

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
 Data File : BF117379.D
 Acq On : 12 Oct 2019 20:10
 Operator : JU
 Sample : K5145-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919MSD

Manual Integrations
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mohammad
 10/16/2019 8:05:55 AM

Quant Time: Oct 14 02:37:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	48569	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	196770	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	101083	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	173763	20.00	ng	0.00
76) Chrysene-d12	13.97	240	139240	20.00	ng	0.00
87) Perylene-d12	15.42	264	132057	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	360997	116.04	ng	0.01
7) Phenol-d6	6.45	99	472520	117.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	300156	80.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	110493	130.79	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	562646	87.03	ng	-0.01
79) Terphenyl-d14	12.90	244	620022	83.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	45172	34.701	ng	# 85
3) Pyridine	3.43	79	102446m	28.752	ng	
4) n-Nitrosodimethylamine	3.32	42	48854	39.954	ng	# 97
6) Aniline	6.47	93	30014	5.798	ng	# 7
8) 2-Chlorophenol	6.59	128	135839	40.476	ng	98
9) Benzaldehyde	6.35	77	67322	31.509	ng	97
10) Phenol	6.46	94	159904	36.078	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	126948	38.971	ng	100
12) 1,3-Dichlorobenzene	6.73	146	132704	35.238	ng	99
13) 1,4-Dichlorobenzene	6.81	146	137753	35.843	ng	100
14) 1,2-Dichlorobenzene	6.96	146	130771	36.547	ng	98
15) Benzyl Alcohol	6.95	79	122520	39.740	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	127278	39.548	ng	# 42
17) 2-Methylphenol	7.06	107	111254	39.554	ng	# 83
18) Hexachloroethane	7.30	117	51537	34.858	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	99639	40.700	ng	96
20) 3+4-Methylphenols	7.22	107	146518	41.821	ng	# 55
22) Acetophenone	7.20	105	200845	40.174	ng	# 94
24) Nitrobenzene	7.38	77	152792	41.314	ng	95
25) Isophorone	7.62	82	274689	41.426	ng	100
26) 2-Nitrophenol	7.70	139	71550	45.041	ng	97
27) 2,4-Dimethylphenol	7.74	122	118060	46.865	ng	95
28) bis(2-Chloroethoxy)methane	7.82	93	165321	40.467	ng	99
29) 2,4-Dichlorophenol	7.95	162	112343	42.561	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	108118	37.913	ng	98
31) Naphthalene	8.10	128	398751	42.136	ng	98
32) Benzoic acid	7.89	122	54438	31.282	ng	97
33) 4-Chloroaniline	8.17	127	10487	2.498	ng	95
34) Hexachlorobutadiene	8.22	225	59706	36.903	ng	98
35) Caprolactam	8.53	113	35248m	39.452	ng	
36) 4-Chloro-3-methylphenol	8.65	107	134629	43.742	ng	97
37) 2-Methylnaphthalene	8.79	142	268806	42.182	ng	96
38) 1-Methylnaphthalene	8.89	142	251190	42.086	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	102690	39.341	ng	99

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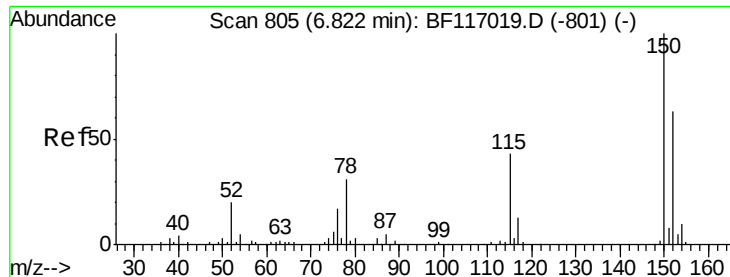
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	54618	50.542	ng	98
43) 2,4,6-Trichlorophenol	9.08	196	74898	42.282	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	76782	40.570	ng	94
46) 1,1'-Biphenyl	9.25	154	327376	41.289	ng	99
47) 2-Chloronaphthalene	9.28	162	252640	40.373	ng	99
48) 2-Nitroaniline	9.39	65	81921	40.815	ng	99
49) Acenaphthylene	9.69	152	396545	42.301	ng	99
50) Dimethylphthalate	9.55	163	300976	42.052	ng	99
51) 2,6-Dinitrotoluene	9.62	165	67784	46.501	ng	# 90
52) Acenaphthene	9.87	154	236646	42.586	ng	98
53) 3-Nitroaniline	9.80	138	21975	11.948	ng	94
54) 2,4-Dinitrophenol	9.92	184	59437	92.778	ng	96
55) Dibenzofuran	10.04	168	353881	43.162	ng	99
56) 4-Nitrophenol	9.98	139	80144	67.236	ng	93
57) 2,4-Dinitrotoluene	10.04	165	89845	47.483	ng	# 87
58) Fluorene	10.38	166	291670	44.163	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	62473	43.136	ng	96
60) Diethylphthalate	10.25	149	306301	43.500	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	128245	44.880	ng	98
62) 4-Nitroaniline	10.42	138	68496	35.812	ng	96
63) Azobenzene	10.53	77	319304	44.399	ng	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	38488	48.524	ng	92
66) n-Nitrosodiphenylamine	10.49	169	259619	43.262	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	73022	41.150	ng	98
68) Hexachlorobenzene	10.94	284	76436	39.381	ng	96
69) Atrazine	11.02	200	71789	49.340	ng	98
70) Pentachlorophenol	11.14	266	72071	79.216	ng	98
71) Phenanthrene	11.35	178	424704	43.031	ng	99
72) Anthracene	11.40	178	440349	43.702	ng	98
73) Carbazole	11.56	167	415443	43.437	ng	100
74) Di-n-butylphthalate	11.87	149	519650	45.666	ng	99
75) Fluoranthene	12.53	202	450493	44.423	ng	100
77) Benzidine	12.66	184	27316	6.090	ng	97
78) Pyrene	12.77	202	464808	39.784	ng	98
80) Butylbenzylphthalate	13.37	149	232469	42.110	ng	93
81) Benzo(a)anthracene	13.96	228	378261	40.661	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	25791	8.603	ng	# 96
83) Chrysene	13.99	228	379890	41.869	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	337860	47.466	ng	99
85) Di-n-octyl phthalate	14.54	149	561604	50.129	ng	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	301667	45.573	ng	98
88) Benzo(b)fluoranthene	15.00	252	332757	41.599	ng	100
89) Benzo(k)fluoranthene	15.03	252	316254	41.736	ng	99
90) Benzo(a)pyrene	15.36	252	301849	43.002	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	258182	46.171	ng	98
92) Benzo(g,h,i)perylene	17.32	276	247012	44.329	ng	99

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



#1

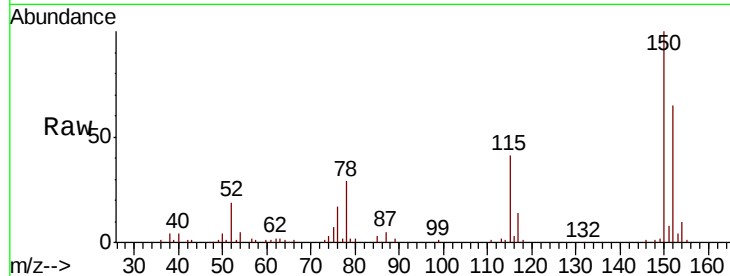
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
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HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	127.5	191.3
115	62.0	55.0	82.4

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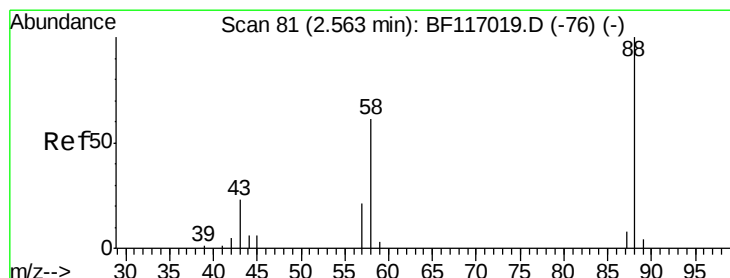
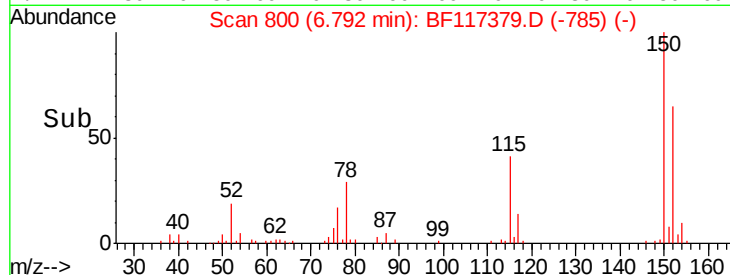
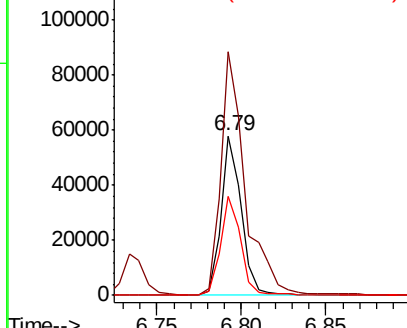


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

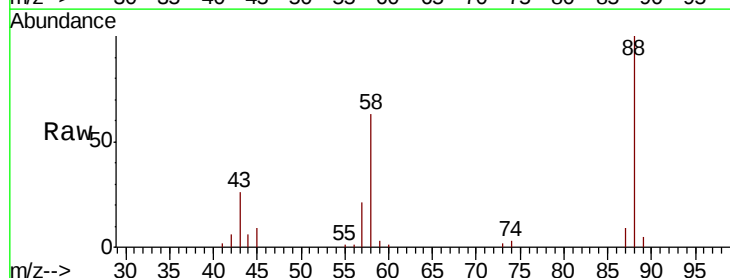
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.701 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.17 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.8	49.3	73.9
43	0.0	18.8	28.2

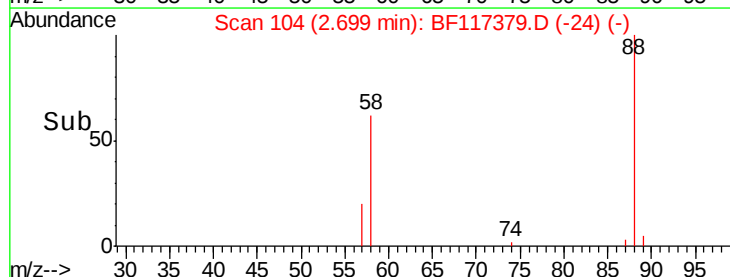
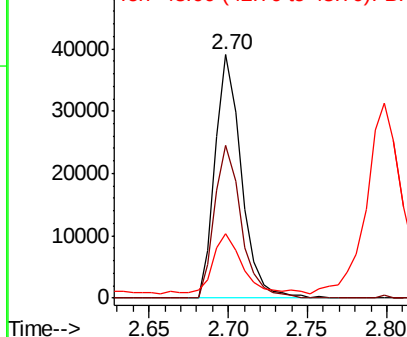


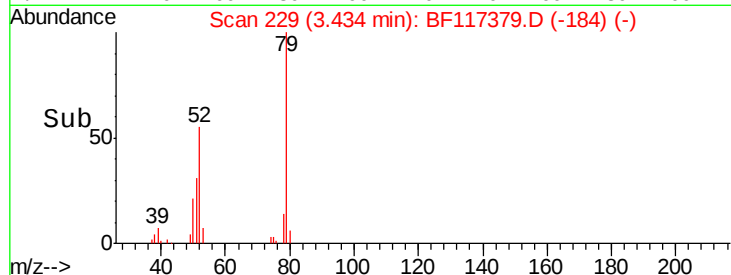
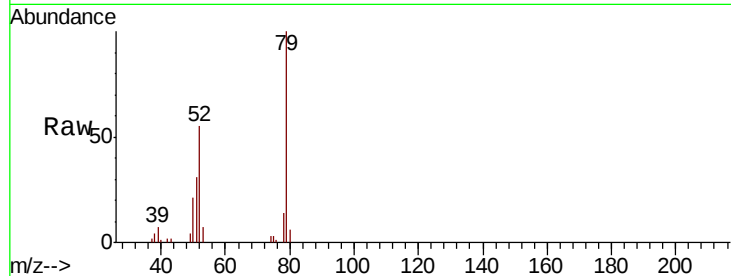
Abundance

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





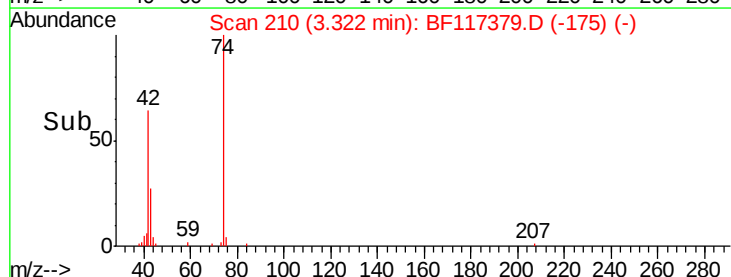
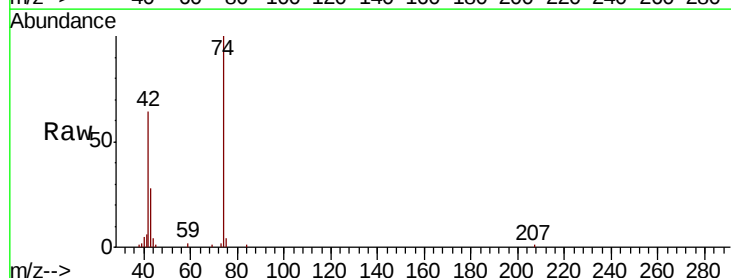
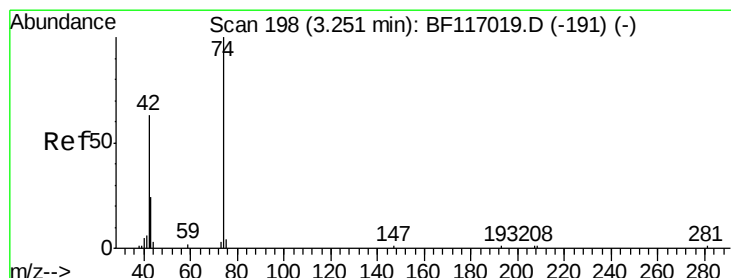
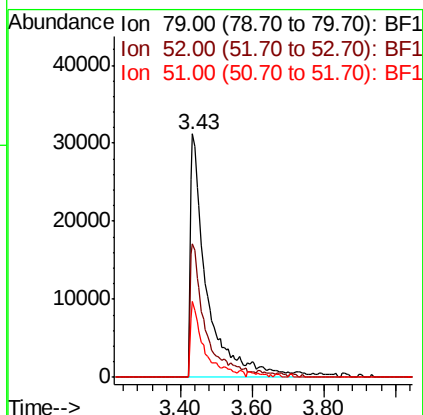
#3
 Pvridine
 Concen: 28.752 ng/ml
 RT: 3.43 min Scan# 229
 Delta R.T. 0.16 min
 Lab File: BF117379.D
 Acq: 12 Oct 2019 20:10

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	55.0	43.5	65.3
51	51	31.3	21.8	32.6

Instrument :
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 ClientSampleId :
 HD-01-100919MSD

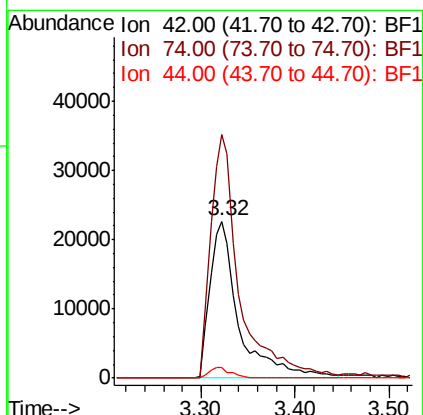
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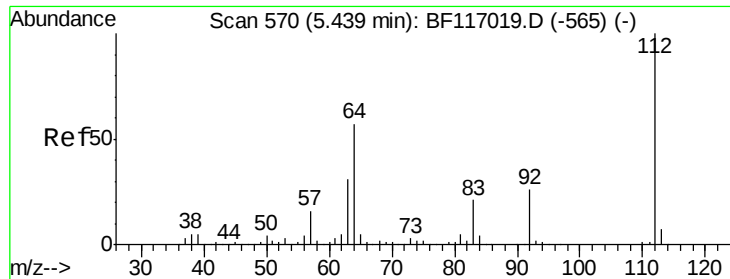
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#4
 n-Nitrosodimethylamine
 Concen: 39.954 ng/ml
 RT: 3.32 min Scan# 210
 Delta R.T. 0.11 min
 Lab File: BF117379.D
 Acq: 12 Oct 2019 20:10

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	155.2	127.1	190.7
44	44	6.5	4.3	6.5#





#5

2-Fluorophenol

Concen: 116.042 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF117379.D

Acq: 12 Oct 2019 20:10

Instrument :

BNA_F

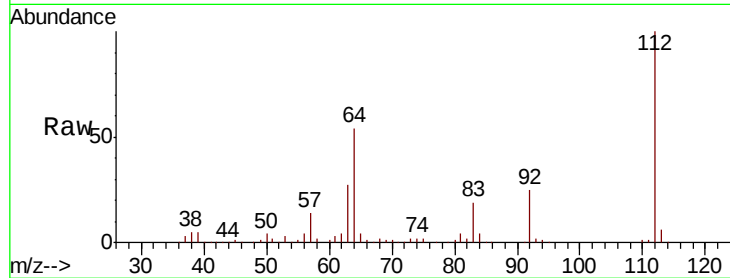
ClientSampleId :

HD-01-100919MSD

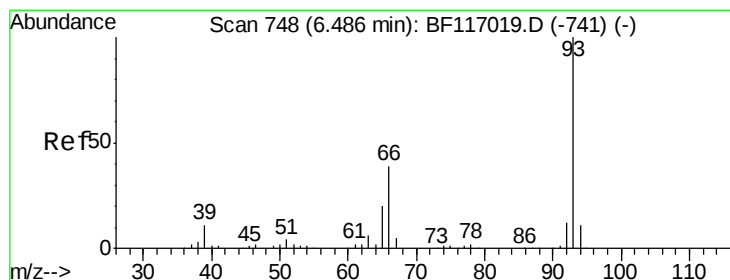
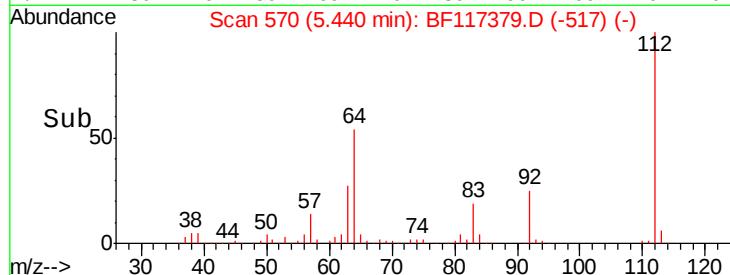
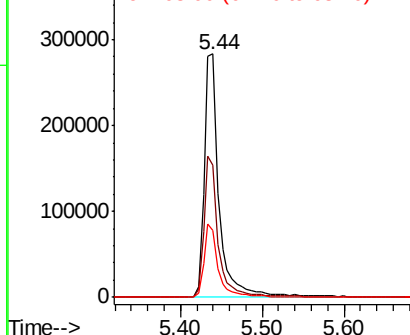
Tot Ion:	112	Resp:	360997
Ion Ratio	Lower	Upper	
112	100		
64	54.2	45.7	68.5
63	27.4	24.9	37.3

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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: 5.798 ng

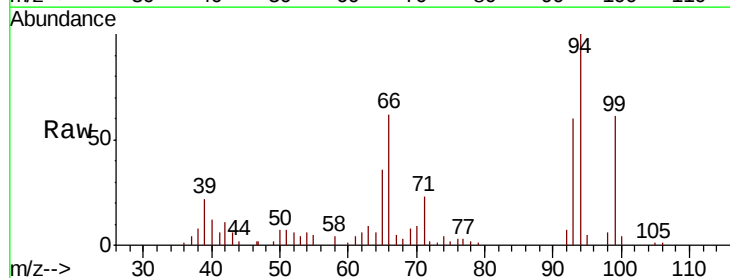
RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

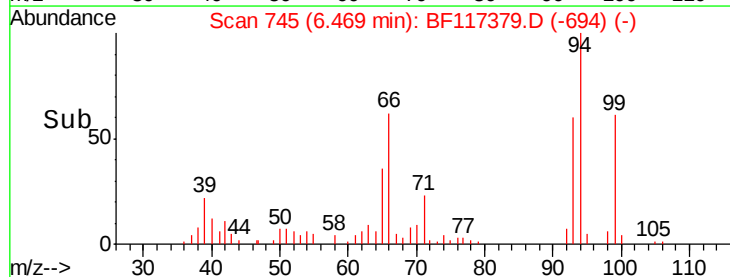
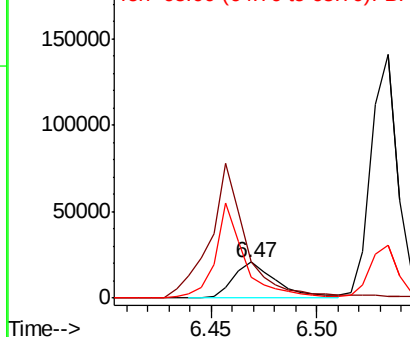
Lab File: BF117379.D

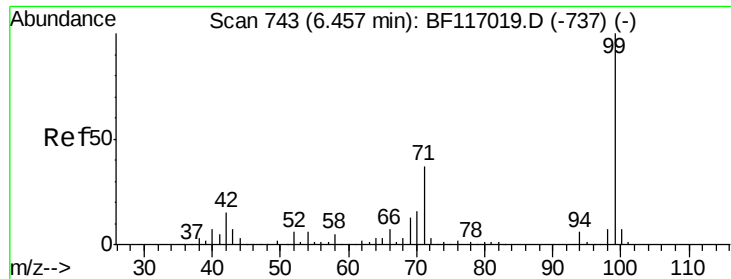
Acq: 12 Oct 2019 20:10

Tgt Ion:	93	Resp:	30014
Ion Ratio	Lower	Upper	
93	100		
66	102.1	32.6	49.0#
65	59.1	16.7	25.1#



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: 117.530 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117379.D

Acq: 12 Oct 2019 20:10

Instrument :

BNA_F

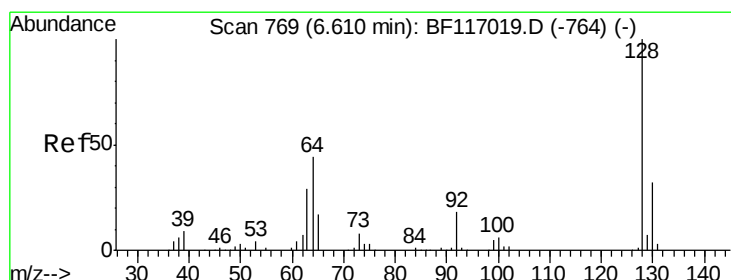
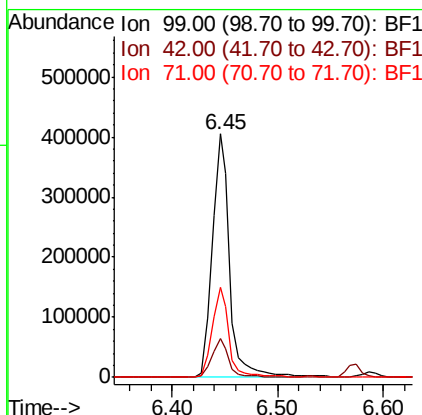
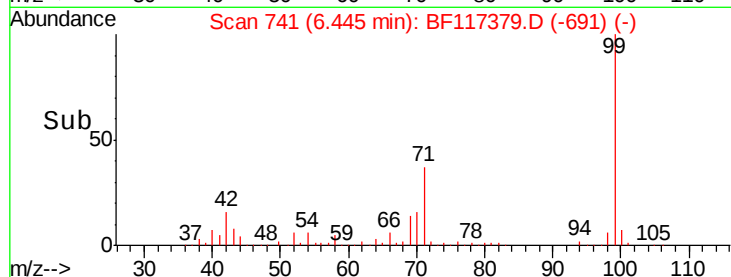
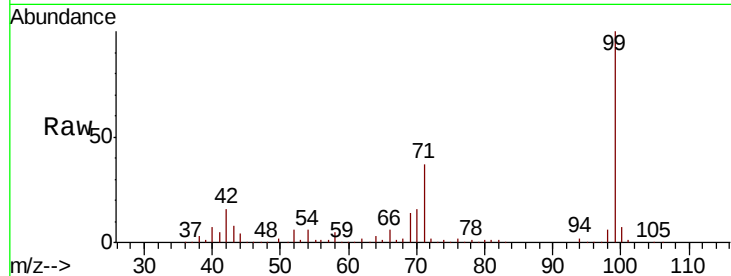
ClientSampleId :

HD-01-100919MSD

Tot Ion:	99	Resp:	472520
Ion Ratio	Lower	Upper	
99	100		
42	16.0	12.2	18.2
71	37.0	29.8	44.8

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#8

2-Chlorophenol

Concen: 40.476 ng

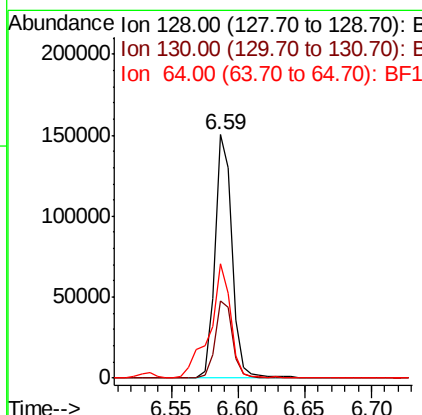
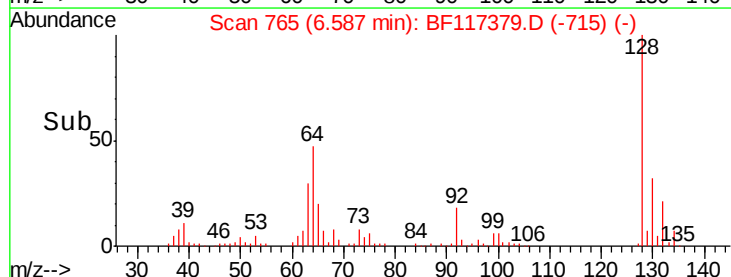
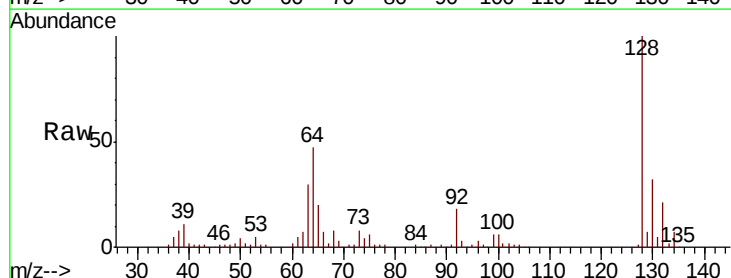
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF117379.D

Acq: 12 Oct 2019 20:10

Tgt Ion:	128	Resp:	135839
Ion Ratio	Lower	Upper	
128	100		
130	31.6	11.8	51.8
64	46.9	25.0	65.0





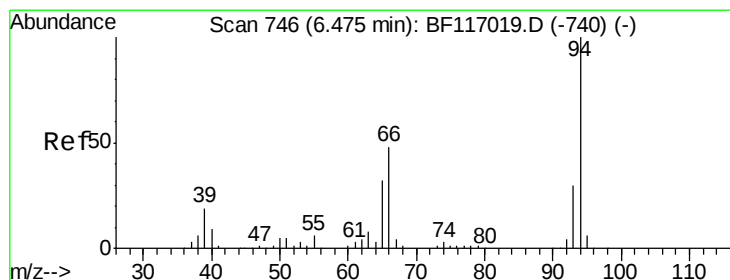
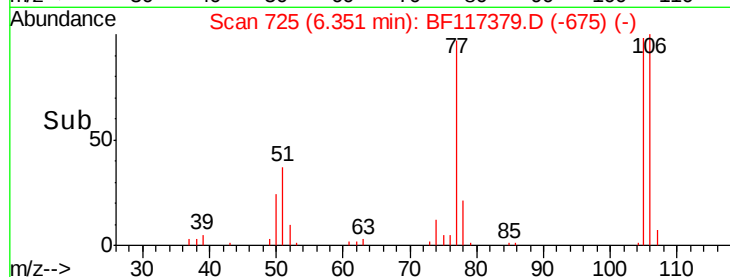
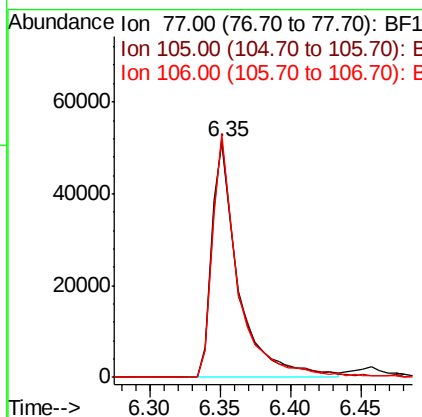
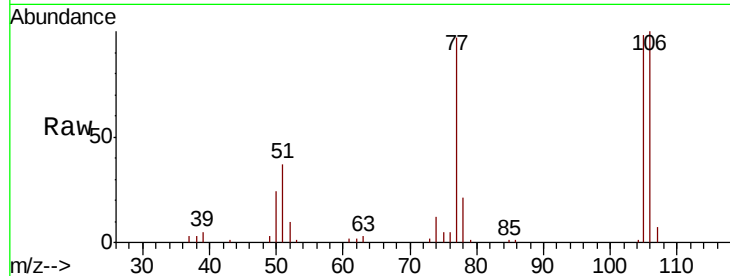
#9
Benzaldehyde
Concen: 31.509 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	101.3	81.8	121.8	
106	103.5	77.3	117.3	

