

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
 Data File : BF115437.D
 Acq On : 9 Jul 2019 16:43
 Operator : HP/JU
 Sample : K3687-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MS

Manual Integrations
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mohammad
 7/10/2019 6:16:48 PM

Quant Time: Jul 10 07:28:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:29:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	161499	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	648267	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	330144	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	664843	20.00	ng	0.00
76) Chrysene-d12	14.21	240	423879	20.00	ng	0.00
87) Perylene-d12	15.86	264	402109	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1150637	110.08	ng	0.00
7) Phenol-d6	6.53	99	1540700	115.90	ng	0.00
23) Nitrobenzene-d5	7.46	82	972360	88.62	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	465794	127.60	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1646893	87.53	ng	0.00
79) Terphenyl-d14	13.04	244	1921771	92.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	144006	28.087	ng	99
3) Pyridine	3.50	79	379920	26.798	ng	98
4) n-Nitrosodimethylamine	3.43	42	169087	29.411	ng	99
6) Aniline	6.56	93	390673	20.825	ng	99
8) 2-Chlorophenol	6.69	128	403099	34.153	ng	98
9) Benzaldehyde	6.44	77	222003	26.832	ng	99
10) Phenol	6.54	94	514418	32.342	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	384647	32.598	ng	97
12) 1,3-Dichlorobenzene	6.84	146	421393	32.588	ng	98
13) 1,4-Dichlorobenzene	6.92	146	428150	33.055	ng	98
14) 1,2-Dichlorobenzene	7.07	146	399685	33.329	ng	98
15) Benzyl Alcohol	7.03	79	365769	34.288	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	515297	31.233	ng	99
17) 2-Methylphenol	7.15	107	342338	33.856	ng	99
18) Hexachloroethane	7.41	117	156322	32.397	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	287580	31.975	ng	95
20) 3+4-Methylphenols	7.29	107	427207	35.767	ng	98
22) Acetophenone	7.30	105	557467	35.887	ng	# 93
24) Nitrobenzene	7.47	77	436881	35.257	ng	99
25) Isophorone	7.72	82	810147	34.065	ng	98
26) 2-Nitrophenol	7.79	139	221305	43.441	ng	95
27) 2,4-Dimethylphenol	7.83	122	369118	37.998	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	497573	33.929	ng	99
29) 2,4-Dichlorophenol	8.03	162	357753	36.976	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	379843	35.265	ng	99
31) Naphthalene	8.20	128	1171314	36.377	ng	100
32) Benzoic acid	7.87	122	18971	8.385	ng	93
33) 4-Chloroaniline	8.24	127	227634	15.845	ng	99
34) Hexachlorobutadiene	8.32	225	209677	34.326	ng	98
35) Caprolactam	8.60	113	116934m	37.107	ng	
36) 4-Chloro-3-methylphenol	8.72	107	382578	37.383	ng	99
37) 2-Methylnaphthalene	8.89	142	791283	36.766	ng	99
38) 1-Methylnaphthalene	8.99	142	746051	36.331	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	351453	37.004	ng	99

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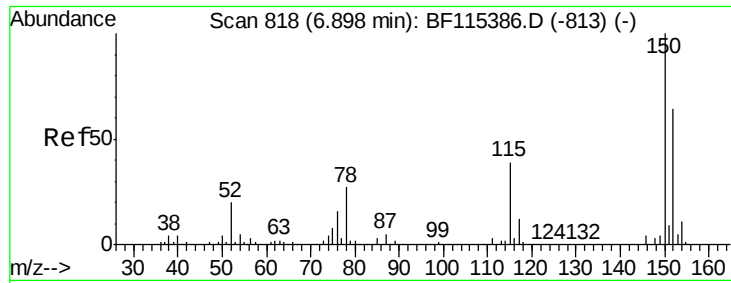
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	396505	72.028	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	263918	38.168	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	277224	38.665	nq	98
46) 1,1'-Biphenyl	9.35	154	977773	37.673	nq	99
47) 2-Chloronaphthalene	9.38	162	773795	36.073	nq	98
48) 2-Nitroaniline	9.47	65	244855	38.852	nq	91
49) Acenaphthylene	9.79	152	1201711	37.002	nq	99
50) Dimethylphthalate	9.65	163	1261026	50.890	nq	100
51) 2,6-Dinitrotoluene	9.71	165	211489	39.353	nq	92
52) Acenaphthene	9.97	154	763072	37.333	nq	99
53) 3-Nitroaniline	9.87	138	171998	27.556	nq	99
54) 2,4-Dinitrophenol	9.98	184	90671	44.047	nq	# 66
55) Dibenzofuran	10.14	168	1090098	37.860	nq	98
56) 4-Nitrophenol	10.03	139	384523	79.625	nq	89
57) 2,4-Dinitrotoluene	10.11	165	290179	42.487	nq	91
58) Fluorene	10.48	166	813882	35.858	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	232979	37.614	nq	99
60) Diethylphthalate	10.35	149	913212	37.441	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	413913	37.364	nq	96
62) 4-Nitroaniline	10.49	138	236786	38.648	nq	99
63) Azobenzene	10.63	77	913073	36.317	nq	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	107495	36.086	nq	87
66) n-Nitrosodiphenylamine	10.59	169	762717	36.410	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	269413	36.114	nq	95
68) Hexachlorobenzene	11.03	284	296112	35.373	nq	97
69) Atrazine	11.12	200	256023	39.492	nq	98
70) Pentachlorophenol	11.22	266	304146	59.618	nq	100
71) Phenanthrene	11.44	178	1297582	37.110	nq	99
72) Anthracene	11.49	178	1328224	37.881	nq	100
73) Carbazole	11.64	167	1204995	37.566	nq	99
74) Di-n-butylphthalate	11.98	149	1465679	37.808	nq	99
75) Fluoranthene	12.64	202	1713398	46.540	nq	99
77) Benzidine	12.76	184	450822	27.274	nq	100
78) Pyrene	12.89	202	1713175	51.973	nq	99
80) Butylbenzylphthalate	13.56	149	637608	44.272	nq	99
81) Benzo(a)anthracene	14.20	228	1124680	41.410	nq	99
82) 3,3'-Dichlorobenzidine	14.15	252	269485	27.345	nq	99
83) Chrysene	14.24	228	1252331	44.877	nq	99
84) Bis(2-ethylhexyl)phthalate	14.20	149	808924	45.354	nq	98
85) Di-n-octyl phthalate	14.94	149	1393125	43.876	nq	99
86) Indeno(1,2,3-cd)pyrene	17.39	276	1070359	47.108	nq	99
88) Benzo(b)fluoranthene	15.42	252	1001223	38.243	nq	99
89) Benzo(k)fluoranthene	15.45	252	947546	40.696	nq	98
90) Benzo(a)pyrene	15.80	252	879185	38.934	nq	99
91) Dibenzo(a,h)anthracene	17.41	278	875429	45.368	nq	99
92) Benzo(g,h,i)perylene	17.84	276	906585	49.637	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

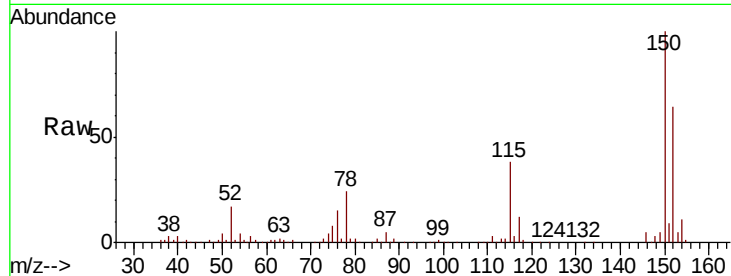
ClientSampleId :

72-12017-VNJ-206MS

Tot Ion:	152	Resp:	161499
Ion Ratio	Lower	Upper	
152	100		
150	156.0	126.5	189.7
115	59.6	48.6	73.0

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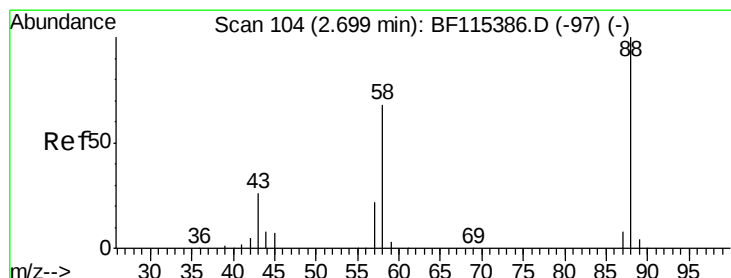
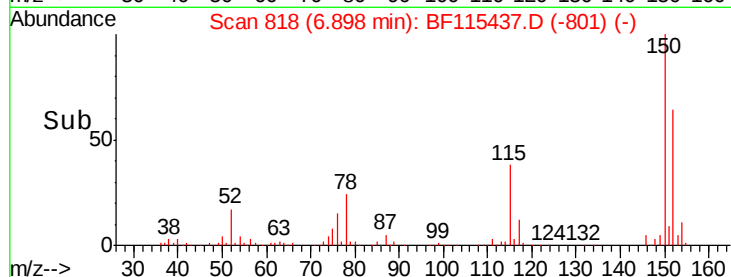
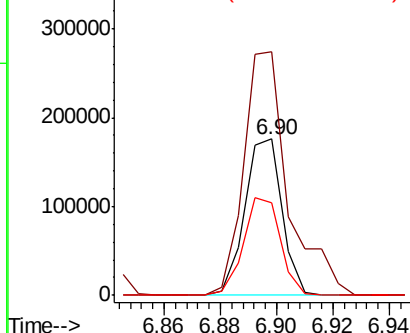


Abundance

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: 28.087 ng

RT: 2.74 min Scan# 111

Delta R.T. 0.03 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

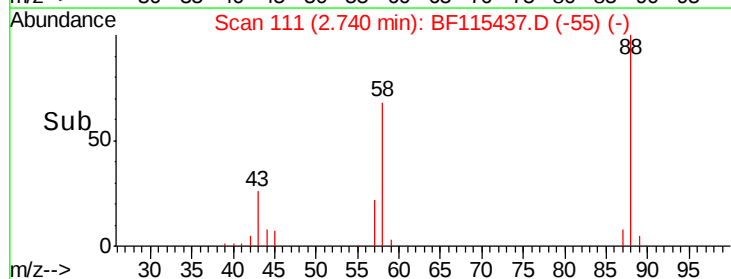
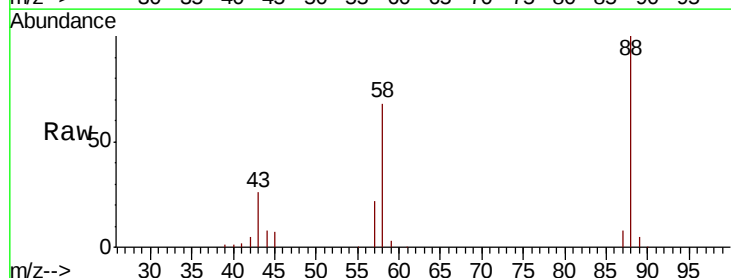
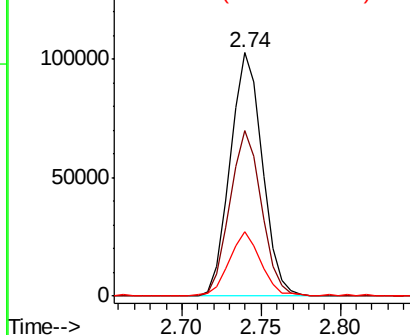
Tgt Ion:	88	Resp:	144006
Ion Ratio	Lower	Upper	
88	100		
58	67.4	54.0	81.0
43	26.5	20.2	30.4

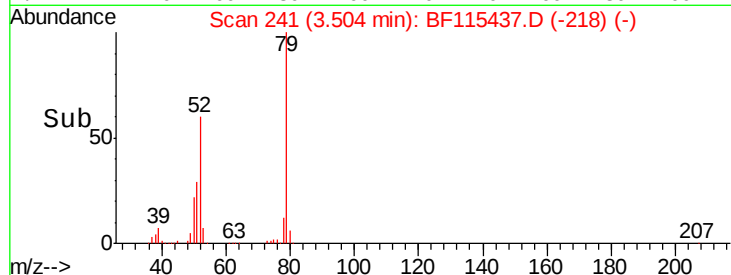
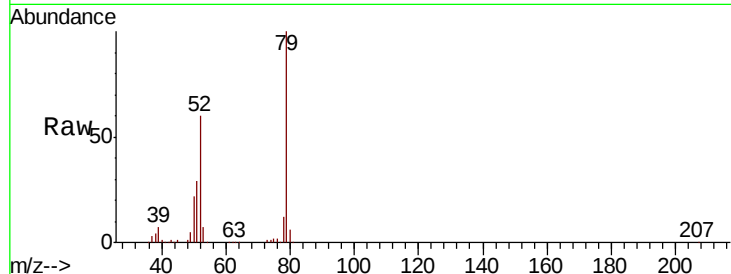
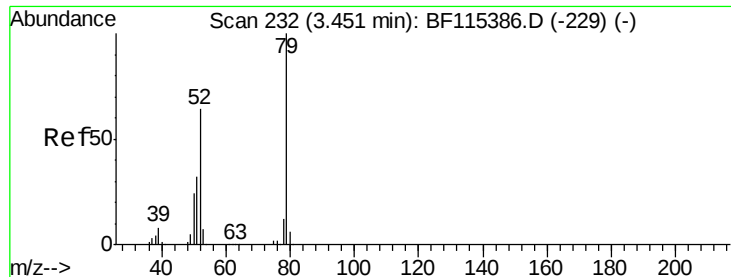
Abundance

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





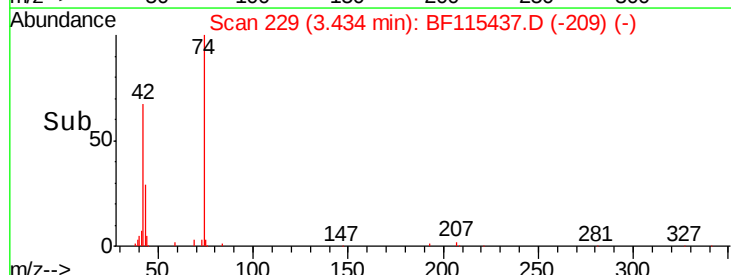
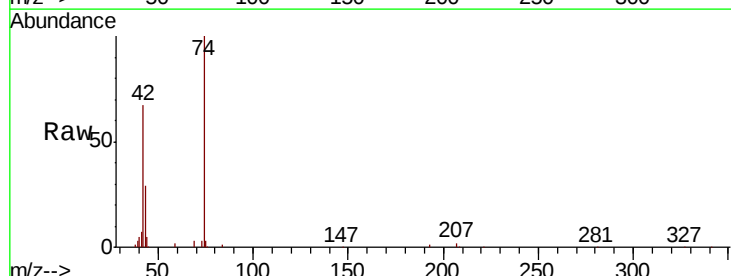
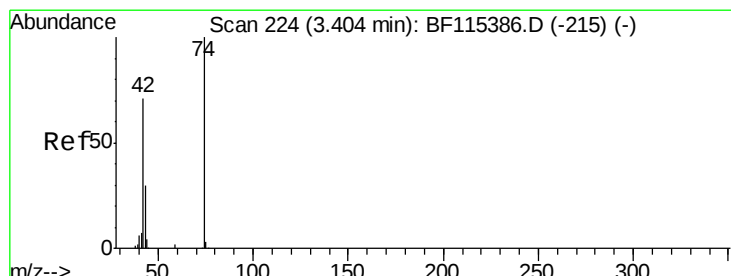
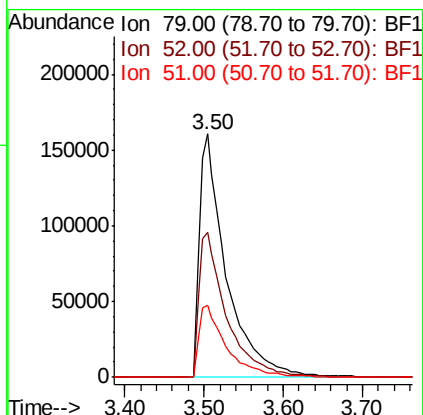
#3
 Pvridine
 Concen: 26.798 ng
 RT: 3.50 min Scan# 241
 Delta R.T. 0.04 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Tot Ion:	79	Resp:	379920
Ion Ratio	Lower	Upper	
79	100		
52	59.7	49.0	73.6
51	29.5	24.1	36.1

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 72-12017-VNJ-206MS

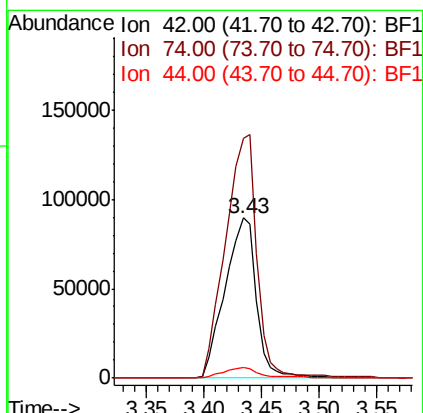
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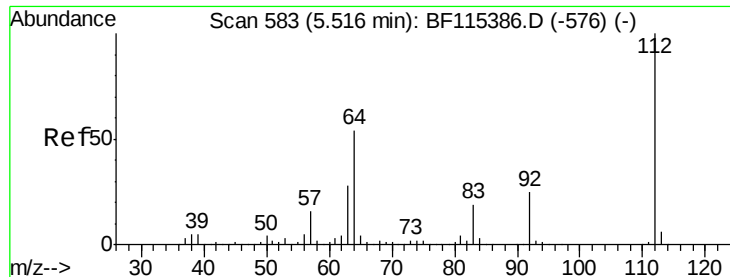
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#4
 n-Nitrosodimethylamine
 Concen: 29.411 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.02 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Tgt Ion:	42	Resp:	169087
Ion Ratio	Lower	Upper	
42	100		
74	149.3	121.0	181.4
44	7.0	5.3	7.9





#5

2-Fluorophenol

Concen: 110.079 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

ClientSampleId :

72-12017-VNJ-206MS

Tot Ion:112 Resp: 1150637

Ion Ratio Lower Upper

112 100

64 58.7 47.0 70.4

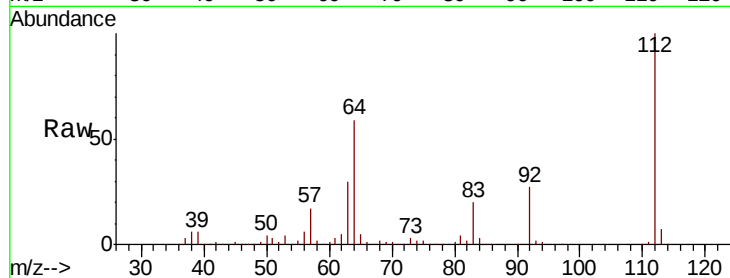
63 29.8 23.7 35.5

Manual Integrations

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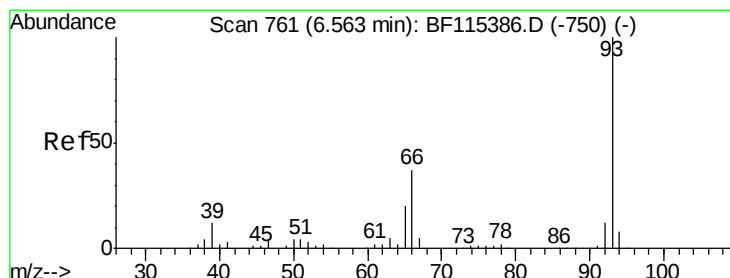
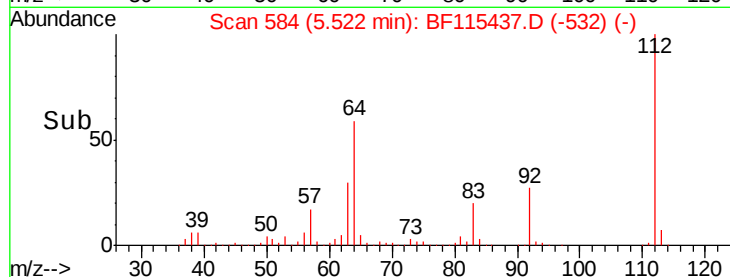
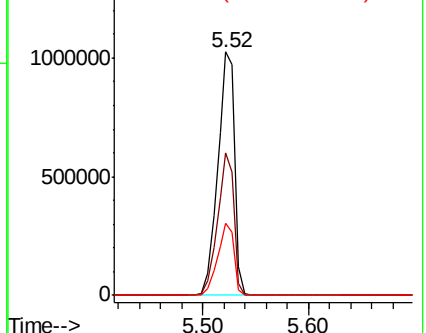
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.825 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

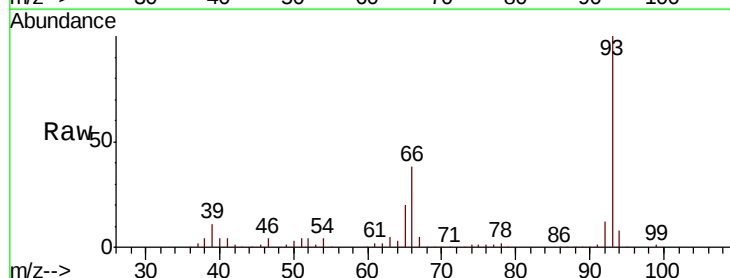
Tgt Ion: 93 Resp: 390673

Ion Ratio Lower Upper

93 100

66 37.6 30.5 45.7

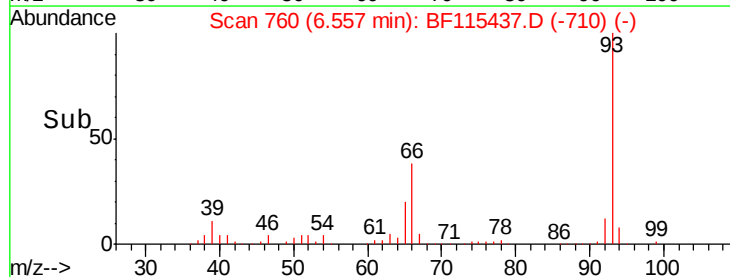
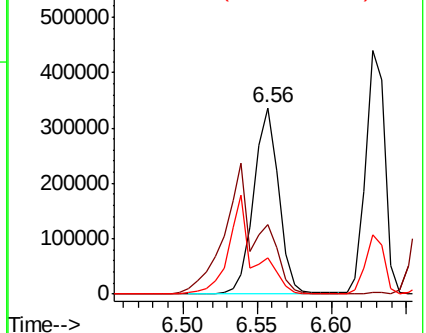
65 19.7 15.8 23.8

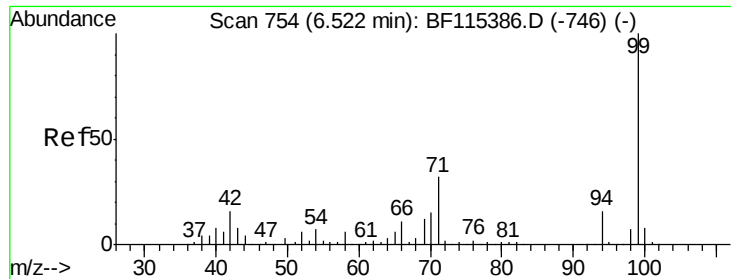


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.896 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

ClientSampleId :

72-12017-VNJ-206MS

Tot Ion: 99 Resp: 1540700

Ion Ratio Lower Upper

99 100

42 16.0 12.7 19.1

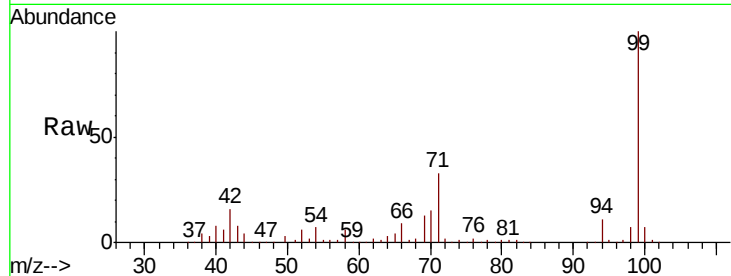
71 33.1 26.2 39.2

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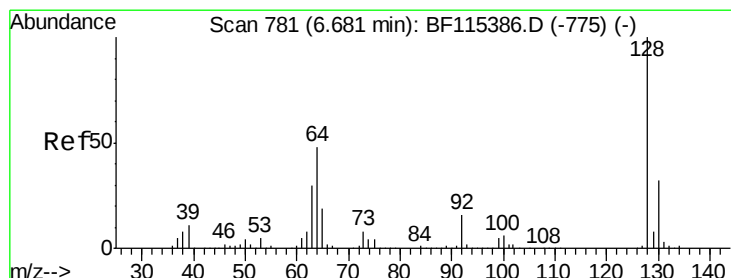
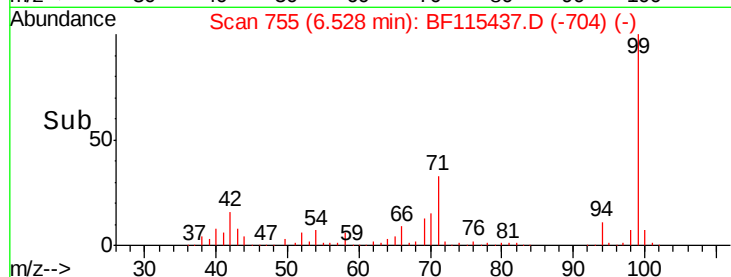
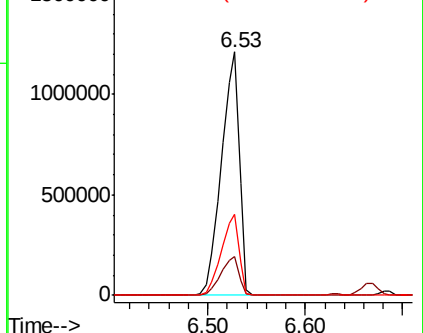
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.153 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

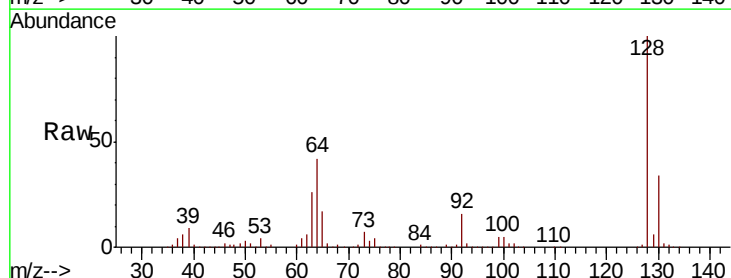
Tgt Ion: 128 Resp: 403099

Ion Ratio Lower Upper

128 100

130 33.6 13.5 53.5

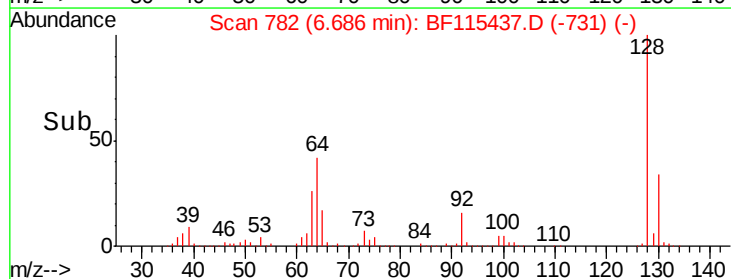
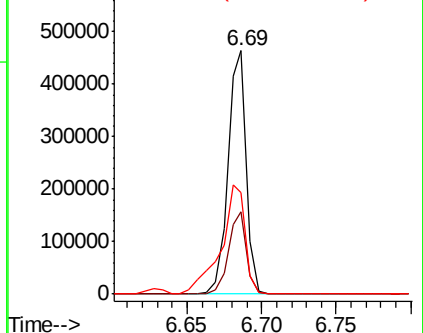
64 41.5 23.2 63.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.832 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

ClientSampleId :

72-12017-VNJ-206MS

Tot Ion: 77 Resp: 222003

Ion Ratio Lower Upper

77 100

105 97.1 77.5 117.5

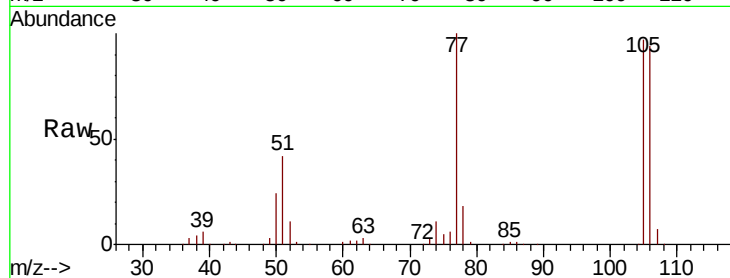
106 94.0 75.6 115.6

Manual Integrations

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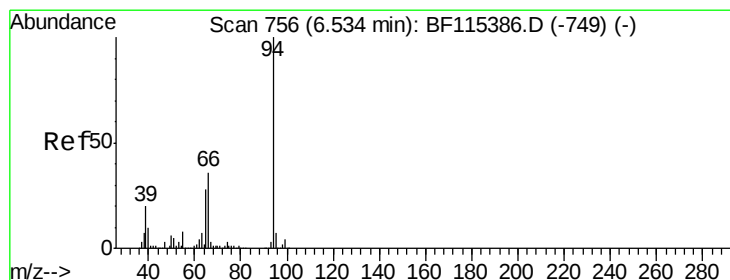
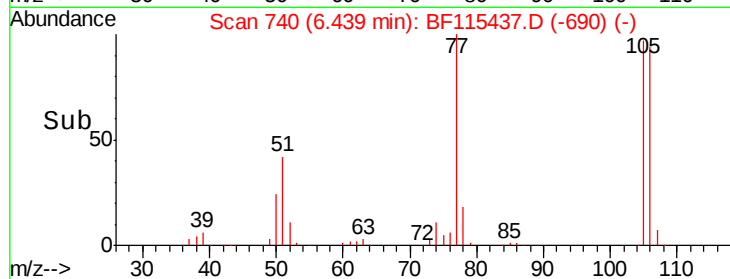
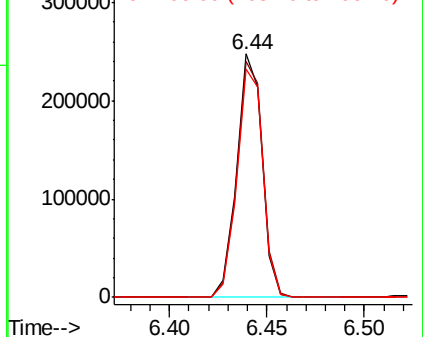


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 32.342 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

