

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
 Data File : BF115844.D
 Acq On : 30 Jul 2019 15:35
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
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mohammad
 8/1/2019 5:05:53 PM

Quant Time: Jul 30 16:55:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:48:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134325	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	541021	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	280582	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	474907	20.00	ng	0.00
76) Chrysene-d12	14.03	240	299977	20.00	ng	0.00
87) Perylene-d12	15.49	264	286587	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1443601	172.06	ng	0.01
7) Phenol-d6	6.50	99	1829311	169.75	ng	0.02
23) Nitrobenzene-d5	7.43	82	1732849	177.34	ng	0.01
42) 2,4,6-Tribromophenol	10.69	330	485460	160.35	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.97	244	2652381	180.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	404954	93.841	ng	100
3) Pyridine	3.38	79	1163171	101.540	ng	98
4) n-Nitrosodimethylamine	3.35	42	454183	91.215	ng	96
6) Aniline	6.53	93	1328792	89.331	ng	99
8) 2-Chlorophenol	6.65	128	805552	85.291	ng	99
10) Phenol	6.52	94	1074215	85.886	ng	81
11) bis(2-Chloroethyl)ether	6.60	93	831474	88.591	ng	99
12) 1,3-Dichlorobenzene	6.80	146	923939	87.404	ng	97
13) 1,4-Dichlorobenzene	6.87	146	921183	88.036	ng	98
14) 1,2-Dichlorobenzene	7.03	146	800126	84.250	ng	98
15) Benzyl Alcohol	7.00	79	676834	84.686	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1083975	87.871	ng	97
17) 2-Methylphenol	7.12	107	724238	89.311	ng	98
18) Hexachloroethane	7.37	117	351600	89.995	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	585635	86.048	ng	98
20) 3+4-Methylphenols	7.27	107	738411	80.372	ng	88
22) Acetophenone	7.27	105	1039356	84.800	ng	# 95
24) Nitrobenzene	7.45	77	943204	89.101	ng	97
25) Isophorone	7.69	82	1727326	89.397	ng	99
26) 2-Nitrophenol	7.76	139	470755	89.832	ng	99
27) 2,4-Dimethylphenol	7.80	122	673437	88.925	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	1022979	88.724	ng	99
29) 2,4-Dichlorophenol	8.00	162	686827	86.782	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	788962	89.008	ng	98
31) Naphthalene	8.16	128	2199713	84.122	ng	98
32) Benzoic acid	7.97	122	592586	100.040	ng	96
33) 4-Chloroaniline	8.21	127	1006603	83.571	ng	98
34) Hexachlorobutadiene	8.28	225	439848	86.868	ng	99
35) Caprolactam	8.63	113	235610m	88.683	ng	
36) 4-Chloro-3-methylphenol	8.70	107	730135	86.406	ng	97
37) 2-Methylnaphthalene	8.86	142	1442600	84.026	ng	99
38) 1-Methylnaphthalene	8.96	142	1362964	83.022	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	657175	81.178	ng	99
41) Hexachlorocyclopentadiene	9.01	237	338946	105.073	ng	99

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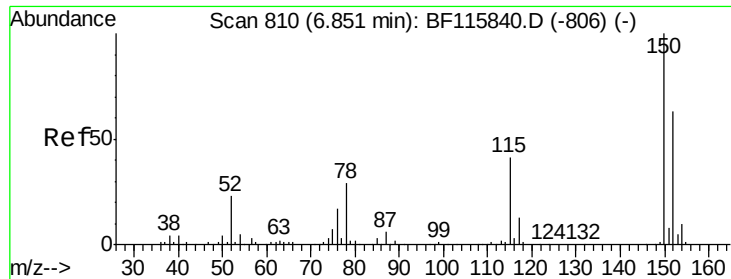
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.14	196	484346	87.045	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	511708	88.220	nq	99
46) 1,1'-Biphenyl	9.33	154	1674120	79.106	nq	99
47) 2-Chloronaphthalene	9.35	162	1454711	82.328	nq	96
48) 2-Nitroaniline	9.45	65	512560	84.658	nq	93
49) Acenaphthylene	9.77	152	2041040	77.670	nq	99
50) Dimethylphthalate	9.63	163	1750748	83.194	nq	100
51) 2,6-Dinitrotoluene	9.69	165	390455	83.803	nq	98
52) Acenaphthene	9.94	154	1266419	79.105	nq	100
53) 3-Nitroaniline	9.86	138	480344	84.032	nq	93
54) 2,4-Dinitrophenol	9.97	184	215798	98.451	nq	95
55) Dibenzofuran	10.11	168	1754527	76.531	nq	95
56) 4-Nitrophenol	10.03	139	342847	87.636	nq	92
57) 2,4-Dinitrotoluene	10.10	165	491538	82.085	nq	91
58) Fluorene	10.45	166	1361835	76.853	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	418242	86.886	nq	99
60) Diethylphthalate	10.33	149	1532182	80.548	nq	98
61) 4-Chlorophenyl-phenylether	10.44	204	688648	78.432	nq	99
62) 4-Nitroaniline	10.49	138	505749	85.917	nq	98
63) Azobenzene	10.60	77	1572551	77.946	nq	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	276098	100.094	nq	91
66) n-Nitrosodiphenylamine	10.56	169	1295929	89.051	nq	98
67) 4-Bromophenyl-phenylether	10.93	248	459647	88.996	nq	99
68) Hexachlorobenzene	11.00	284	534282	90.553	nq	98
69) Atrazine	11.09	200	416647	124.404	nq	99
70) Pentachlorophenol	11.19	266	305556	101.690	nq	97
71) Phenanthrene	11.42	178	2092805	86.013	nq	98
72) Anthracene	11.47	178	2096547	85.932	nq	98
73) Carbazole	11.62	167	1938198	85.233	nq	100
74) Di-n-butylphthalate	11.95	149	2201255	87.108	nq	99
75) Fluoranthene	12.60	202	2180721	85.495	nq	97
77) Benzidine	12.72	184	845271	94.358	nq	# 94
78) Pyrene	12.83	202	2237632	92.955	nq	99
80) Butylbenzylphthalate	13.44	149	951407	95.330	nq	95
81) Benzo(a)anthracene	14.02	228	1776166	88.028	nq	98
82) 3,3'-Dichlorobenzidine	13.98	252	580773	87.518	nq	98
83) Chrysene	14.06	228	1693183	86.271	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1166688	92.959	nq	99
85) Di-n-octyl phthalate	14.62	149	1753670	87.875	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1749051	92.407	nq	99
88) Benzo(b)fluoranthene	15.07	252	1546245	87.180	nq	96
89) Benzo(k)fluoranthene	15.10	252	1456972	93.042	nq	99
90) Benzo(a)pyrene	15.44	252	1422475	91.397	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	1378465	98.518	nq	99
92) Benzo(g,h,i)perylene	17.44	276	1462003	101.986	nq	99

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



#1

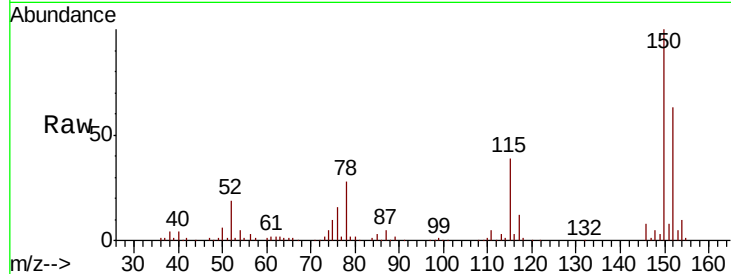
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	127.4	191.0
115	61.6	51.8	77.8

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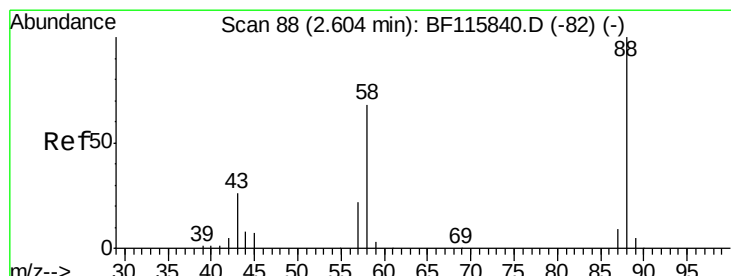
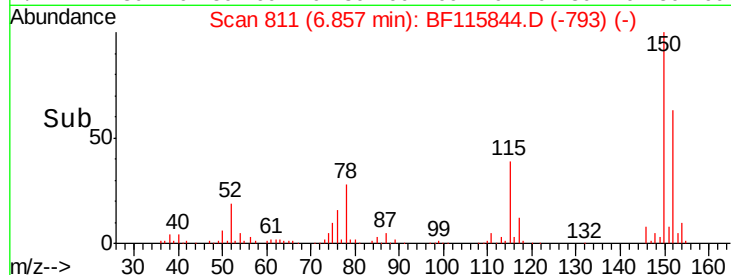
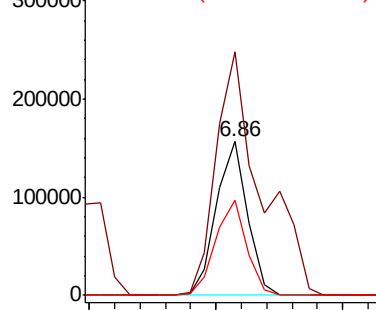


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

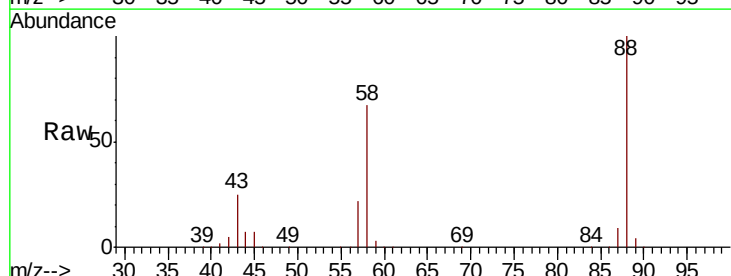
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 93.841 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	54.1	81.1
43	25.8	20.7	31.1

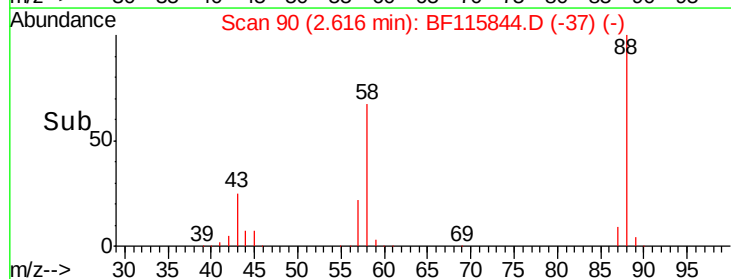
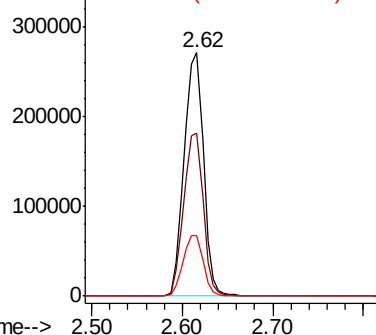


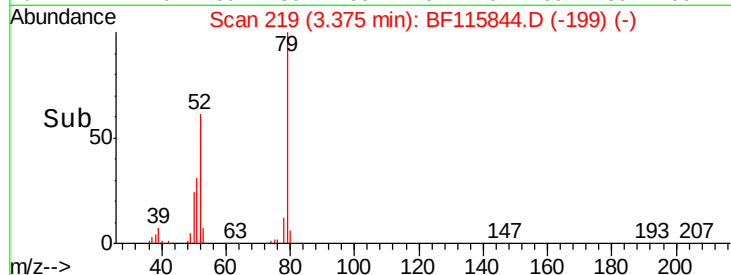
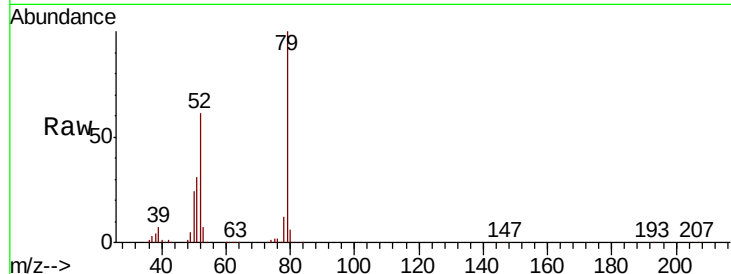
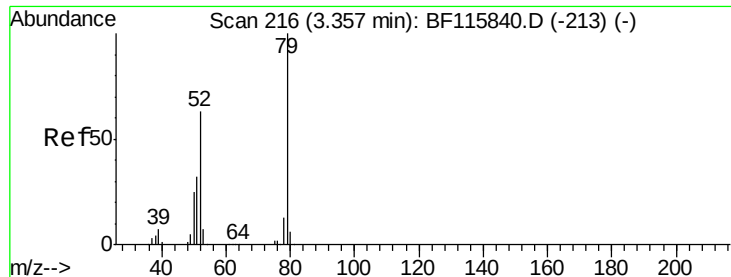
Abundance

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





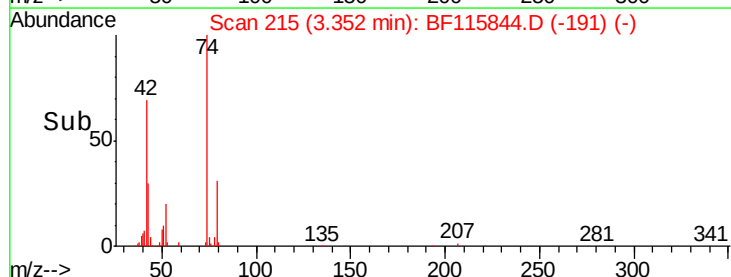
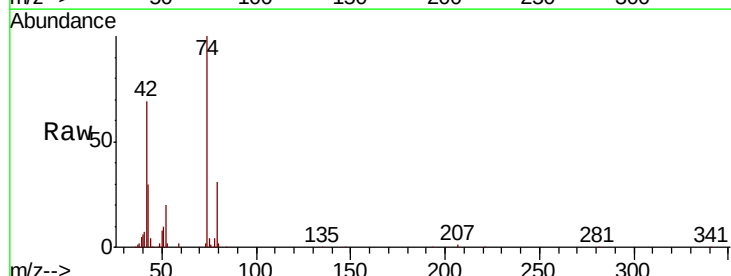
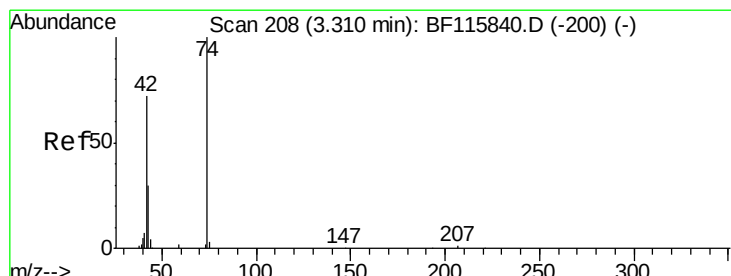
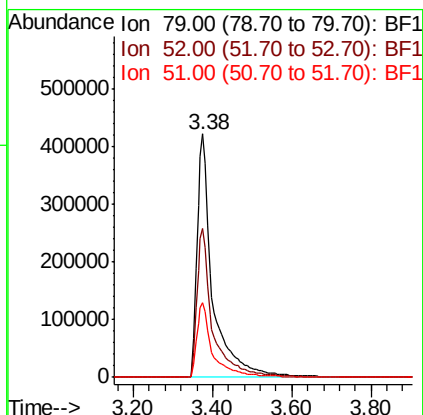
#3
Pvridine
Concen: 101.540 ng
RT: 3.38 min Scan# 219
Delta R.T. 0.02 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tot Ion: 79 Resp: 1163171
Ion Ratio Lower Upper
79 100
52 61.1 50.2 75.4
51 30.9 25.8 38.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

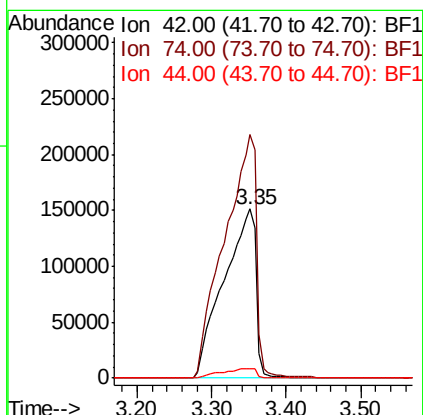
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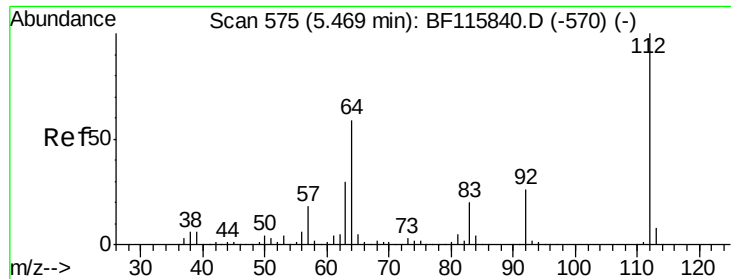
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#4
n-Nitrosodimethylamine
Concen: 91.215 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.04 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion: 42 Resp: 454183
Ion Ratio Lower Upper
42 100
74 144.2 111.0 166.4
44 5.9 4.7 7.1





#5

2-Fluorophenol

Concen: 172.056 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:112 Resp: 1443601

Ion Ratio Lower Upper

112 100

64 57.5 46.8 70.2

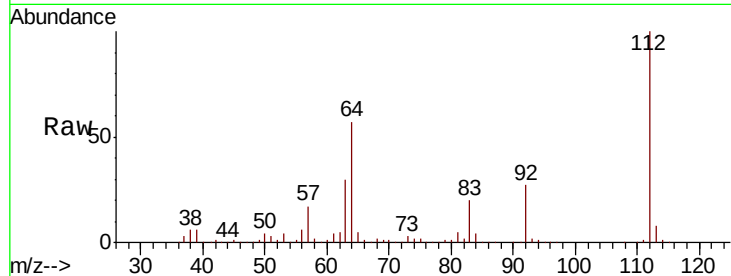
63 30.4 24.2 36.2

Manual Integrations

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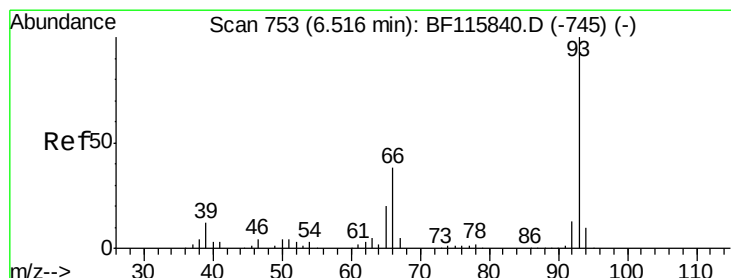
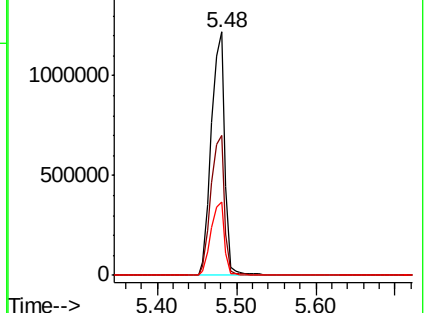
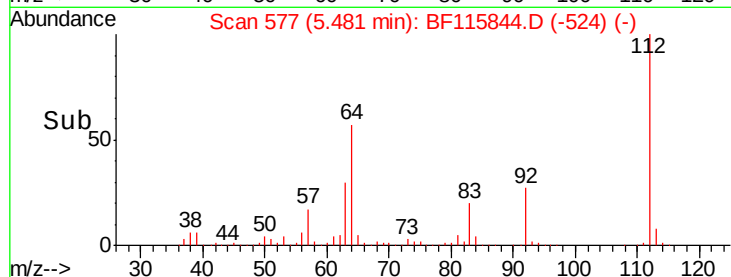
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 89.331 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.02 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

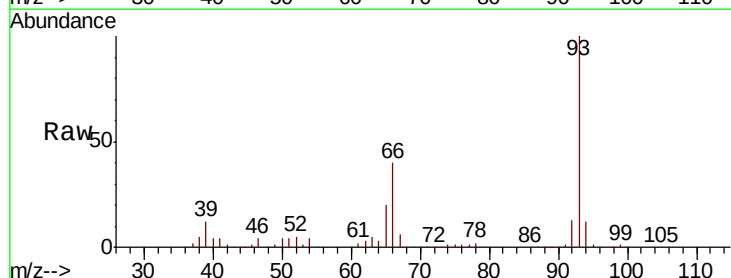
Tgt Ion: 93 Resp: 1328792

Ion Ratio Lower Upper

93 100

66 39.5 31.4 47.0

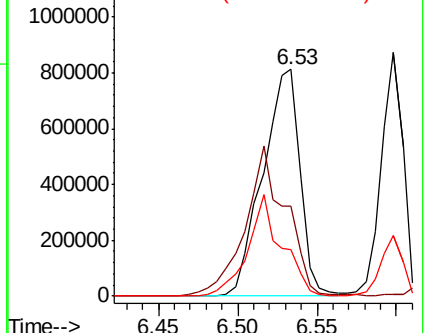
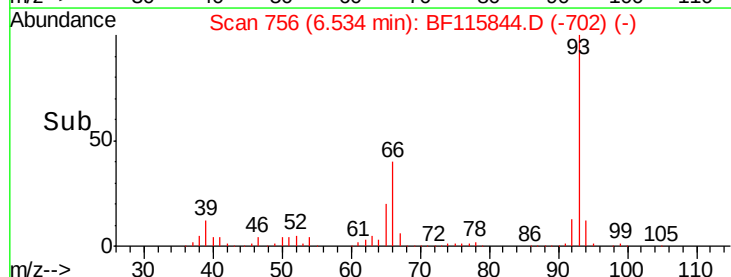
65 20.4 16.5 24.7

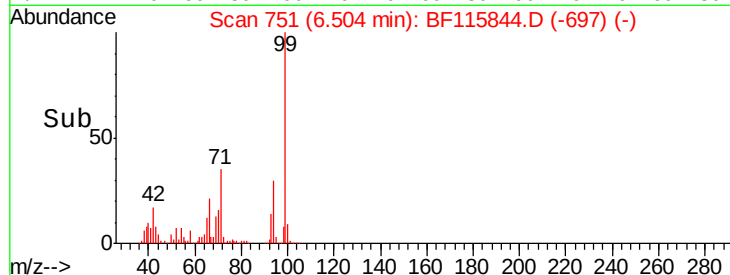
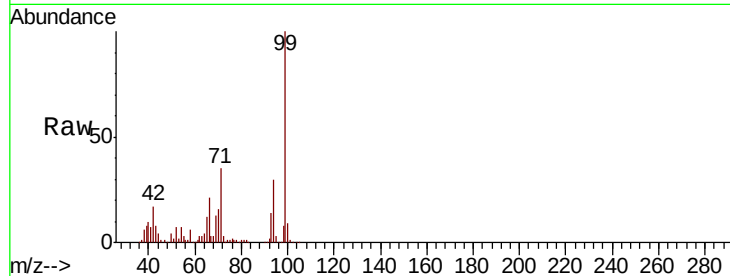
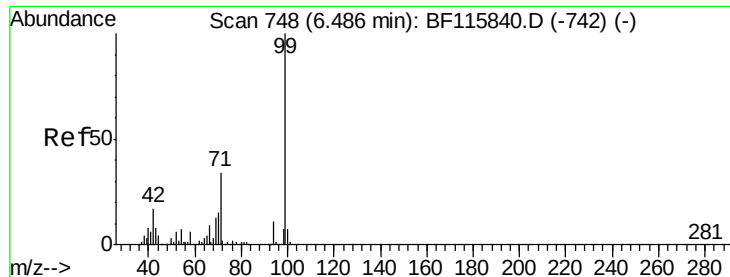


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 169.746 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.02 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Tot Ion:	99	Resp:	1829311
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	34.6	27.1	40.7

Instrument :

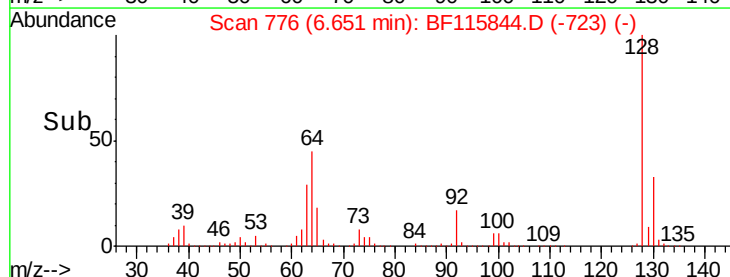
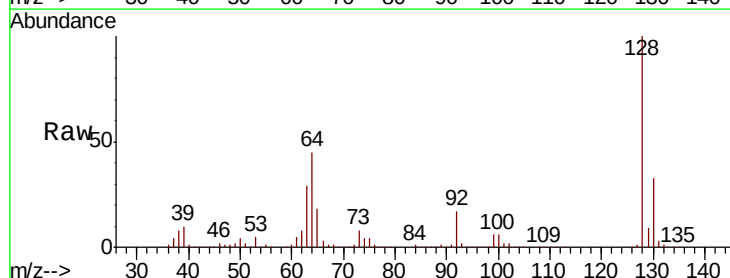
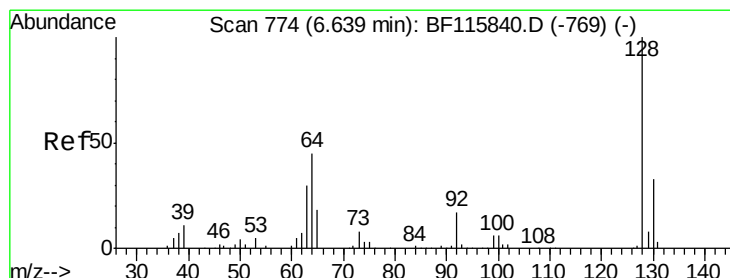
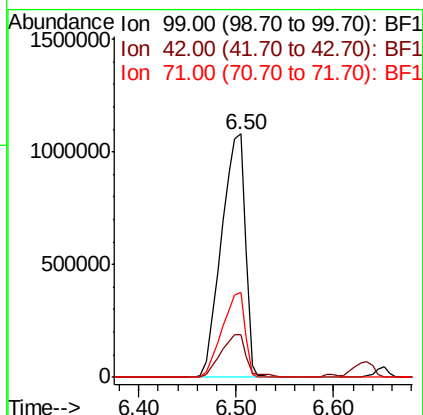
BNA_F

ClientSampled :

SSTDICC100

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#8

2-Chlorophenol

Concen: 85.291 ng

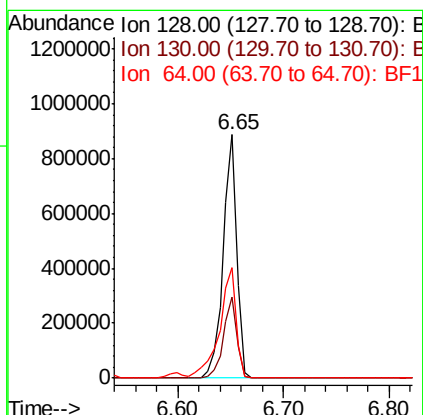
RT: 6.65 min Scan# 776

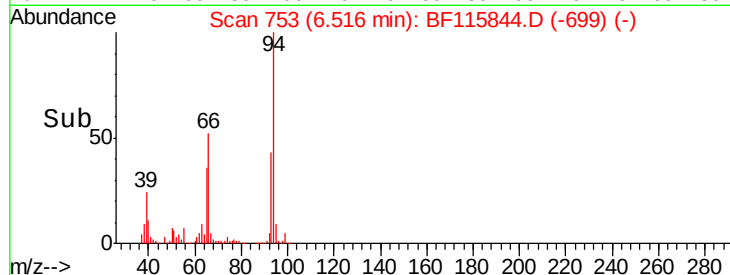
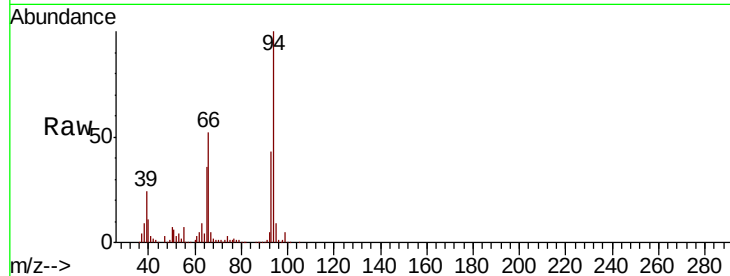
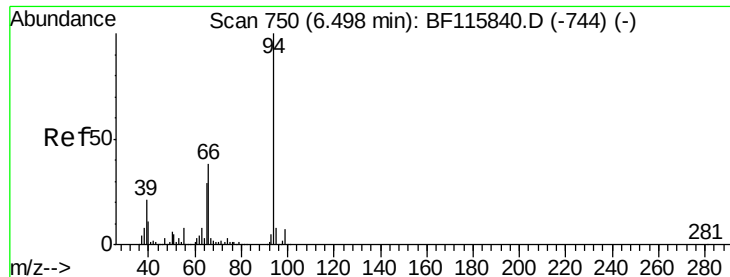
Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Tgt Ion:	128	Resp:	805552
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.9	52.9
64	45.3	26.1	66.1





#10

Phenol

Concen: 85.886 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Tot Ion: 94 Resp: 1074215

Ion Ratio Lower Upper

94 100

65 35.6 8.9 48.9

66 52.5 18.0 58.0

Instrument :

BNA_F

ClientSampleId :