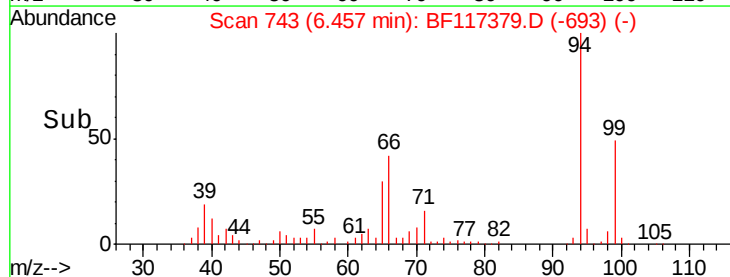
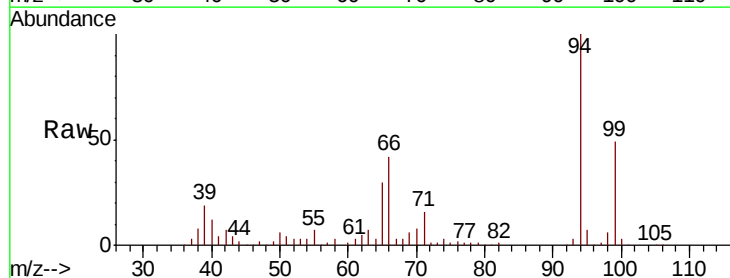
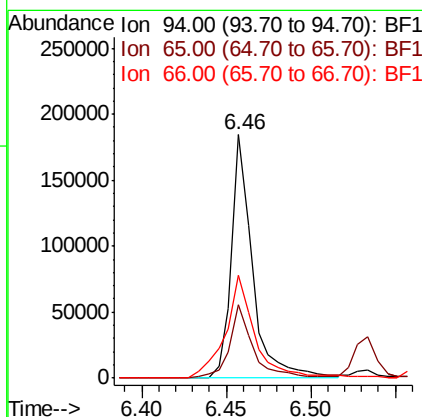
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#10
Phenol
Concen: 36.078 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	30.0	12.5	52.5	
66	42.5	28.9	68.9	





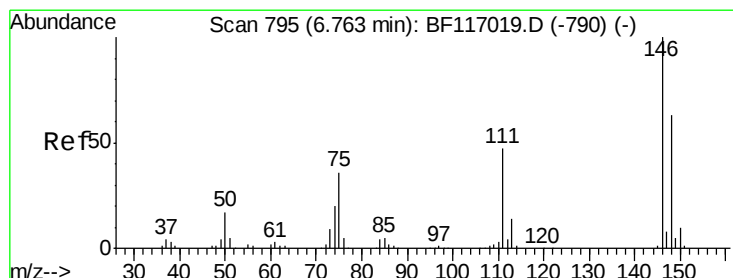
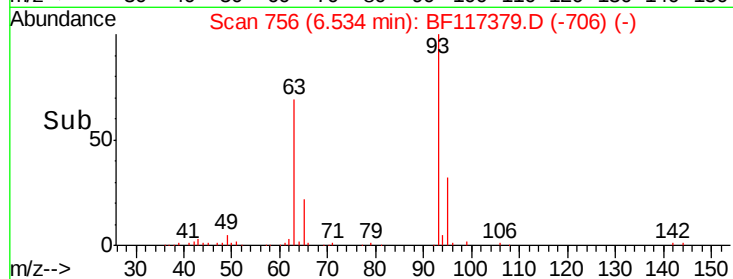
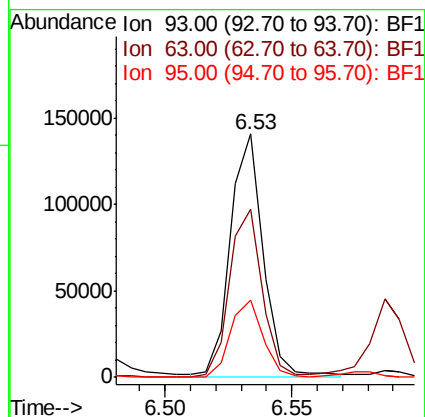
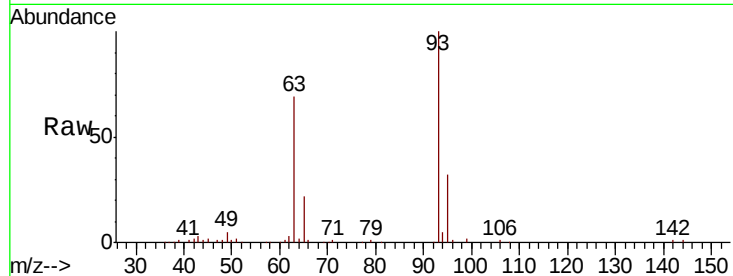
#11
bis(2-Chloroethyl)ether
Concen: 38.971 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	93	Resp	126948
Ion Ratio	Lower	Upper	
93	100		
63	69.1	49.3	89.3
95	31.7	11.5	51.5

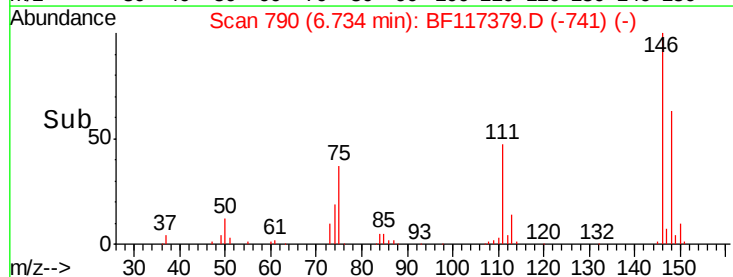
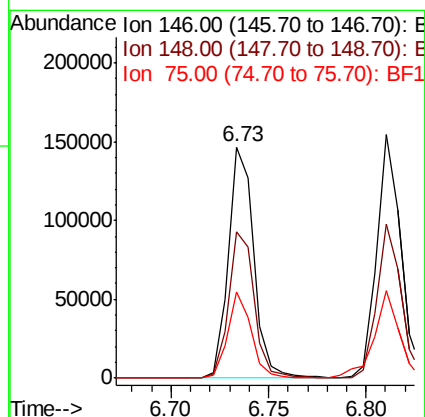
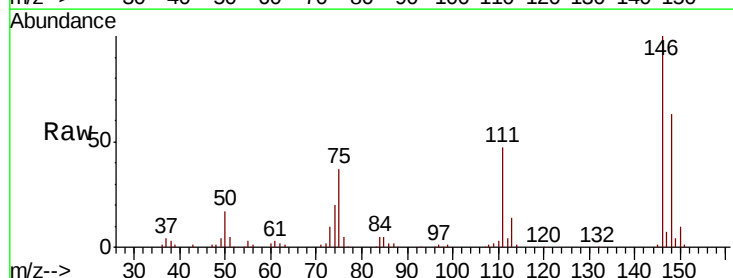
Manual Integrations
APPROVED

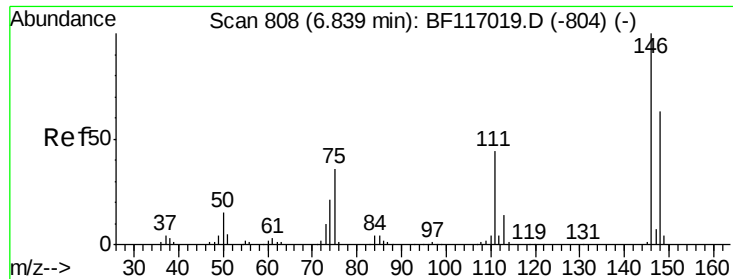
mohammad
10/16/2019 8:05:55 AM



#12
1,3-Dichlorobenzene
Concen: 35.238 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	146	Resp	132704
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.8	76.2
75	37.1	28.7	43.1





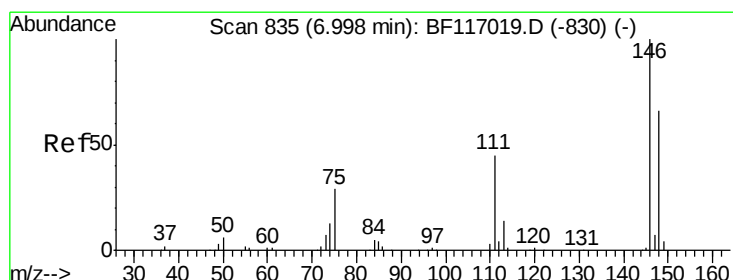
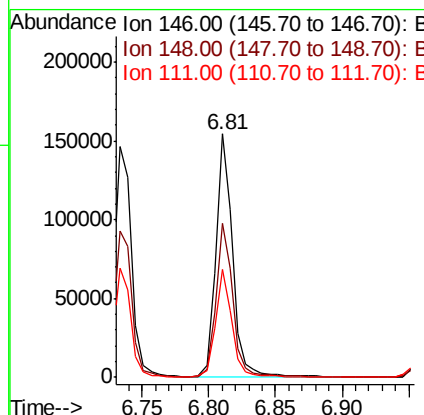
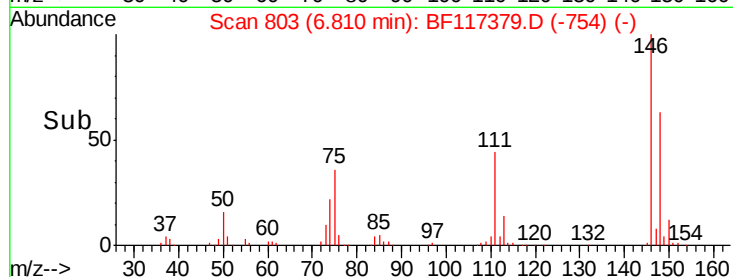
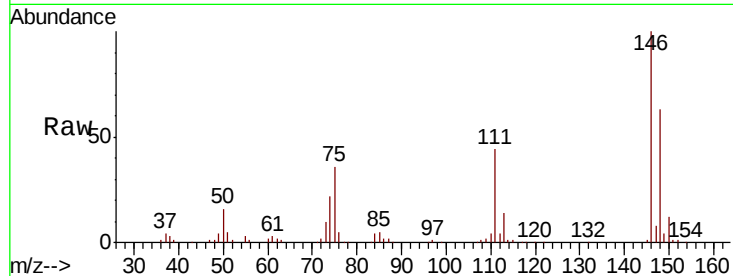
#13
1,4-Dichlorobenzene
Concen: 35.843 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	76.0
111	44.3	35.0	52.6

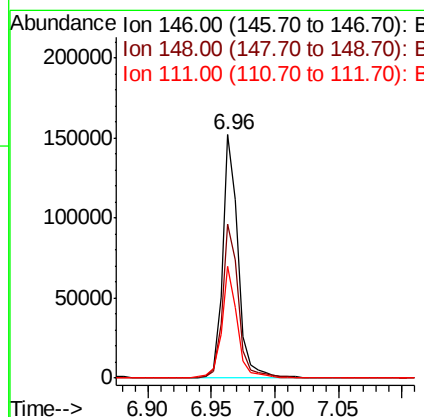
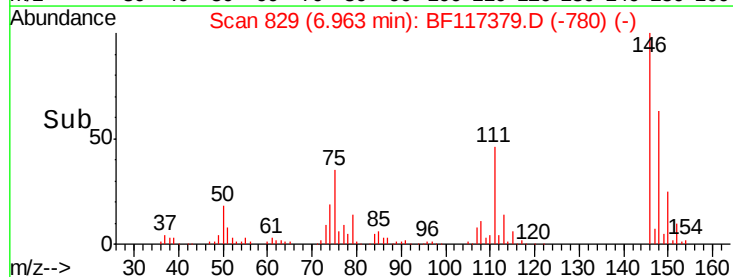
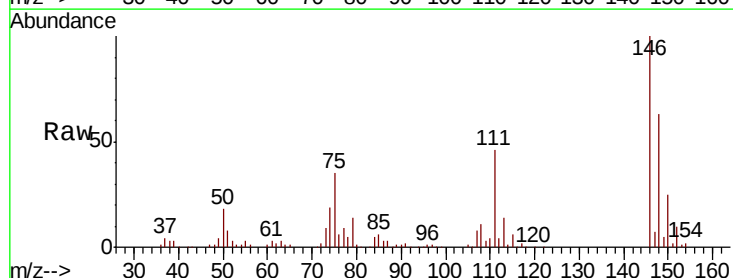
Manual Integrations
APPROVED

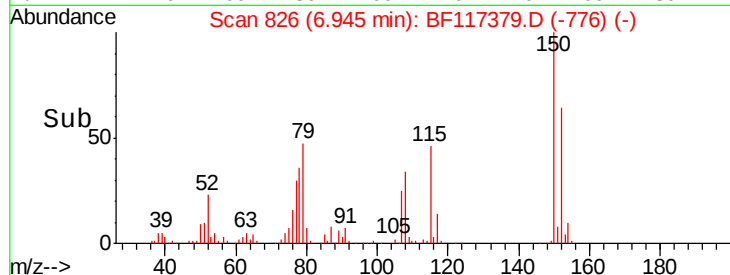
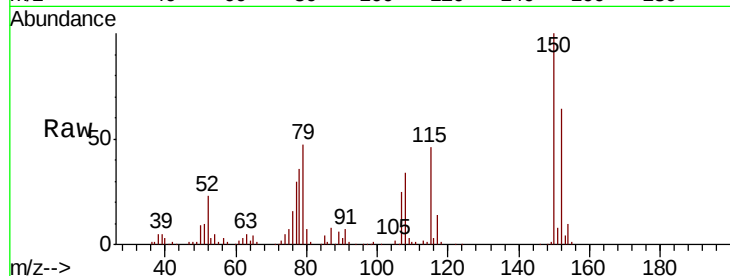
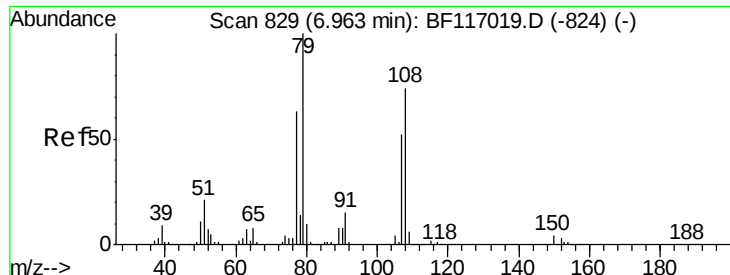
mohammad
10/16/2019 8:05:55 AM



#14
1,2-Dichlorobenzene
Concen: 36.547 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.6	78.8
111	46.1	36.2	54.2





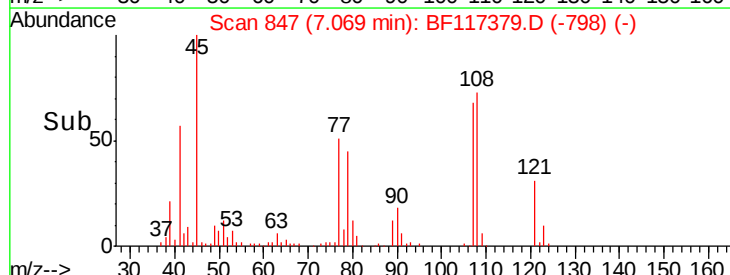
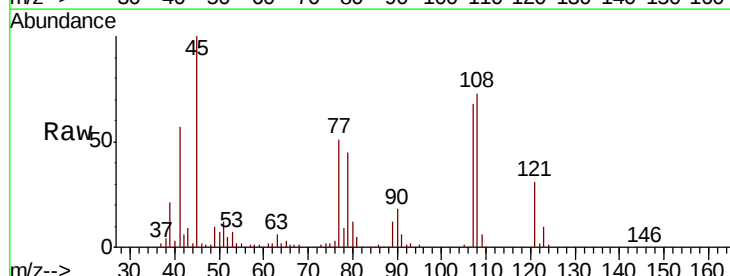
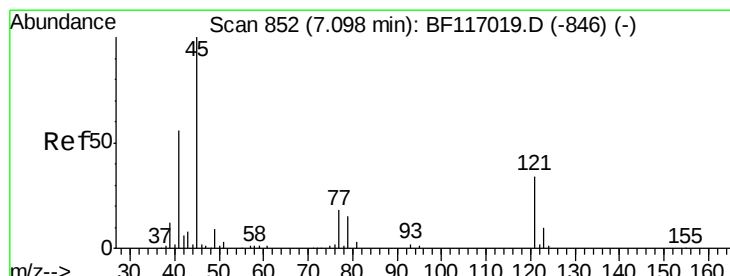
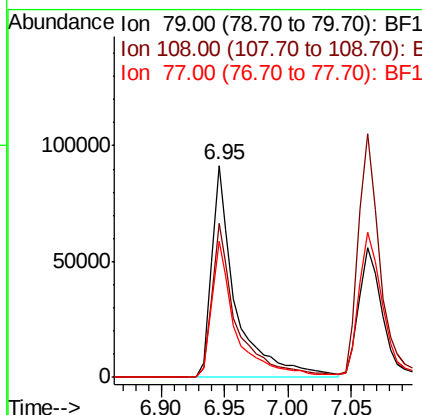
#15
Benzyl Alcohol
Concen: 39.740 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.9	59.4	89.0
77	64.1	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

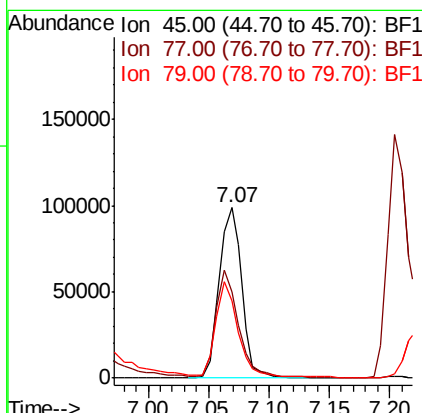
Manual Integrations
APPROVED

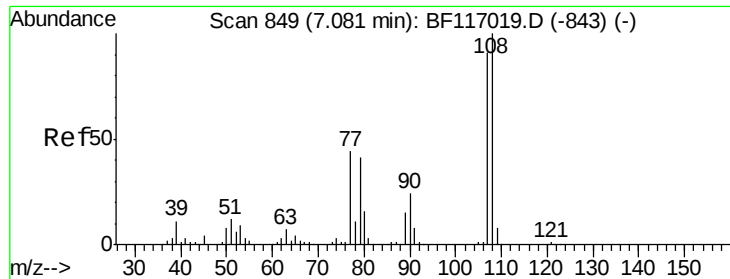
mohammad
10/16/2019 8:05:55 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.548 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	50.7	2.7	42.7#
79	45.4	0.0	38.9#





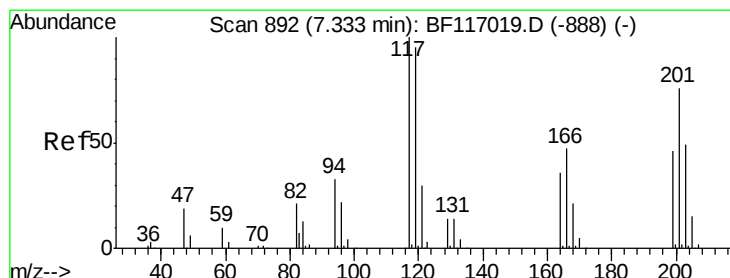
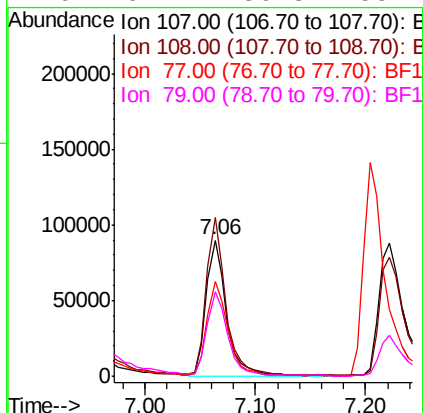
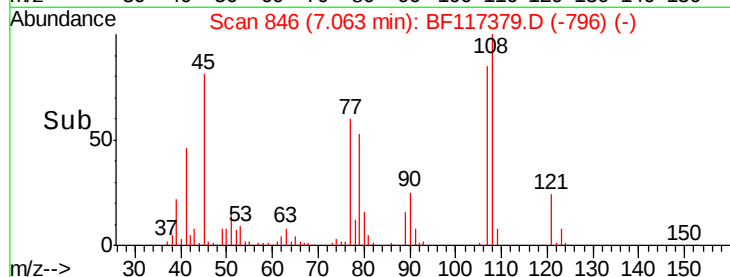
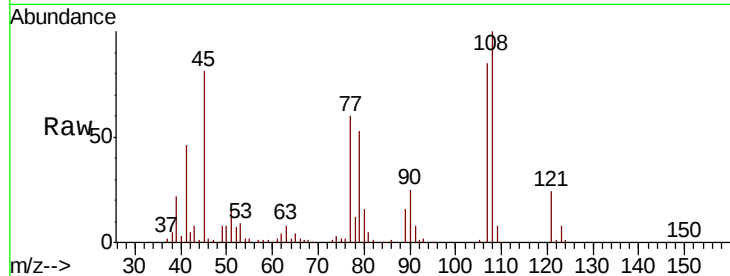
#17
2-Methylphenol
Concen: 39.554 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.0	87.7	131.5	
77	69.9	38.6	58.0#	
79	62.2	36.8	55.2#	

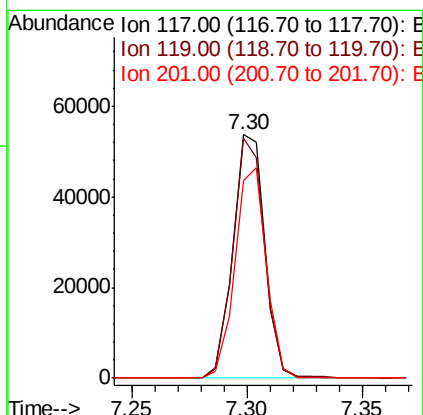
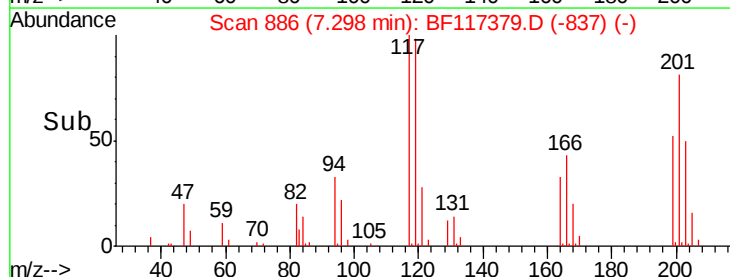
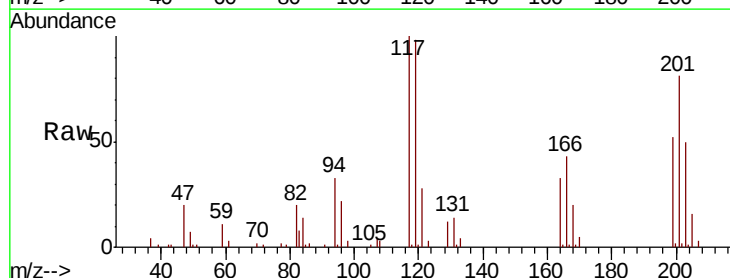
Manual Integrations
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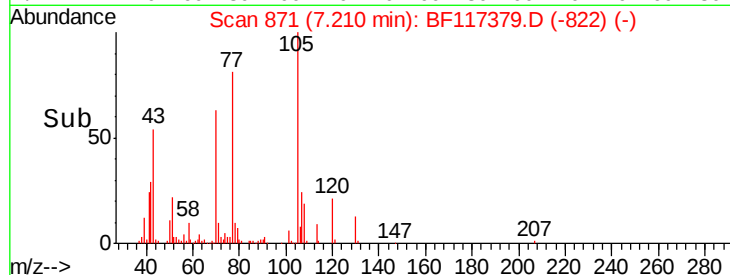
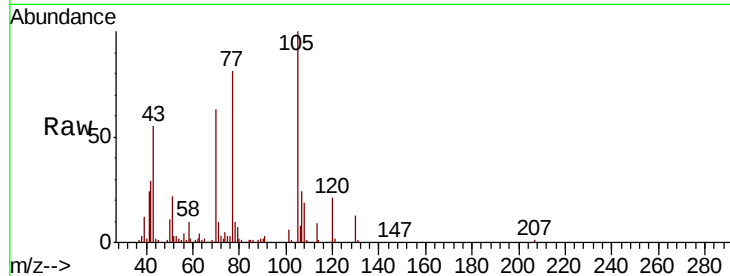
mohammad
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#18
Hexachloroethane
Concen: 34.858 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	75.8	113.8	
201	80.9	60.9	91.3	





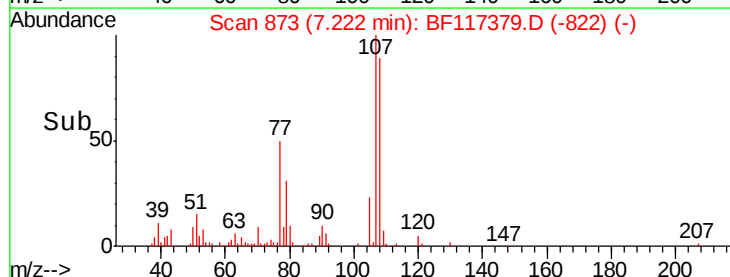
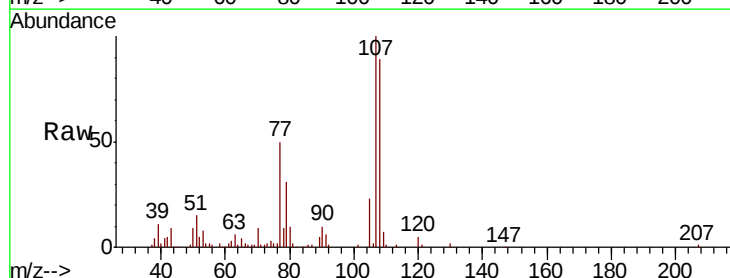
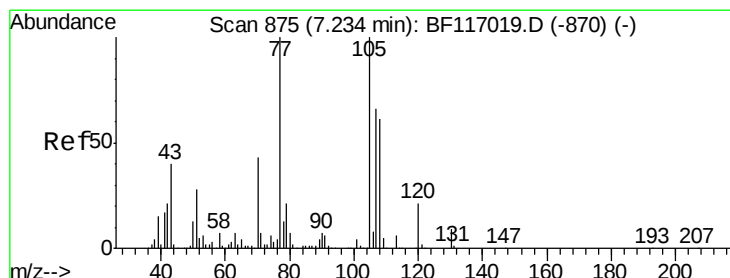
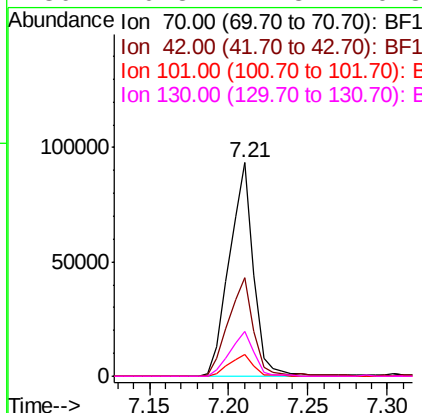
#19
n-Nitroso-di-n-propylamine
Concen: 40.700 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.0	34.0	51.0
101	10.2	7.8	11.6
130	20.8	17.8	26.8

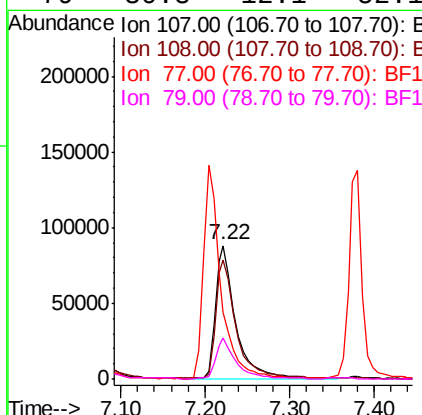
Manual Integrations
APPROVED

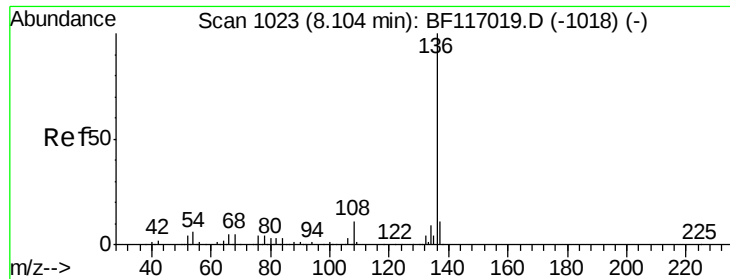
mohammad
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#20
3+4-Methylphenols
Concen: 41.821 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	72.6	112.6
77	50.0	132.1	172.1#
79	30.8	12.1	52.1





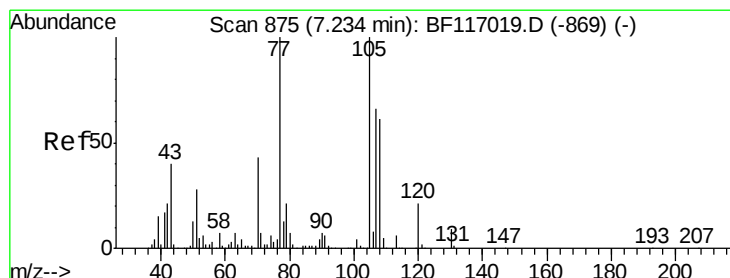
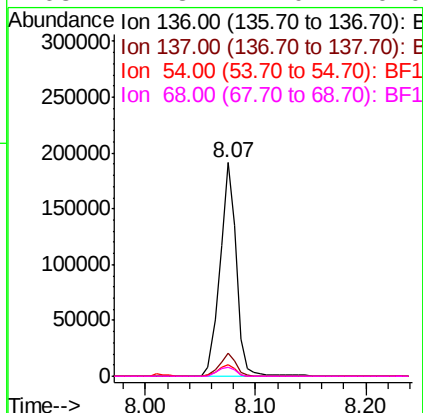
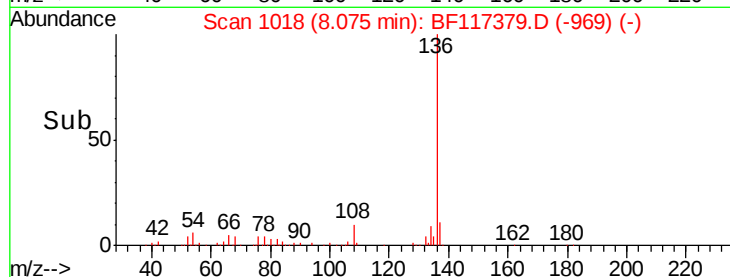
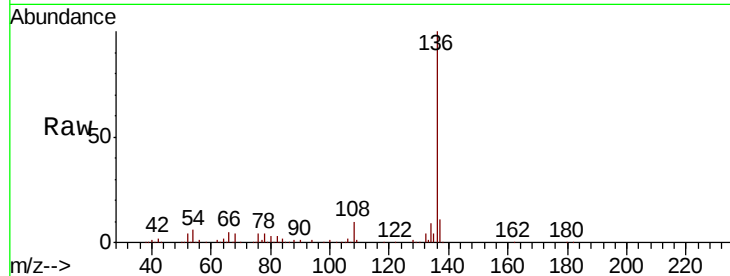
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		196770		
137	10.7		9.0	13.4	
54	5.7		4.5	6.7	
68	4.3		4.0	6.0	