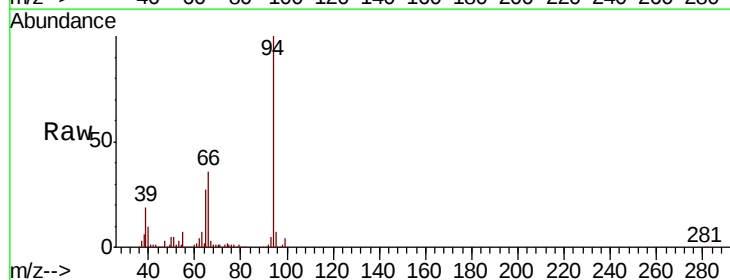
Tgt Ion: 94 Resp: 514418

Ion Ratio Lower Upper

94 100

65 27.0 7.7 47.7

66 35.6 16.7 56.7

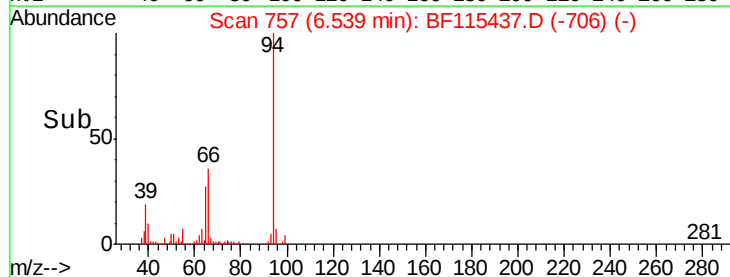
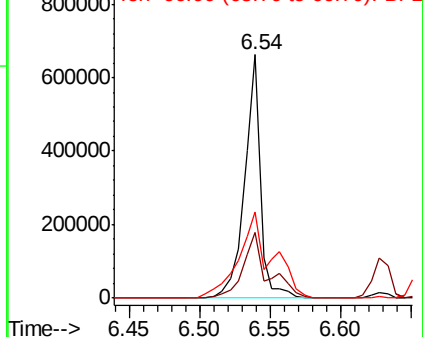


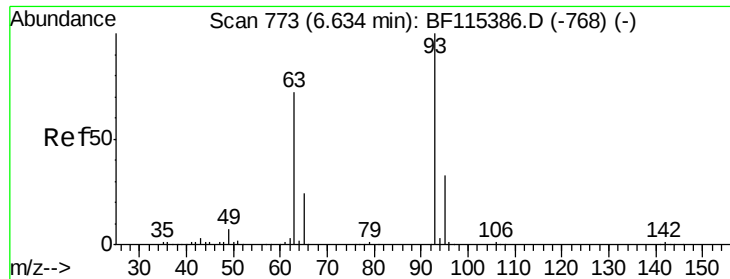
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





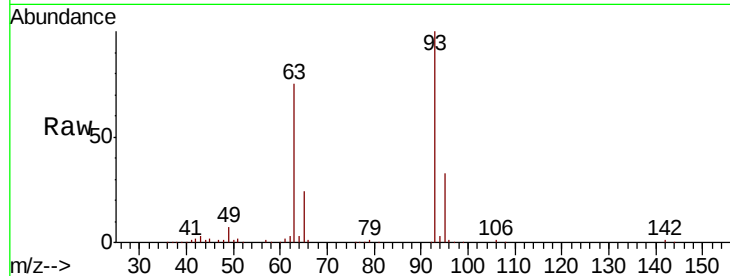
#11
bis(2-Chloroethyl)ether
Concen: 32.598 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.2	52.4	92.4	
95	33.0	12.1	52.1	

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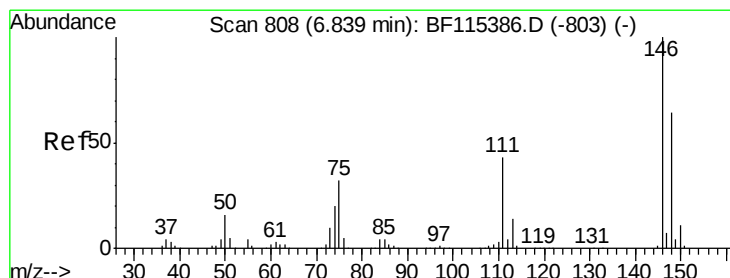
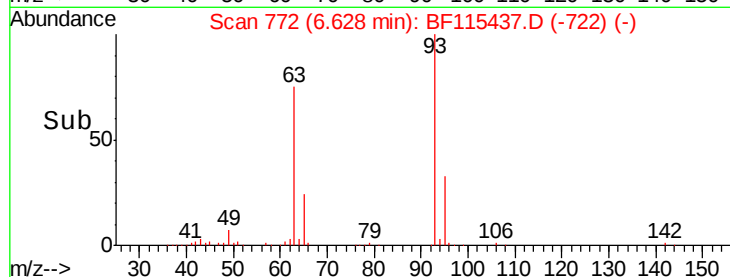
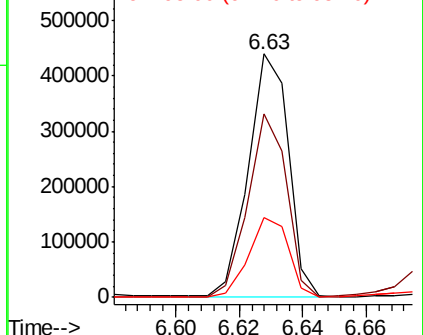


Abundance

Ion 93.00 (92.70 to 93.70): BF1

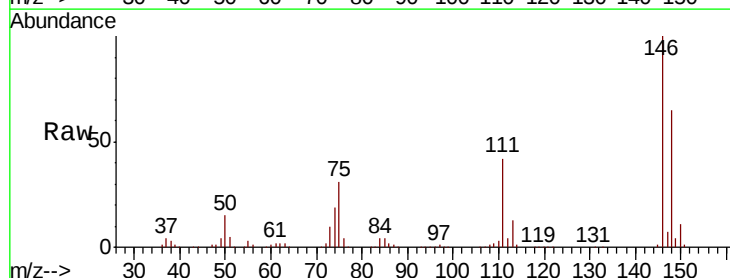
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 32.588 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.9	51.4	77.0	
75	30.6	26.2	39.2	

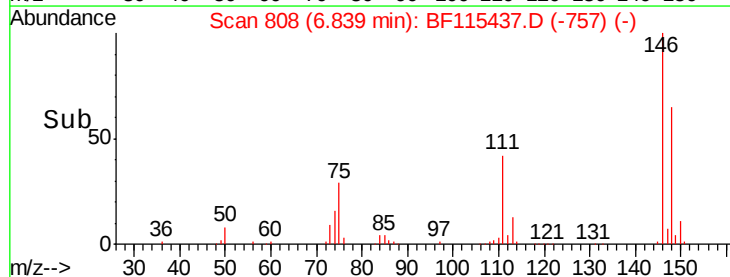
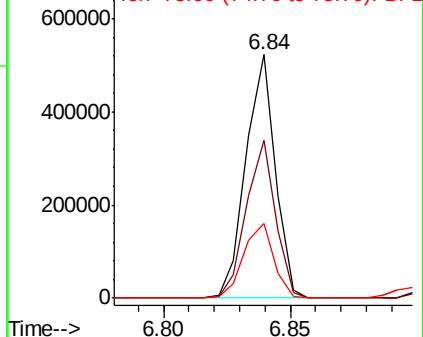


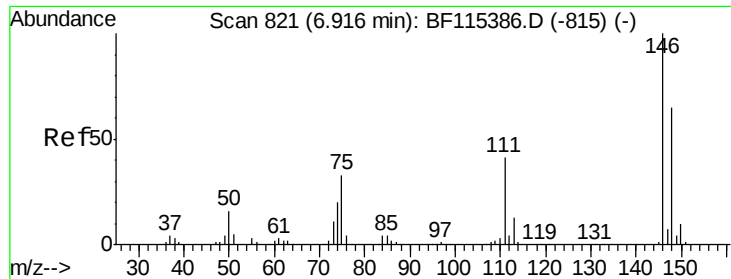
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





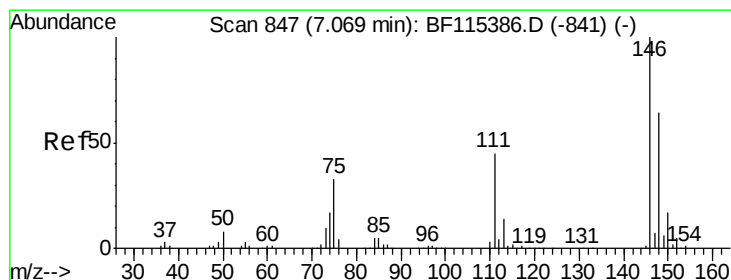
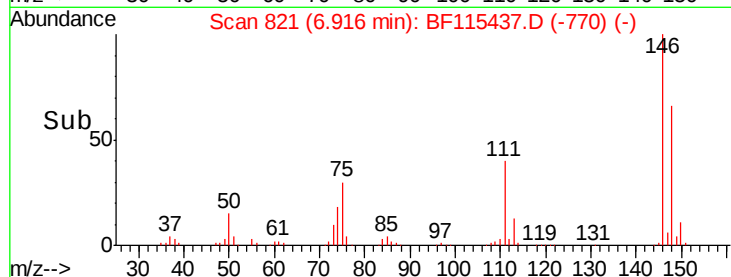
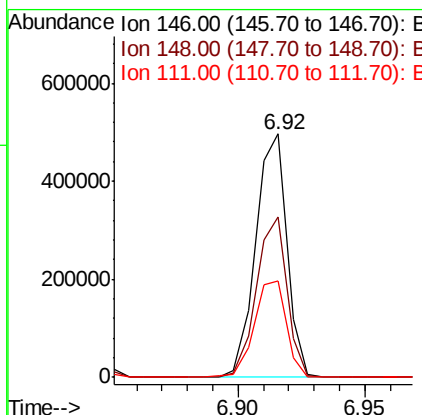
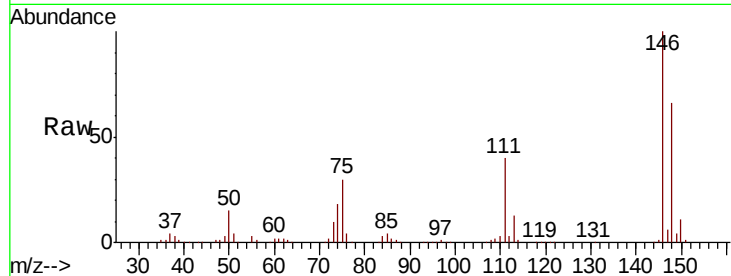
#13
 1,4-Dichlorobenzene
 Concen: 33.055 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.5	78.7
111	39.7	34.0	51.0

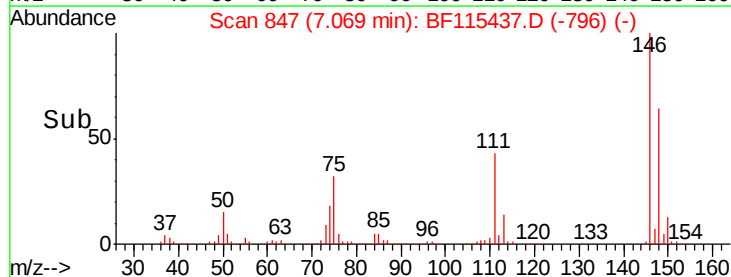
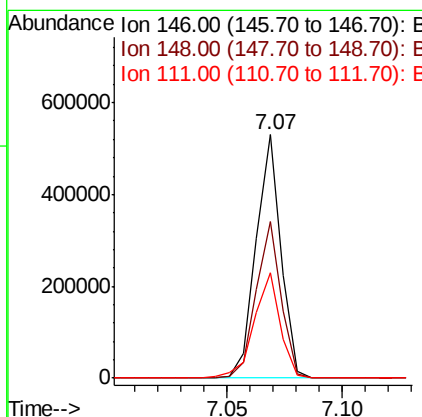
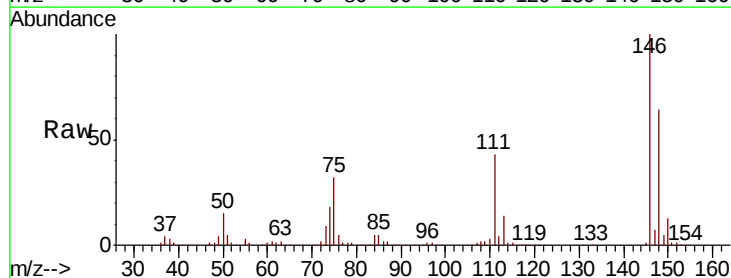
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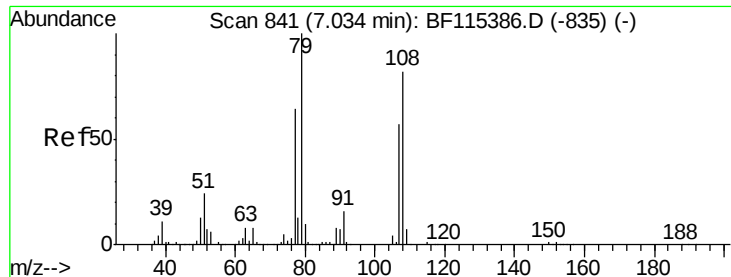
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 33.329 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	76.0
111	43.2	36.1	54.1





#15

Benzyl Alcohol

Concen: 34.288 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

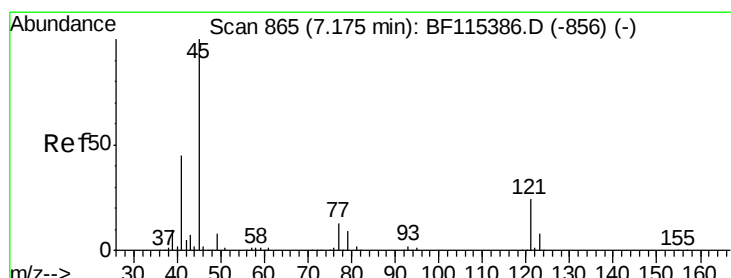
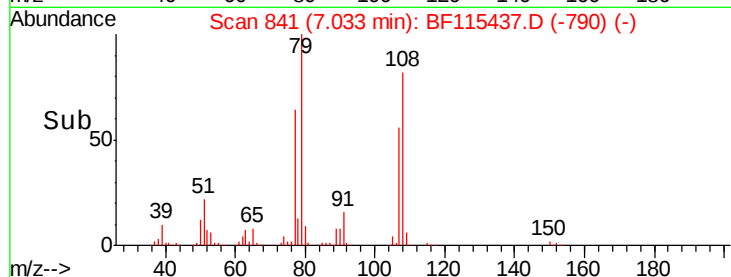
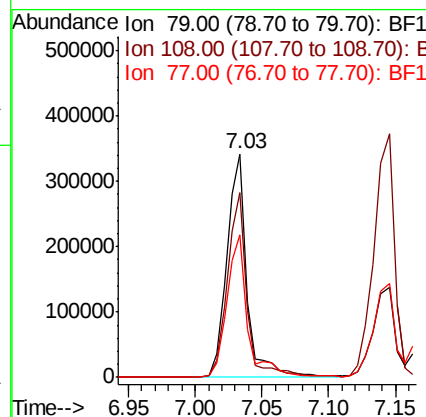
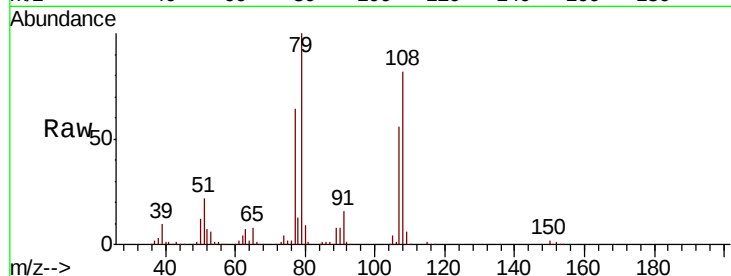
ClientSampleId :

72-12017-VNJ-206MS

Tot Ion:	79	Resp:	365769
Ion Ratio	Lower	Upper	
79	100		
108	82.4	63.4	95.2
77	63.7	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.233 ng

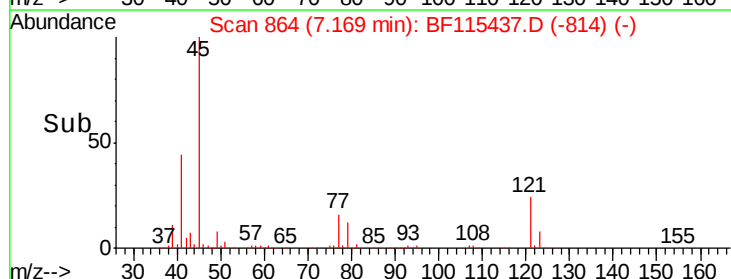
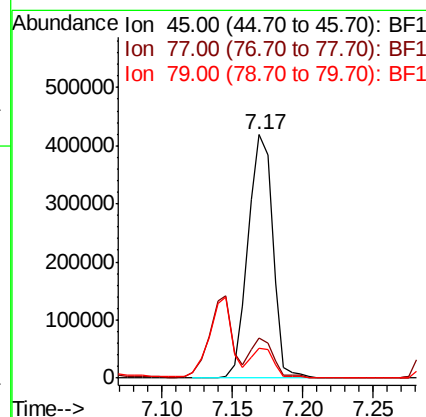
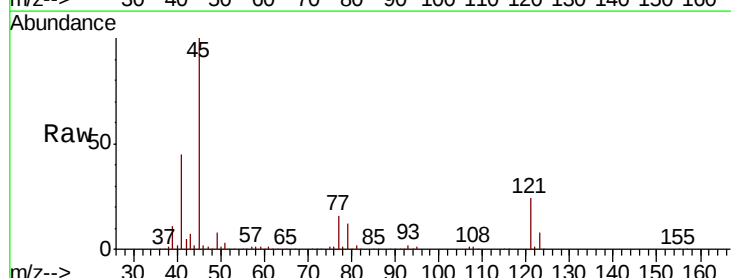
RT: 7.17 min Scan# 864

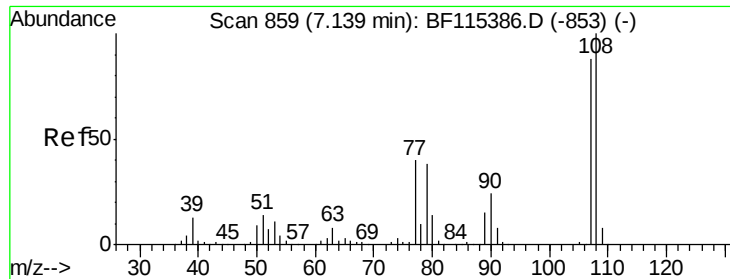
Delta R.T. -0.01 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Tgt Ion:	45	Resp:	515297
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	36.1
79	12.4	0.0	33.0





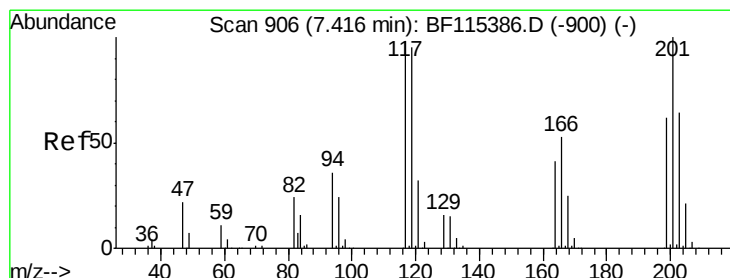
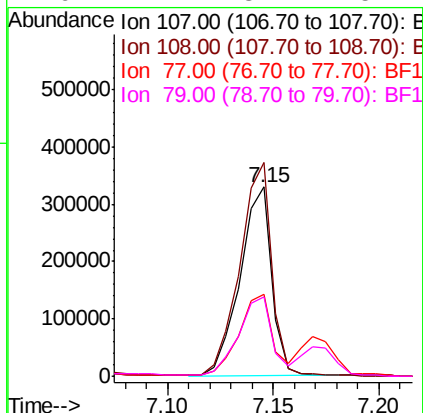
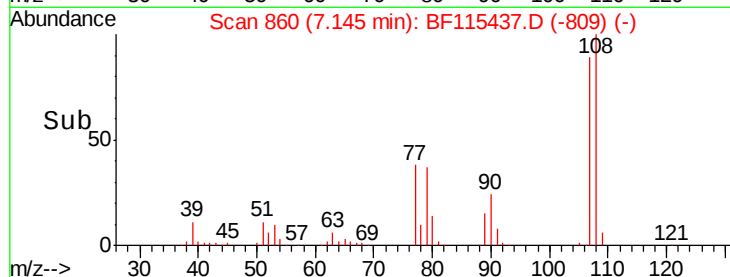
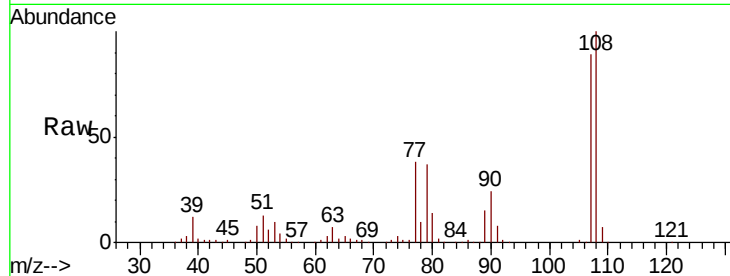
#17
2-Methylphenol
Concen: 33.856 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.3	135.5
77	43.3	35.4	53.2
79	42.1	34.7	52.1

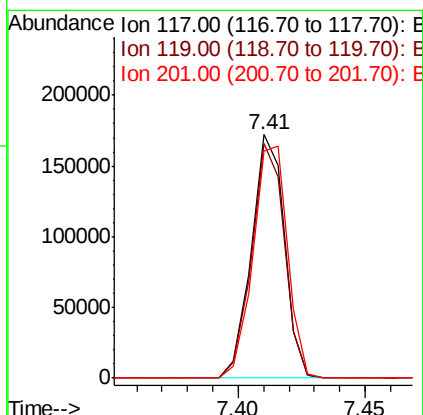
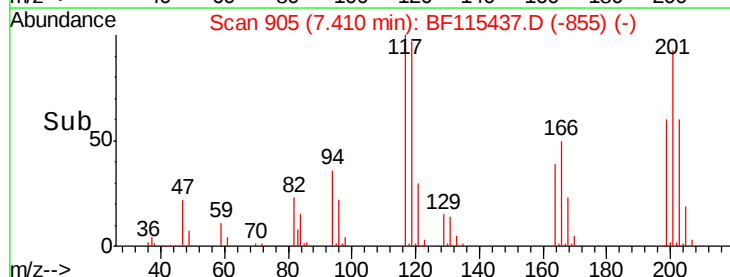
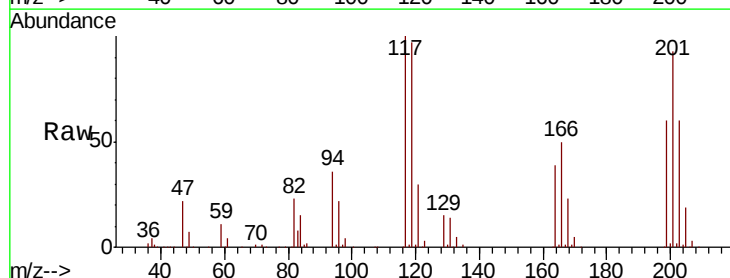
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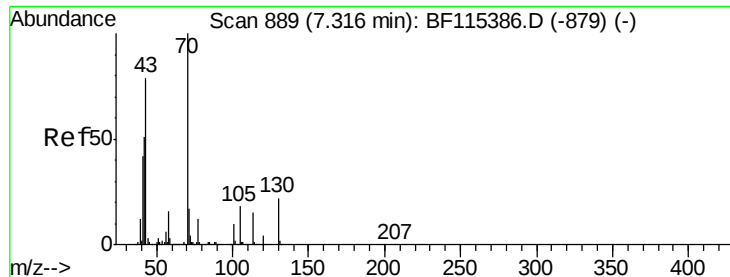
mohammad
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#18
Hexachloroethane
Concen: 32.397 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.9	116.9
201	93.0	84.5	126.7





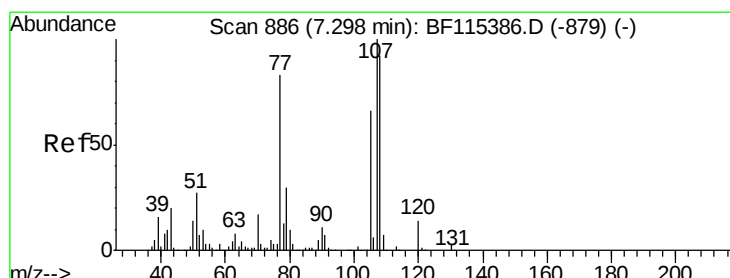
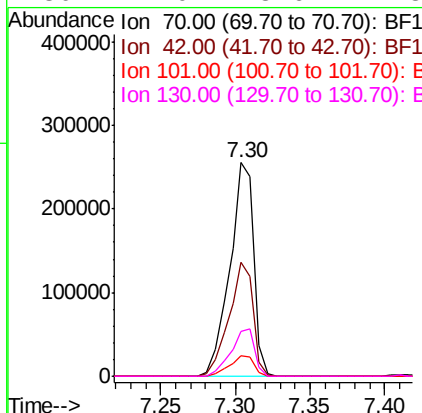
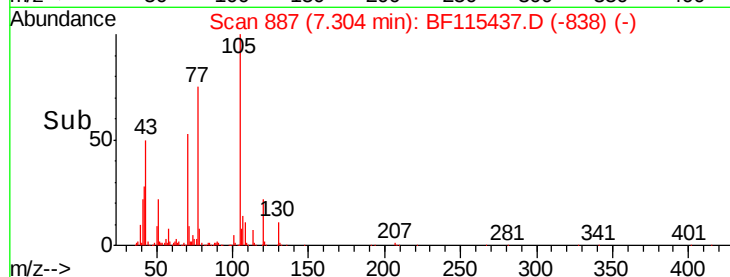
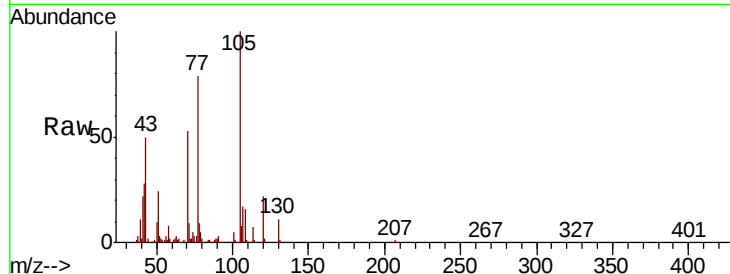
#19
n-Nitroso-di-n-propylamine
Concen: 31.975 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.3	39.4	59.2
101	9.5	8.0	12.0
130	21.0	18.6	27.8

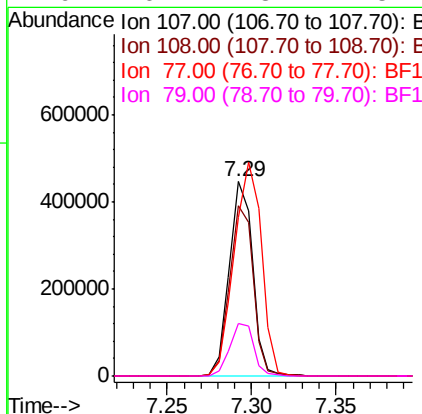
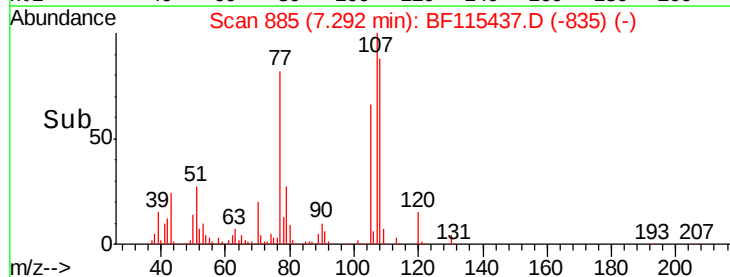
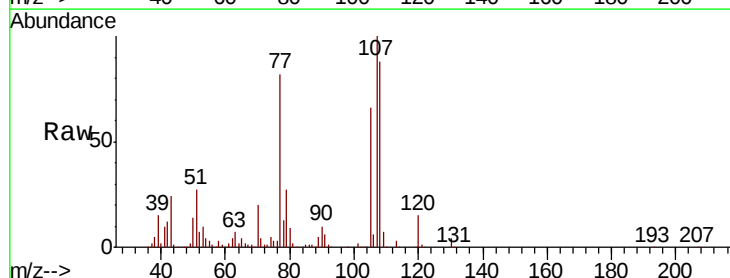
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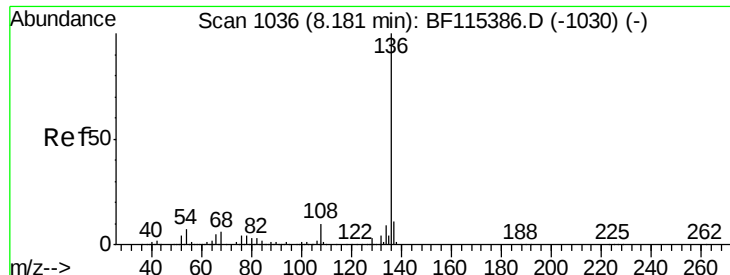
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#20
3+4-Methylphenols
Concen: 35.767 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	69.4	109.4
77	81.8	59.8	99.8
79	26.7	8.4	48.4





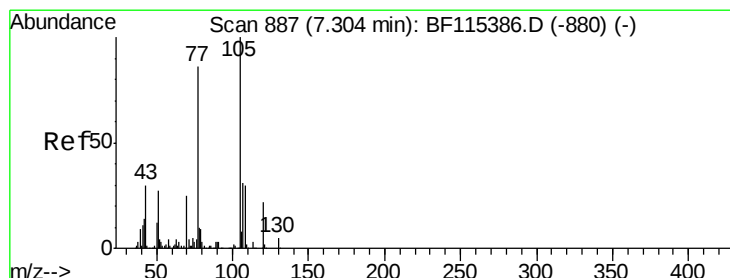
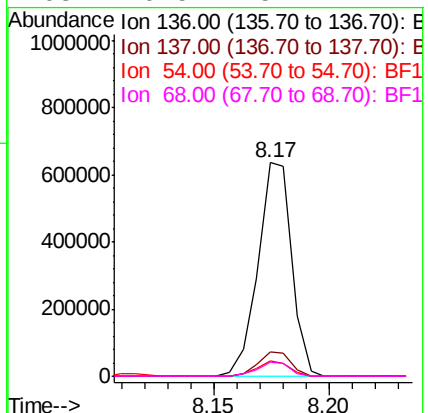
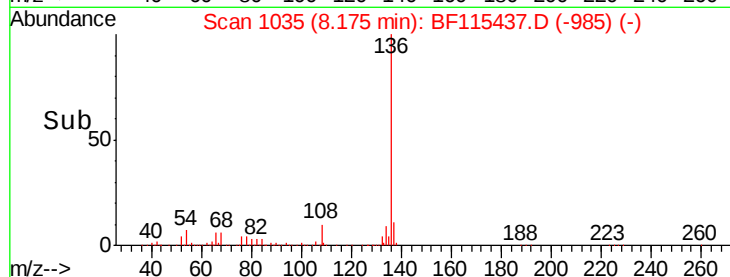
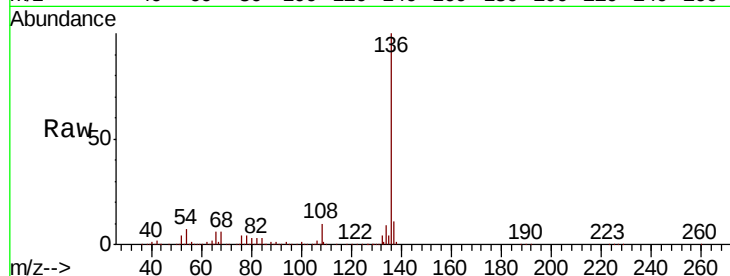
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.4	8.9	13.3		
54	7.2	5.5	8.3		
68	6.5	5.1	7.7		

