

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117412.D
 Acq On : 16 Oct 2019 14:39
 Operator : JU
 Sample : K5148-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:30 AM

Quant Time: Oct 17 01:15:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	42312	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	167245	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	87536	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	149968	20.00	ng	0.00
76) Chrysene-d12	13.96	240	127389	20.00	ng	0.00
87) Perylene-d12	15.41	264	116389	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	375022	136.37	ng	0.01
7) Phenol-d6	6.45	99	496243	136.01	ng	0.00
23) Nitrobenzene-d5	7.36	82	315175	95.53	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	111013	155.82	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	576529	96.02	ng	0.00
79) Terphenyl-d14	12.90	244	648055	82.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	47319	41.798	ng	# 85
3) Pyridine	3.42	79	77758	26.989	ng	94
4) n-Nitrosodimethylamine	3.29	42	50481	49.722	ng	93
6) Aniline	6.47	93	42386	9.299	ng	# 72
8) 2-Chlorophenol	6.59	128	141308	46.219	ng	97
9) Benzaldehyde	6.36	77	18097	5.060	ng	96
10) Phenol	6.46	94	171444	43.524	ng	79
11) bis(2-Chloroethyl)ether	6.53	93	137369	45.869	ng	99
12) 1,3-Dichlorobenzene	6.73	146	139411	40.775	ng	98
13) 1,4-Dichlorobenzene	6.81	146	140569	40.332	ng	99
14) 1,2-Dichlorobenzene	6.96	146	136112	41.346	ng	98
15) Benzyl Alcohol	6.95	79	127220	45.574	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	135307	43.027	ng	90
17) 2-Methylphenol	7.06	107	117526	46.046	ng	94
18) Hexachloroethane	7.30	117	55002	40.590	ng	94
19) n-Nitroso-di-n-propylamine	7.21	70	105862	45.504	ng	94
20) 3+4-Methylphenols	7.22	107	159527	48.541	ng	89
22) Acetophenone	7.20	105	209372	47.708	ng	95
24) Nitrobenzene	7.37	77	162215	49.082	ng	97
25) Isophorone	7.62	82	293226	49.891	ng	100
26) 2-Nitrophenol	7.69	139	74746	50.974	ng	92
27) 2,4-Dimethylphenol	7.73	122	124571	55.897	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	174674	47.941	ng	98
29) 2,4-Dichlorophenol	7.95	162	117583	51.133	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	113805	45.909	ng	99
31) Naphthalene	8.09	128	414238	49.596	ng	98
32) Benzoic acid	7.90	122	76729	50.357	ng	95
33) 4-Chloroaniline	8.16	127	28672	8.083	ng	97
34) Hexachlorobutadiene	8.21	225	62752	44.199	ng	99
35) Caprolactam	8.53	113	39956m	55.485	ng	
36) 4-Chloro-3-methylphenol	8.65	107	139277	53.228	ng	99
37) 2-Methylnaphthalene	8.79	142	280773	49.783	ng	96
38) 1-Methylnaphthalene	8.88	142	263881	49.659	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	111540	47.345	ng	98

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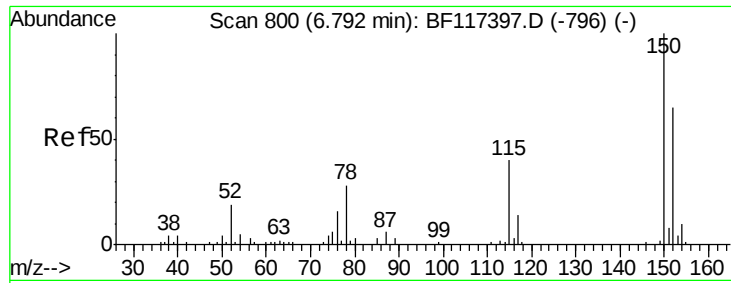
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	54196	123.193	nq	95
43) 2,4,6-Trichlorophenol	9.07	196	78625	52.736	nq	94
44) 2,4,5-Trichlorophenol	9.13	196	82234	54.073	nq	97
46) 1,1'-Biphenyl	9.25	154	342632	47.913	nq	97
47) 2-Chloronaphthalene	9.27	162	265634	47.651	nq	99
48) 2-Nitroaniline	9.38	65	88360	49.678	nq	97
49) Acenaphthylene	9.69	152	418290	51.184	nq	100
50) Dimethylphthalate	9.55	163	318052	50.592	nq	99
51) 2,6-Dinitrotoluene	9.62	165	69201	52.370	nq #	88
52) Acenaphthene	9.86	154	248772	50.097	nq	99
53) 3-Nitroaniline	9.79	138	27160	16.832	nq #	90
54) 2,4-Dinitrophenol	9.92	184	60966	106.086	nq	91
55) Dibenzofuran	10.03	168	375489	51.835	nq	98
56) 4-Nitrophenol	9.97	139	84984	114.386	nq #	80
57) 2,4-Dinitrotoluene	10.03	165	95868	54.984	nq	98
58) Fluorene	10.37	166	312442	51.802	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	62523	53.181	nq	96
60) Diethylphthalate	10.25	149	326520	51.526	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	135112	50.596	nq	94
62) 4-Nitroaniline	10.41	138	70841	46.184	nq	98
63) Azobenzene	10.53	77	335689	51.627	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	42576	52.610	nq	96
66) n-Nitrosodiphenylamine	10.49	169	272943	48.719	nq	97
67) 4-Bromophenyl-phenylether	10.85	248	79360	48.246	nq	95
68) Hexachlorobenzene	10.93	284	81902	46.363	nq #	90
69) Atrazine	11.02	200	62183	68.450	nq	99
70) Pentachlorophenol	11.13	266	76704	145.139	nq	93
71) Phenanthrene	11.34	178	456751	51.522	nq	100
72) Anthracene	11.39	178	465239	50.836	nq	99
73) Carbazole	11.55	167	441030	53.052	nq	98
74) Di-n-butylphthalate	11.87	149	558039	49.574	nq	99
75) Fluoranthene	12.53	202	481477	54.619	nq	97
77) Benzidine	12.66	184	3115	0.989	nq #	52
78) Pyrene	12.76	202	494002	43.871	nq	100
80) Butylbenzylphthalate	13.36	149	245537	43.364	nq	94
81) Benzo(a)anthracene	13.95	228	421973	48.277	nq	98
82) 3,3'-Dichlorobenzidine	13.91	252	35443	12.825	nq	99
83) Chrysene	13.99	228	416469	48.316	nq	98
84) Bis(2-ethylhexyl)phthalate	13.92	149	352767	44.186	nq #	97
85) Di-n-octyl phthalate	14.53	149	597213	49.135	nq	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	314688	52.212	nq	99
88) Benzo(b)fluoranthene	15.00	252	373866	51.598	nq	99
89) Benzo(k)fluoranthene	15.03	252	352269	48.921	nq	98
90) Benzo(a)pyrene	15.36	252	338259	52.719	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	271449	49.372	nq	96
92) Benzo(g,h,i)perylene	17.30	276	252643	48.275	nq	95

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



#1

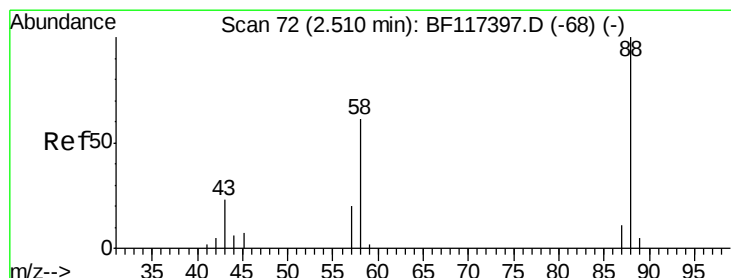
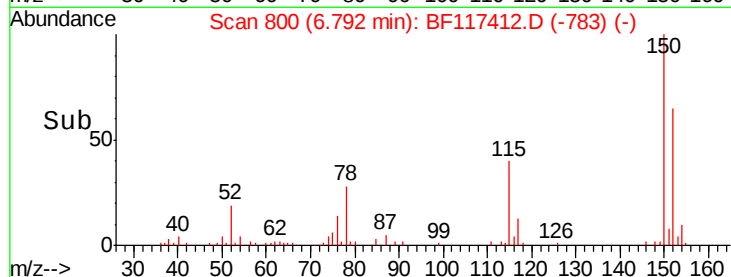
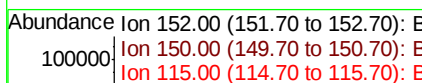
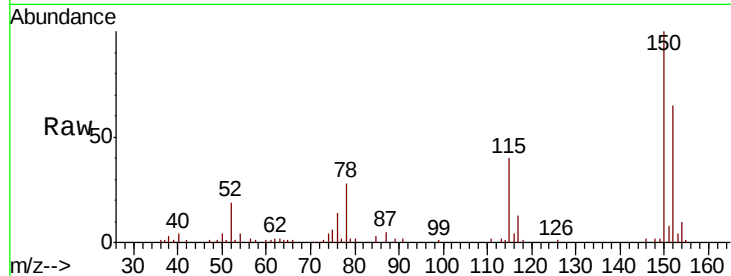
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	61.2	48.6	73.0

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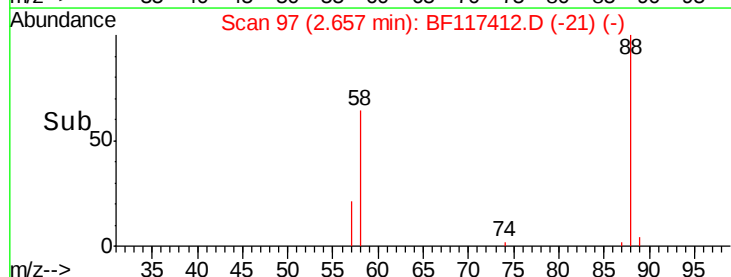
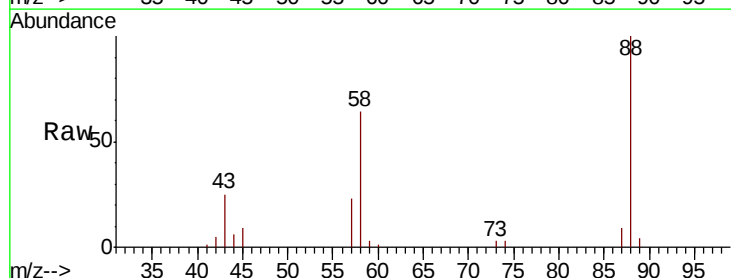
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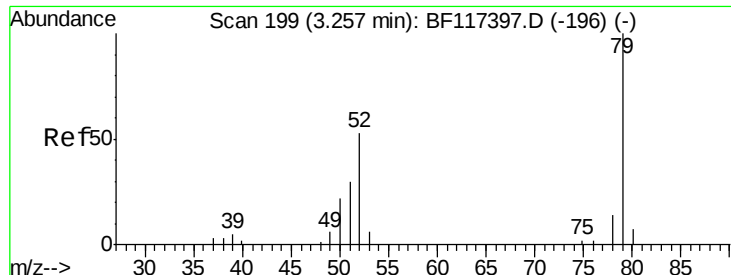


#2

1,4-Dioxane
Concen: 41.798 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.15 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.9	49.4	74.2
43	0.0	18.1	27.1





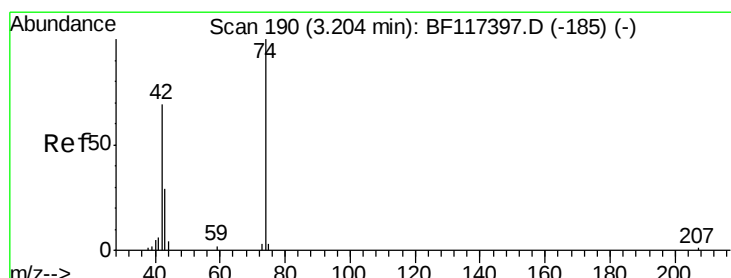
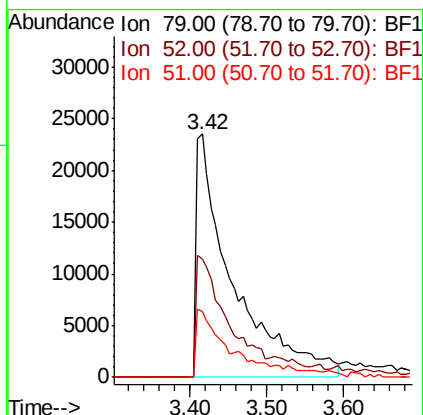
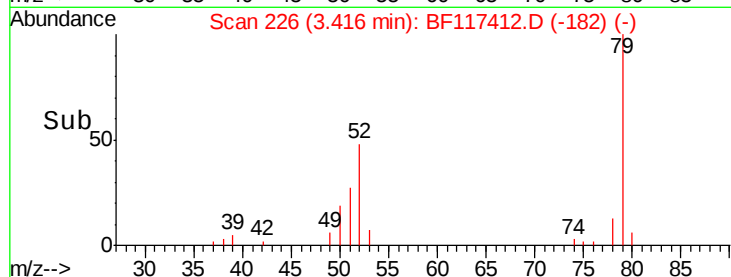
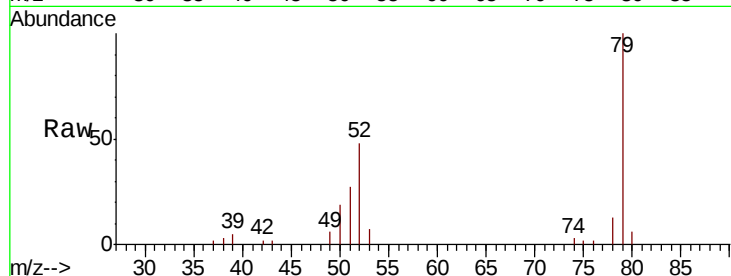
#3
 Pvridine
 Concen: 26.989 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.16 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	48.3	42.7	64.1
51	27.1	23.8	35.8