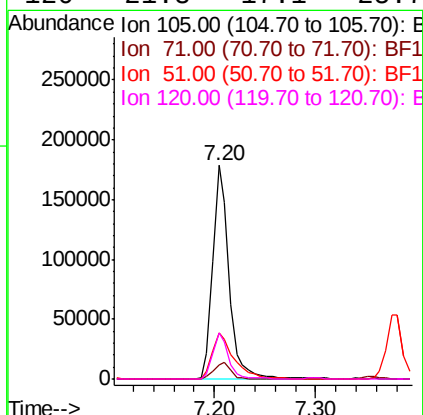
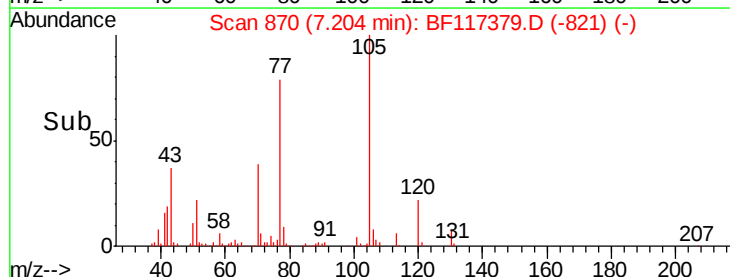
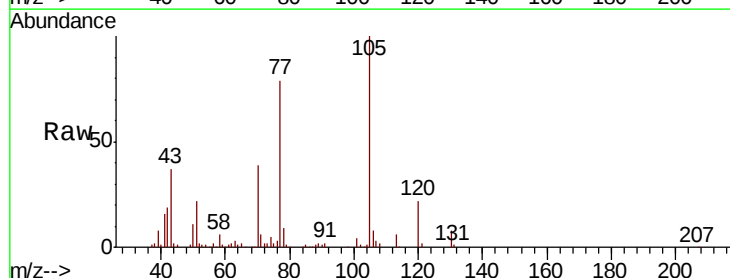
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#22
Acetophenone
Concen: 40.174 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		200845		
71	6.4		5.7	8.5	
51	21.8		22.1	33.1#	
120	21.8		17.1	25.7	





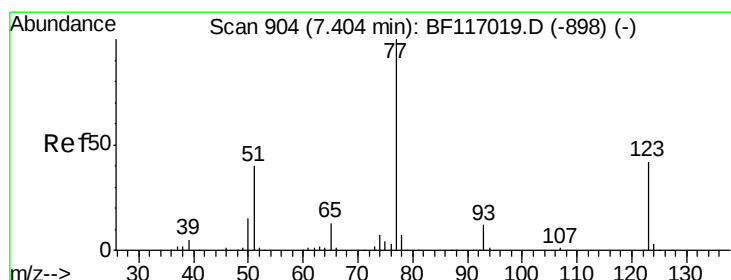
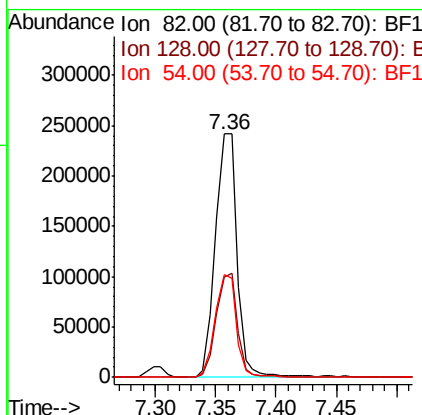
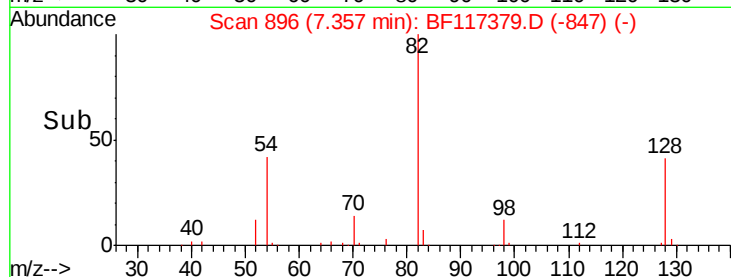
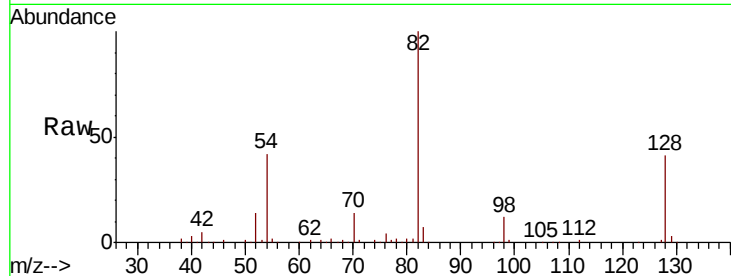
#23
Nitrobenzene-d5
Concen: 80.149 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	300156		
128	41.1		32.3	48.5
54	42.4		33.3	49.9

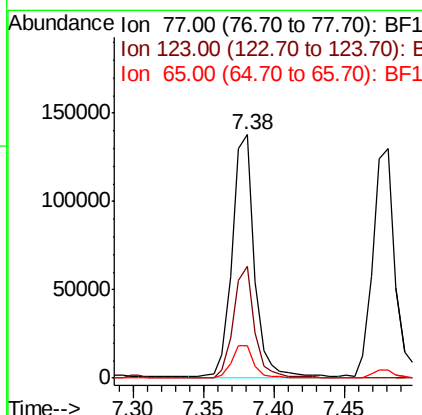
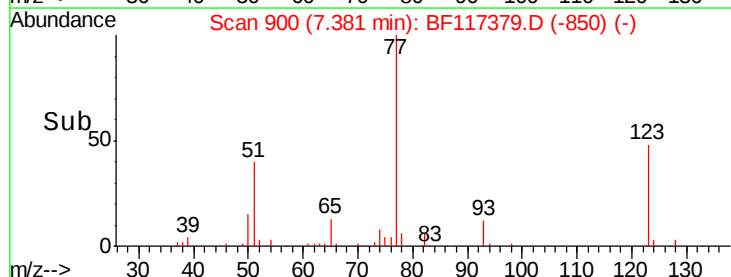
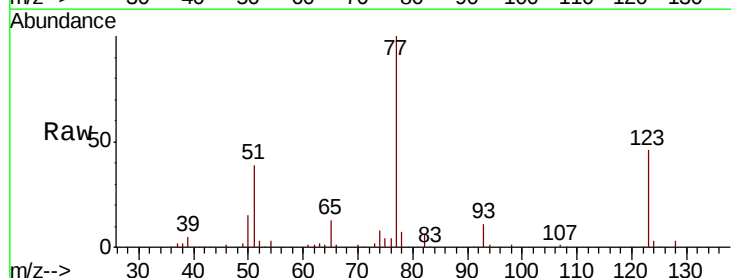
Manual Integrations
APPROVED

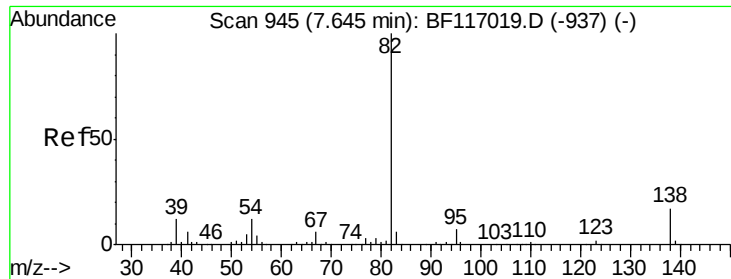
mohammad
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#24
Nitrobenzene
Concen: 41.314 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	152792		
123	46.2		33.5	50.3
65	13.1		10.5	15.7





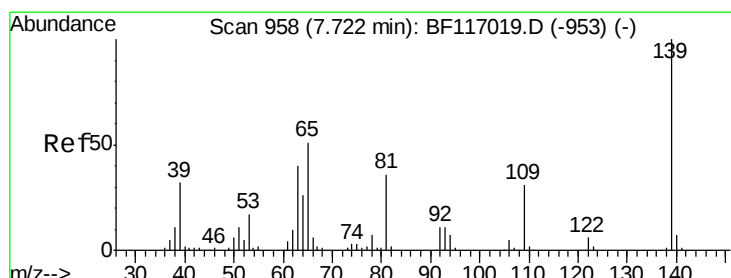
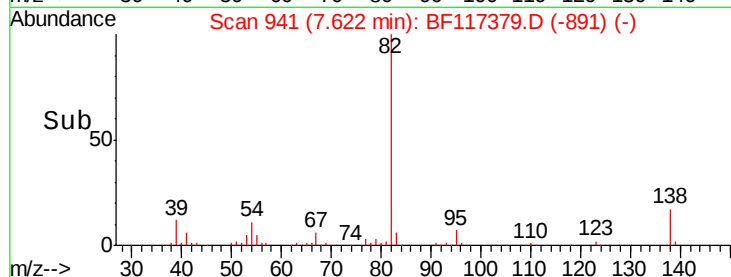
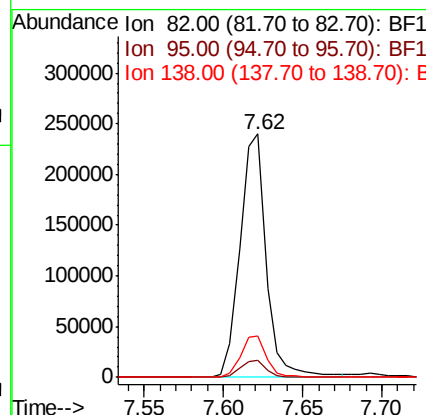
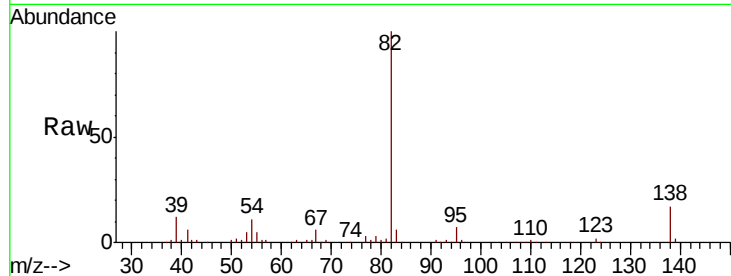
#25
Isophorone
Concen: 41.426 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	82	Resp	274689
Ion Ratio	100	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	16.9	13.5	20.3

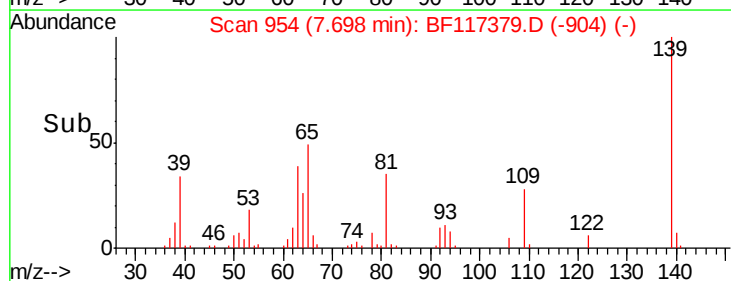
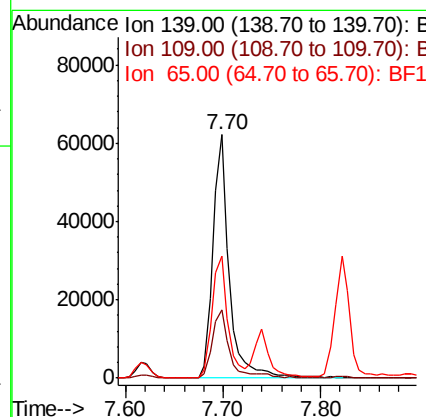
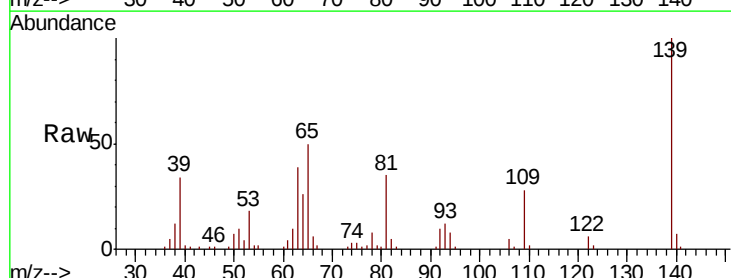
Manual Integrations
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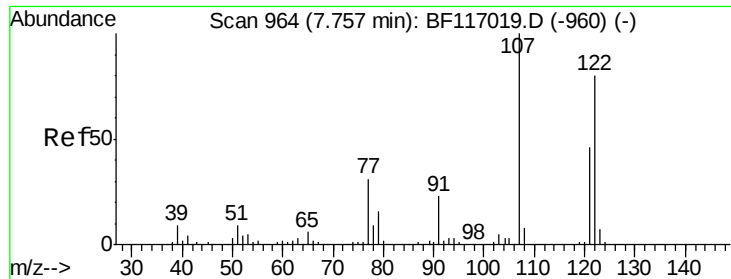
mohammad
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#26
2-Nitrophenol
Concen: 45.041 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	139	Resp	71550
Ion Ratio	100	Lower	Upper
139	100		
109	28.3	24.6	36.8
65	49.9	40.9	61.3





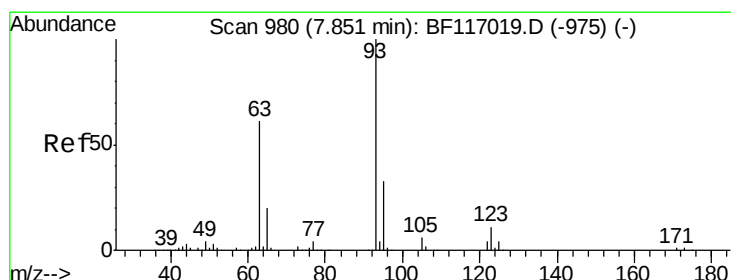
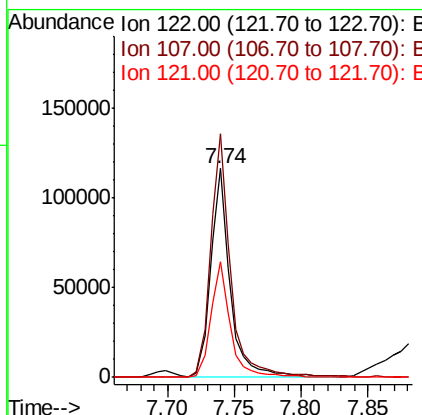
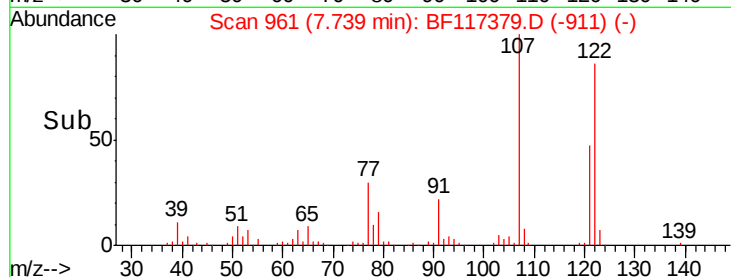
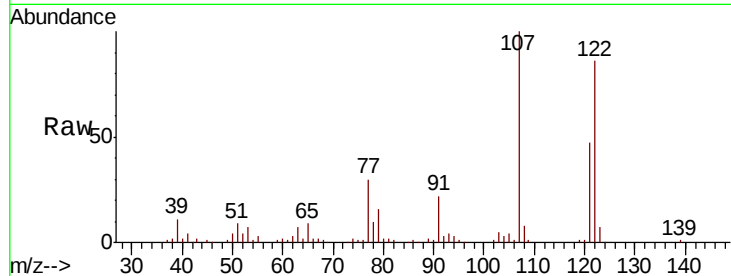
#27
2,4-Dimethylphenol
Concen: 46.865 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	118060		
107	116.8	98.9	148.3	
121	55.2	45.3	67.9	

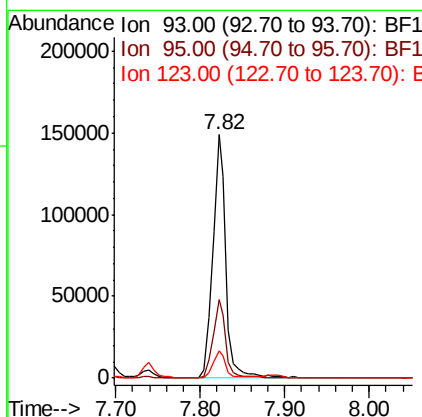
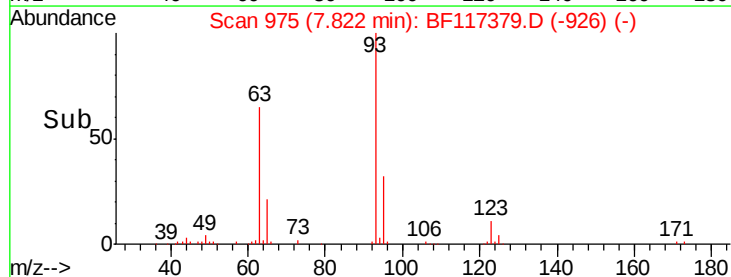
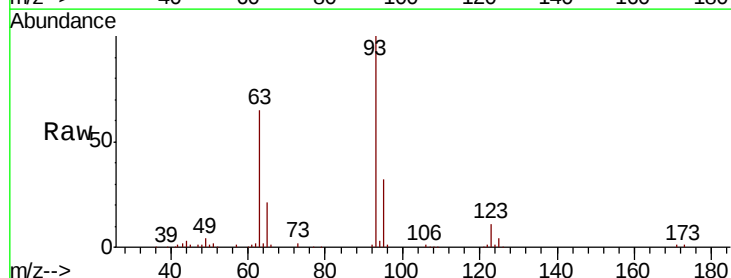
Manual Integrations
APPROVED

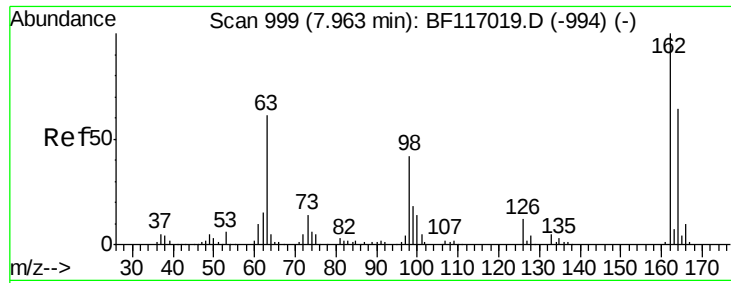
mohammad
10/16/2019 8:05:55 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.467 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	165321		
95	32.1	26.2	39.4	
123	11.3	9.0	13.6	





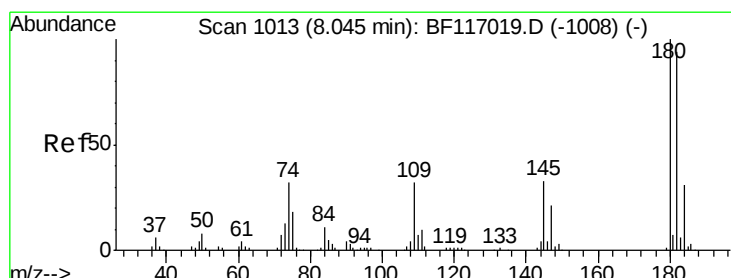
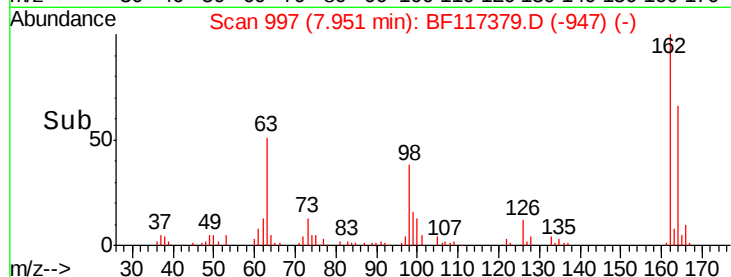
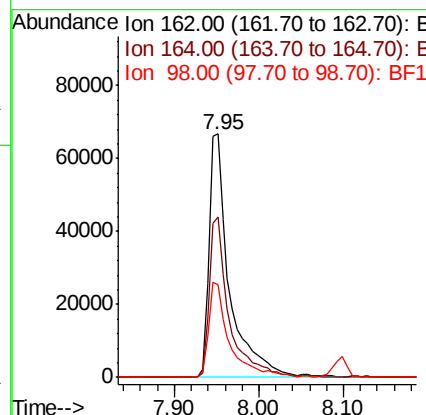
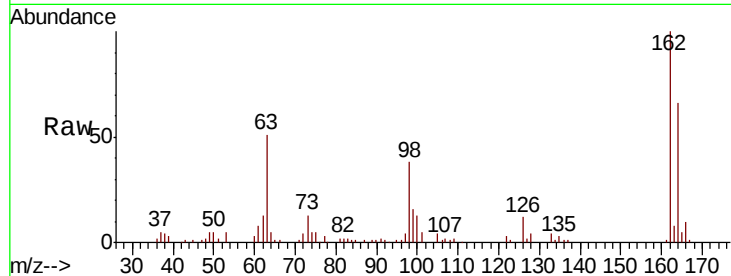
#29
2,4-Dichlorophenol
Concen: 42.561 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	112343		
164	65.7	43.8	83.8	
98	37.8	22.1	62.1	

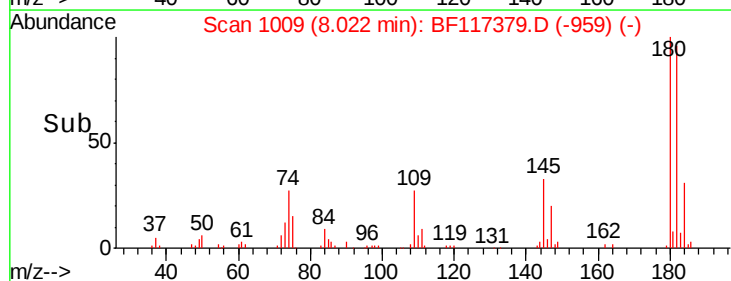
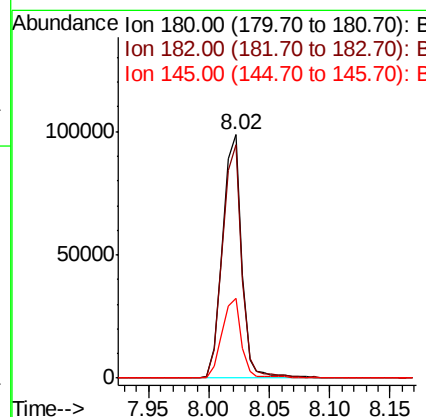
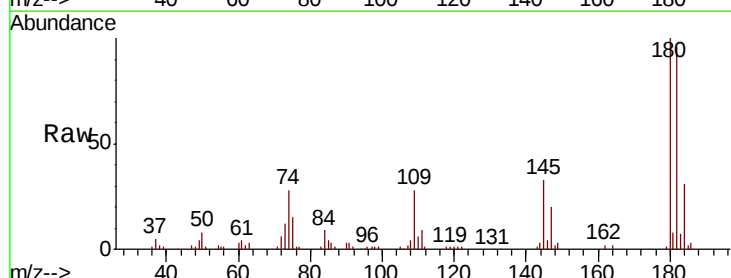
Manual Integrations
APPROVED

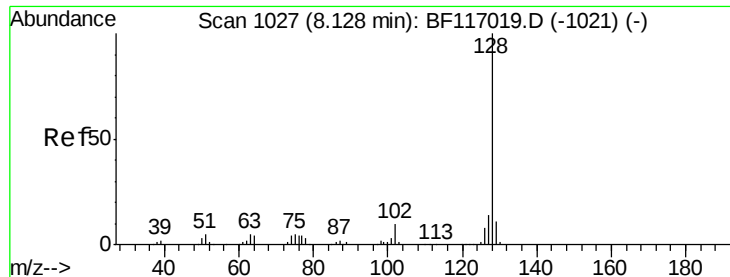
mohammad
10/16/2019 8:05:55 AM



#30
1,2,4-Trichlorobenzene
Concen: 37.913 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	108118		
182	95.8	75.4	113.0	
145	32.6	26.7	40.1	





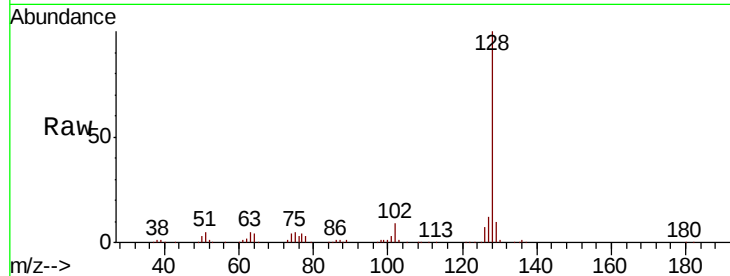
#31
Naphthalene
Concen: 42.136 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.5	9.0	13.4	
127	12.4	10.8	16.2	

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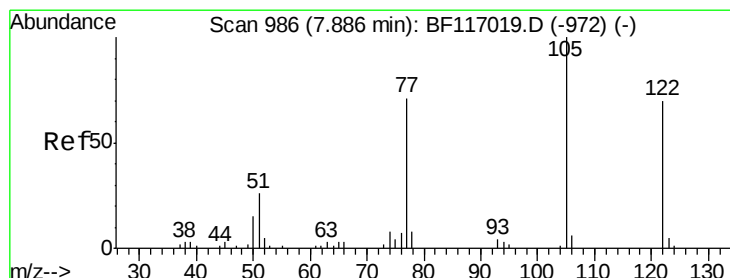
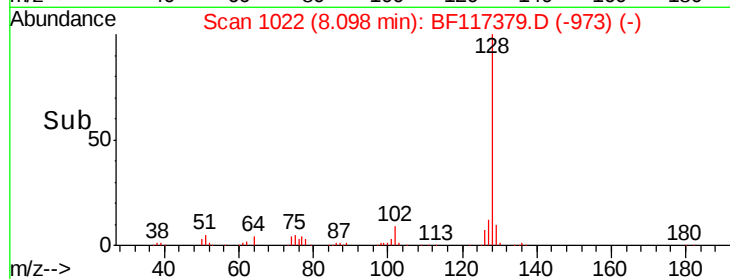
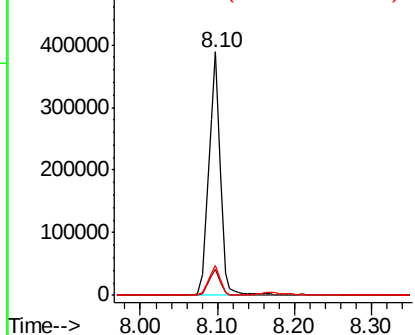


Abundance

Ion 128.00 (127.70 to 128.70): E

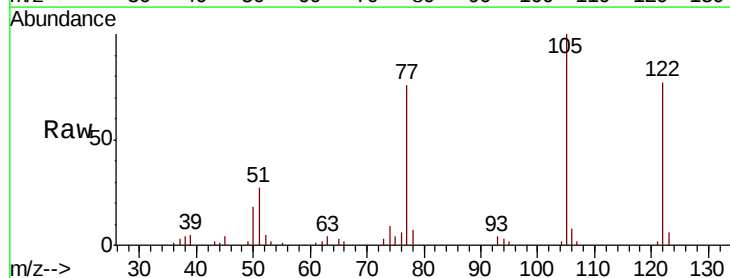
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 31.282 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	129.4	114.8	154.8	
77	98.0	78.7	118.7	

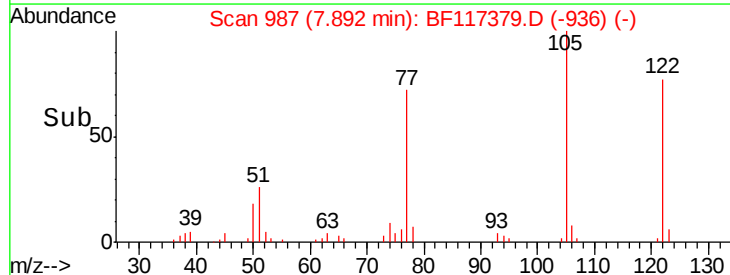
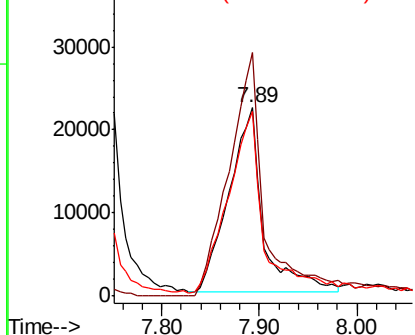


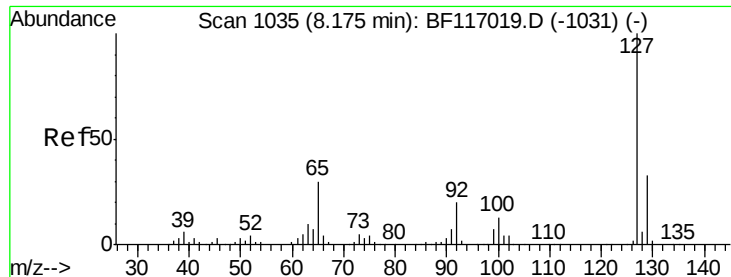
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