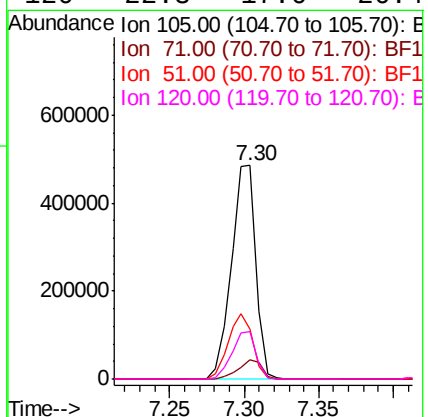
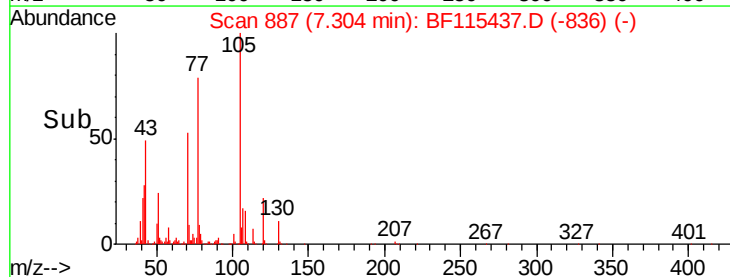
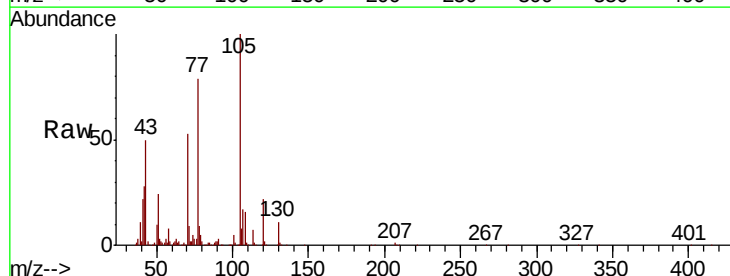
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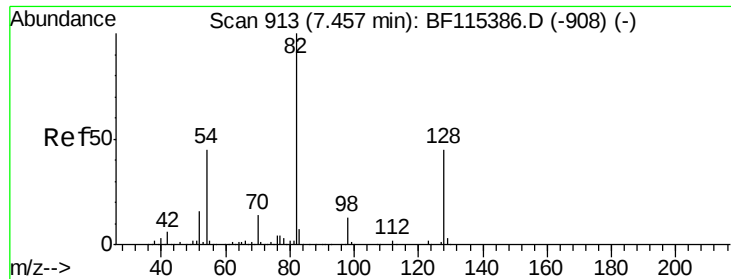
mohammad
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#22
Acetophenone
Concen: 35.887 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	8.9	3.7	5.5#		
51	23.5	23.1	34.7		
120	22.3	17.6	26.4		





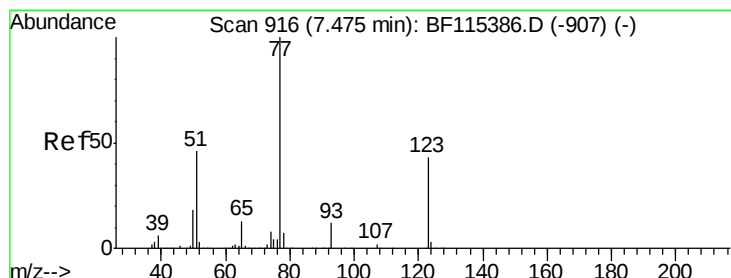
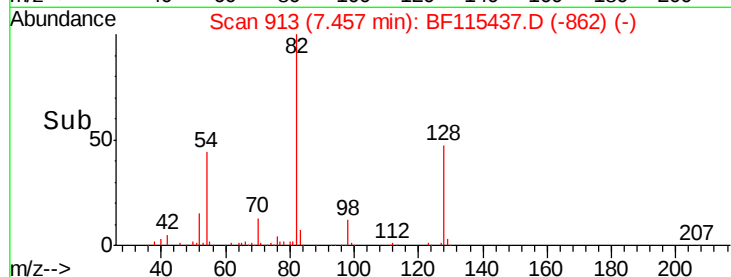
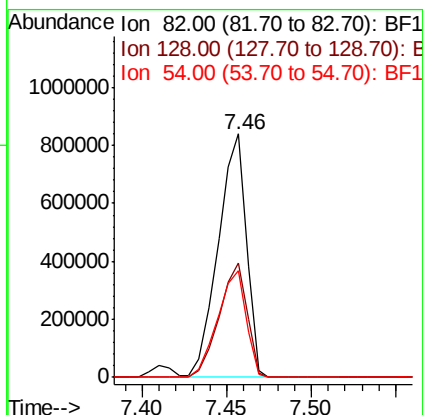
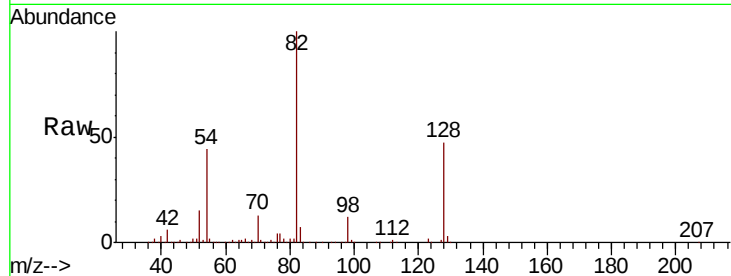
#23
Nitrobenzene-d5
Concen: 88.621 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.2	54.4
54	43.7	35.4	53.0

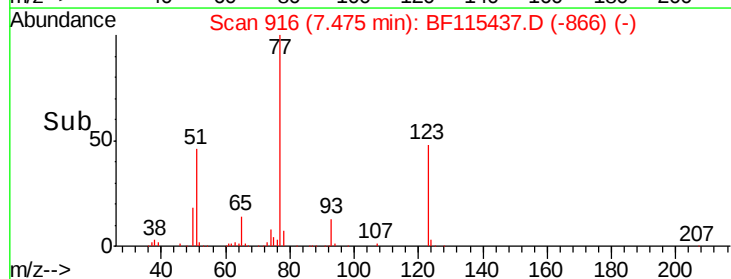
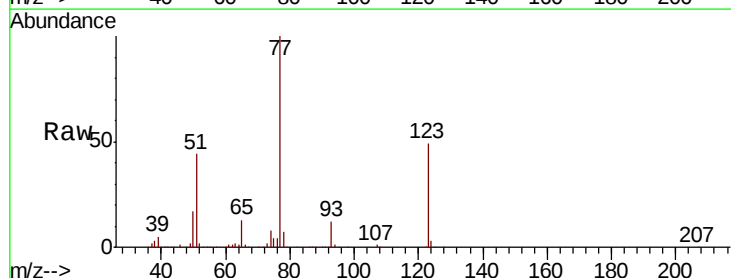
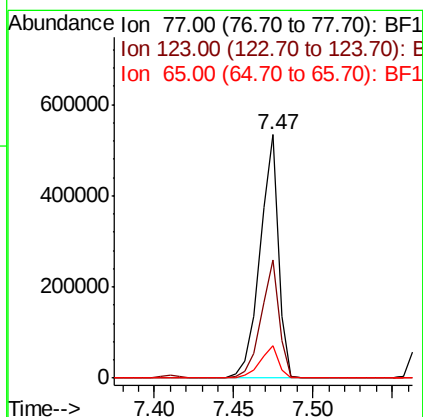
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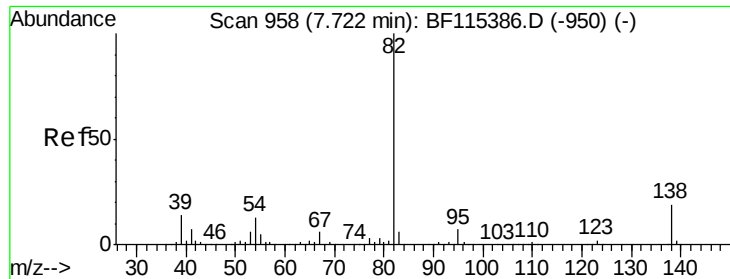
mohammad
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#24
Nitrobenzene
Concen: 35.257 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	39.4	59.0
65	13.4	10.6	15.8





#25

Isophorone

Concen: 34.065 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

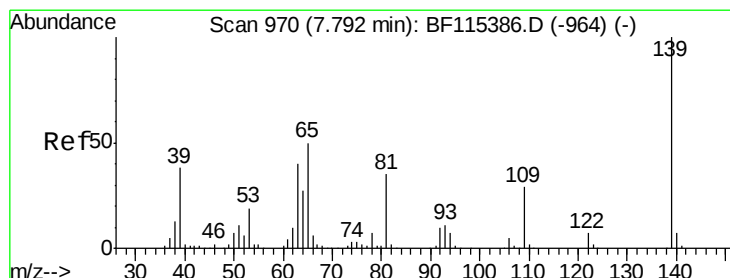
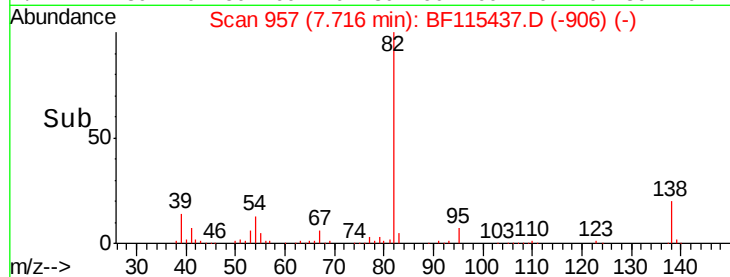
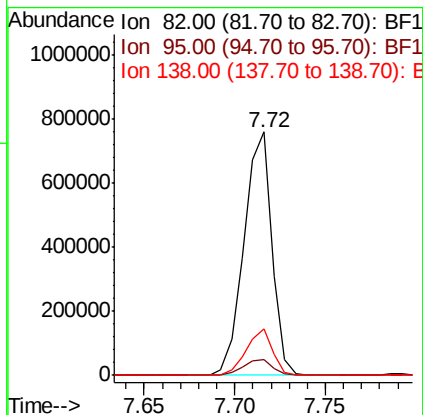
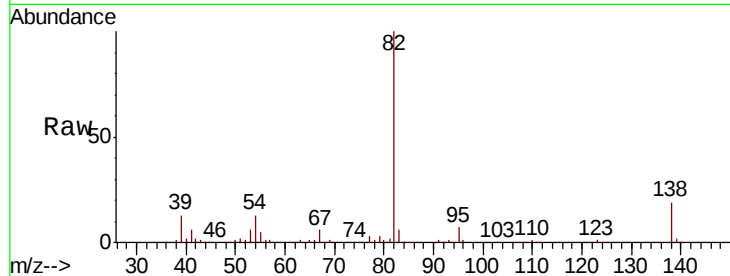
ClientSampleId :

72-12017-VNJ-206MS

Tot Ion:	82	Resp:	810147
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.2	7.8
138	18.9	14.2	21.2

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#26

2-Nitrophenol

Concen: 43.441 ng

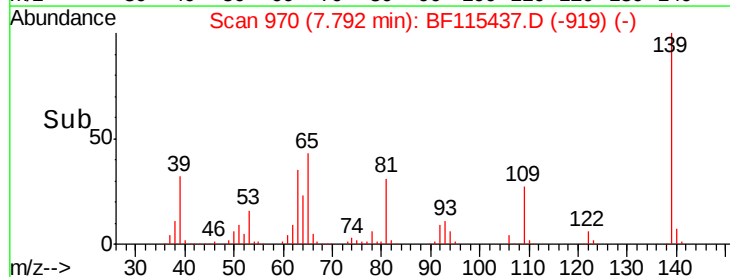
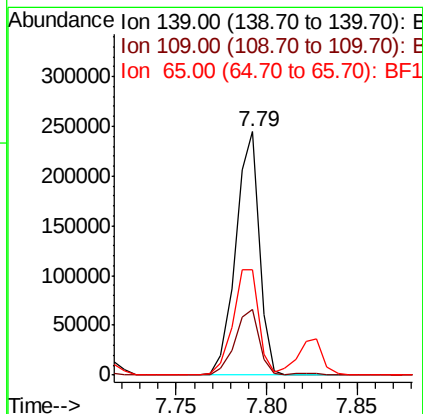
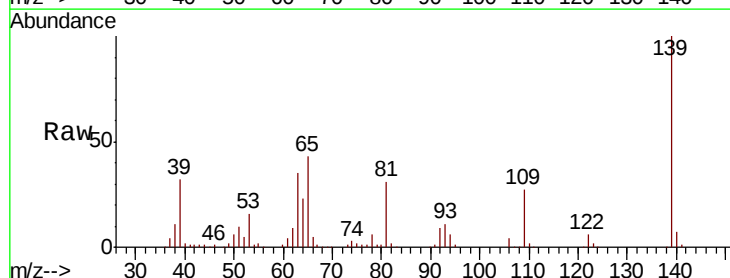
RT: 7.79 min Scan# 970

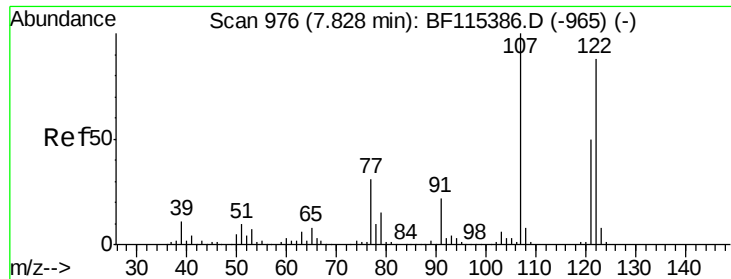
Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Tgt Ion:	139	Resp:	221305
Ion Ratio		Lower	Upper
139	100		
109	27.0	22.2	33.4
65	43.4	38.2	57.4





#27

2,4-Dimethylphenol

Concen: 37.998 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

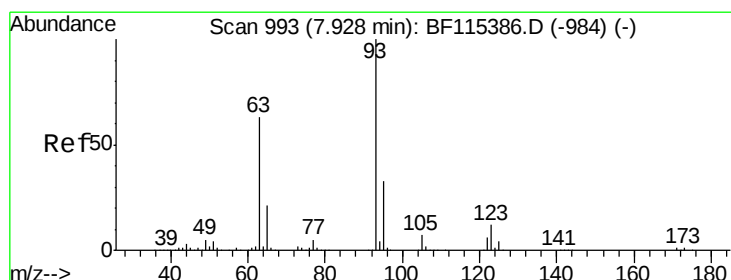
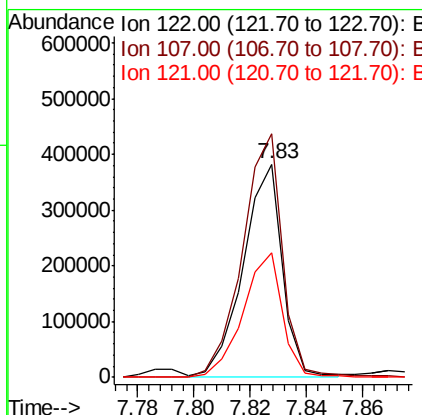
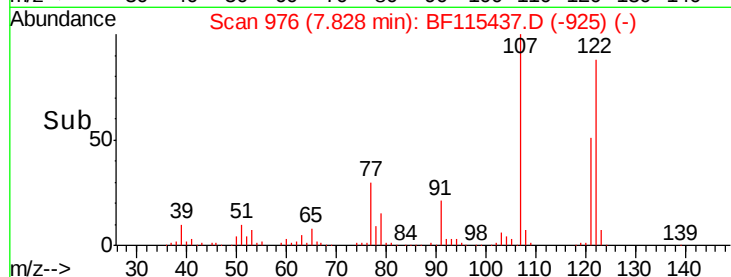
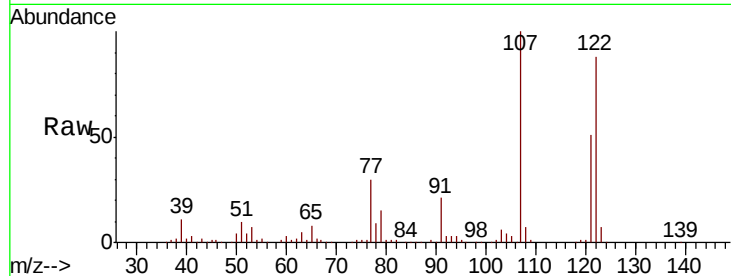
ClientSampleId :

72-12017-VNJ-206MS

Tot Ion:	122	Resp:	369118
Ion Ratio	Lower	Upper	
122	100		
107	114.2	92.6	138.8
121	58.6	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 33.929 ng

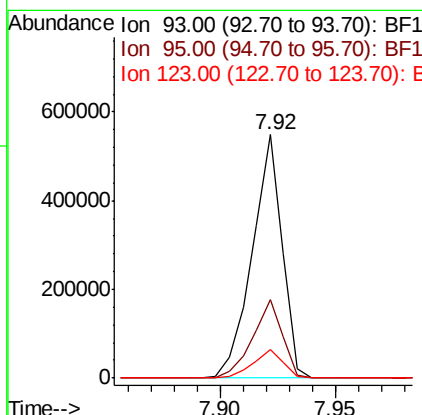
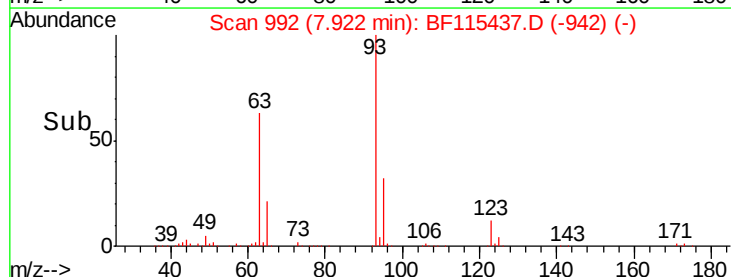
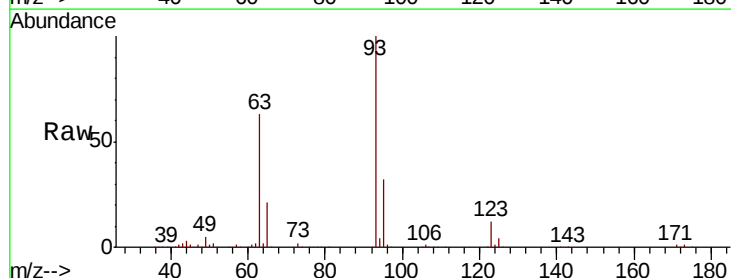
RT: 7.92 min Scan# 992

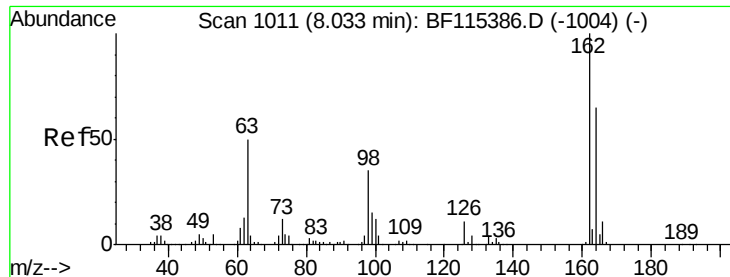
Delta R.T. -0.01 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Tgt Ion:	93	Resp:	497573
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.4	39.6
123	11.5	9.7	14.5





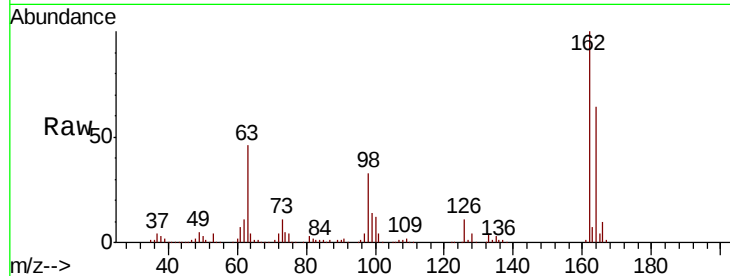
#29
 2,4-Dichlorophenol
 Concen: 36.976 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MS

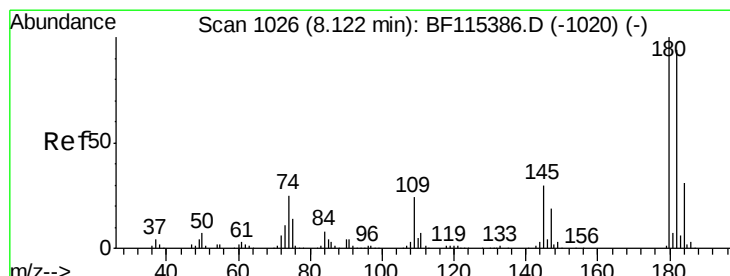
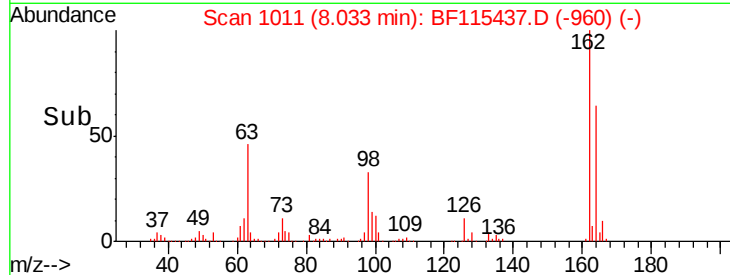
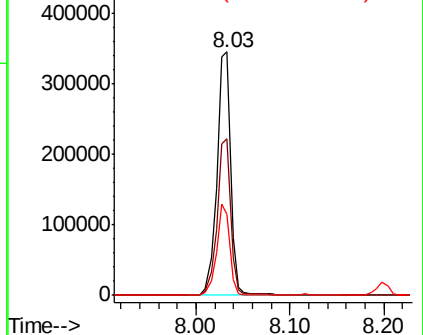
Tot Ion	Ratio	Resp	Lower	Upper
162	100	357753		
164	64.4	45.5	85.5	
98	33.1	17.1	57.1	

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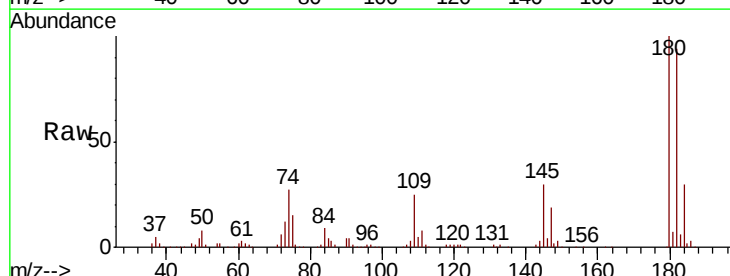


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

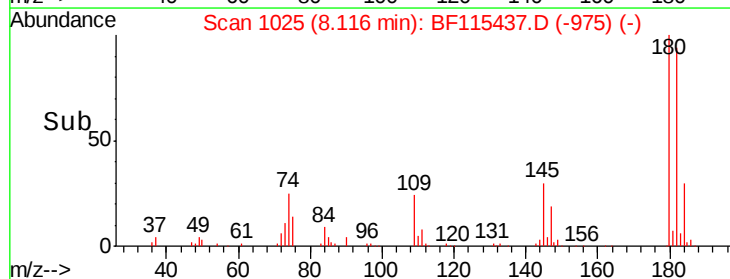
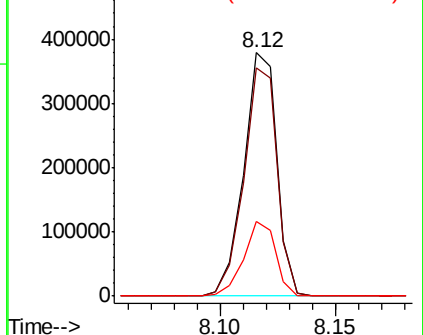


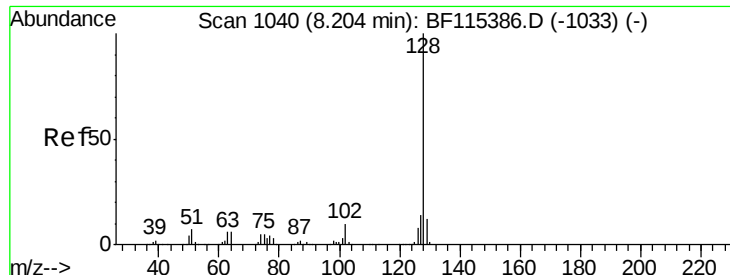
#30
 1,2,4-Trichlorobenzene
 Concen: 35.265 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	379843		
182	93.6	75.2	112.8	
145	30.5	23.9	35.9	



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





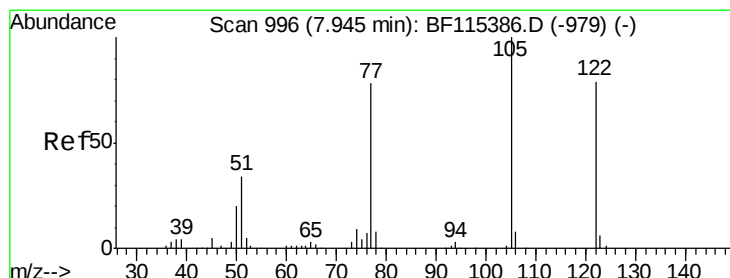
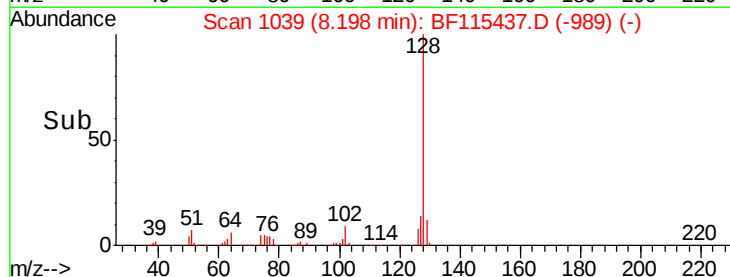
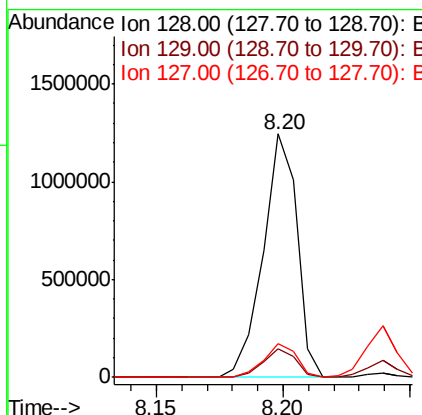
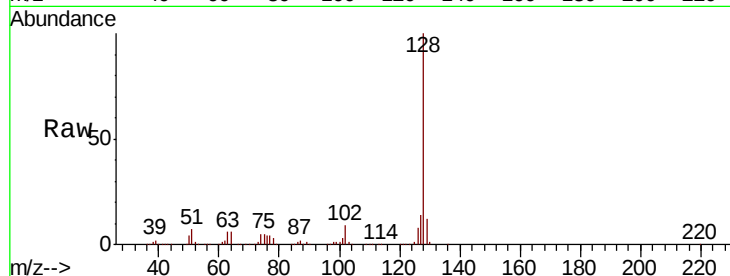
#31
Naphthalene
Concen: 36.377 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	13.9	11.2	16.8

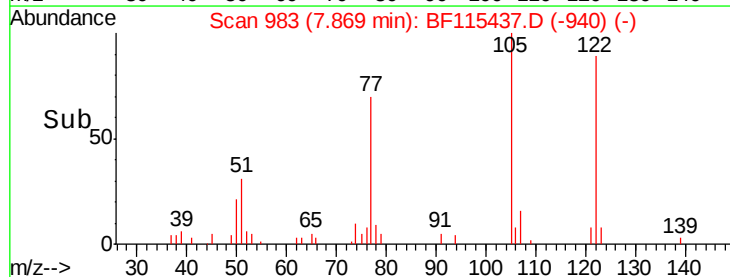
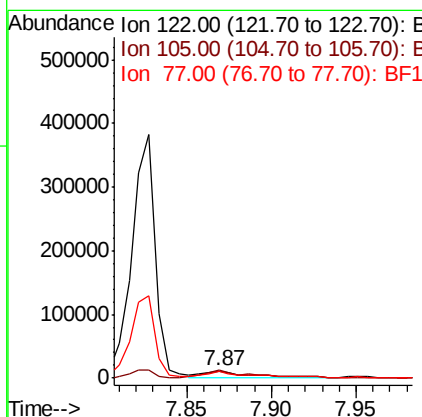
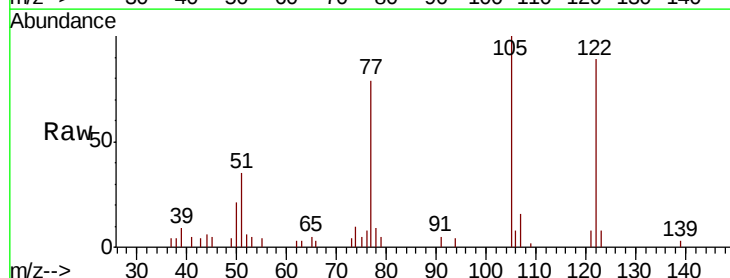
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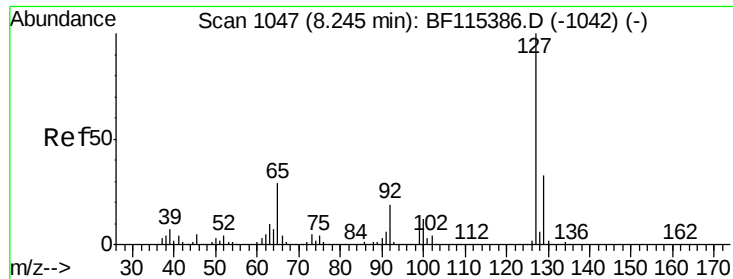
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#32
Benzoic acid
Concen: 8.385 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.05 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.7	102.5	142.5
77	88.8	72.3	112.3