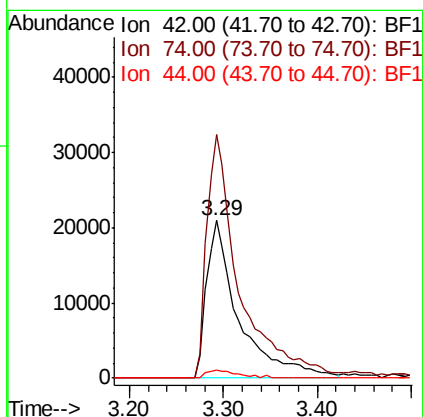
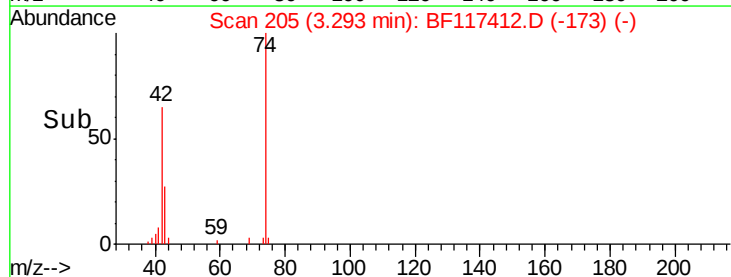
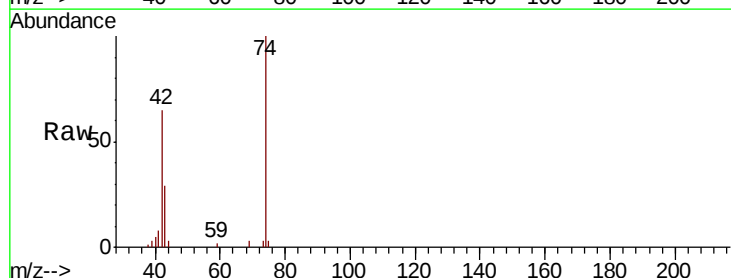
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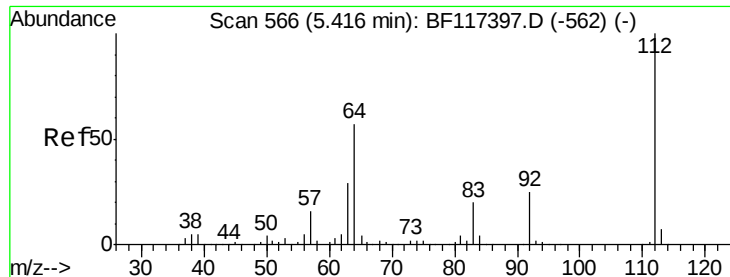
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#4
 n-Nitrosodimethylamine
 Concen: 49.722 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.09 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.4	116.2	174.4
44	5.1	4.2	6.4





#5

2-Fluorophenol

Concen: 136.373 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

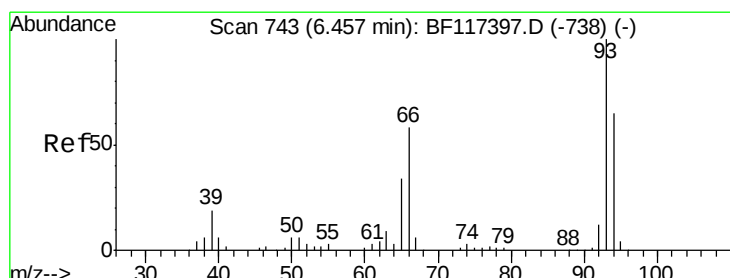
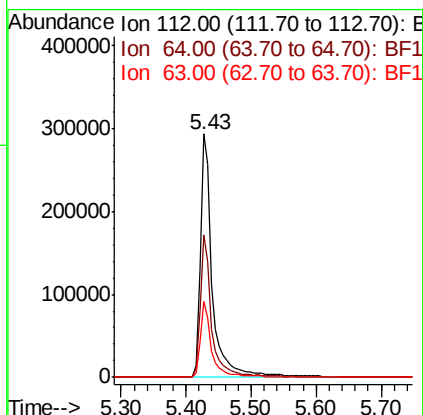
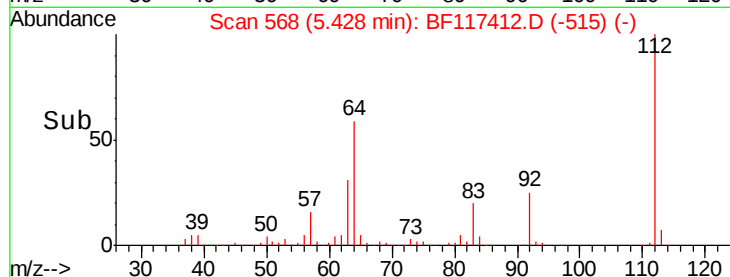
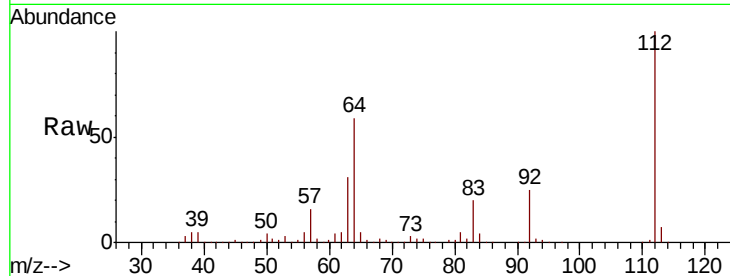
ClientSampleId :

OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.2	67.8
63	31.3	23.4	35.2

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#6

Aniline

Concen: 9.299 ng

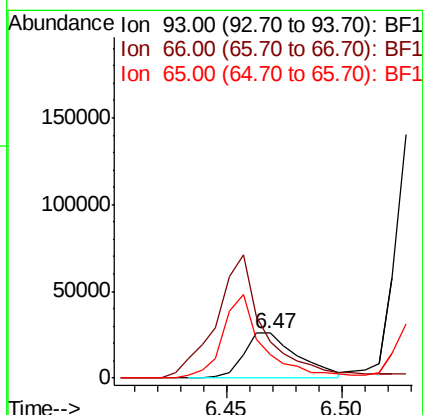
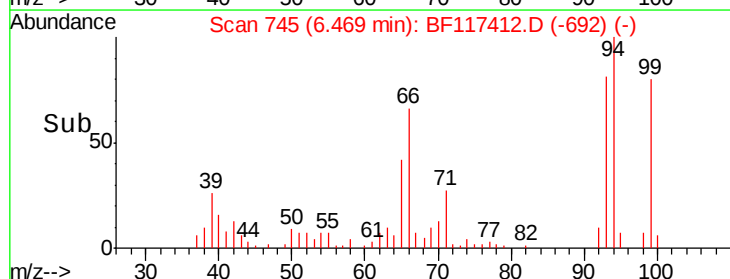
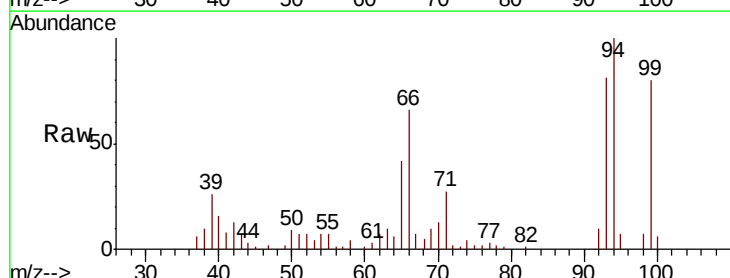
RT: 6.47 min Scan# 745

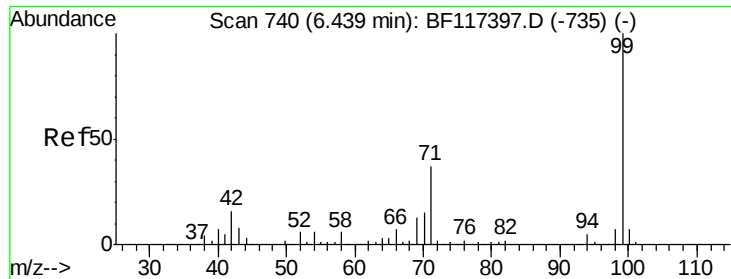
Delta R.T. 0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	81.3	48.4	72.6#
65	52.2	27.8	41.6#





#7

Phenol-d6

Concen: 136.006 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

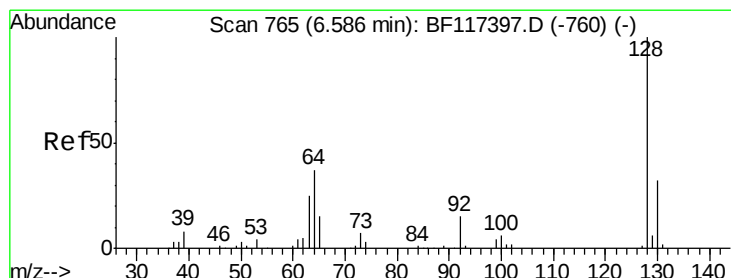
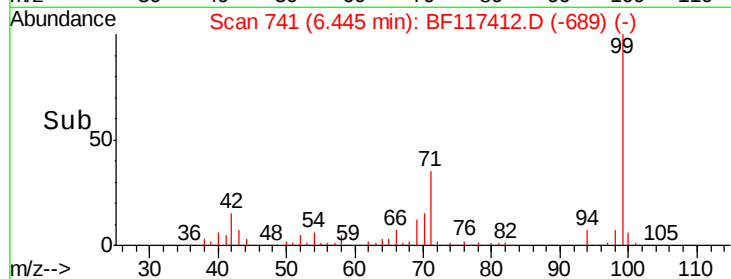
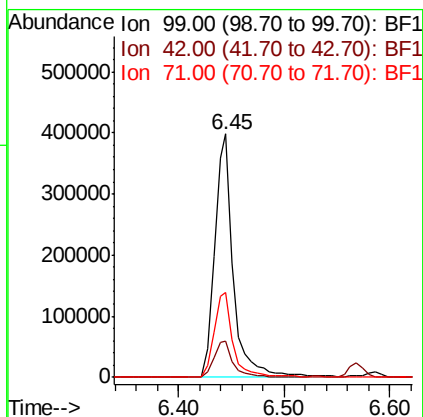
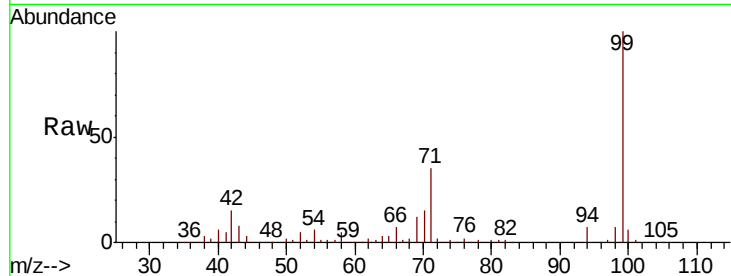
ClientSampleId :

OR-03-101119MS

Tot Ion:	99	Resp:	496243
Ion Ratio	Lower	Upper	
99	100		
42	14.9	12.5	18.7
71	35.1	29.2	43.8

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#8

2-Chlorophenol

Concen: 46.219 ng

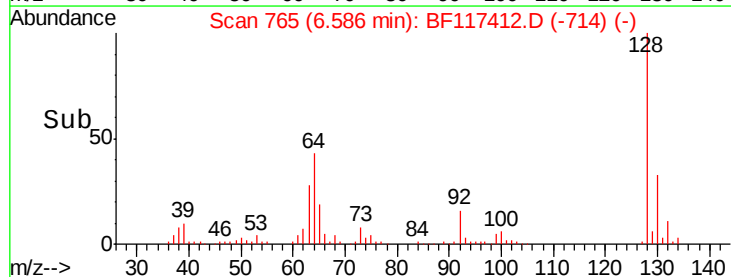
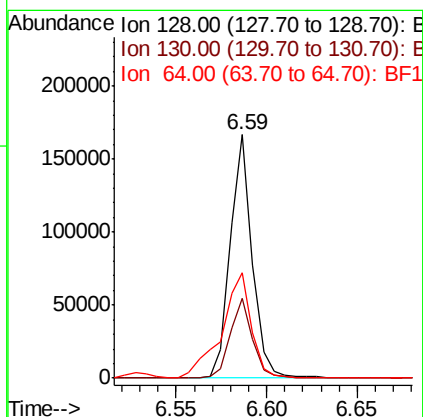
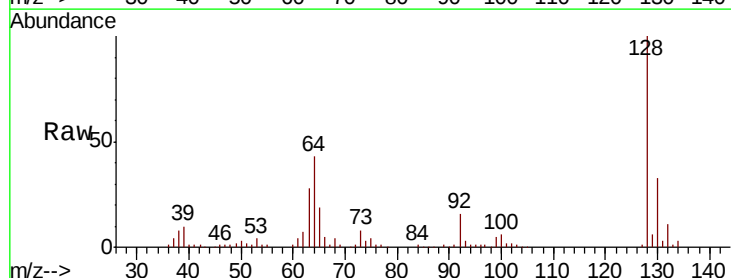
RT: 6.59 min Scan# 765

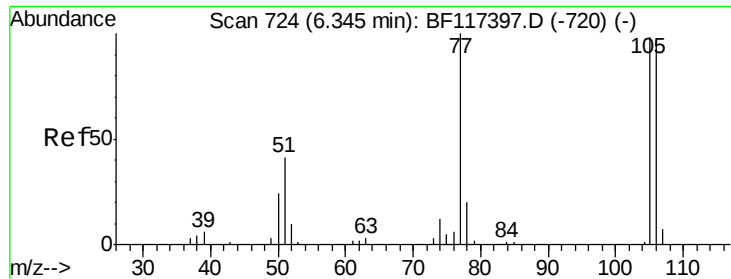
Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Tgt Ion:	128	Resp:	141308
Ion Ratio	Lower	Upper	
128	100		
130	32.7	11.7	51.7
64	43.4	20.4	60.4





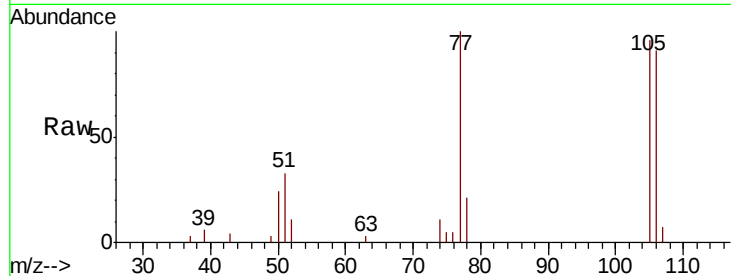
#9
Benzaldehyde
Concen: 5.060 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

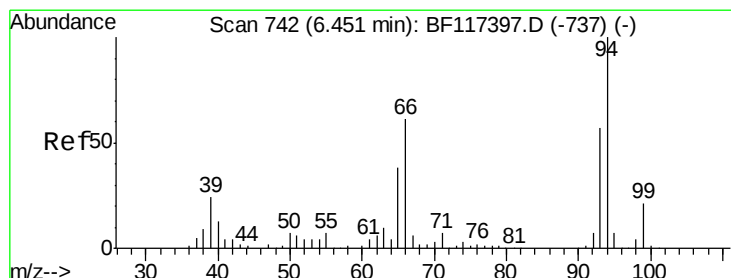
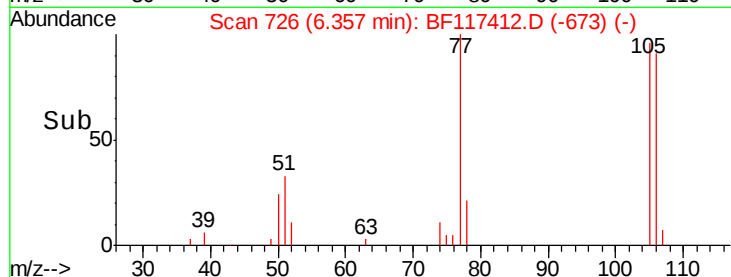
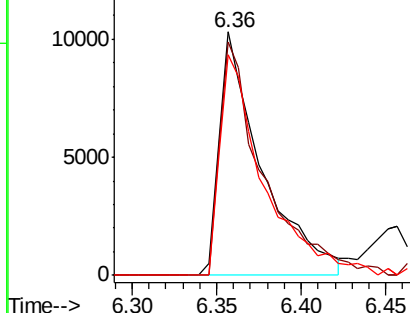
Tot Ion	Ratio	Lower	Upper
77	100		
105	95.9	77.9	117.9
106	90.7	77.2	117.2

