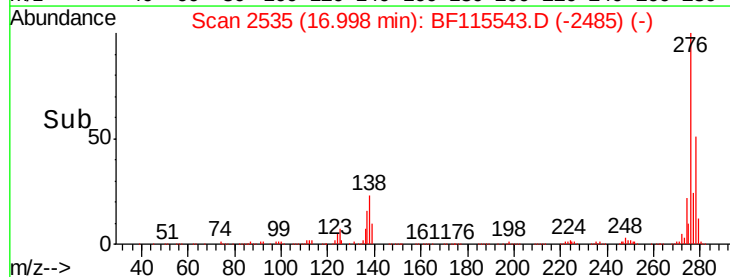
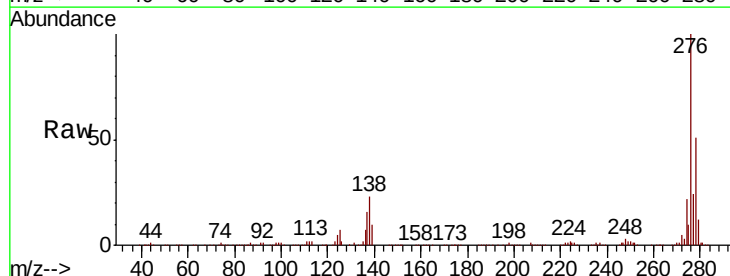
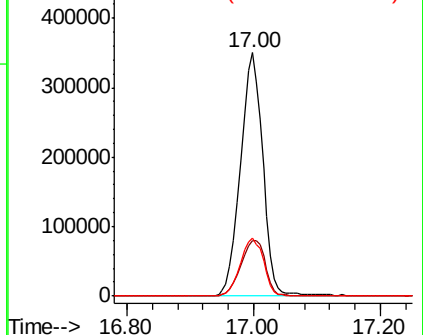
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

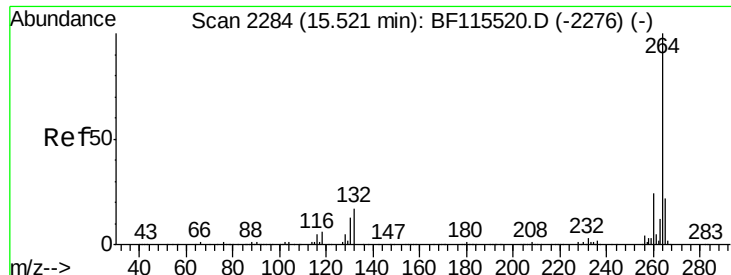


#86
Indeno(1,2,3-cd)pyrene
Concen: 45.721 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.2	30.2
277	25.2	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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

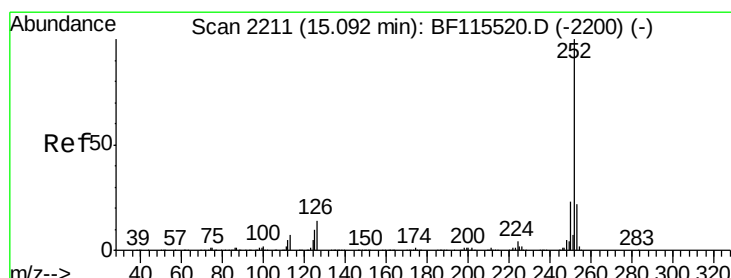
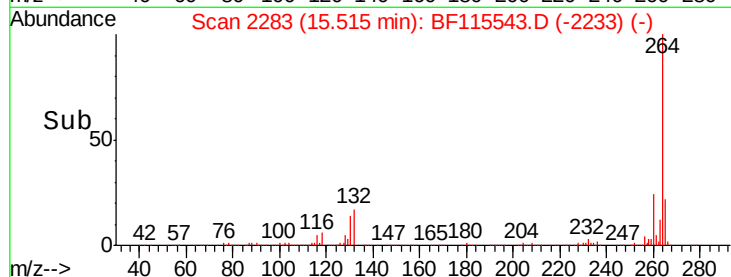
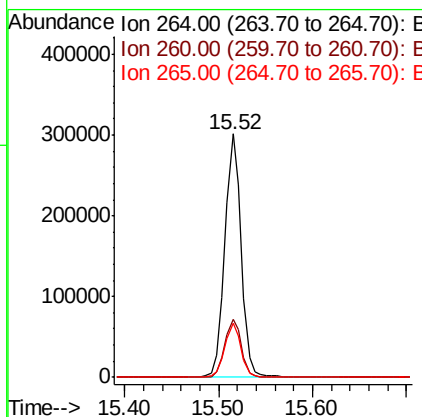
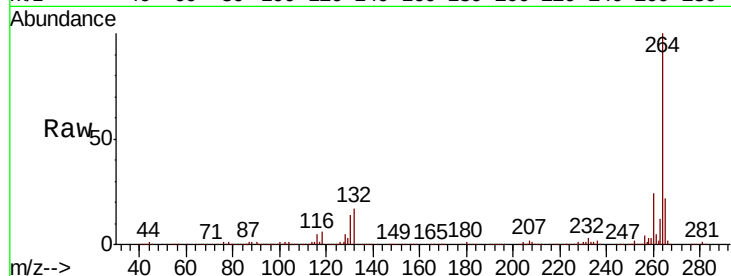
ClientSampleId :