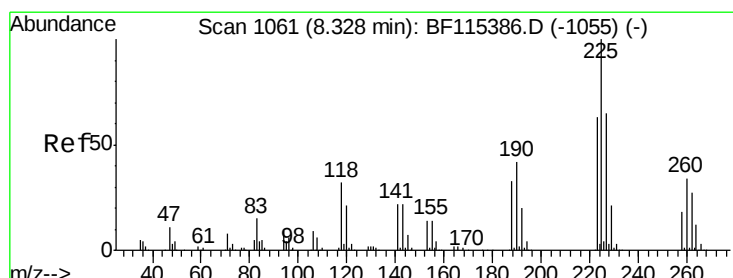
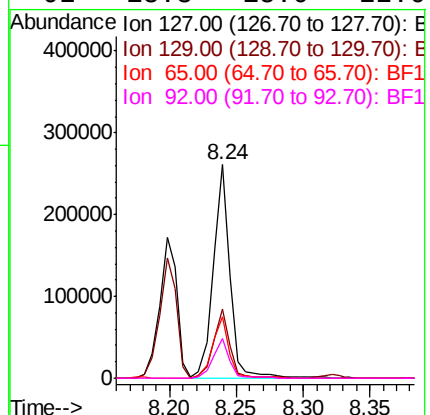
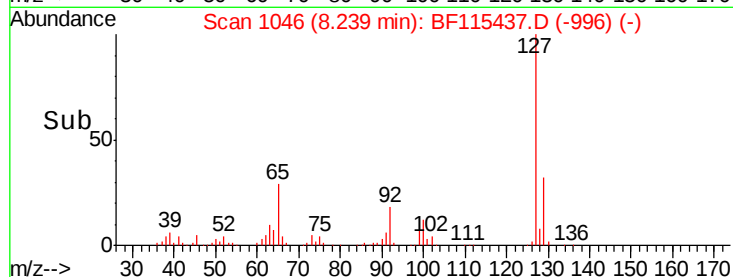
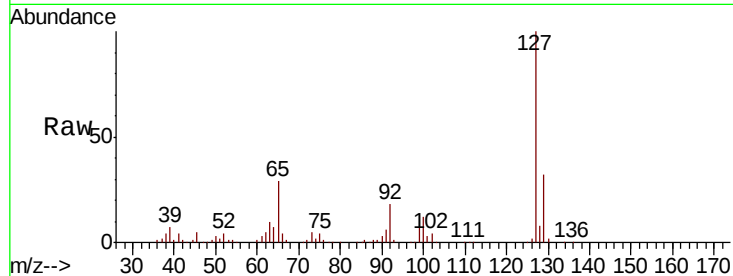
#33
4-Chloroaniline
Concen: 15.845 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	227634		
129	32.3	26.2	39.4	
65	28.7	23.0	34.4	
92	18.3	15.0	22.6	

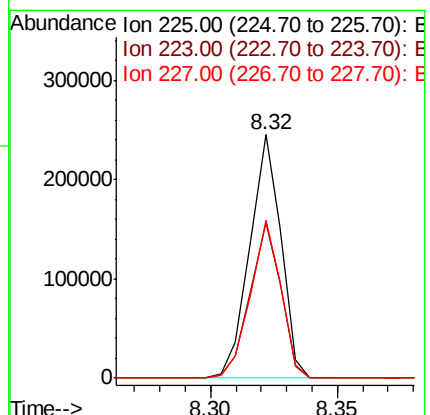
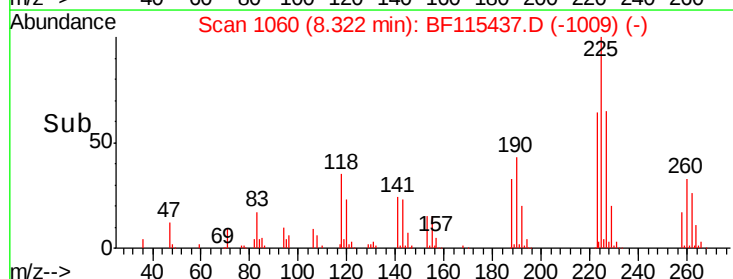
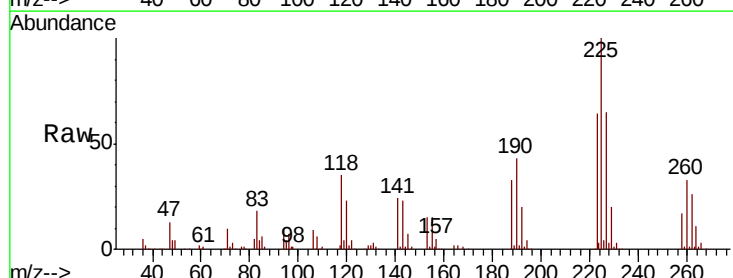
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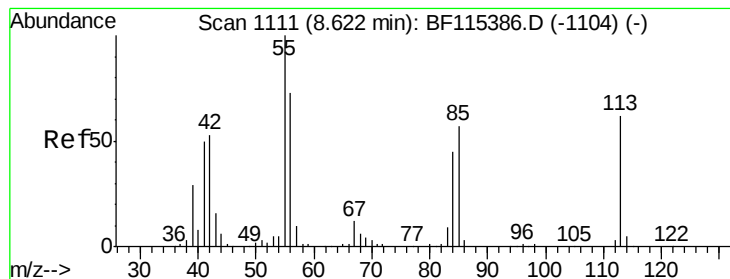
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#34
Hexachlorobutadiene
Concen: 34.326 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	209677		
223	63.8	51.4	77.0	
227	64.8	49.6	74.4	





#35

Caprolactam

Concen: 37.107 ng/mL

RT: 8.60 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

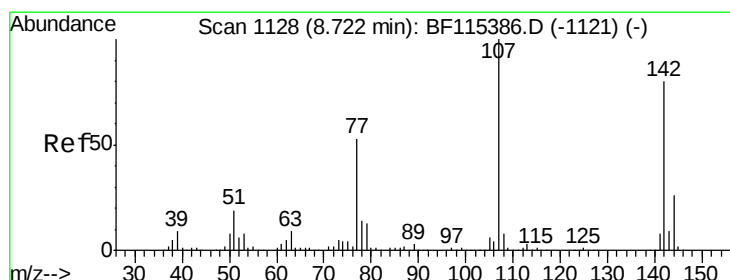
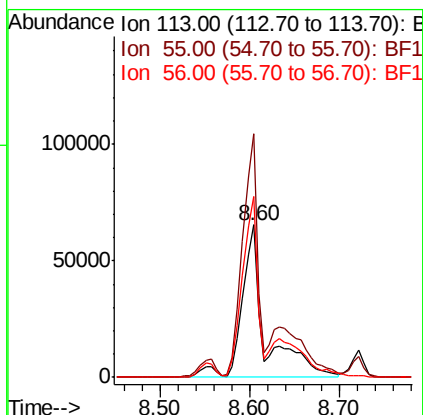
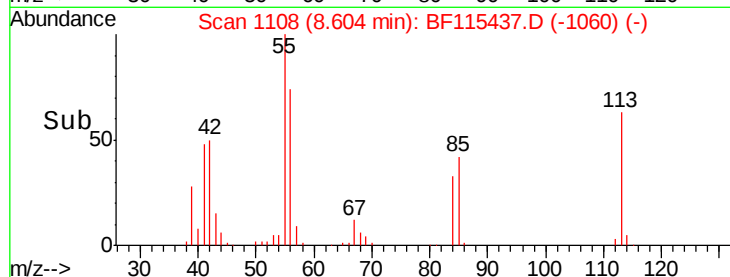
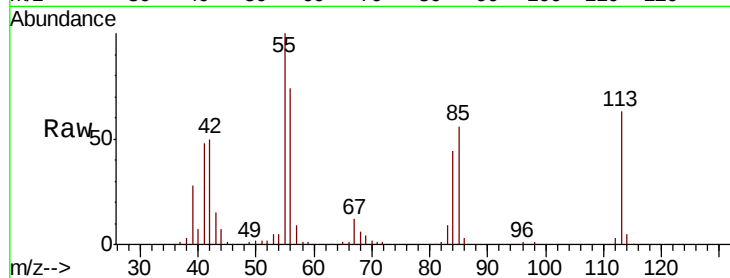
ClientSampleId :

72-12017-VNJ-206MS

Tot Ion:	113	Resp:	116934
Ion Ratio	Lower	Upper	
113	100		
55	159.7	127.9	167.9
56	118.6	89.3	129.3

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#36

4-Chloro-3-methylphenol

Concen: 37.383 ng/mL

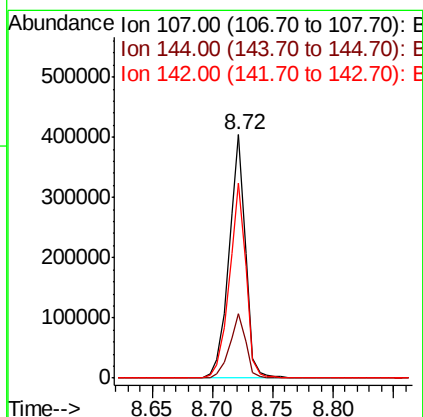
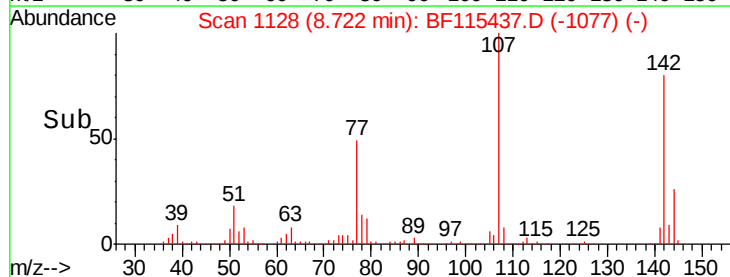
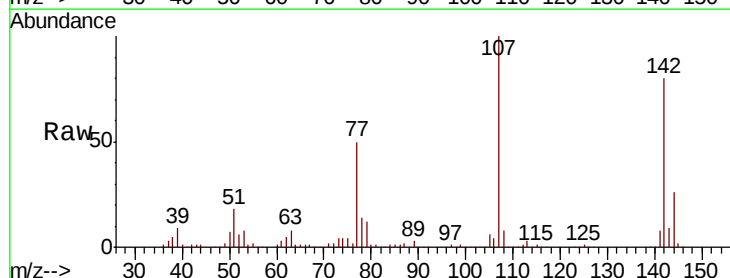
RT: 8.72 min Scan# 1128

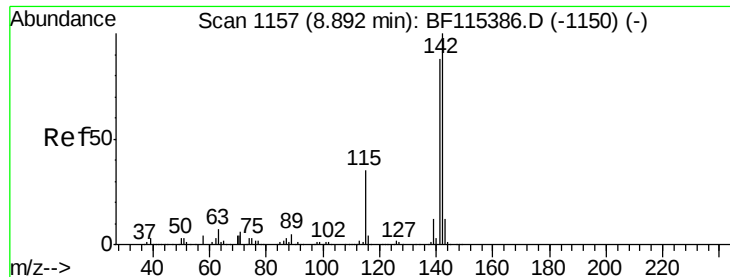
Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Tgt Ion:	107	Resp:	382578
Ion Ratio	Lower	Upper	
107	100		
144	26.4	20.5	30.7
142	80.1	63.9	95.9





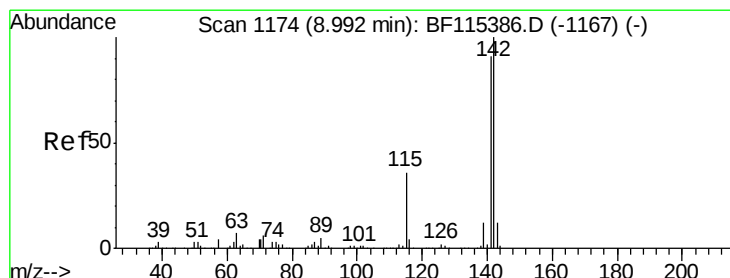
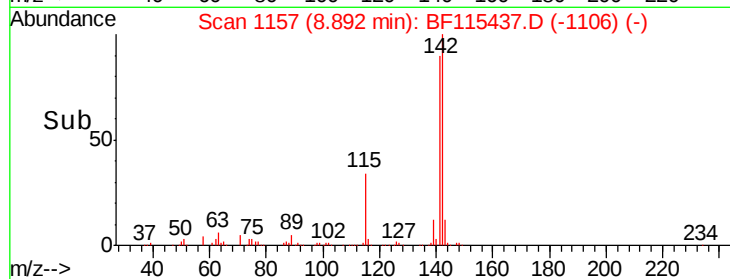
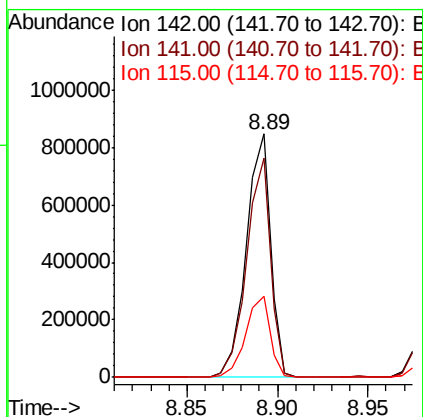
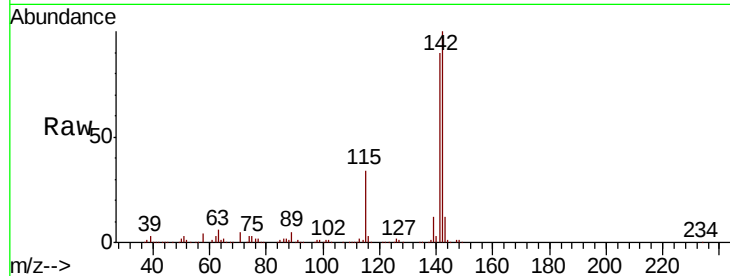
#37
2-Methylnaphthalene
Concen: 36.766 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.8	107.6
115	33.5	27.8	41.6

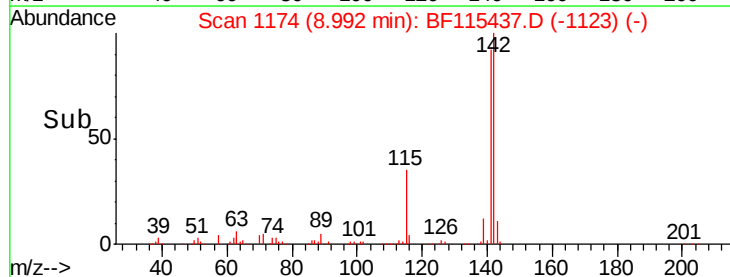
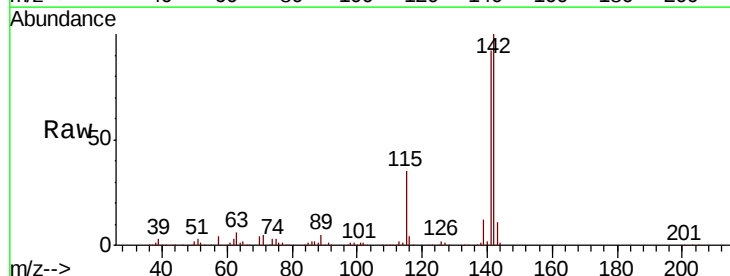
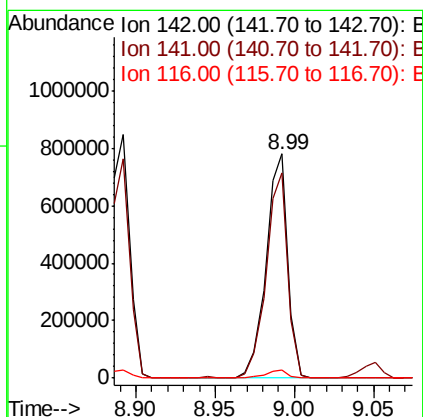
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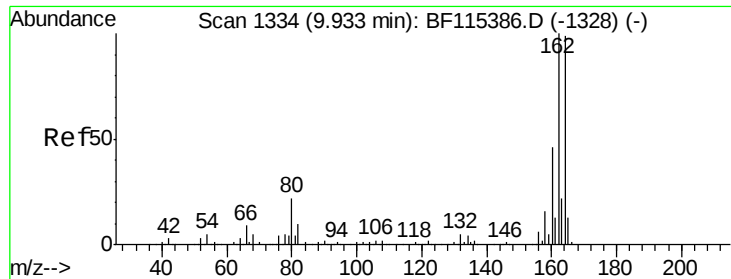
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#38
1-Methylnaphthalene
Concen: 36.331 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9
116	3.5	3.0	4.4





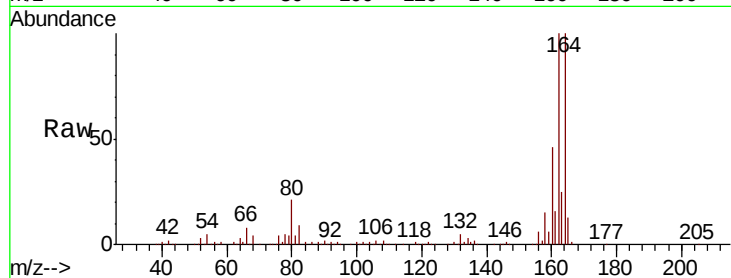
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.5	122.3
160	45.8	36.6	55.0

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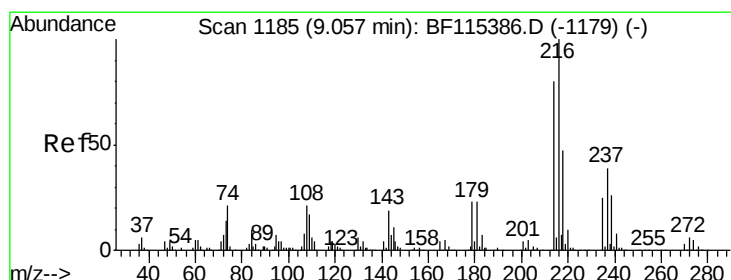
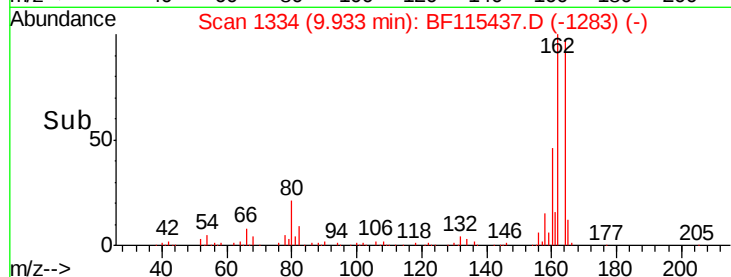
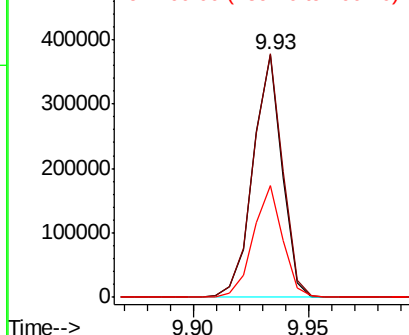


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.004 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.7	95.5
179	21.8	17.4	26.2
108	21.3	15.8	23.6

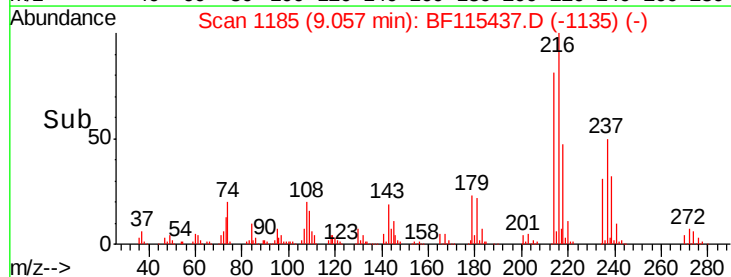
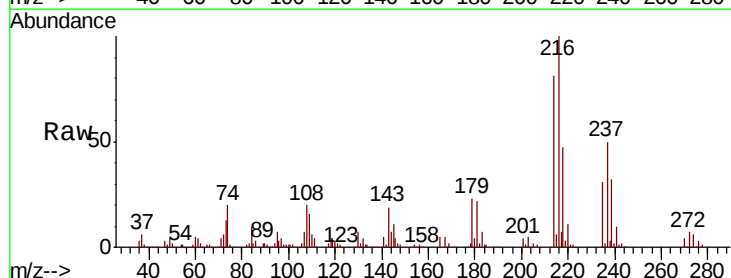
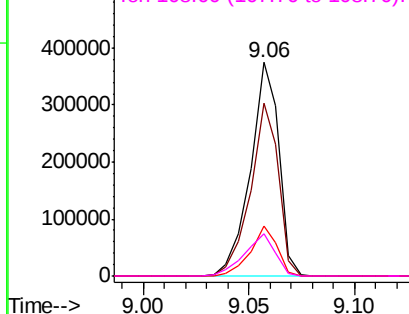
Abundance

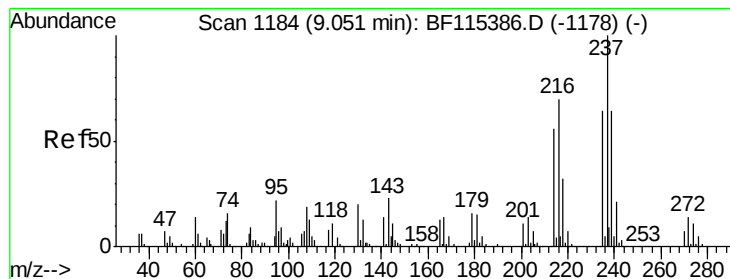
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





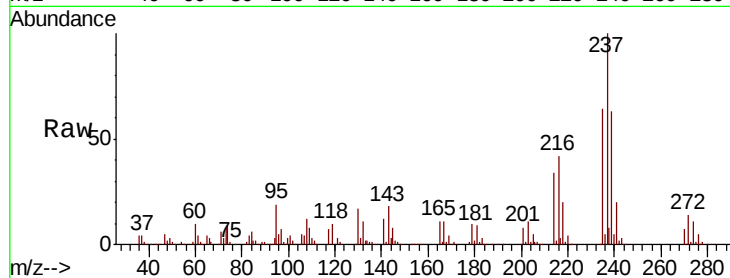
#41
Hexachlorocyclopentadiene
Concen: 72.028 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

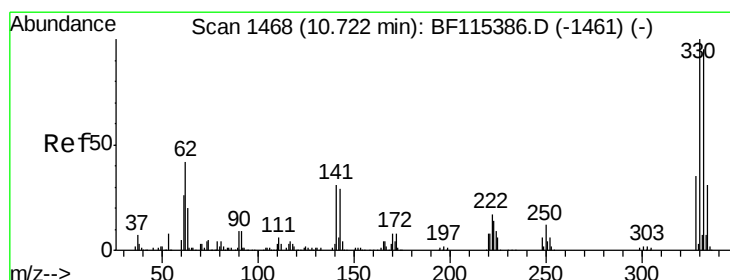
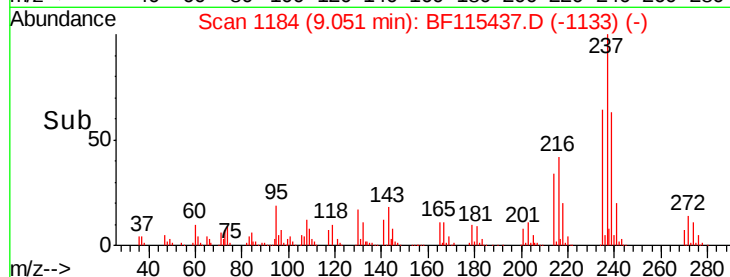
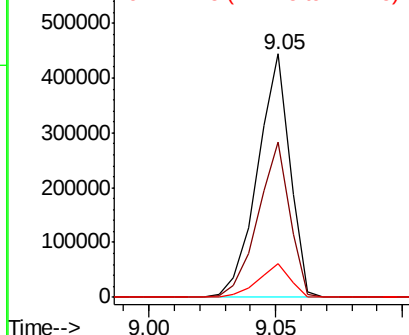
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	42.3	82.3
272	13.8	0.0	34.2

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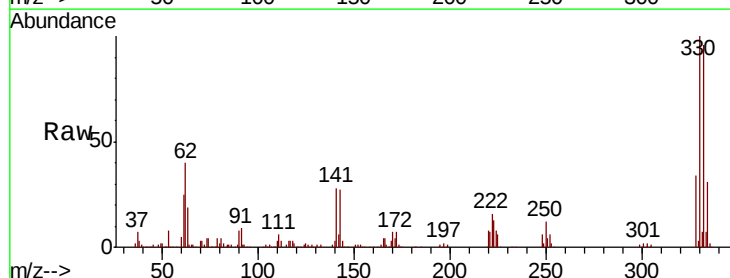


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

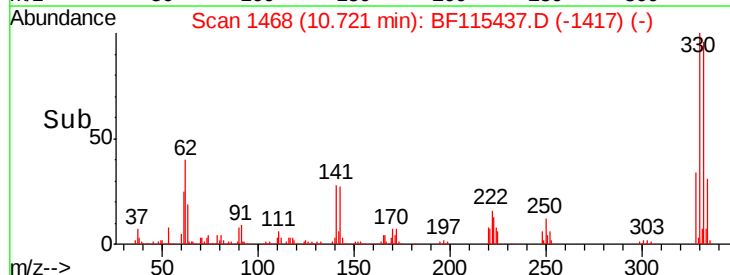
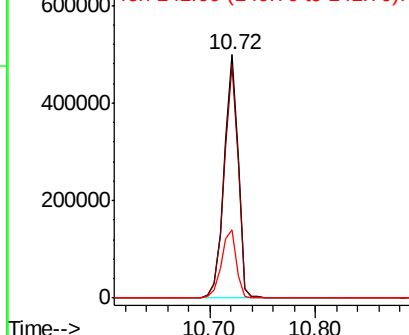


#42
2,4,6-Tribromophenol
Concen: 127.604 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	76.6	115.0
141	30.2	25.1	37.7



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





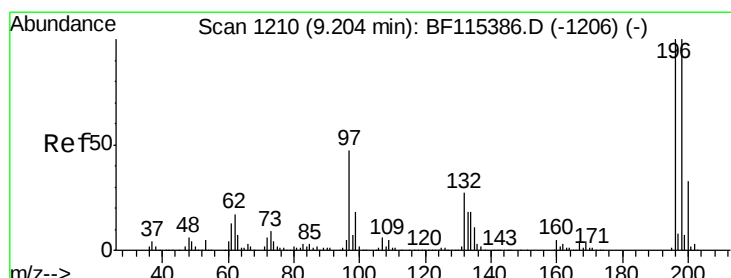
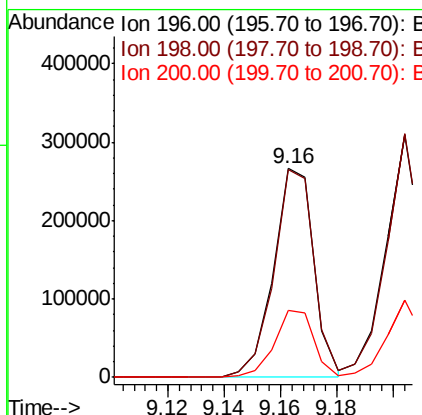
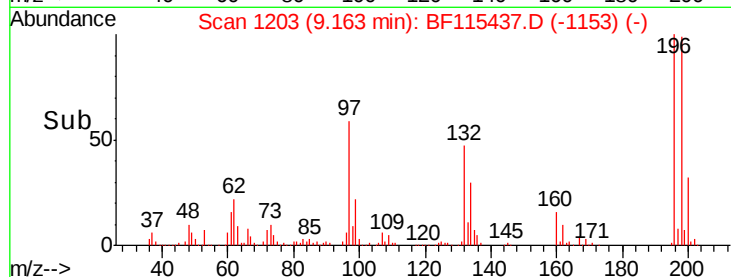
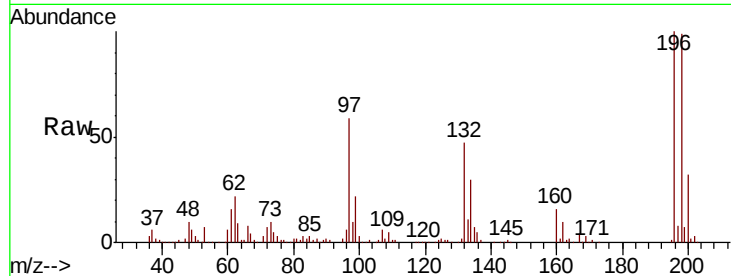
#43
 2,4,6-Trichlorophenol
 Concen: 38.168 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MS

Tot Ion:	196	Resp:	263918
Ion Ratio	Lower	Upper	
196	100		
198	99.2	80.7	121.1
200	31.8	26.2	39.2

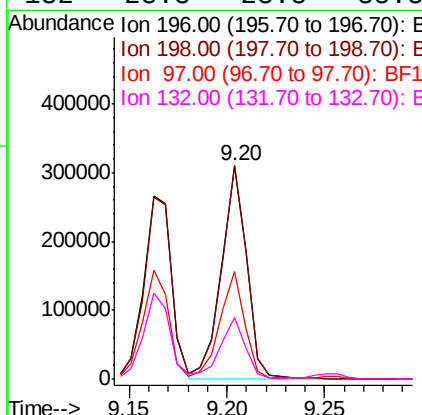
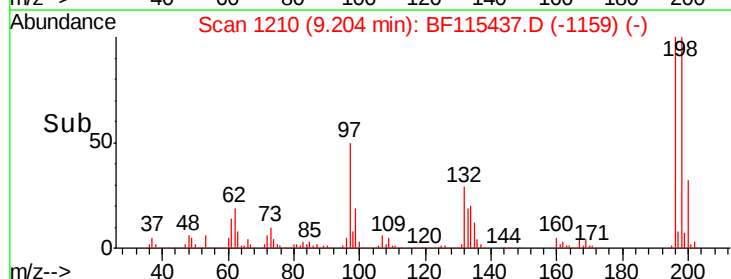
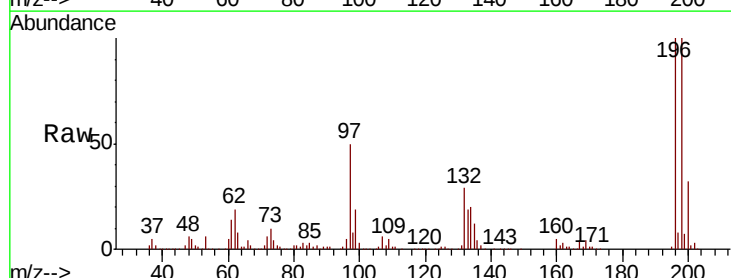
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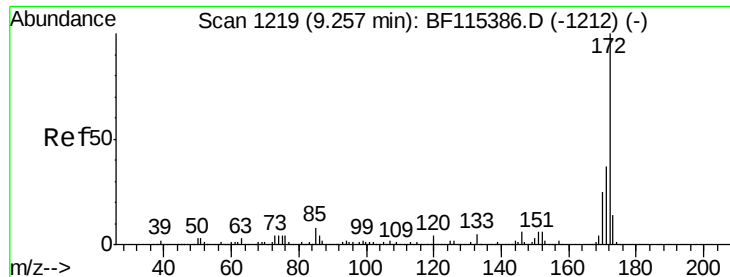
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.665 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Tgt Ion:	196	Resp:	277224
Ion Ratio	Lower	Upper	
196	100		
198	100.5	78.6	118.0
97	50.3	41.4	62.2
132	28.8	23.8	35.8