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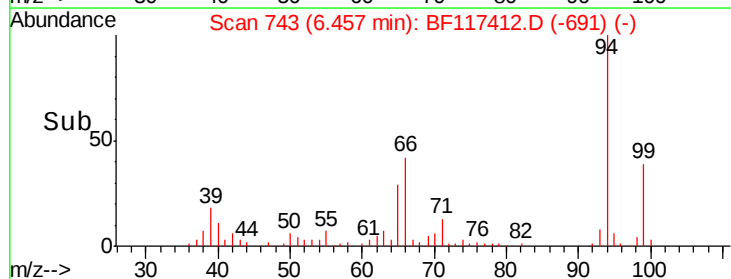
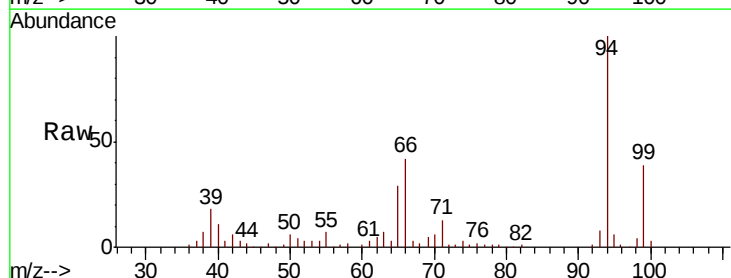
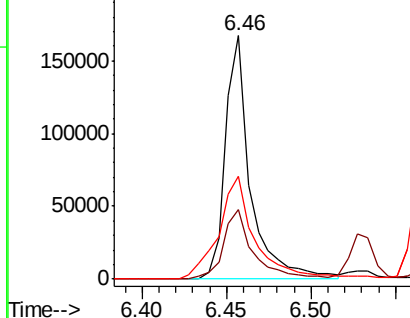
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

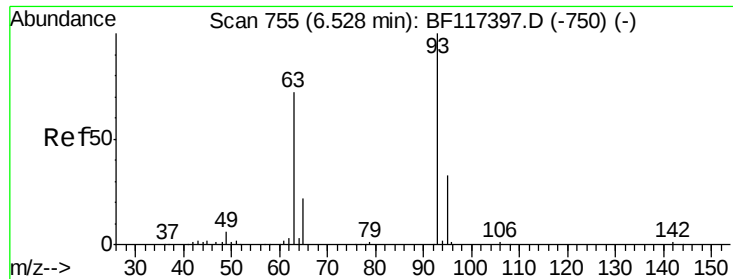


#10
Phenol
Concen: 43.524 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	18.2	58.2
66	42.4	41.1	81.1

Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





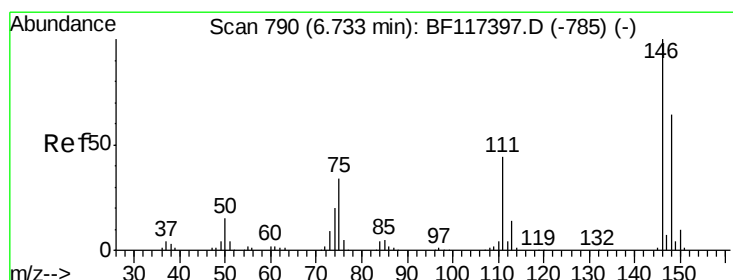
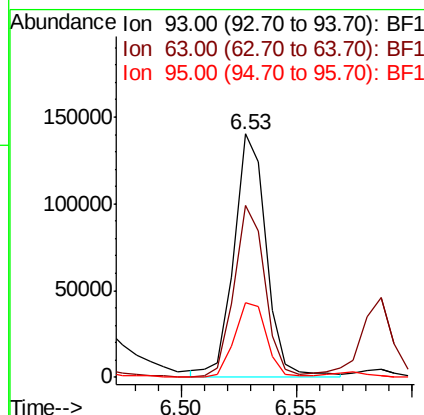
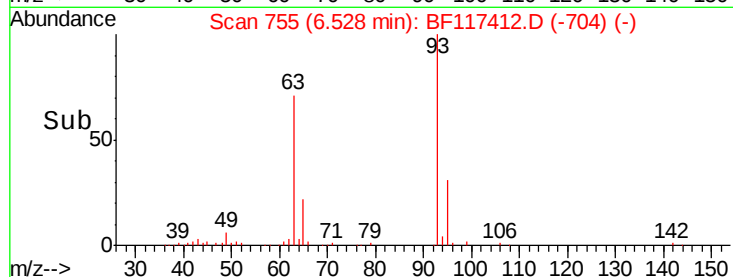
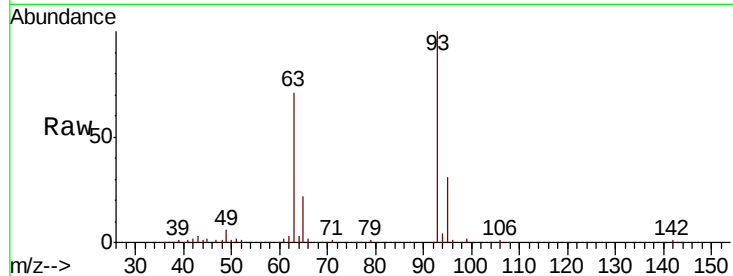
#11
bis(2-Chloroethyl)ether
Concen: 45.869 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	93	Resp	137369
Ion Ratio	Lower	Upper	
93	100		
63	70.6	50.9	90.9
95	30.8	12.4	52.4

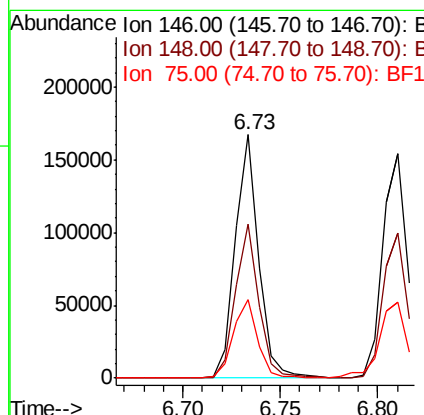
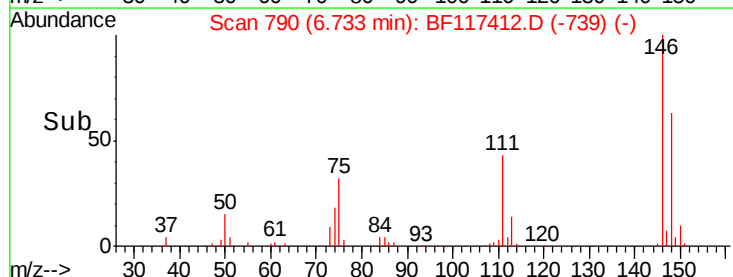
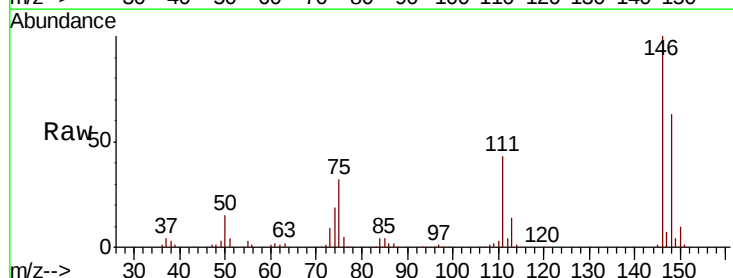
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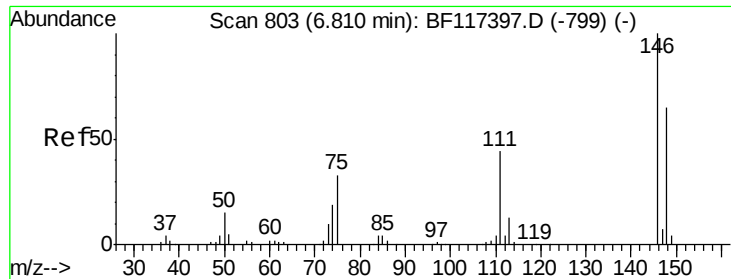
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.775 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	146	Resp	139411
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.0	76.6
75	32.0	27.4	41.2





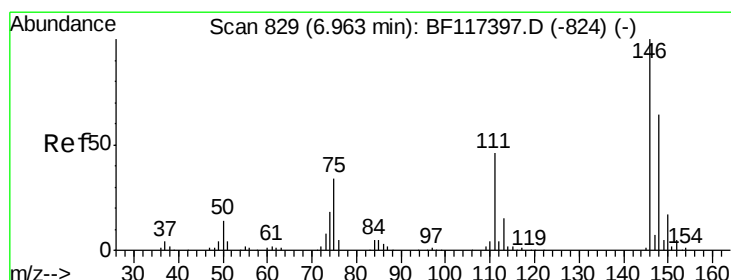
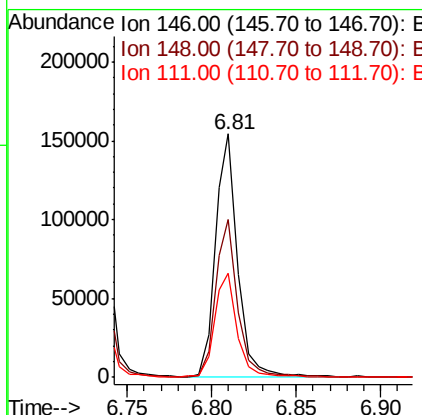
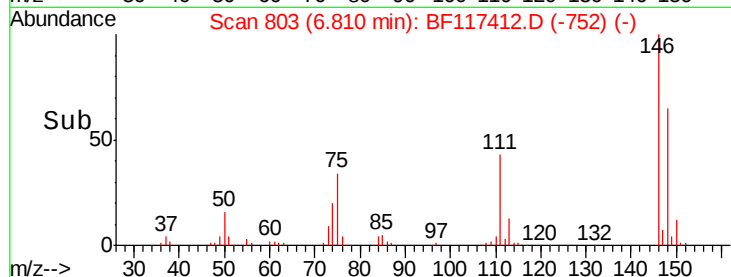
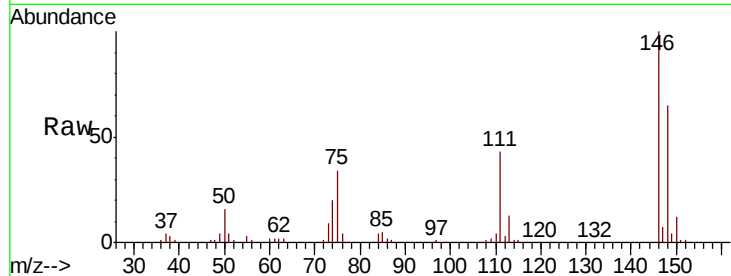
#13
 1,4-Dichlorobenzene
 Concen: 40.332 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	42.8	35.7	53.5

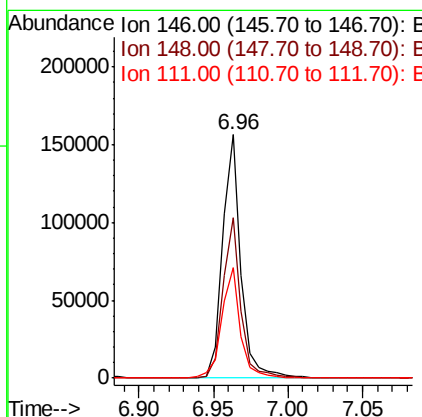
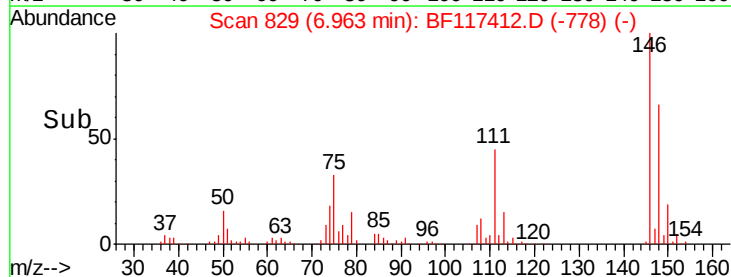
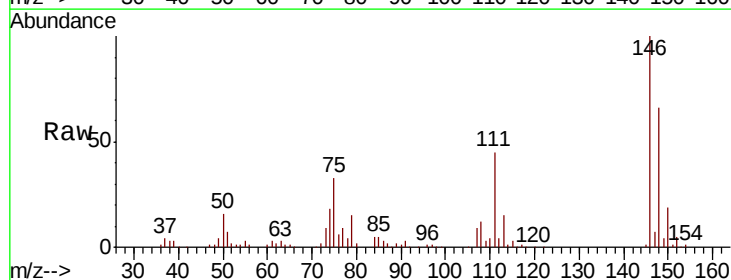
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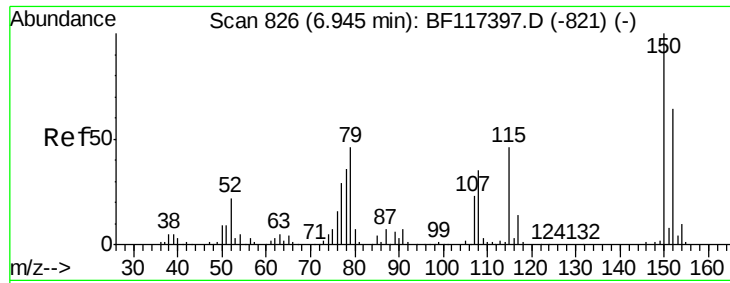
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.346 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.0	76.6
111	45.4	36.5	54.7