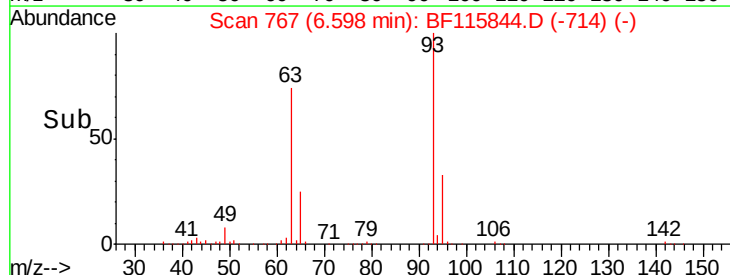
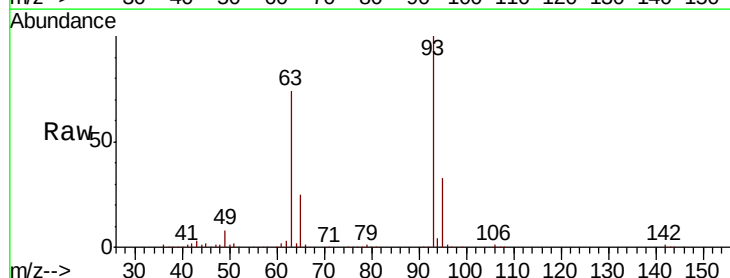
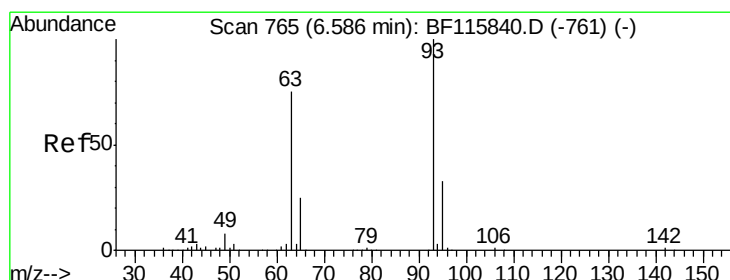
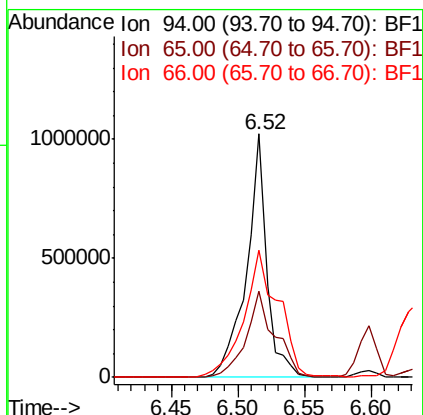
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#11

bis(2-Chloroethyl)ether

Concen: 88.591 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

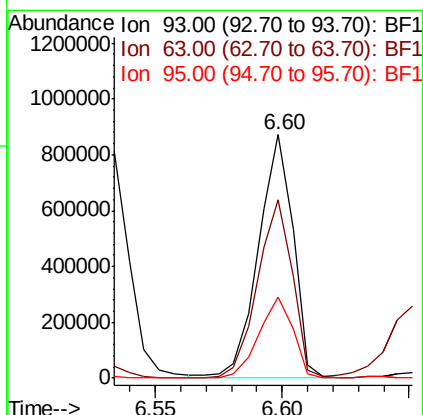
Tgt Ion: 93 Resp: 831474

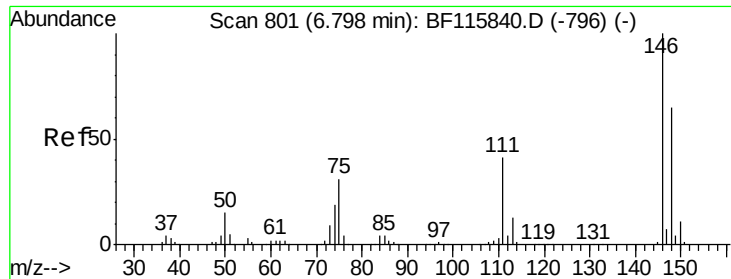
Ion Ratio Lower Upper

93 100

63 73.5 54.9 94.9

95 33.4 13.3 53.3





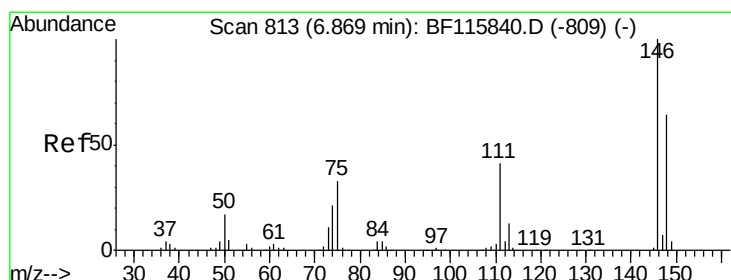
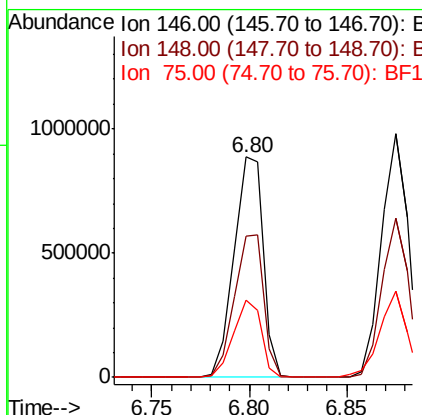
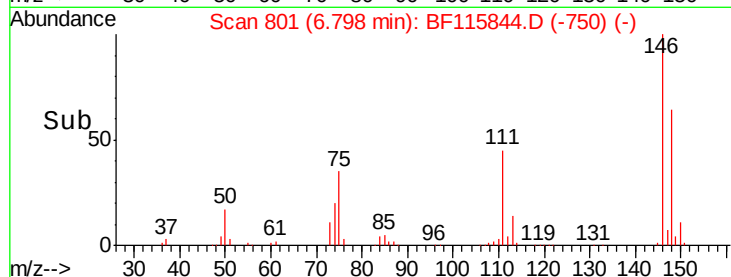
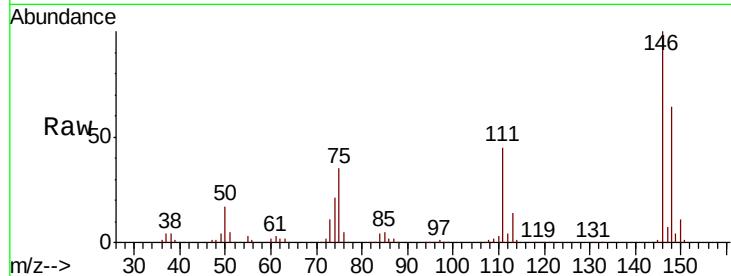
#12
 1,3-Dichlorobenzene
 Concen: 87.404 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.1	78.1
75	35.2	25.0	37.6

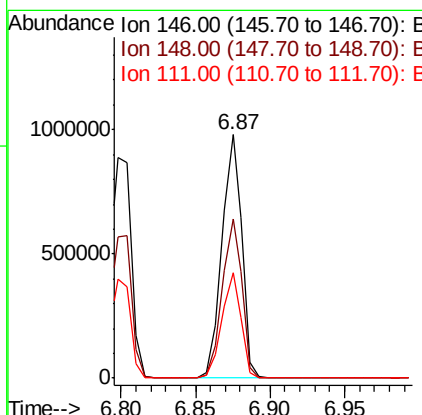
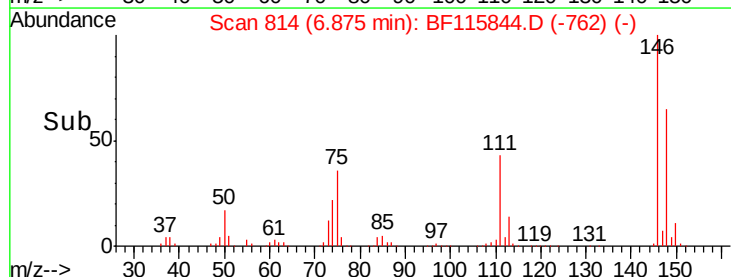
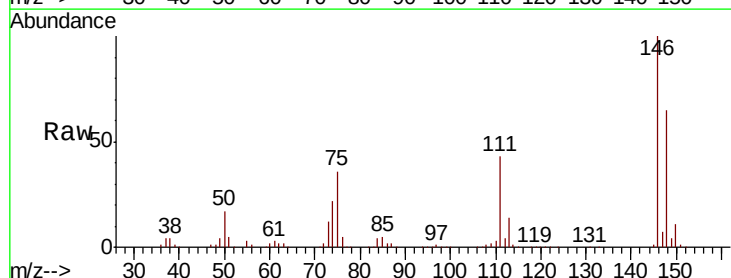
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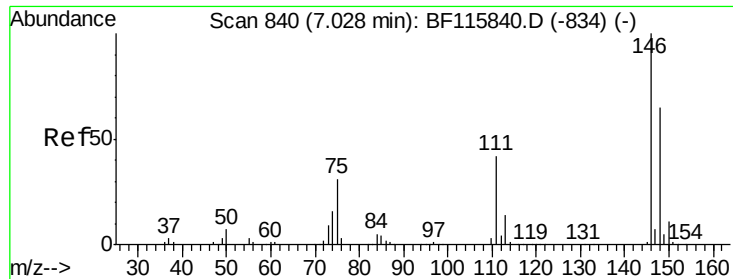
mohammad
 8/1/2019 5:05:53 PM



#13
 1,4-Dichlorobenzene
 Concen: 88.036 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.2	76.8
111	43.4	33.2	49.8





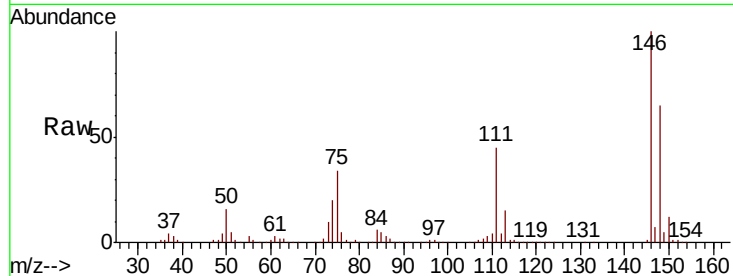
#14
1,2-Dichlorobenzene
Concen: 84.250 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.6	77.4
111	44.9	33.6	50.4

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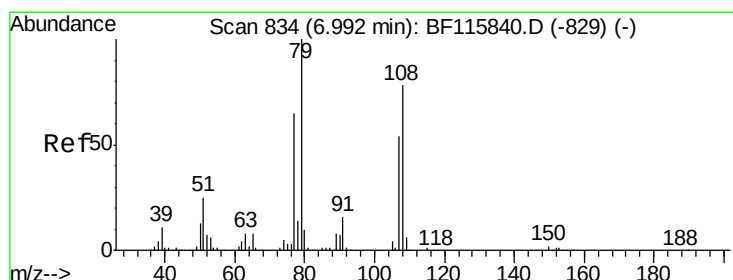
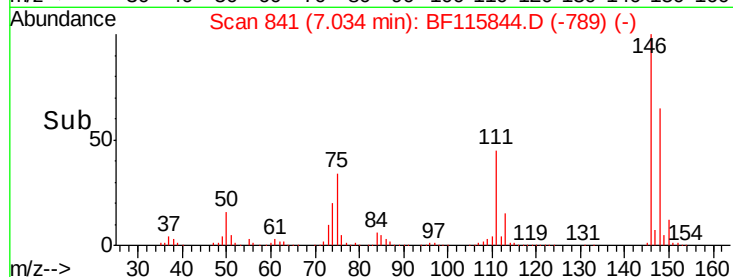
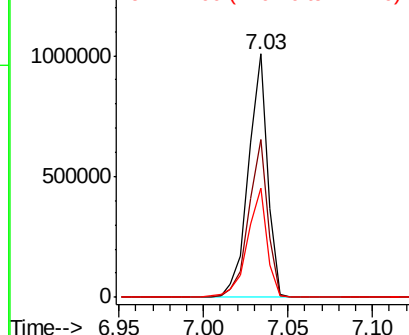


Abundance

Ion 146.00 (145.70 to 146.70): E

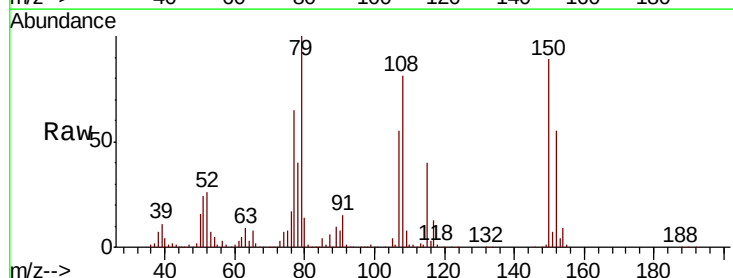
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15
Benzyl Alcohol
Concen: 84.686 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
79	100		
108	80.7	62.8	94.2
77	65.1	52.0	78.0

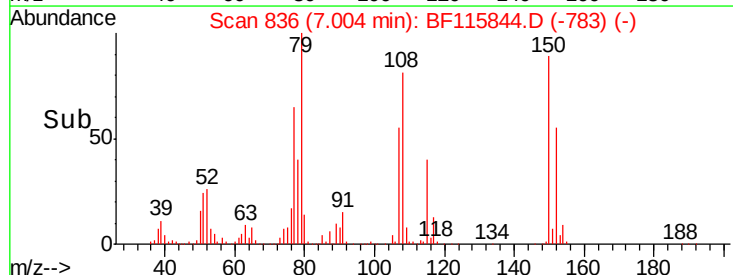
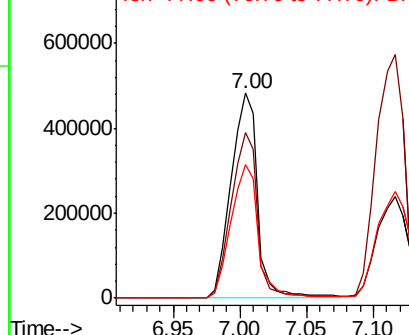


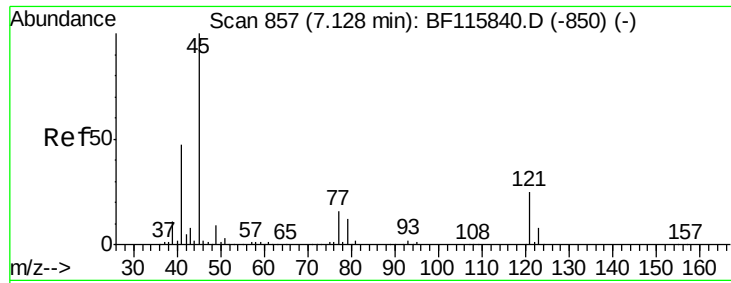
Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1





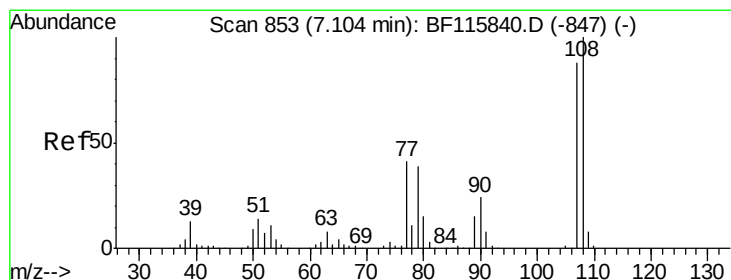
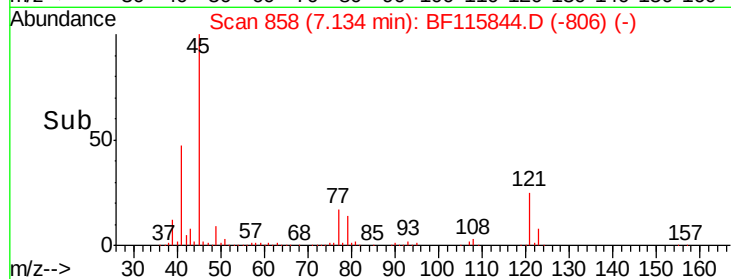
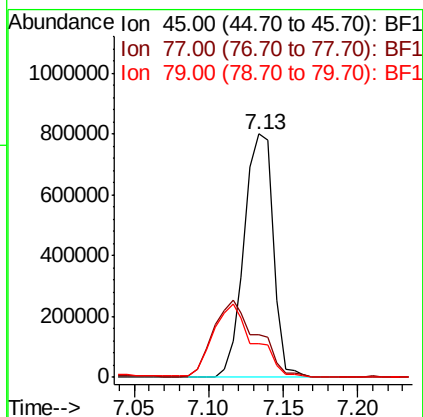
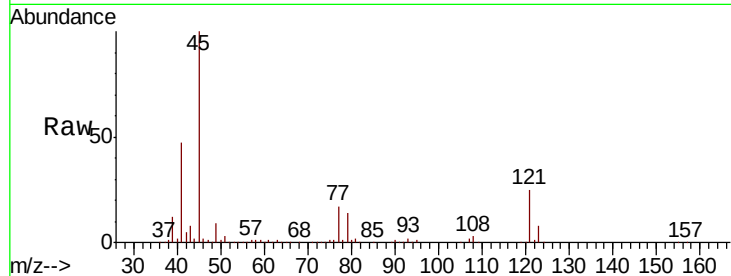
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 87.871 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	36.3
79	13.9	0.0	32.5

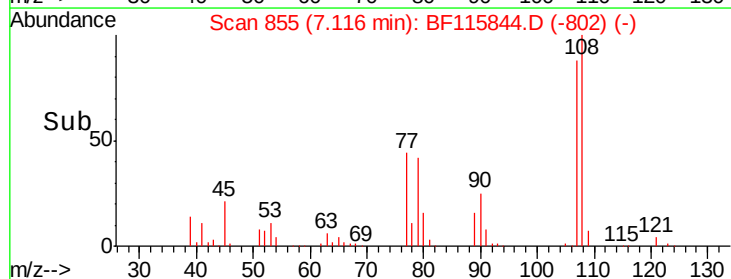
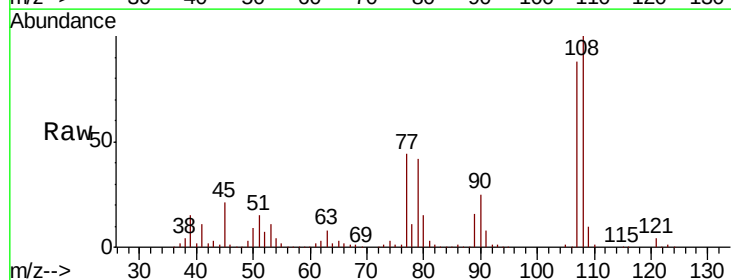
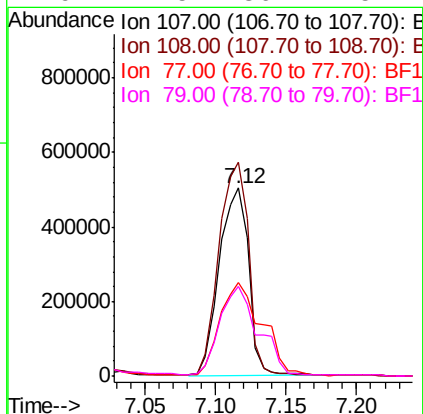
Manual Integrations
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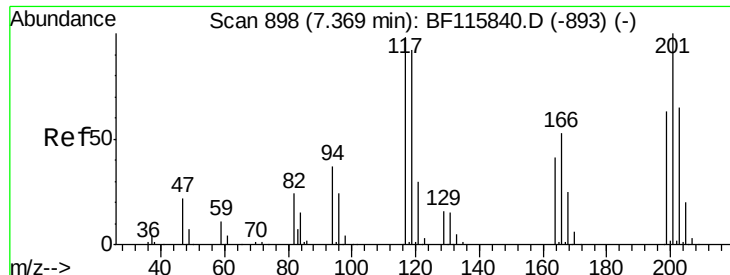
mohammad
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#17
2-Methylphenol
Concen: 89.311 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.4	137.0
77	50.1	37.6	56.4
79	47.5	36.2	54.4





#18

Hexachloroethane

Concen: 89.995 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Instrument :

BNA_F

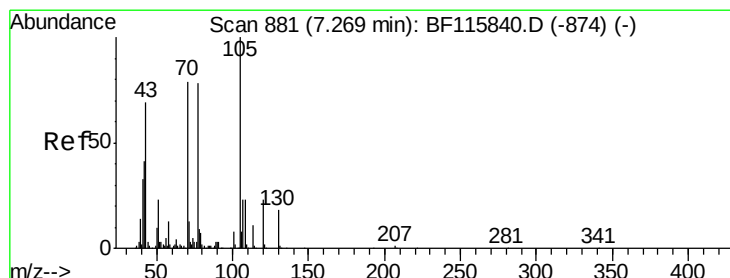
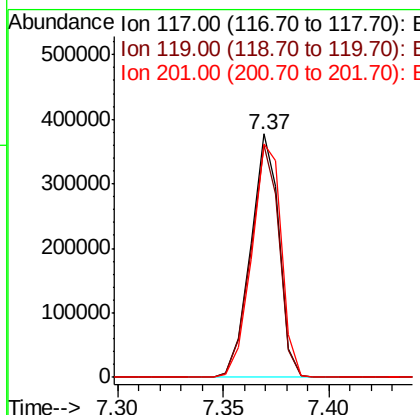
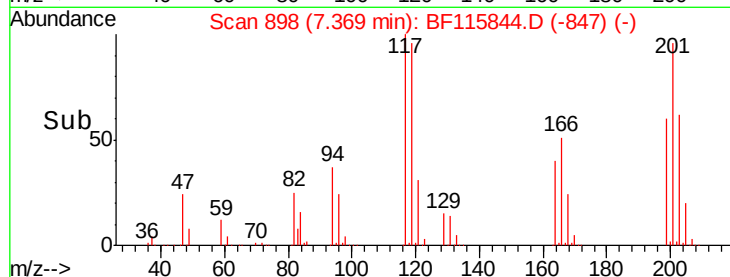
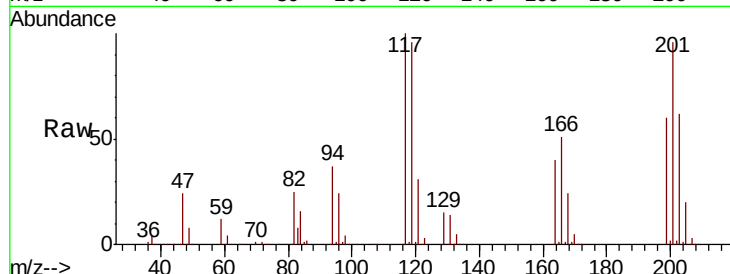
ClientSampleId :

SSTDICC100

Tot Ion:	117	Resp:	351600
Ion Ratio	Lower	Upper	
117	100		
119	95.6	75.8	113.6
201	95.8	82.0	123.0

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#19

n-Nitroso-di-n-propylamine

Concen: 86.048 ng

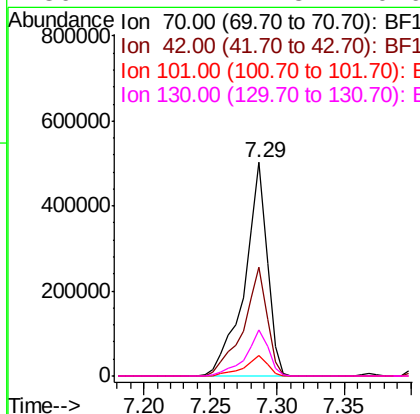
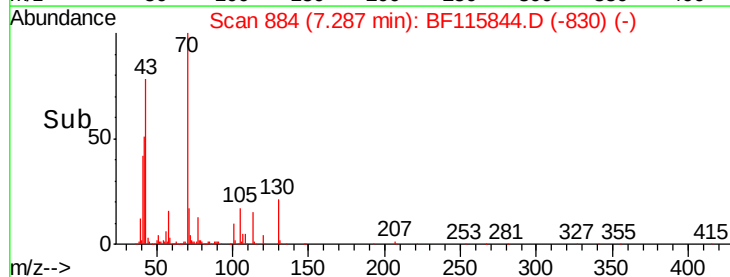
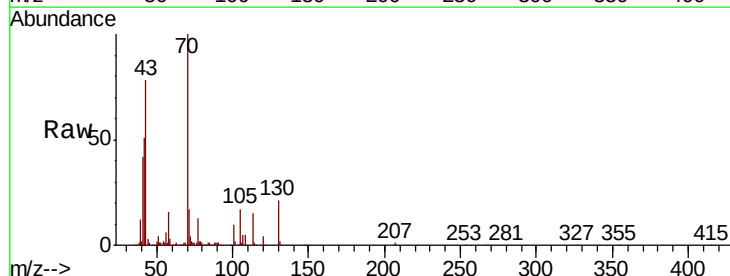
RT: 7.29 min Scan# 884

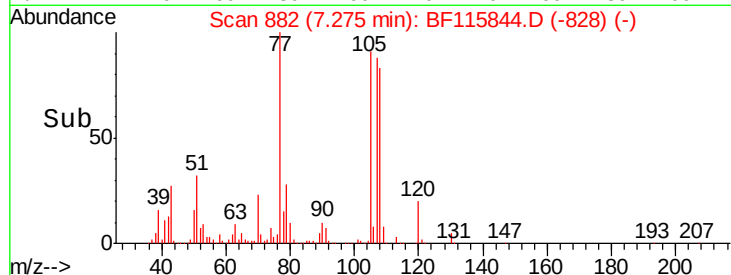
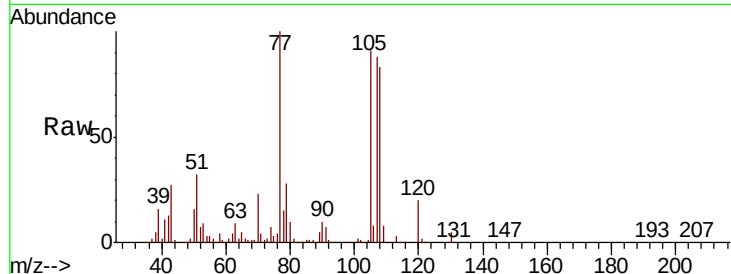
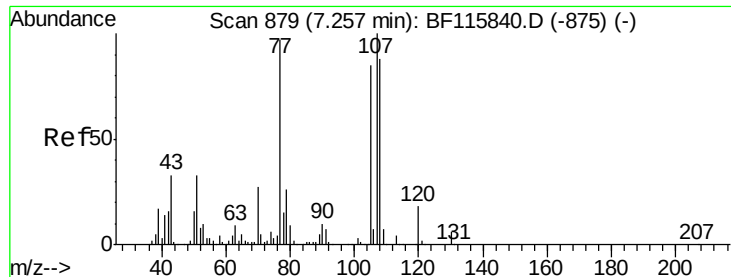
Delta R.T. 0.02 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

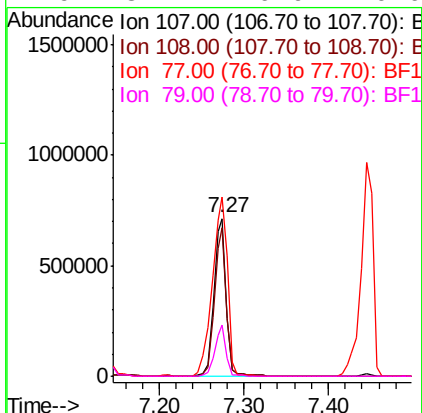
Tgt Ion:	70	Resp:	585635
Ion Ratio	Lower	Upper	
70	100		
42	51.1	41.8	62.8
101	9.8	7.7	11.5
130	21.4	17.8	26.6





#20
3+4-Methylphenols
Concen: 80.372 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.02 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

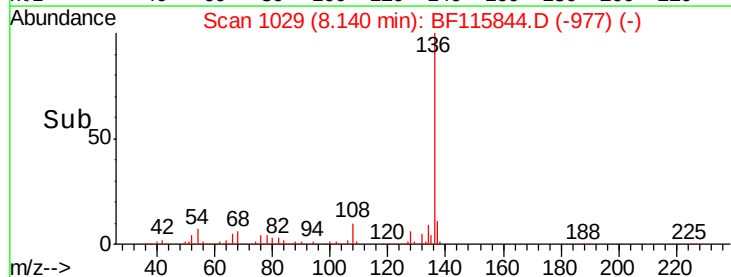
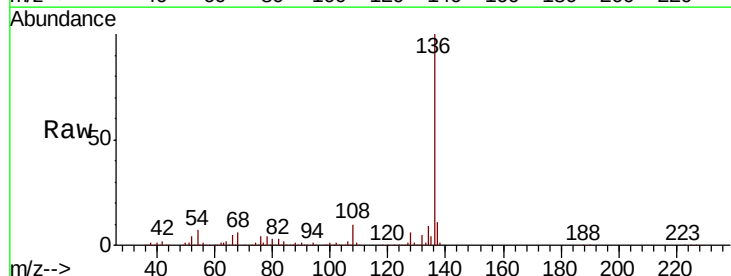
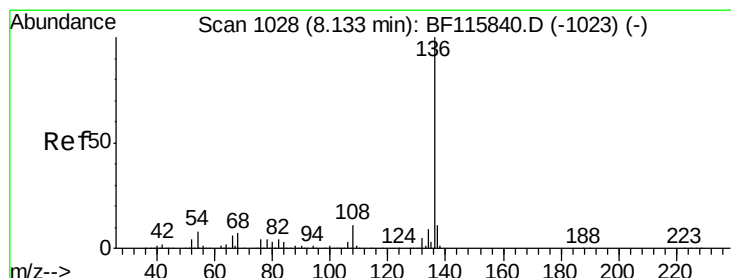
Tot Ion	Ion	Ratio	Resp	Lower	Upper
738411	107	100			
	108	93.8	67.9	107.9	
	77	113.7	77.3	117.3	
	79	32.2	6.6	46.6	



Instrument :
BNA_F
ClientSampleId :
SSTDIC100

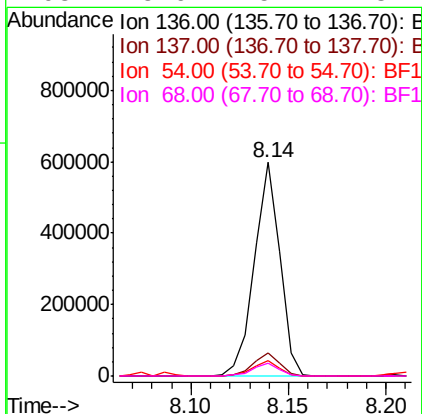
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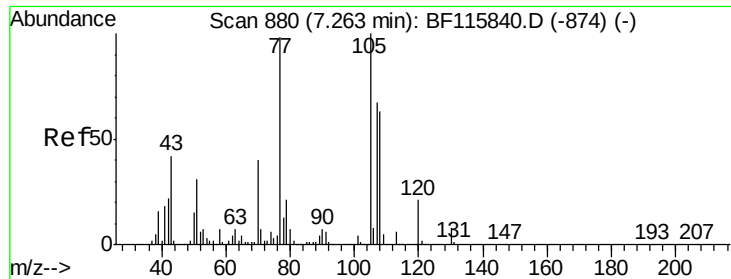
mohammad
8/1/2019 5:05:53 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
541021	136	100			
	137	10.9	9.1	13.7	
	54	7.0	6.1	9.1	
	68	5.9	5.4	8.2	





#22

Acetophenone

Concen: 84.800 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:105 Resp: 1039356

Ion Ratio Lower Upper

105 100

71 4.3 5.4 8.0#

51 34.6 24.6 36.8

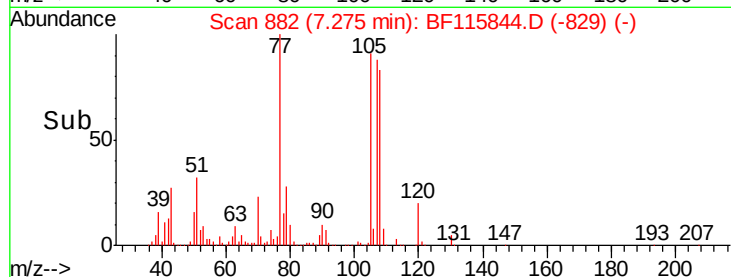
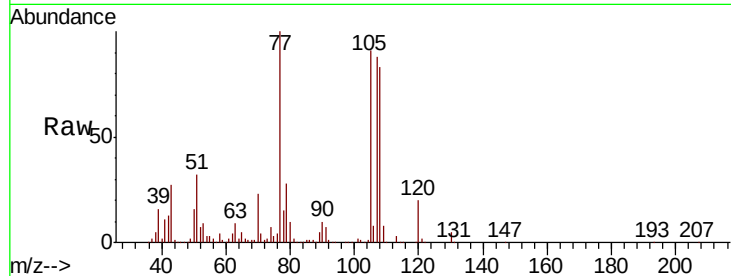
120 21.8 17.0 25.6