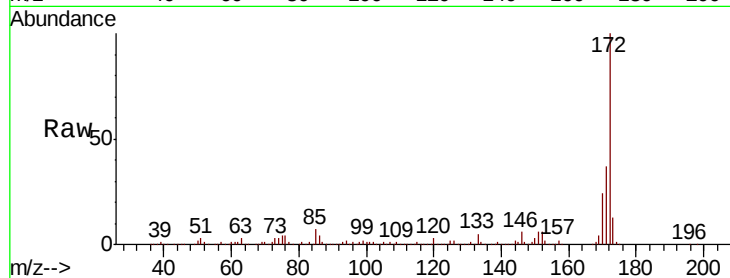
#45
2-Fluorobiphenyl
Concen: 87.534 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.8
170	24.4	19.8	29.6

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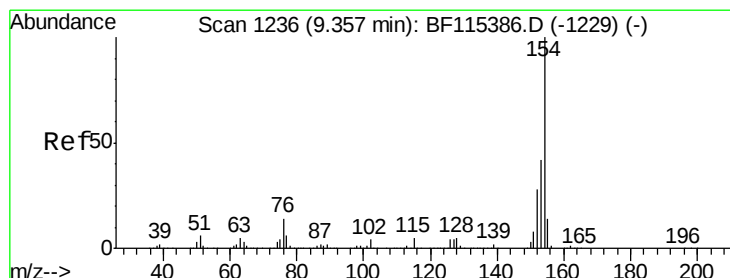
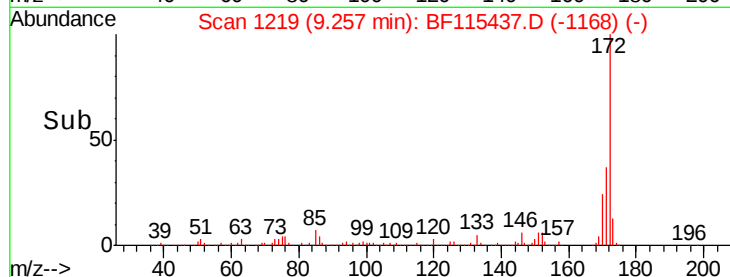
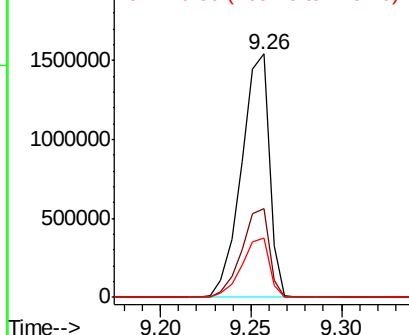


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.673 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

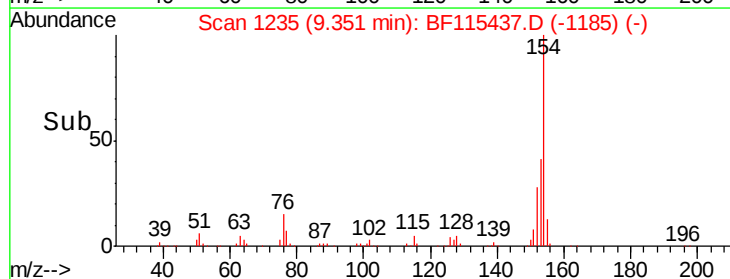
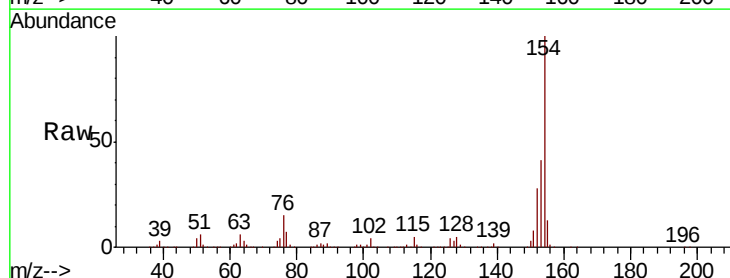
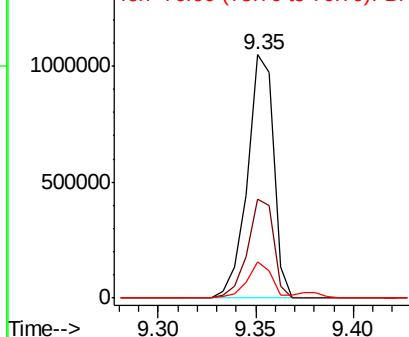
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.4	61.4
76	14.7	0.0	34.2

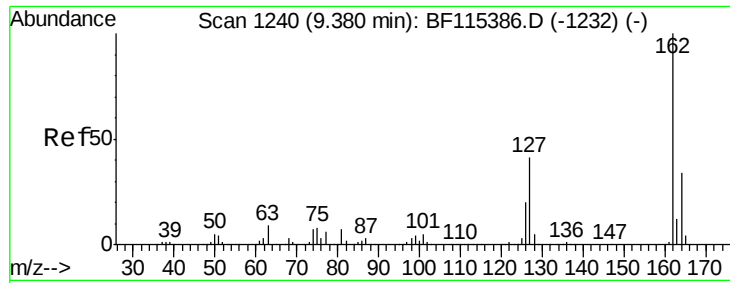
Abundance

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





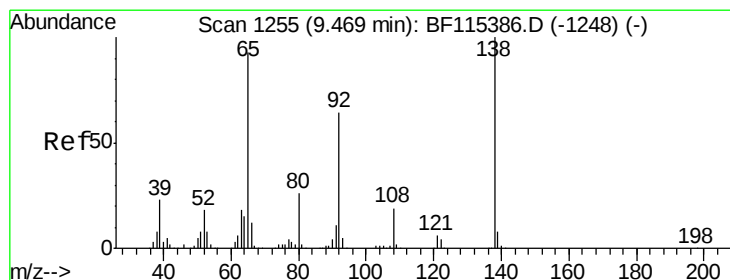
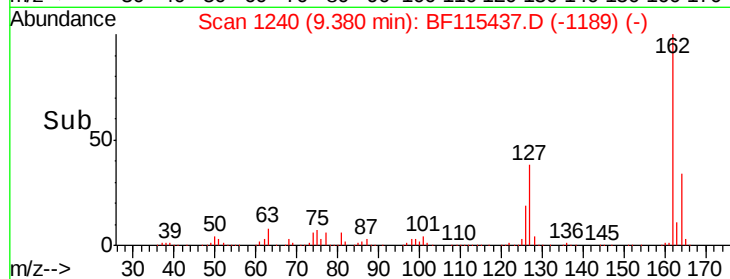
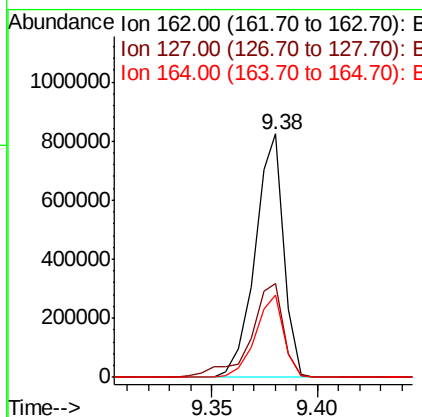
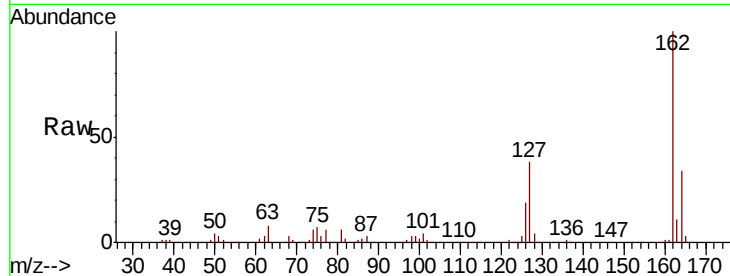
#47
 2-Chloronaphthalene
 Concen: 36.073 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	773795		
127	38.5		32.5	48.7
164	33.7		26.6	40.0

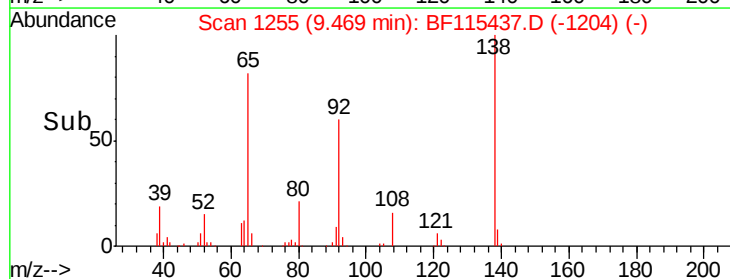
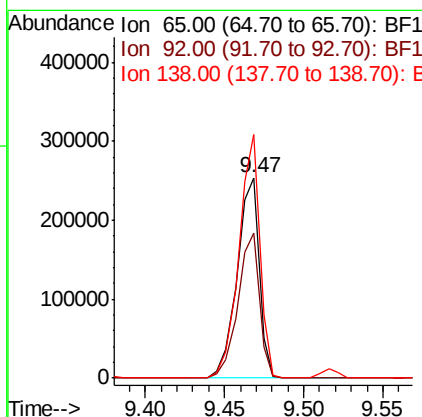
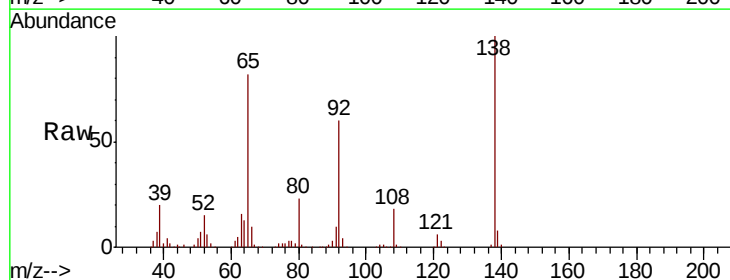
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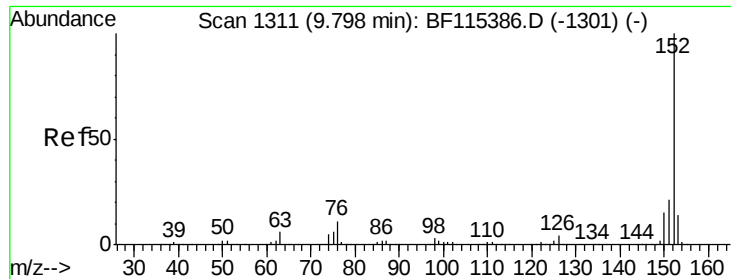
mohammad
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#48
 2-Nitroaniline
 Concen: 38.852 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	244855		
92	72.5		55.3	82.9
138	121.4		86.6	130.0





#49

Acenaphthylene

Concen: 37.002 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

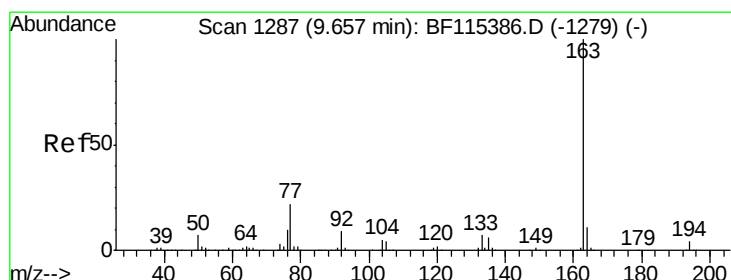
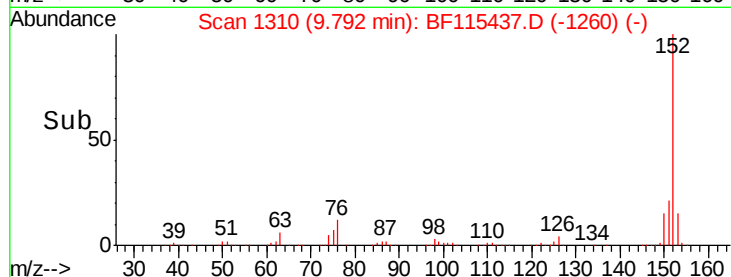
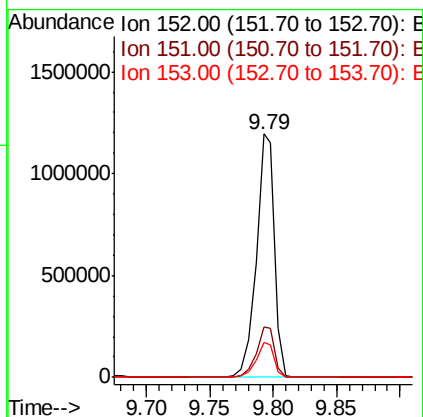
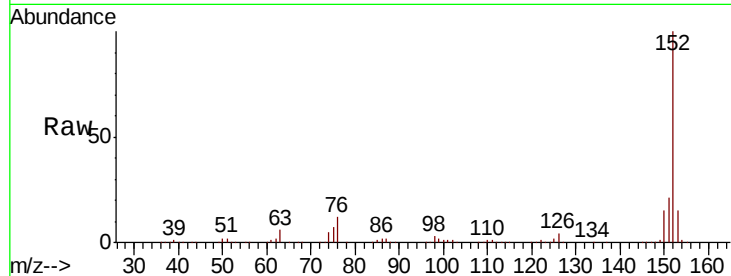
ClientSampleId :

72-12017-VNJ-206MS

Tot Ion:	152	Resp:	1201711
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	14.5	11.5	17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 50.890 ng

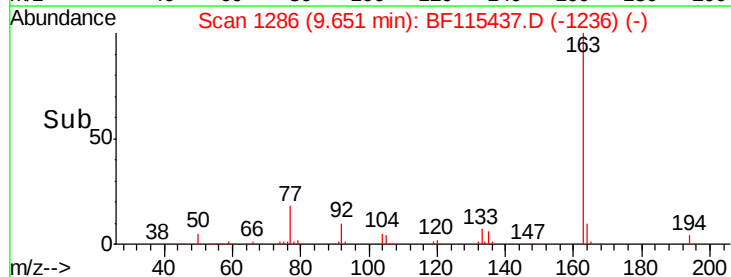
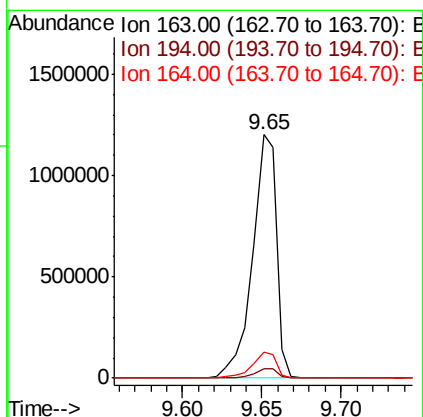
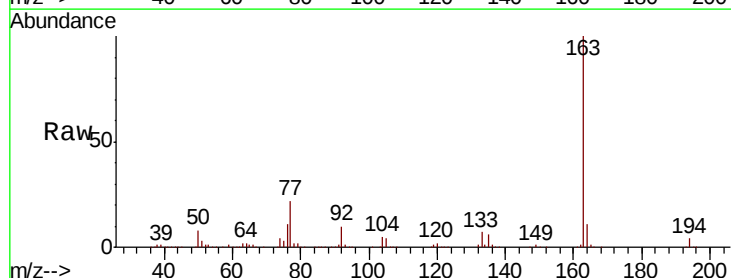
RT: 9.65 min Scan# 1286

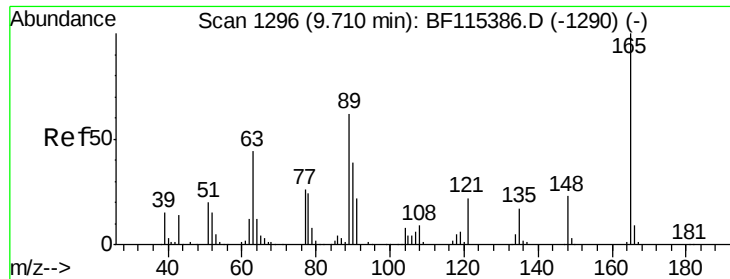
Delta R.T. -0.01 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Tgt Ion:	163	Resp:	1261026
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.7	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 39.353 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

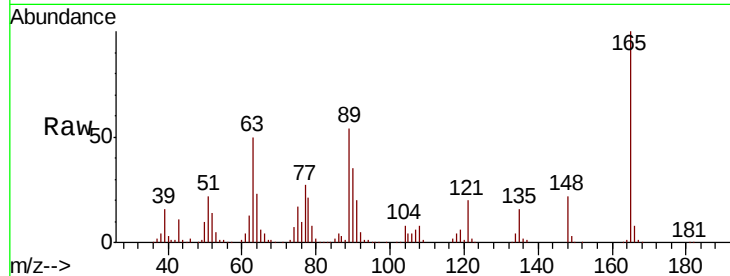
ClientSampleId :

72-12017-VNJ-206MS

Tot Ion:	165	Resp:	211489
Ion Ratio	Lower	Upper	
165	100		
63	49.5	44.6	66.8
89	53.8	47.2	70.8

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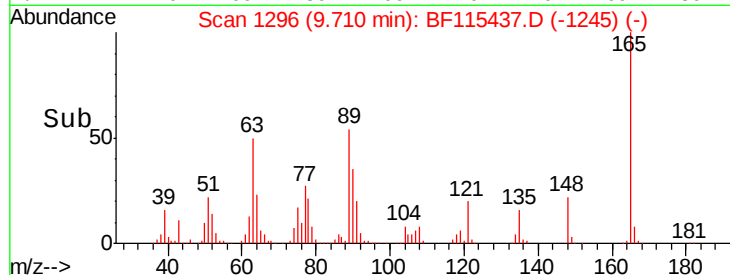


Abundance Ion 165.00 (164.70 to 165.70): E

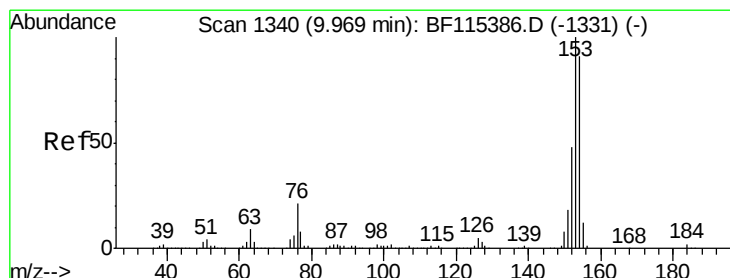
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 37.333 ng

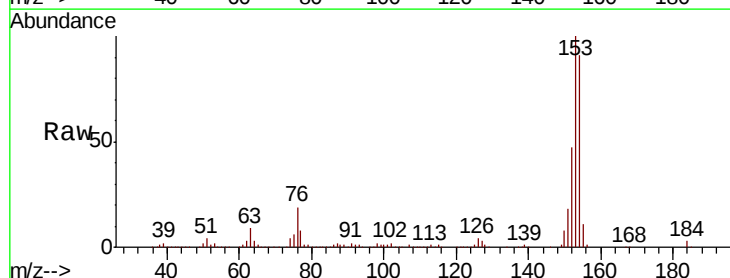
RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Tgt Ion:	154	Resp:	763072
Ion Ratio	Lower	Upper	
154	100		
153	109.9	88.6	133.0
152	51.8	41.4	62.0

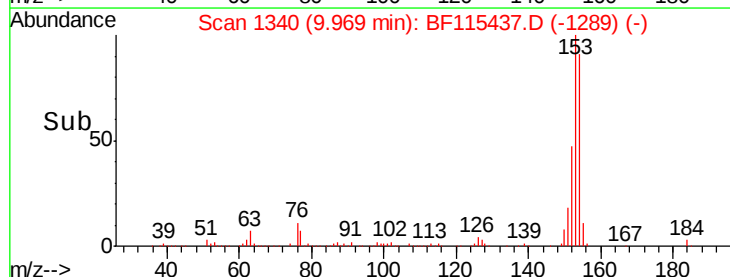


Abundance Ion 154.00 (153.70 to 154.70): E

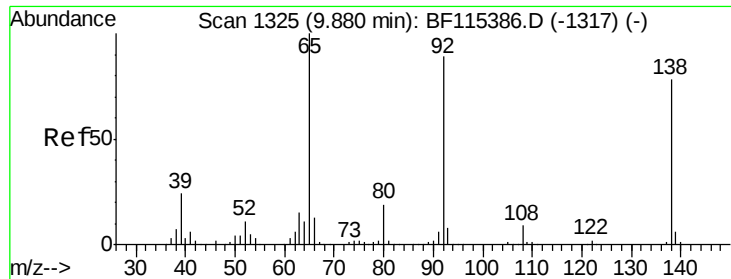
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



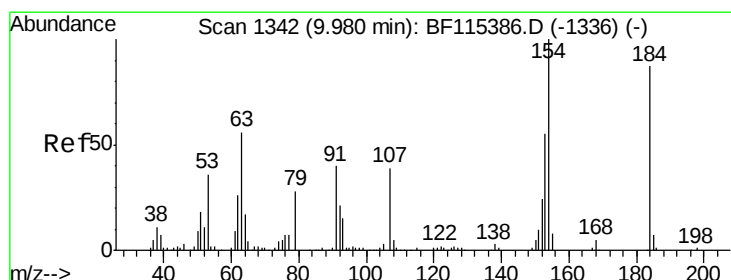
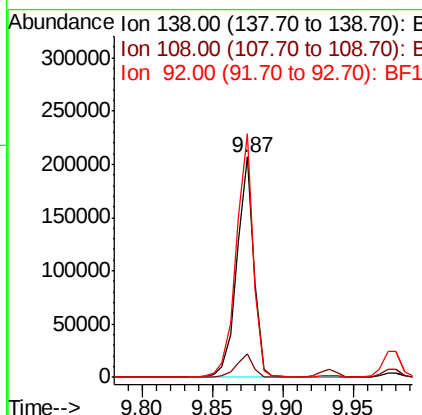
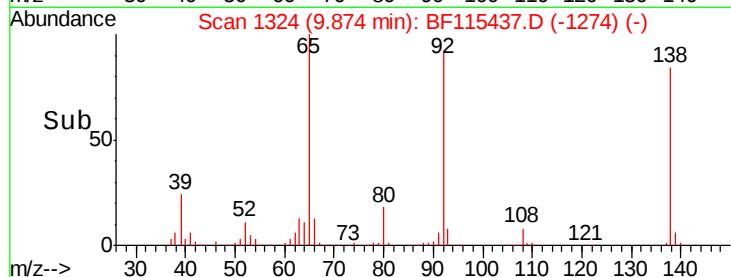
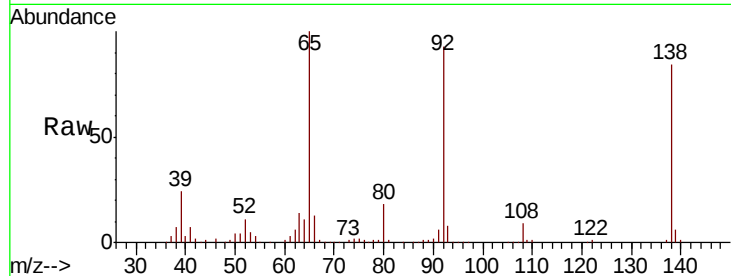
#53
3-Nitroaniline
Concen: 27.556 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	110.6	89.1	133.7

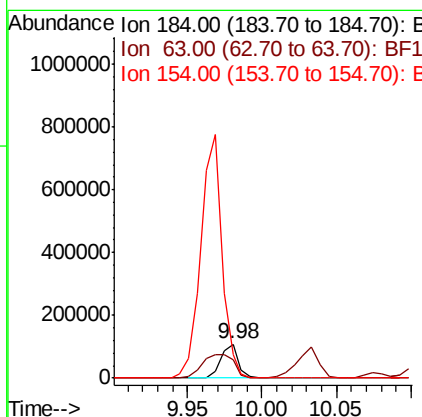
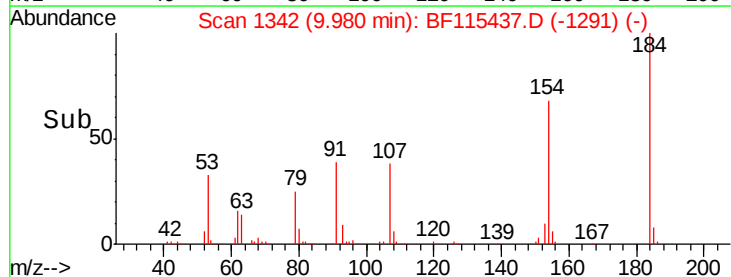
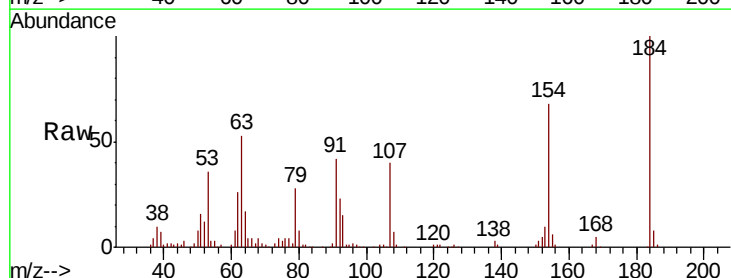
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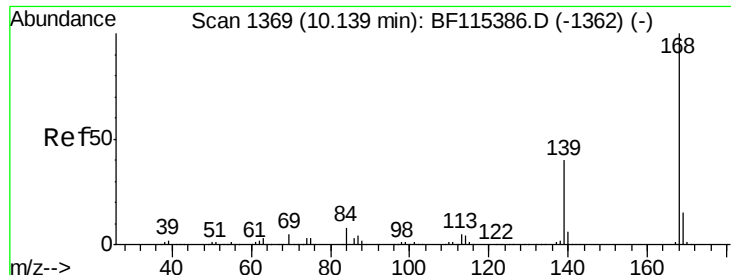
mohammad
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#54
2,4-Dinitrophenol
Concen: 44.047 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.0	51.4	77.2
154	68.2	94.5	141.7#





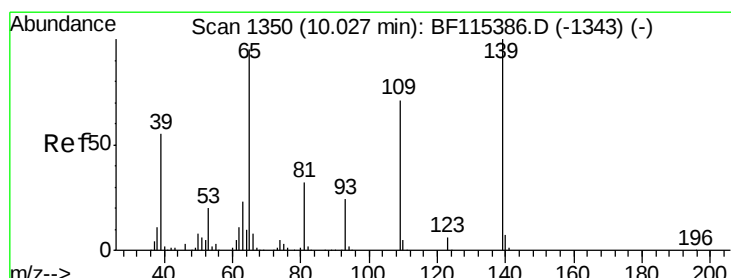
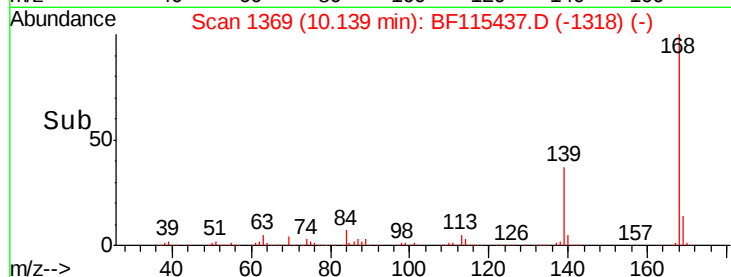
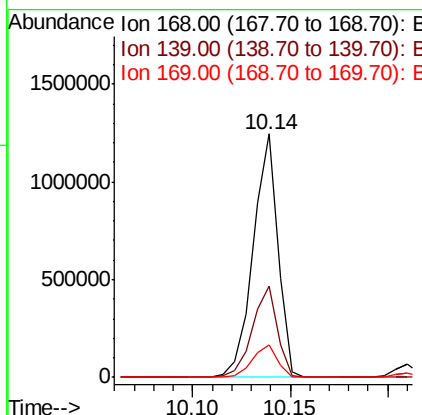
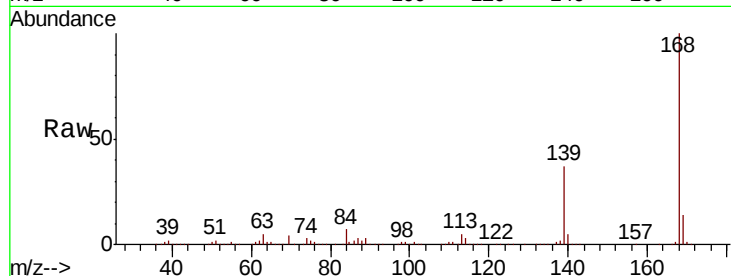
#55
Dibenzenofuran
Concen: 37.860 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion:168 Resp: 1090098
Ion Ratio Lower Upper
168 100
139 37.5 31.3 46.9
169 13.5 11.4 17.2

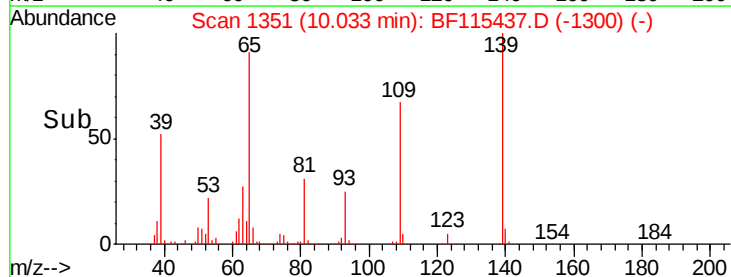
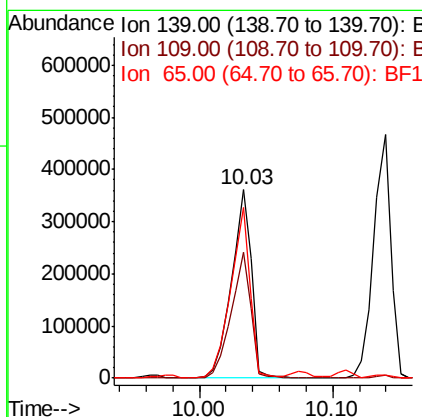
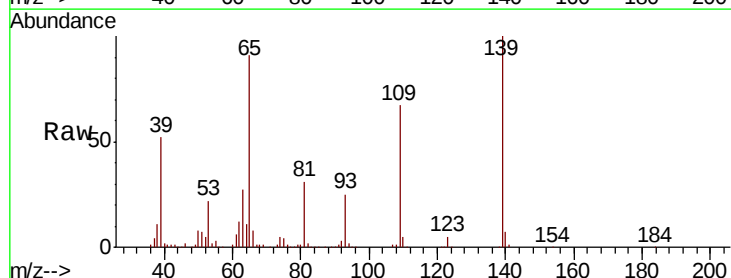
Manual Integrations
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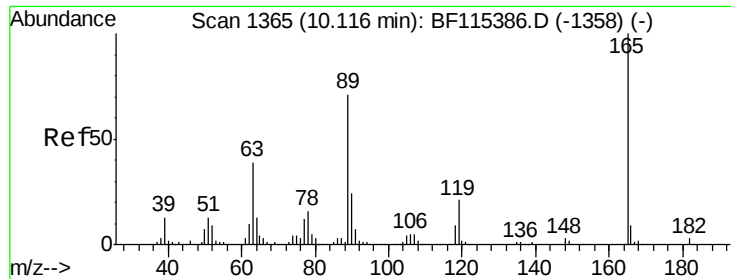
mohammad
7/10/2019 6:16:48 PM