OK-03-071019-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.8	19.8	29.8		
265	22.1	17.7	26.5		

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#88

Benzo(b)fluoranthene

Concen: 43.224 ng

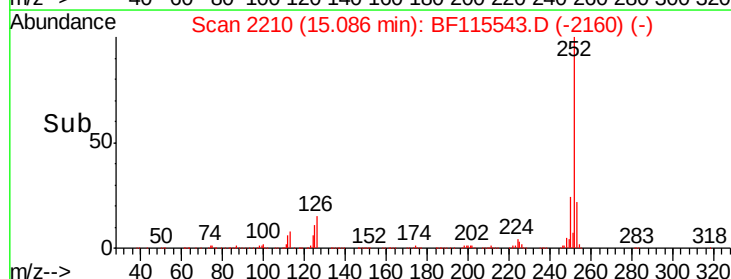
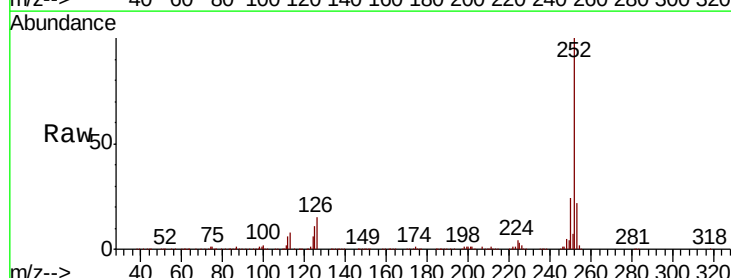
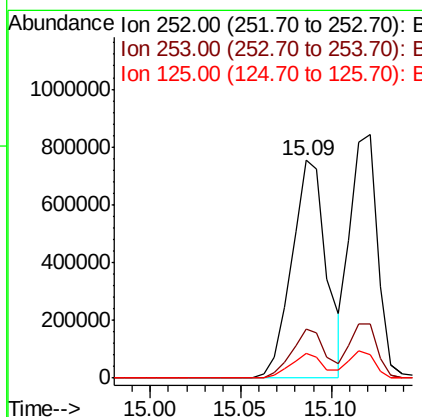
RT: 15.09 min Scan# 2210

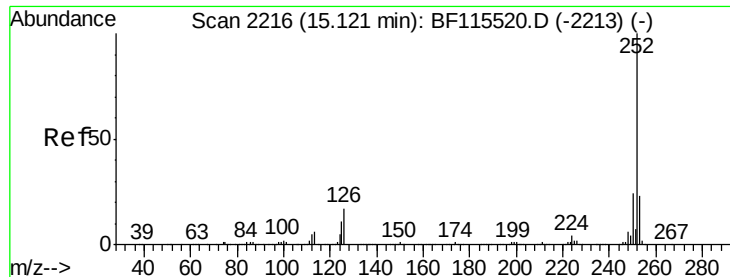
Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.3	18.1	27.1		
125	11.2	9.0	13.4		