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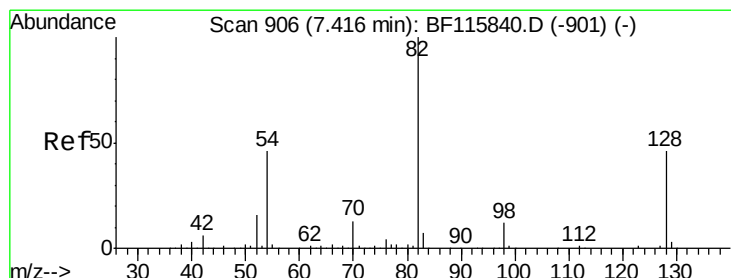
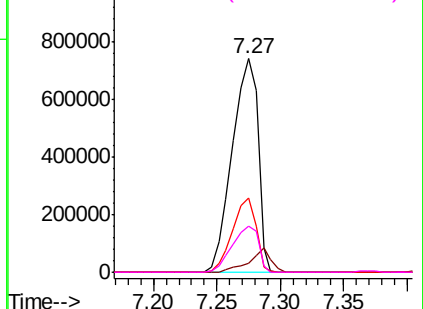


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 177.340 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

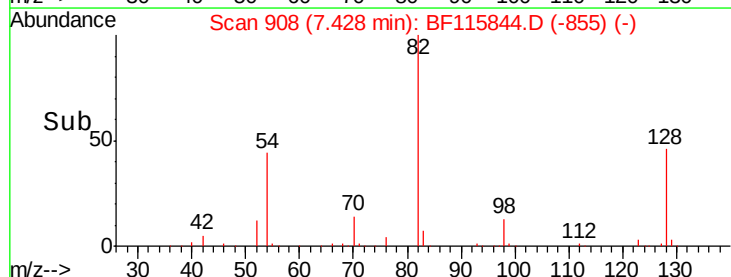
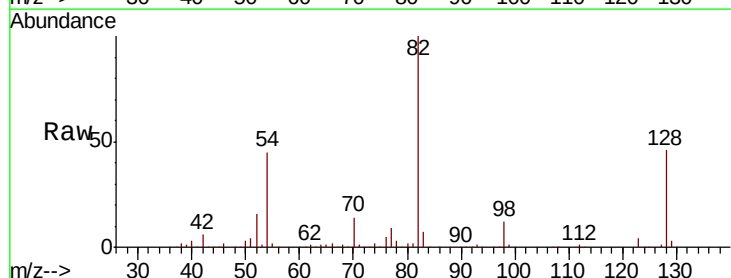
Tgt Ion: 82 Resp: 1732849

Ion Ratio Lower Upper

82 100

128 45.9 36.6 55.0

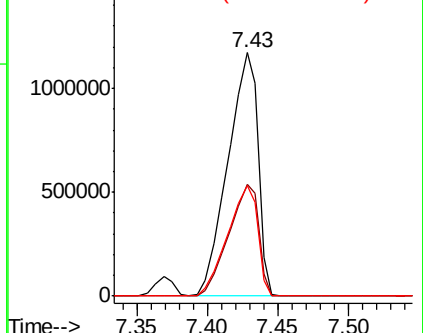
54 45.3 36.6 55.0

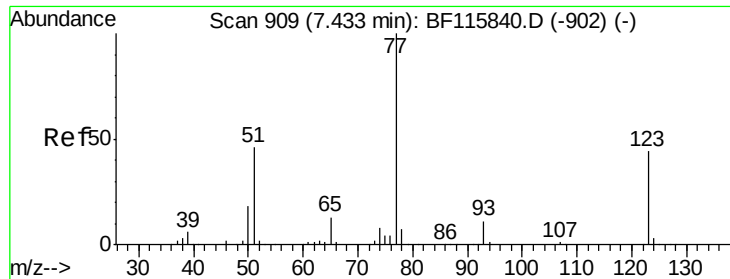


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





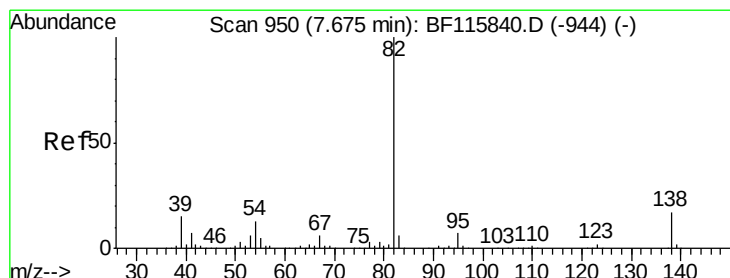
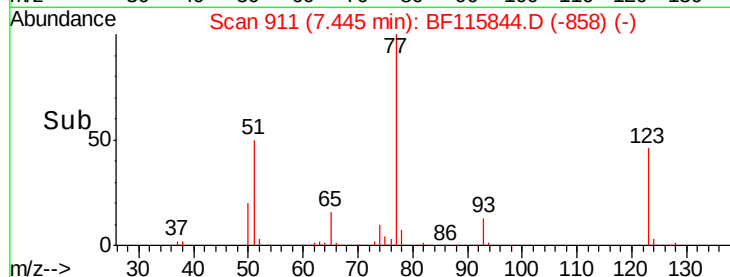
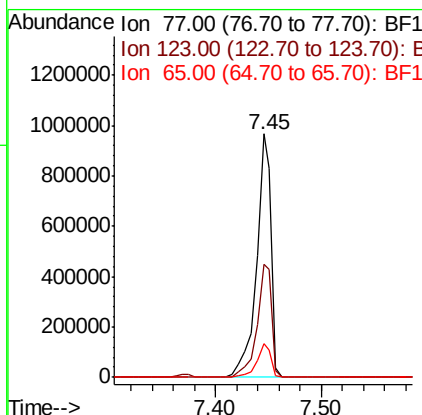
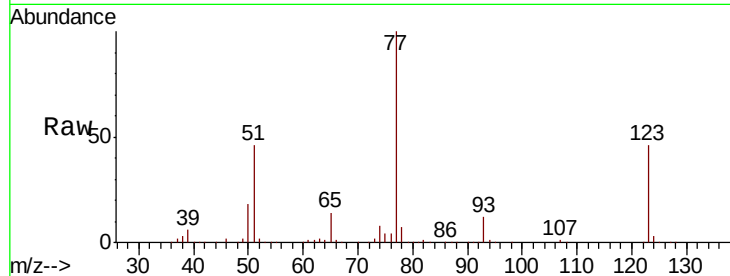
#24
Nitrobenzene
Concen: 89.101 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
77	100		
123	46.4	35.5	53.3
65	13.8	10.6	15.8

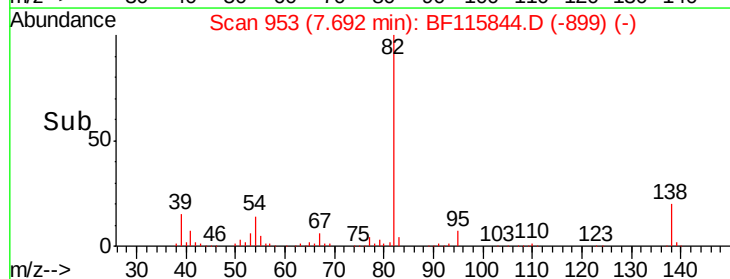
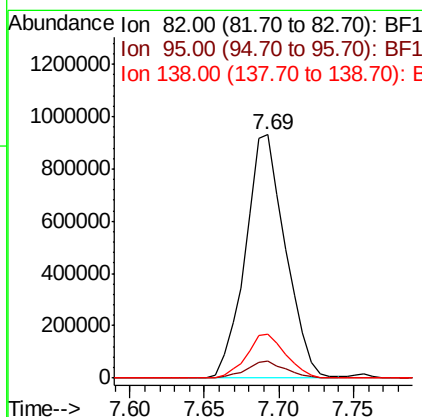
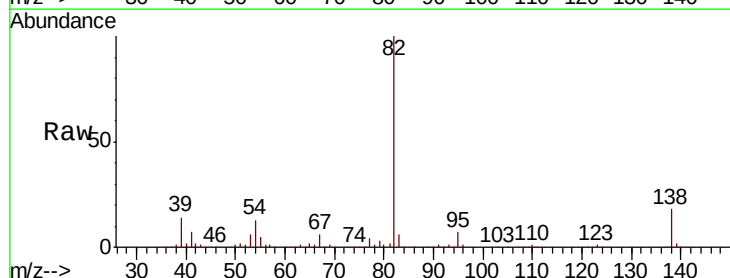
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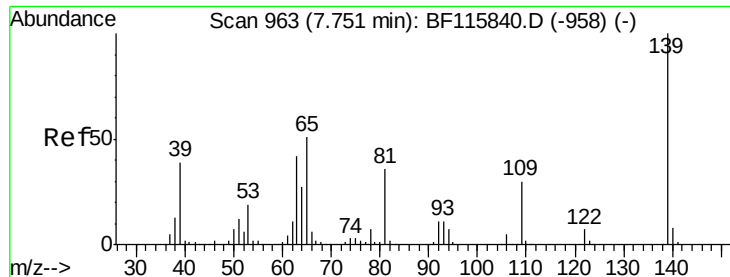
mohammad
8/1/2019 5:05:53 PM



#25
Isophorone
Concen: 89.397 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.02 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	18.0	13.9	20.9





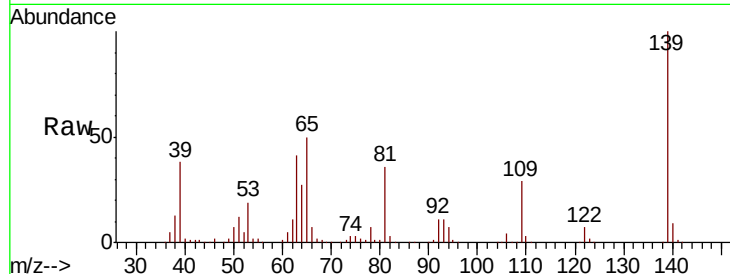
#26
2-Nitrophenol
Concen: 89.832 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
139	100		
109	29.4	23.6	35.4
65	49.5	40.6	60.8

Manual Integrations
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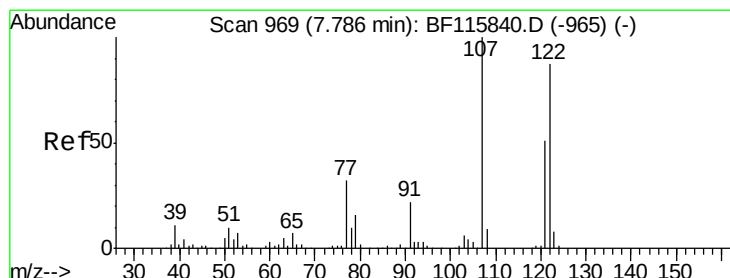
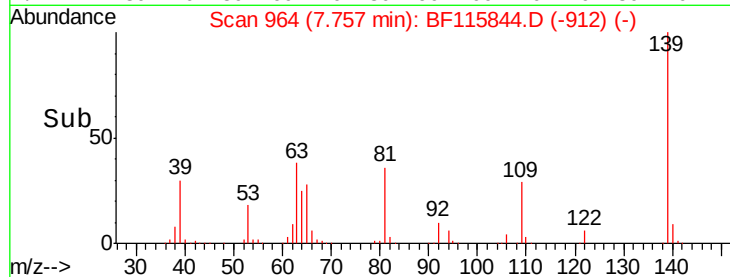
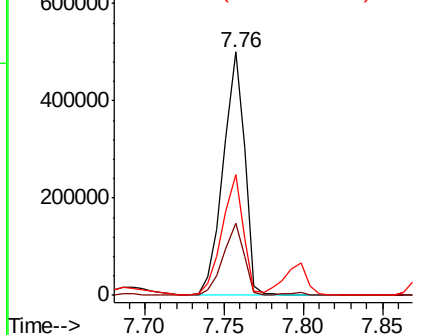


Abundance

Ion 139.00 (138.70 to 139.70): E

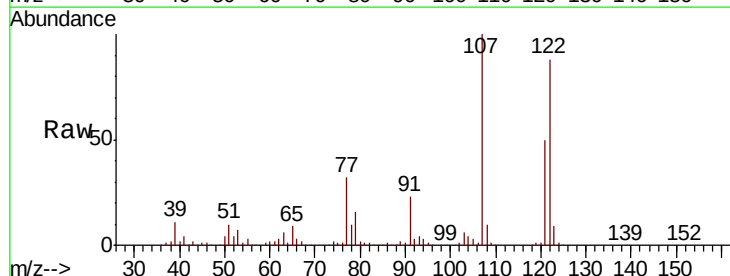
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27
2,4-Dimethylphenol
Concen: 88.925 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.8	91.7	137.5
121	57.3	46.6	70.0

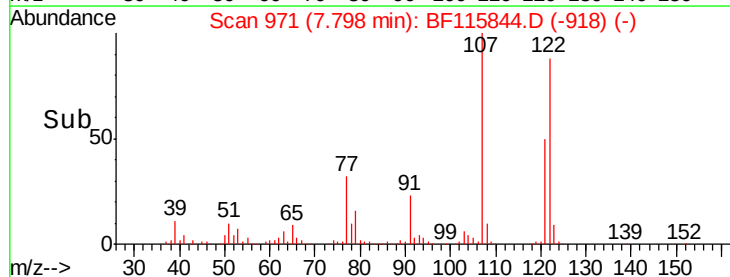
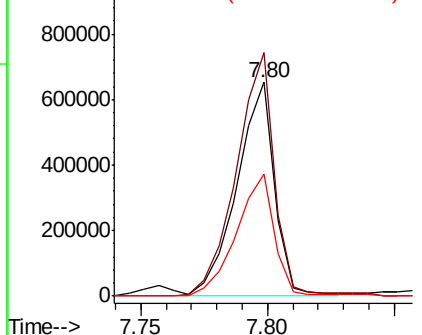


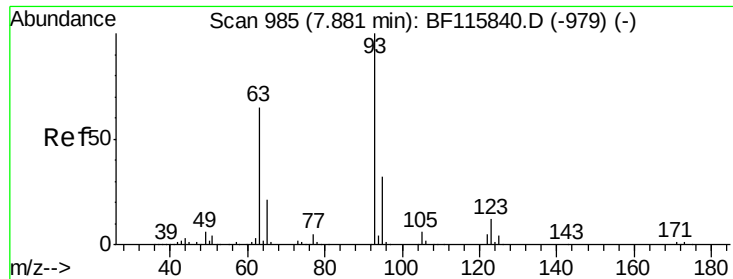
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





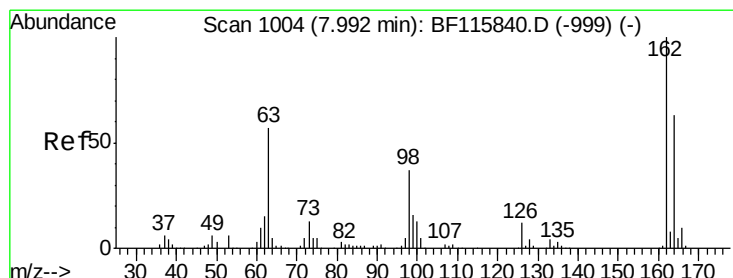
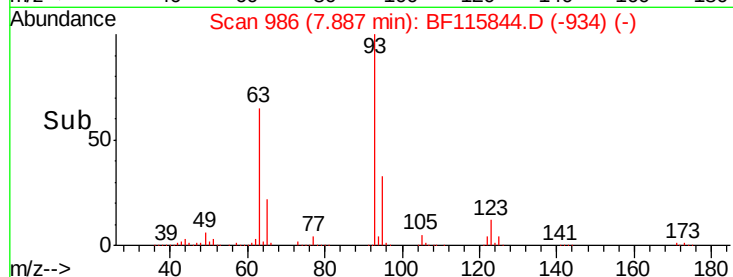
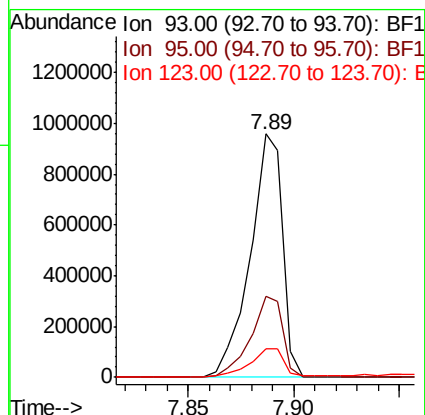
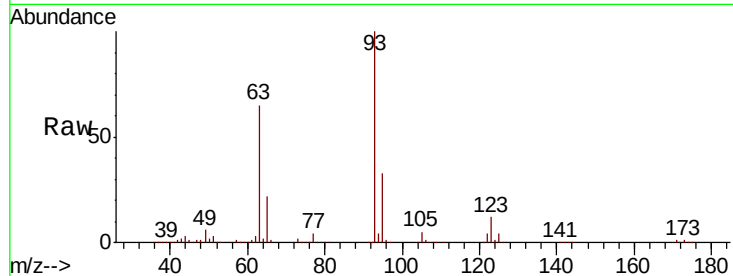
#28
bis(2-Chloroethoxy)methane
Concen: 88.724 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion: 93 Resp: 1022979
Ion Ratio Lower Upper
93 100
95 33.1 26.0 39.0
123 11.8 9.5 14.3

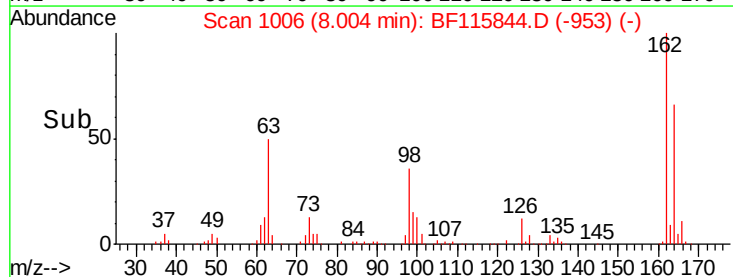
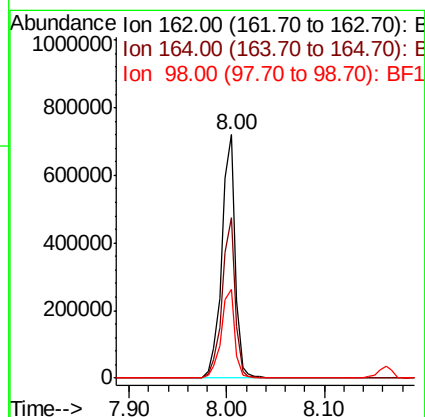
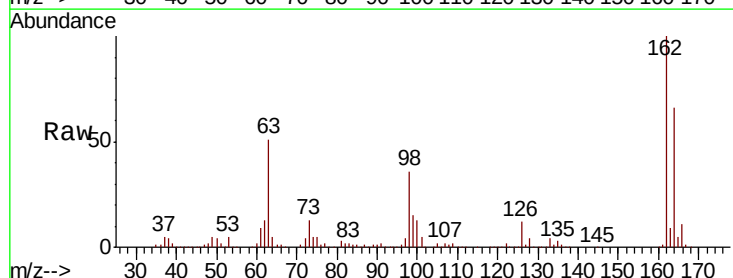
Manual Integrations
APPROVED

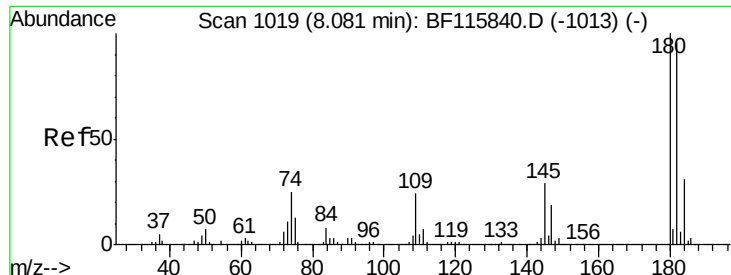
mohammad
8/1/2019 5:05:53 PM



#29
2,4-Dichlorophenol
Concen: 86.782 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion: 162 Resp: 686827
Ion Ratio Lower Upper
162 100
164 65.7 43.2 83.2
98 36.3 17.3 57.3





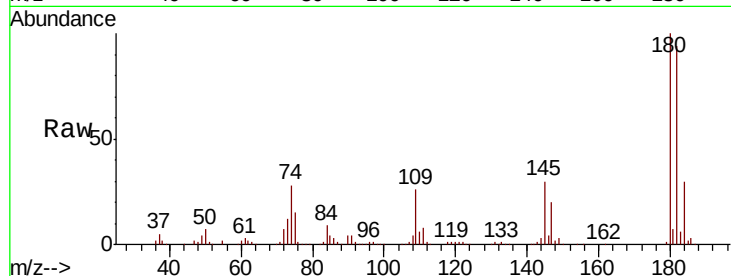
#30
1,2,4-Trichlorobenzene
Concen: 89.008 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.6	114.8
145	30.3	23.2	34.8

Manual Integrations
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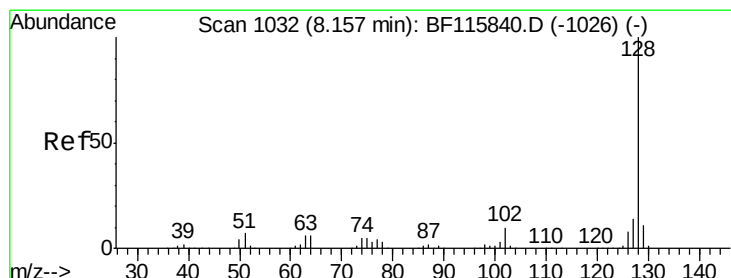
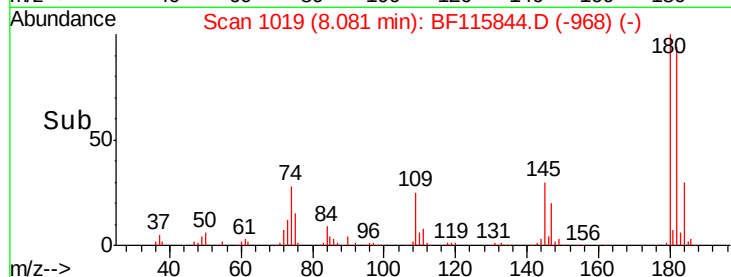
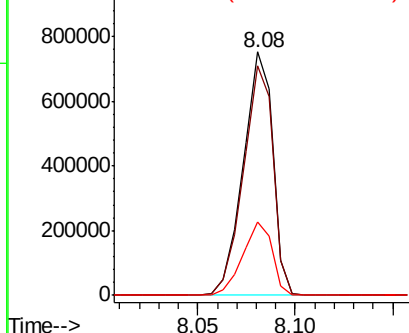


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31
Naphthalene
Concen: 84.122 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

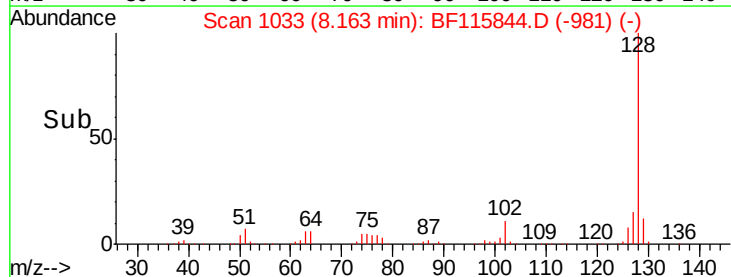
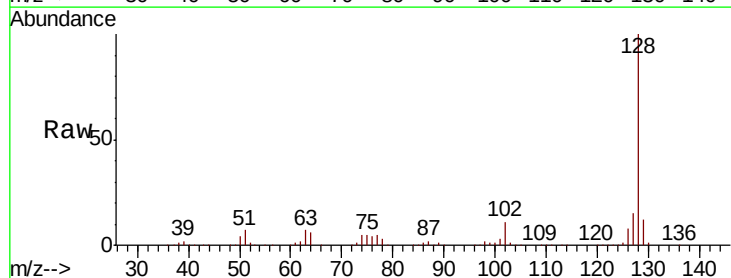
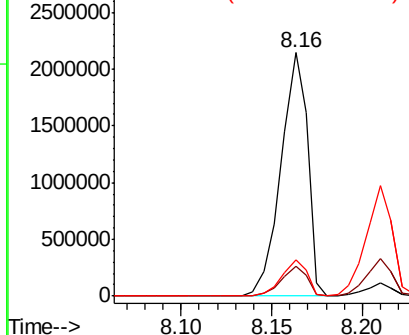
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.2	13.8
127	14.6	11.0	16.4

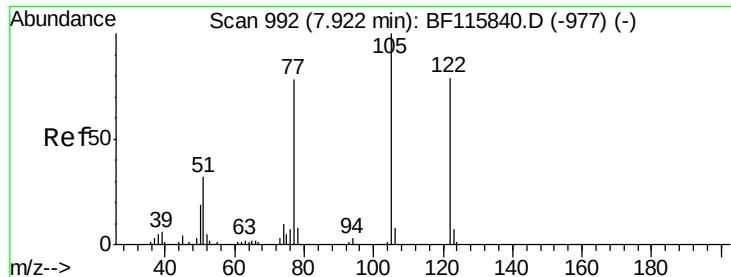
Abundance

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: 100.040 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.05 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Instrument :

BNA_F

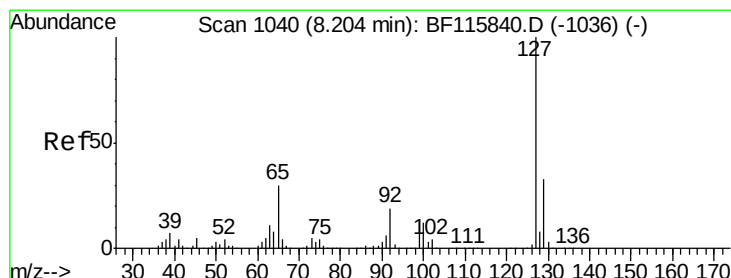
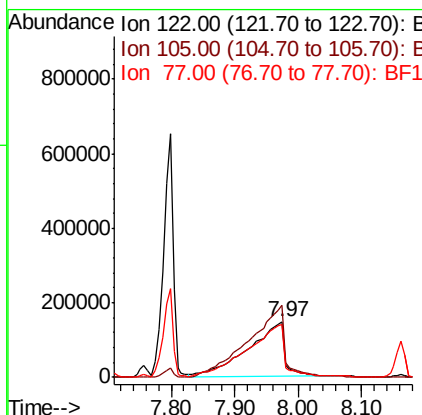
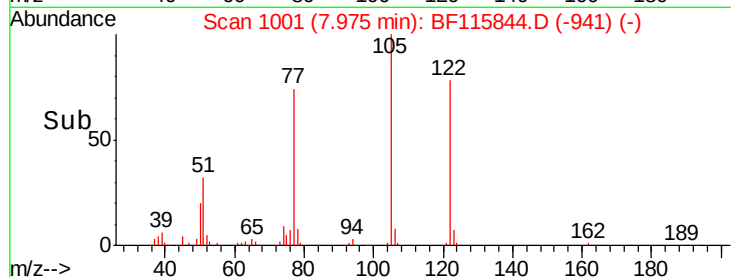
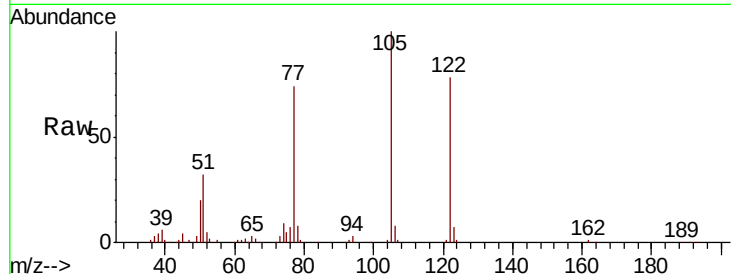
ClientSampleId :

SSTDICC100

Tot Ion:	122	Resp:	592586
Ion Ratio	Lower	Upper	
122	100		
105	128.7	103.1	143.1
77	95.1	76.8	116.8

Manual Integrations
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#33

4-Chloroaniline

Concen: 83.571 ng

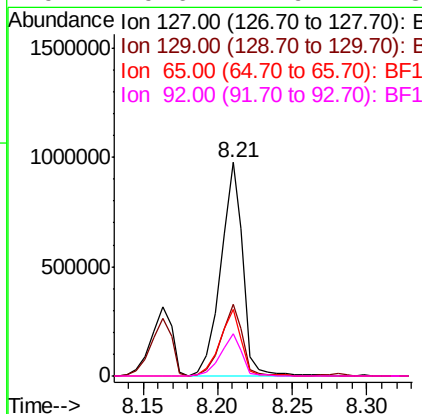
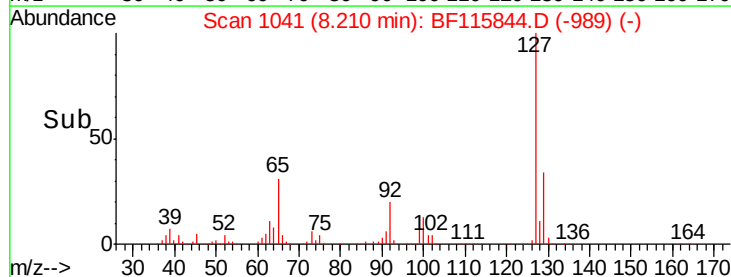
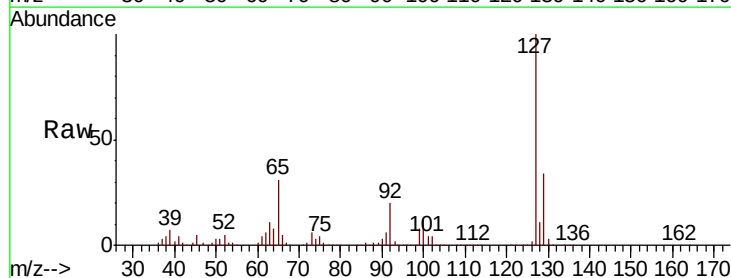
RT: 8.21 min Scan# 1041

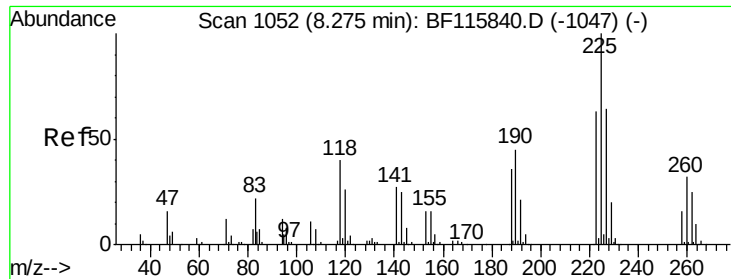
Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Tgt Ion:	127	Resp:	1006603
Ion Ratio	Lower	Upper	
127	100		
129	33.6	26.0	39.0
65	31.2	23.9	35.9
92	19.6	14.9	22.3