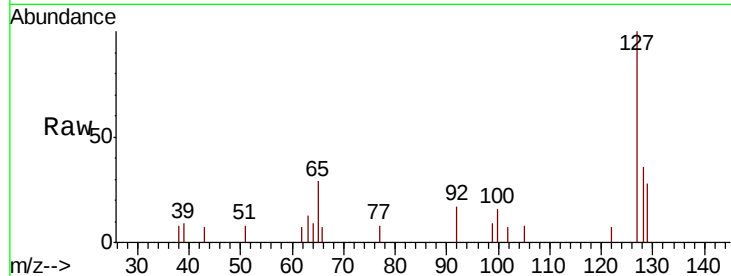
#33
4-Chloroaniline
Concen: 2.498 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		10487		
129	28.1	26.2	39.2		
65	28.6	23.5	35.3		
92	17.5	15.9	23.9		

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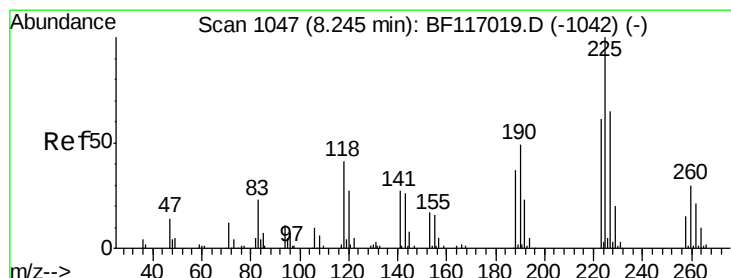
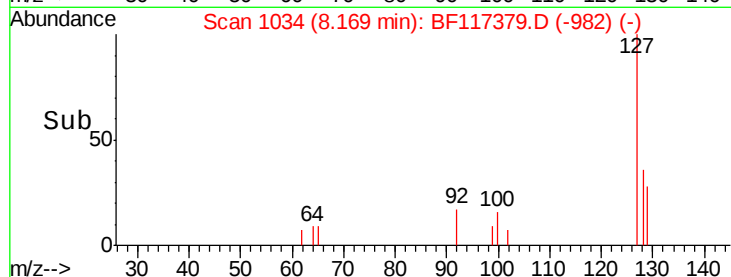
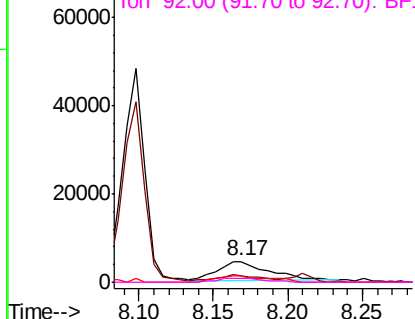
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

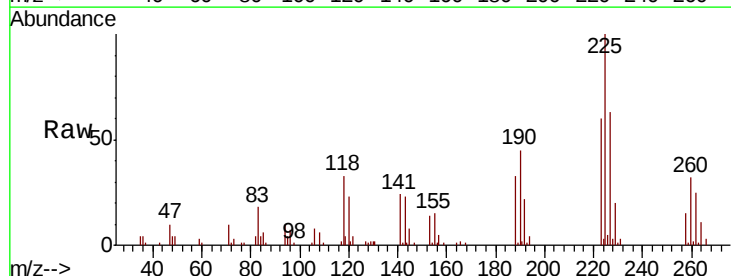
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 36.903 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		59706		
223	60.1	49.1	73.7		
227	63.1	52.2	78.2		

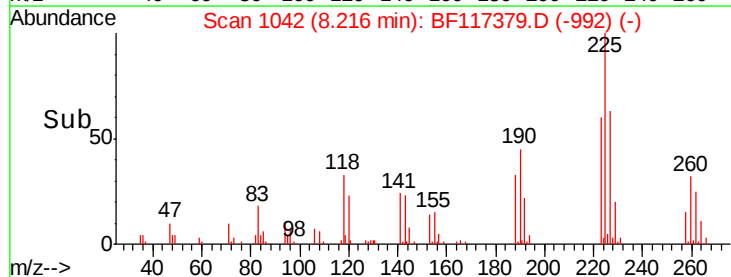
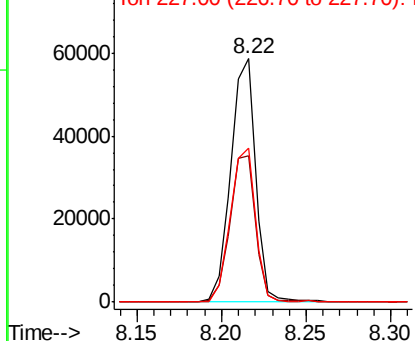


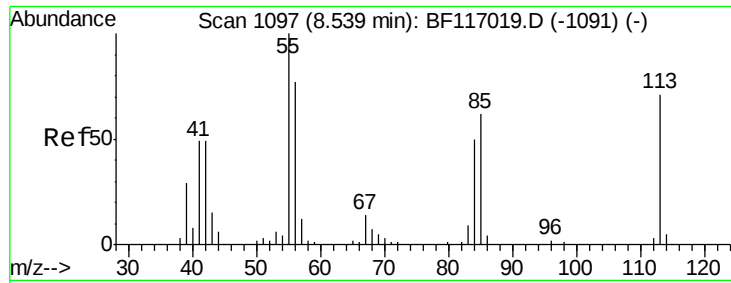
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





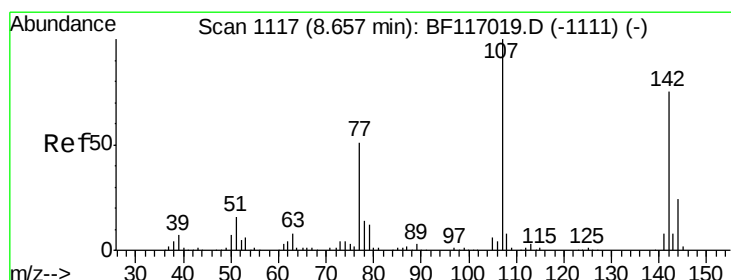
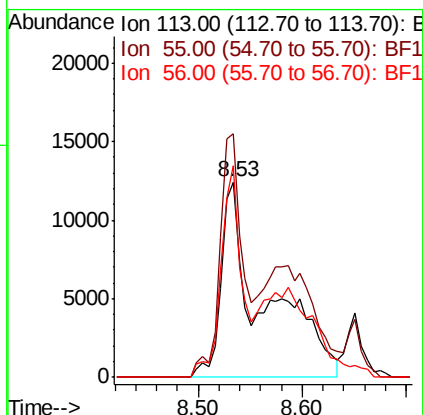
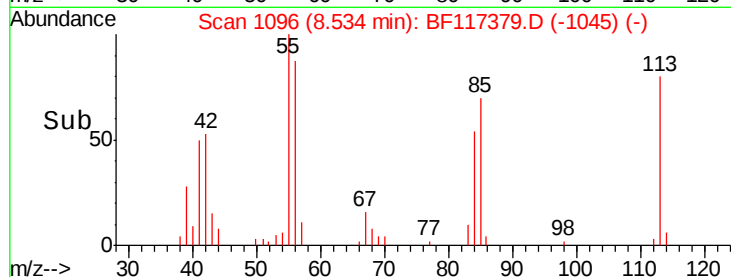
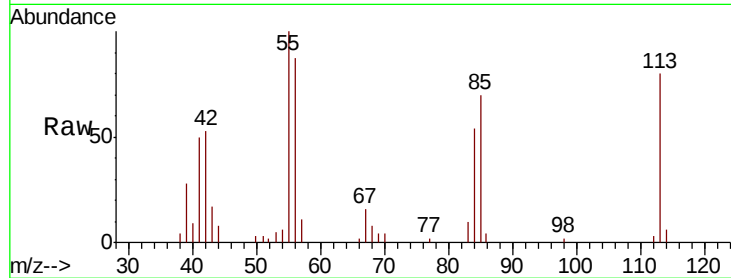
#35
Caprolactam
Concen: 39.452 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	124.5	120.6	160.6
56	107.9	88.8	128.8

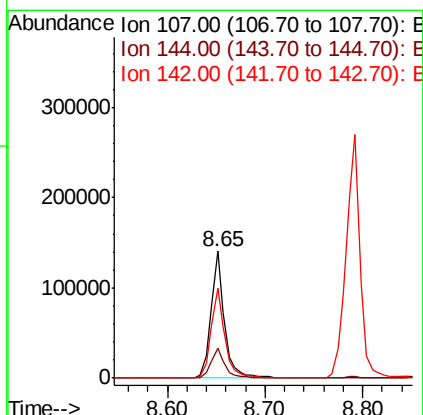
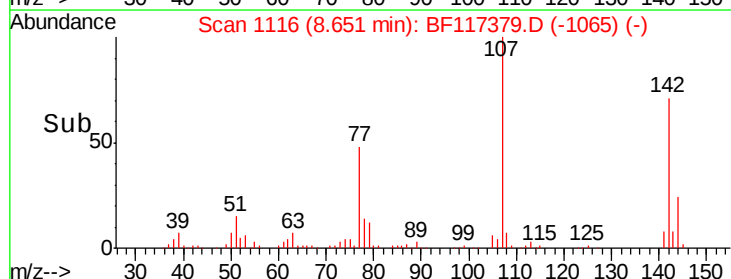
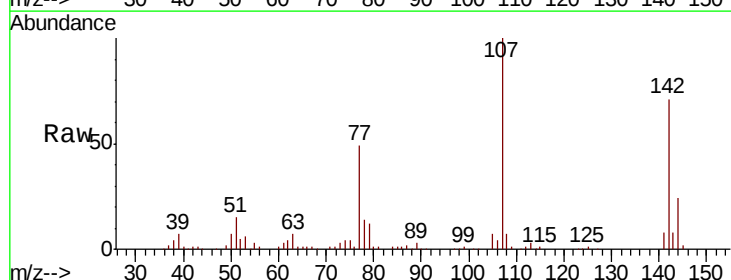
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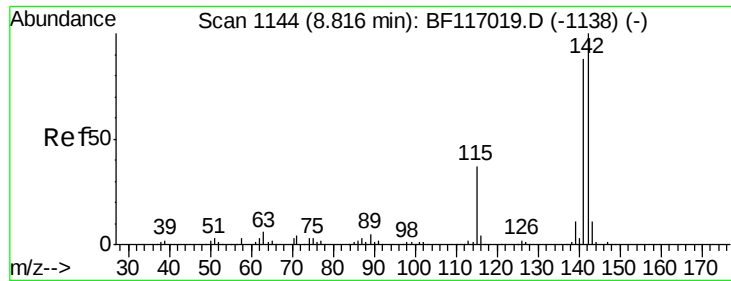
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.742 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.2	28.8
142	71.2	59.6	89.4





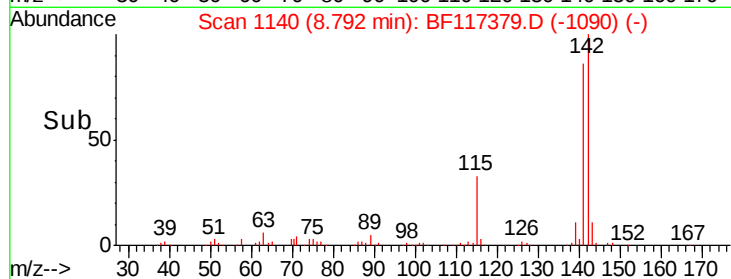
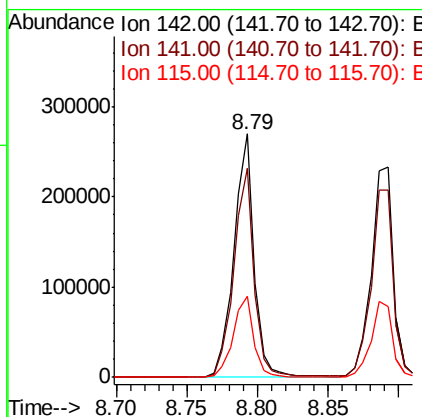
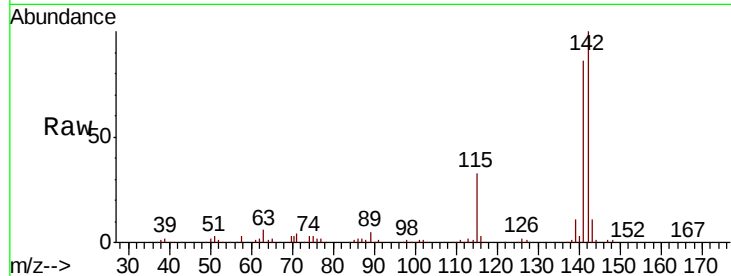
#37
2-Methylnaphthalene
Concen: 42.182 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.7	106.1
115	33.5	29.4	44.0

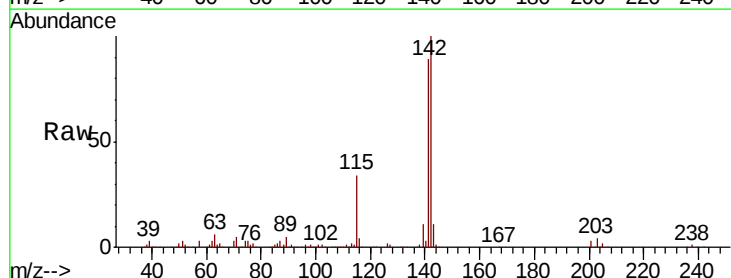
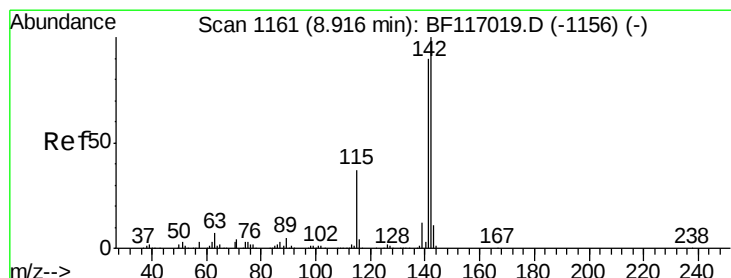
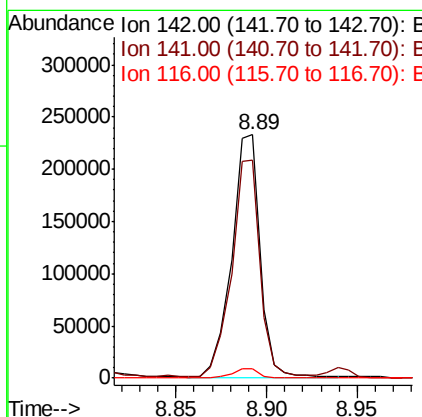
Manual Integrations
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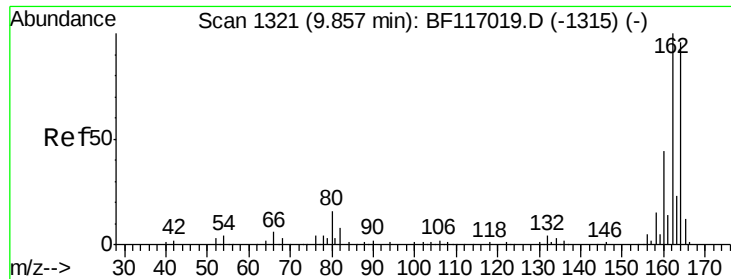
mohammad
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#38
1-Methylnaphthalene
Concen: 42.086 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
116	3.6	3.2	4.8





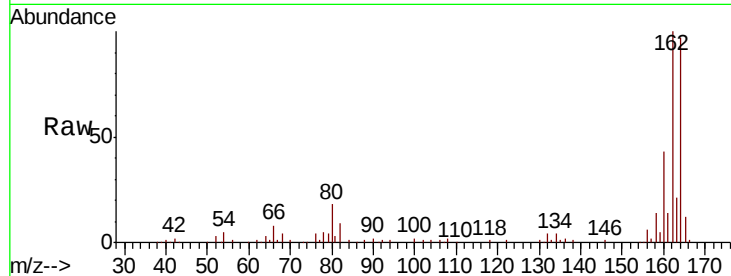
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.4	125.2
160	44.6	36.4	54.6

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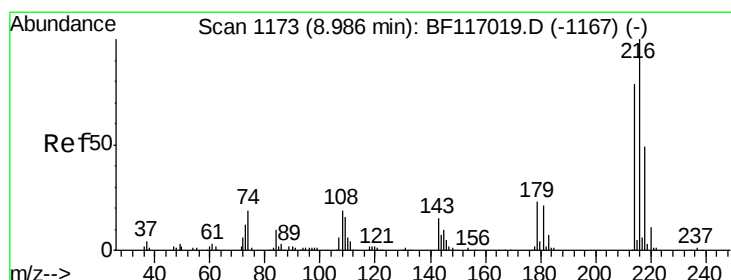
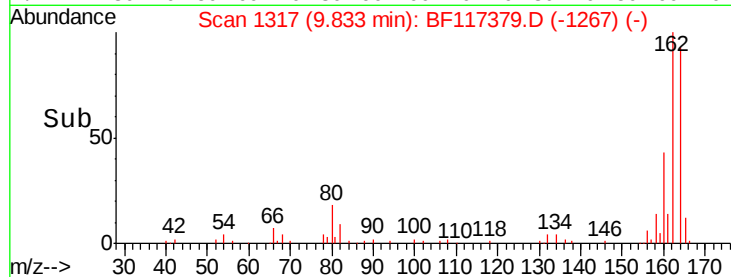
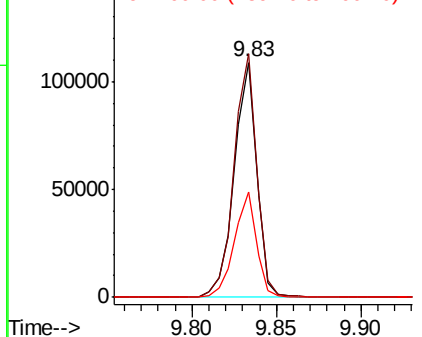


Abundance

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: 39.341 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.6	95.4
179	23.4	18.3	27.5
108	22.4	17.8	26.6

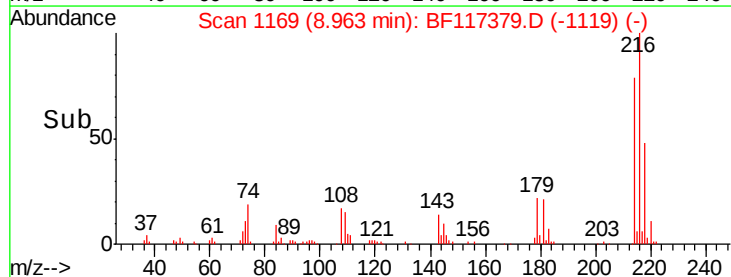
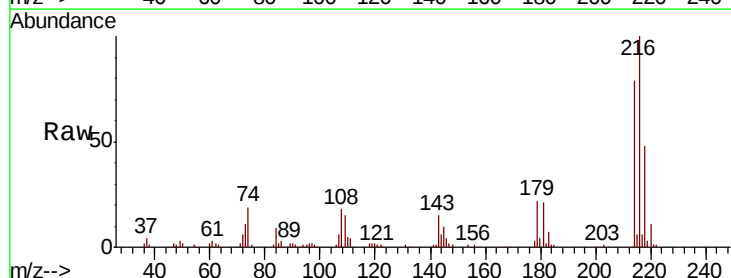
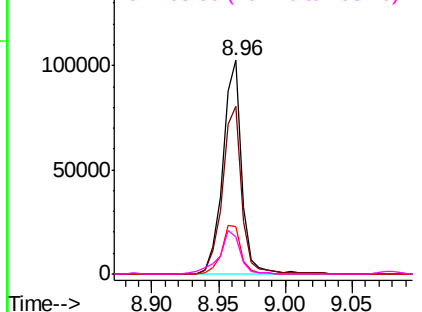
Abundance

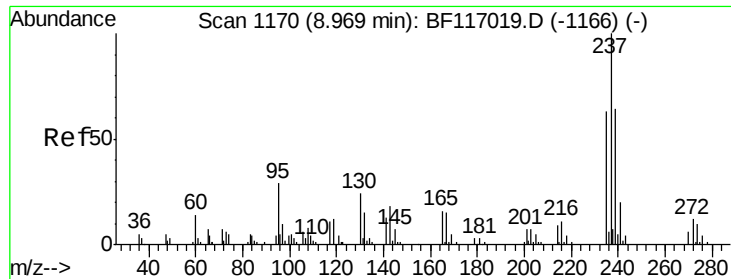
Ion 216.00 (215.70 to 216.70): E

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: 50.542 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF117379.D

Acq: 12 Oct 2019 20:10

Instrument :

BNA_F

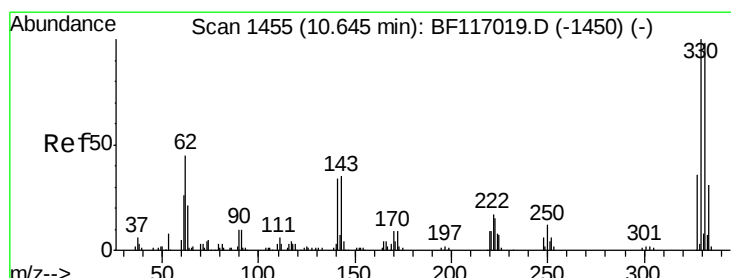
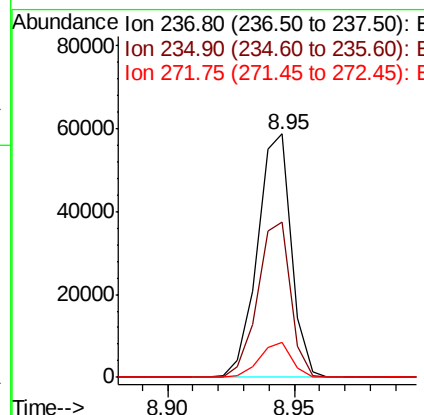
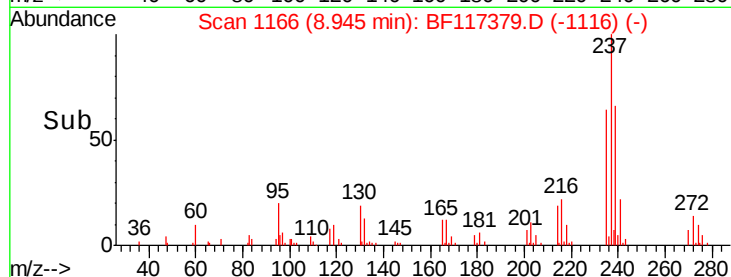
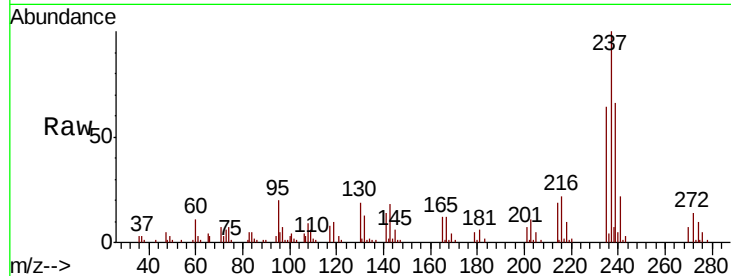
ClientSampleId :

HD-01-100919MSD

Tot Ion:	237	Resp:	54618
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.2	83.2
272	14.3	0.0	31.9

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 130.788 ng

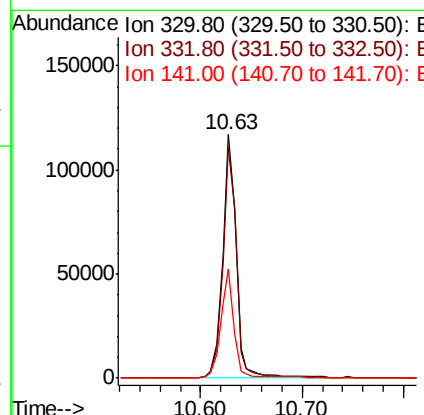
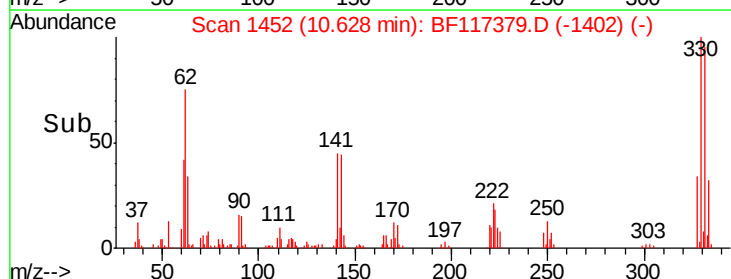
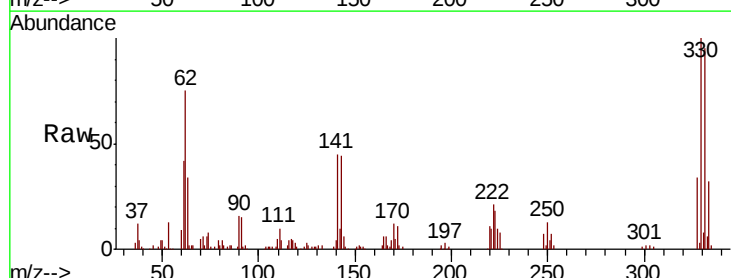
RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF117379.D

Acq: 12 Oct 2019 20:10

Tgt Ion:	330	Resp:	110493
Ion Ratio	Lower	Upper	
330	100		
332	95.6	78.0	117.0
141	42.9	35.8	53.6





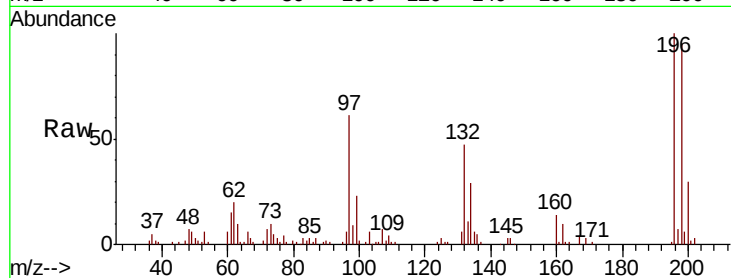
#43
 2,4,6-Trichlorophenol
 Concen: 42.282 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF117379.D
 Acq: 12 Oct 2019 20:10

Instrument :
 BNA_F
 ClientSampleID :
 HD-01-100919MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	74898		
198	95.3		75.7	113.5
200	30.2		23.3	34.9

Manual Integrations
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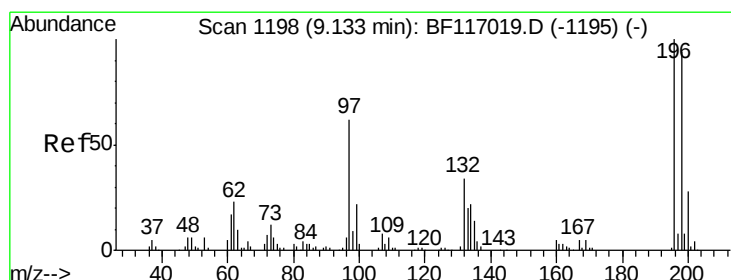
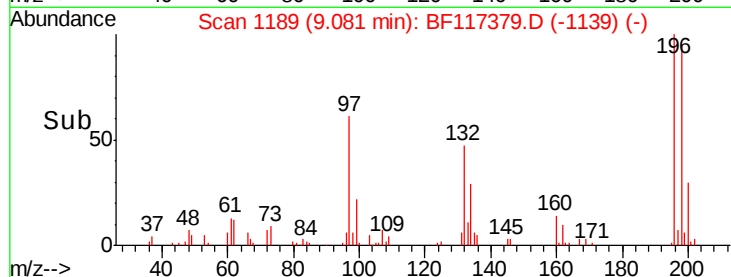
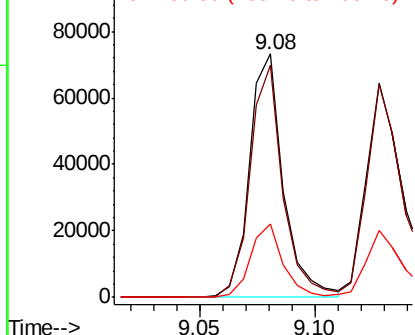


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.570 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF117379.D
 Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	76782		
198	99.5		74.6	112.0
97	56.6		49.5	74.3
132	33.3		27.4	41.2

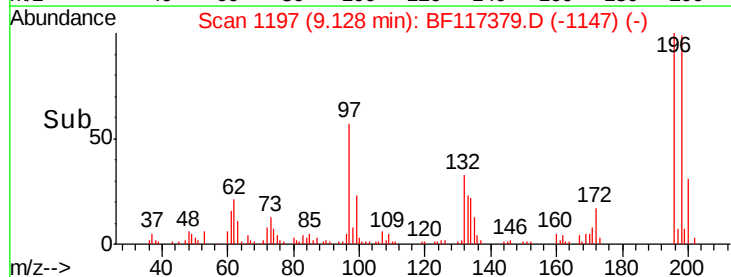
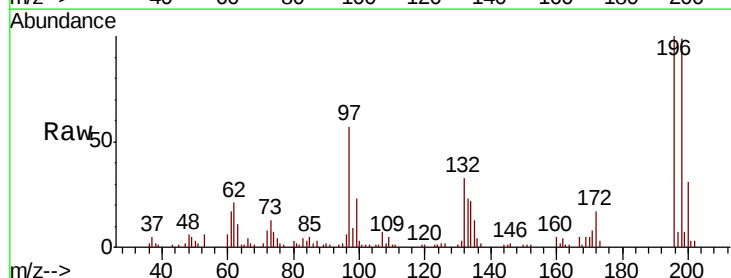
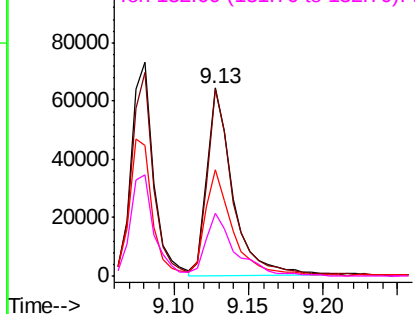
Abundance