#56
4-Nitrophenol
Concen: 79.625 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion:139 Resp: 384523
Ion Ratio Lower Upper
139 100
109 67.0 43.1 83.1
65 90.8 57.5 97.5





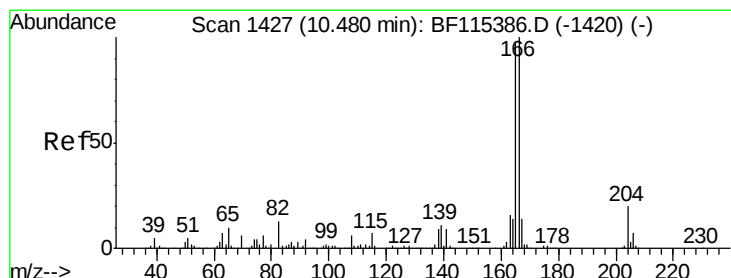
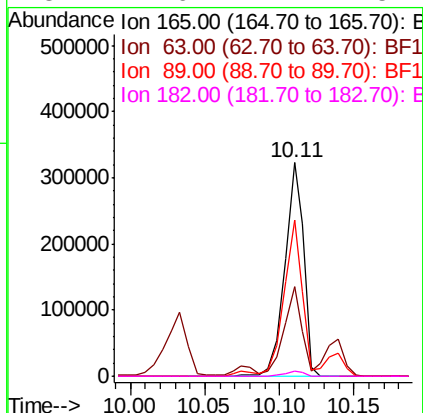
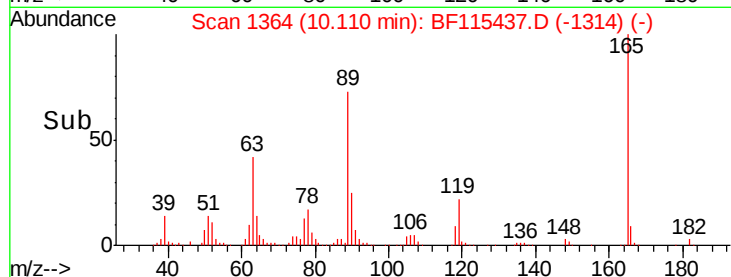
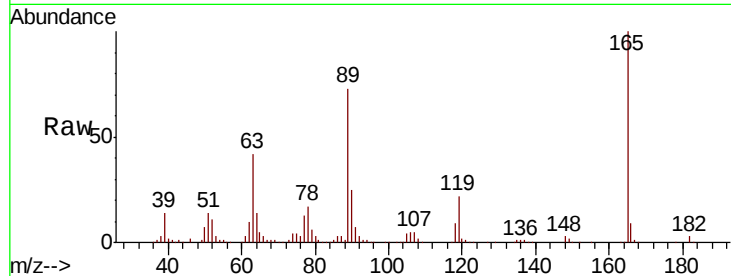
#57
2,4-Dinitrotoluene
Concen: 42.487 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.8	29.1	43.7
89	72.9	52.9	79.3
182	2.6	2.2	3.2

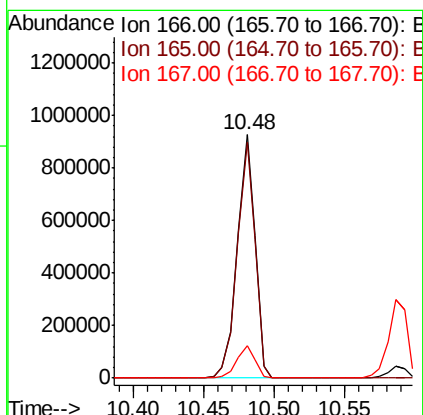
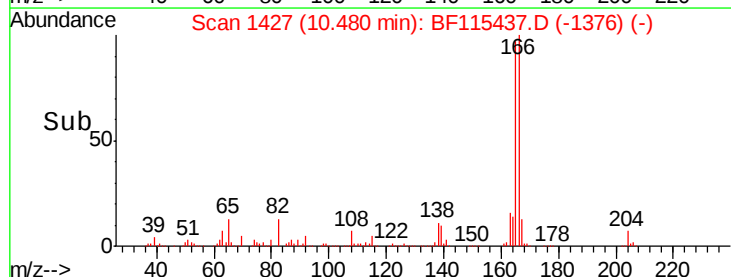
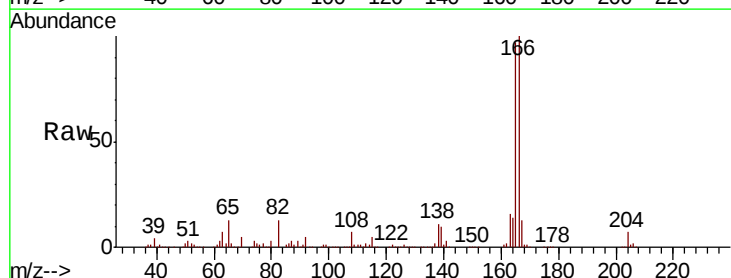
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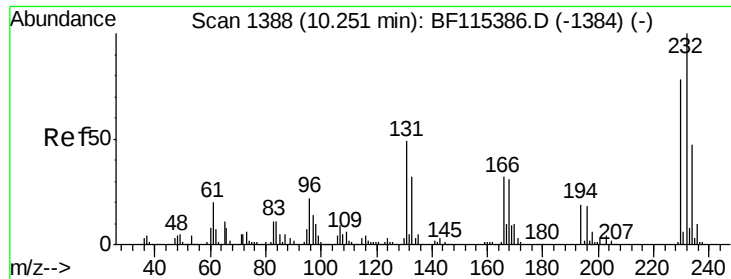
mohammad
7/10/2019 6:16:48 PM



#58
Fluorene
Concen: 35.858 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.9	118.3
167	13.3	11.1	16.7





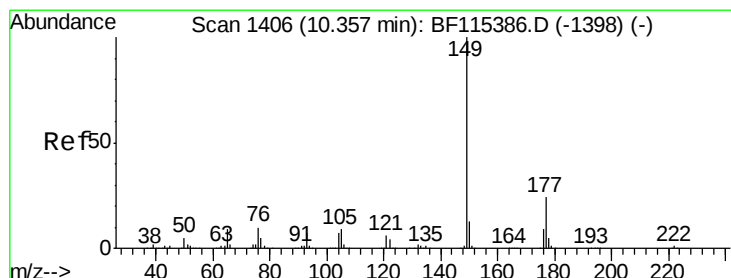
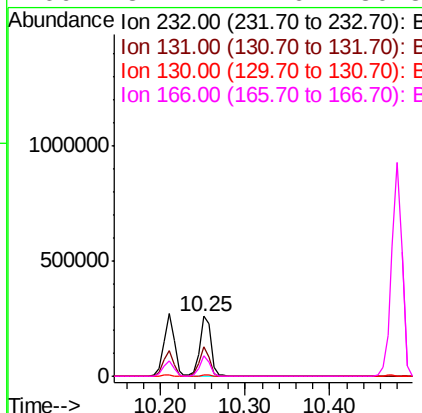
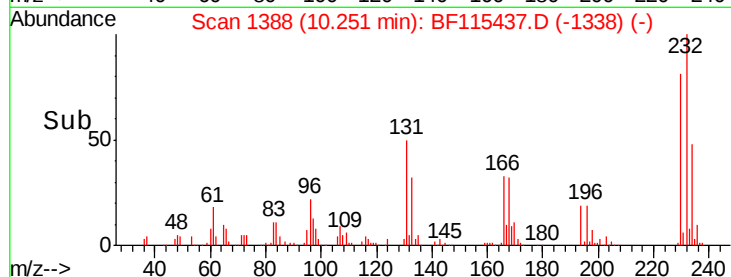
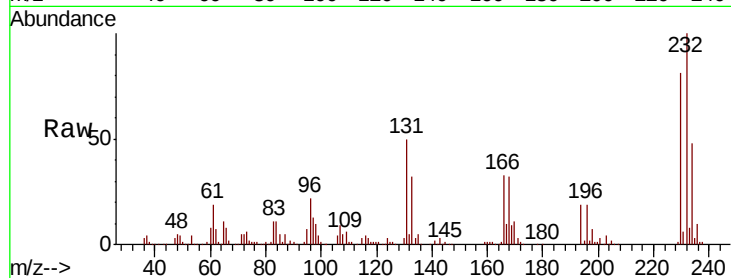
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.614 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.0	54.0
130	2.3	1.8	2.6
166	31.4	24.6	36.8

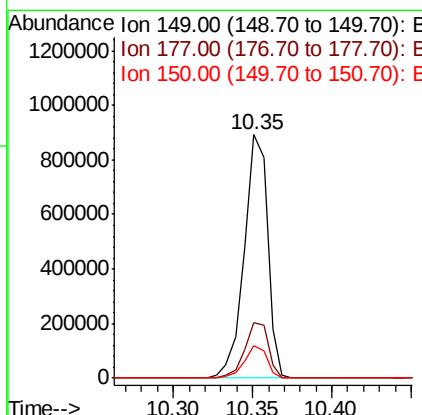
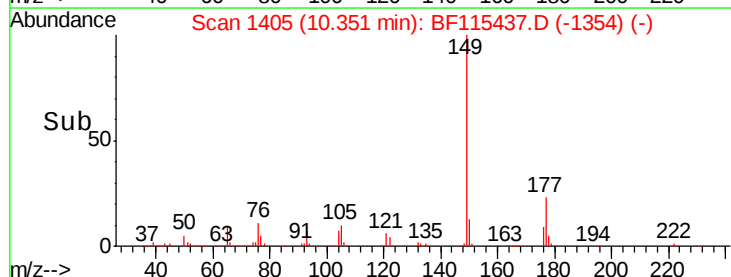
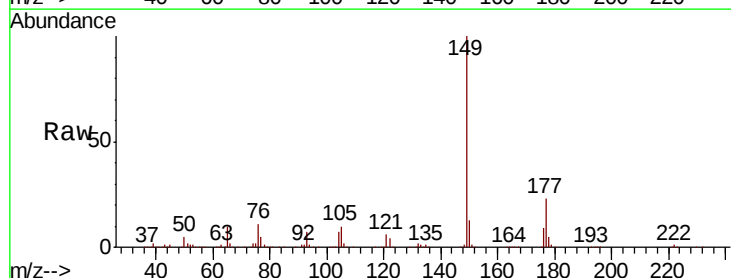
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#60
Diethylphthalate
Concen: 37.441 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	13.1	10.4	15.6





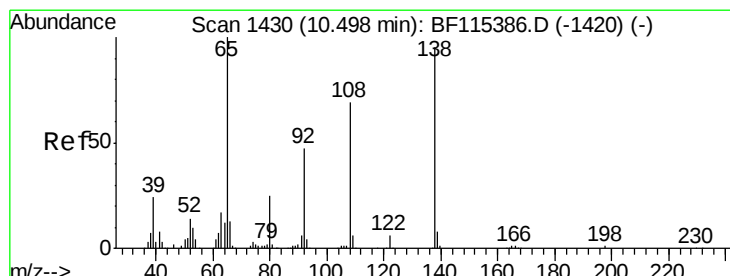
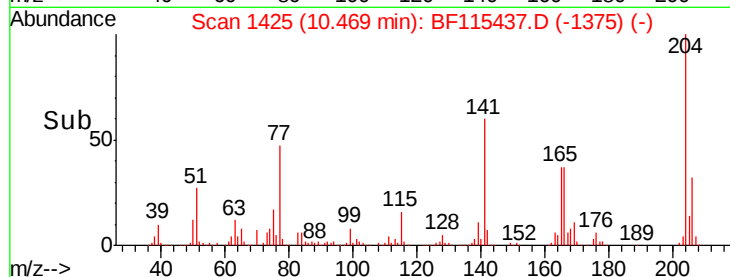
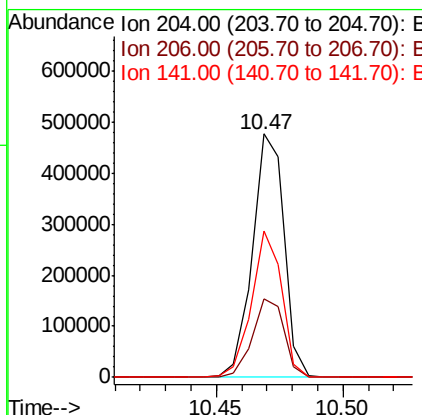
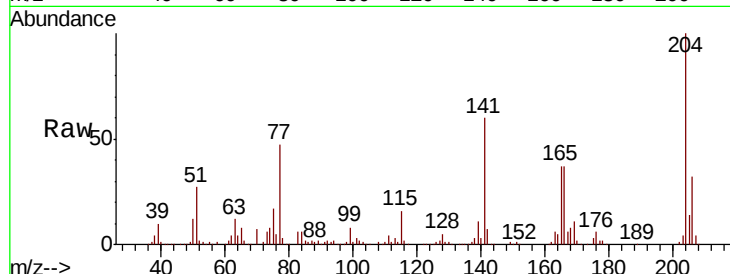
#61
 4-Chlorophenyl-phenylether
 Concen: 37.364 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	40.0
141	60.0	44.6	66.8

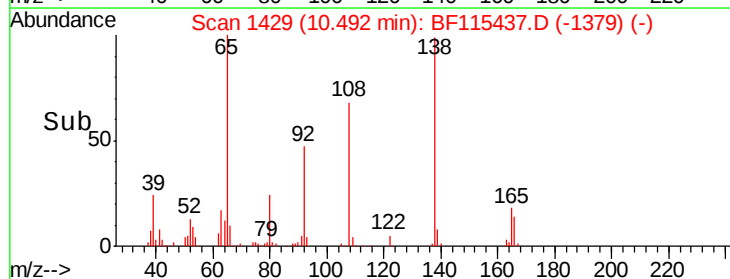
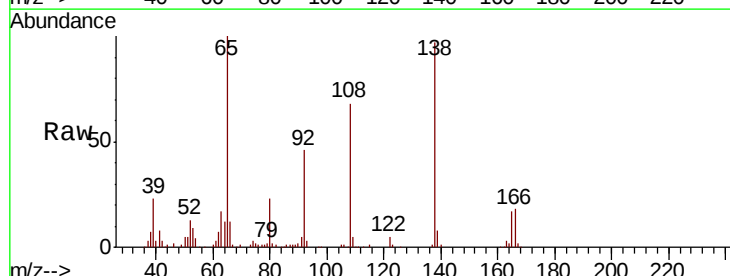
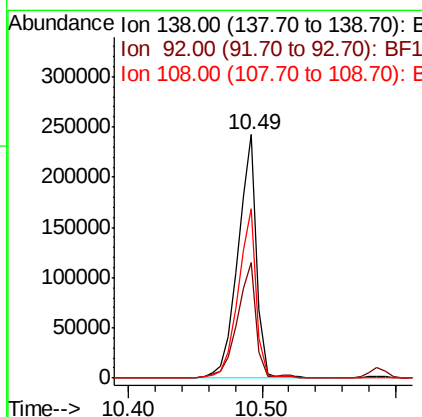
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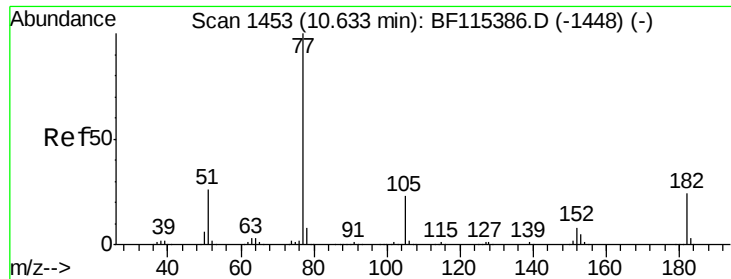
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#62
 4-Nitroaniline
 Concen: 38.648 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	27.1	67.1
108	69.5	48.2	88.2





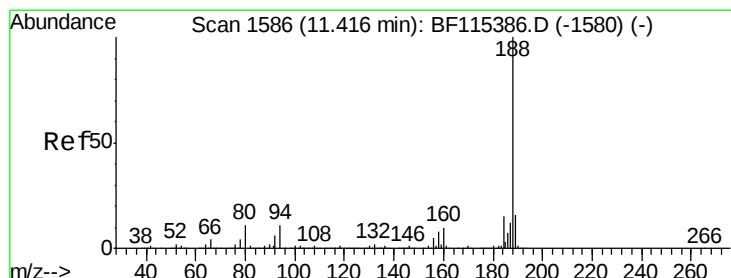
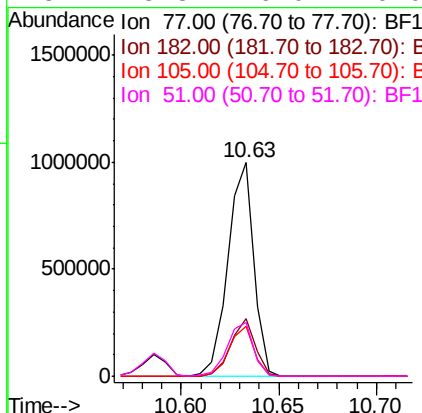
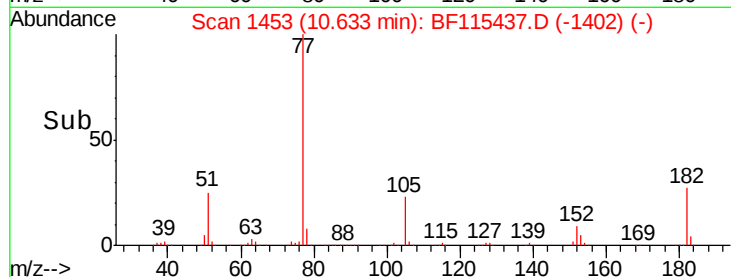
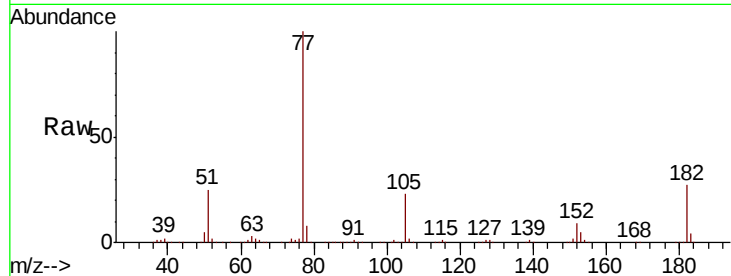
#63
Azobenzene
Concen: 36.317 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.1	46.1
105	23.1	3.1	43.1
51	25.3	6.0	46.0

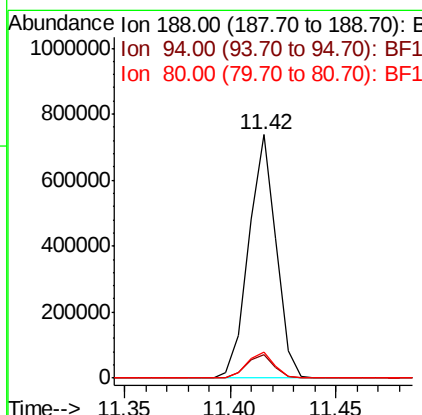
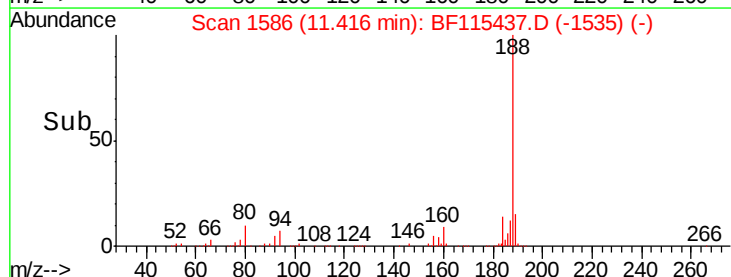
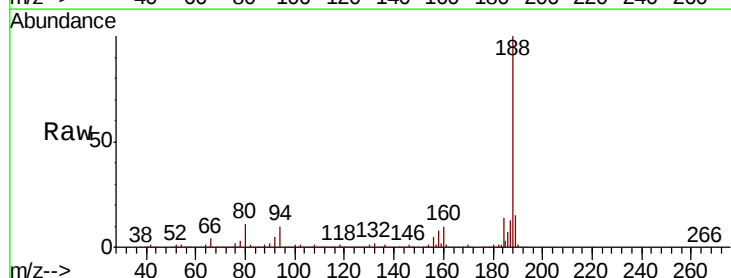
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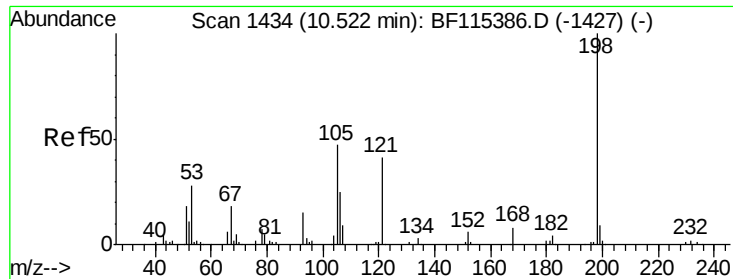
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	10.5	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 36.086 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

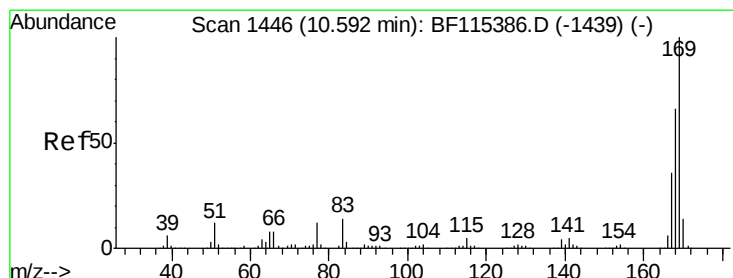
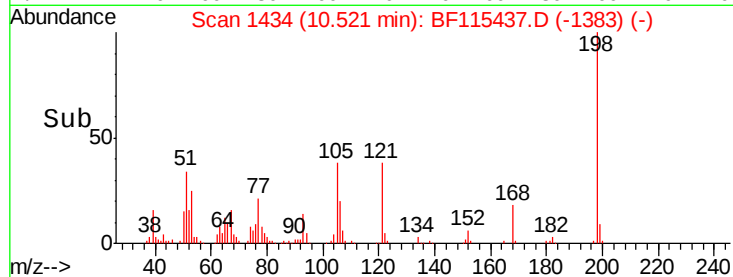
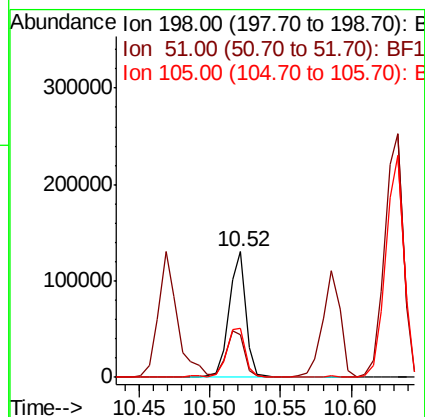
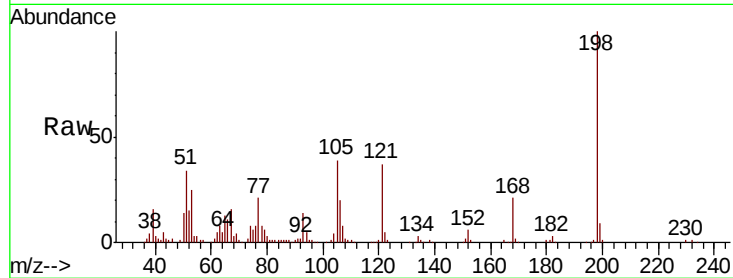
ClientSampleId :

72-12017-VNJ-206MS

Tot Ion:	198	Resp:	107495
Ion Ratio	Lower	Upper	
198	100		
51	33.9	23.2	63.2
105	38.8	26.3	66.3

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#66

n-Nitrosodiphenylamine

Concen: 36.410 ng

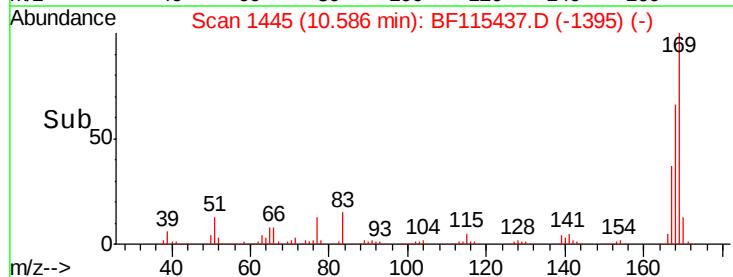
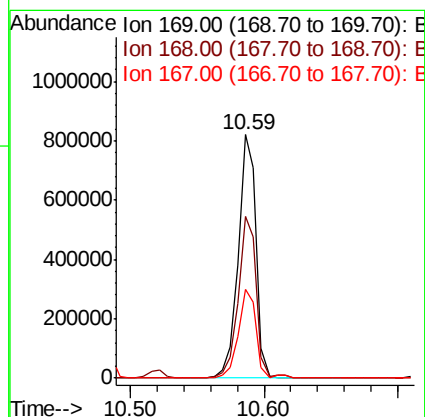
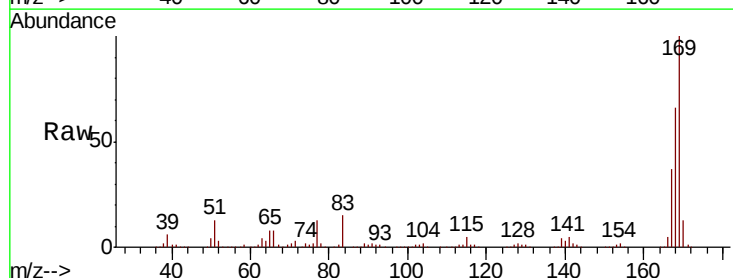
RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Tgt Ion:	169	Resp:	762717
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.4	80.0
167	36.7	29.2	43.8





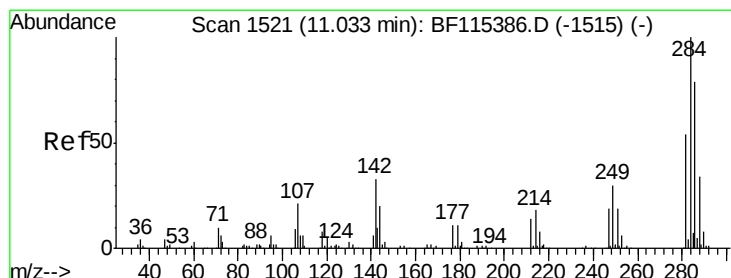
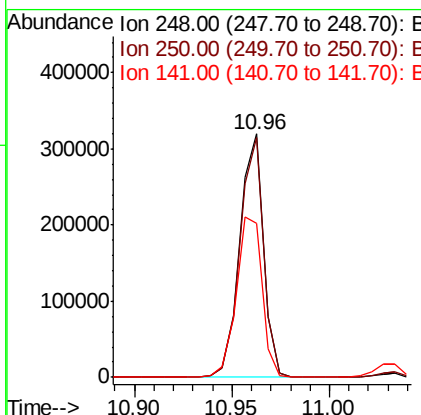
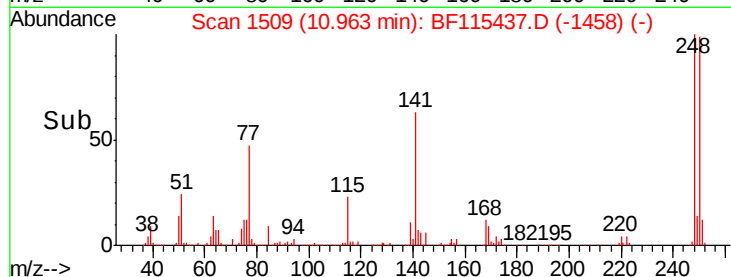
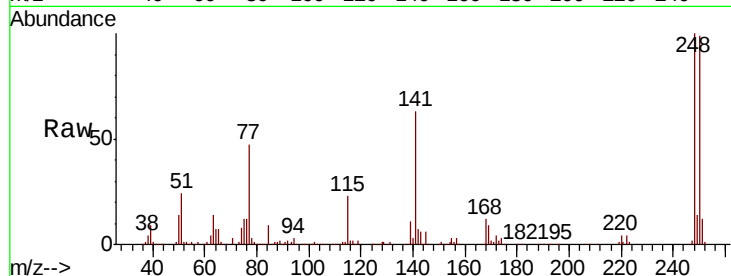
#67
4-Bromophenyl-phenylether
Concen: 36.114 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.0	115.4
141	63.2	55.6	83.4

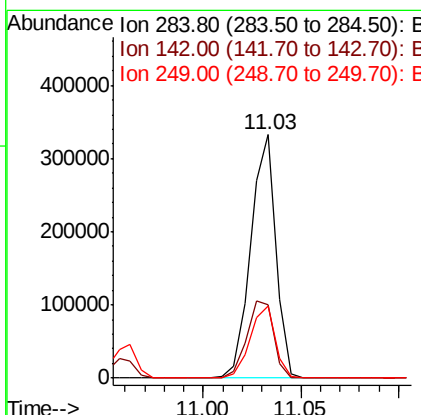
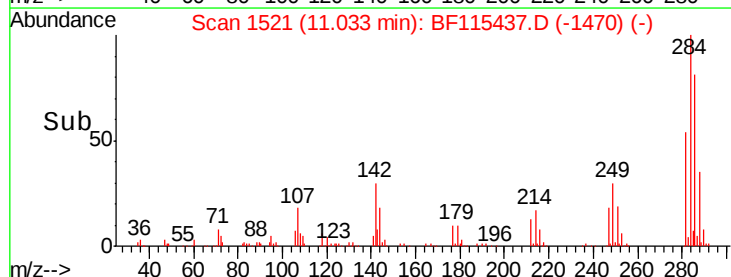
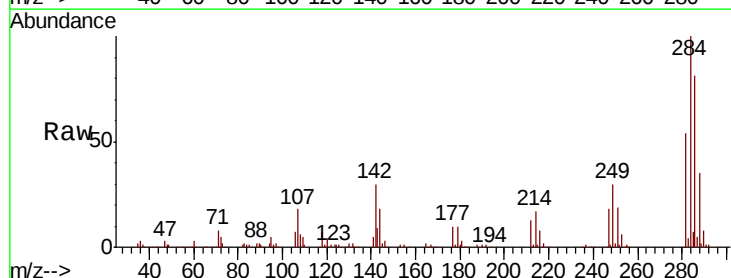
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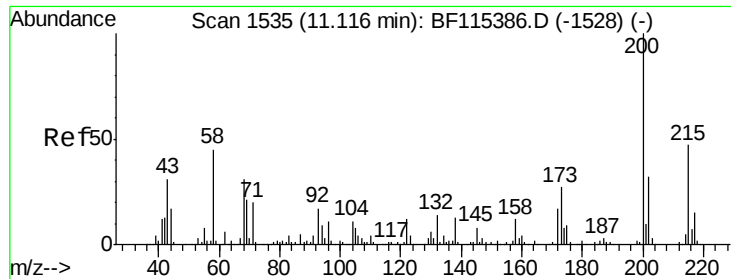
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#68
Hexachlorobenzene
Concen: 35.373 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	26.5	39.7
249	29.7	24.2	36.4