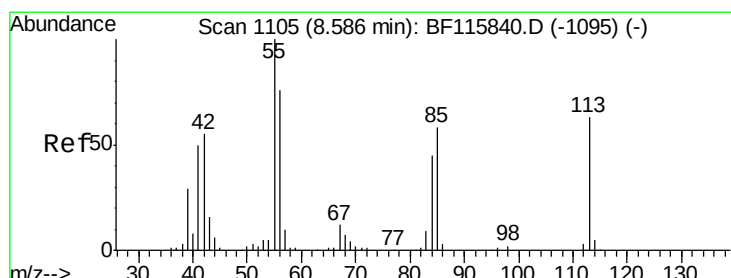
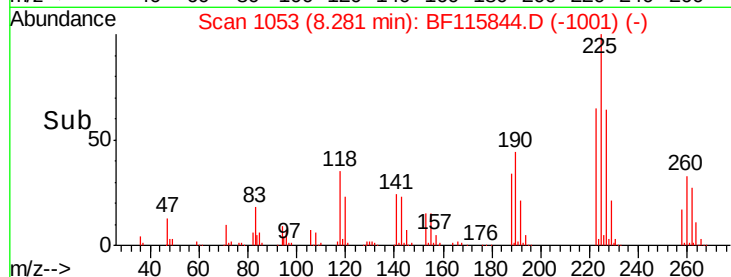
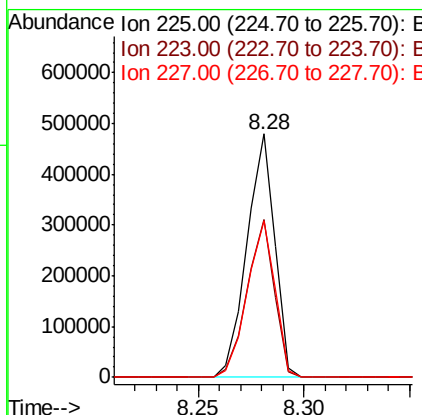
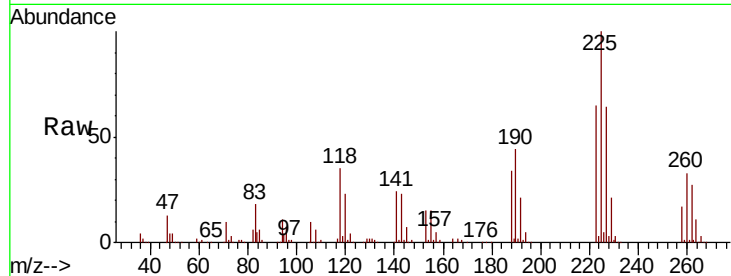
#34
Hexachlorobutadiene
Concen: 86.868 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.4	75.6
227	64.5	51.6	77.4

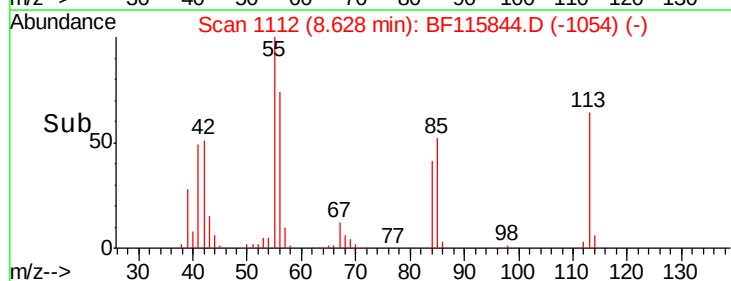
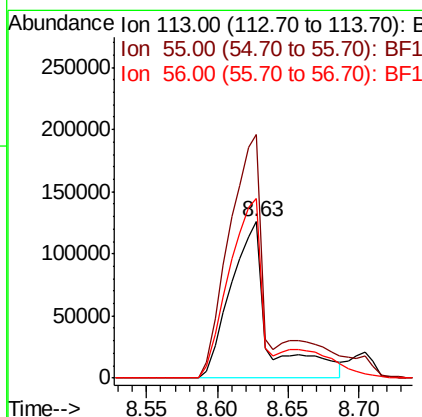
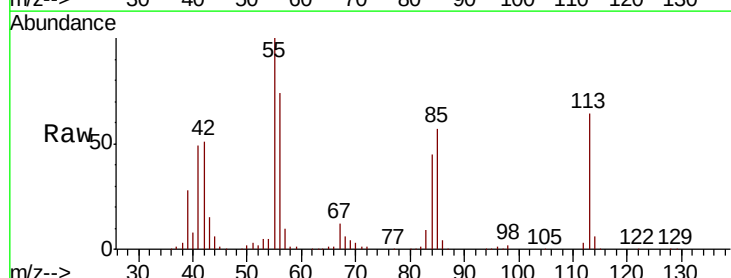
Manual Integrations
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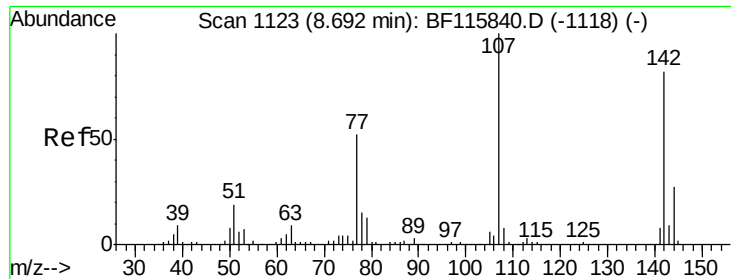
mohammad
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#35
Caprolactam
Concen: 88.683 ng m
RT: 8.63 min Scan# 1112
Delta R.T. 0.04 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
113	100		
55	155.9	138.1	178.1
56	115.0	100.6	140.6





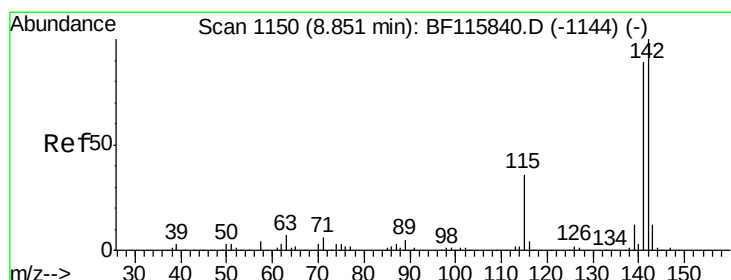
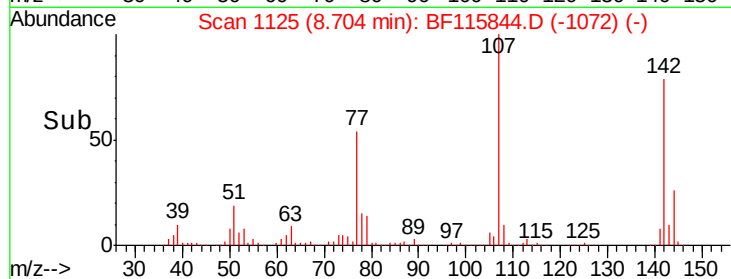
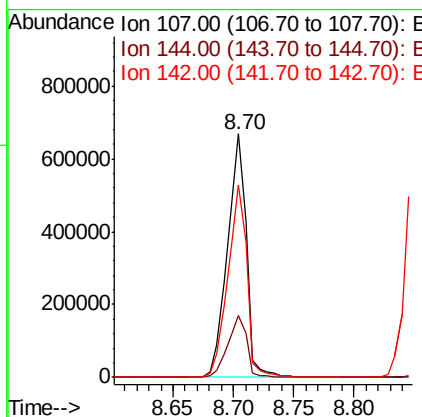
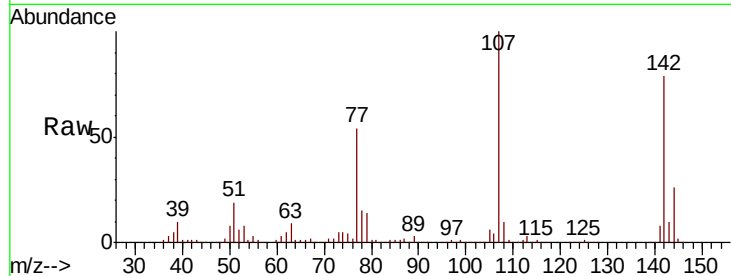
#36
 4-Chloro-3-methylphenol
 Concen: 86.406 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	730135		
144	25.7	21.4	32.0	
142	79.0	65.5	98.3	

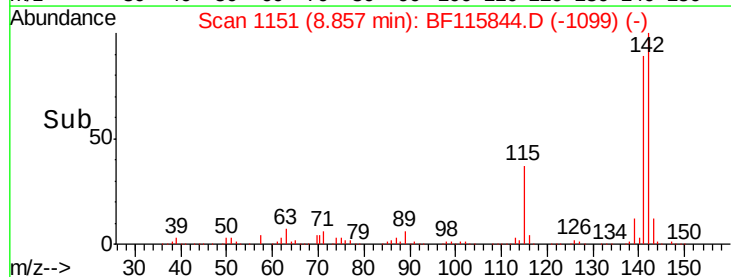
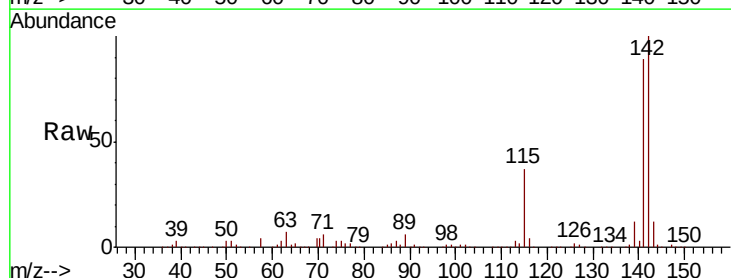
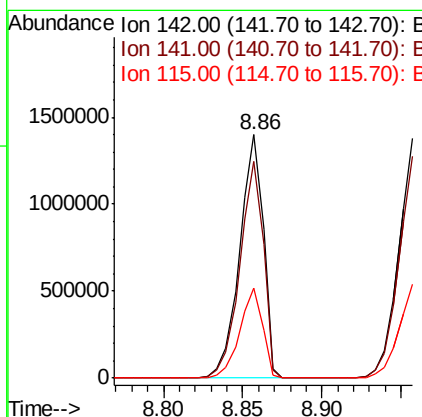
Manual Integrations
 APPROVED

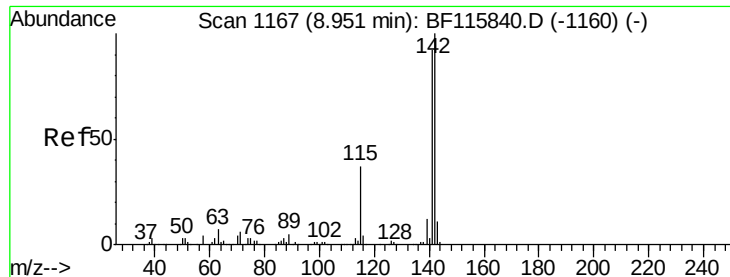
mohammad
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#37
 2-Methylnaphthalene
 Concen: 84.026 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. 0.01 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1442600		
141	88.8	71.4	107.2	
115	36.8	28.9	43.3	





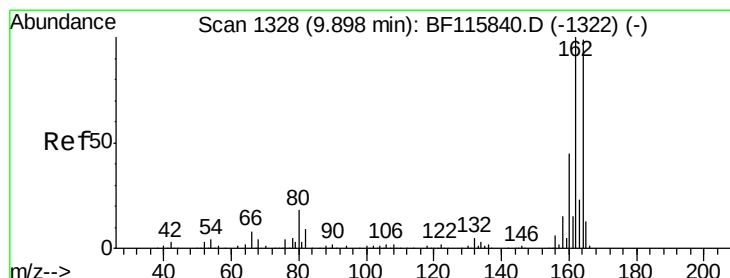
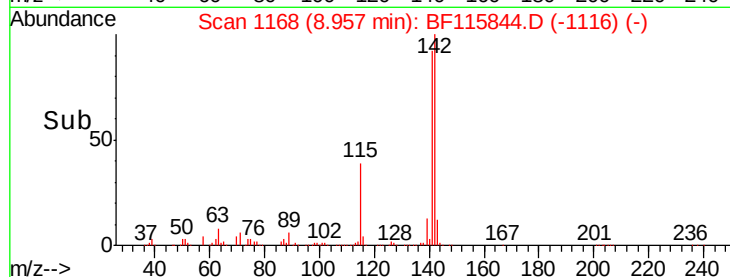
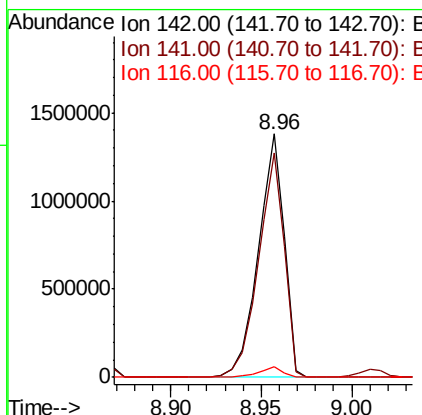
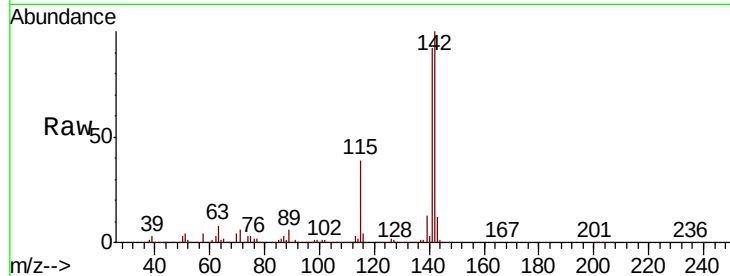
#38
1-Methylnaphthalene
Concen: 83.022 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.8	110.6
116	4.1	3.1	4.7

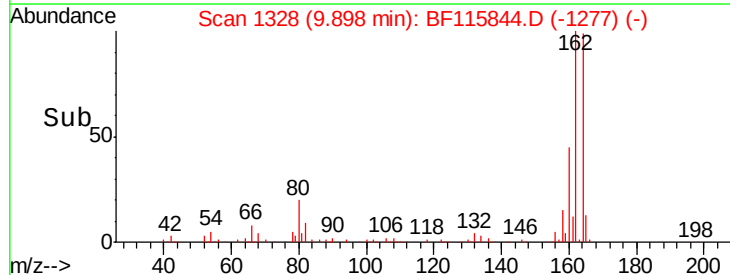
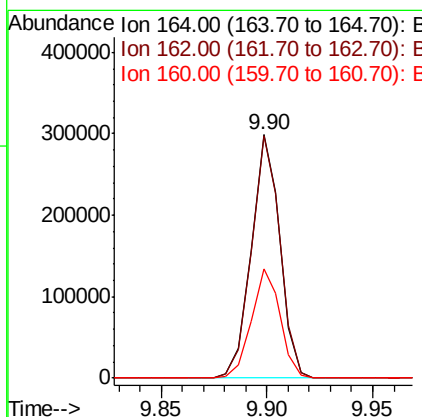
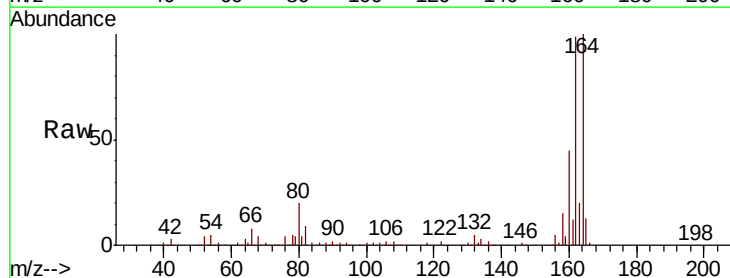
Manual Integrations
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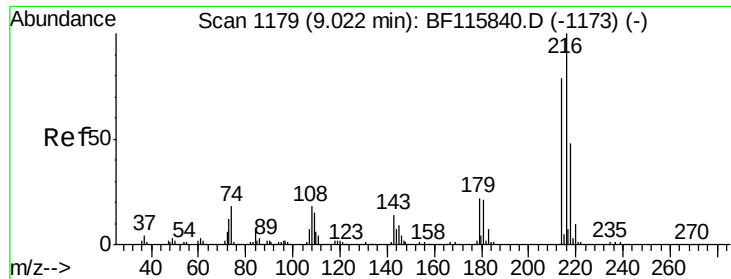
mohammad
8/1/2019 5:05:53 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.8	121.2
160	44.8	36.2	54.4





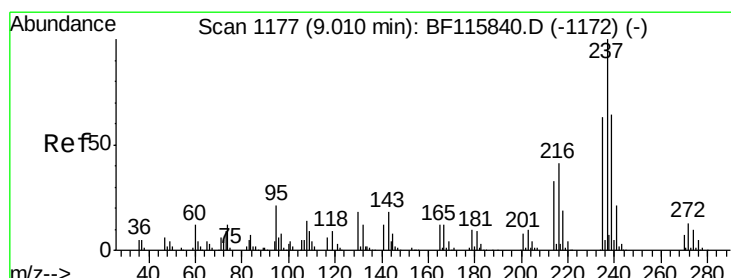
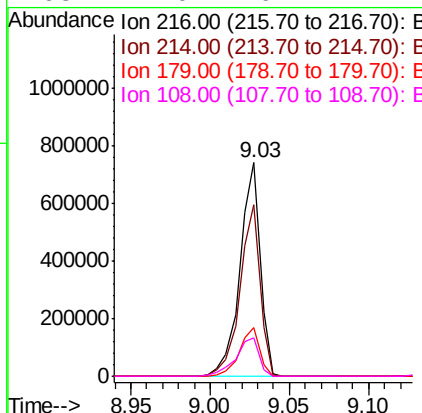
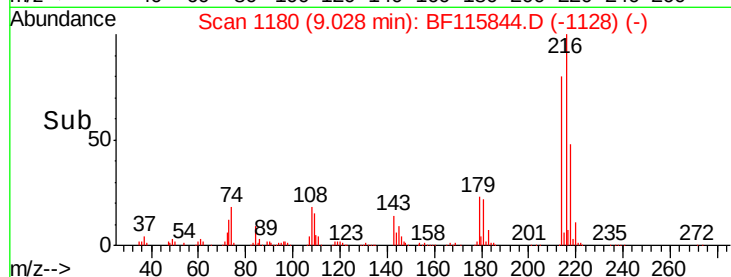
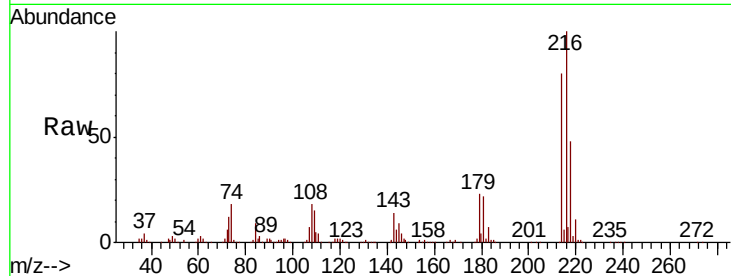
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 81.178 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		657175		
214	79.7	62.8	94.2		
179	22.5	17.6	26.4		
108	21.0	16.1	24.1		

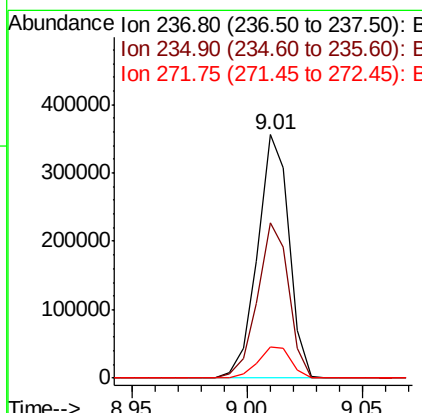
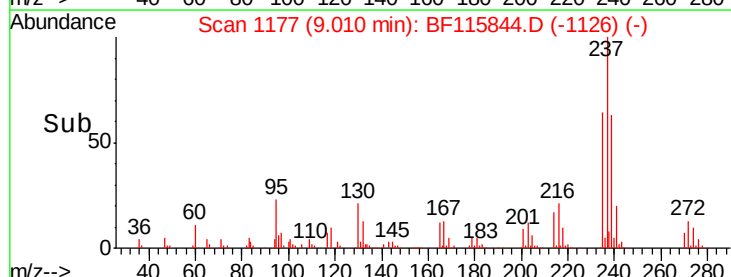
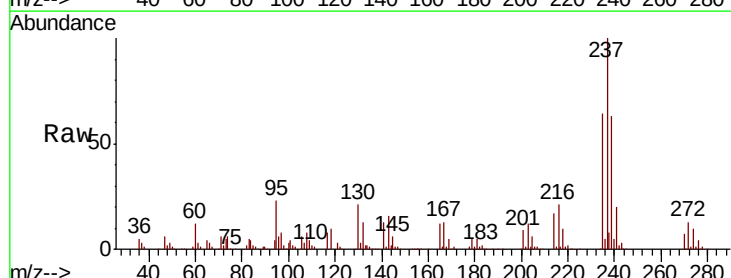
Manual Integrations
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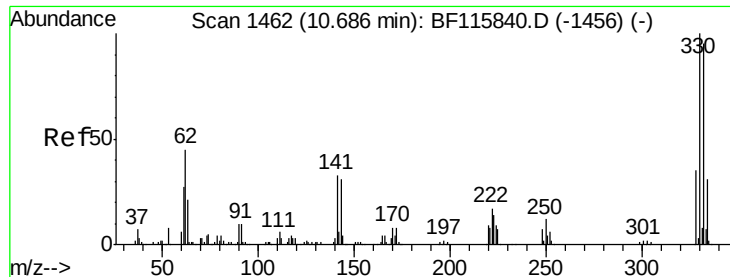
mohammad
 8/1/2019 5:05:53 PM



#41
 Hexachlorocyclopentadiene
 Concen: 105.073 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		338946		
235	63.8	42.5	82.5		
272	13.0	0.0	33.3		





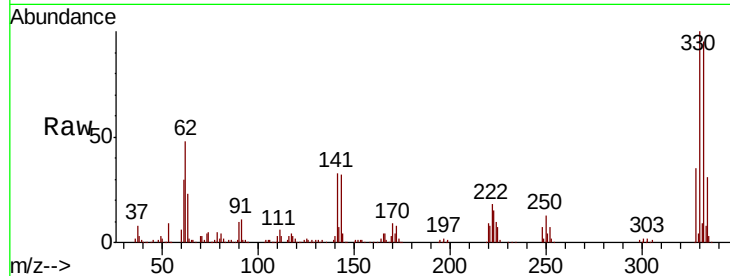
#42
 2,4,6-Tribromophenol
 Concen: 160.354 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
330	100	485460		
332	94.9	77.7	116.5	
141	32.0	28.1	42.1	

Manual Integrations
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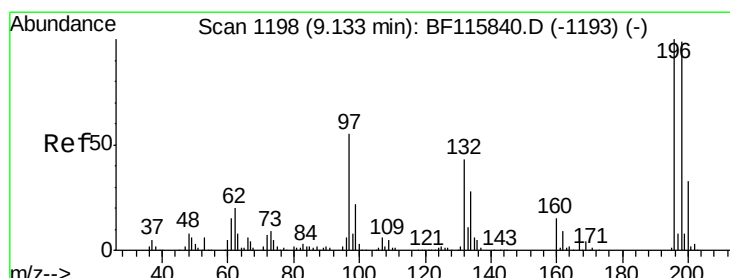
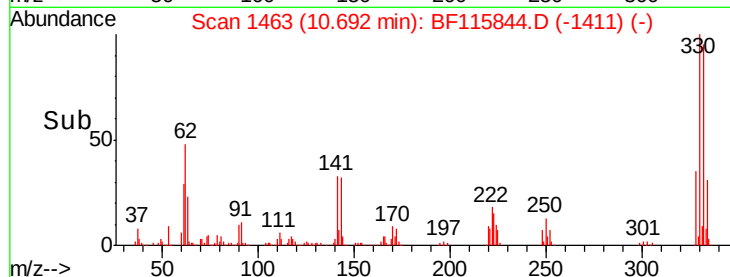
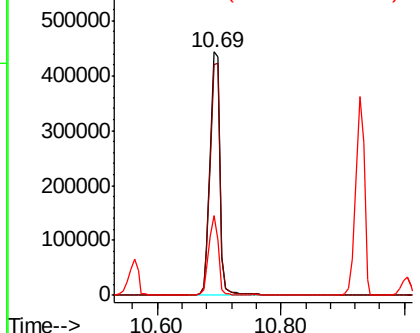


Abundance

Ion 329.80 (329.50 to 330.50): E

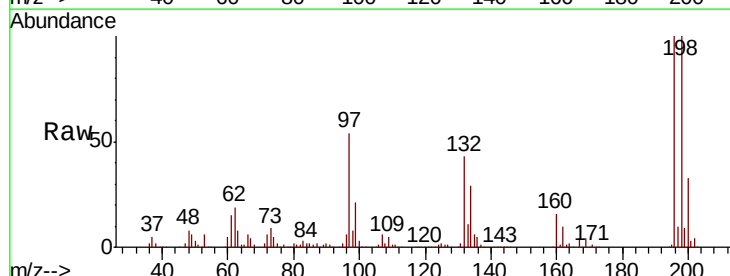
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 87.045 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	484346		
198	99.6	79.1	118.7	
200	32.6	26.0	39.0	

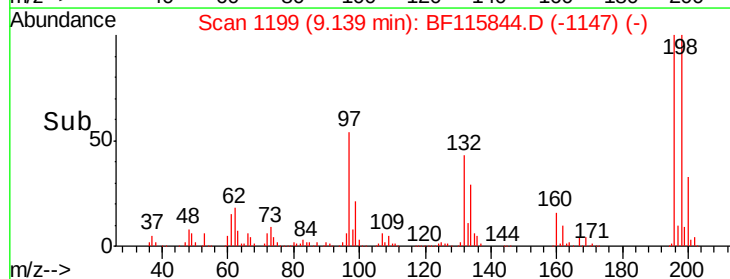
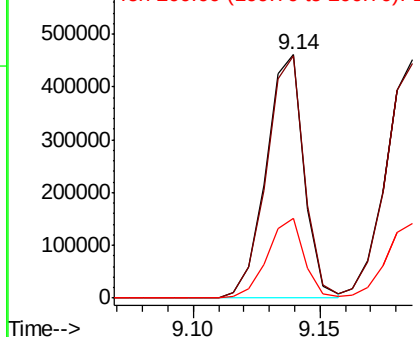


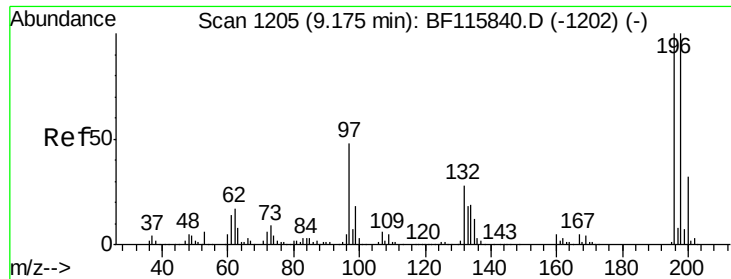
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





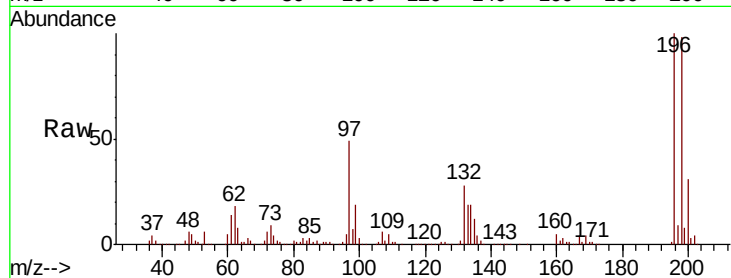
#44
2,4,5-Trichlorophenol
Concen: 88.220 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp Lower	Upper
196	100		
198	98.2	80.1	120.1
97	48.5	38.9	58.3
132	28.3	22.6	33.8

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8/1/2019 5:05:53 PM



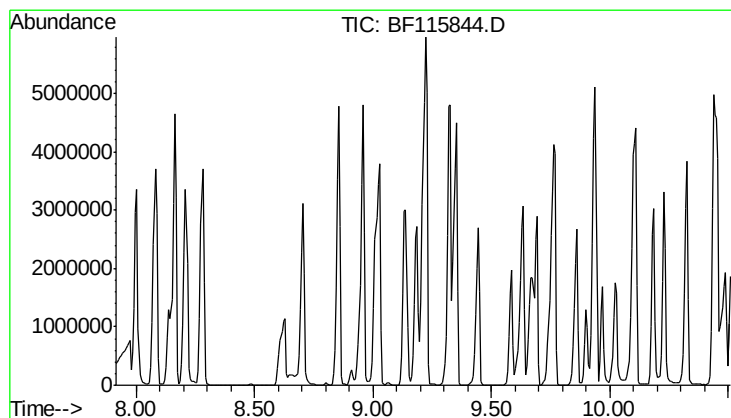
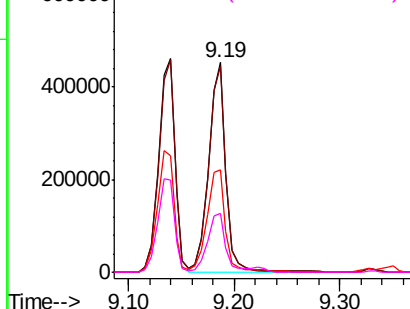
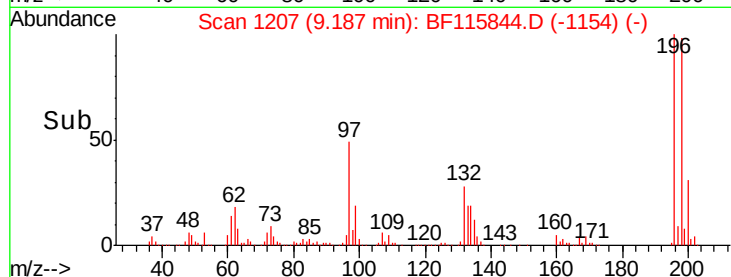
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

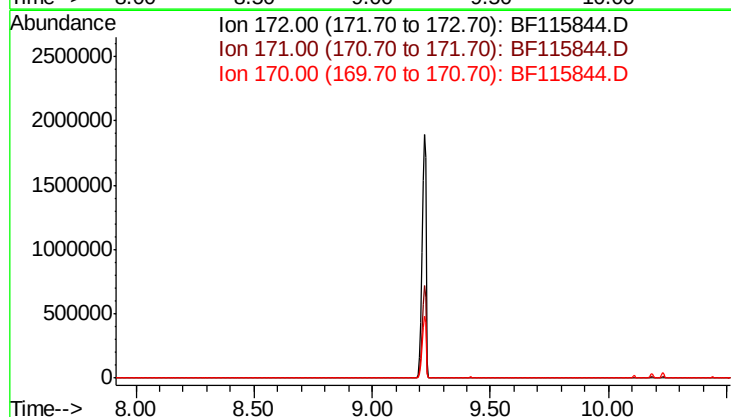
Ion 132.00 (131.70 to 132.70): E

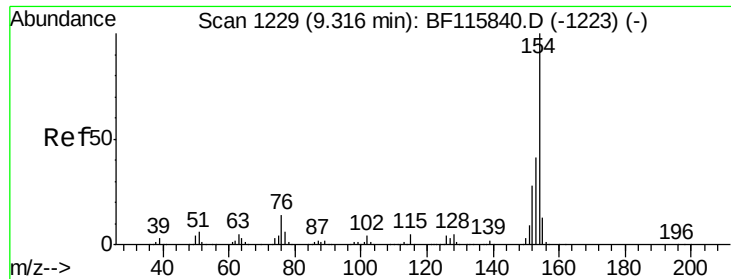


#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.22 min

Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Exp Ratio
172	100
171	36.4
170	25.1