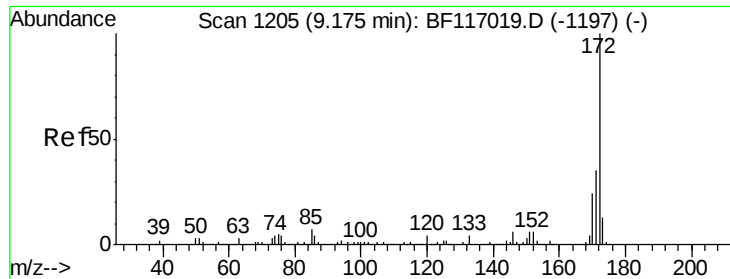
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





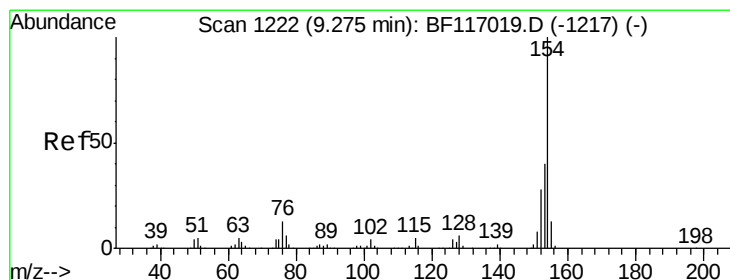
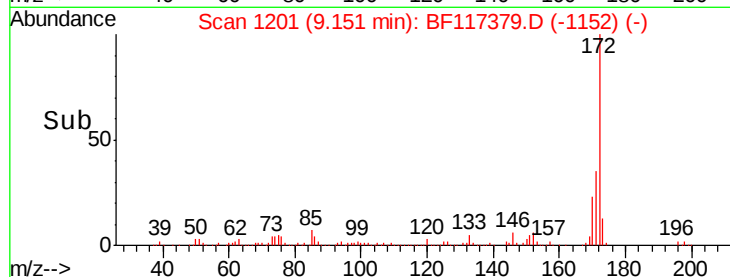
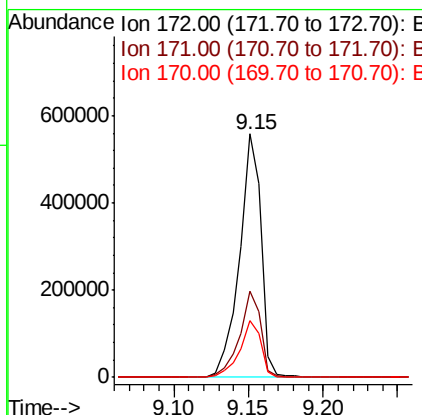
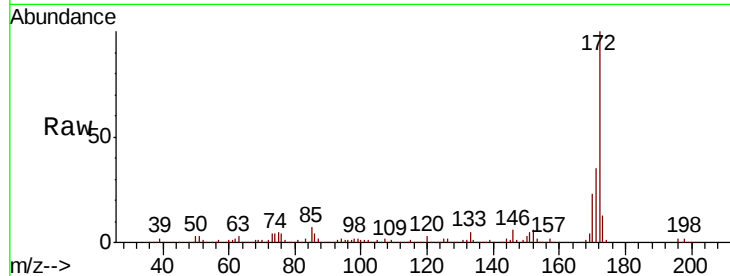
#45
2-Fluorobiphenyl
Concen: 87.031 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	562646		
171	35.2		28.2	42.2
170	23.1		18.9	28.3

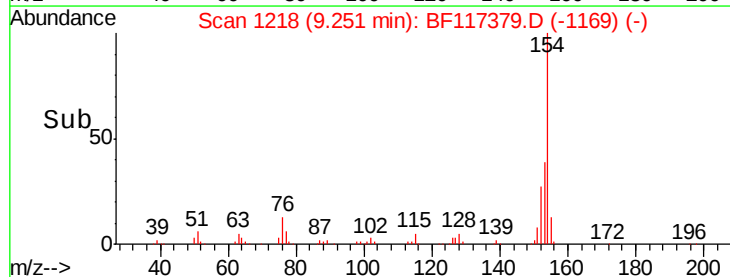
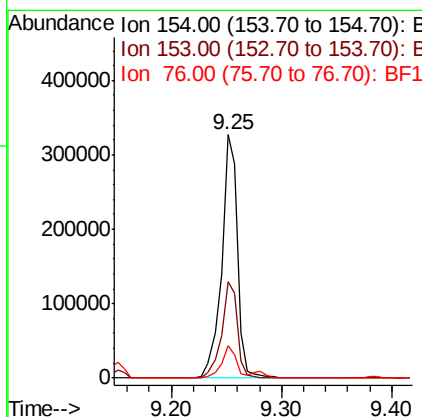
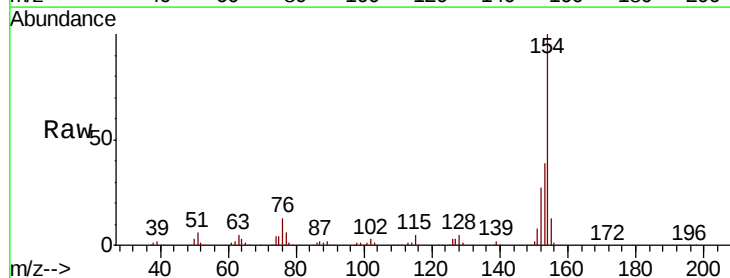
Manual Integrations
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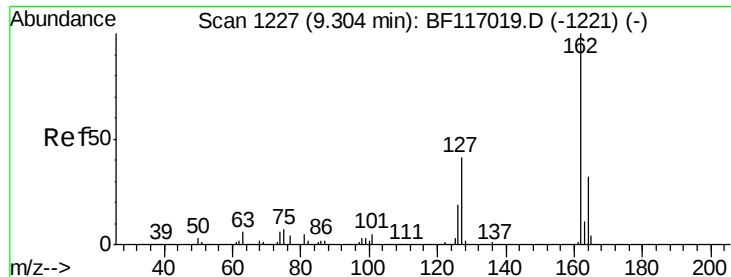
mohammad
10/16/2019 8:05:55 AM



#46
1,1'-Biphenyl
Concen: 41.289 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	327376		
153	39.4		20.0	60.0
76	13.1		0.0	32.7





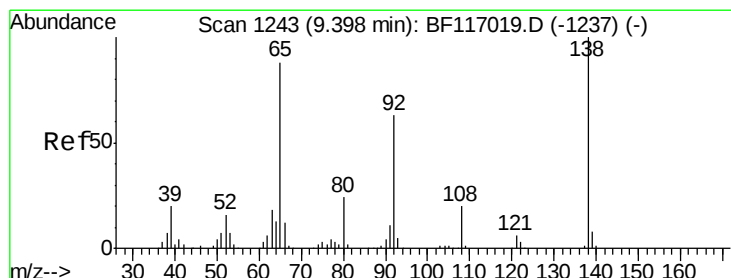
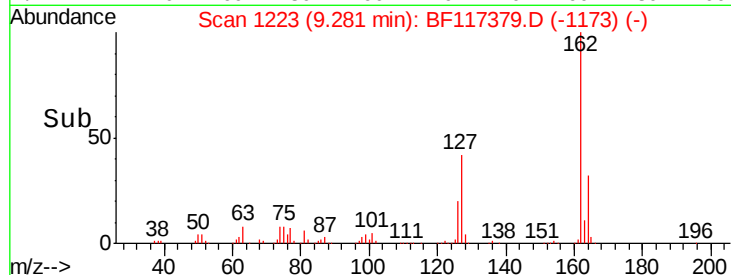
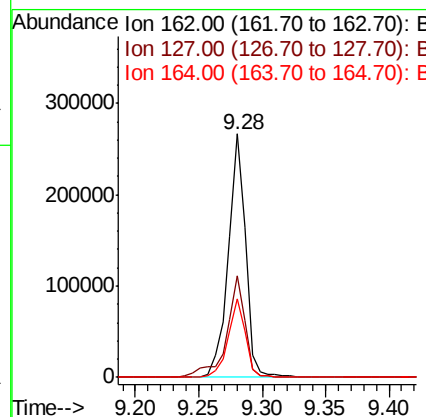
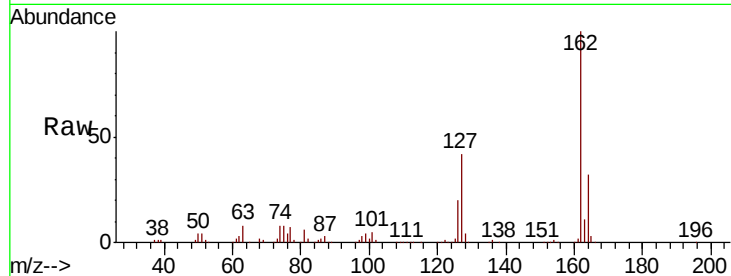
#47
2-Chloronaphthalene
Concen: 40.373 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.5	34.1	51.1	
164	32.2	25.9	38.9	

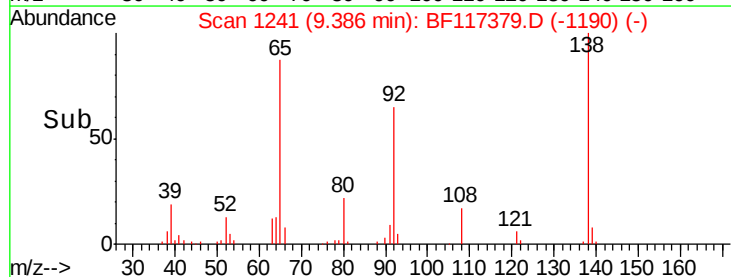
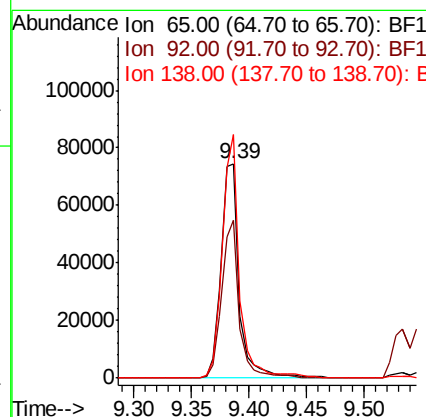
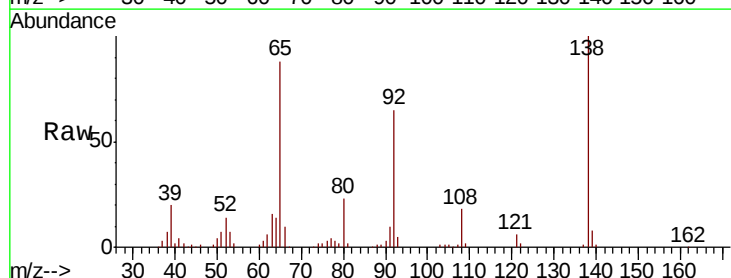
Manual Integrations
APPROVED

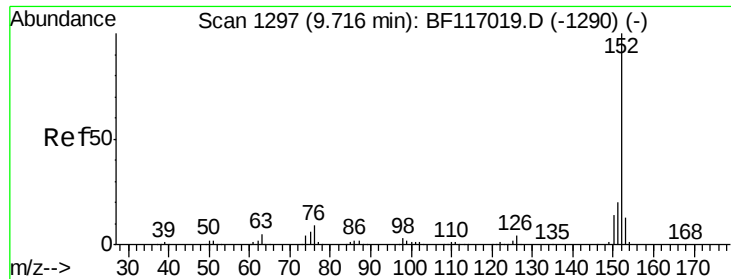
mohammad
10/16/2019 8:05:55 AM



#48
2-Nitroaniline
Concen: 40.815 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.8	57.5	86.3	
138	113.6	90.6	136.0	





#49

Acenaphthylene

Concen: 42.301 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF117379.D

Acq: 12 Oct 2019 20:10

Instrument :

BNA_F

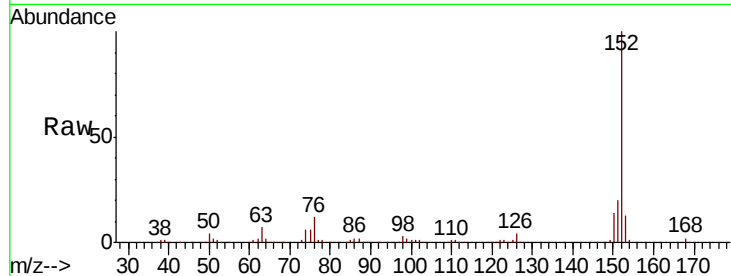
ClientSampleId :

HD-01-100919MSD

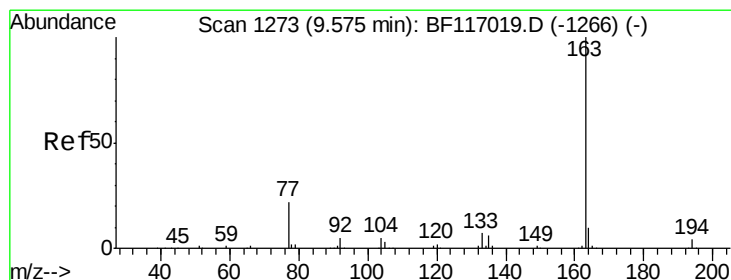
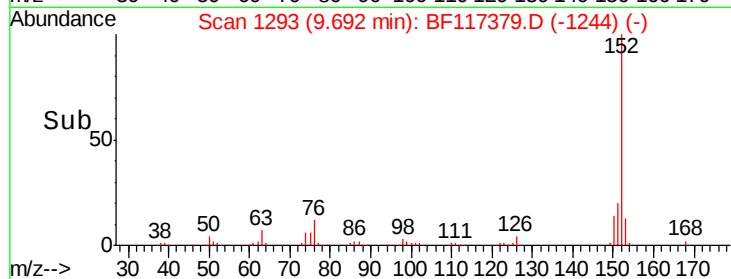
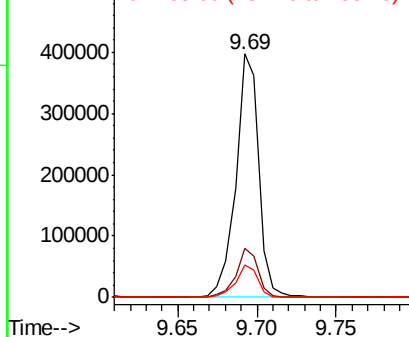
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		396545		
151	19.9	16.2	24.2		
153	13.1	10.2	15.4		

Manual Integrations
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mohammad
10/16/2019 8:05:55 AM



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



#50

Dimethylphthalate

Concen: 42.052 ng

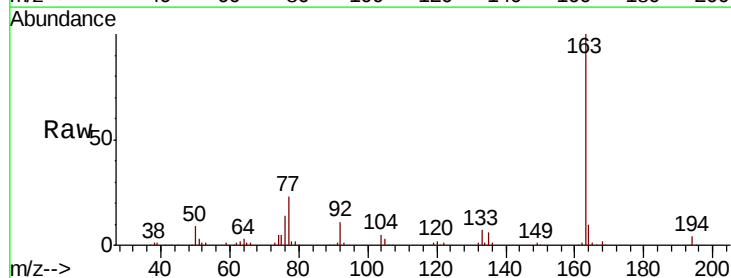
RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

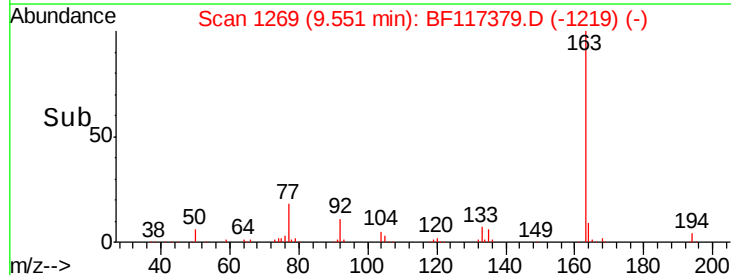
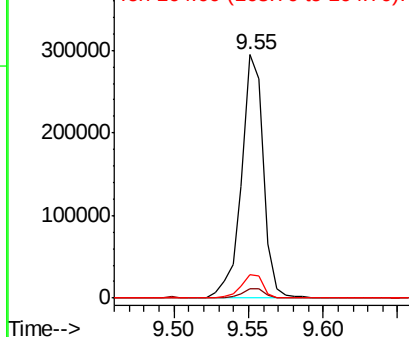
Lab File: BF117379.D

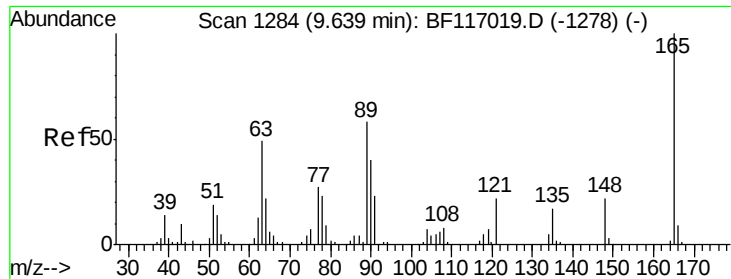
Acq: 12 Oct 2019 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		300976		
194	3.7	2.9	4.3		
164	9.8	8.2	12.4		



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





#51

2,6-Dinitrotoluene

Concen: 46.501 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF117379.D

Acq: 12 Oct 2019 20:10

Instrument :

BNA_F

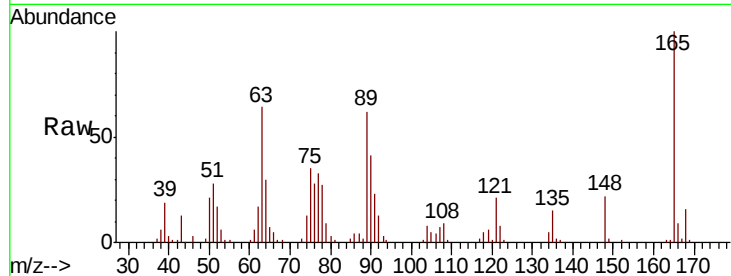
ClientSampleId :

HD-01-100919MSD

Tot Ion:	165	Resp:	67784
Ion Ratio	Lower	Upper	
165	100		
63	64.3	41.8	62.8#
89	61.6	46.5	69.7

Manual Integrations
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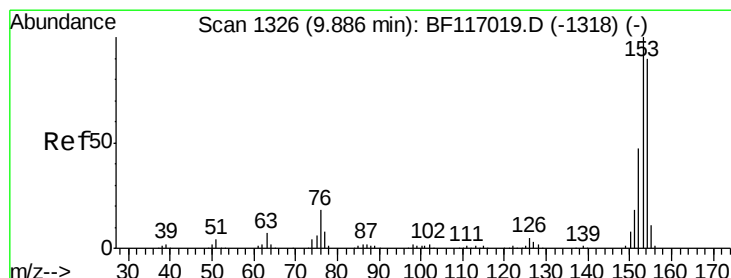
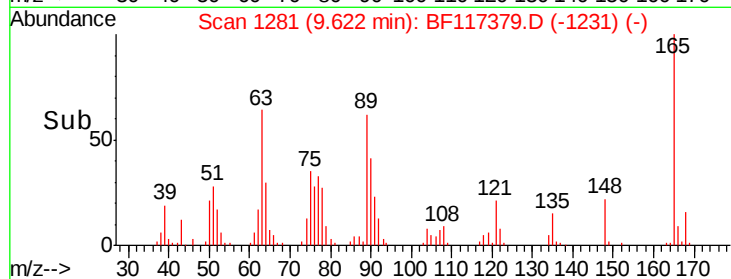
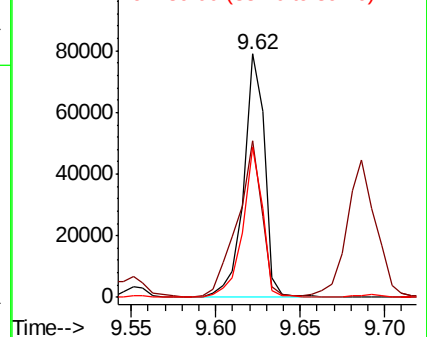
mohammad
10/16/2019 8:05:55 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.586 ng

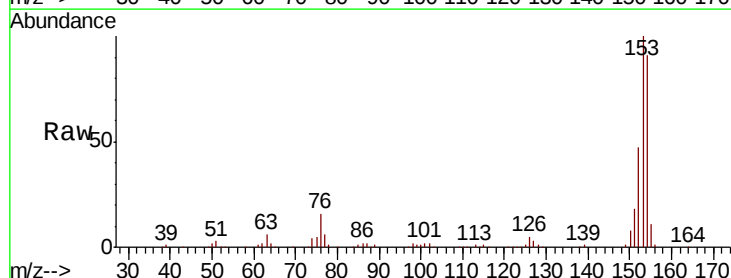
RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF117379.D

Acq: 12 Oct 2019 20:10

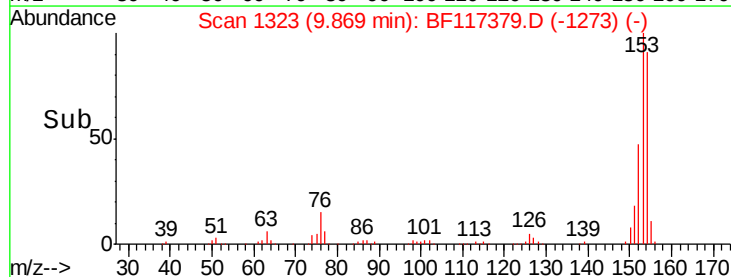
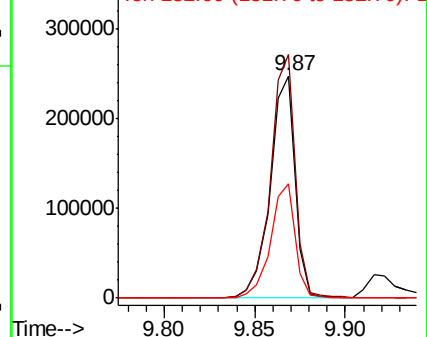
Tgt Ion:	154	Resp:	236646
Ion Ratio	Lower	Upper	
154	100		
153	109.4	89.0	133.6
152	51.4	41.9	62.9

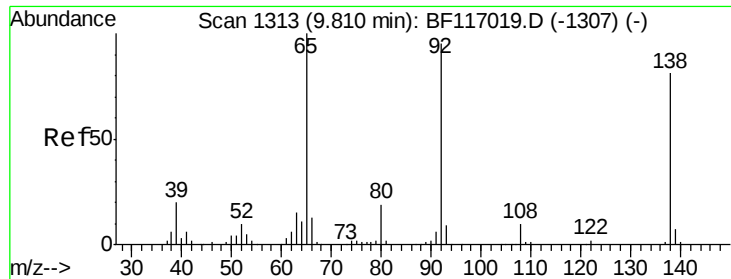


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





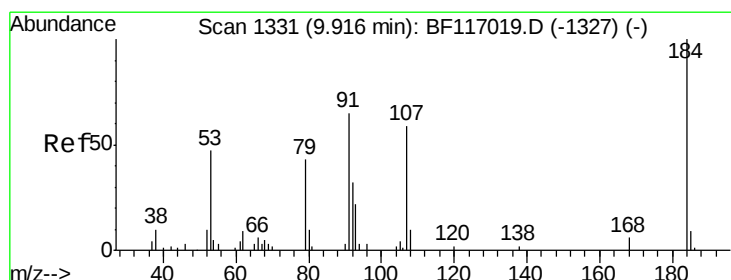
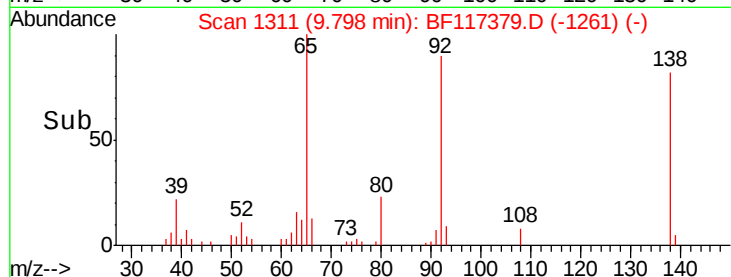
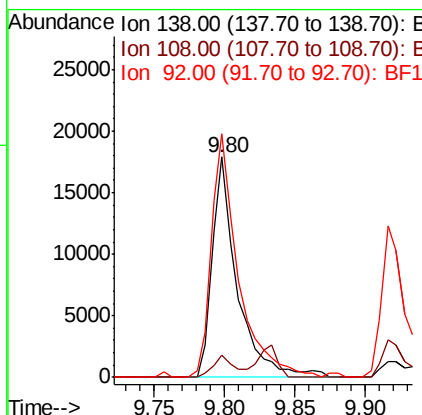
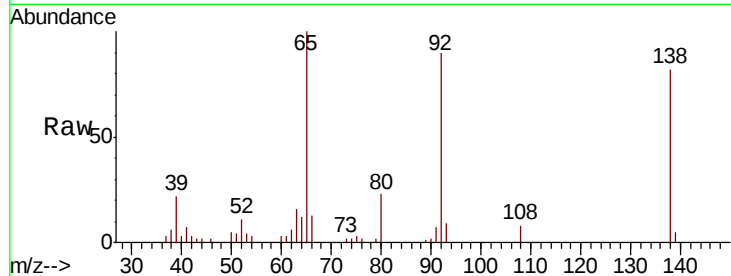
#53
3-Nitroaniline
Concen: 11.948 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.5	14.3
92	110.4	94.1	141.1

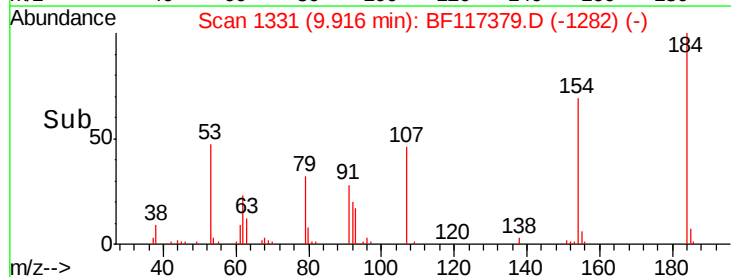
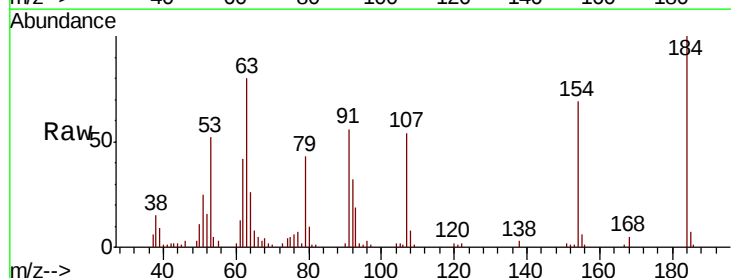
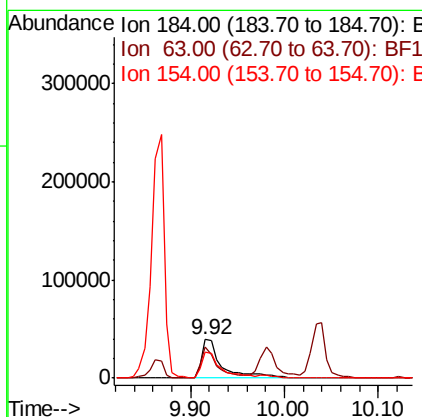
Manual Integrations
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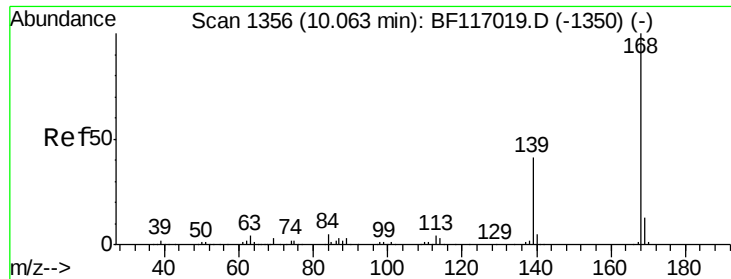
mohammad
10/16/2019 8:05:55 AM



#54
2,4-Dinitrophenol
Concen: 92.778 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.8	63.8	95.6
154	68.5	60.4	90.6





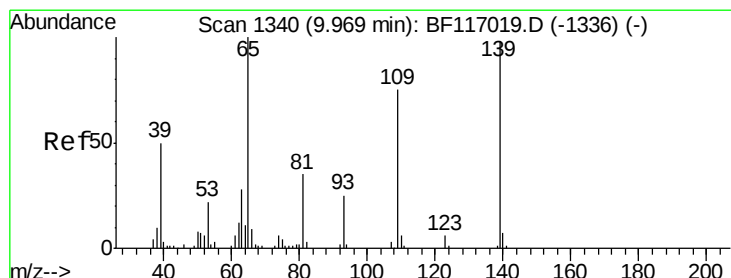
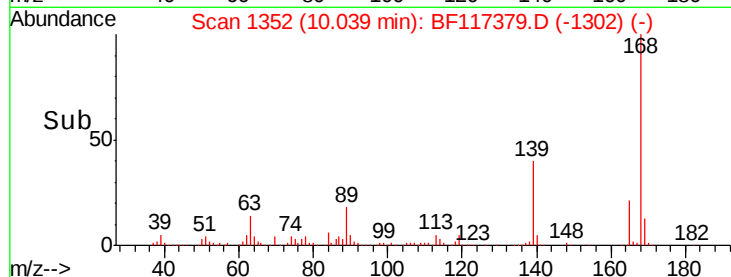
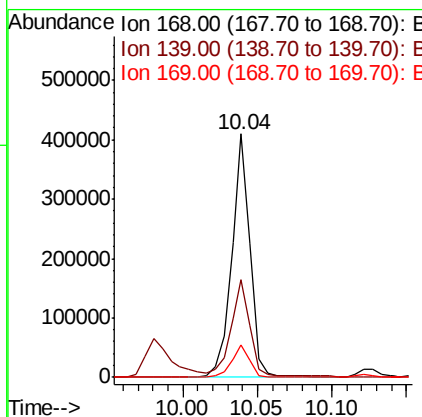
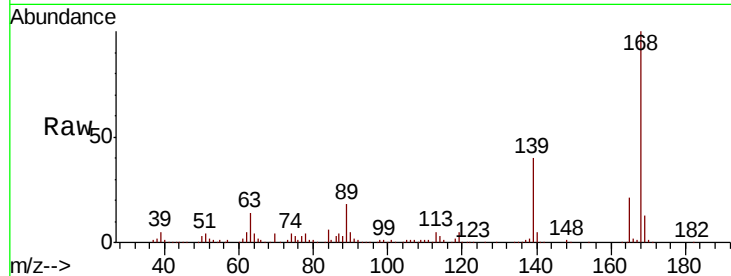
#55
Dibenzofuran
Concen: 43.162 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	353881		
139	40.1		32.8	49.2
169	13.2		10.5	15.7