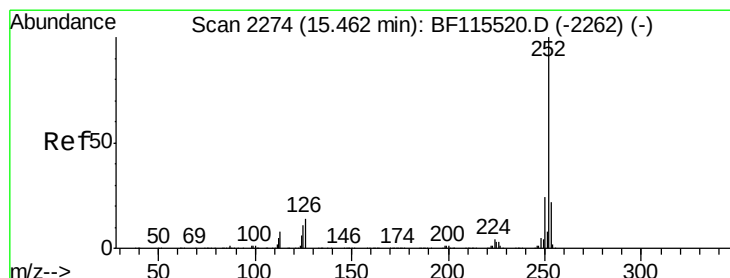
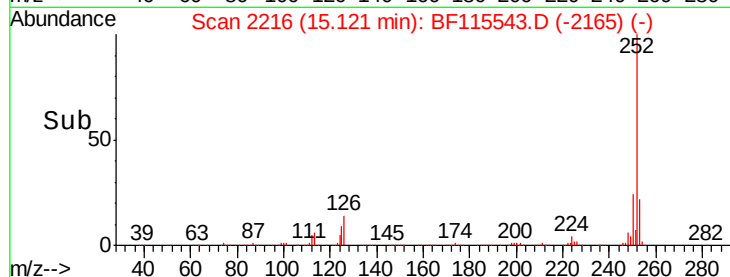
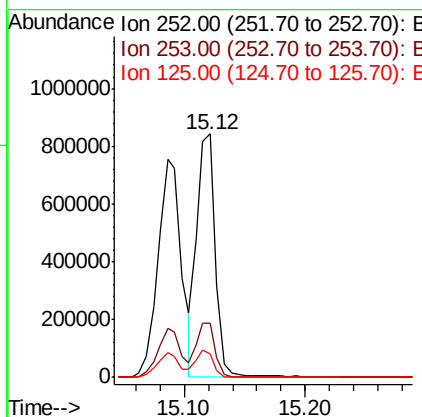
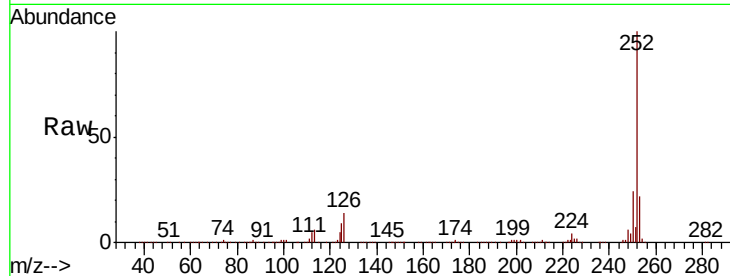
#89
Benzo(k)fluoranthene
Concen: 42.568 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	28.0
125	9.5	9.0	13.6

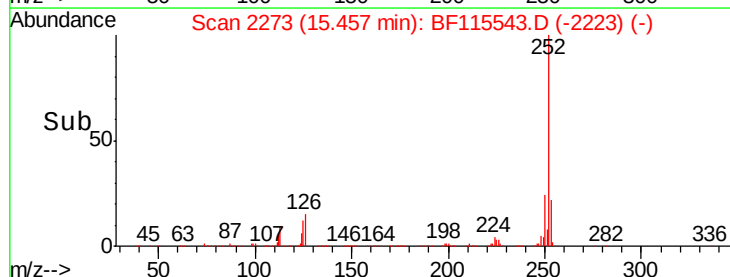
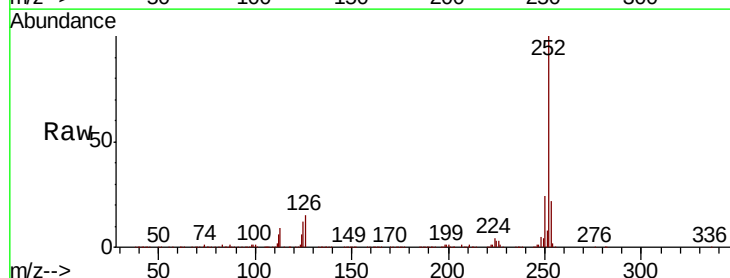
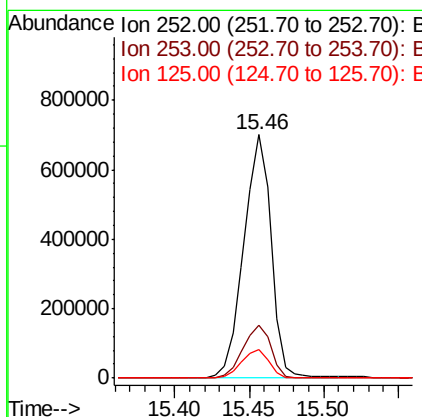
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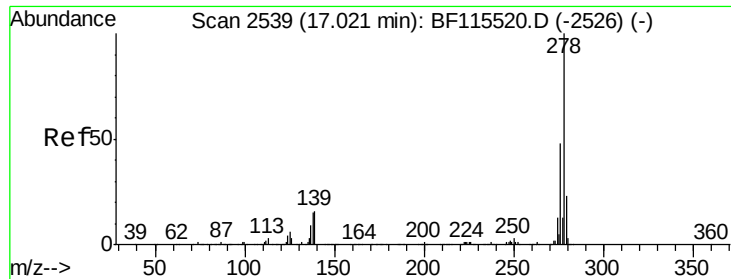
mohammad
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#90
Benzo(a)pyrene
Concen: 43.854 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.6	9.1	13.7