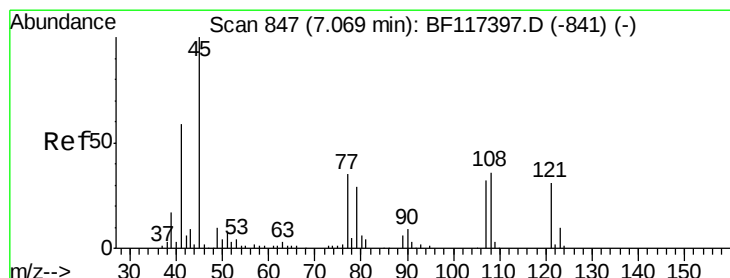
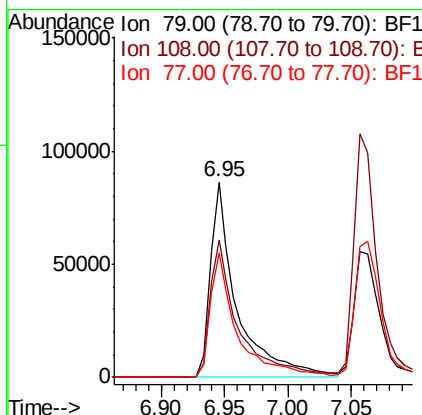
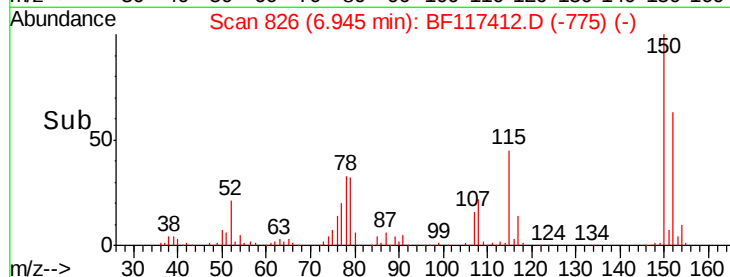
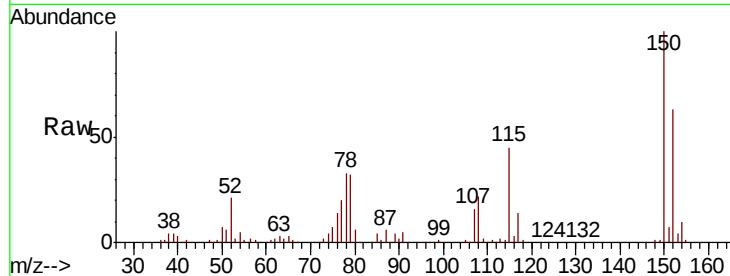
#15
Benzyl Alcohol
Concen: 45.574 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.5	60.4	90.6
77	64.0	50.6	76.0

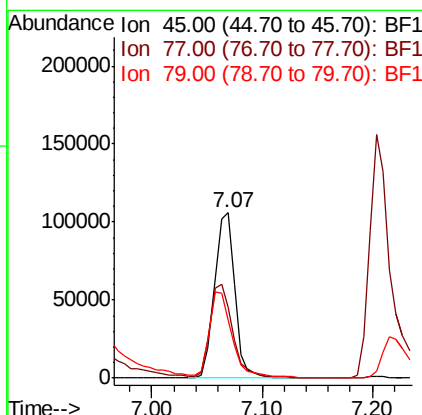
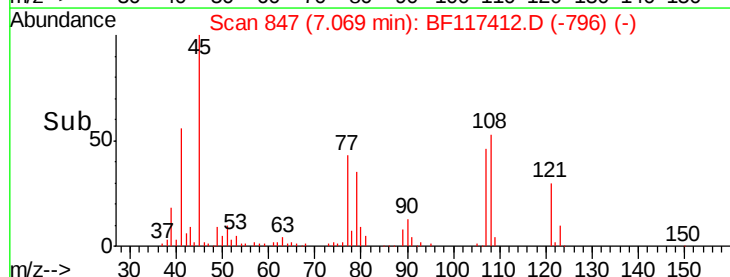
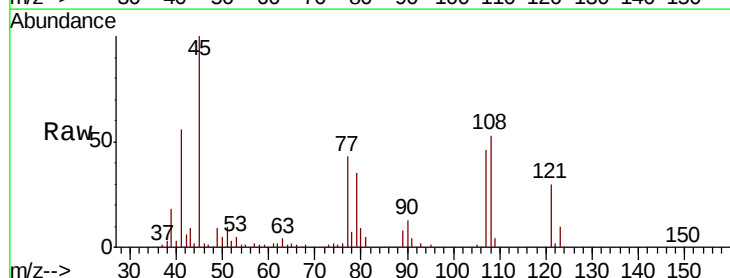
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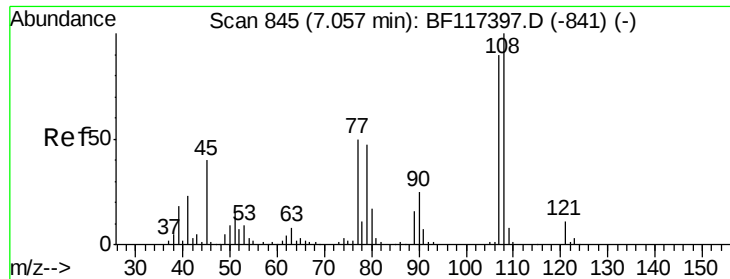
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.027 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	42.5	15.9	55.9
79	34.8	10.7	50.7





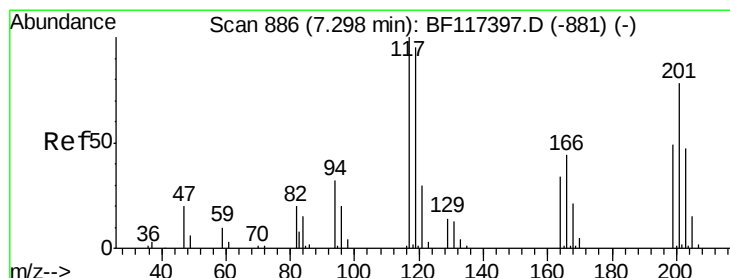
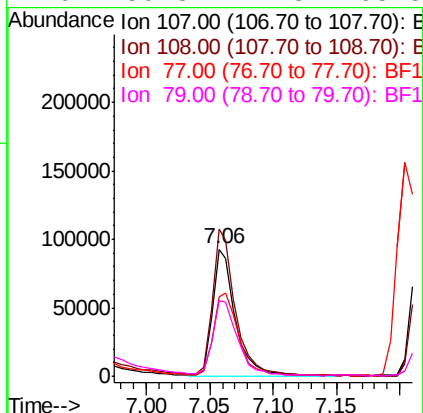
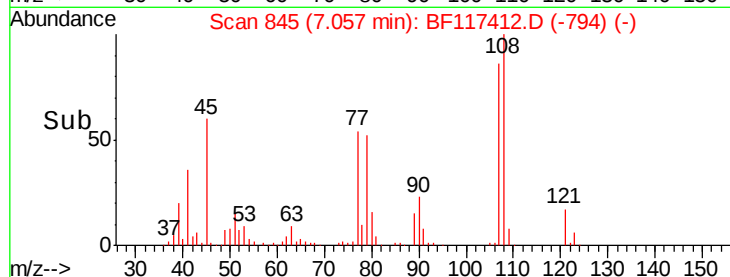
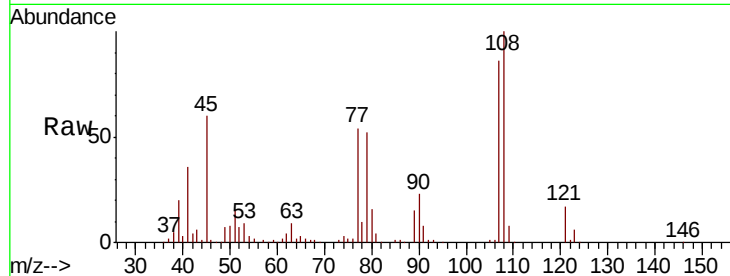
#17
2-Methylphenol
Concen: 46.046 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.7	89.4	134.2
77	62.3	45.1	67.7
79	59.8	42.3	63.5

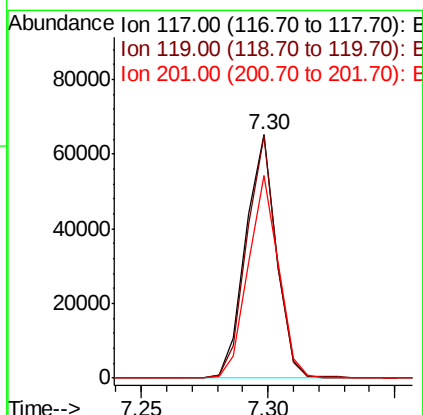
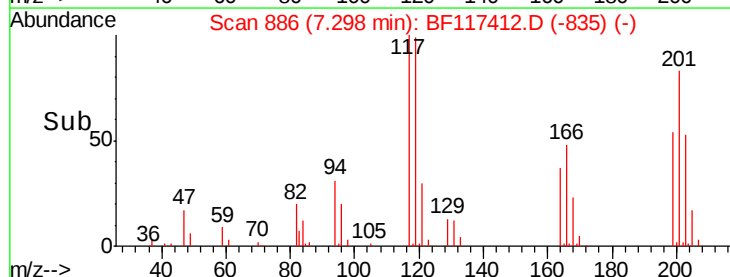
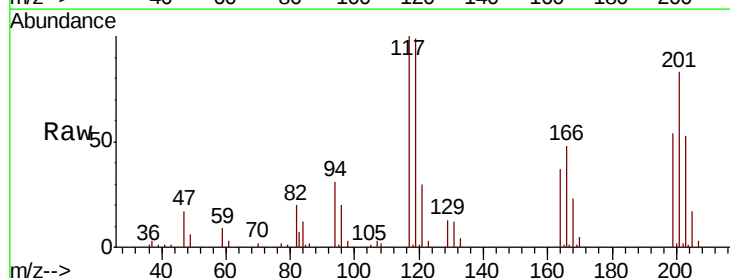
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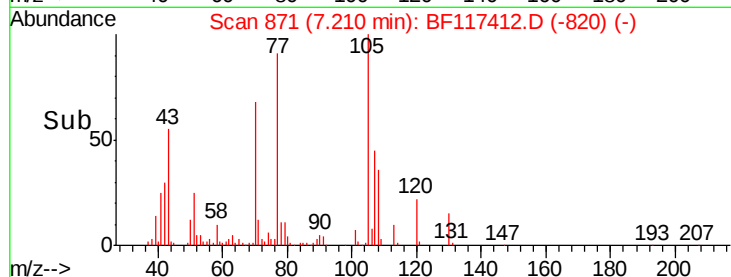
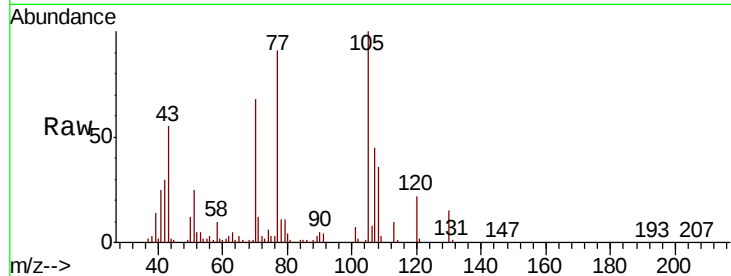
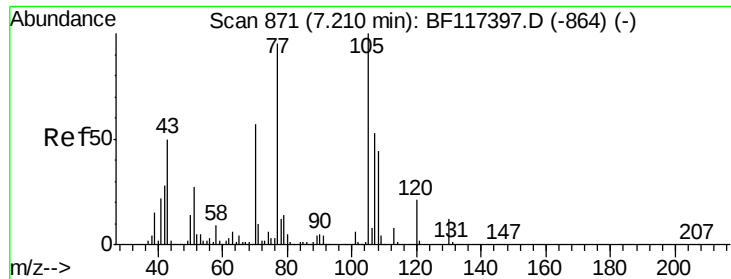
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#18
Hexachloroethane
Concen: 40.590 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.7	113.5
201	83.3	62.2	93.4





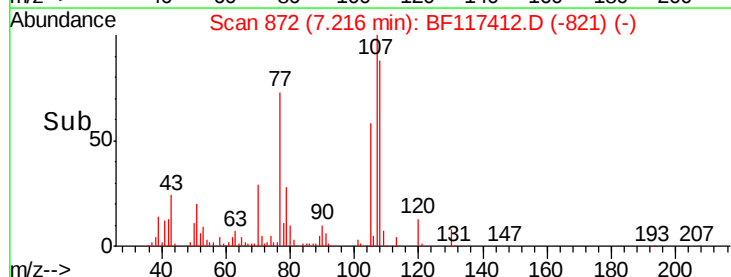
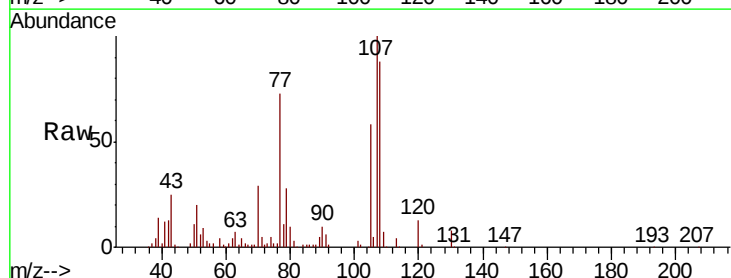
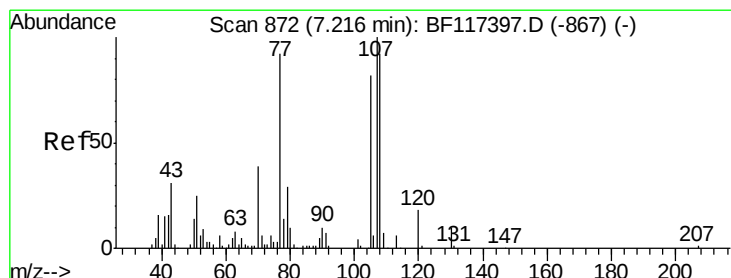
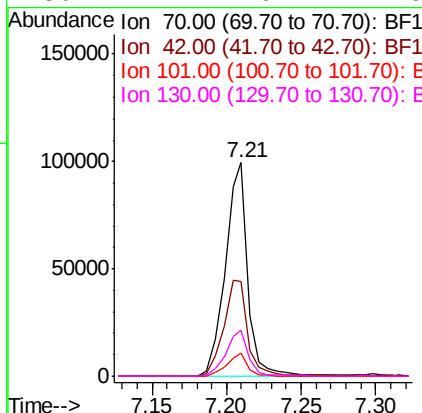
#19
n-Nitroso-di-n-propylamine
Concen: 45.504 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.4	39.8	59.8
101	11.0	8.1	12.1
130	21.4	16.4	24.6

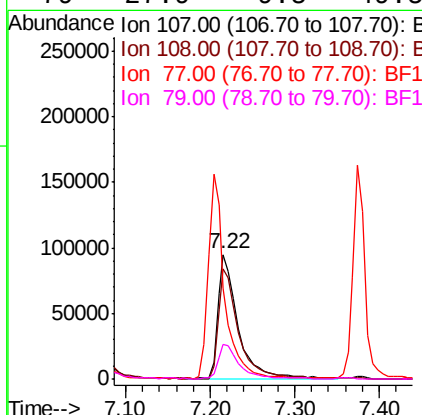
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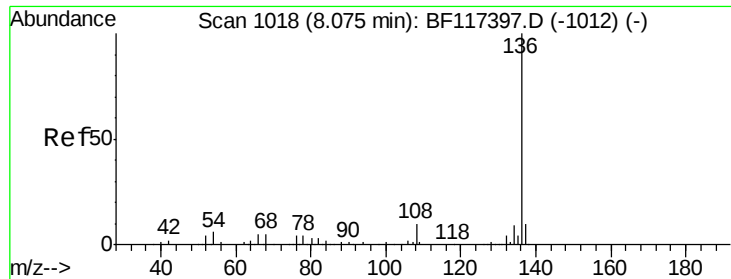
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#20
3+4-Methylphenols
Concen: 48.541 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	71.8	111.8
77	72.8	72.7	112.7
79	27.9	9.5	49.5