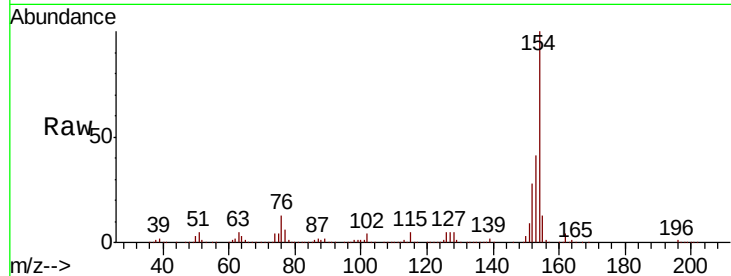
#46
1,1'-Biphenyl
Concen: 79.106 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.9	60.9
76	13.4	0.0	34.3

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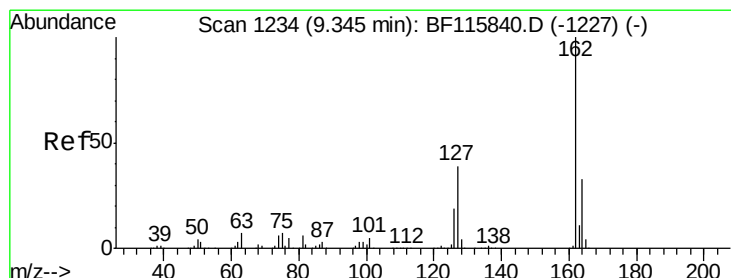
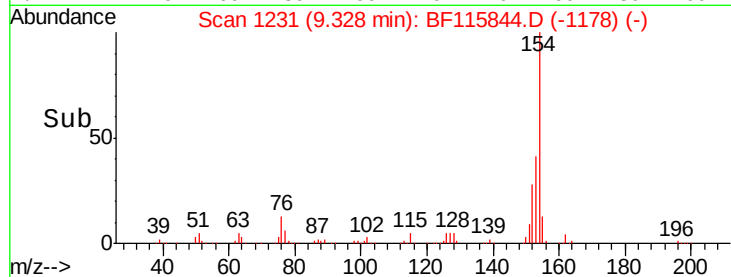
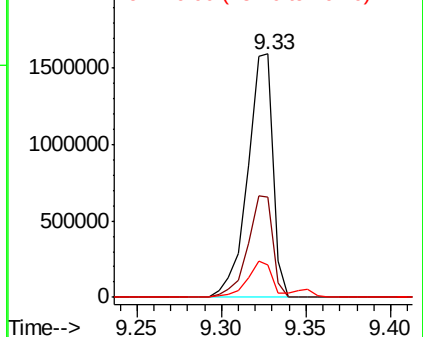


Abundance

Ion 154.00 (153.70 to 154.70): E

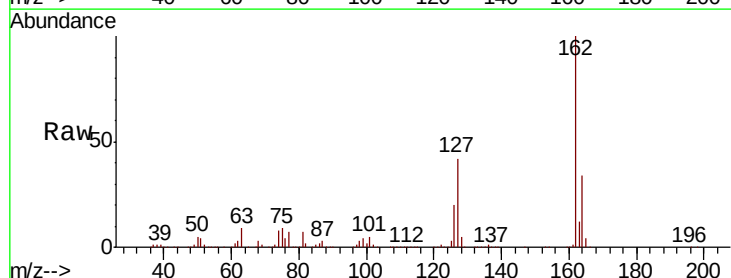
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
2-Chloronaphthalene
Concen: 82.328 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	31.3	46.9
164	34.3	26.6	40.0

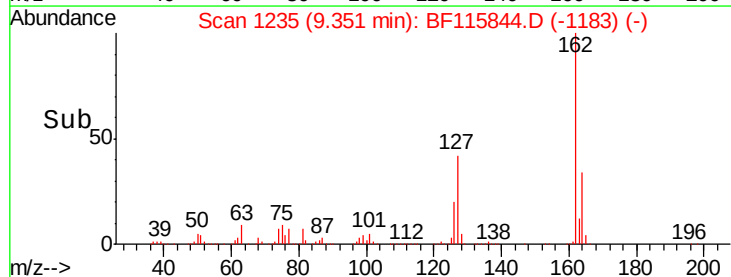
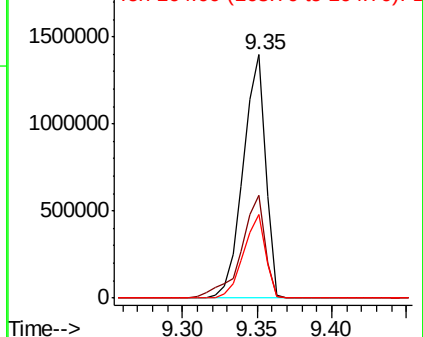


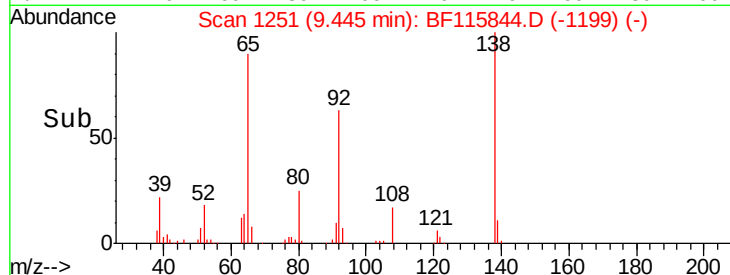
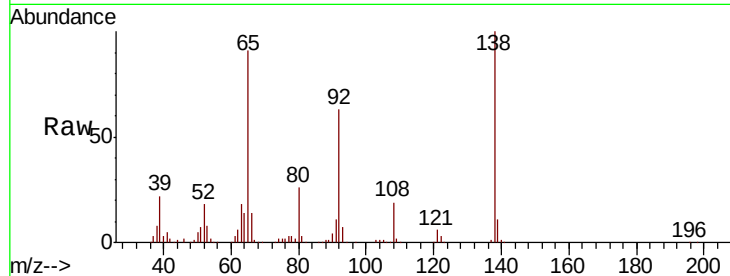
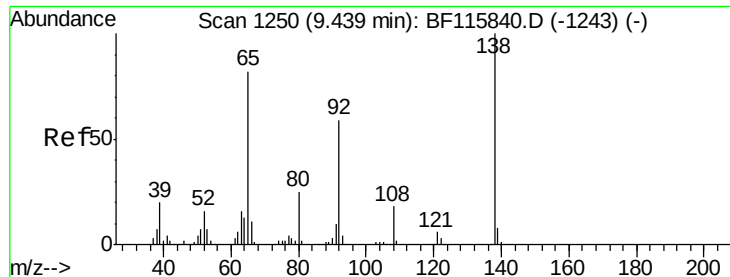
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





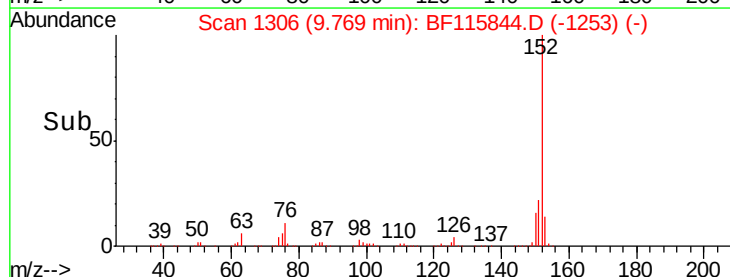
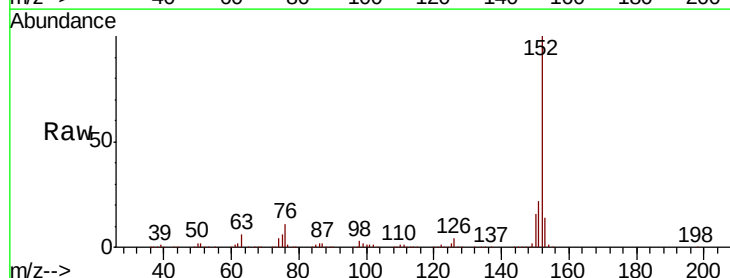
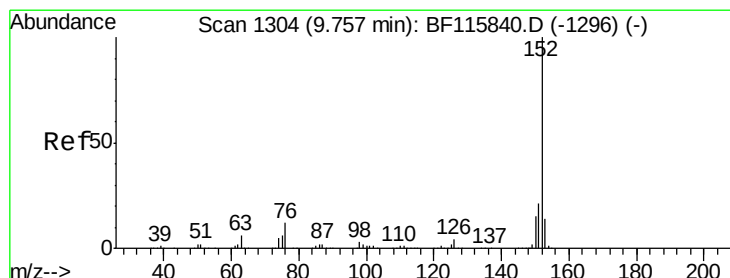
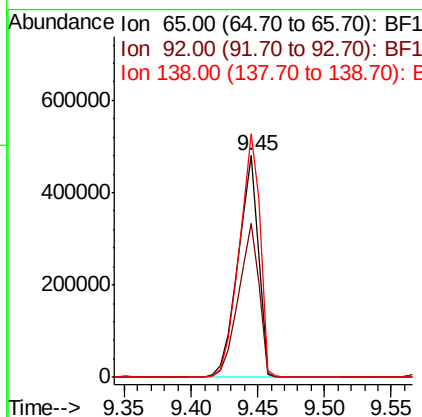
#48
2-Nitroaniline
Concen: 84.658 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tot Ion	Ratio	Resp	Lower	Upper
65	100	512560		
92	69.4	57.1	85.7	
138	110.0	97.1	145.7	

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

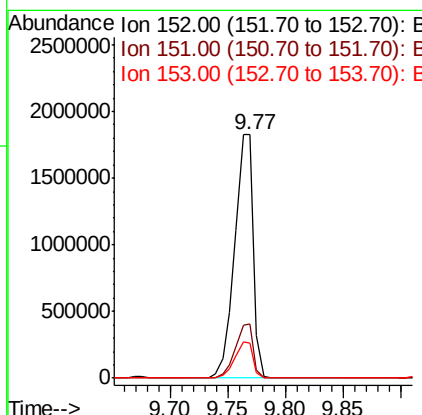
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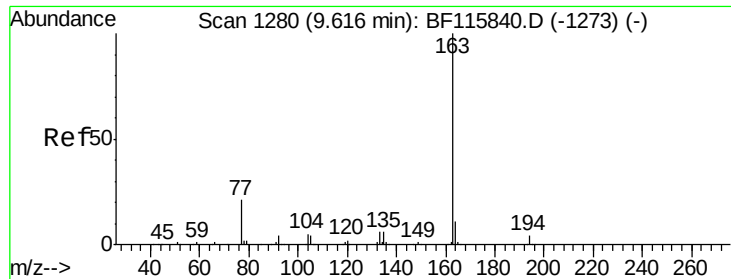
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8/1/2019 5:05:53 PM



#49
Acenaphthylene
Concen: 77.670 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	2041040		
151	22.0	16.8	25.2	
153	14.3	11.6	17.4	





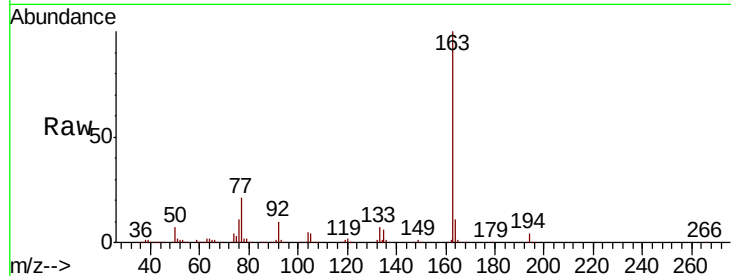
#50
Dimethylphthalate
Concen: 83.194 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.02 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

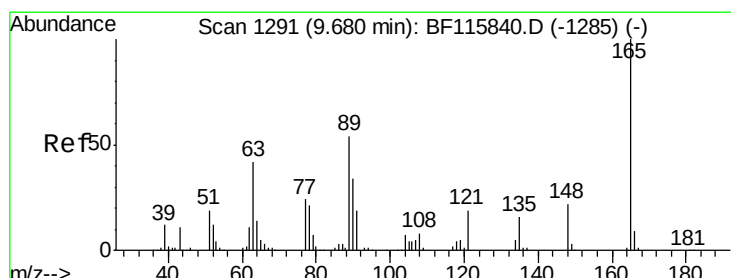
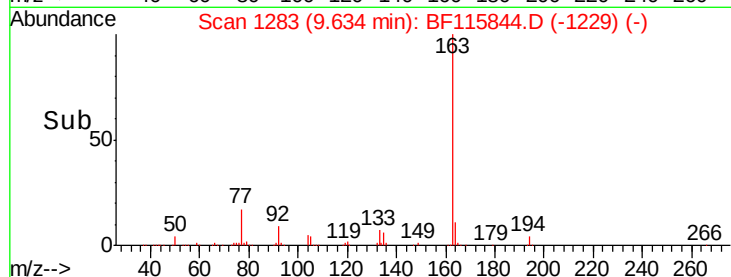
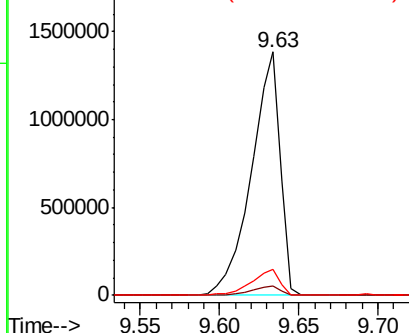
Tot Ion:163 Resp: 1750748
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.6 8.4 12.6

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8/1/2019 5:05:53 PM

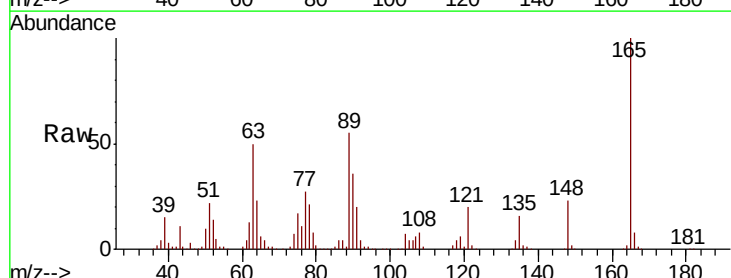


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

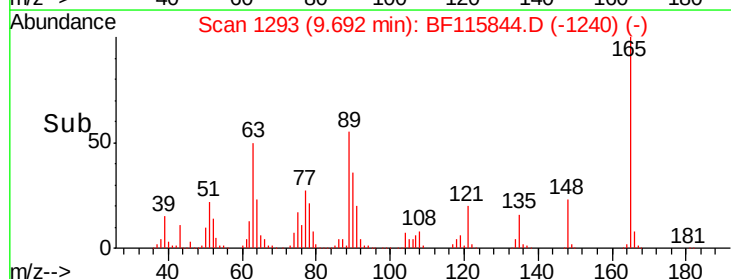
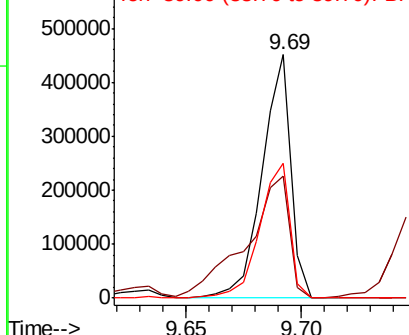


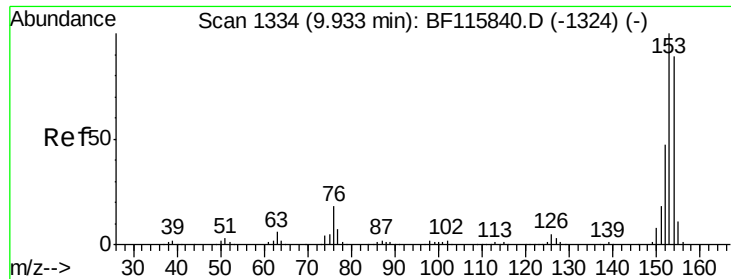
#51
2,6-Dinitrotoluene
Concen: 83.803 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion:165 Resp: 390455
Ion Ratio Lower Upper
165 100
63 49.9 39.4 59.2
89 55.5 43.0 64.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





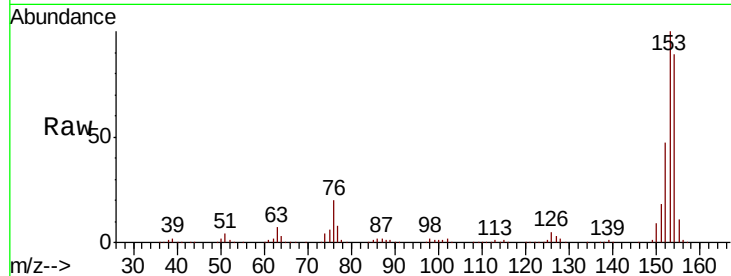
#52
Acenaphthene
Concen: 79.105 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

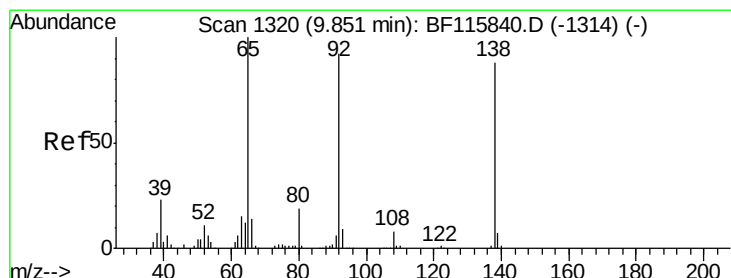
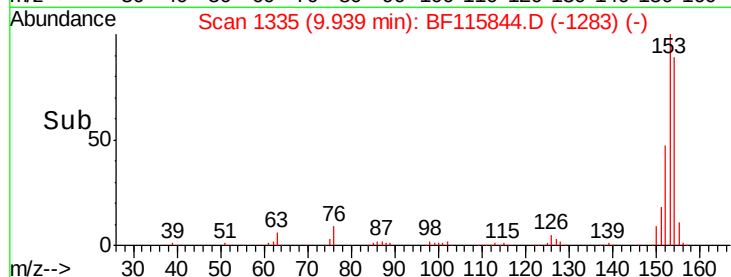
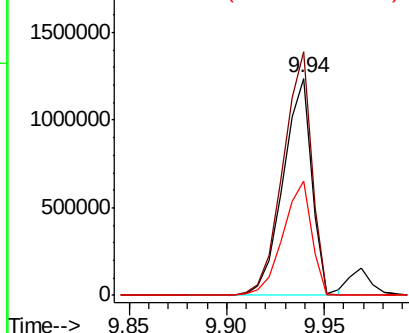
Tot Ion:154 Resp: 1266419
Ion Ratio Lower Upper
154 100
153 112.1 90.1 135.1
152 52.9 42.6 63.8

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8/1/2019 5:05:53 PM

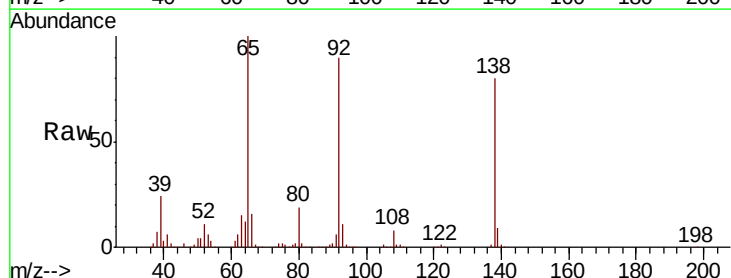


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

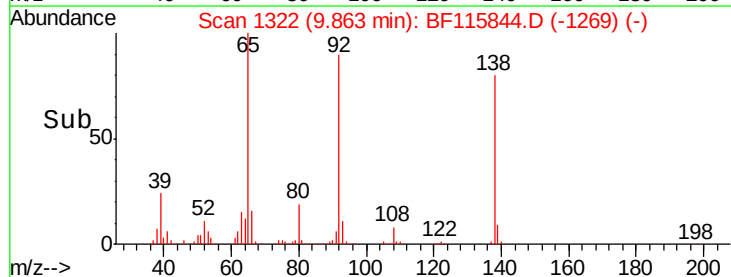
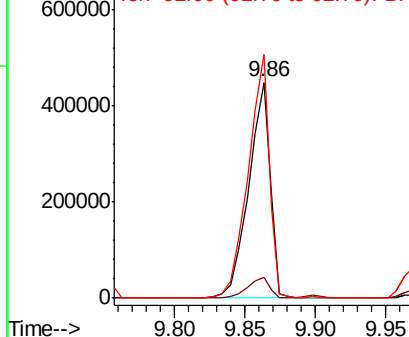


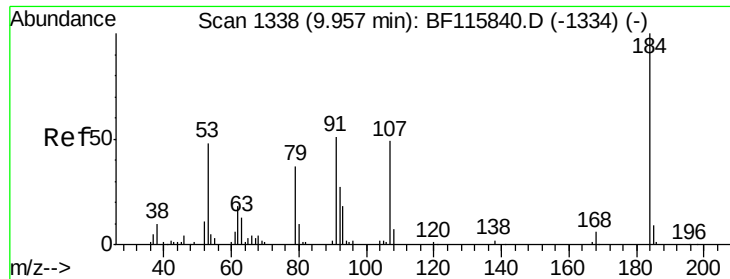
#53
3-Nitroaniline
Concen: 84.032 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion:138 Resp: 480344
Ion Ratio Lower Upper
138 100
108 9.9 7.4 11.2
92 113.0 83.9 125.9



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





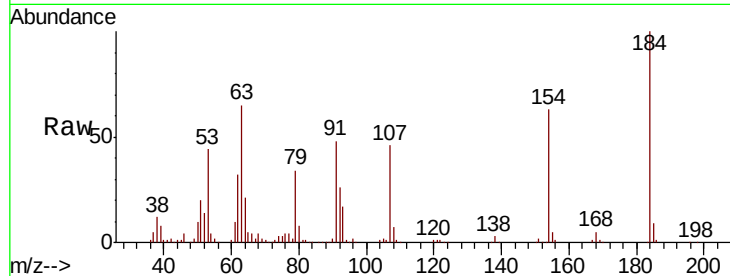
#54
2,4-Dinitrophenol
Concen: 98.451 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
184	100	215798		
63	65.1	56.7	85.1	
154	62.6	51.9	77.9	

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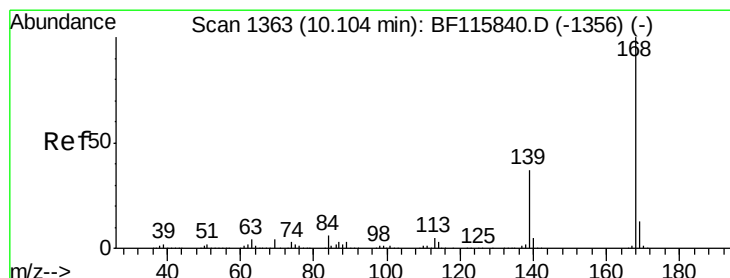
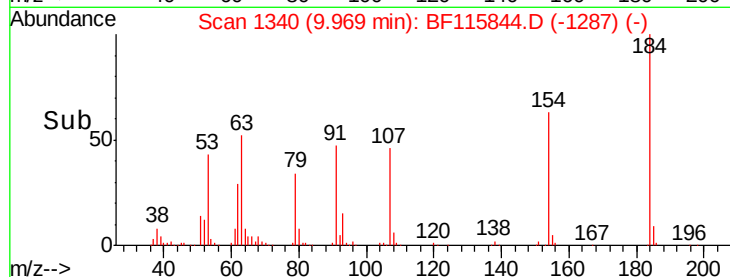
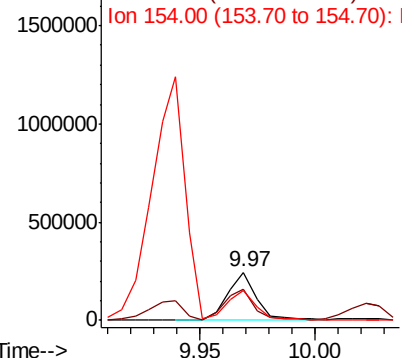


Abundance

Ion 184.00 (183.70 to 184.70): E

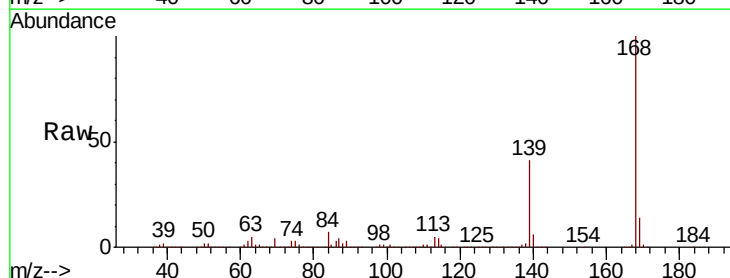
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55
Dibenzofuran
Concen: 76.531 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1754527		
139	41.5	30.2	45.2	
169	14.2	10.8	16.2	

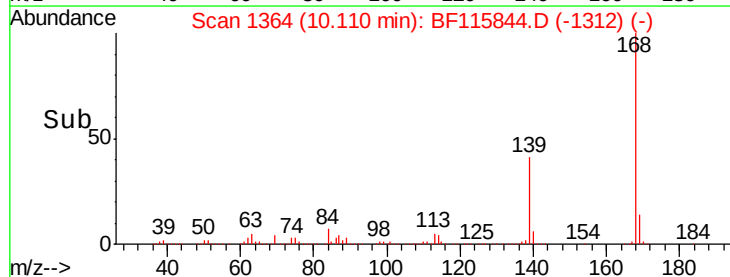
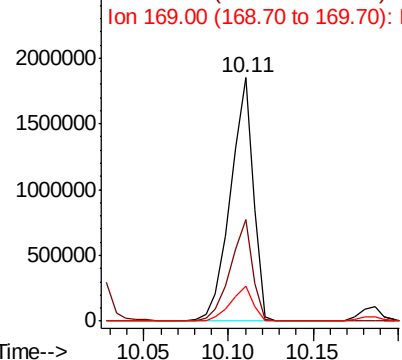


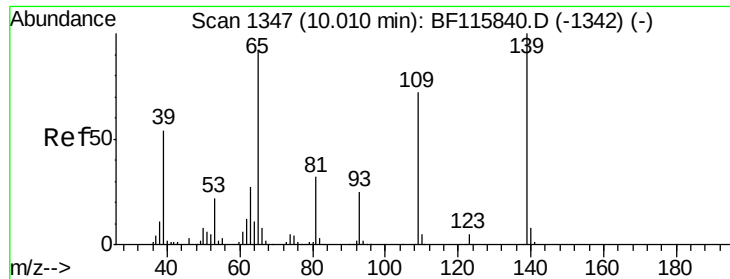
Abundance

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





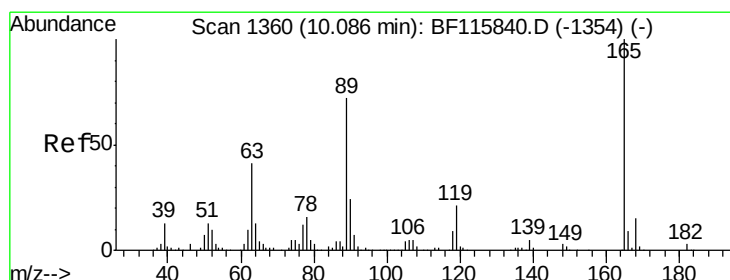
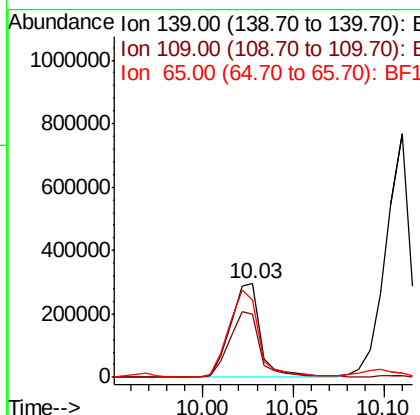
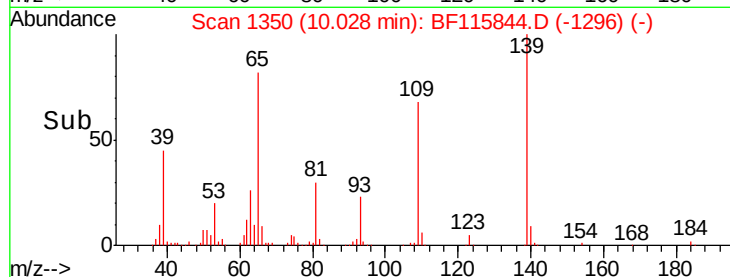
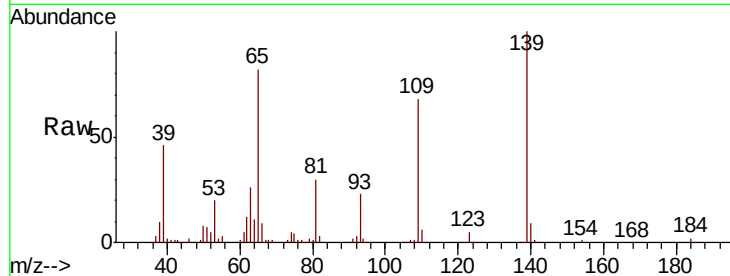
#56
4-Nitrophenol
Concen: 87.636 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.8	52.0	92.0
65	82.3	72.6	112.6