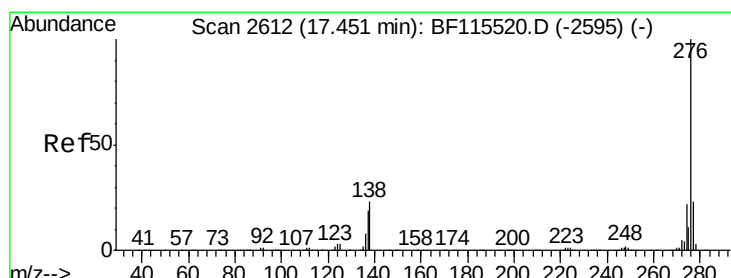
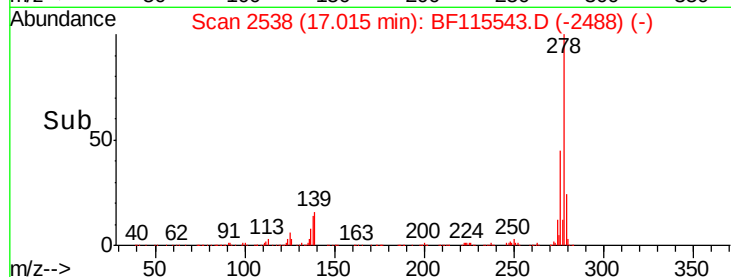
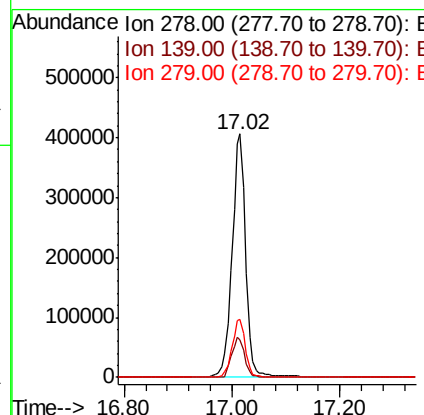
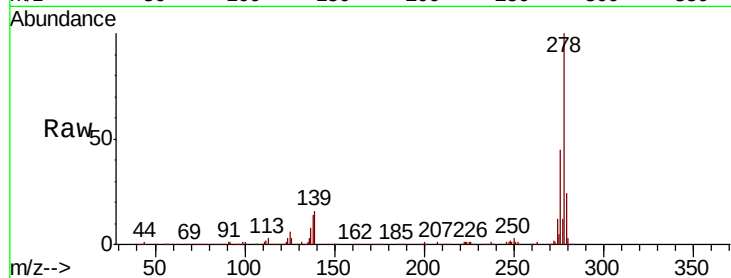
#91
Dibenzo(a,h)anthracene
Concen: 41.228 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Tot Ion:278	Resp:	733851
Ion Ratio	Lower	Upper
278	100	
139	15.6	13.1 19.7
279	23.6	19.6 29.4

Manual Integrations
APPROVED

mohammad
7/15/2019 2:57:37 PM



#92
Benzo(g,h,i)perylene
Concen: 37.468 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:276	Resp:	665134
Ion Ratio	Lower	Upper
276	100	
277	24.2	19.0 28.4
138	22.9	17.2 25.8