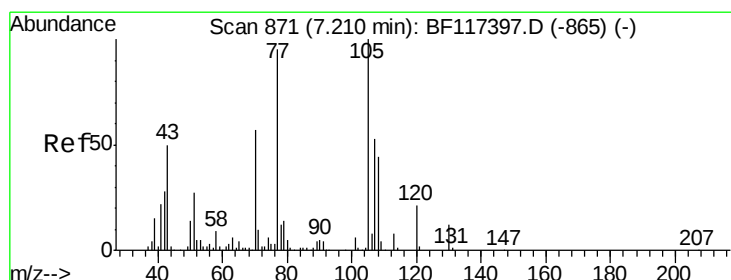
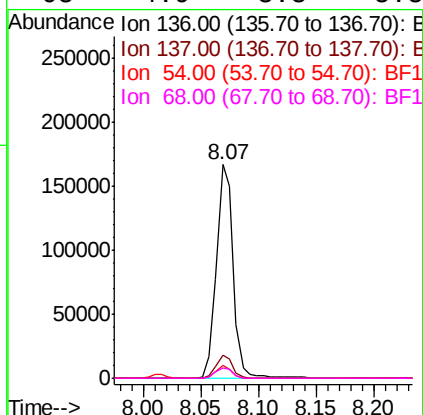
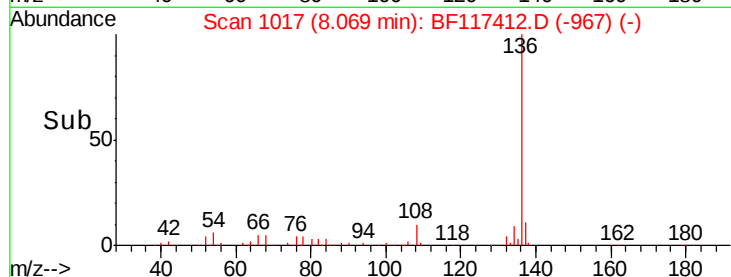
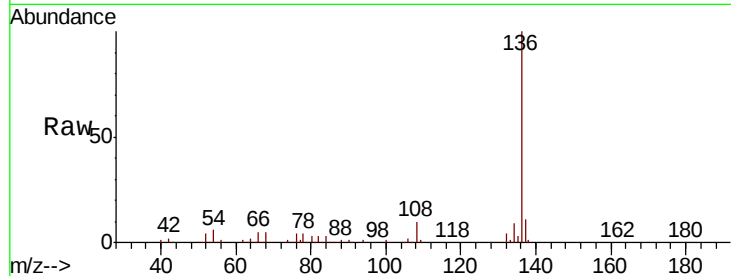
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		167245		
137	10.7		8.4	12.6	
54	6.0		4.6	6.8	
68	4.9		3.8	5.8	

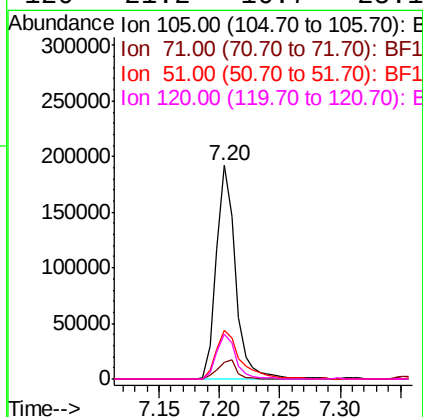
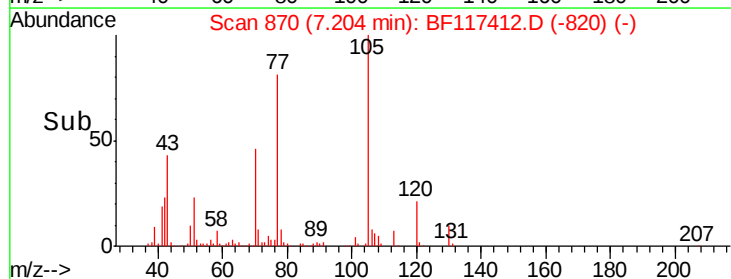
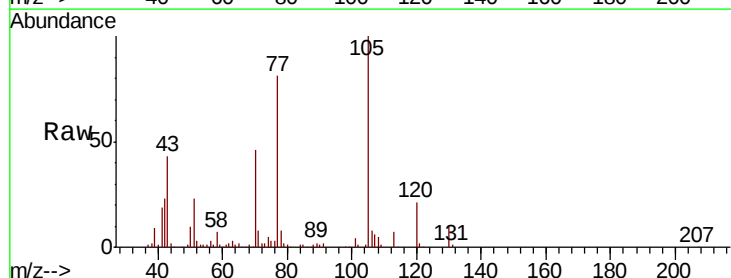
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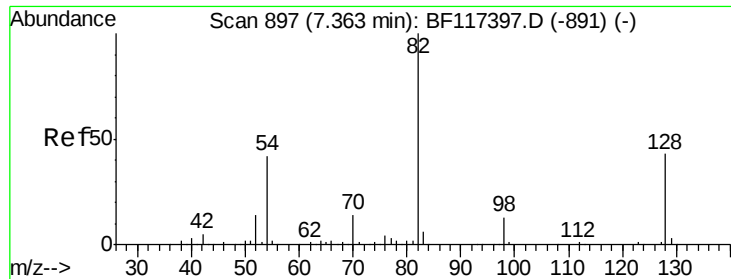
mohammad
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#22
Acetophenone
Concen: 47.708 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		209372		
71	7.8		7.8	11.6	
51	22.6		21.5	32.3	
120	21.2		16.7	25.1	





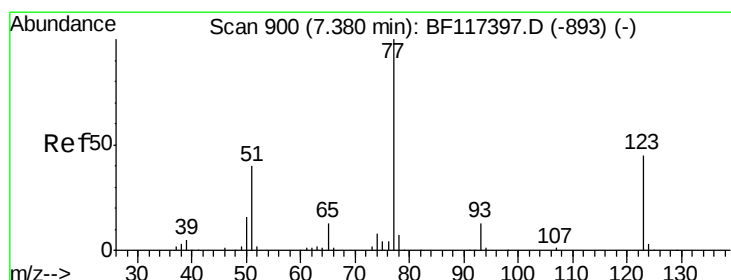
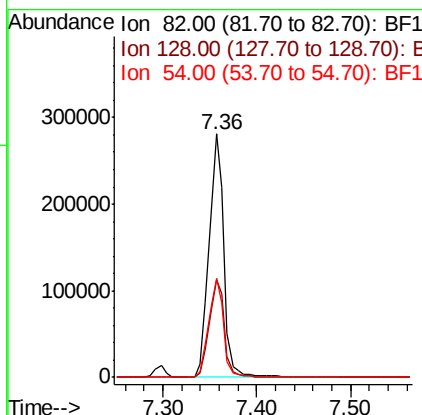
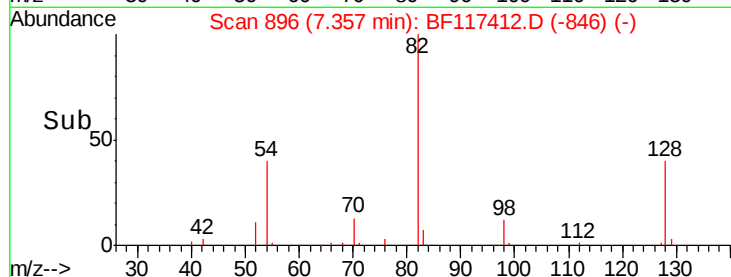
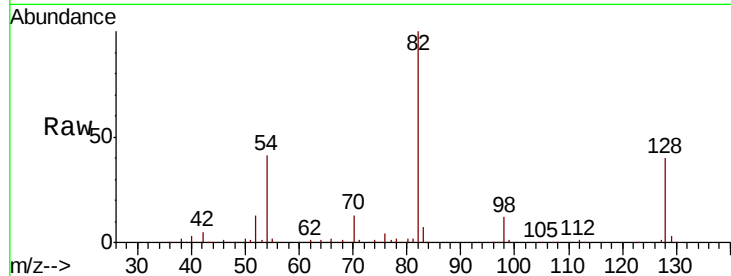
#23
Nitrobenzene-d5
Concen: 95.527 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.2	34.1	51.1	
54	40.9	33.3	49.9	

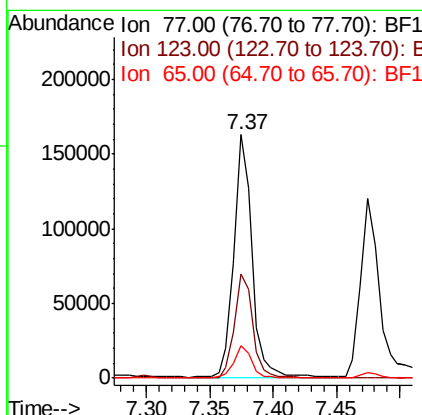
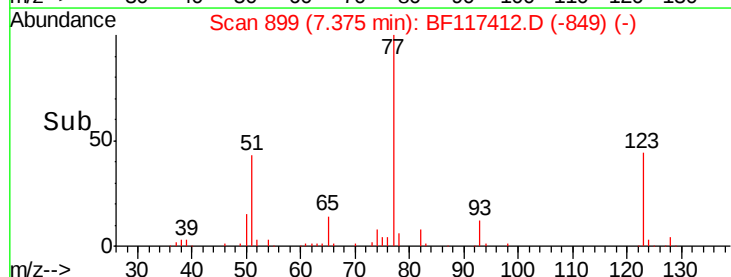
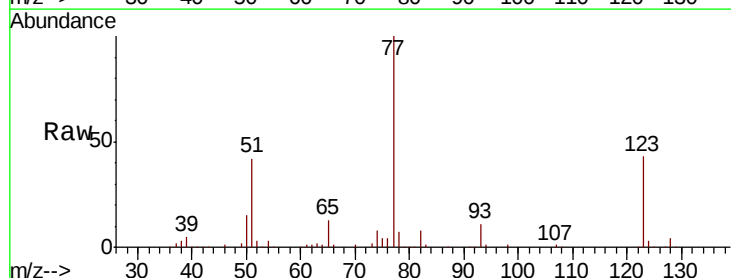
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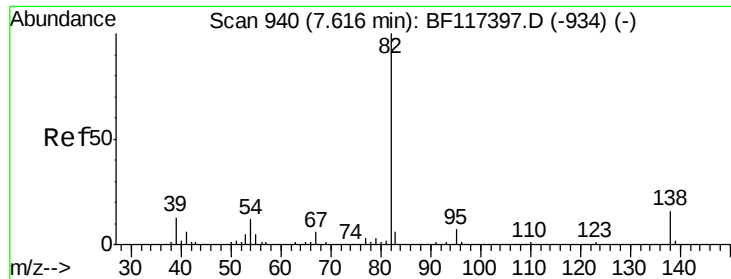
mohammad
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#24
Nitrobenzene
Concen: 49.082 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.8	35.8	53.8	
65	13.1	10.1	15.1	





#25

Isophorone

Concen: 49.891 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

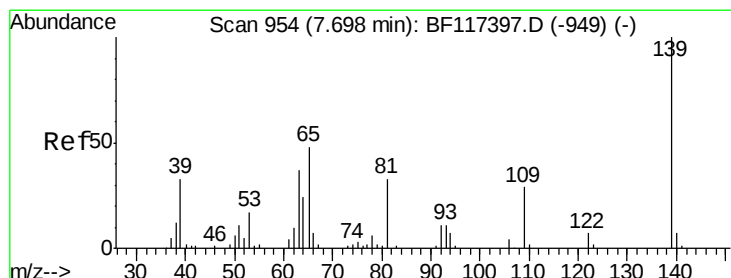
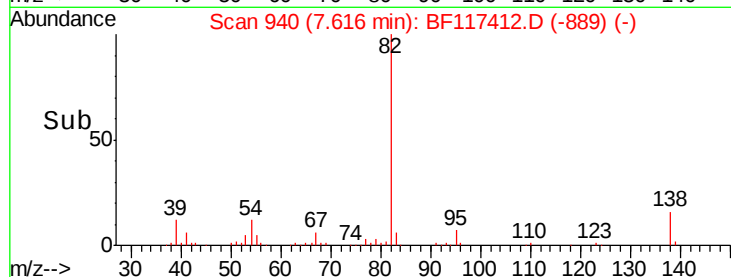
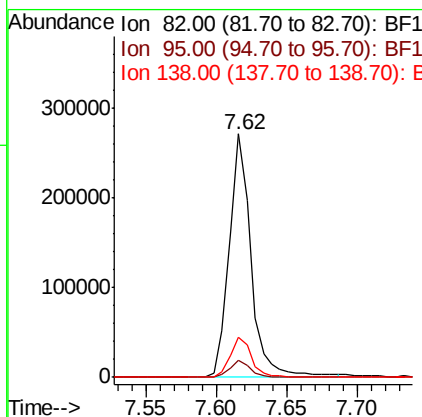
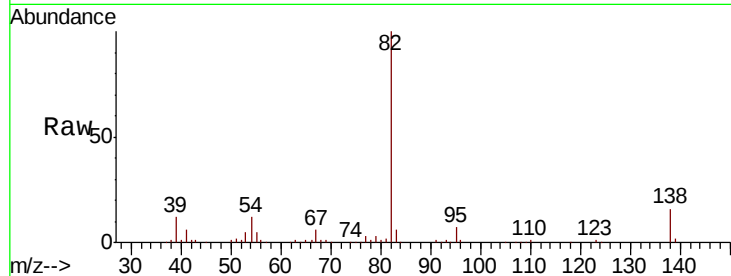
ClientSampleId :

OR-03-101119MS

Tot Ion:	82	Resp:	293226
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.0
138	16.3	13.0	19.4

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#26

2-Nitrophenol

Concen: 50.974 ng

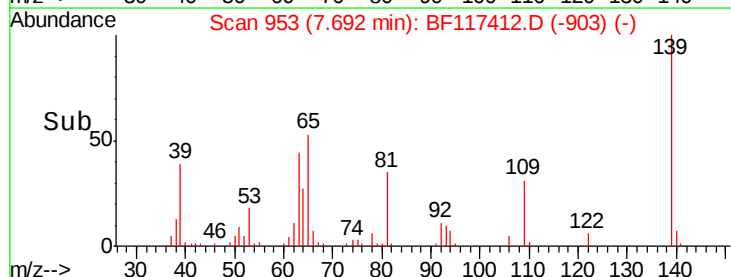
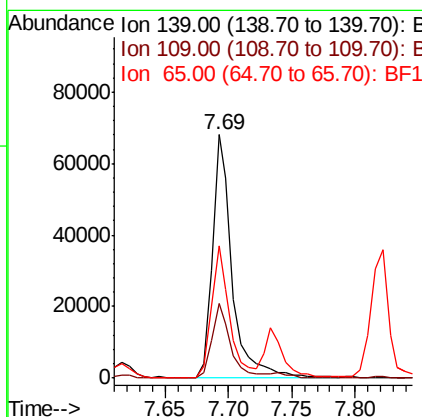
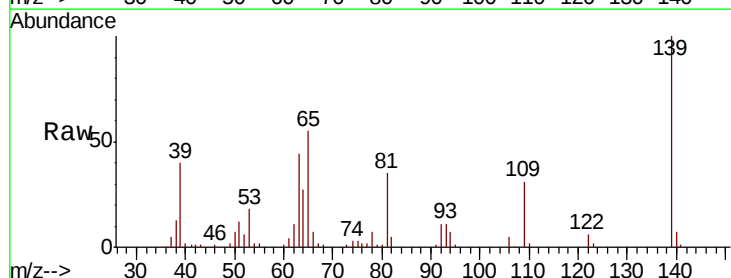
RT: 7.69 min Scan# 953