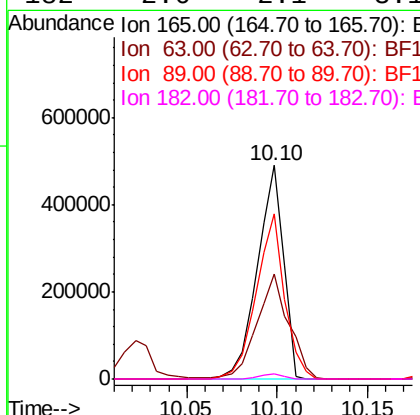
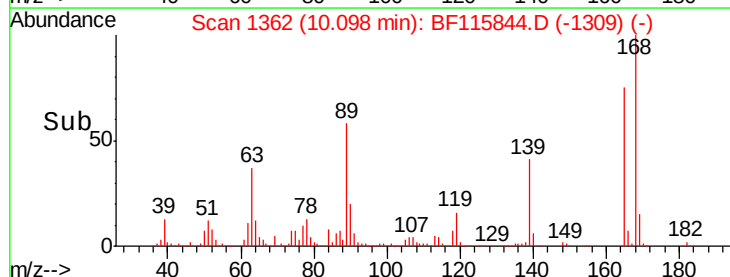
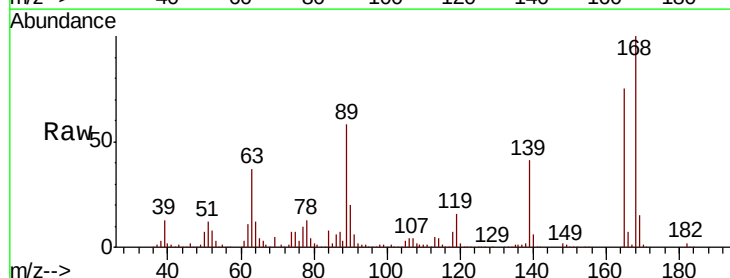
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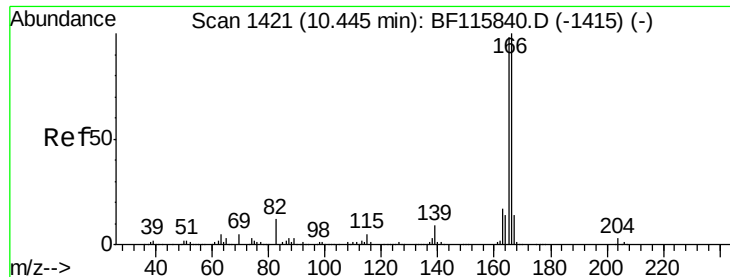
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8/1/2019 5:05:53 PM



#57
2,4-Dinitrotoluene
Concen: 82.085 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.1	33.2	49.8
89	77.3	57.3	85.9
182	2.6	2.1	3.1





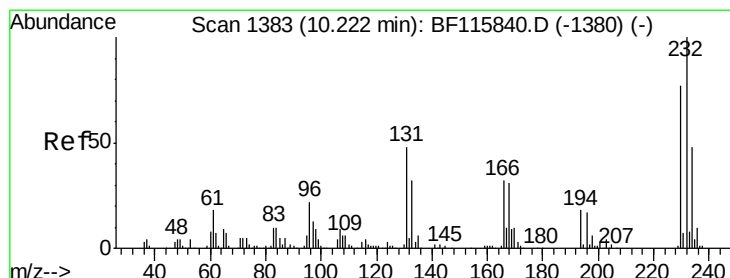
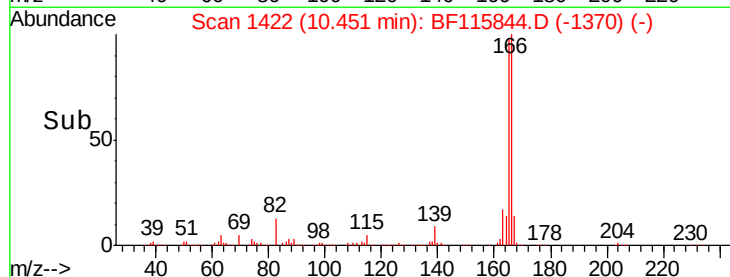
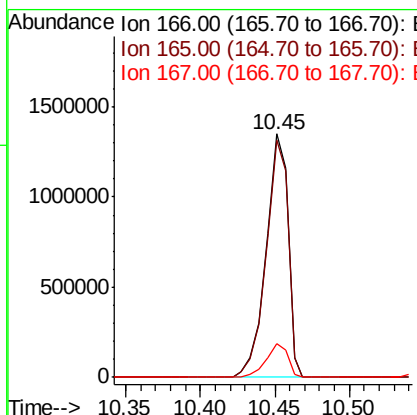
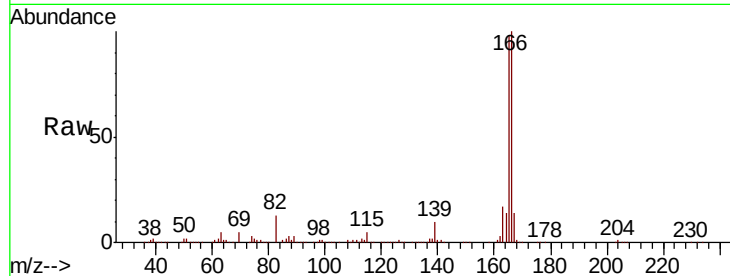
#58
 Fluorene
 Concen: 76.853 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	97.6	78.6	118.0	
167	14.0	10.9	16.3	

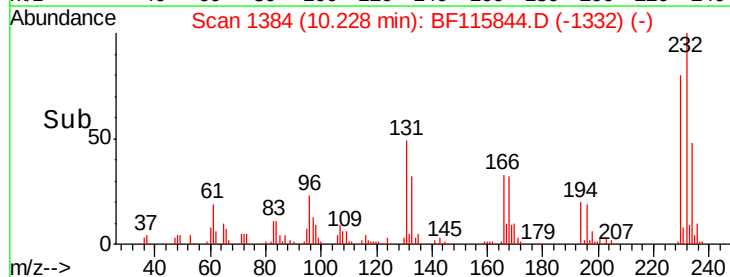
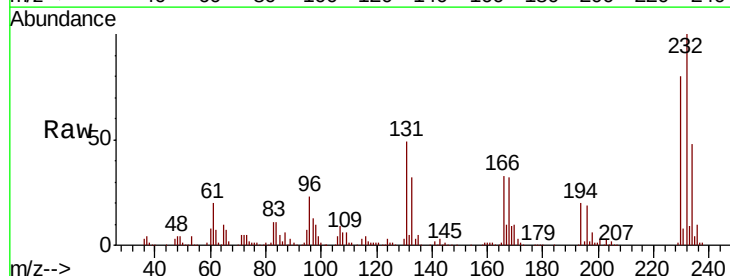
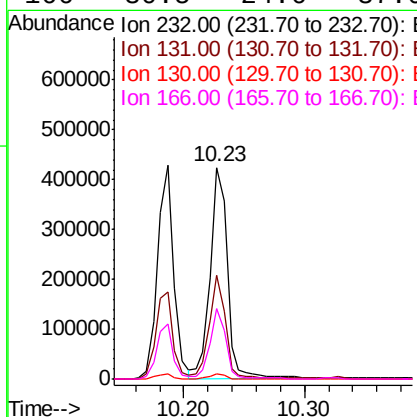
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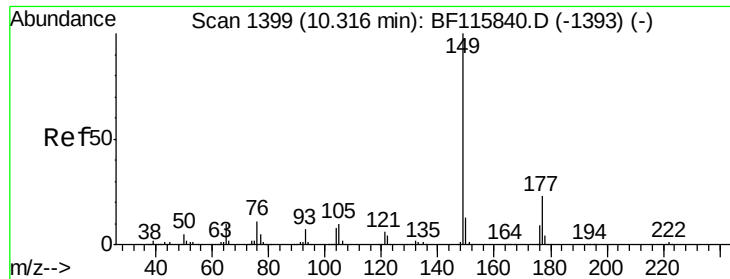
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 86.886 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
232	100			
131	46.3	37.6	56.4	
130	2.5	1.8	2.8	
166	30.5	24.6	37.0	





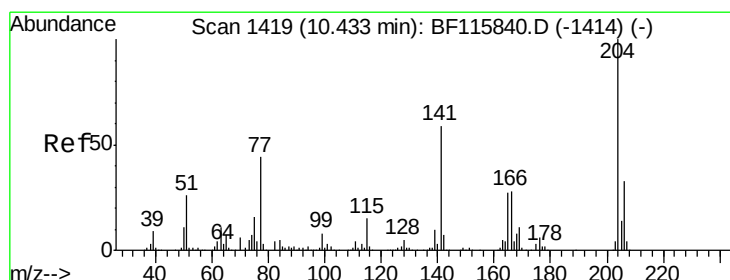
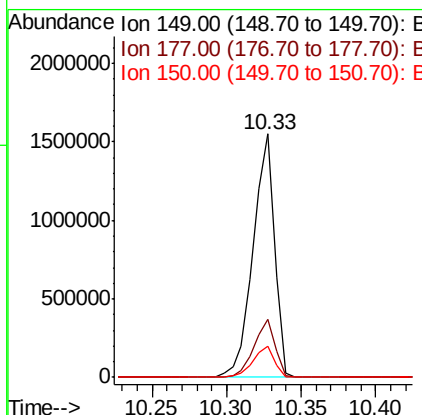
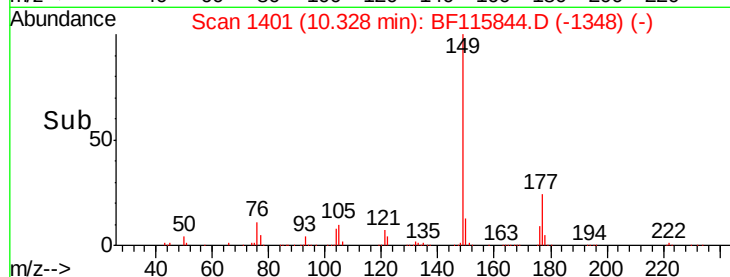
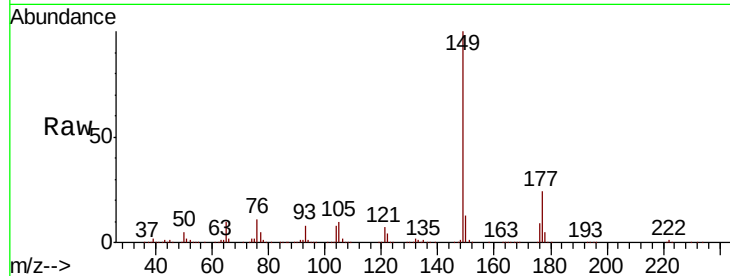
#60
Diethylphthalate
Concen: 80.548 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.4	27.6
150	12.9	10.1	15.1

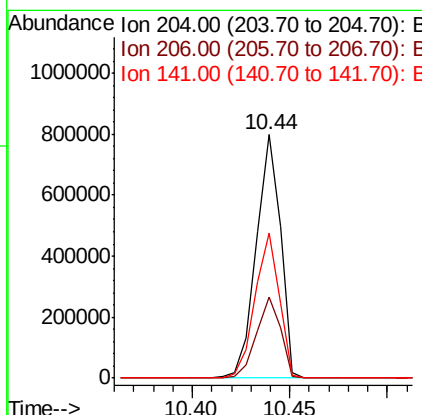
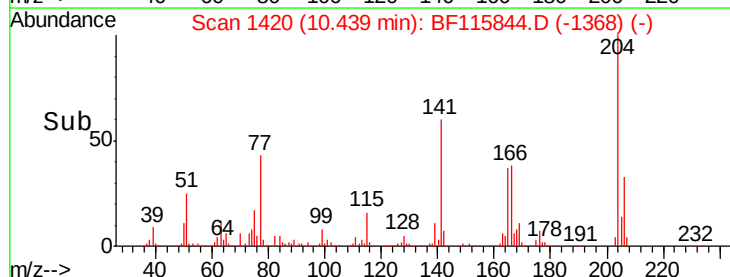
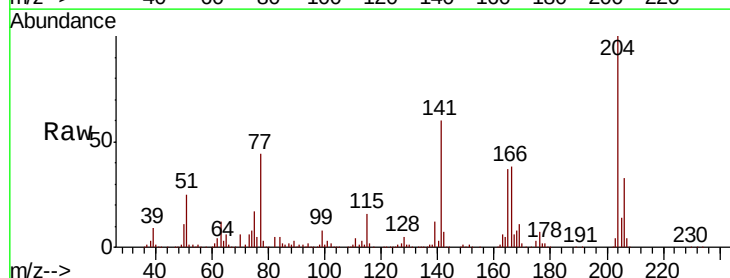
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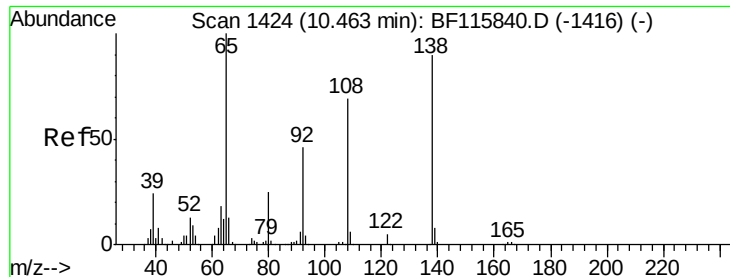
mohammad
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#61
4-Chlorophenyl-phenylether
Concen: 78.432 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.4	39.6
141	59.6	47.0	70.4





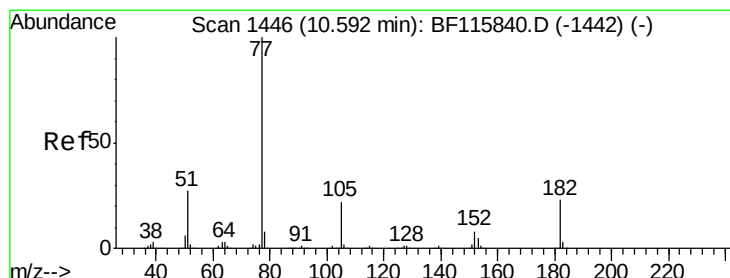
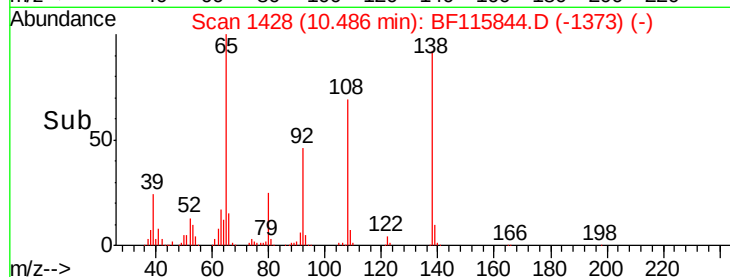
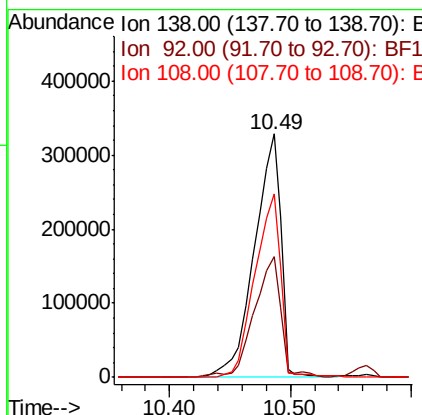
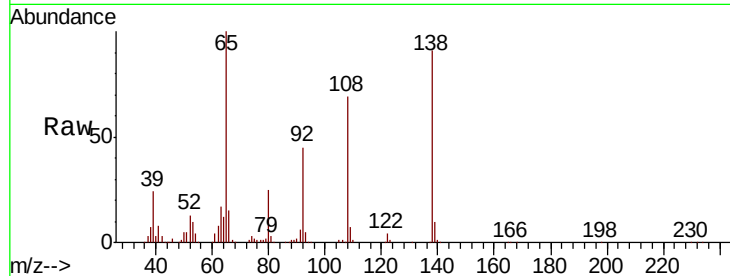
#62
4-Nitroaniline
Concen: 85.917 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.02 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.6	31.0	71.0
108	75.4	56.7	96.7

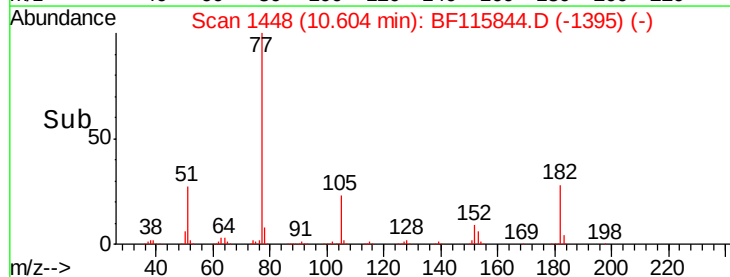
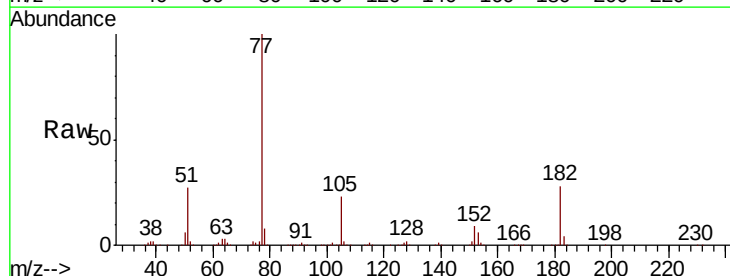
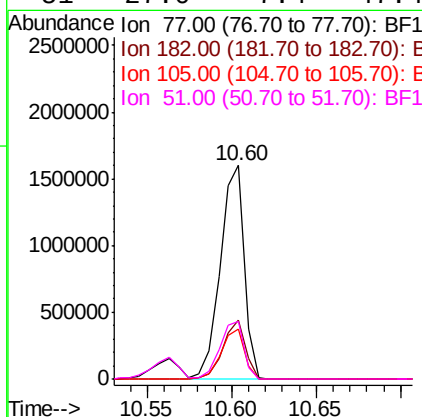
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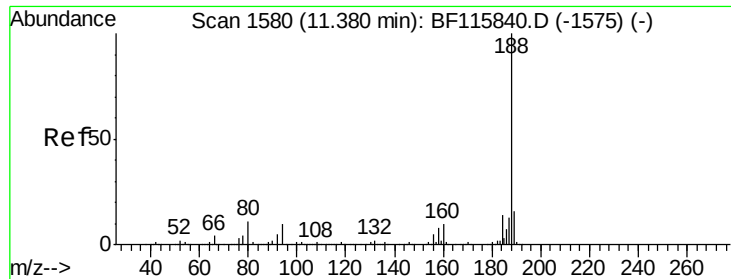
mohammad
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#63
Azobenzene
Concen: 77.946 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	2.6	42.6
105	23.4	1.6	41.6
51	27.0	7.4	47.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Instrument :

BNA_F

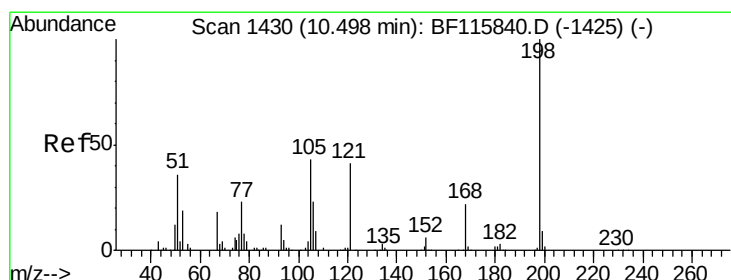
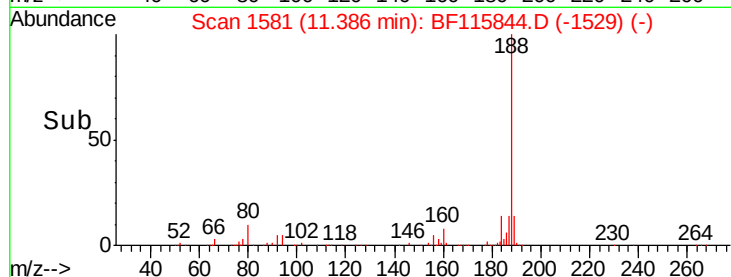
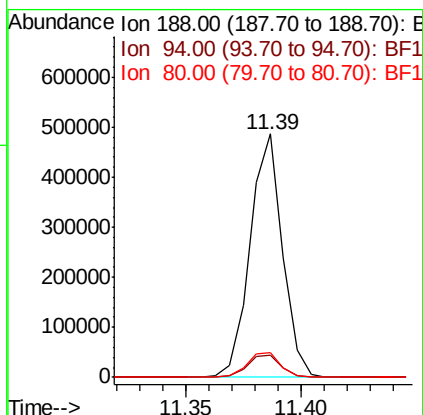
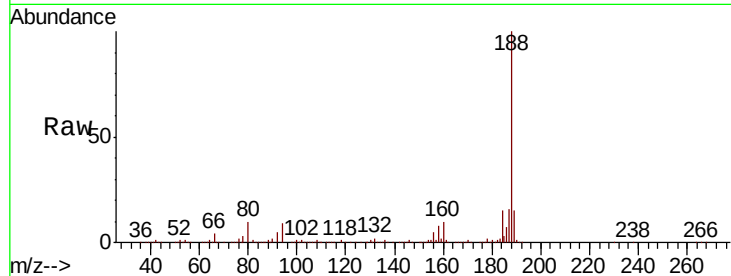
ClientSampleId :

SSTDICC100

Tot Ion:	188	Resp:	474907
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.0	12.0
80	10.0	8.6	12.8

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#65

4,6-Dinitro-2-methylphenol

Concen: 100.094 ng

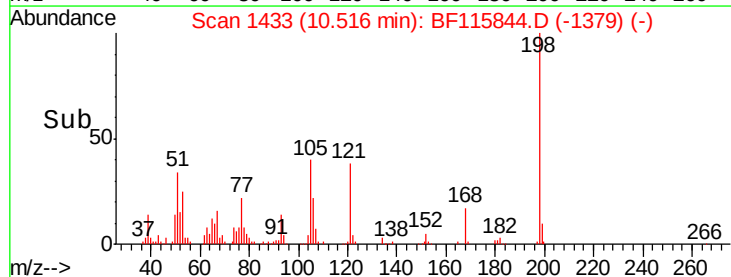
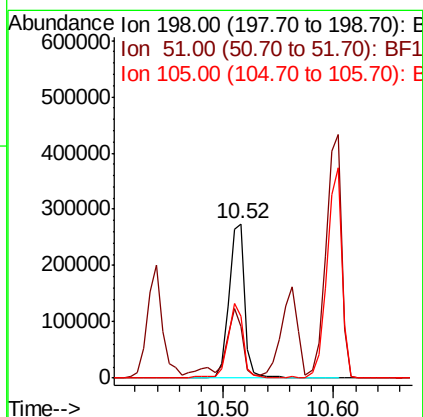
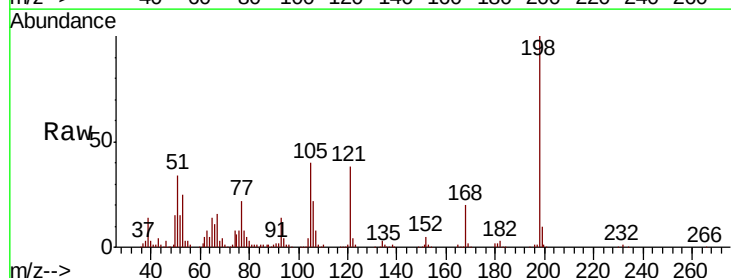
RT: 10.52 min Scan# 1433

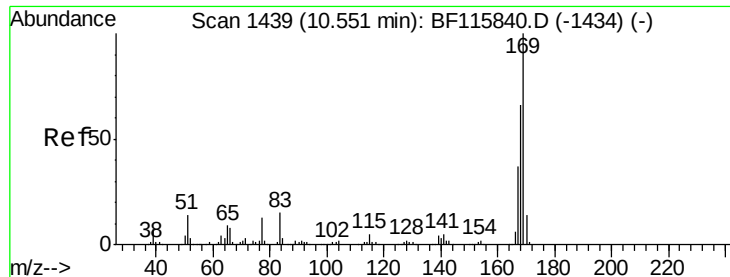
Delta R.T. 0.02 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Tgt Ion:	198	Resp:	276098
Ion Ratio	Lower	Upper	
198	100		
51	33.7	21.1	61.1
105	40.0	24.5	64.5





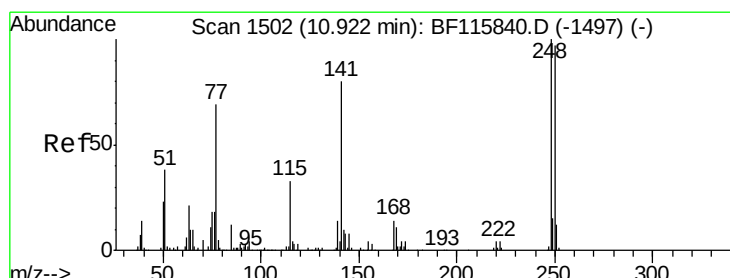
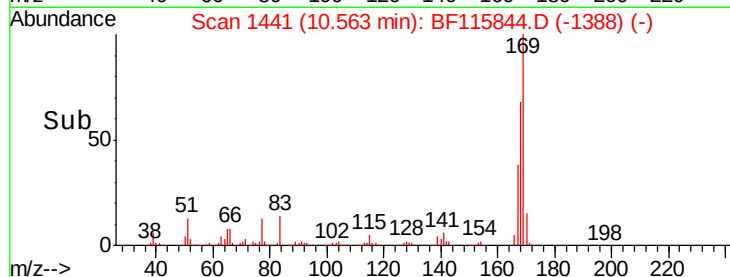
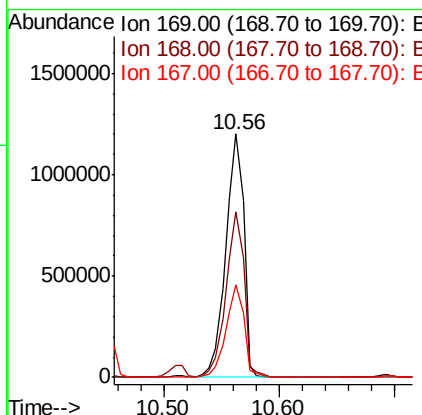
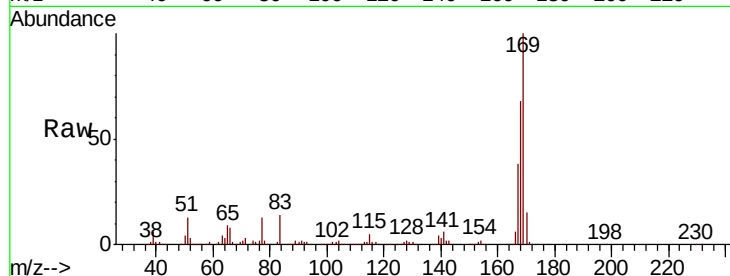
#66
 n-Nitrosodiphenylamine
 Concen: 89.051 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.0	79.6
167	37.8	29.9	44.9

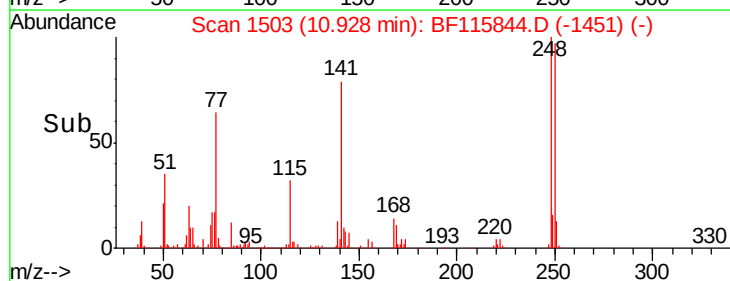
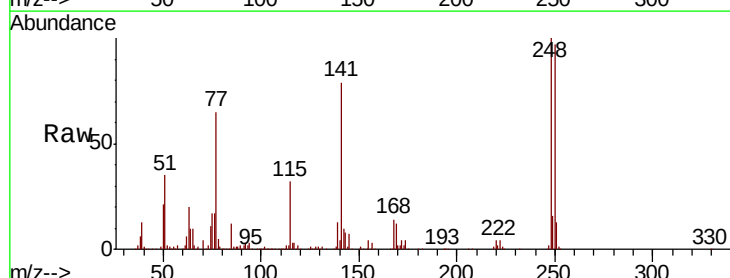
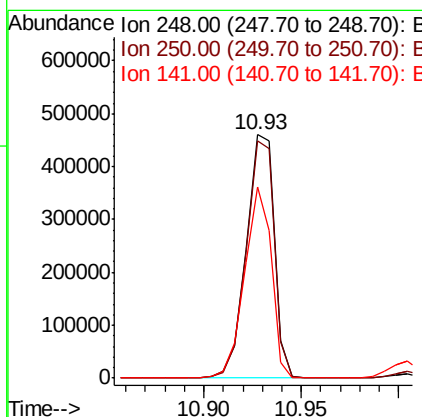
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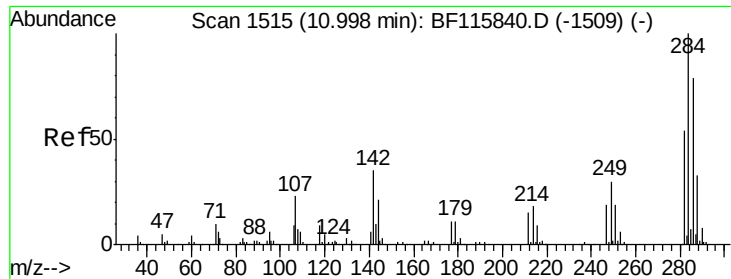
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#67
 4-Bromophenyl-phenylether
 Concen: 88.996 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.8	116.6
141	78.6	64.3	96.5





#68

Hexachlorobenzene

Concen: 90.553 ng

RT: 11.00 min Scan# 1516

Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Instrument :

BNA_F

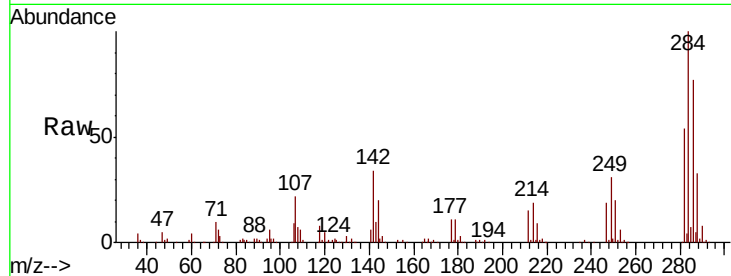
ClientSampleId :

SSTDICC100

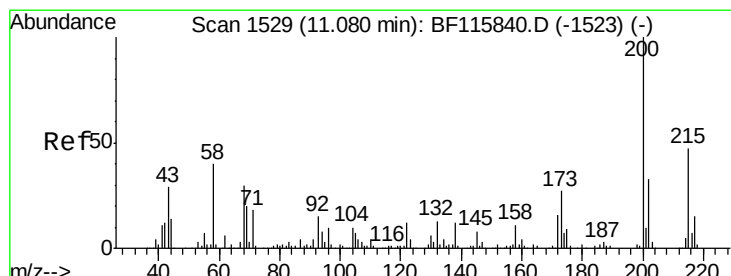
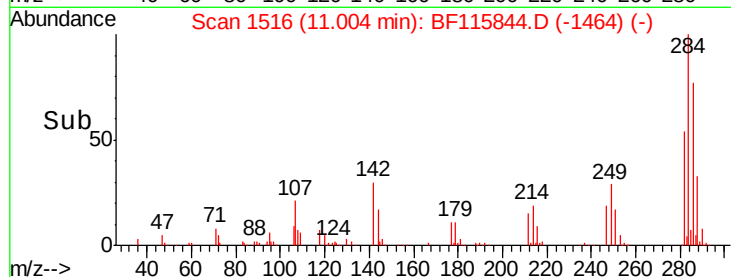
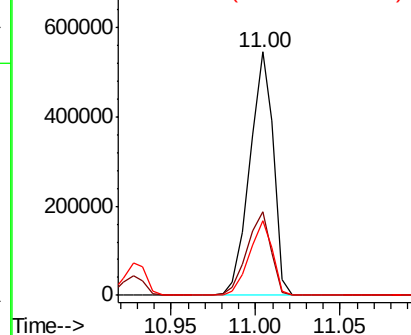
Tot Ion:	284	Resp:	534282
Ion Ratio	Lower	Upper	
284	100		
142	34.1	28.2	42.2
249	30.6	24.0	36.0