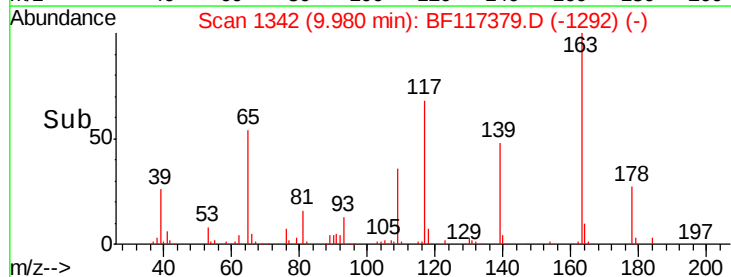
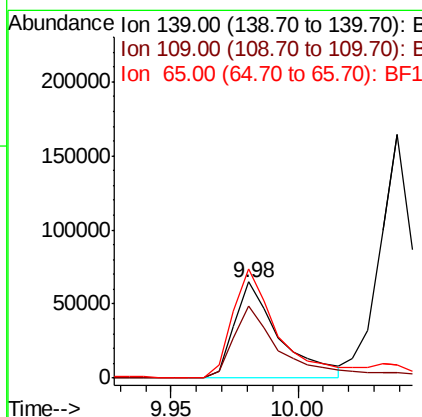
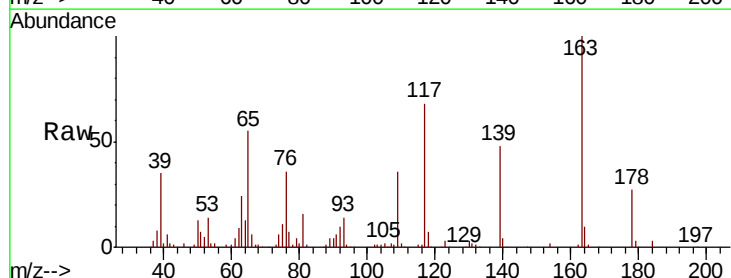
Manual Integrations
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mohammad
10/16/2019 8:05:55 AM



#56
4-Nitrophenol
Concen: 67.236 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	80144		
109	75.3		56.4	96.4
65	113.9		82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 47.483 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF117379.D

Acq: 12 Oct 2019 20:10

Instrument :

BNA_F

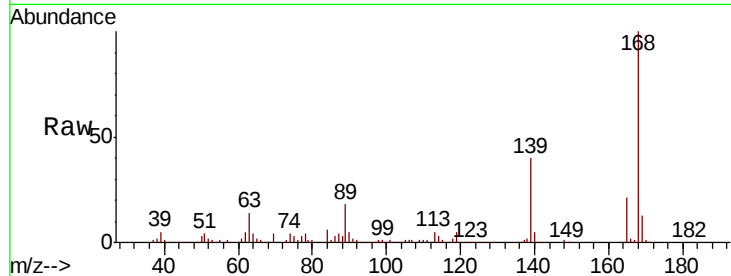
ClientSampleId :

HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.1	35.0	52.4#
89	85.3	66.1	99.1
182	2.2	2.0	3.0

Manual Integrations
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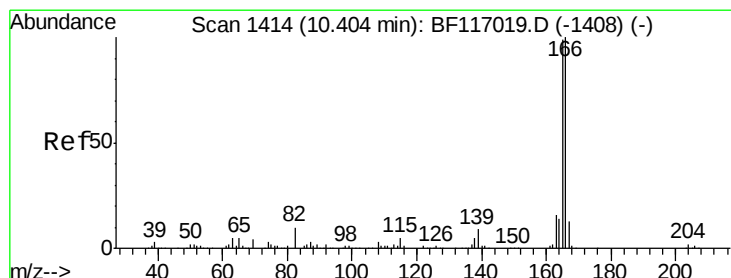
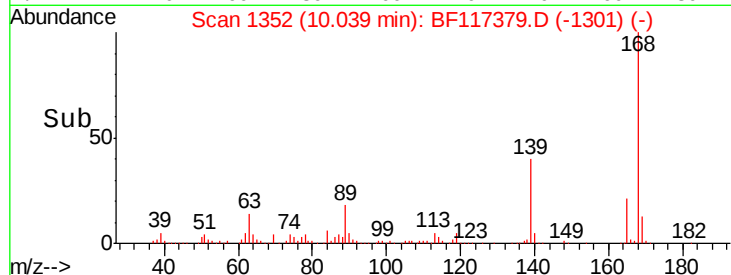
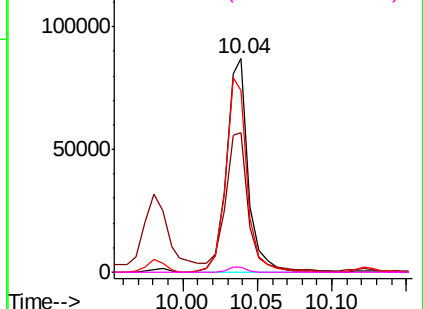


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.163 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF117379.D

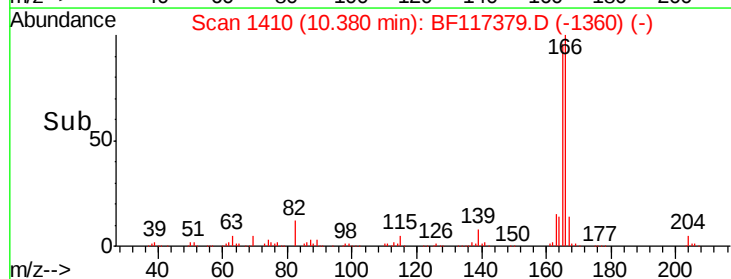
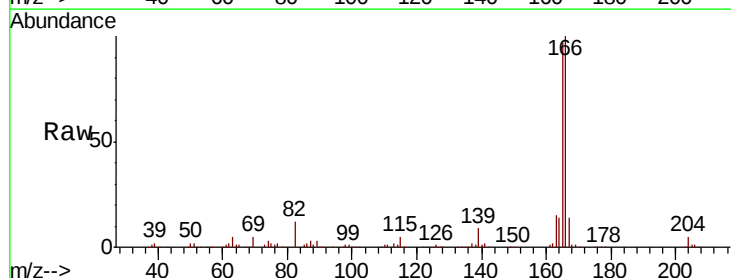
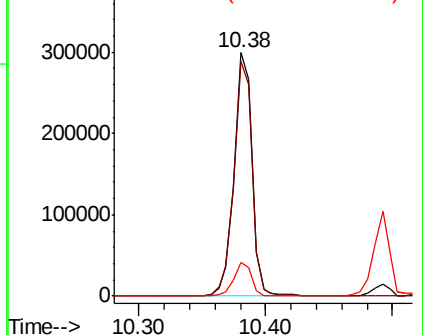
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.9	118.3
167	13.9	10.6	15.8

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





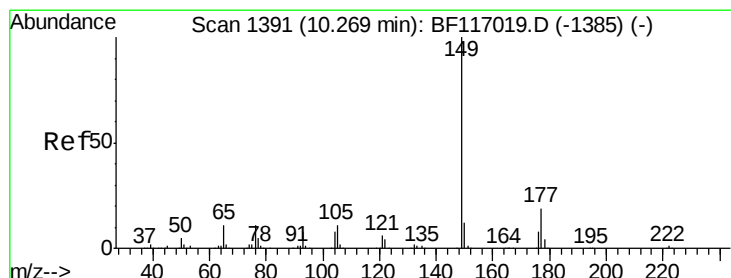
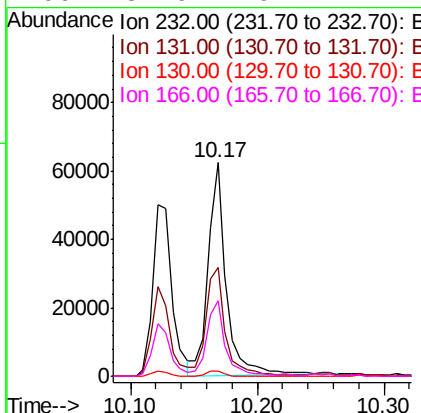
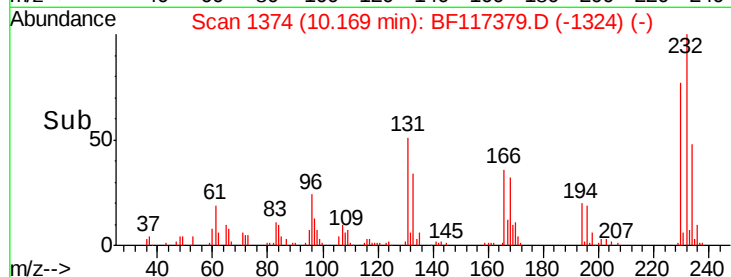
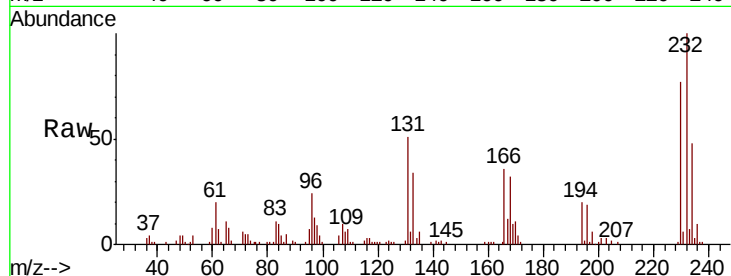
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.136 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion:	232	Resp:	62473
Ion Ratio	Lower	Upper	
232	100		
131	52.4	45.3	67.9
130	2.2	1.8	2.8
166	37.6	29.4	44.2

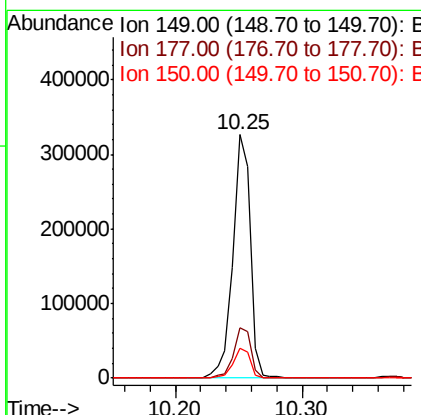
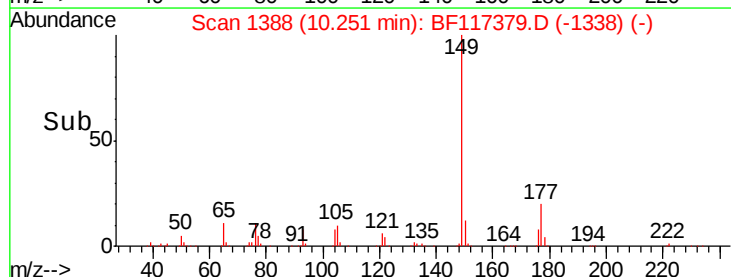
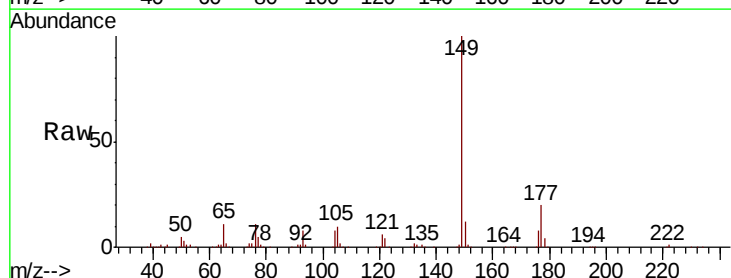
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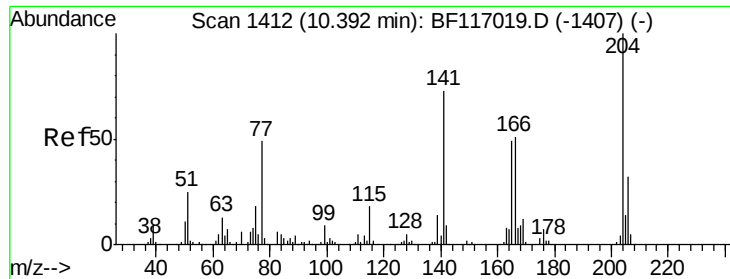
mohammad
10/16/2019 8:05:55 AM



#60
Diethylphthalate
Concen: 43.500 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion:	149	Resp:	306301
Ion Ratio	Lower	Upper	
149	100		
177	20.5	15.2	22.8
150	12.5	9.9	14.9





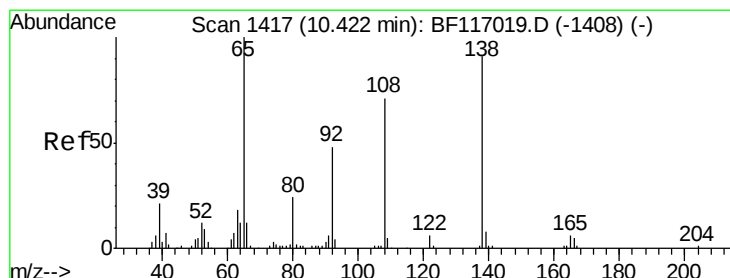
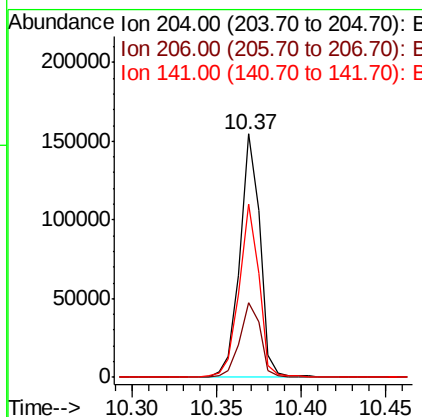
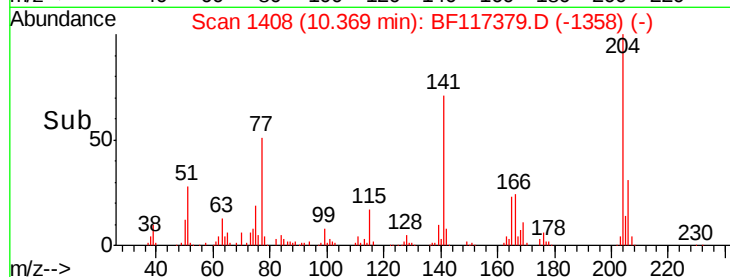
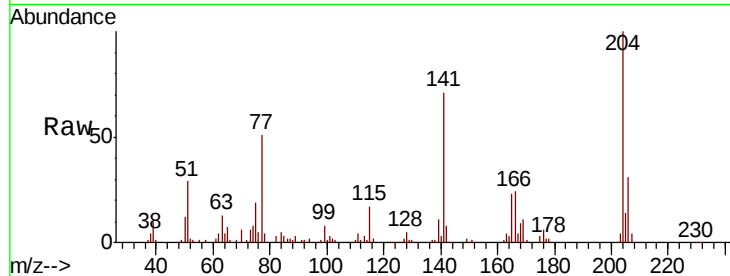
#61
4-Chlorophenyl-phenylether
Concen: 44.880 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	30.7	26.0	39.0
141	71.0	58.2	87.2

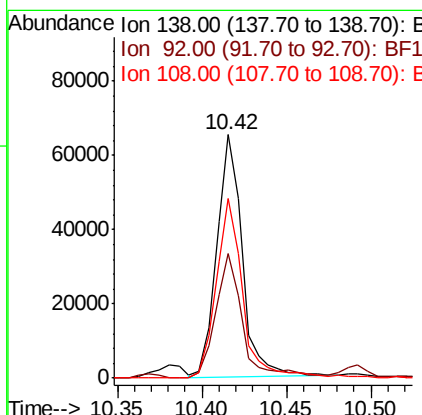
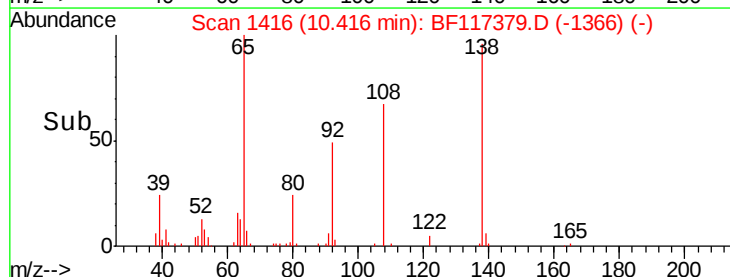
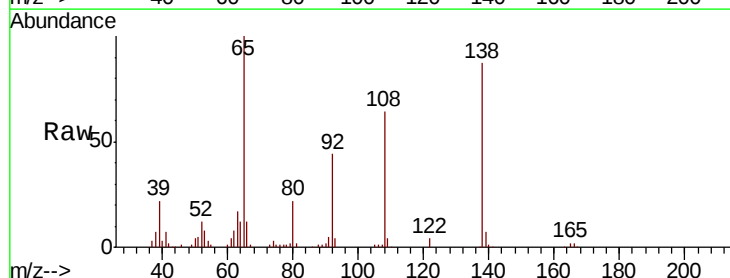
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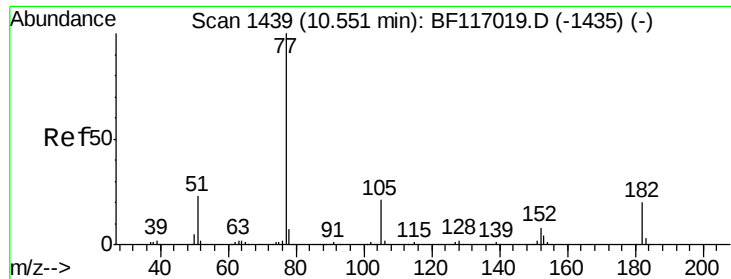
mohammad
10/16/2019 8:05:55 AM



#62
4-Nitroaniline
Concen: 35.812 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	32.9	72.9
108	73.6	58.3	98.3





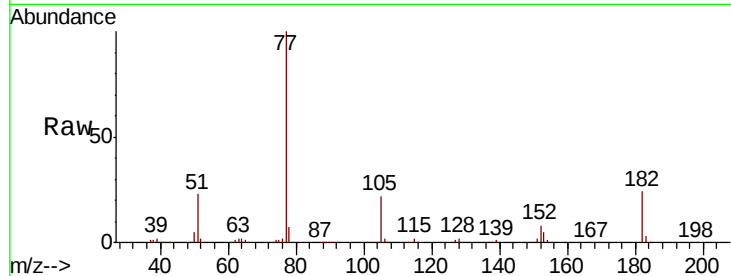
#63
Azobenzene
Concen: 44.399 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

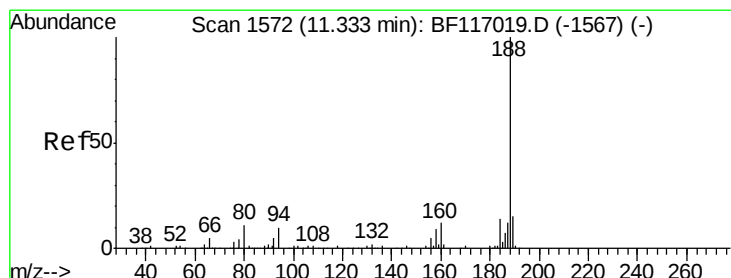
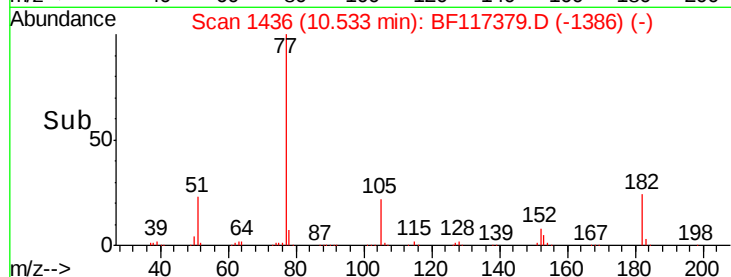
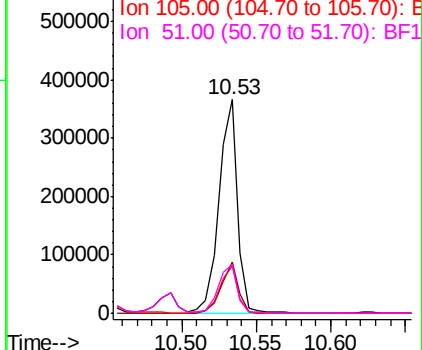
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.0	0.4	40.4	
105	22.5	0.9	40.9	
51	23.1	2.8	42.8	

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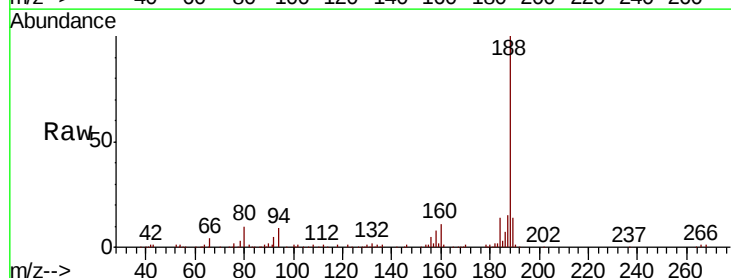


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

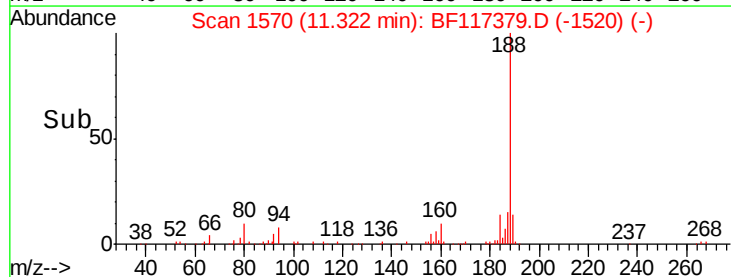
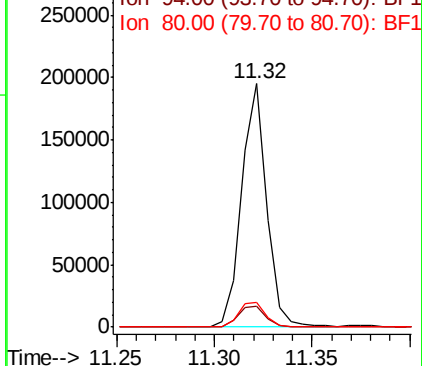


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	8.2	12.2	
80	10.2	9.0	13.6	



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





#65

4,6-Dinitro-2-methylphenol

Concen: 48.524 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF117379.D

Acq: 12 Oct 2019 20:10

Instrument :

BNA_F

ClientSampleId :

HD-01-100919MSD

Tot Ion:198 Resp: 38488

Ion Ratio Lower Upper

198 100

51 47.1 18.7 58.7

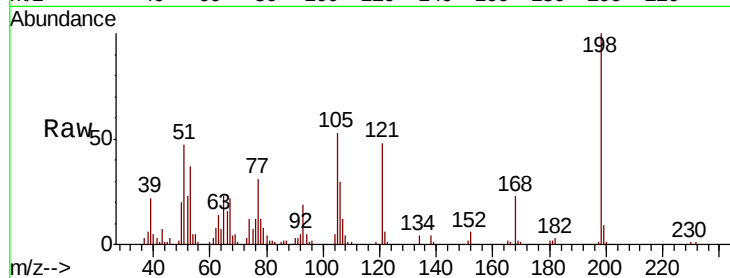
105 52.6 30.2 70.2

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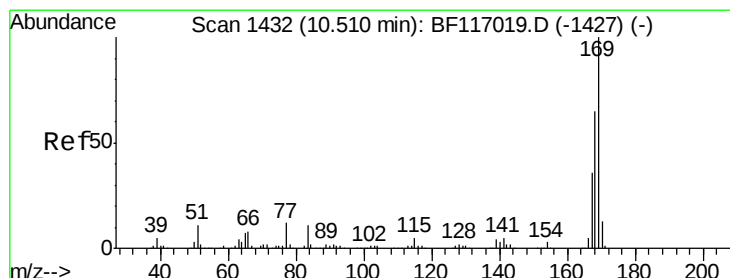
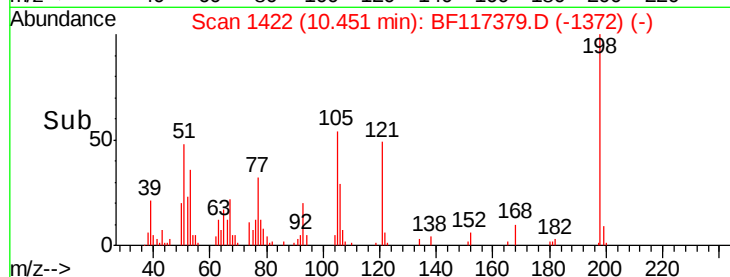
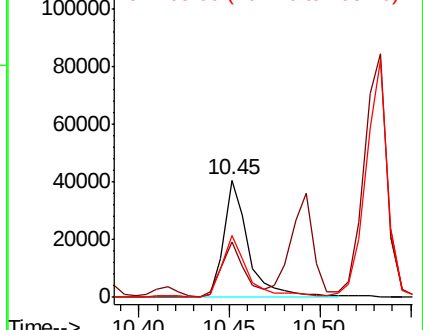
10/16/2019 8:05:55 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.262 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF117379.D

Acq: 12 Oct 2019 20:10

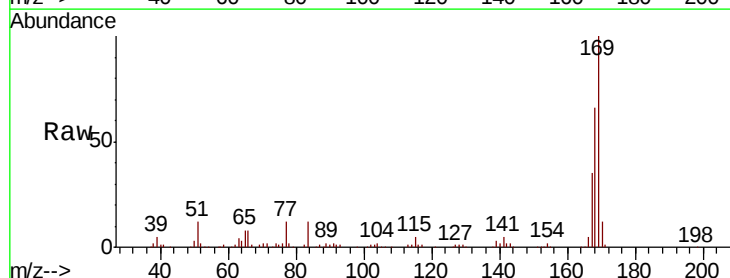
Tgt Ion:169 Resp: 259619

Ion Ratio Lower Upper

169 100

168 66.2 52.2 78.2

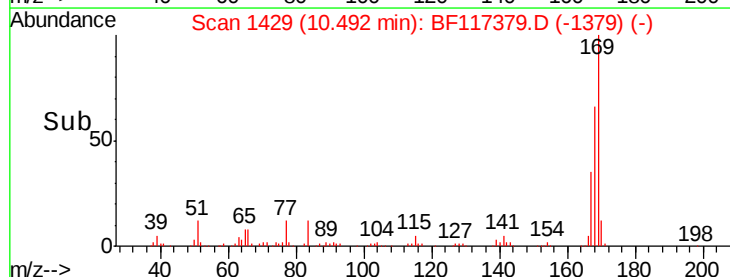
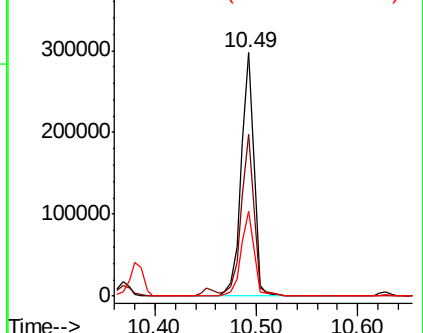
167 34.8 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





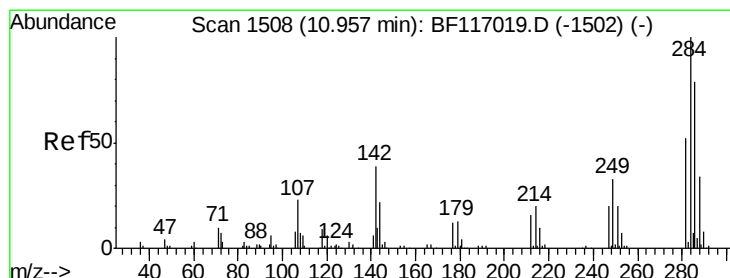
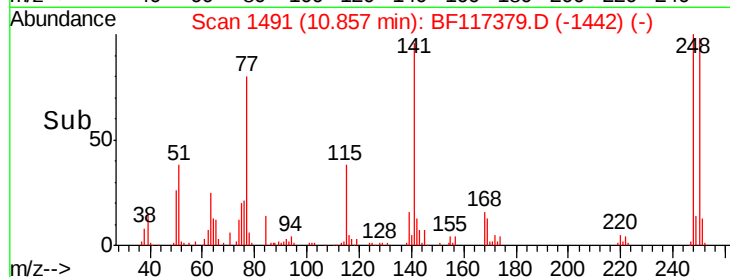
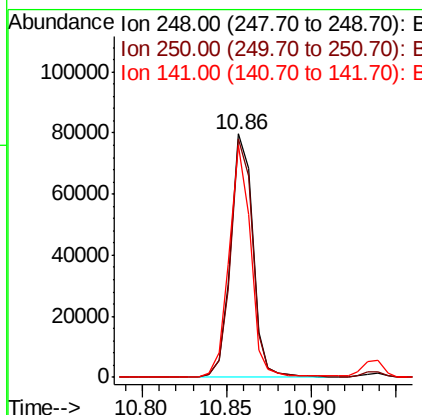
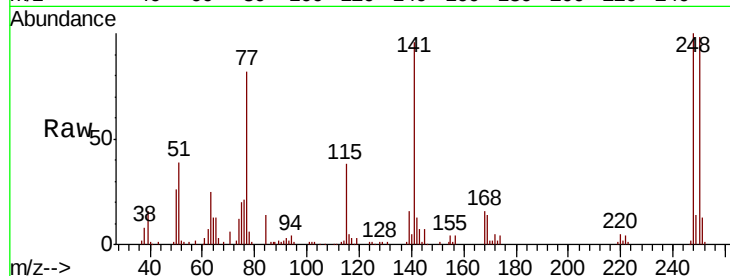
#67
4-Bromophenyl-phenylether
Concen: 41.150 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.2	114.4
141	95.6	75.0	112.4