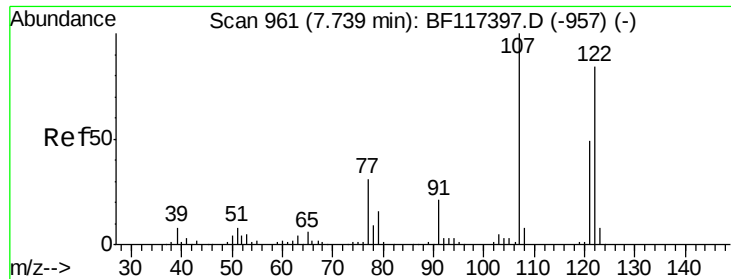
Delta R.T. -0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Tgt Ion:	139	Resp:	74746
Ion Ratio	Lower	Upper	
139	100		
109	30.9	23.1	34.7
65	54.5	38.2	57.4





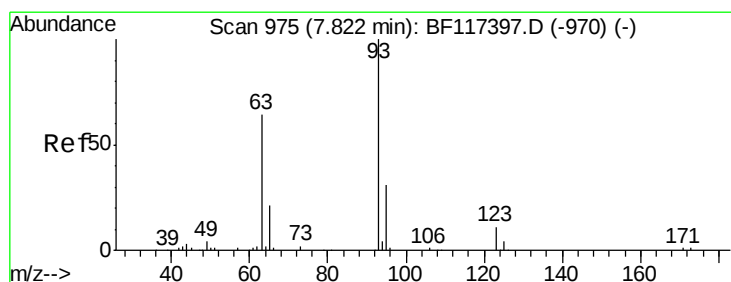
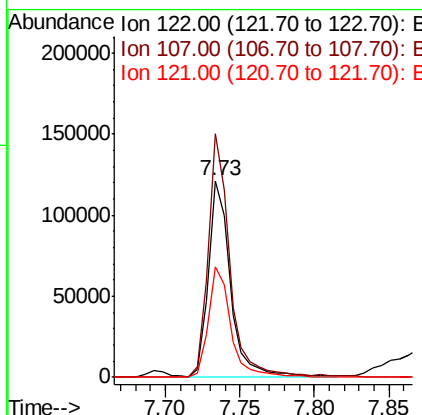
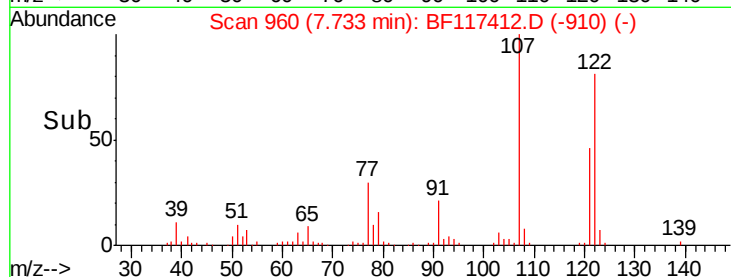
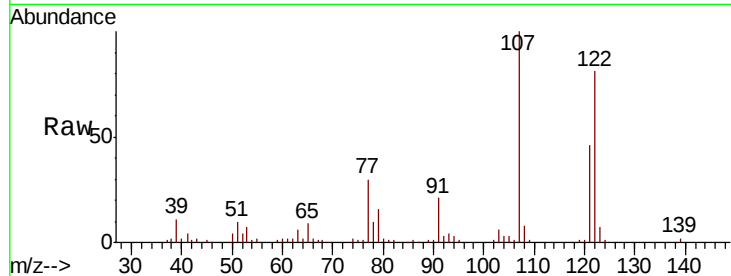
#27
2,4-Dimethylphenol
Concen: 55.897 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.9	95.0	142.6
121	56.5	46.6	69.8

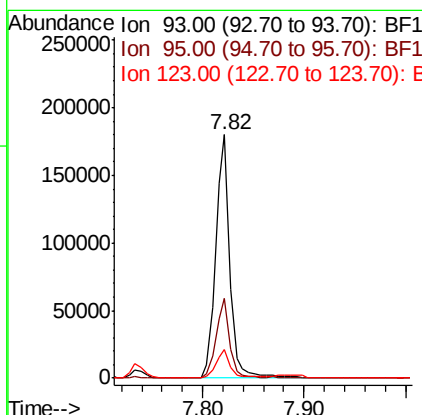
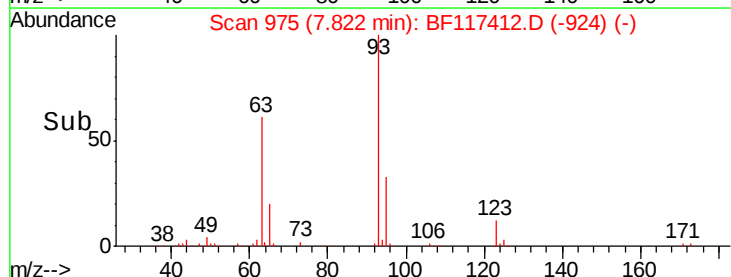
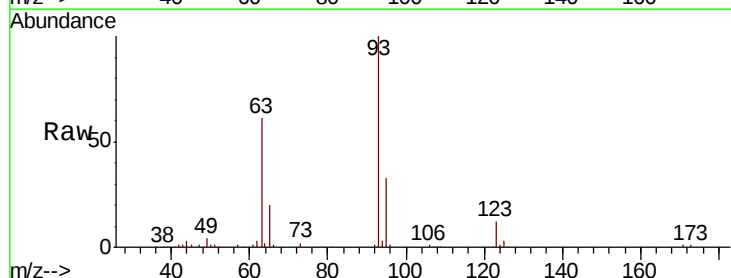
Manual Integrations
APPROVED

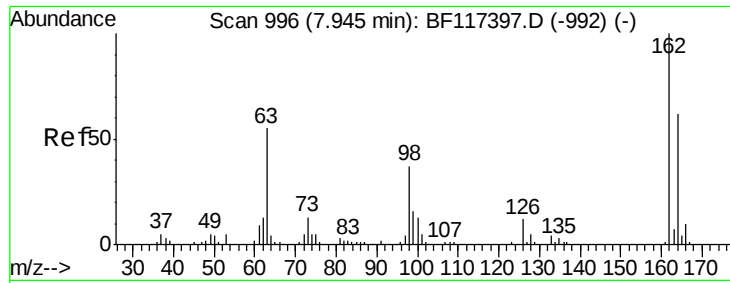
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.941 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.1	37.7
123	11.6	8.6	12.8





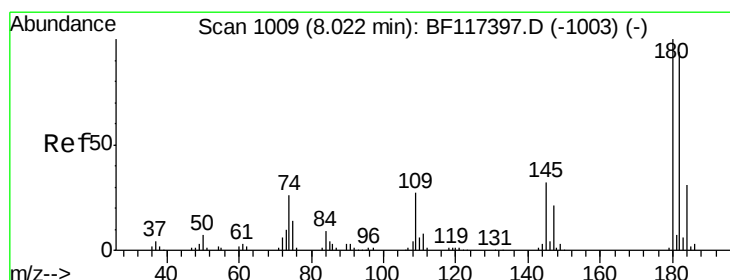
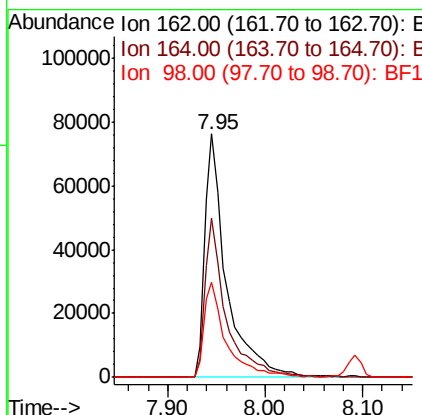
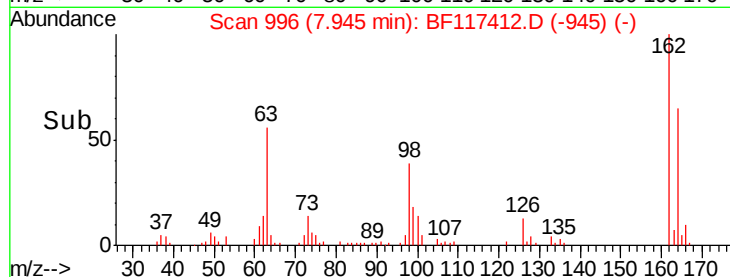
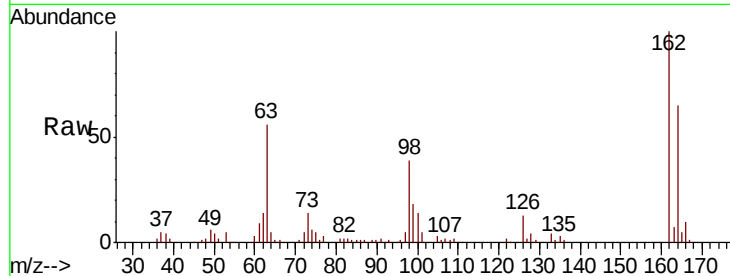
#29
2,4-Dichlorophenol
Concen: 51.133 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	117583		
164	65.2	42.2	82.2	
98	39.2	17.4	57.4	

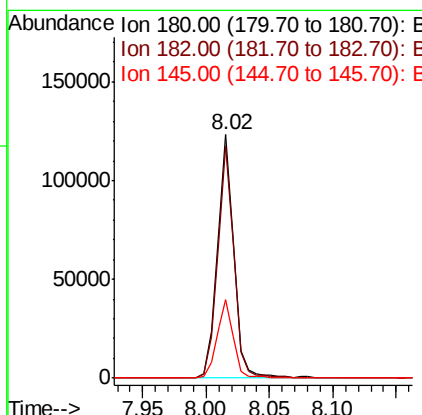
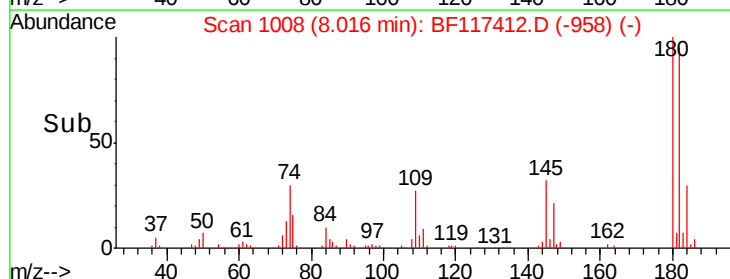
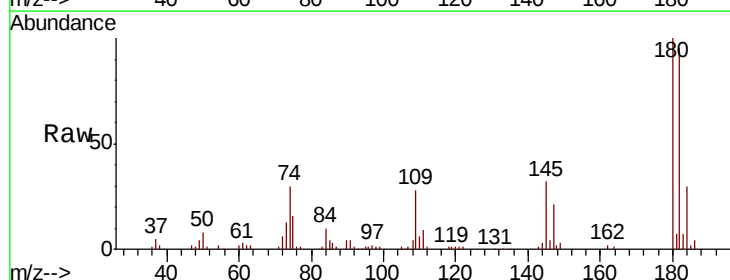
Manual Integrations
APPROVED

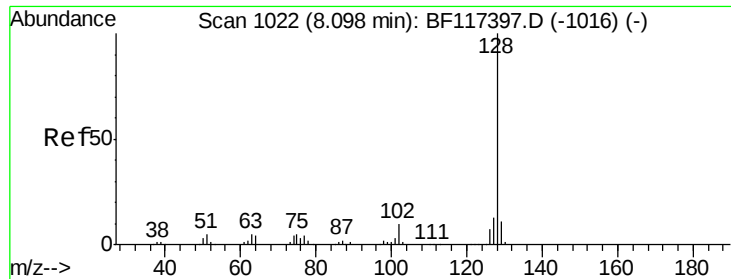
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.909 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	113805		
182	95.2	75.4	113.2	
145	32.4	25.5	38.3	





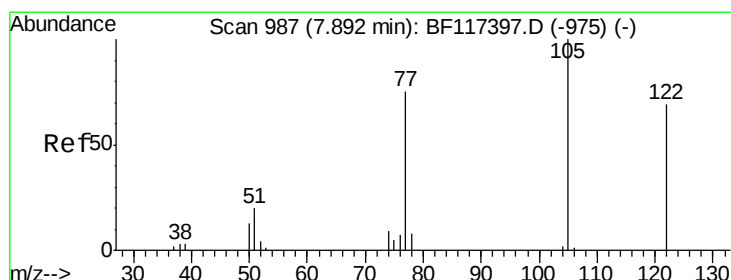
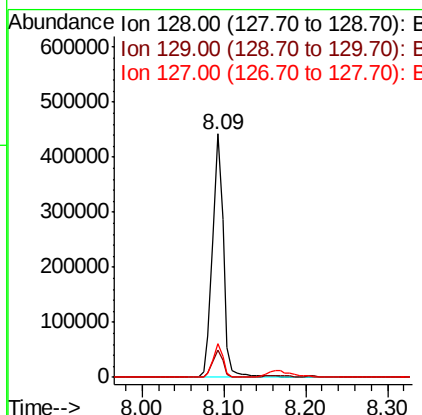
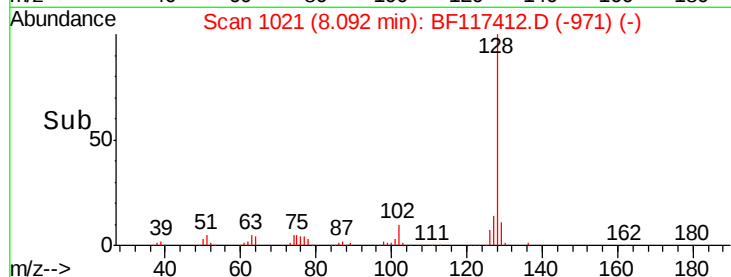
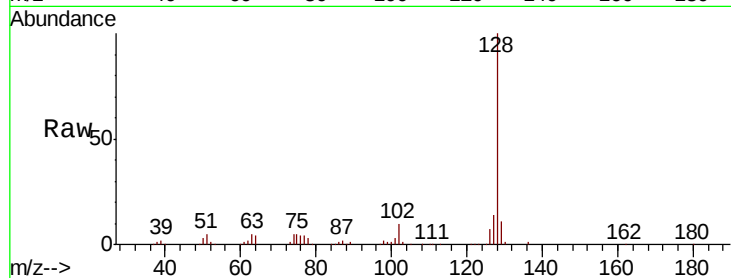
#31
Naphthalene
Concen: 49.596 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.6	10.4	15.6