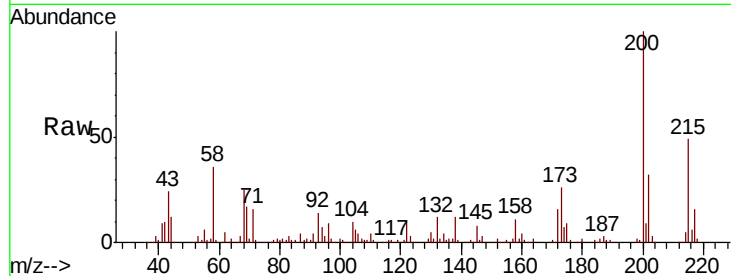
#69
Atrazine
Concen: 39.492 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.3	47.3
215	48.6	27.2	67.2

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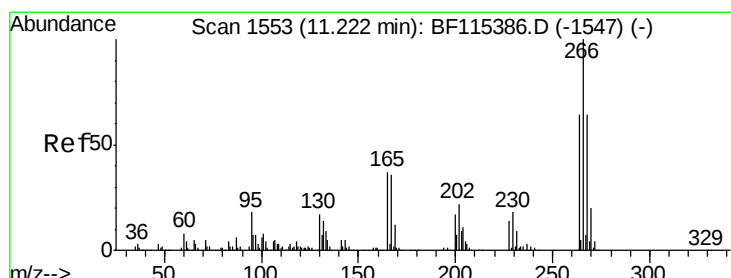
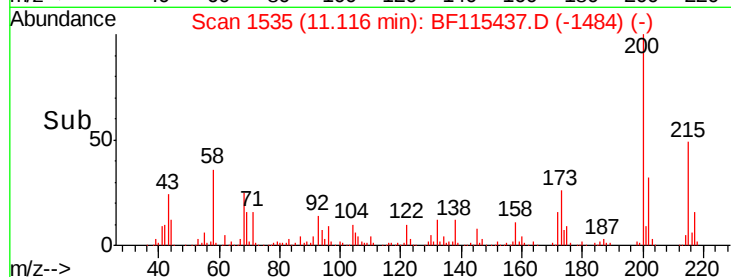
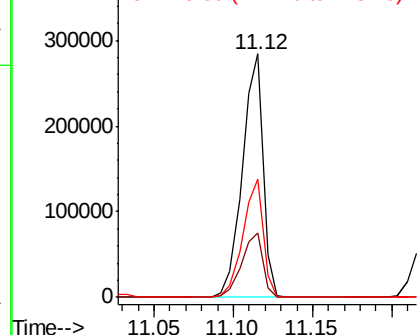


Abundance

Ion 200.00 (199.70 to 200.70): E

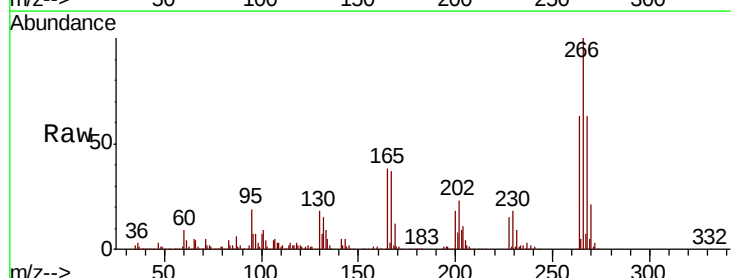
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 59.618 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.0	75.0
264	63.1	50.5	75.7

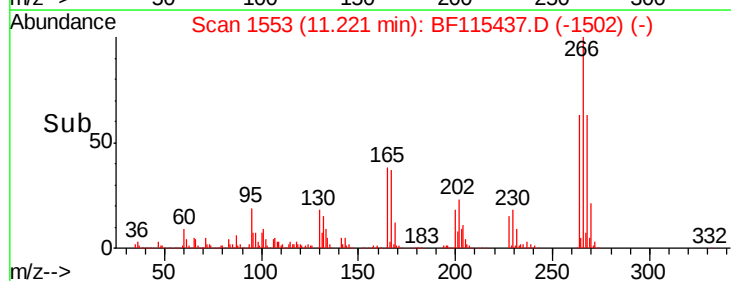
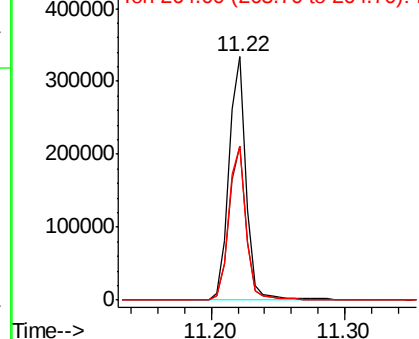


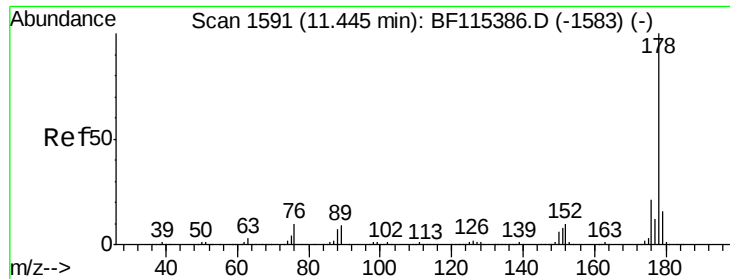
Abundance

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





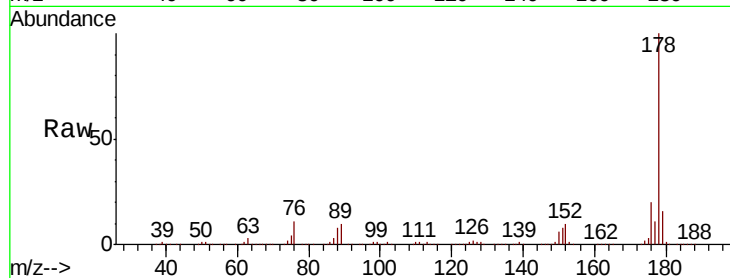
#71
Phenanthrene
Concen: 37.110 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

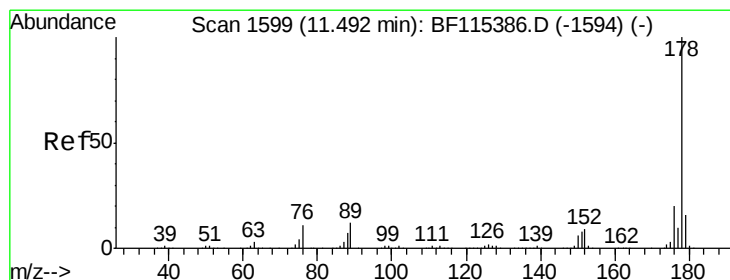
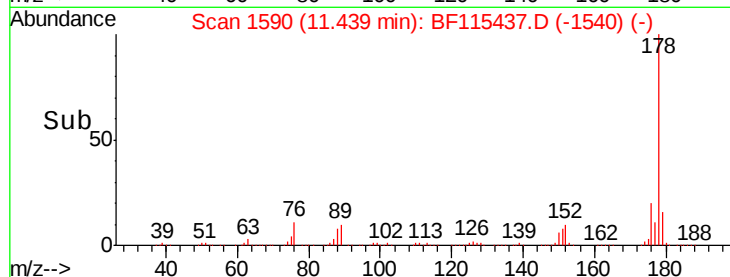
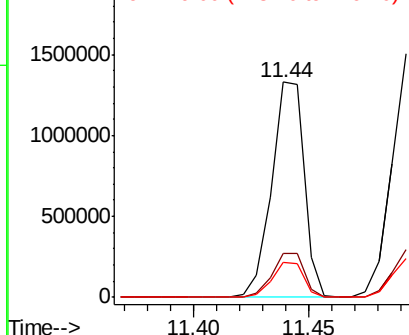
Tot Ion:178 Resp: 1297582
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 16.4 12.9 19.3

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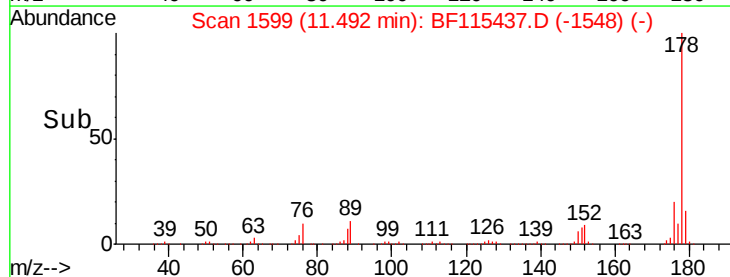
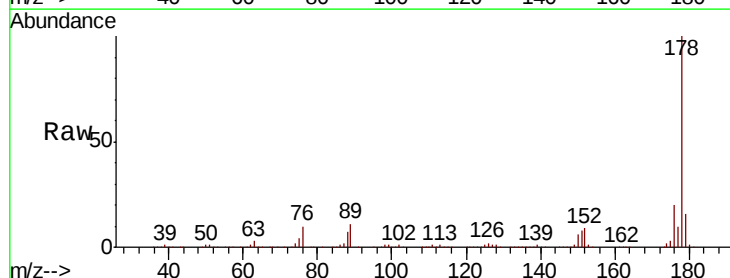
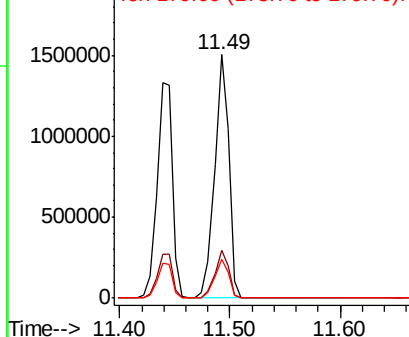
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 37.881 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion:178 Resp: 1328224
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 16.1 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





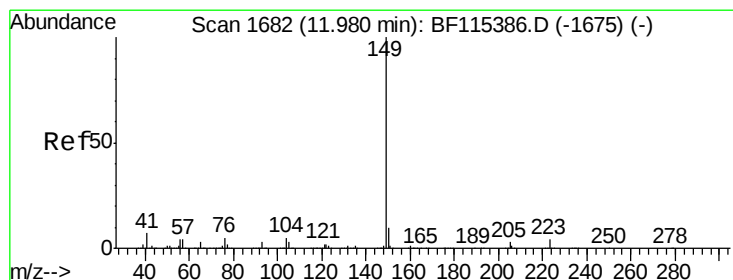
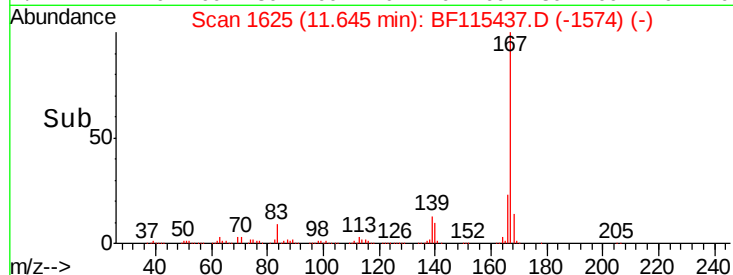
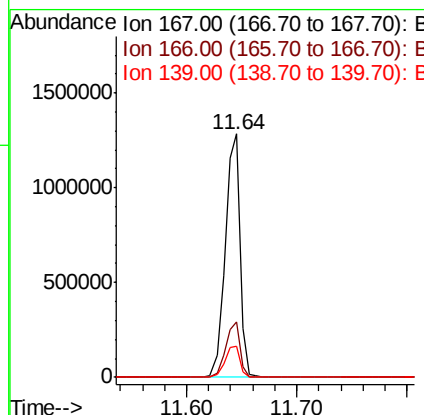
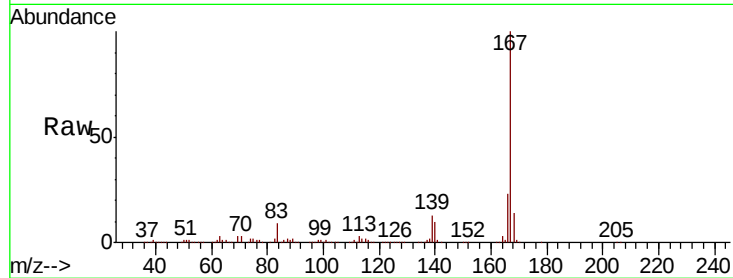
#73
 Carbazole
 Concen: 37.566 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	13.0	11.0	16.4

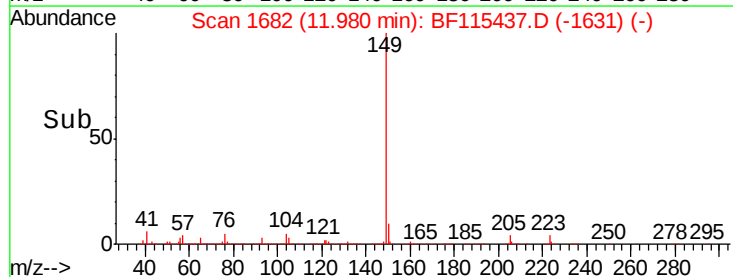
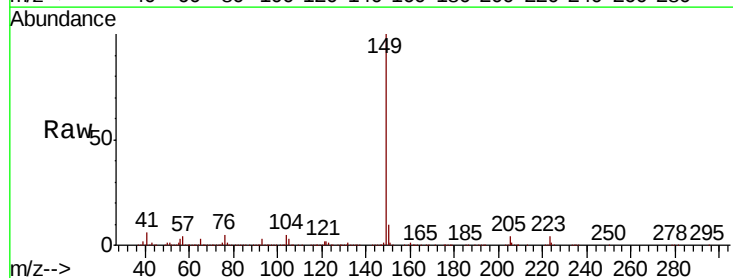
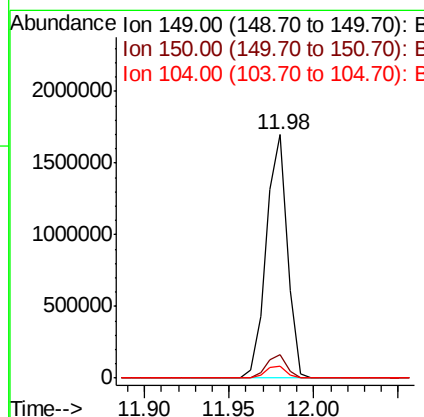
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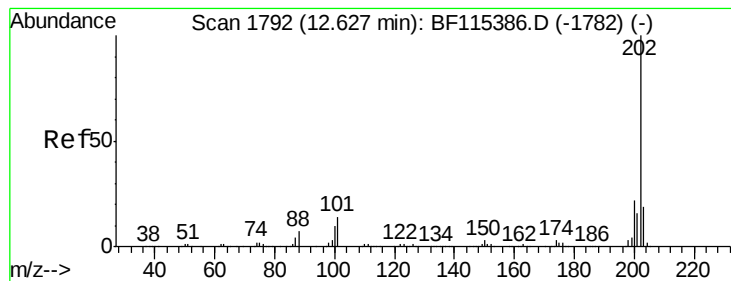
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#74
 Di-n-butylphthalate
 Concen: 37.808 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	5.0	4.2	6.2





#75

Fluoranthene

Concen: 46.540 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

ClientSampleId :

72-12017-VNJ-206MS

Tot Ion:202 Resp: 1713398

Ion Ratio Lower Upper

202 100

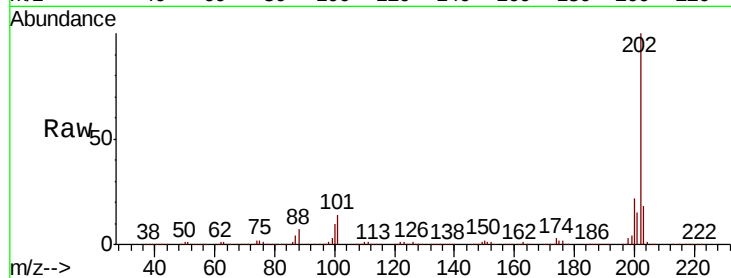
101 13.6 0.0 32.8

203 18.4 0.0 38.1

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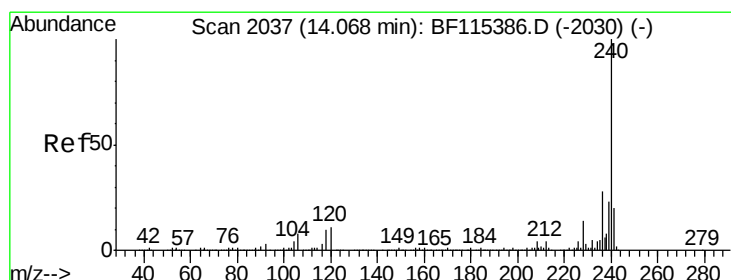
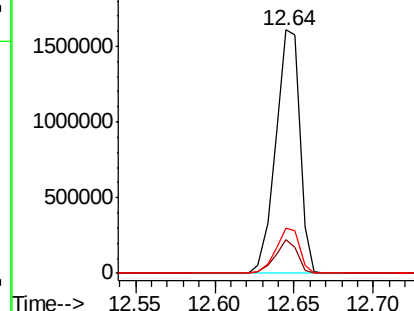
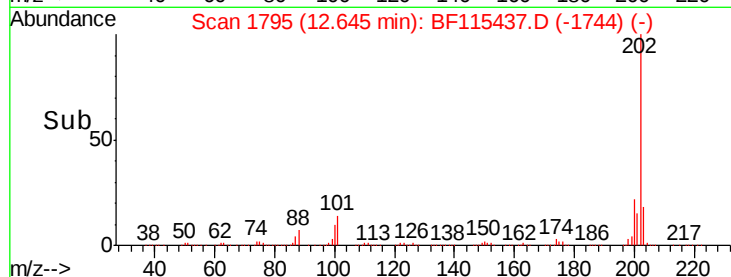
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

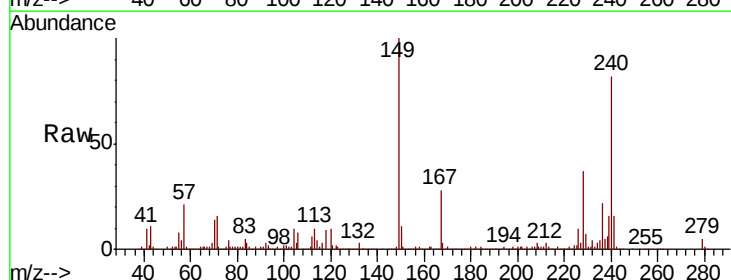
Tgt Ion:240 Resp: 423879

Ion Ratio Lower Upper

240 100

120 12.6 9.6 14.4

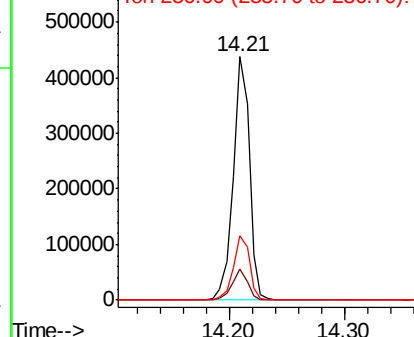
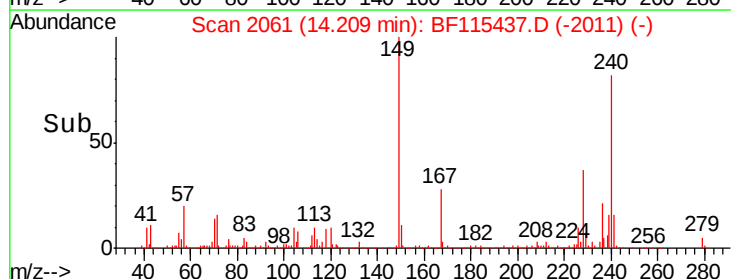
236 26.5 21.6 32.4

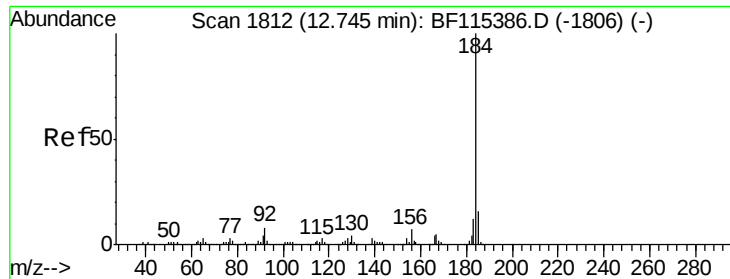


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.274 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

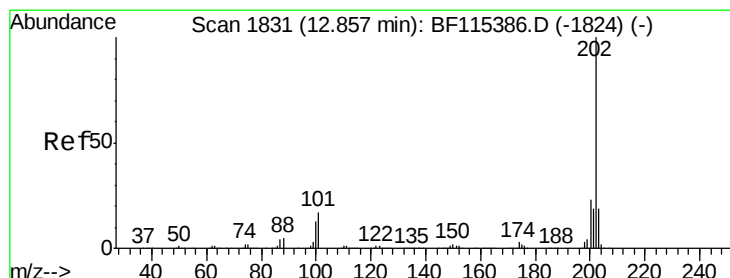
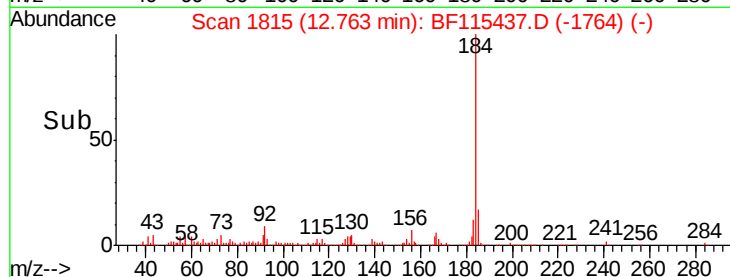
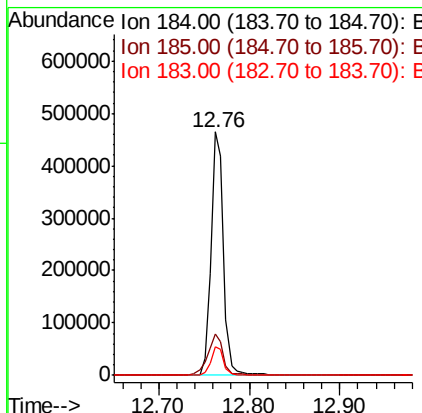
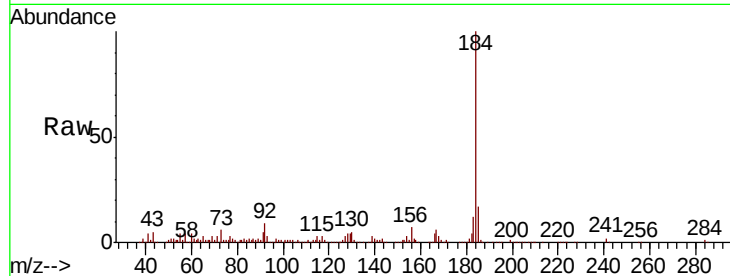
ClientSampleId :

72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.9	13.4	20.2
183	11.9	9.4	14.0

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#78

Pyrene

Concen: 51.973 ng

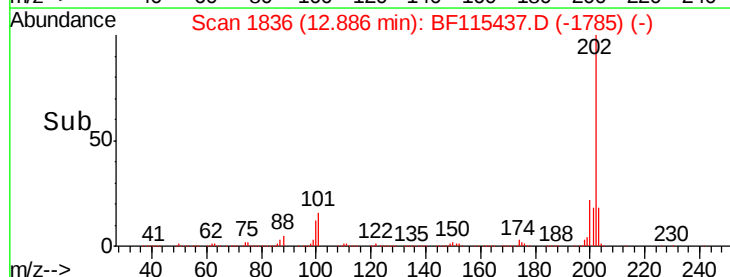
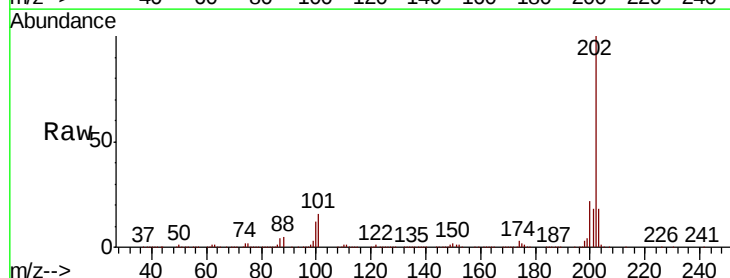
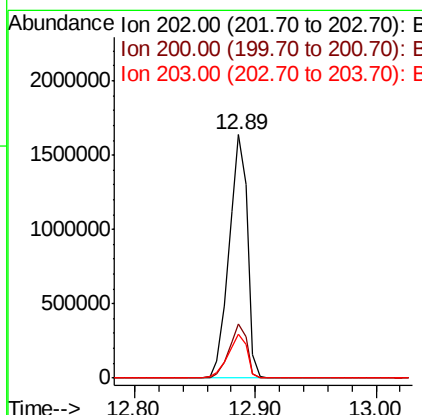
RT: 12.89 min Scan# 1836

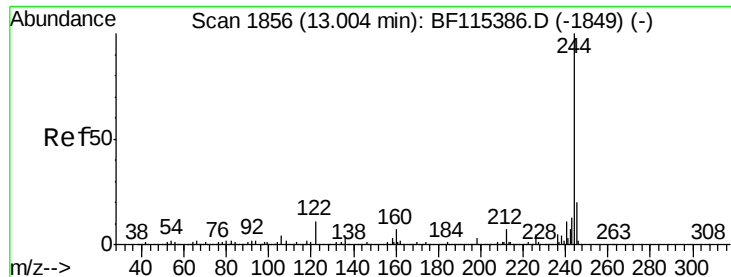
Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.2	27.4
203	18.0	14.7	22.1





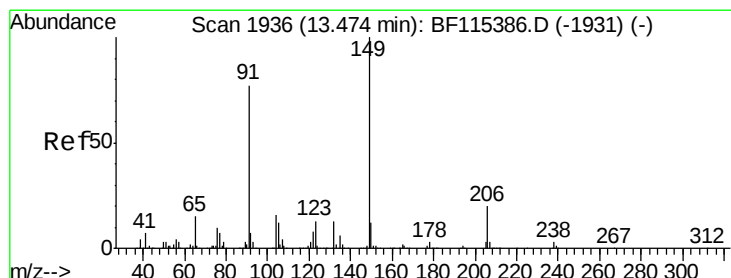
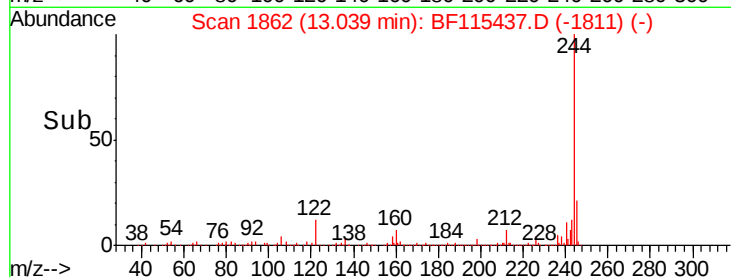
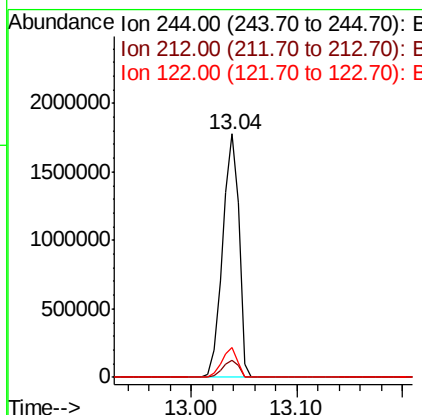
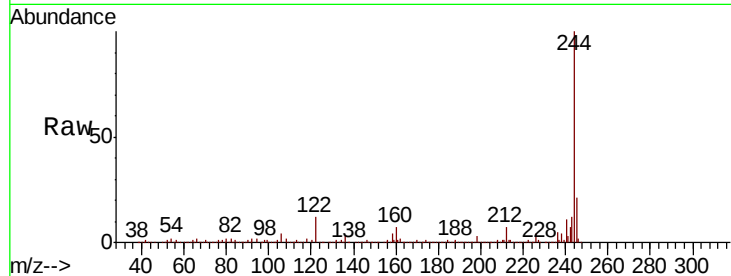
#79
 Terphenyl-d14
 Concen: 92.829 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MS

Tot Ion:244 Resp: 1921771
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 12.1 9.3 13.9

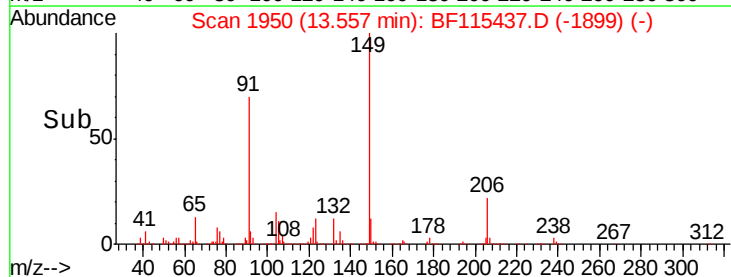
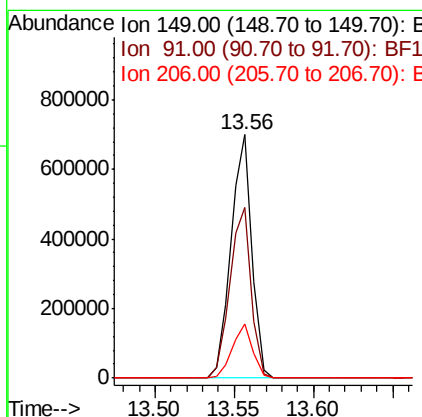
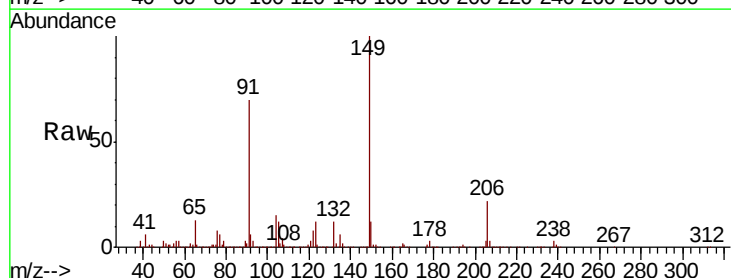
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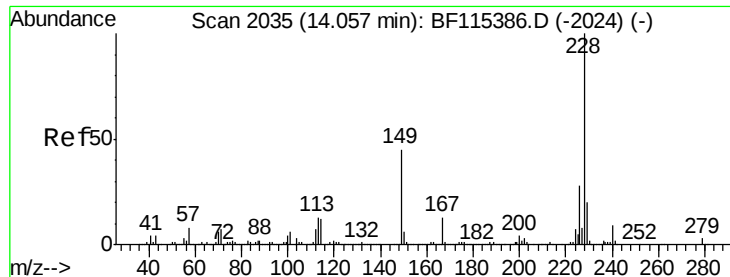
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#80
 Butylbenzylphthalate
 Concen: 44.272 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Tgt Ion:149 Resp: 637608
 Ion Ratio Lower Upper
 149 100
 91 70.2 55.2 82.8
 206 22.2 17.8 26.8