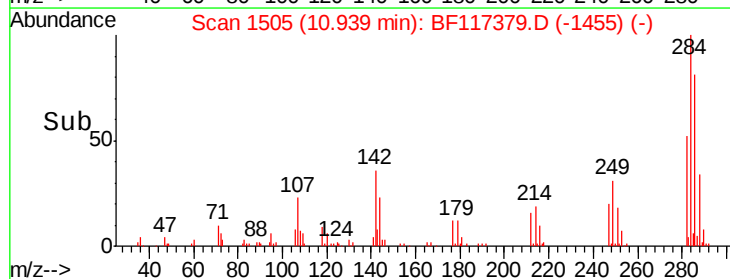
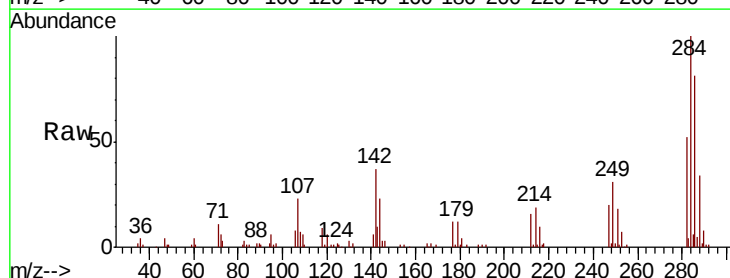
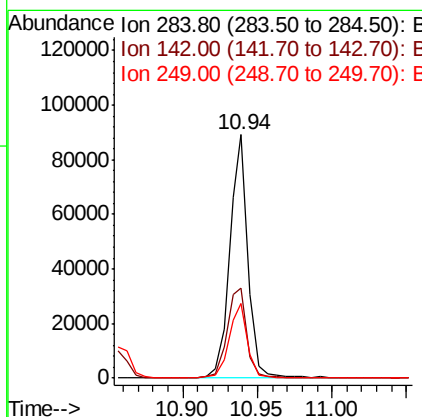
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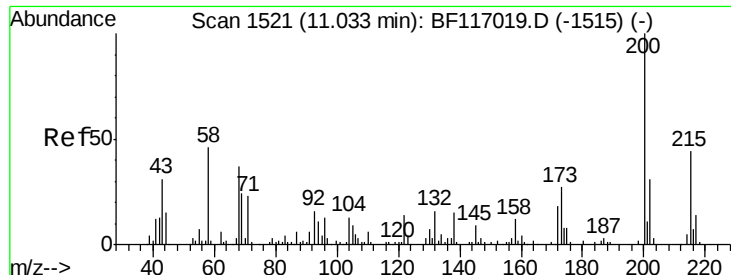
mohammad
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#68
Hexachlorobenzene
Concen: 39.381 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	31.4	47.2
249	30.8	26.5	39.7





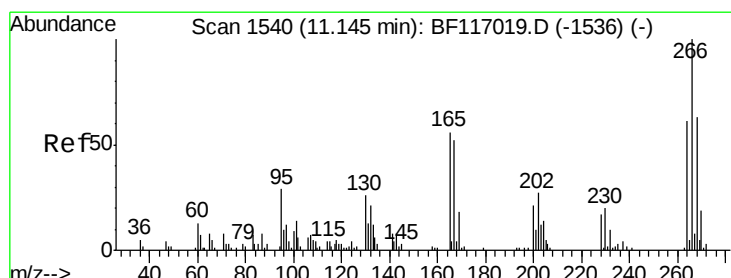
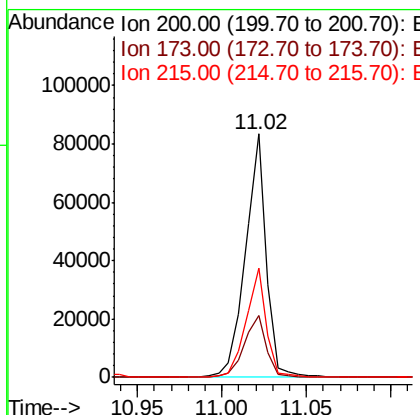
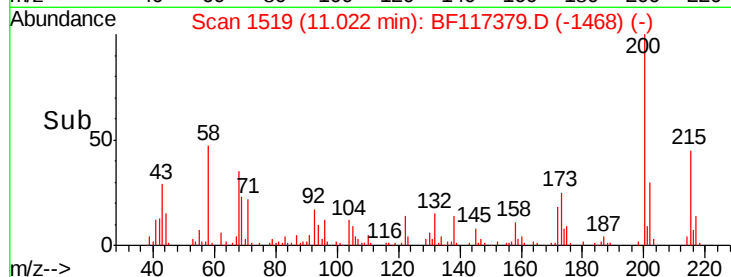
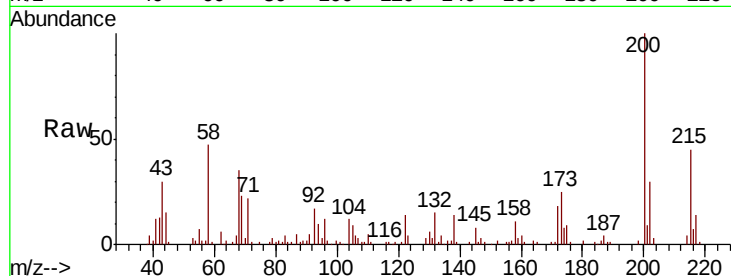
#69
Atrazine
Concen: 49.340 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	6.9	46.9
215	44.8	23.8	63.8

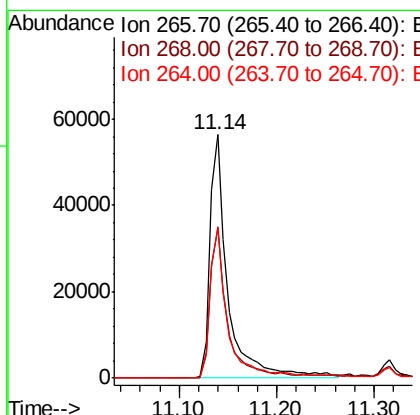
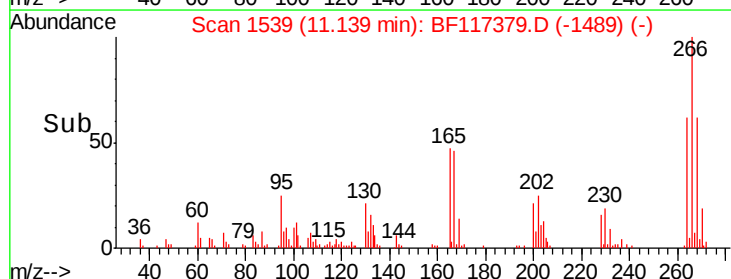
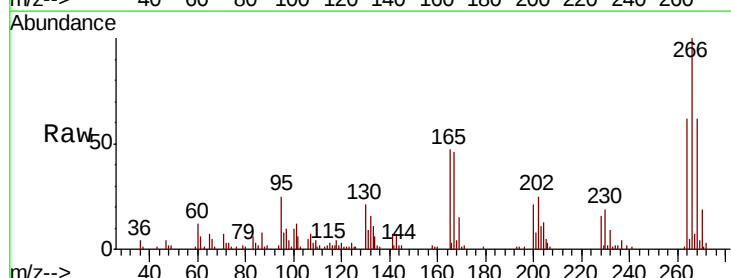
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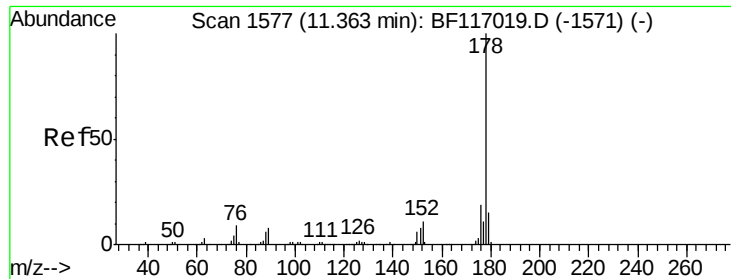
mohammad
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#70
Pentachlorophenol
Concen: 79.216 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	50.5	75.7
264	62.1	48.8	73.2





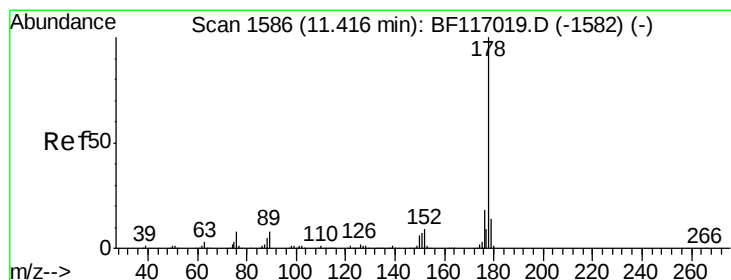
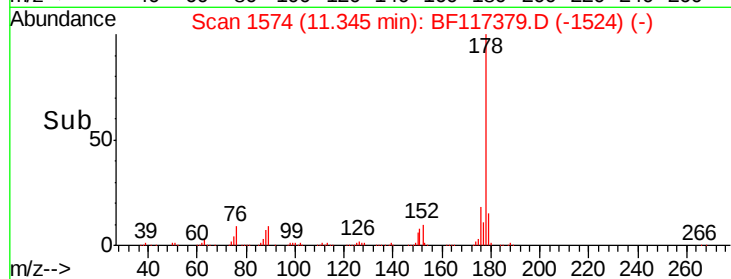
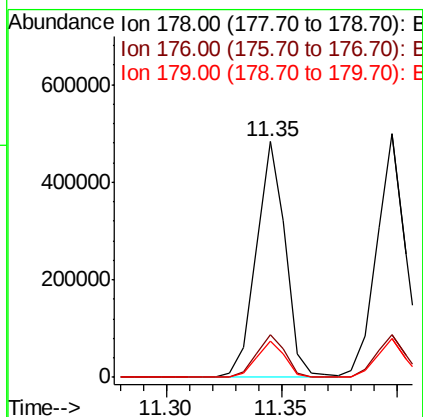
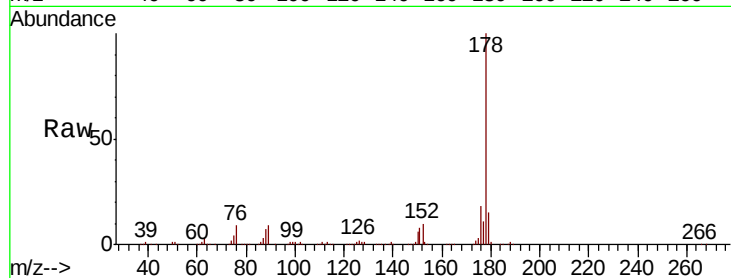
#71
Phenanthrene
Concen: 43.031 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.3	12.4	18.6

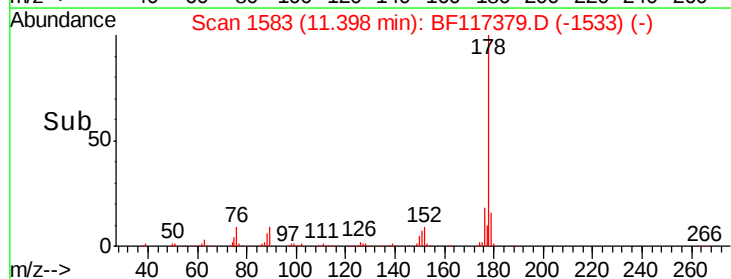
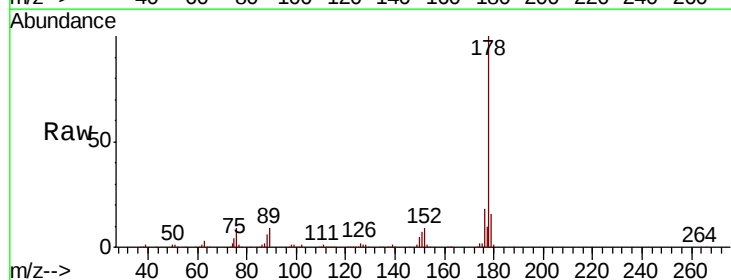
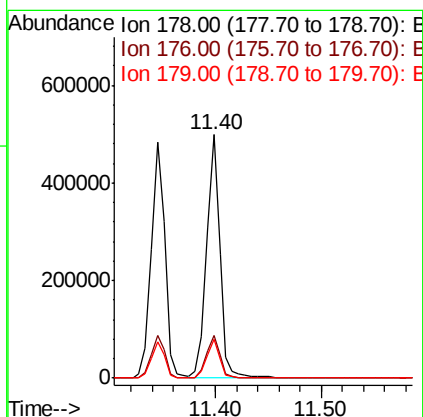
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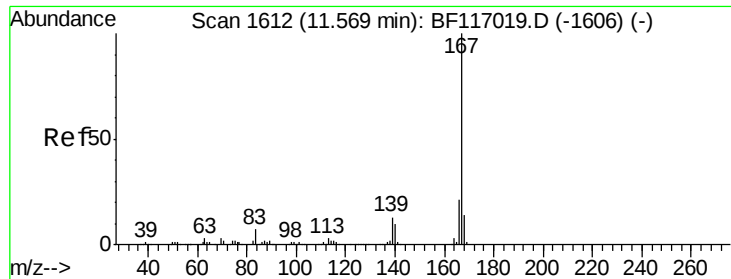
mohammad
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#72
Anthracene
Concen: 43.702 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	21.8
179	15.7	11.6	17.4





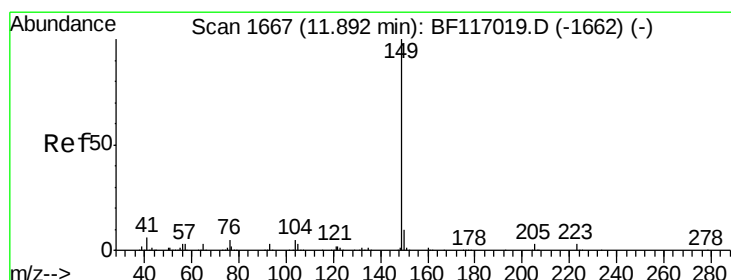
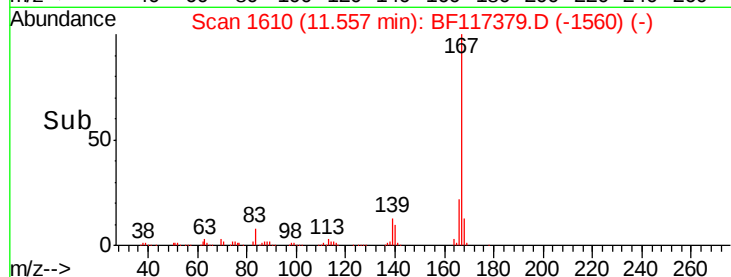
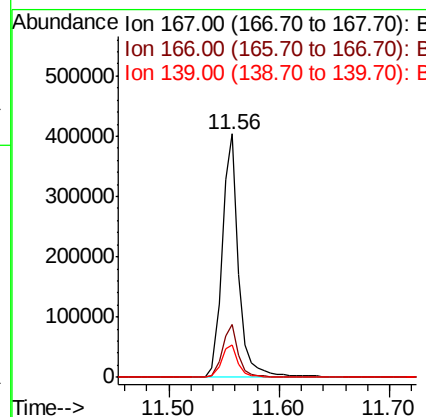
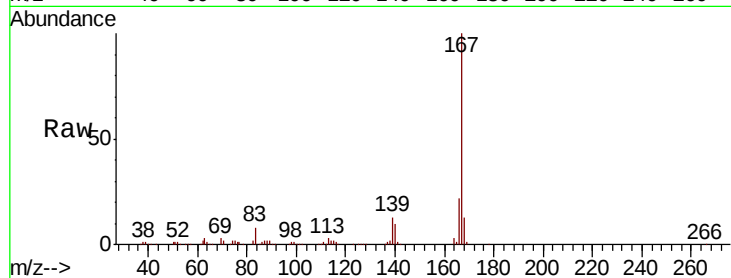
#73
 Carbazole
 Concen: 43.437 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF117379.D
 Acq: 12 Oct 2019 20:10

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.2	10.6	16.0

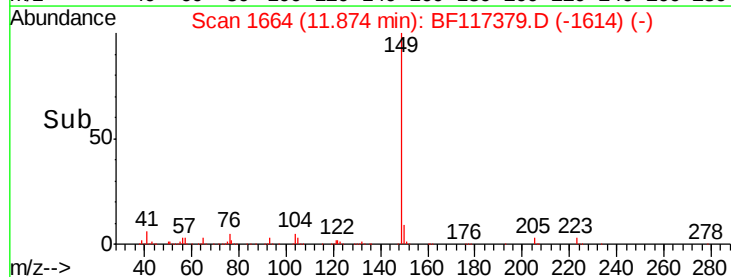
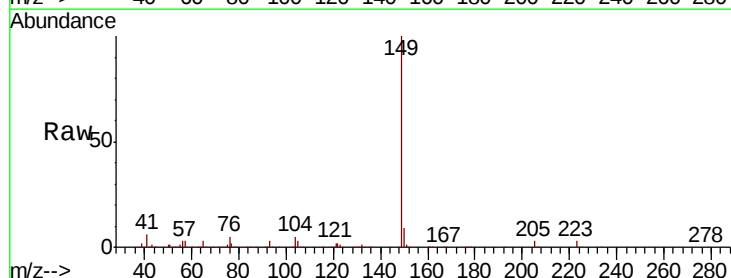
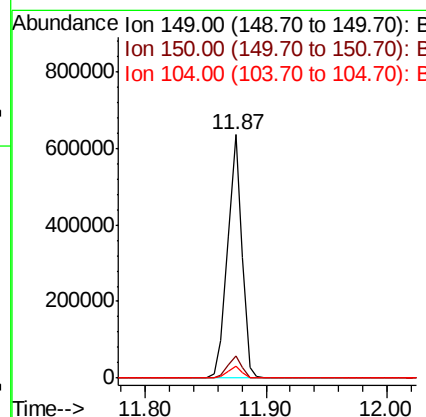
Manual Integrations
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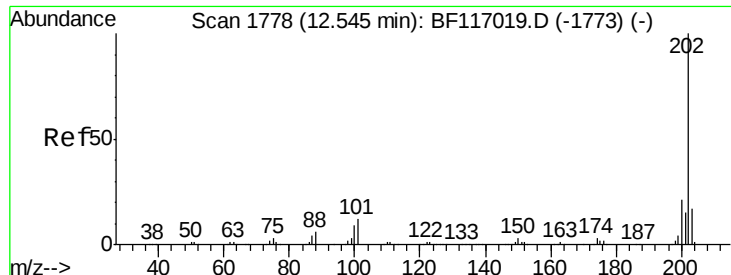
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.666 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF117379.D
 Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 44.423 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF117379.D

Acq: 12 Oct 2019 20:10

Instrument :

BNA_F

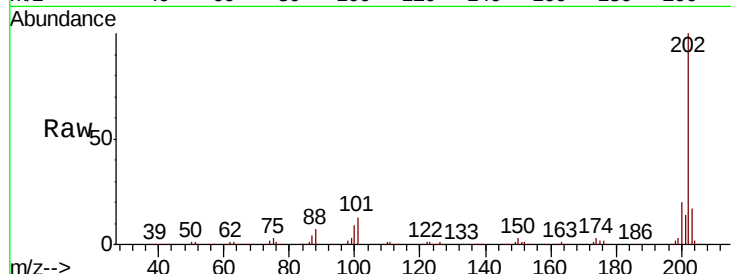
ClientSampleId :

HD-01-100919MSD

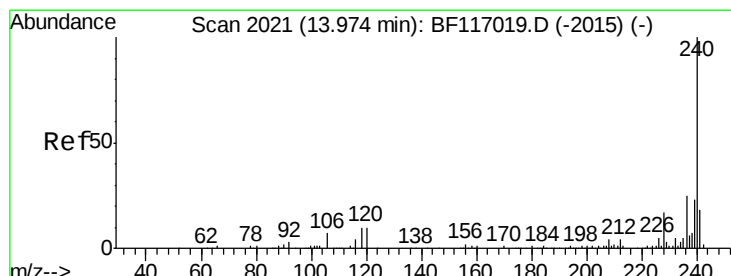
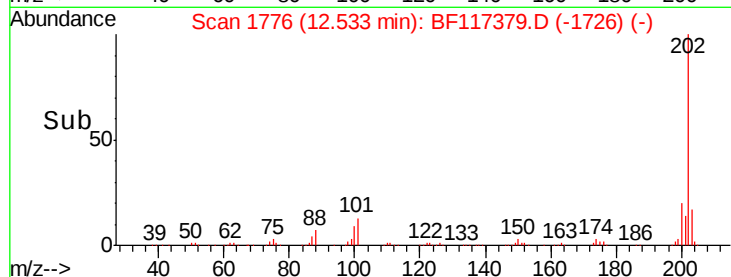
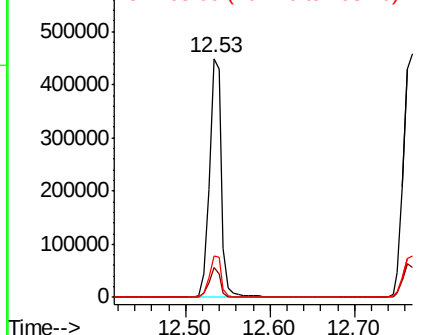
Tot Ion	Ratio	Resp	Lower	Upper
202	100	450493		
101	12.6		0.0	32.3
203	17.2		0.0	37.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

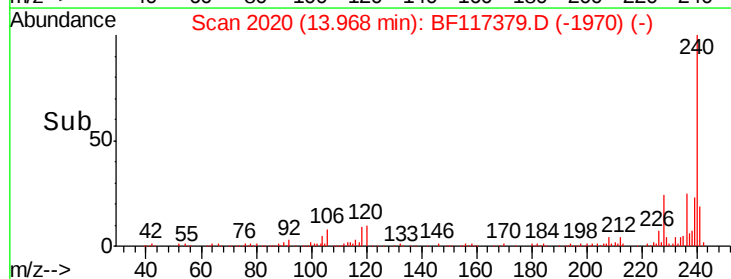
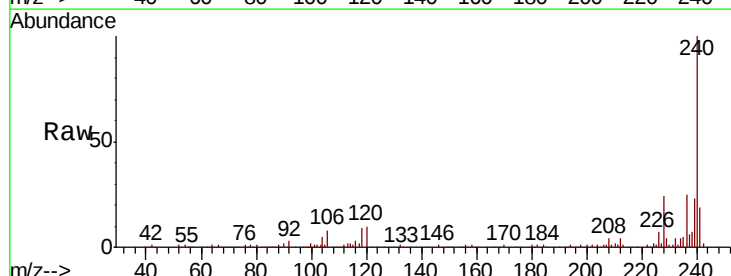
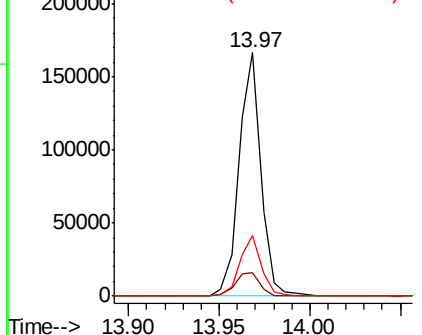
Delta R.T. -0.01 min

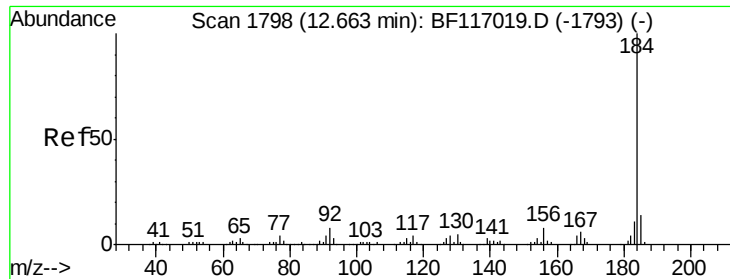
Lab File: BF117379.D

Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	139240		
120	9.6		8.3	12.5
236	24.8		20.3	30.5

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





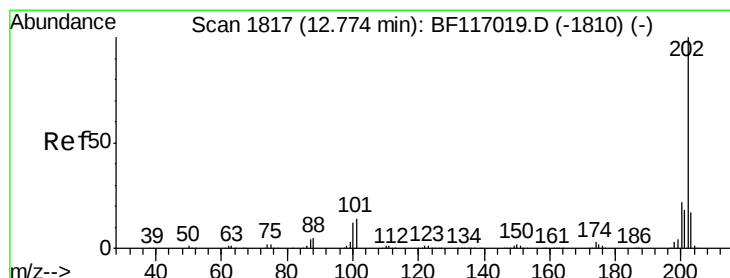
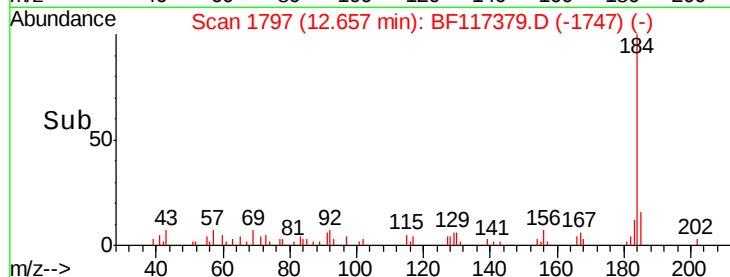
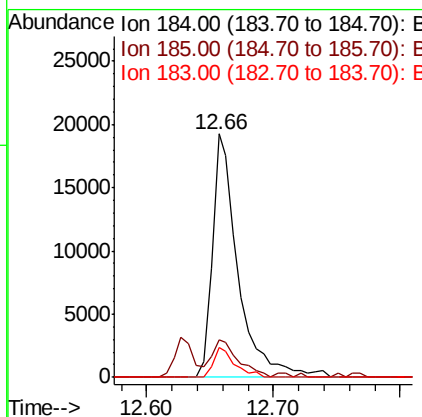
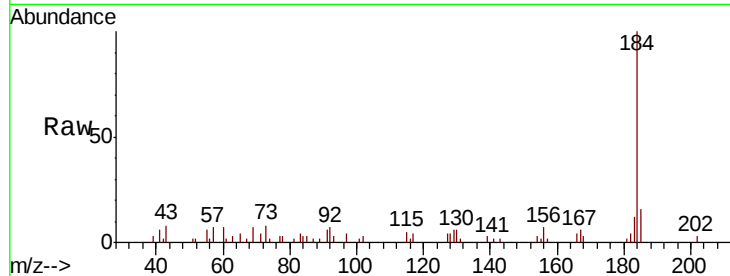
#77
Benzidine
Concen: 6.090 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.6	17.4
183	12.3	9.0	13.4

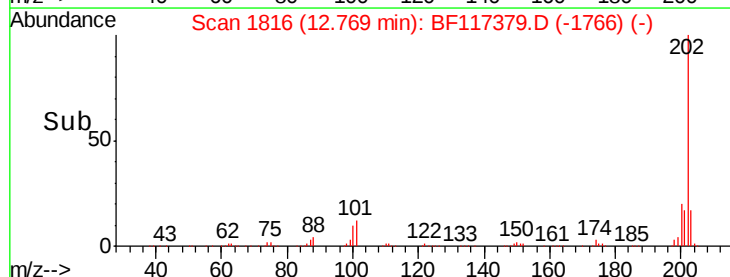
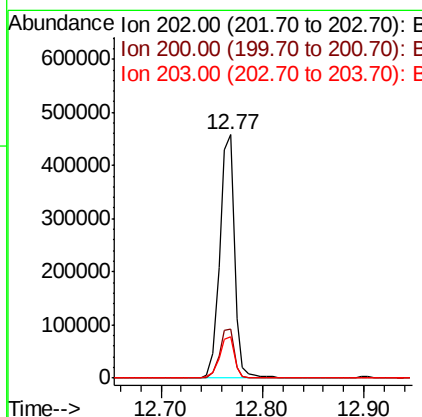
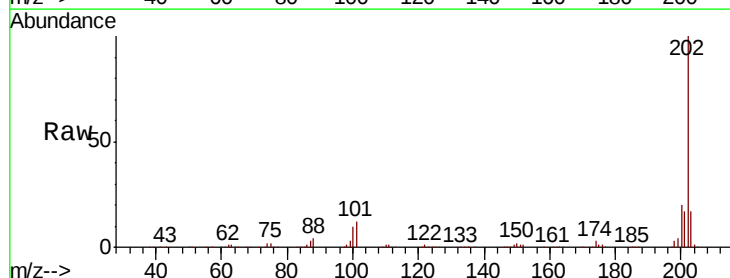
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#78
Pyrene
Concen: 39.784 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.2	25.8
203	17.2	14.0	21.0





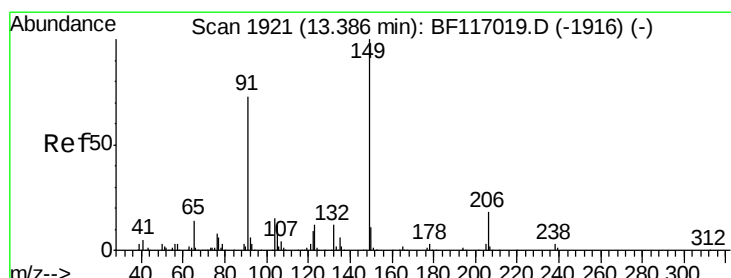
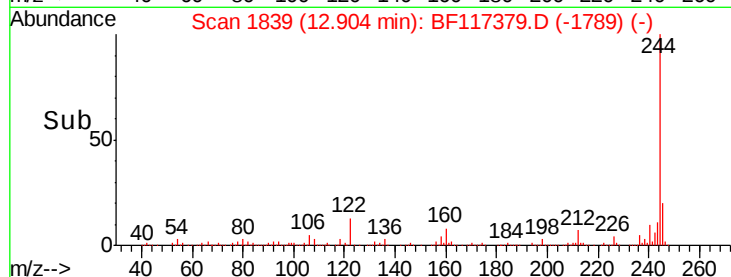
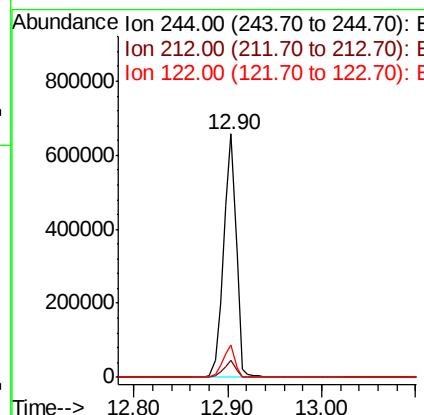
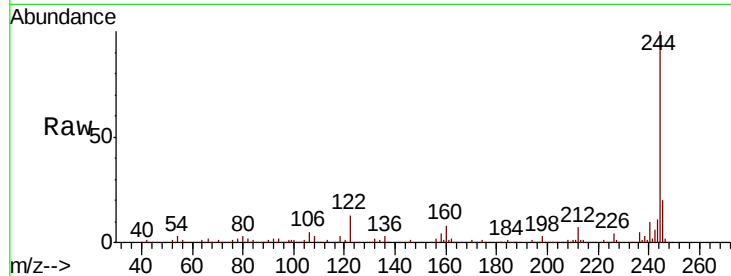
#79
 Terphenyl-d14
 Concen: 83.235 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF117379.D
 Acq: 12 Oct 2019 20:10