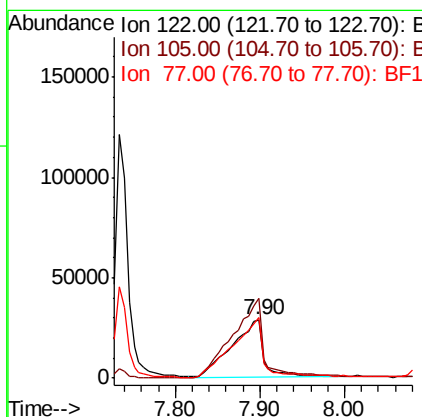
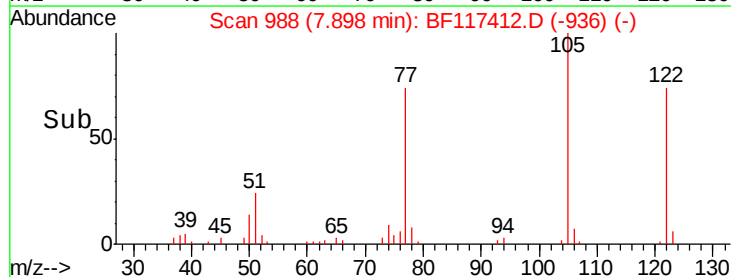
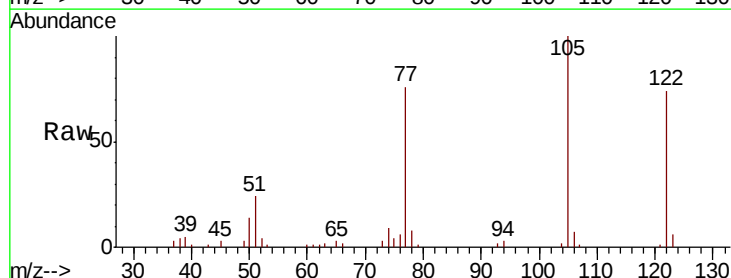
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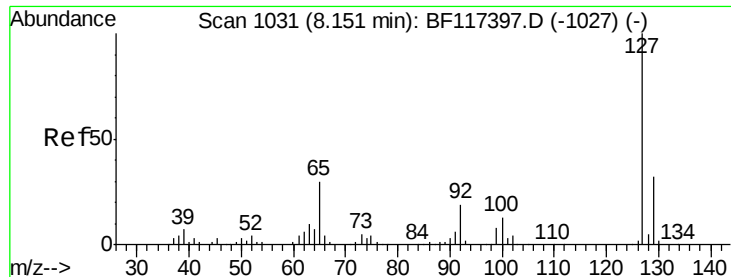
mohammad
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#32
Benzoic acid
Concen: 50.357 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.7	121.5	161.5
77	103.8	88.3	128.3





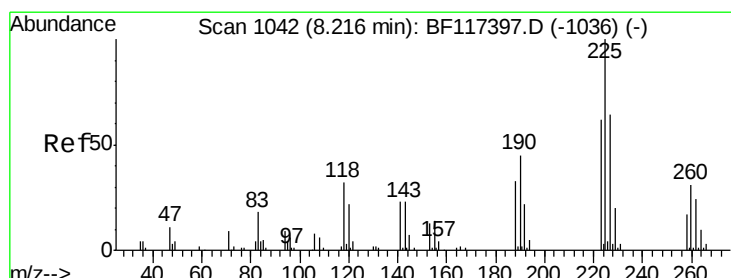
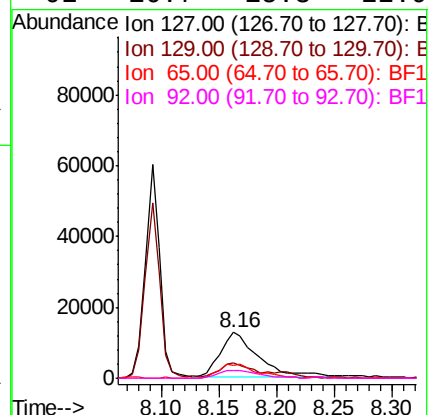
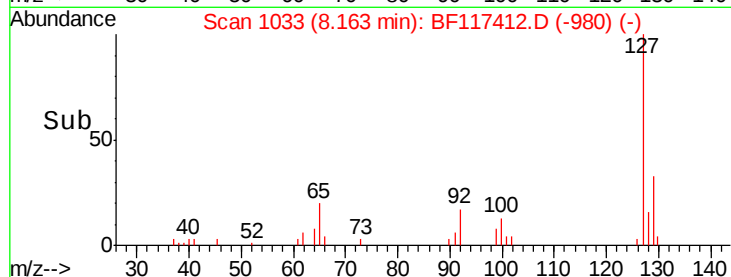
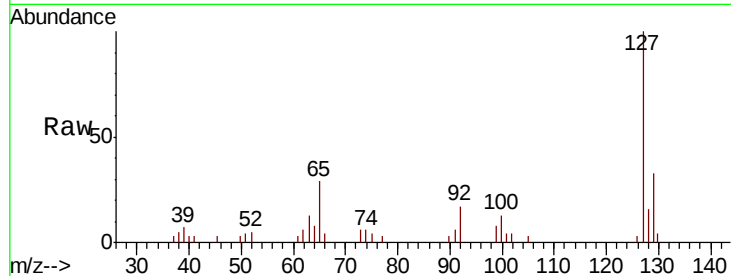
#33
4-Chloroaniline
Concen: 8.083 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.4	38.0
65	28.8	23.8	35.8
92	16.7	15.3	22.9

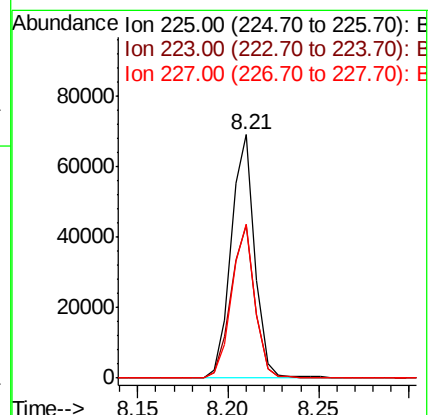
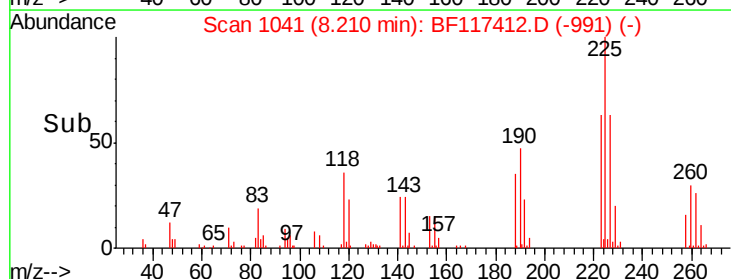
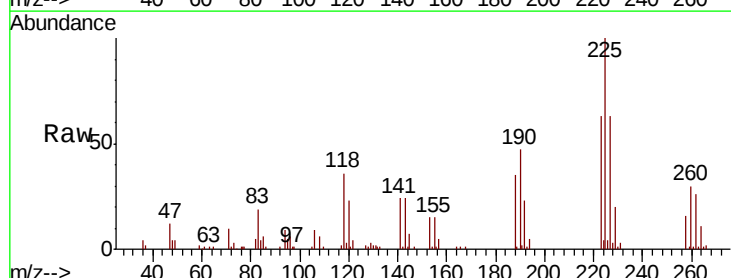
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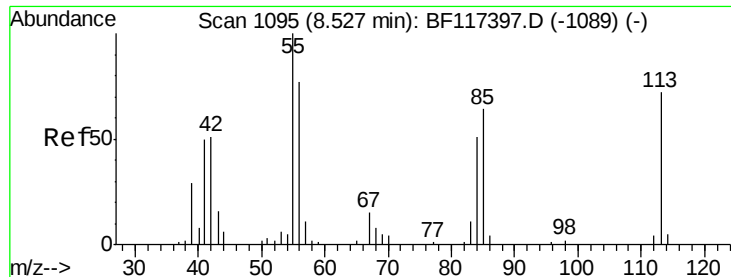
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#34
Hexachlorobutadiene
Concen: 44.199 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	63.3	50.9	76.3





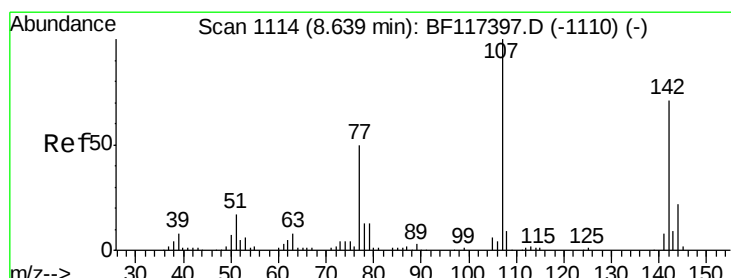
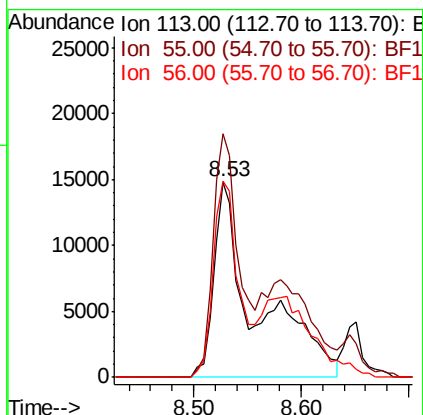
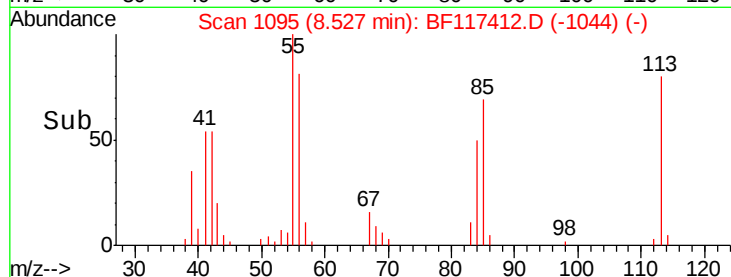
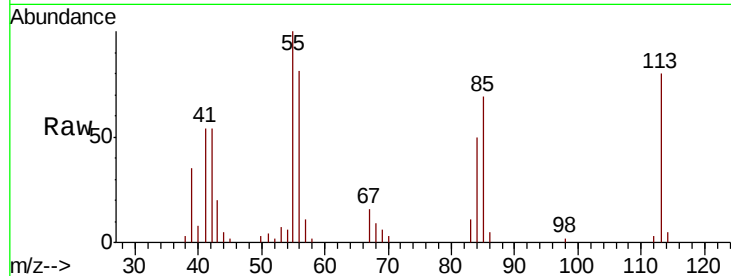
#35
Caprolactam
Concen: 55.485 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	124.5	118.5	158.5
56	100.5	86.7	126.7

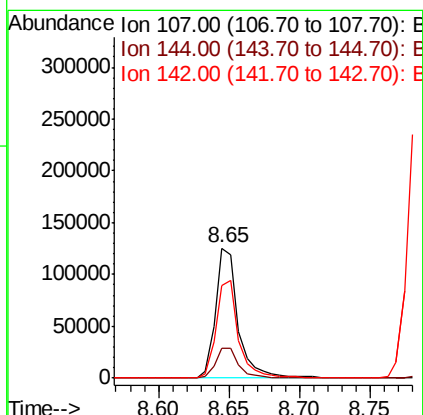
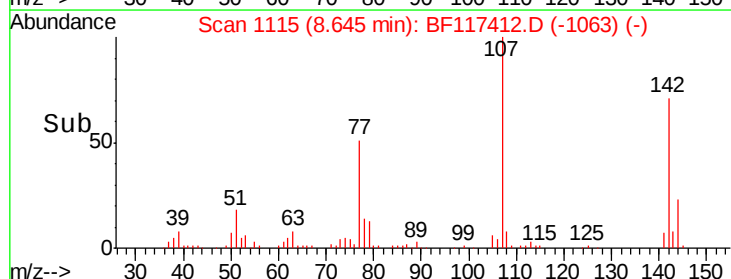
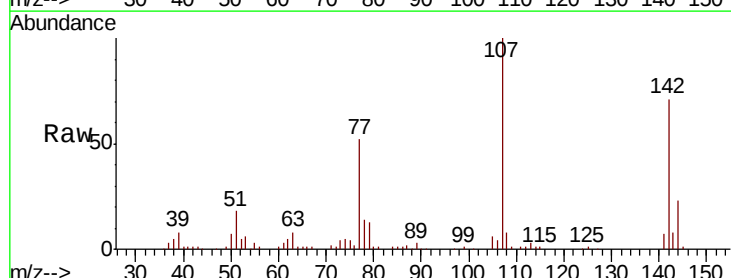
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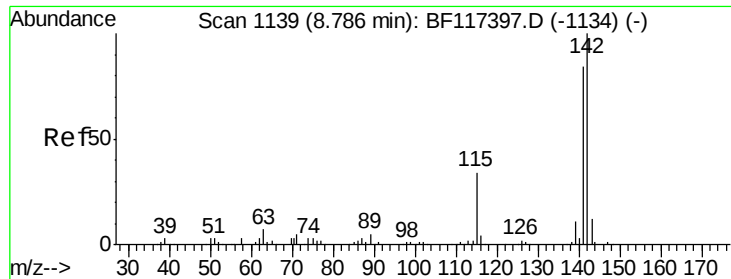
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 53.228 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	17.9	26.9
142	71.0	56.9	85.3