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 124.404 ng

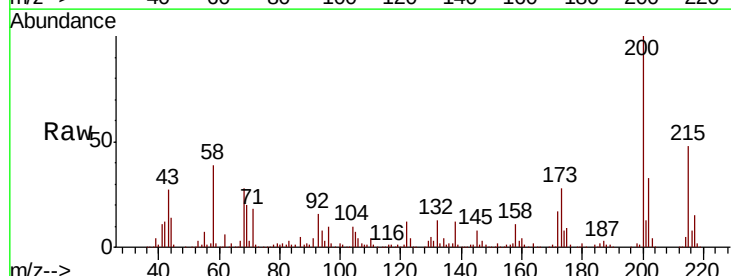
RT: 11.09 min Scan# 1531

Delta R.T. 0.01 min

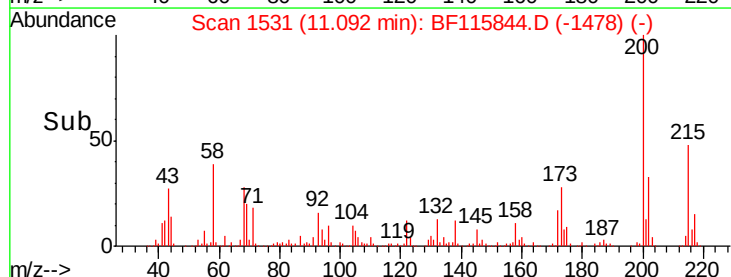
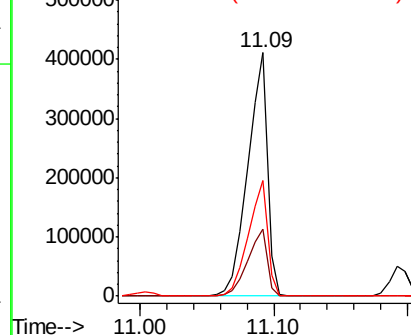
Lab File: BF115844.D

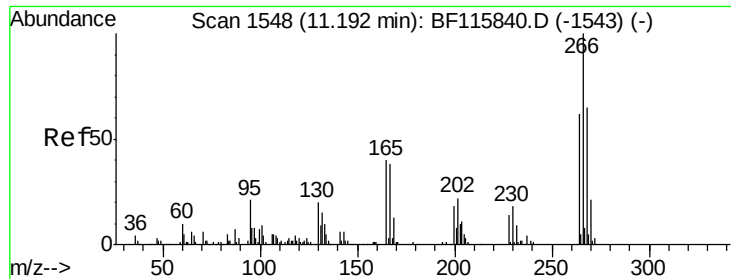
Acq: 30 Jul 2019 15:35

Tgt Ion:	200	Resp:	416647
Ion Ratio	Lower	Upper	
200	100		
173	27.7	7.3	47.3
215	47.6	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





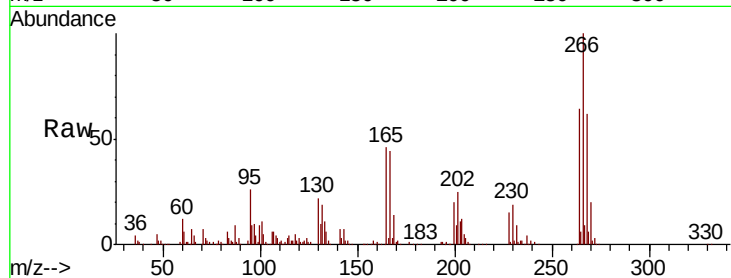
#70
 Pentachlorophenol
 Concen: 101.690 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.5	51.6	77.4	
264	64.3	49.4	74.0	

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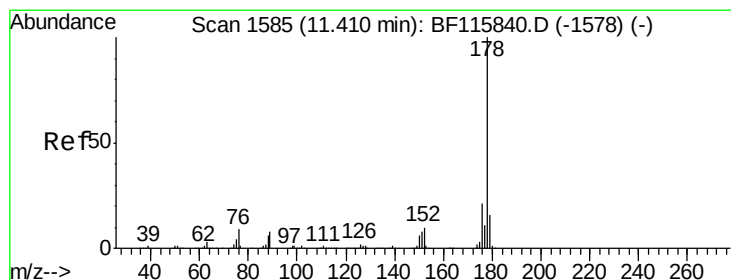
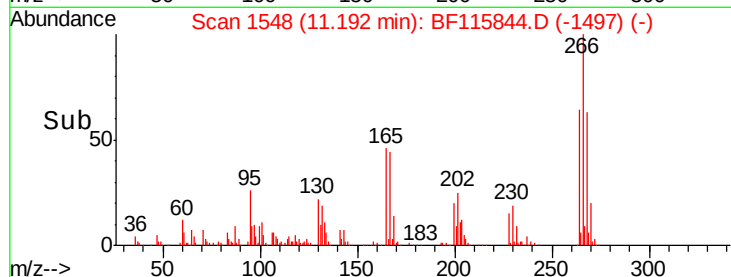
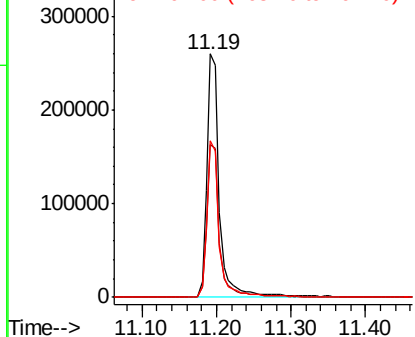


Abundance

Ion 265.70 (265.40 to 266.40): E

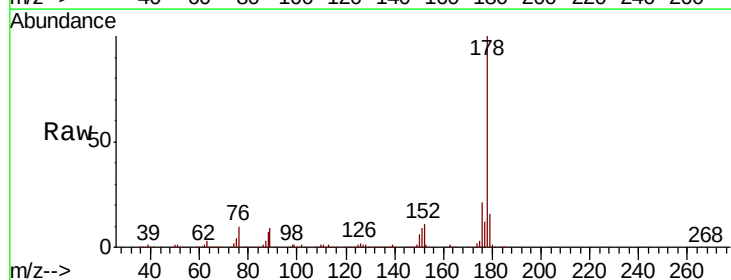
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 86.013 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	21.4	16.5	24.7	
179	16.4	12.6	18.8	

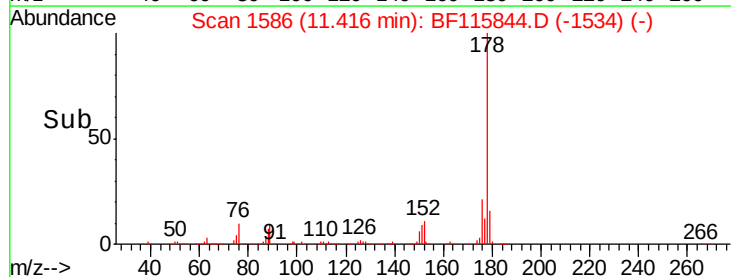
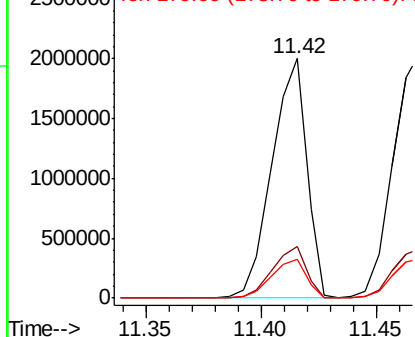


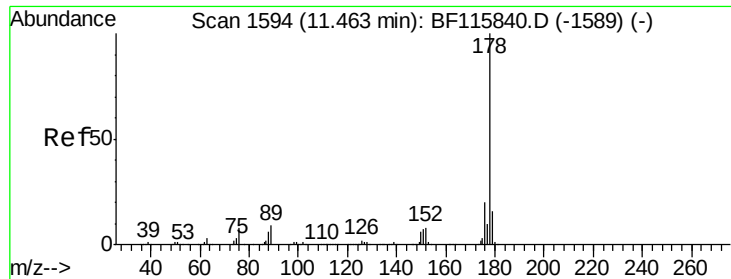
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 85.932 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:178 Resp: 2096547

Ion Ratio Lower Upper

178 100

176 20.5 15.7 23.5

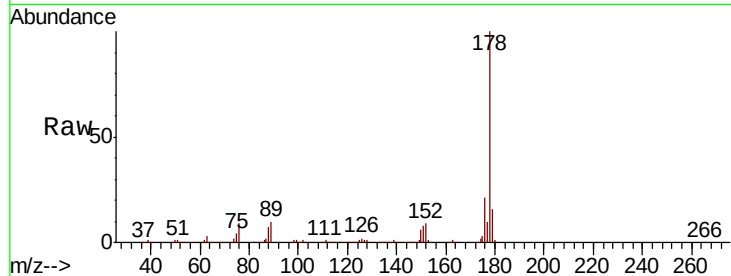
179 16.1 12.4 18.6

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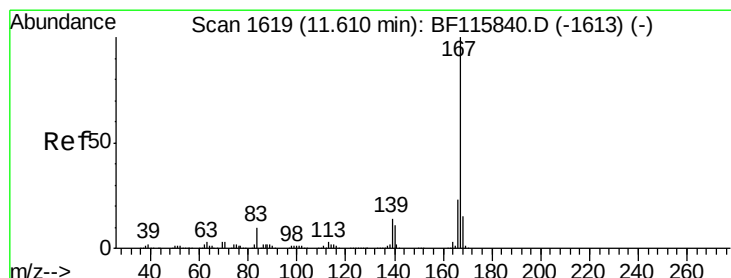
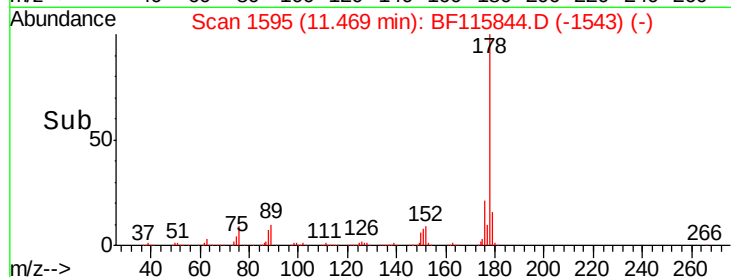
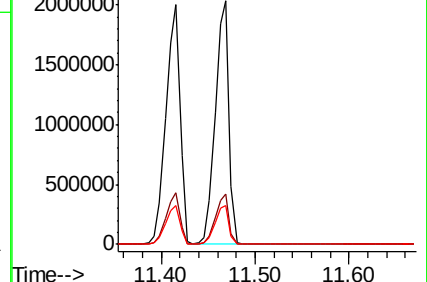
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 85.233 ng

RT: 11.62 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

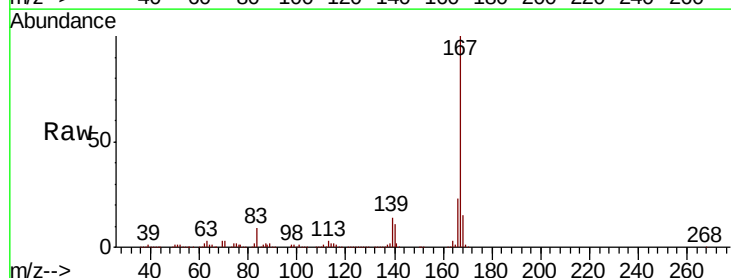
Tgt Ion:167 Resp: 1938198

Ion Ratio Lower Upper

167 100

166 22.8 18.0 27.0

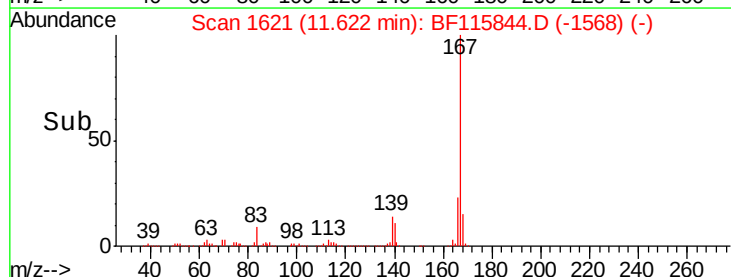
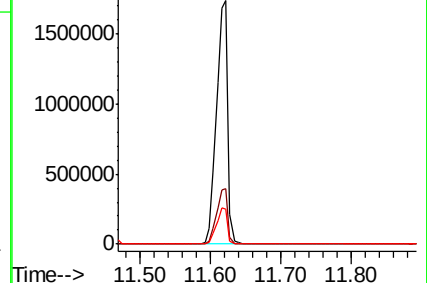
139 14.2 11.4 17.2

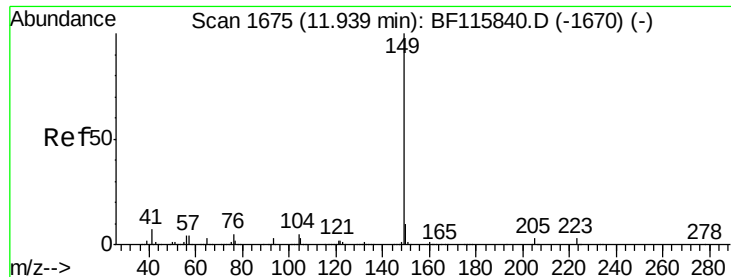


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 87.108 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC100

Tot Ion:149 Resp: 2201255

Ion Ratio Lower Upper

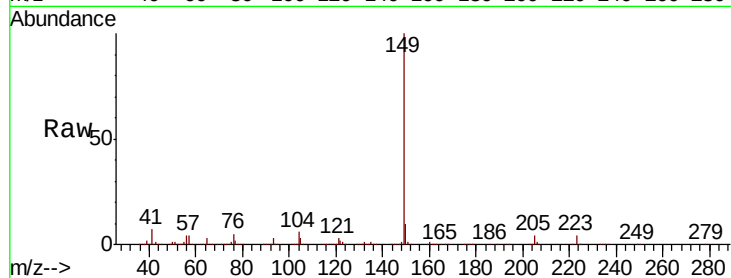
149 100

150 10.1 7.7 11.5

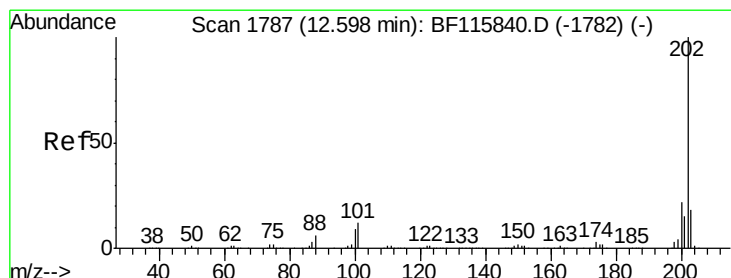
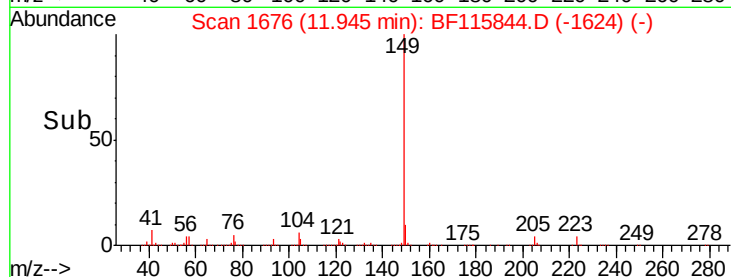
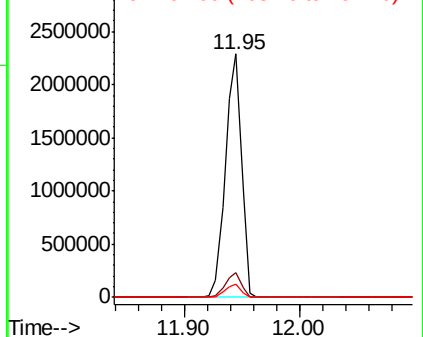
104 5.6 4.3 6.5

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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: 85.495 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

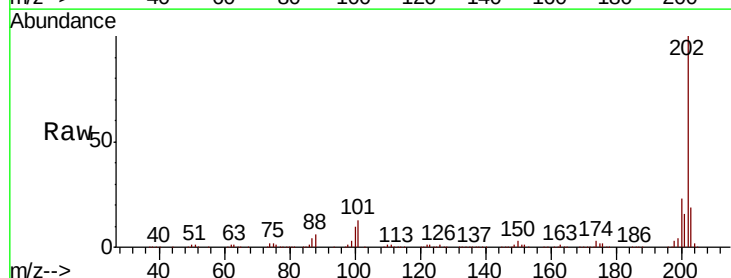
Tgt Ion:202 Resp: 2180721

Ion Ratio Lower Upper

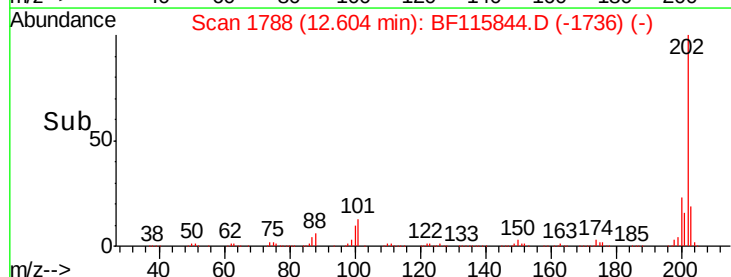
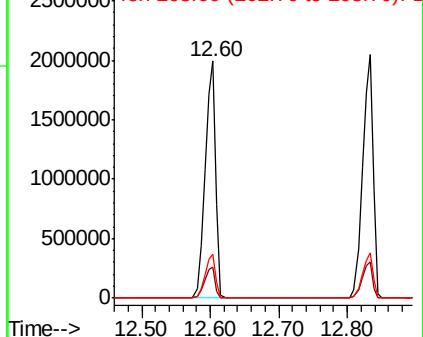
202 100

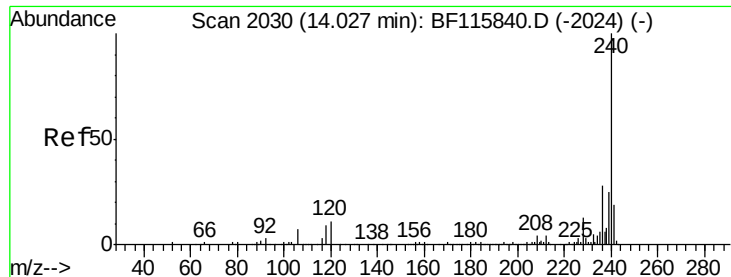
101 13.1 0.0 31.5

203 18.6 0.0 37.9



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: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Instrument :

BNA_F

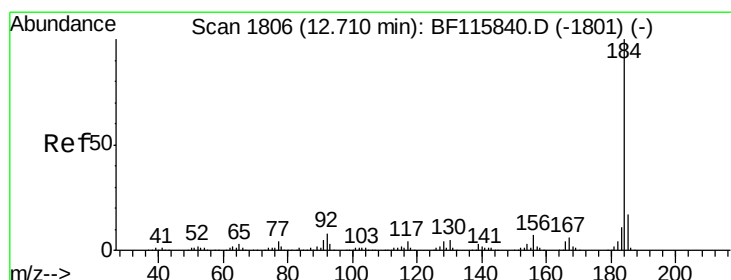
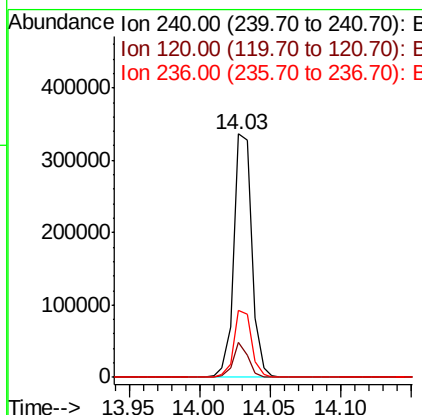
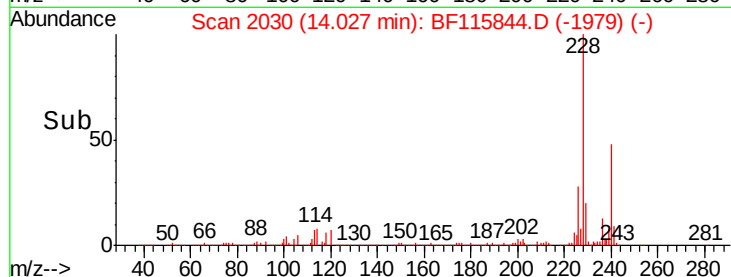
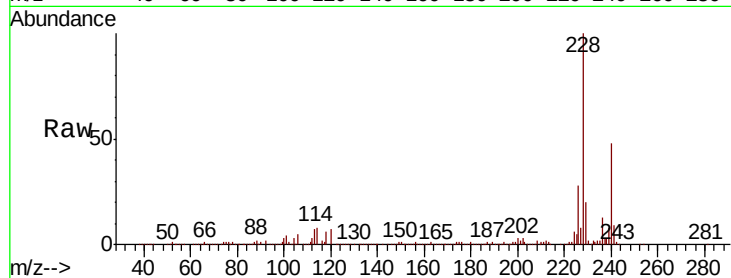
ClientSampleId :

SSTDICC100

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.2	8.5	12.7#
236	27.5	22.2	33.2

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#77

Benzidine

Concen: 94.358 ng

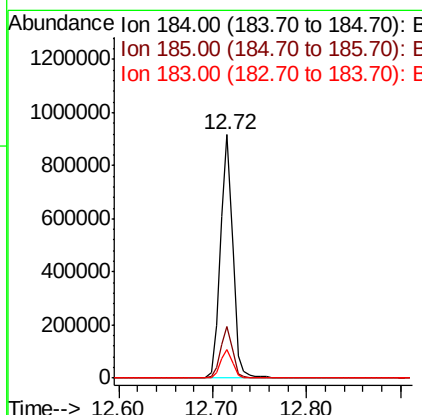
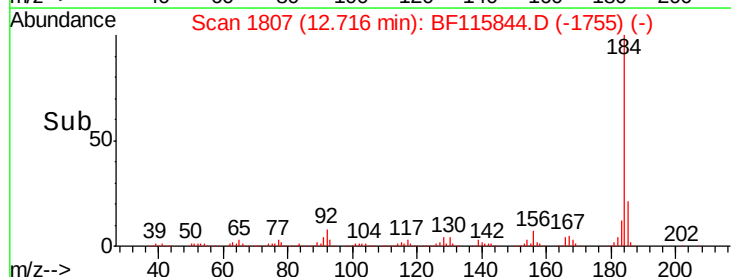
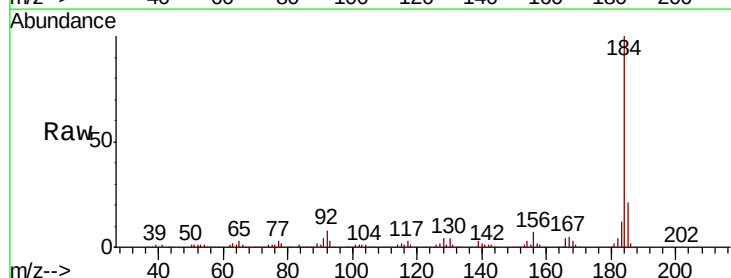
RT: 12.72 min Scan# 1807

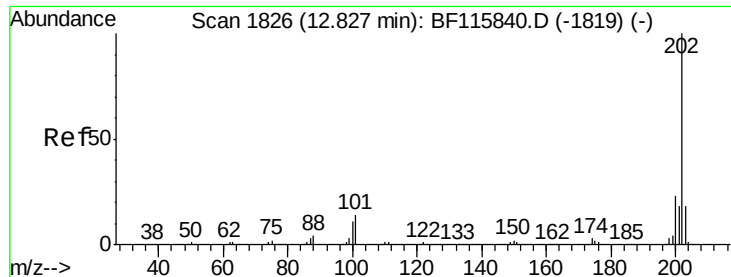
Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	21.0	13.4	20.2#
183	11.7	9.1	13.7





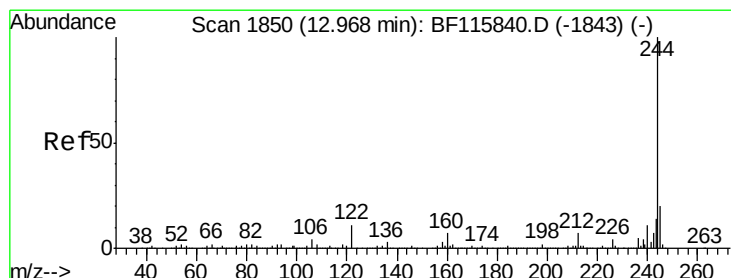
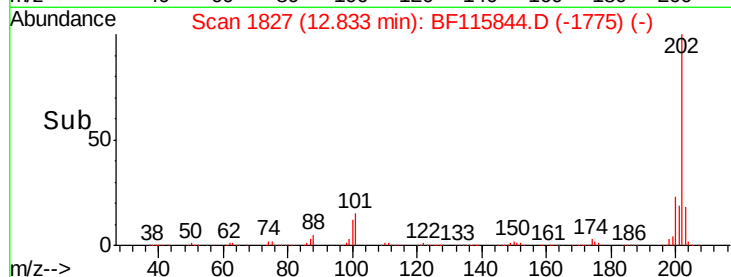
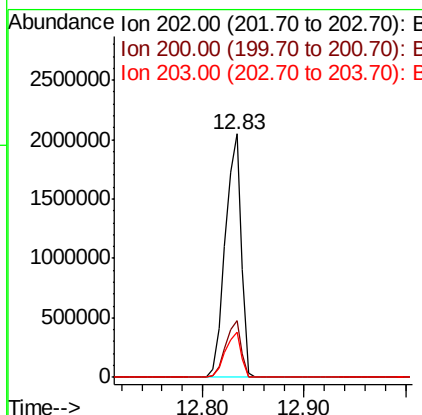
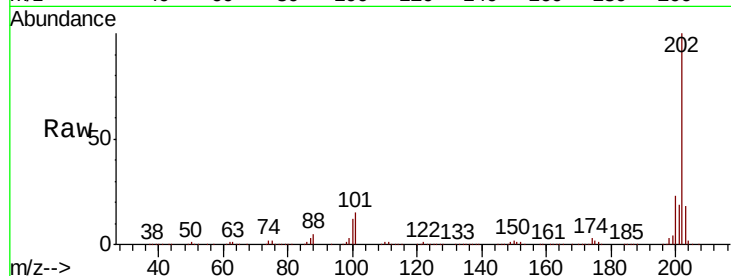
#78
Pvrene
Concen: 92.955 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	18.4	14.3	21.5

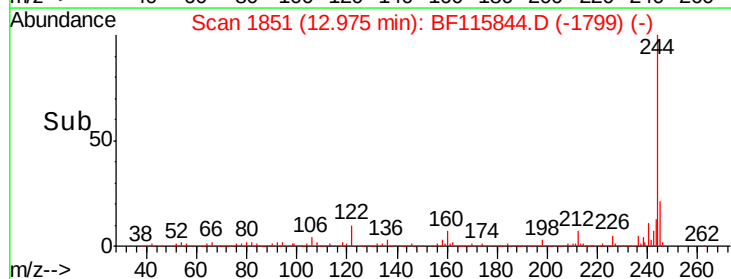
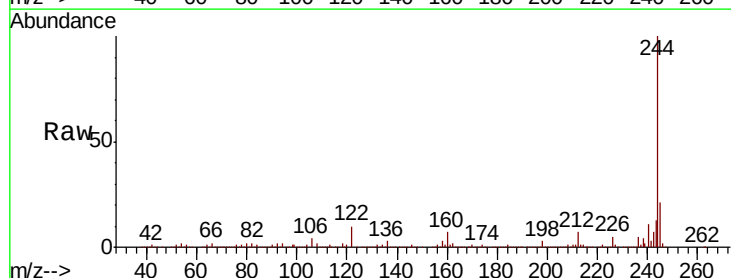
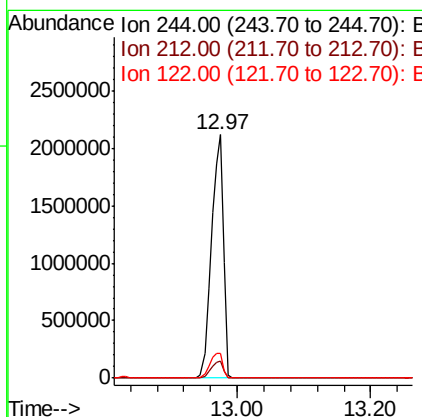
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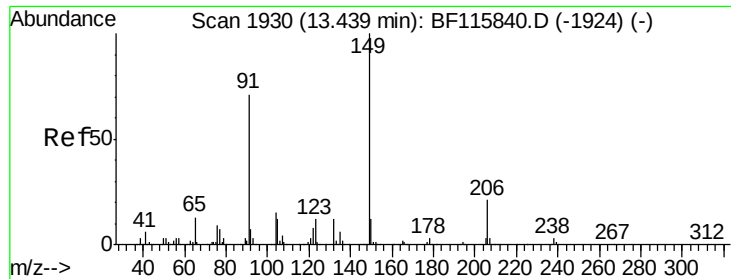
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#79
Terphenyl-d14
Concen: 180.932 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.3	8.6	13.0





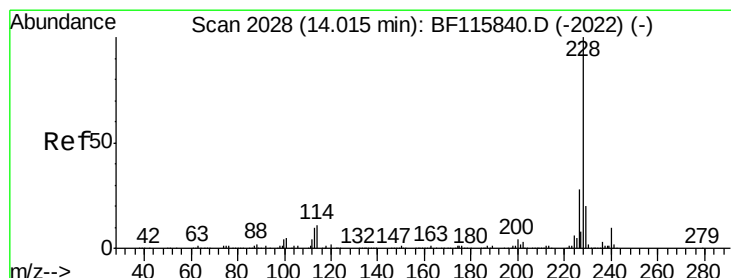
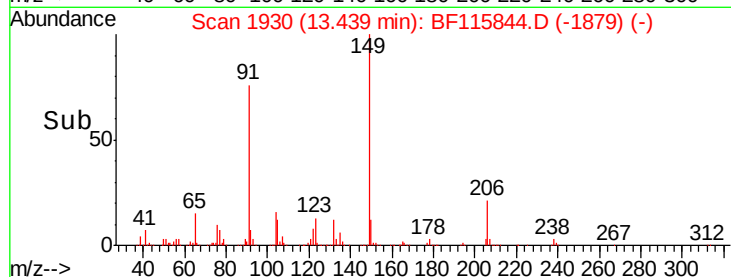
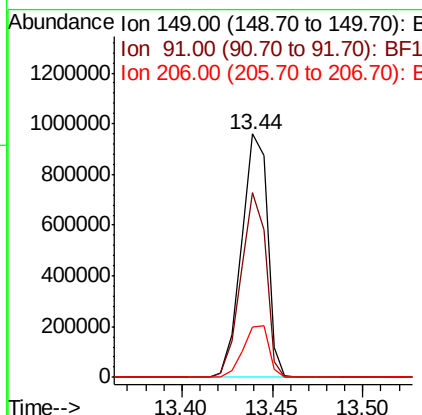
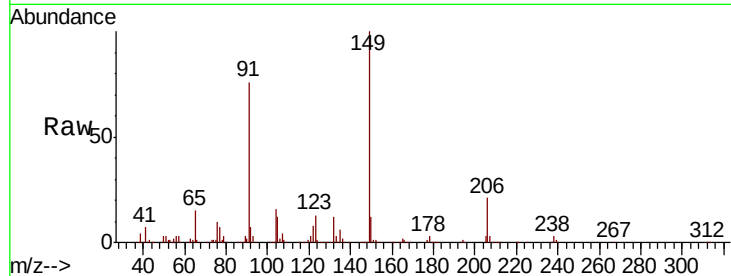
#80
Butylbenzylphthalate
Concen: 95.330 ng
RT: 13.44 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.9	57.0	85.6
206	20.5	16.9	25.3