#81

Benzo(a)anthracene

Concen: 41.410 ng

RT: 14.20 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

ClientSampleId :

72-12017-VNJ-206MS

Tot Ion:228 Resp: 1124680

Ion Ratio Lower Upper

228 100

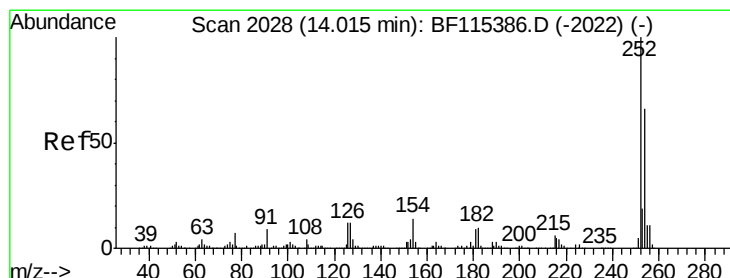
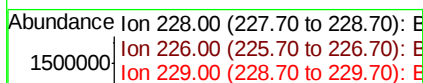
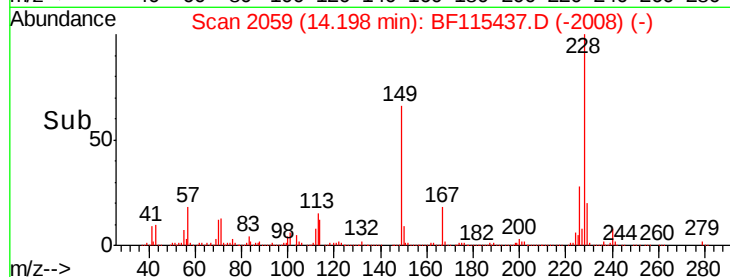
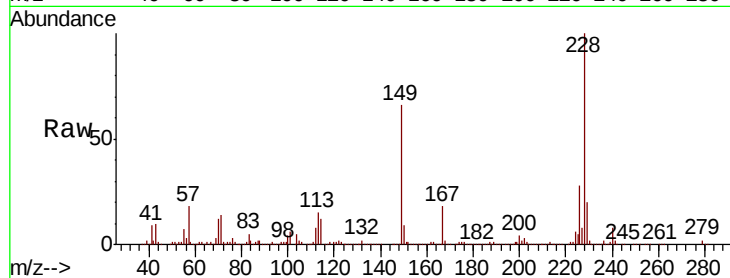
226 27.8 22.5 33.7

229 20.2 16.4 24.6

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#82

3,3'-Dichlorobenzidine

Concen: 27.345 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

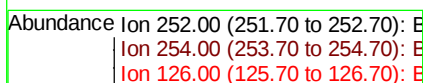
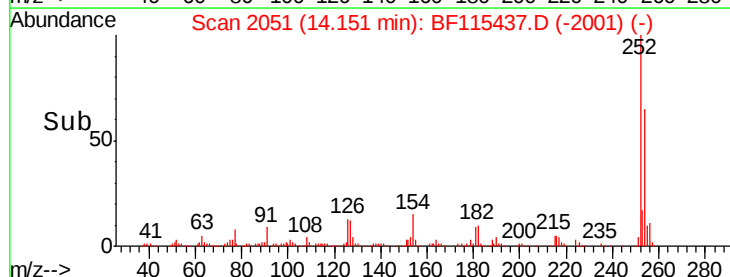
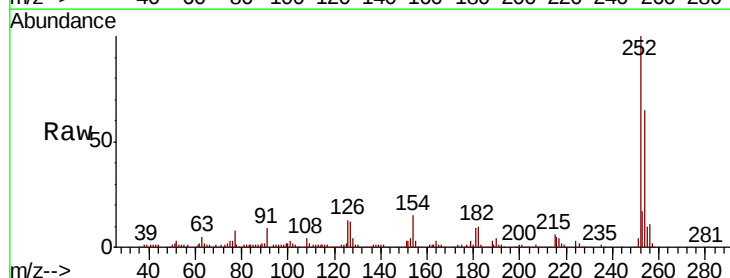
Tgt Ion:252 Resp: 269485

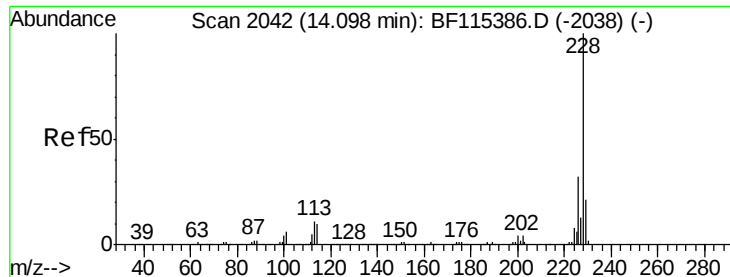
Ion Ratio Lower Upper

252 100

254 65.4 53.0 79.4

126 13.0 9.8 14.6





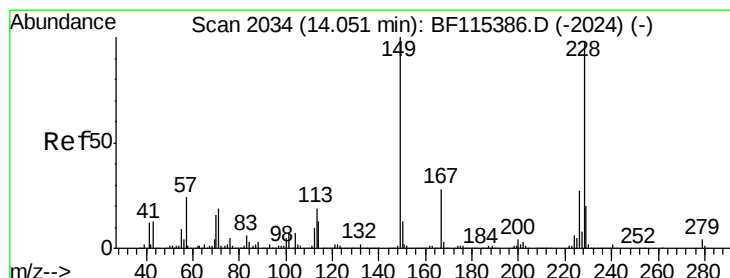
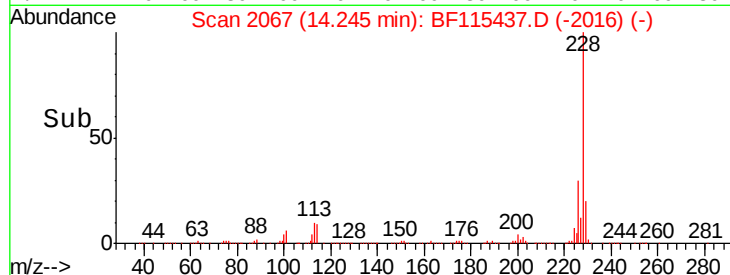
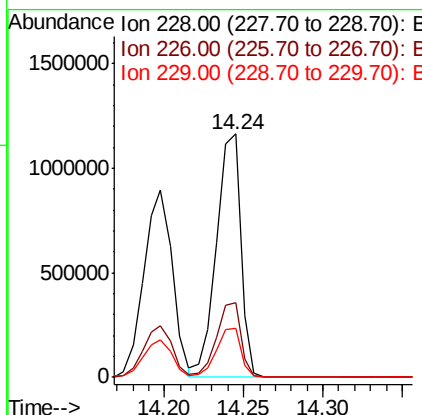
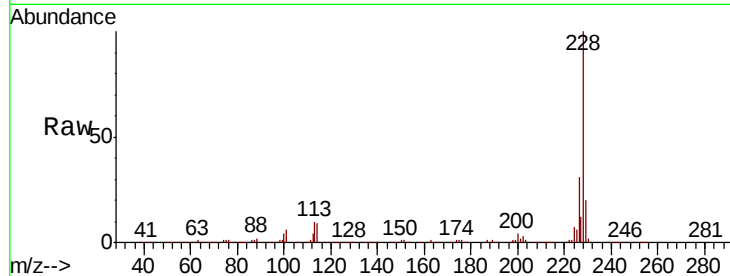
#83
 Chrvsene
 Concen: 44.877 ng
 RT: 14.24 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Instrument :
 BNA_F
 ClientSampleId :
 72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.4
229	20.1	16.2	24.4

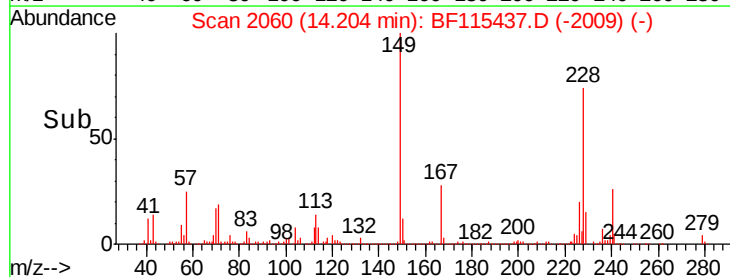
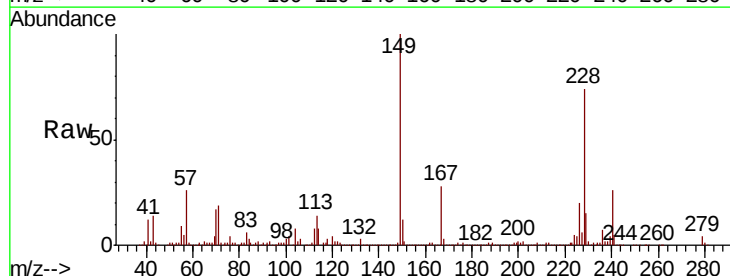
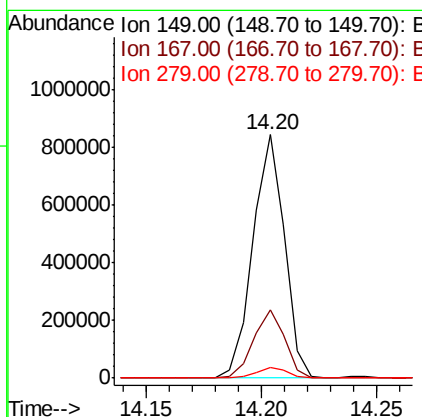
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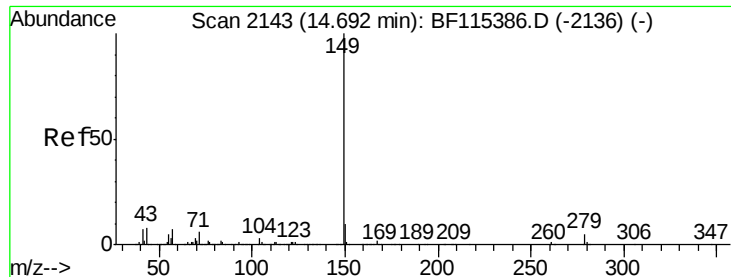
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.354 ng
 RT: 14.20 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BF115437.D
 Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.5	32.3
279	4.3	3.0	4.4





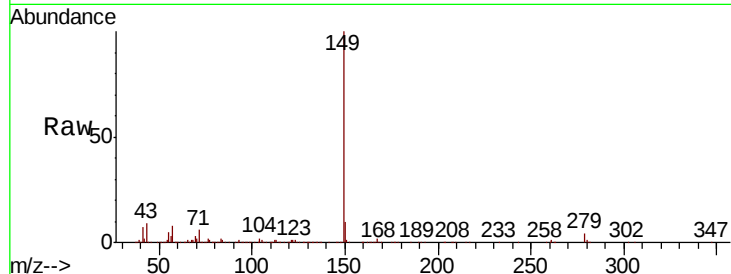
#85
Di-n-octyl phthalate
Concen: 43.876 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

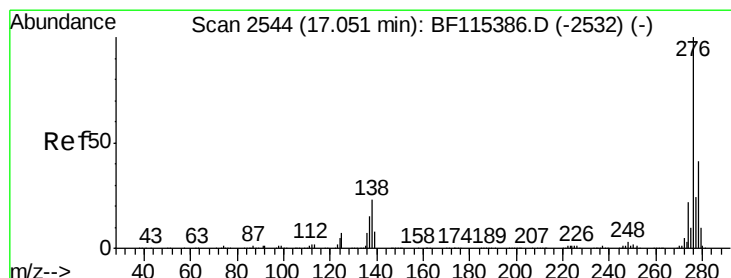
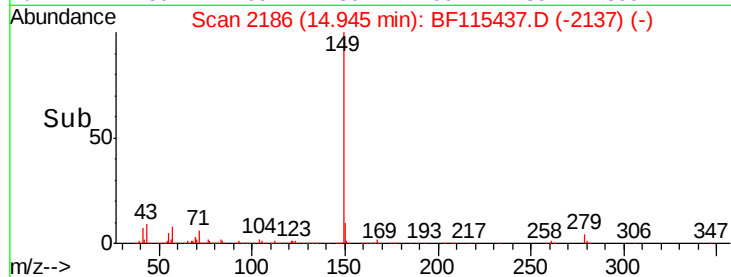
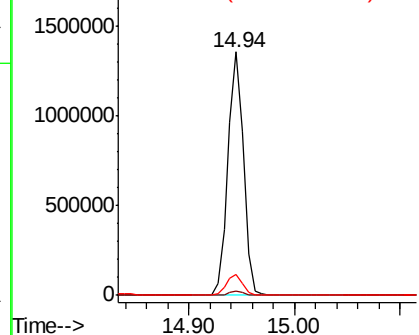
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.5	7.0	10.6

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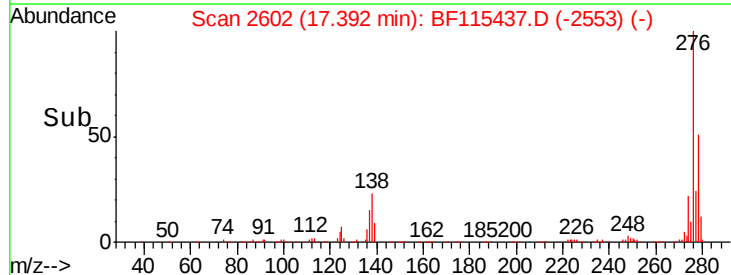
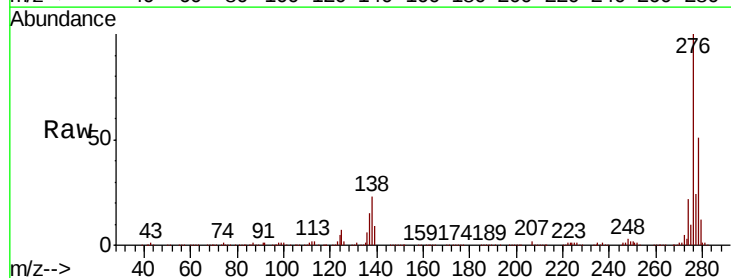
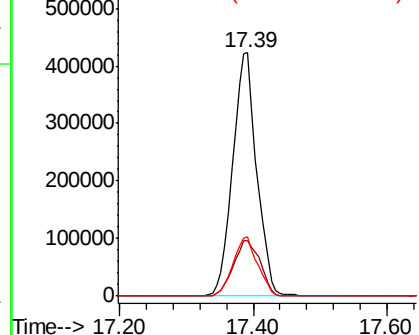
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

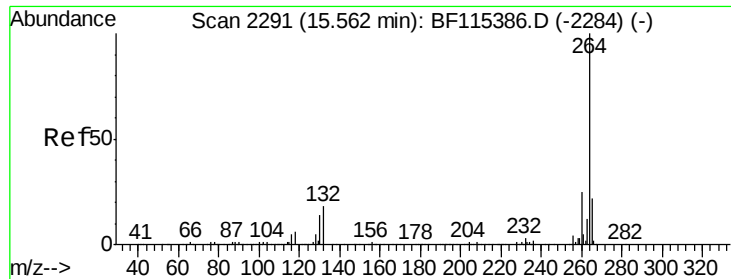


#86
Indeno(1,2,3-cd)pyrene
Concen: 47.108 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.8	31.2
277	25.1	20.2	30.4

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.86 min Scan# 2342

Delta R.T. -0.02 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Instrument :

BNA_F

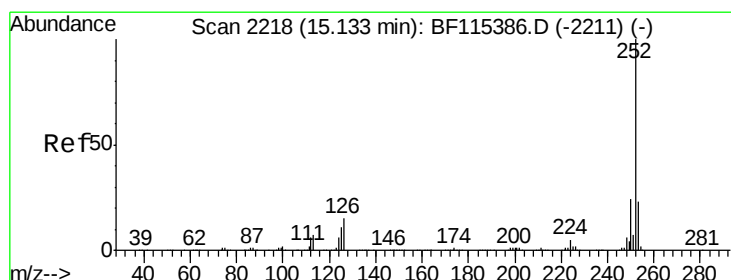
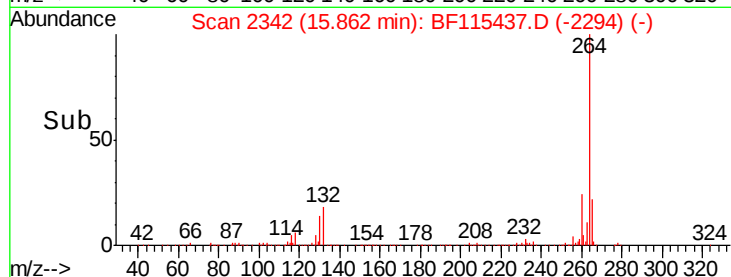
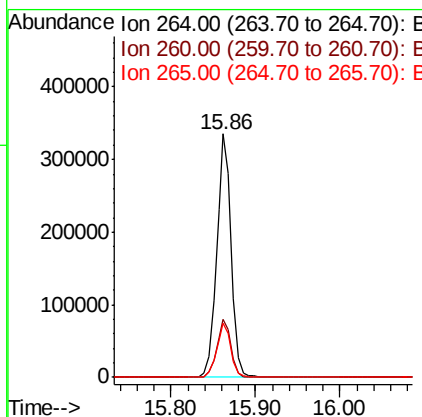
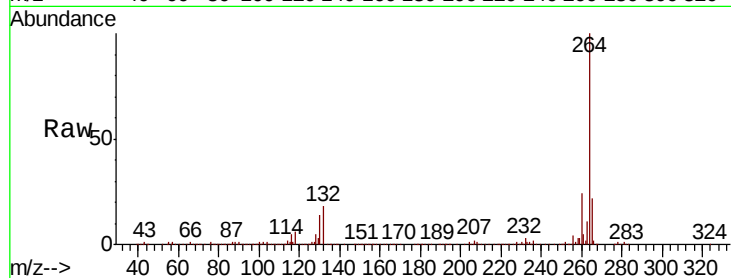
ClientSampleId :

72-12017-VNJ-206MS

Tot Ion:	264	Resp:	402109
Ion Ratio		Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.2	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 38.243 ng

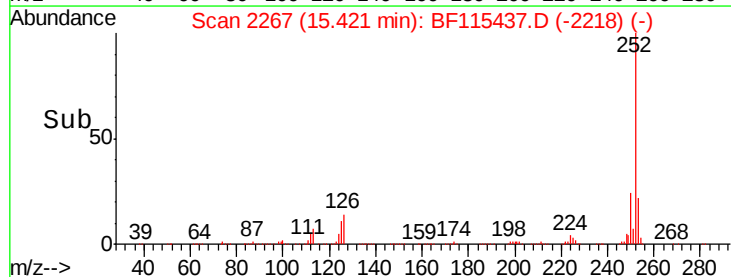
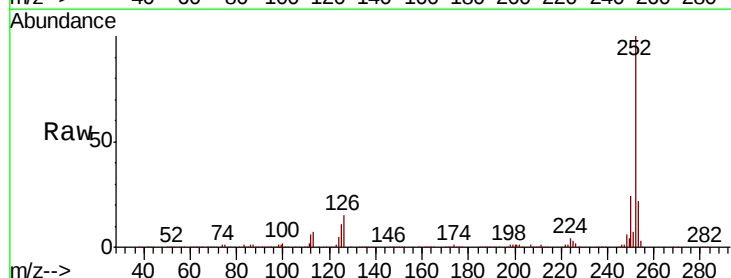
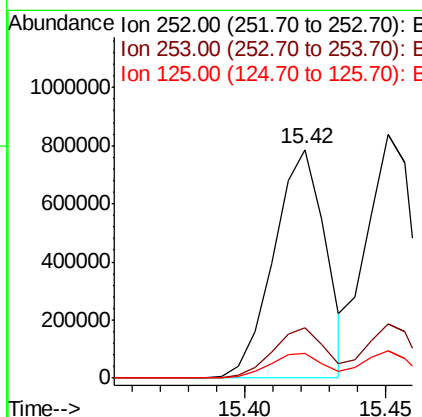
RT: 15.42 min Scan# 2267

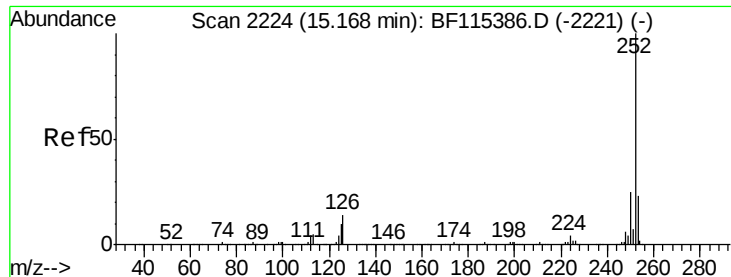
Delta R.T. -0.01 min

Lab File: BF115437.D

Acq: 9 Jul 2019 16:43

Tgt Ion:	252	Resp:	1001223
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.8	9.0	13.6





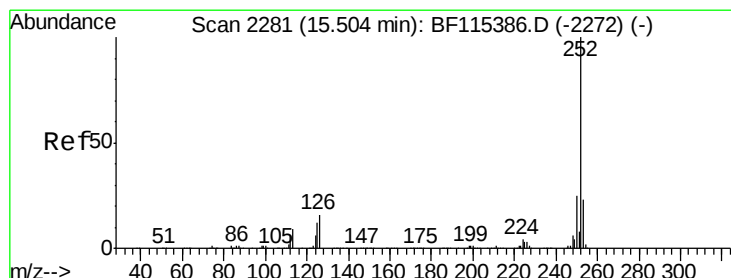
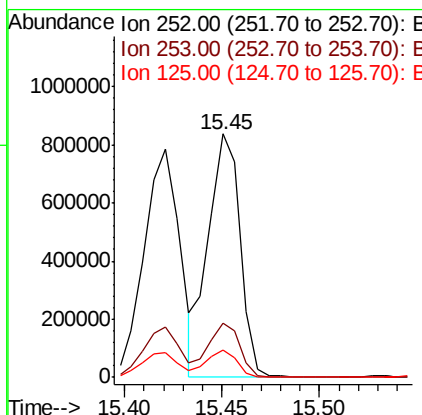
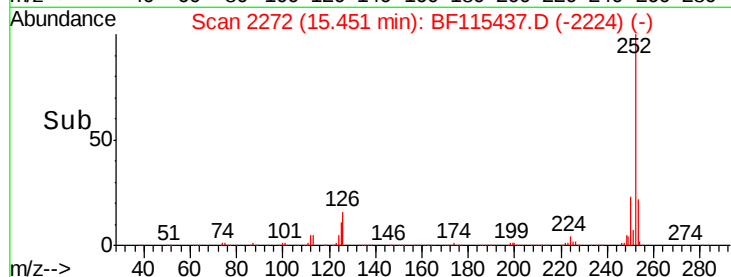
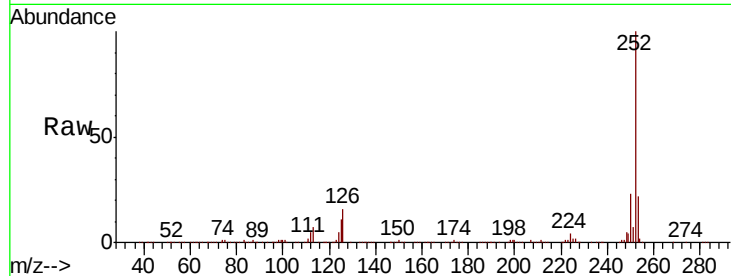
#89
Benzo(k)fluoranthene
Concen: 40.696 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	11.1	9.0	13.6

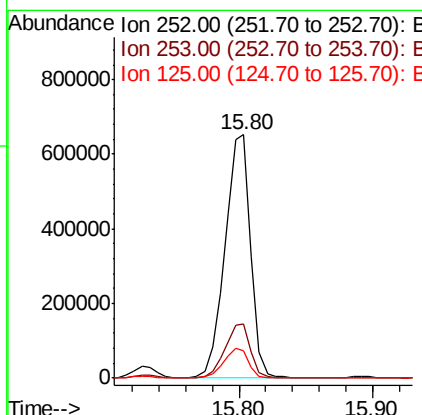
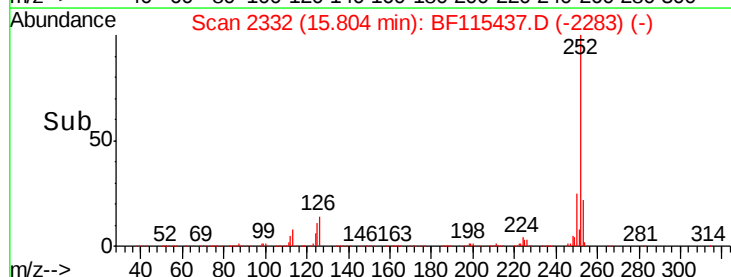
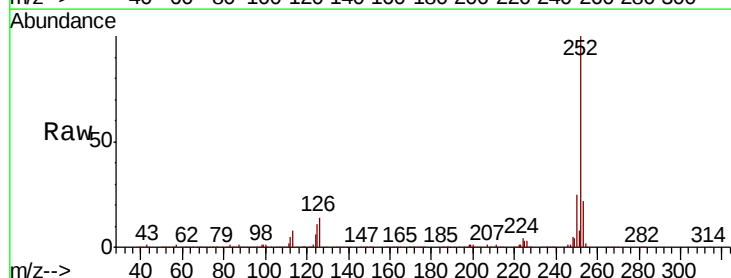
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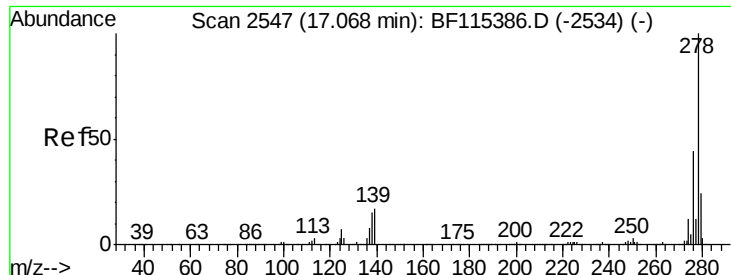
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#90
Benzo(a)pyrene
Concen: 38.934 ng
RT: 15.80 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.2	10.0	15.0





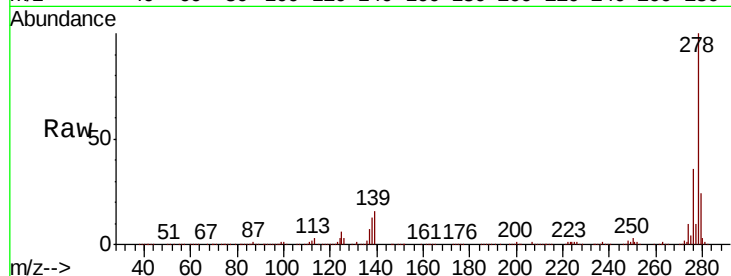
#91
Dibenzo(a,h)anthracene
Concen: 45.368 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.02 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

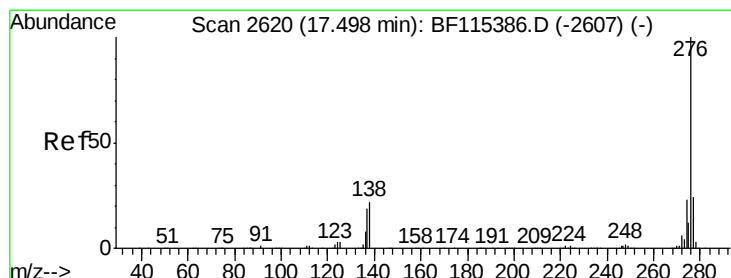
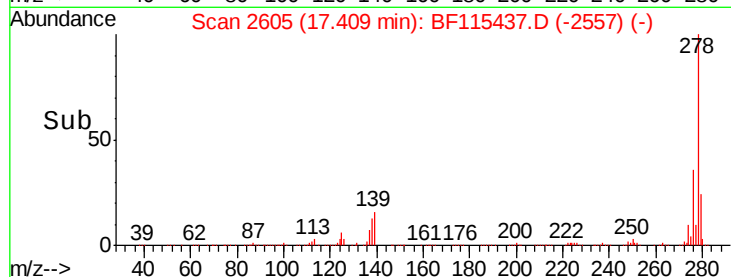
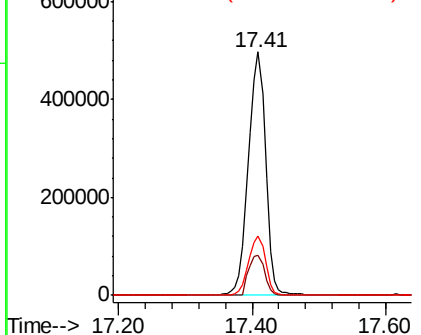
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.2	19.8
279	24.3	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/10/2019 6:16:48 PM

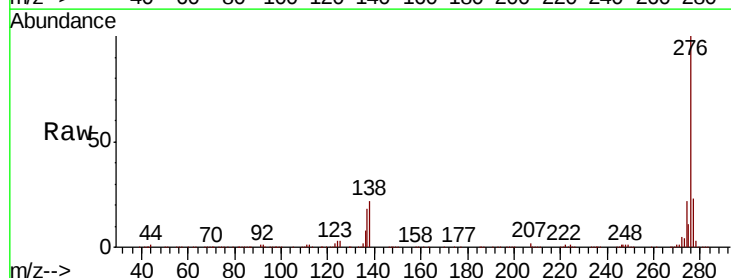


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.637 ng
RT: 17.84 min Scan# 2679
Delta R.T. -0.01 min
Lab File: BF115437.D
Acq: 9 Jul 2019 16:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	21.6	17.8	26.8



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