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.4	11.3	16.9

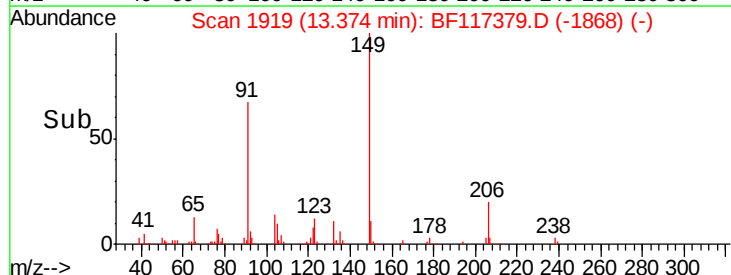
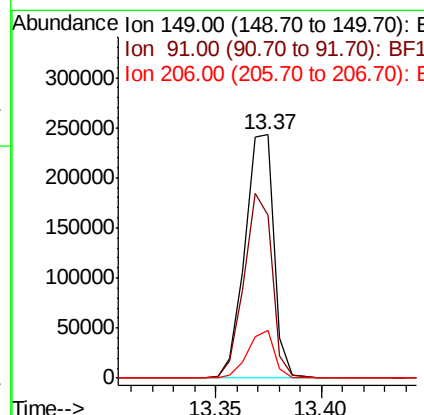
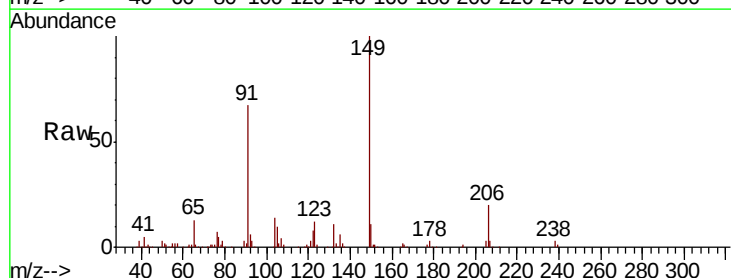
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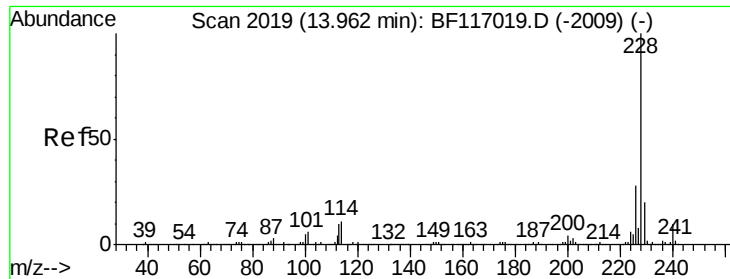
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#80
 Butylbenzylphthalate
 Concen: 42.110 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF117379.D
 Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.9	58.8	88.2
206	19.7	14.1	21.1





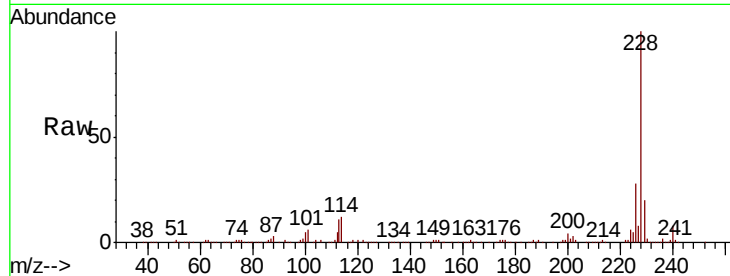
#81
Benzo(a)anthracene
Concen: 40.661 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.1	15.9	23.9

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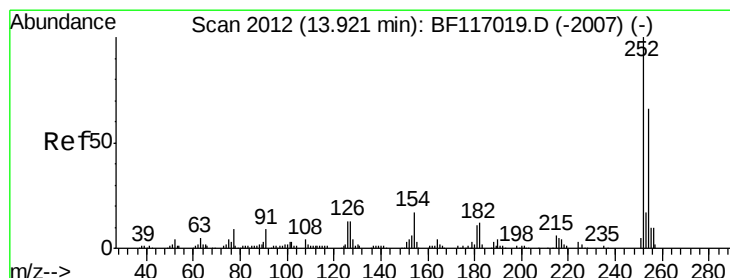
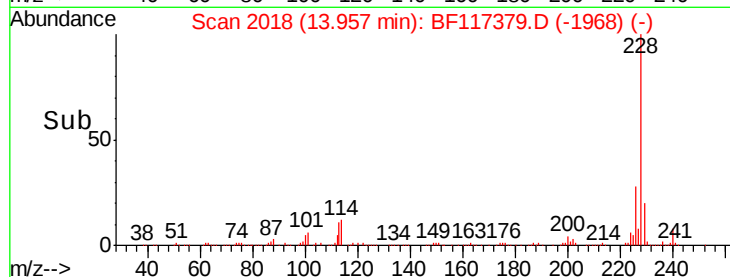
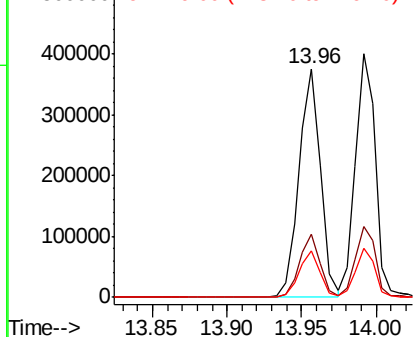


Abundance

Ion 228.00 (227.70 to 228.70): E

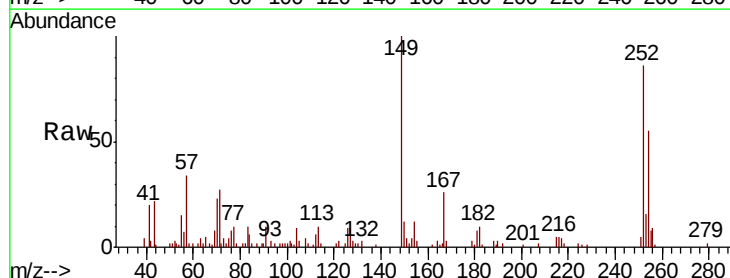
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 8.603 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.6	79.0
126	10.3	10.4	15.6#

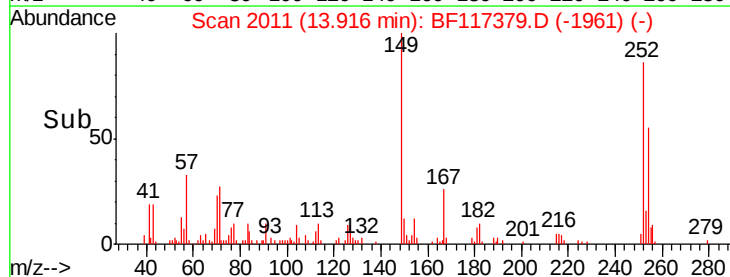
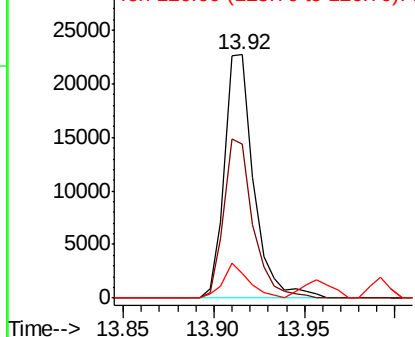


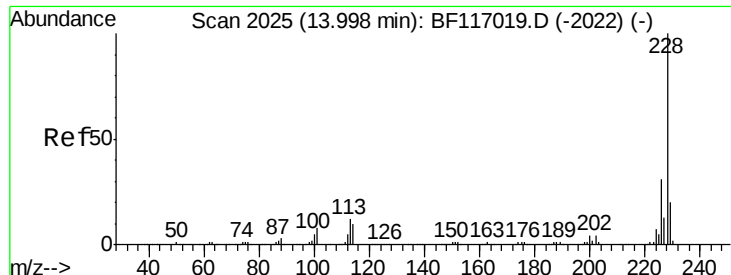
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





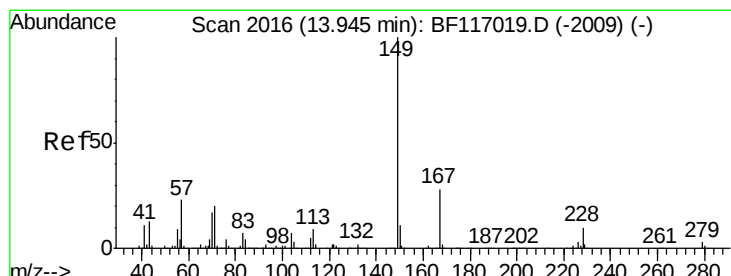
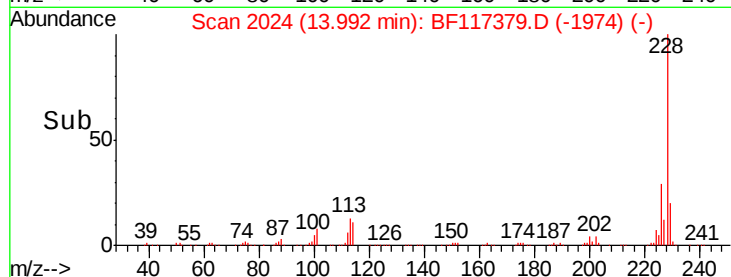
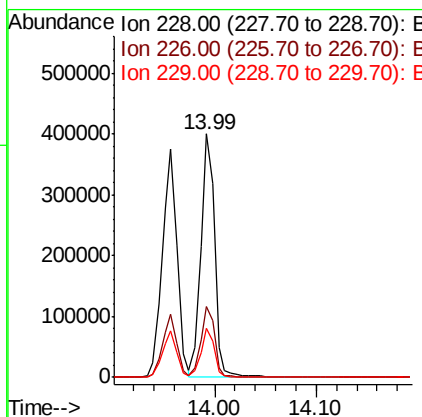
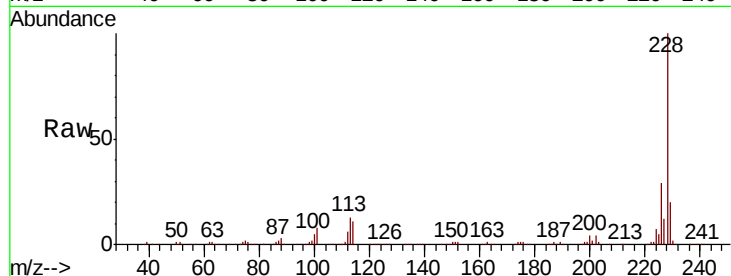
#83
Chrysene
Concen: 41.869 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.8	37.2
229	20.1	15.8	23.8

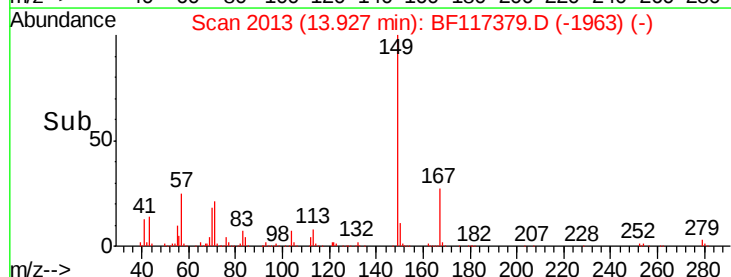
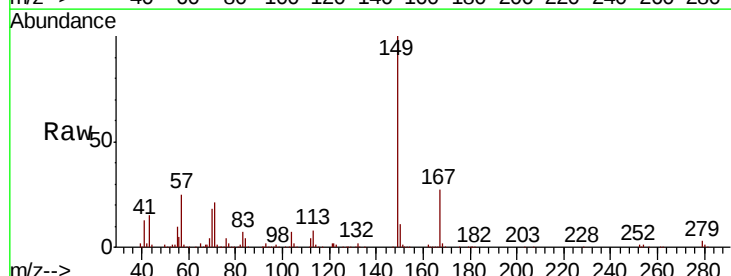
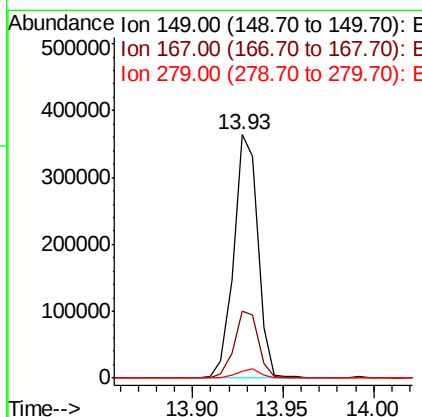
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.466 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.2
279	3.1	2.8	4.2





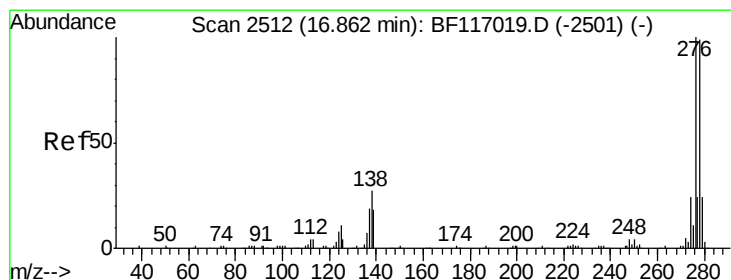
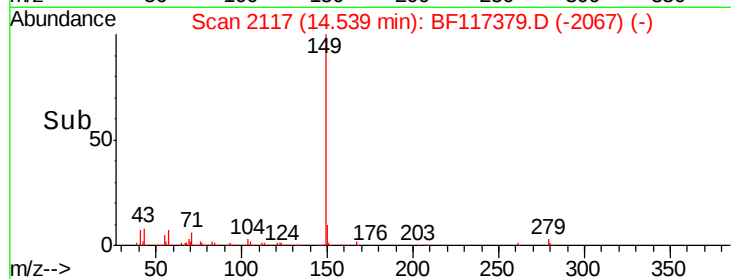
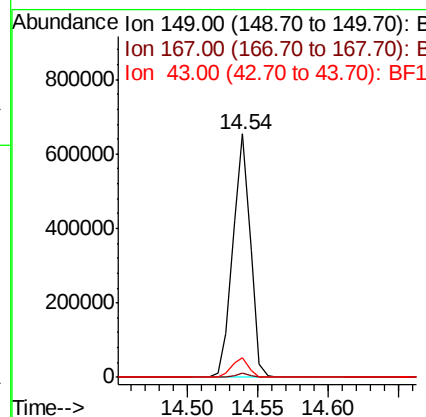
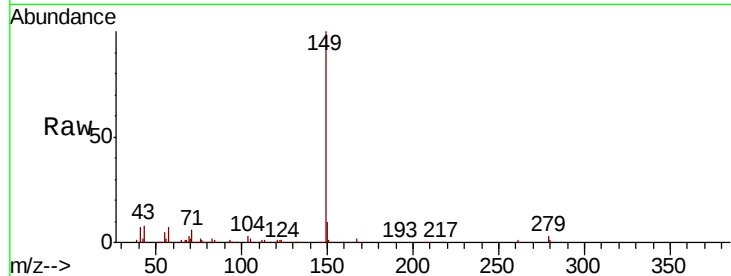
#85
Di-n-octyl phthalate
Concen: 50.129 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	561604		
167	1.5		1.2	1.8
43	7.7		6.2	9.4

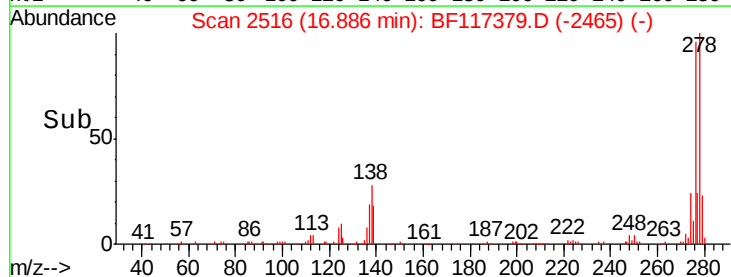
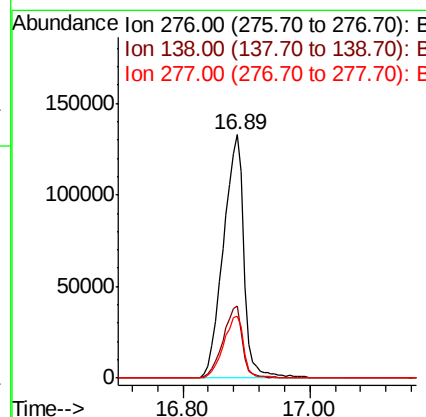
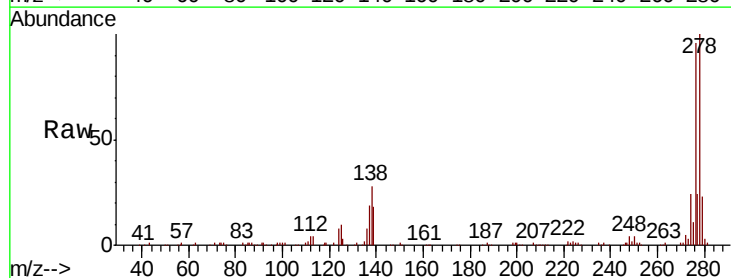
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.573 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	301667		
138	27.5		20.7	31.1
277	25.0		19.8	29.8





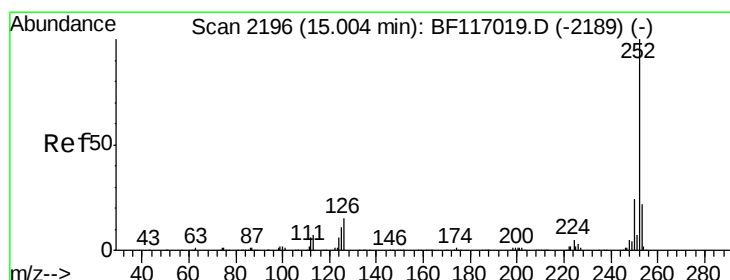
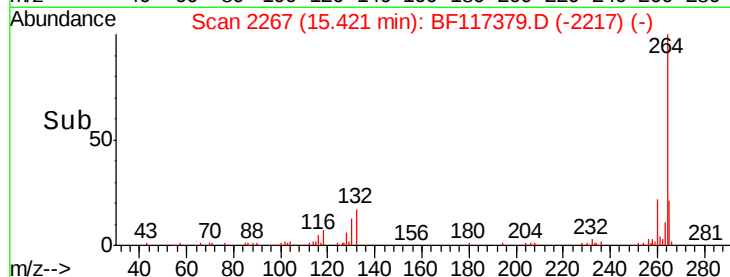
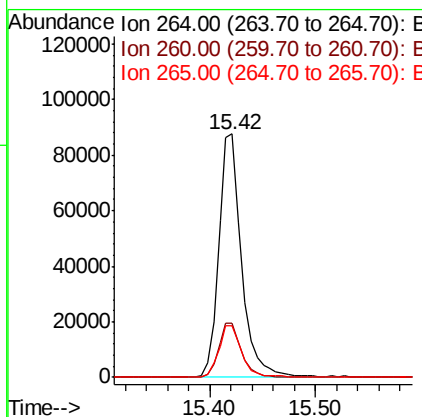
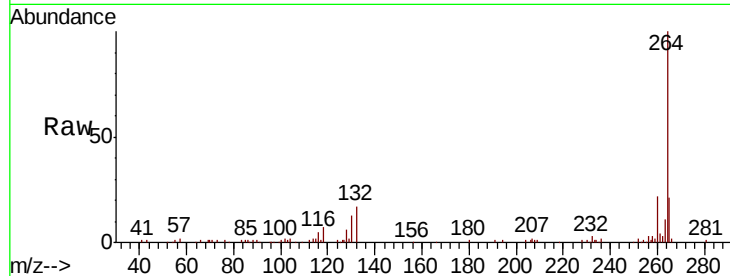
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.6	26.4
265	21.0	16.6	24.8

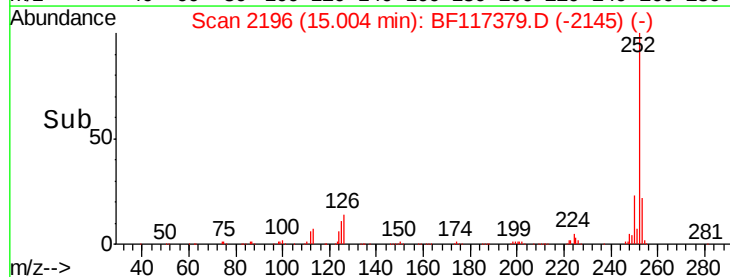
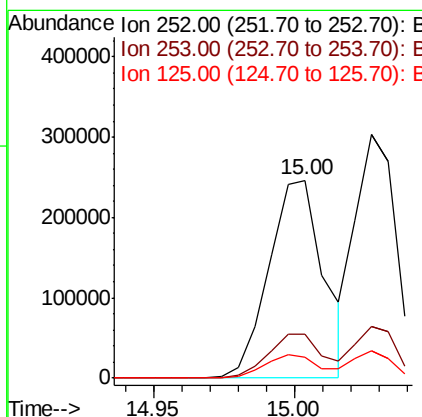
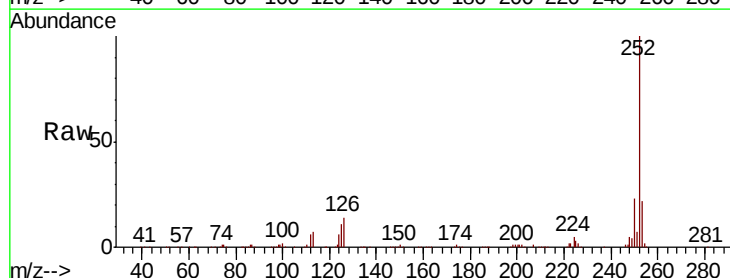
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#88
Benzo(b)fluoranthene
Concen: 41.599 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.6	8.6	12.8





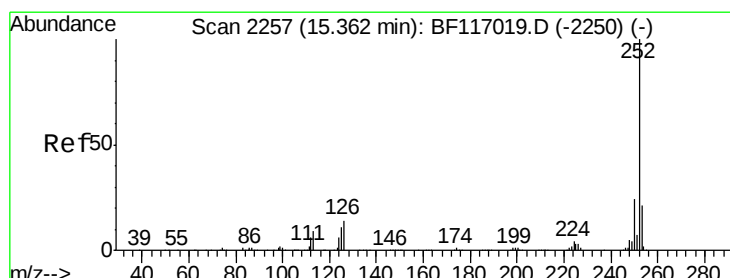
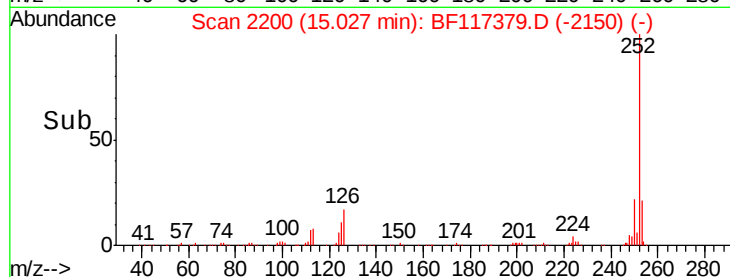
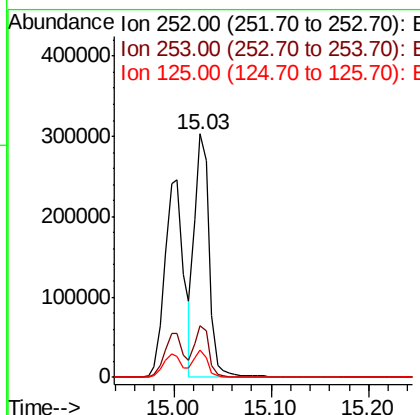
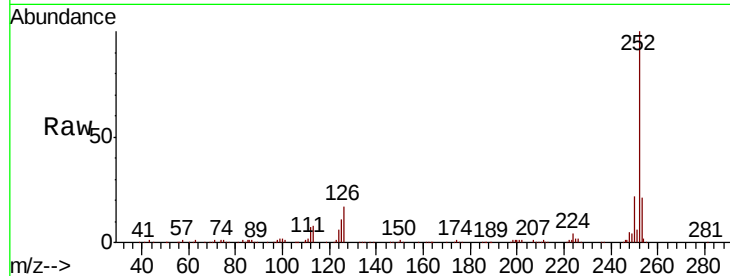
#89
Benzo(k)fluoranthene
Concen: 41.736 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	11.4	8.8	13.2

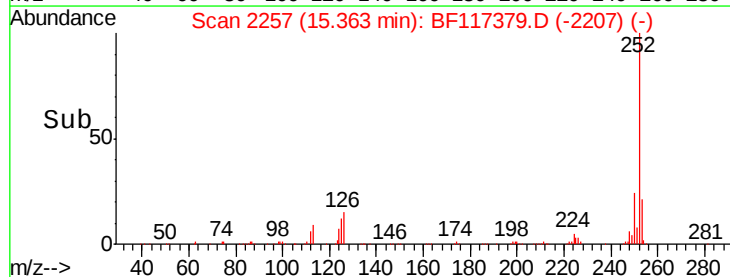
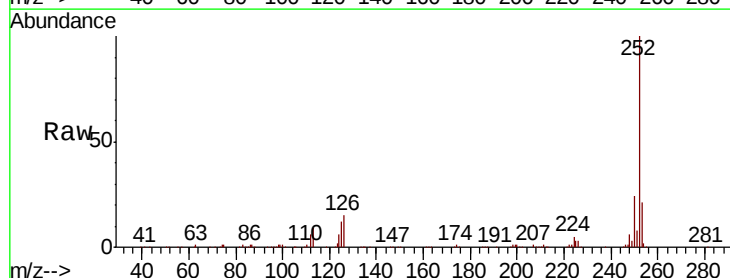
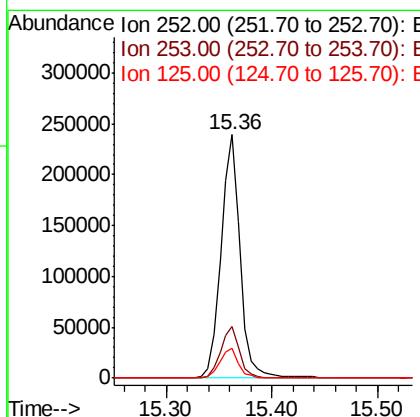
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#90
Benzo(a)pyrene
Concen: 43.002 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.6	25.0
125	12.2	8.9	13.3





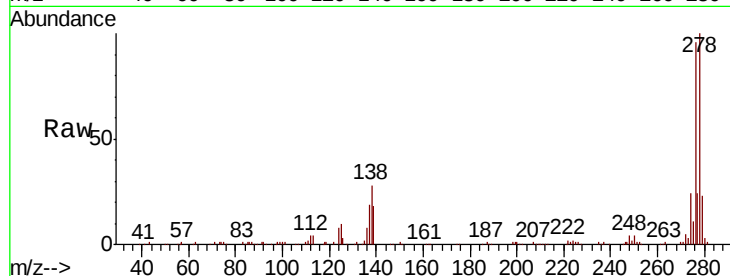
#91
Dibenzo(a,h)anthracene
Concen: 46.171 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.5	20.3
279	23.4	18.8	28.2

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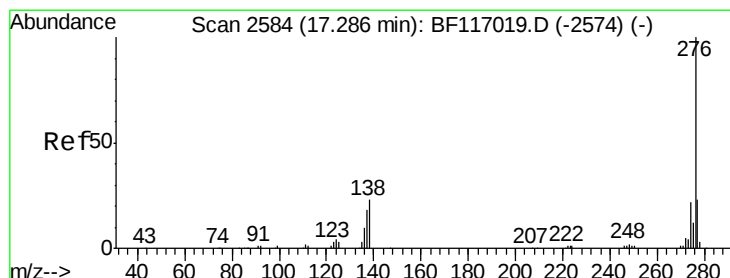
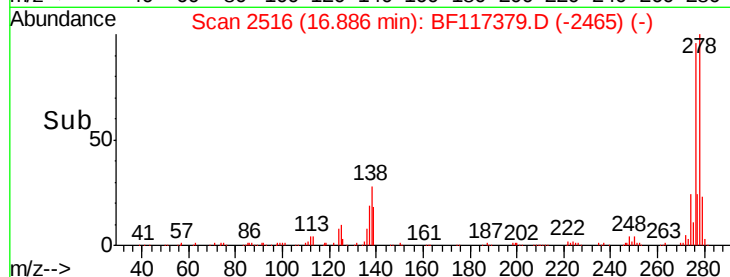
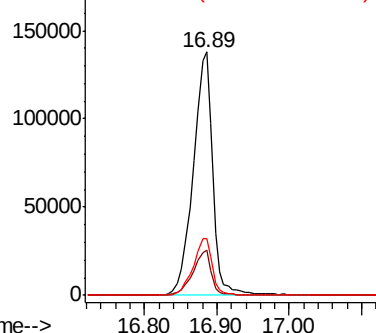


Abundance

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: 44.329 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF117379.D
Acq: 12 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	21.7	18.0	27.0

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