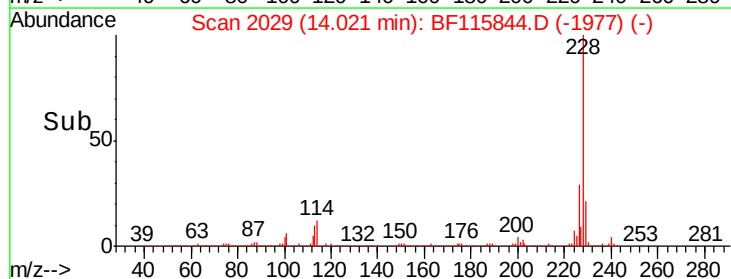
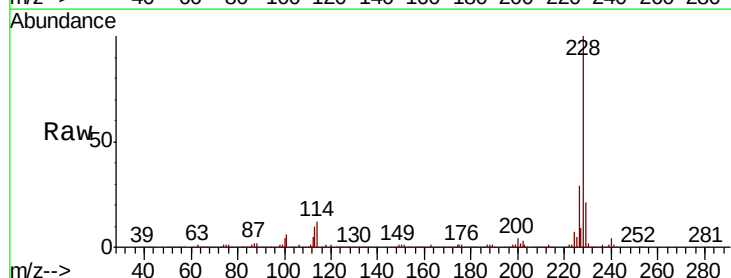
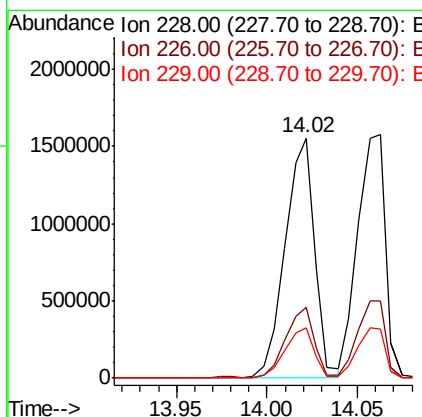
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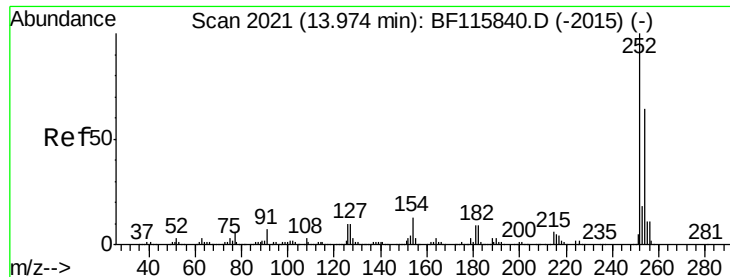
mohammad
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#81
Benzo(a)anthracene
Concen: 88.028 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	20.9	16.1	24.1





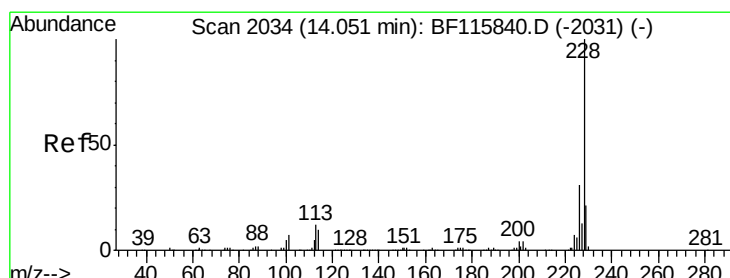
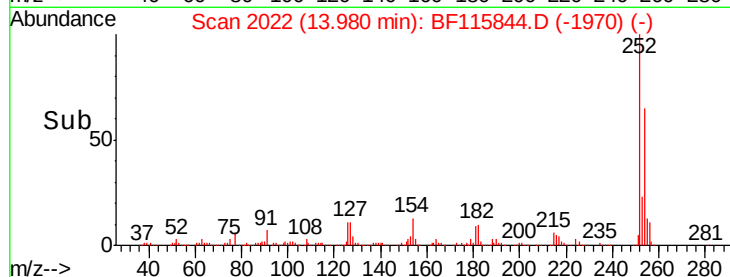
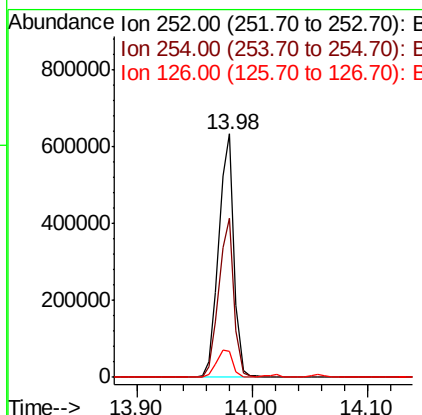
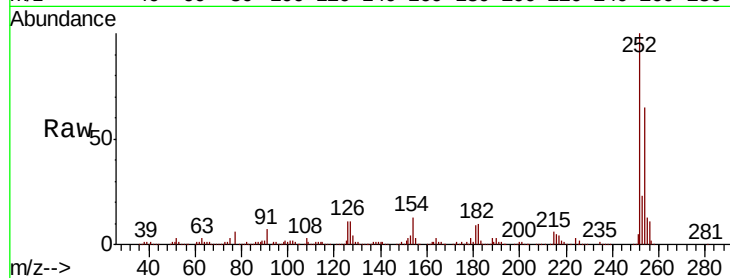
#82
 3,3'-Dichlorobenzidine
 Concen: 87.518 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.2	76.8
126	10.9	8.1	12.1

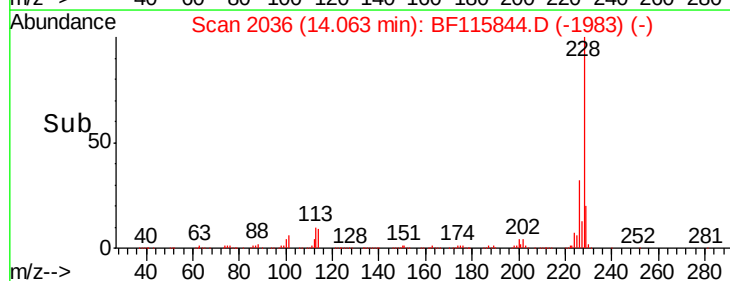
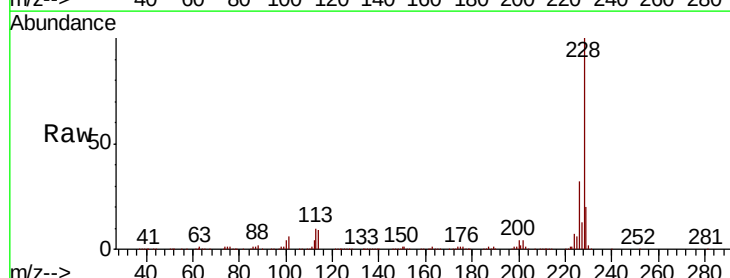
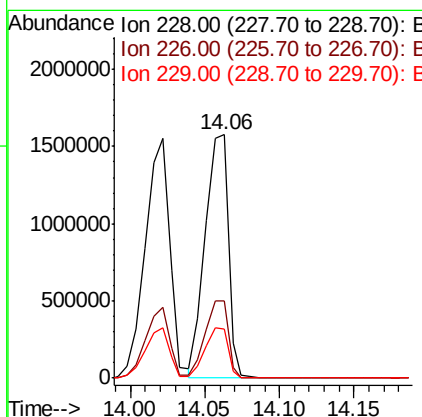
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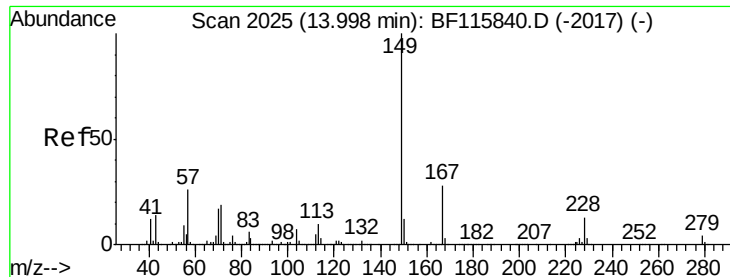
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#83
 Chrysene
 Concen: 86.271 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.8	37.2
229	20.4	16.4	24.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 92.959 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:149 Resp: 1166688

Ion Ratio Lower Upper

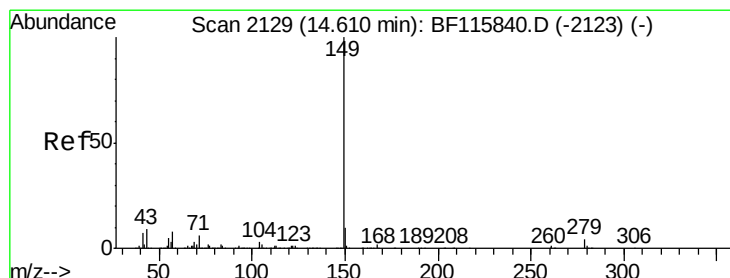
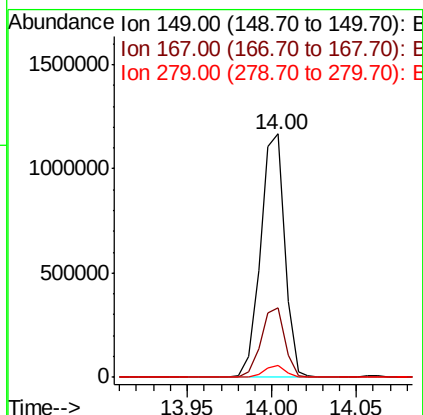
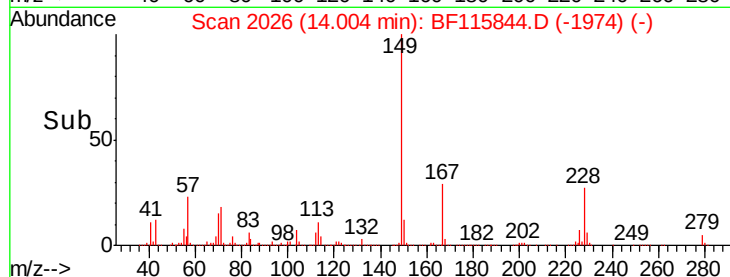
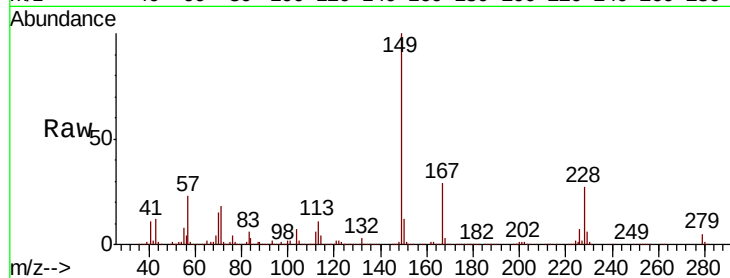
149 100

167 28.7 22.4 33.6

279 4.8 3.3 4.9

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#85

Di-n-octyl phthalate

Concen: 87.875 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BF115844.D

Acq: 30 Jul 2019 15:35

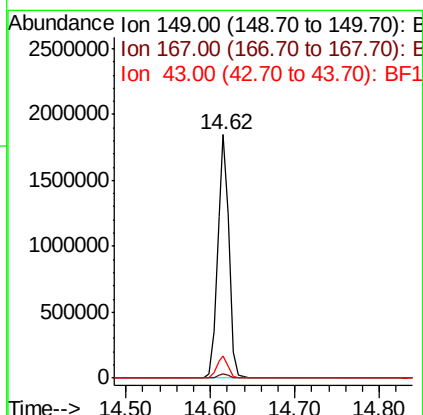
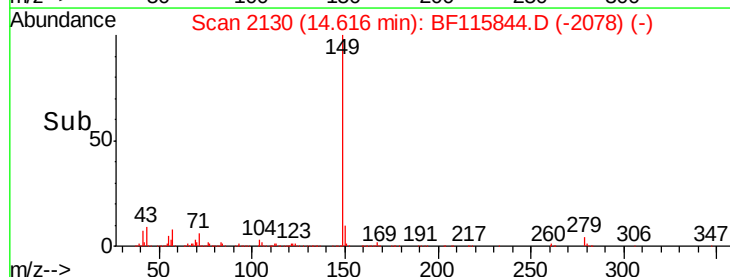
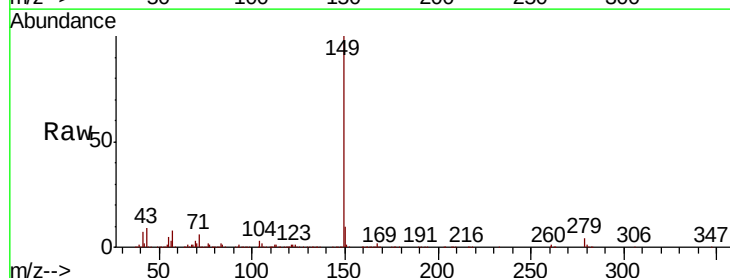
Tgt Ion:149 Resp: 1753670

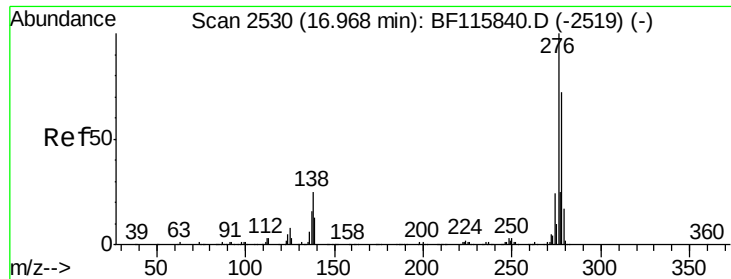
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.3 7.4 11.0





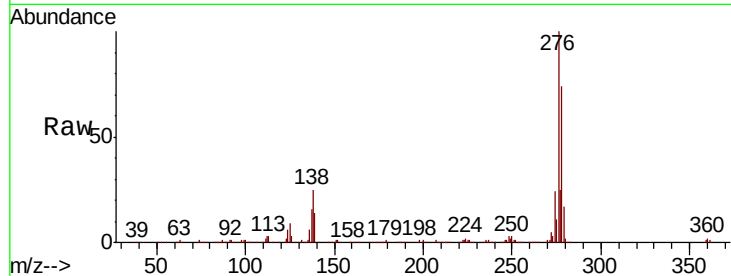
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 92.407 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.02 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

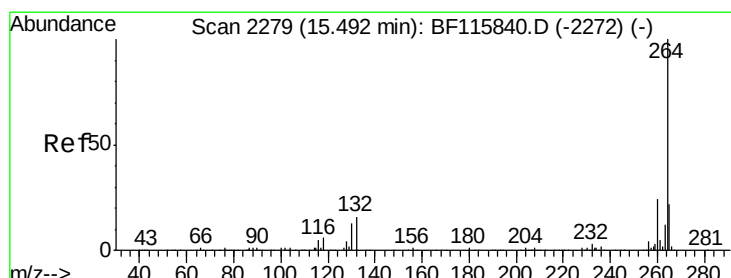
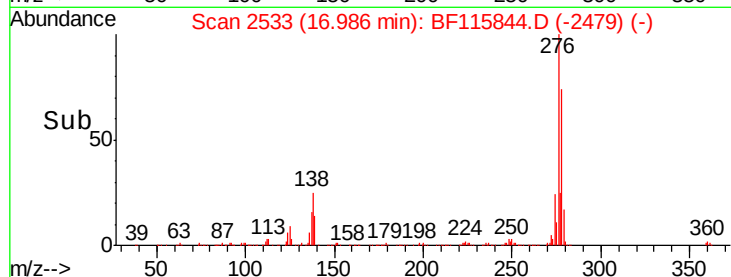
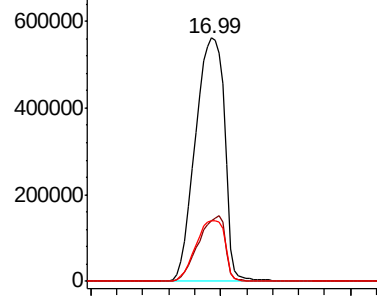
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.6	29.4
277	25.2	20.1	30.1

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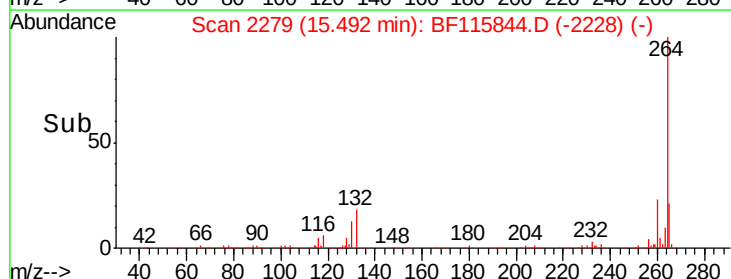
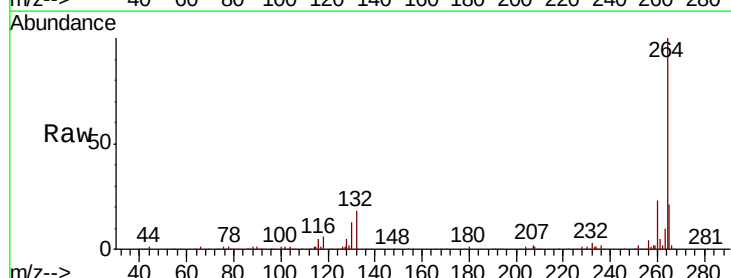
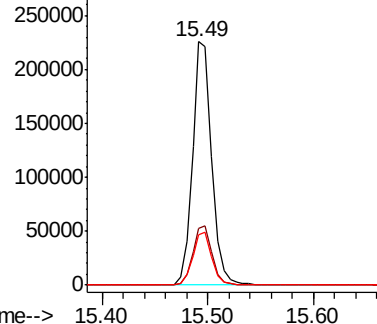
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

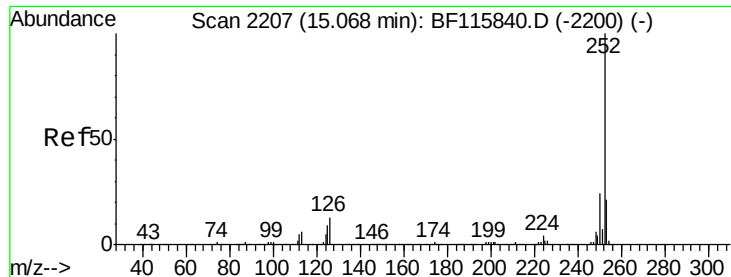


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	20.7	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





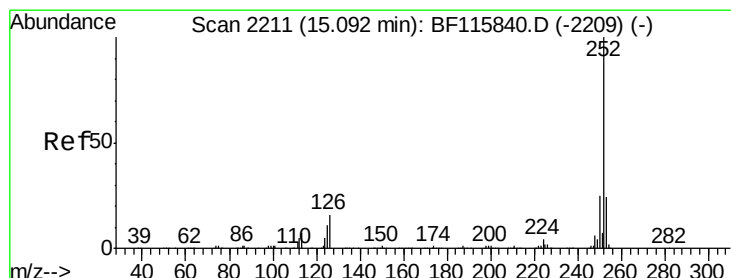
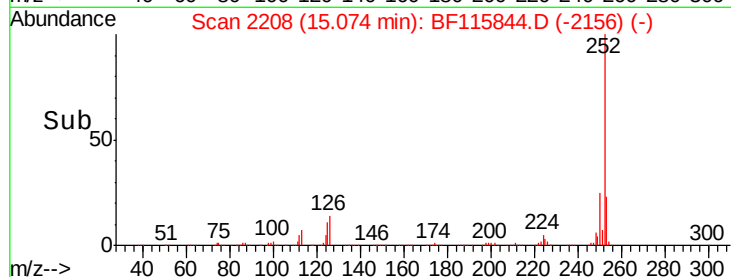
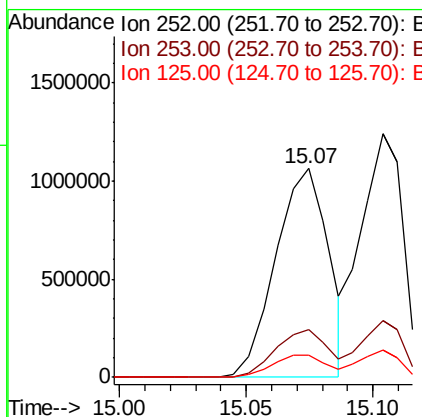
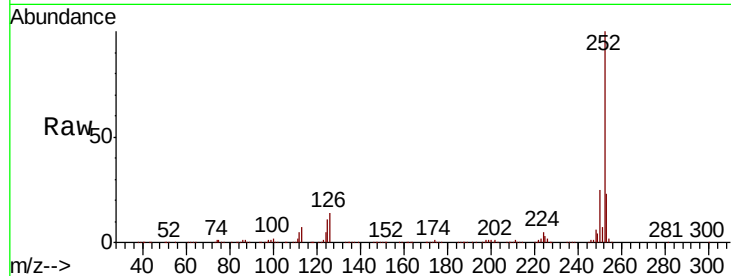
#88
Benzo(b)fluoranthene
Concen: 87.180 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	10.6	7.4	11.0

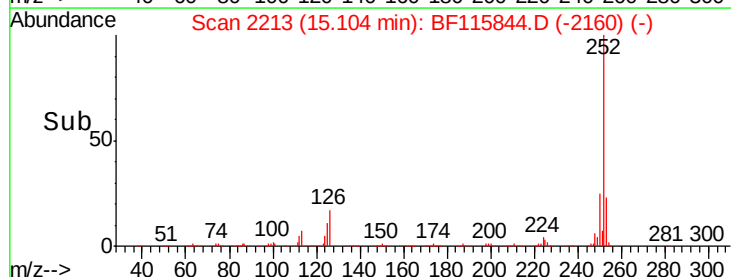
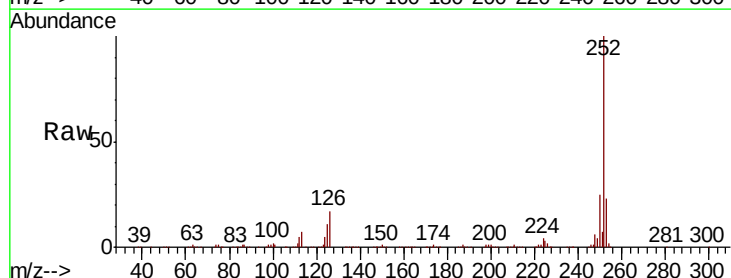
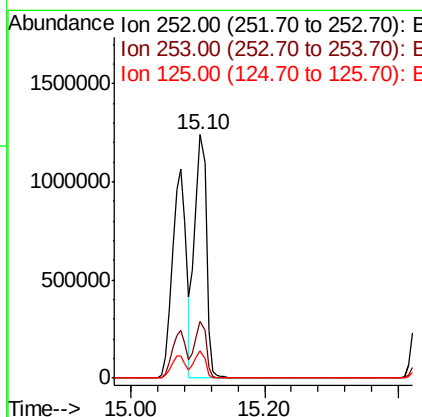
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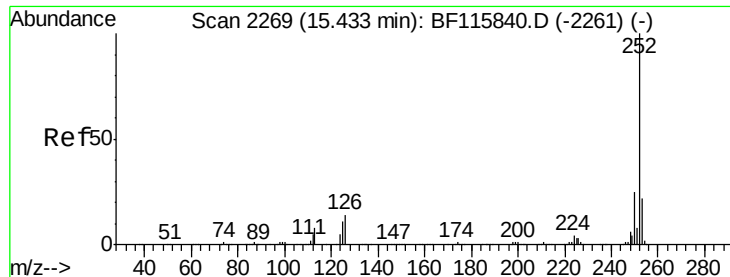
mohammad
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#89
Benzo(k)fluoranthene
Concen: 93.042 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	11.4	8.9	13.3





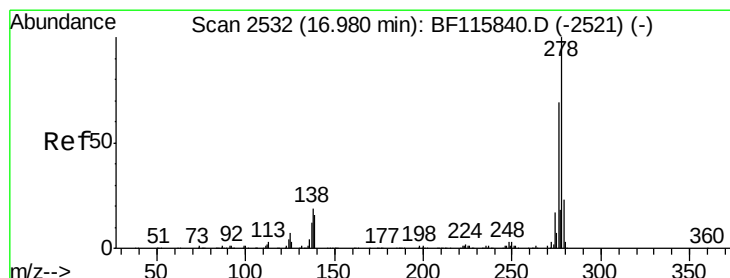
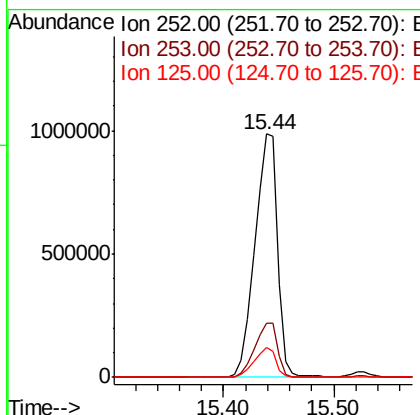
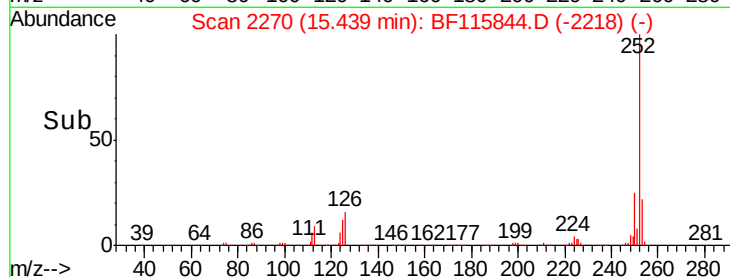
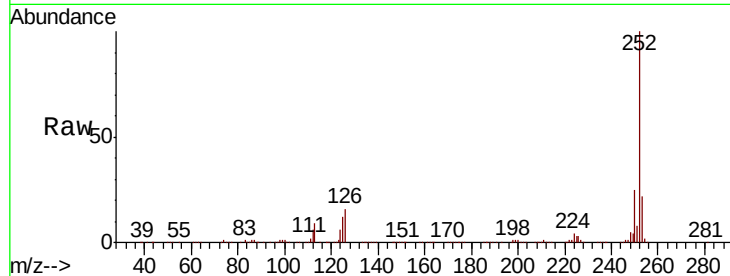
#90
Benzo(a)pyrene
Concen: 91.397 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.0	8.8	13.2

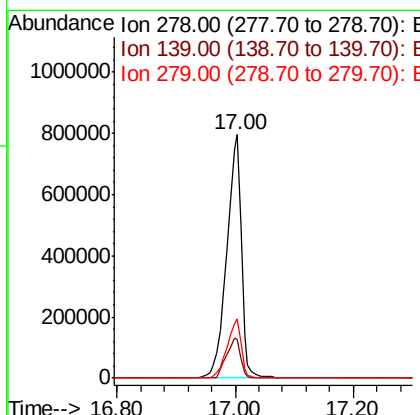
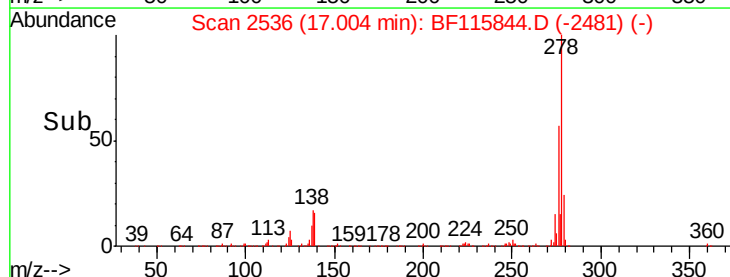
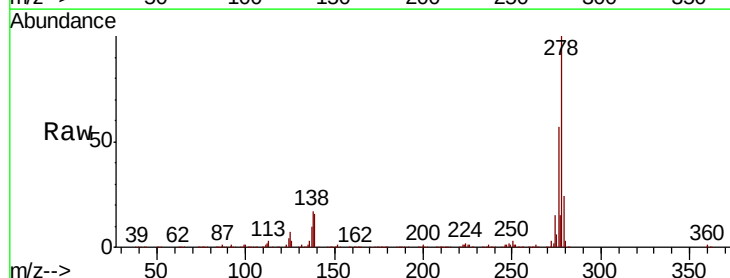
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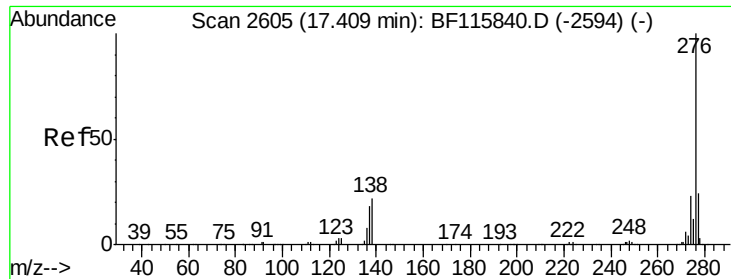
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 98.518 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.02 min
Lab File: BF115844.D
Acq: 30 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	19.0
279	24.4	18.8	28.2





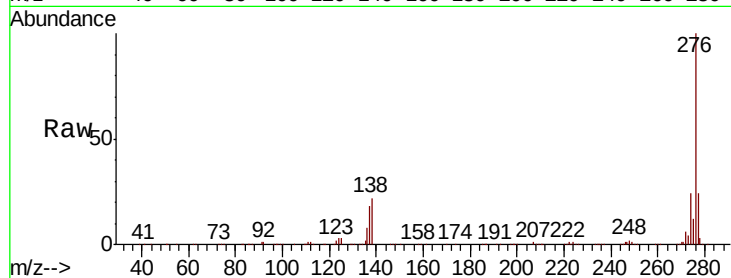
#92
 Benzo(a,h,i)perylene
 Concen: 101.986 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.03 min
 Lab File: BF115844.D
 Acq: 30 Jul 2019 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	22.0	17.8	26.8

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