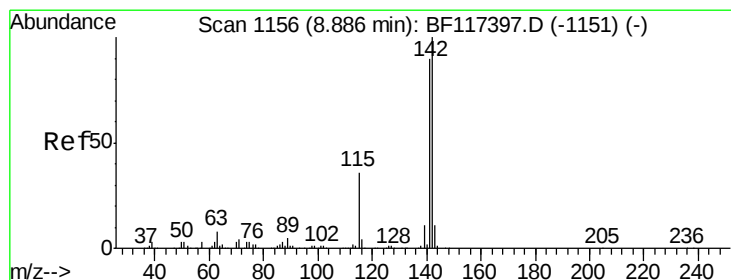
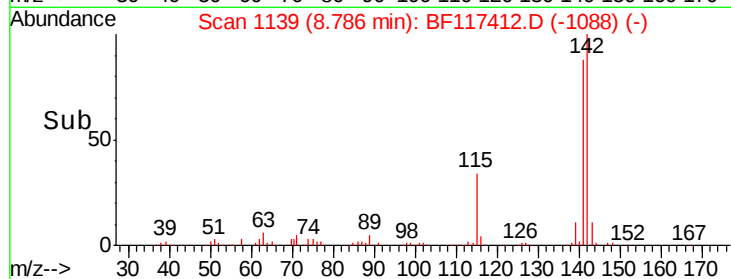
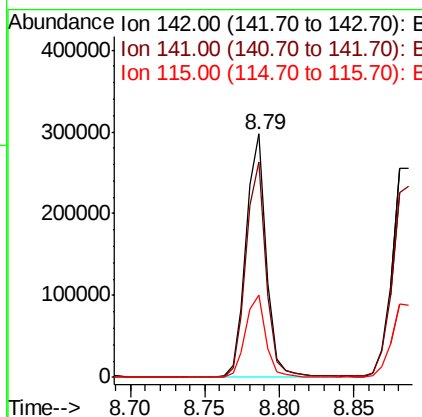
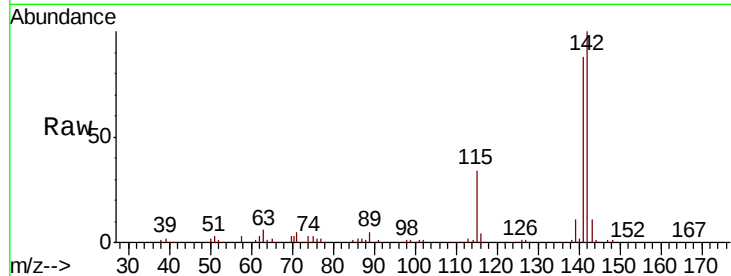
#37
2-Methylnaphthalene
Concen: 49.783 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	67.2	100.8
115	33.9	26.9	40.3

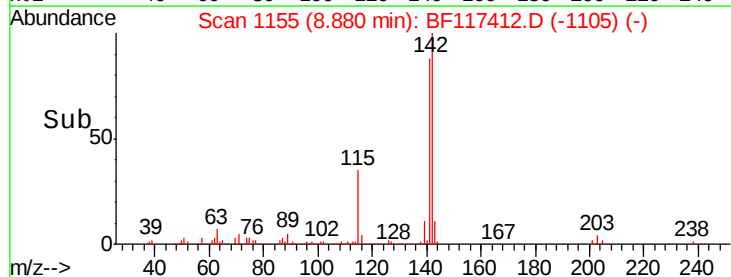
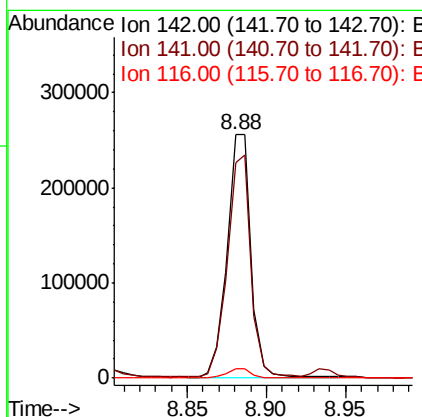
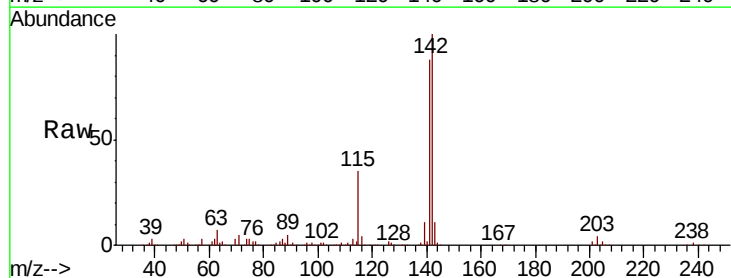
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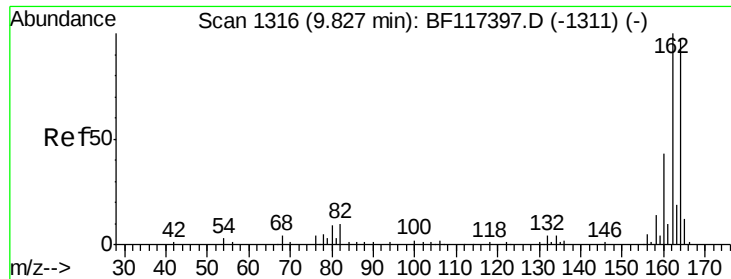
mohammad
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#38
1-Methylnaphthalene
Concen: 49.659 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.8	107.8
116	3.8	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

Tot Ion:164 Resp: 87536

Ion Ratio Lower Upper

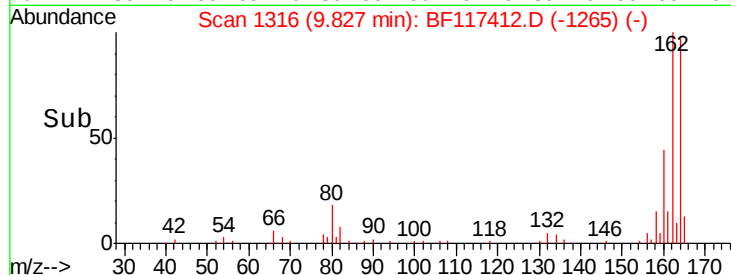
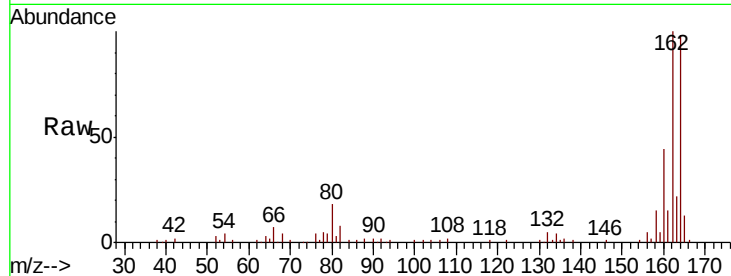
164 100

162 101.7 82.4 123.6

160 44.5 35.4 53.0

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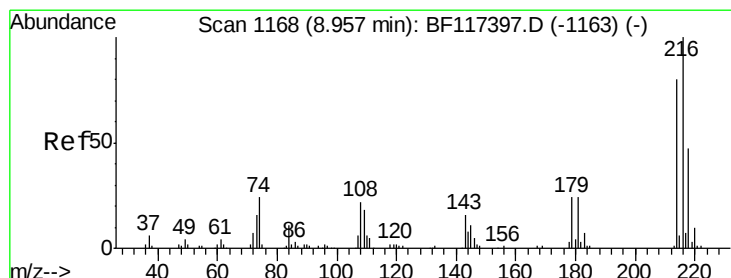
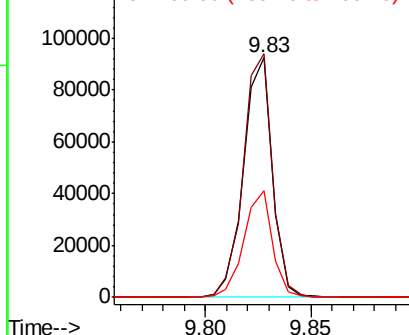


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.345 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Tgt Ion:216 Resp: 111540

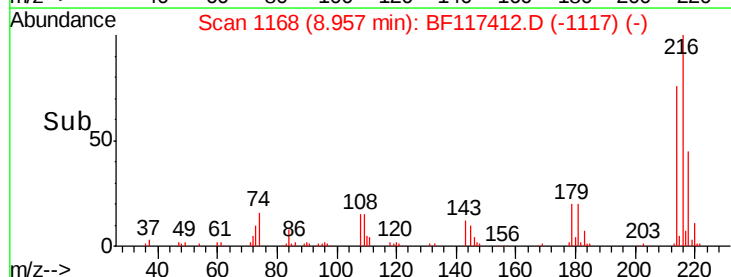
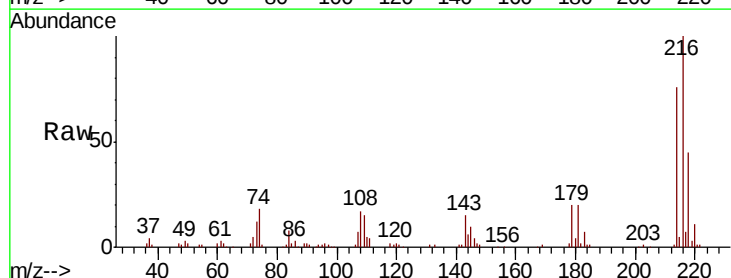
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.6

179 22.2 18.6 28.0

108 21.7 17.0 25.4



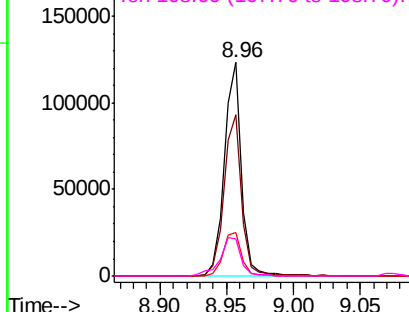
Abundance

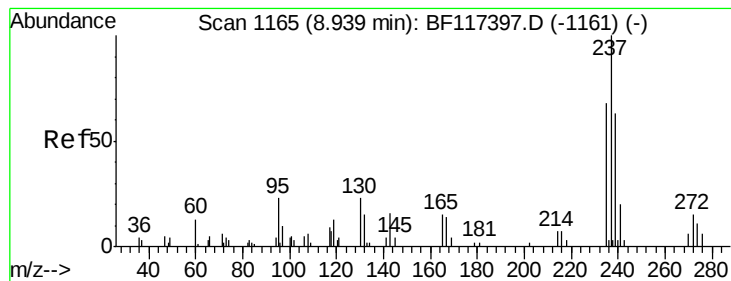
Ion 216.00 (215.70 to 216.70): E

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: 123.193 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

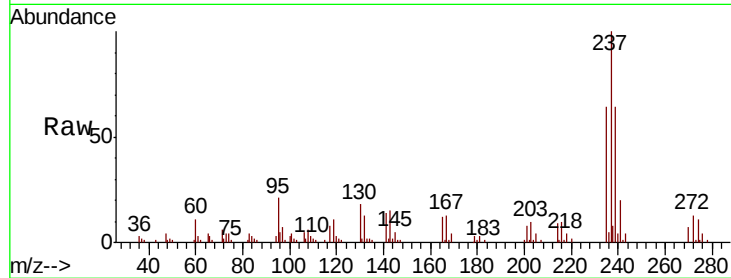
ClientSampleId :

OR-03-101119MS

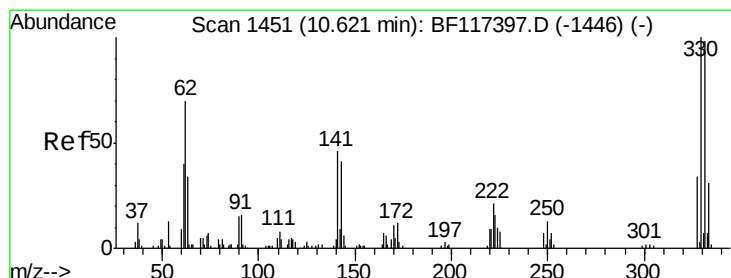
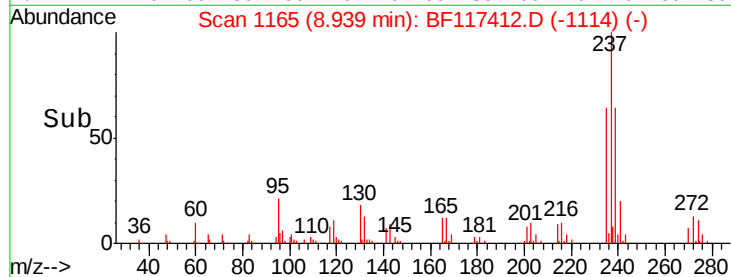
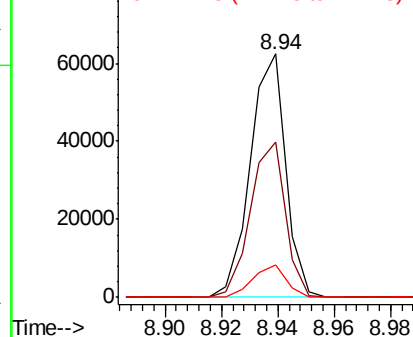
Tot Ion:	237	Resp:	54196
Ion Ratio	Lower	Upper	
237	100		
235	63.7	47.8	87.8
272	13.3	0.0	35.0

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



#42

2,4,6-Tribromophenol

Concen: 155.824 ng

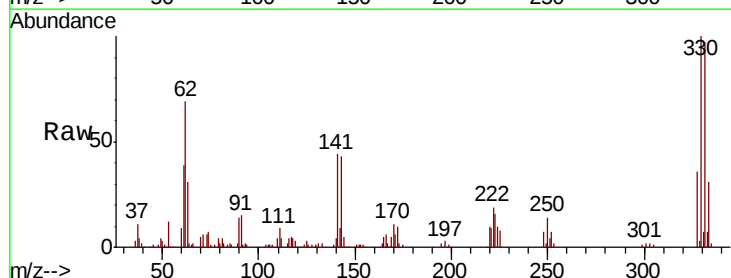
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

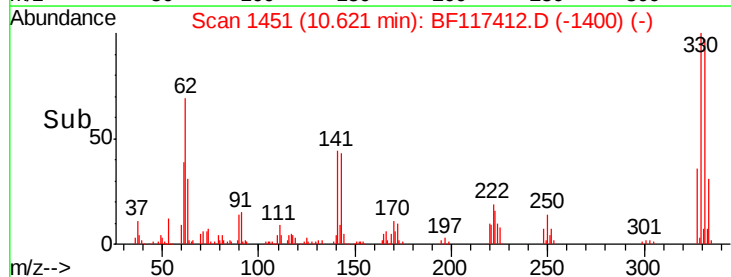
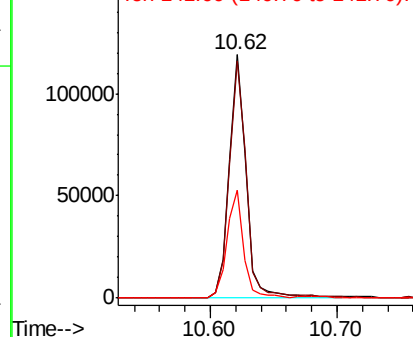
Lab File: BF117412.D

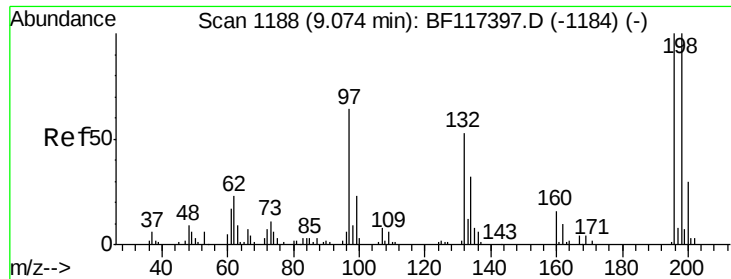
Acq: 16 Oct 2019 14:39

Tgt Ion:	330	Resp:	111013
Ion Ratio	Lower	Upper	
330	100		
332	98.9	75.0	112.6
141	43.8	34.2	51.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





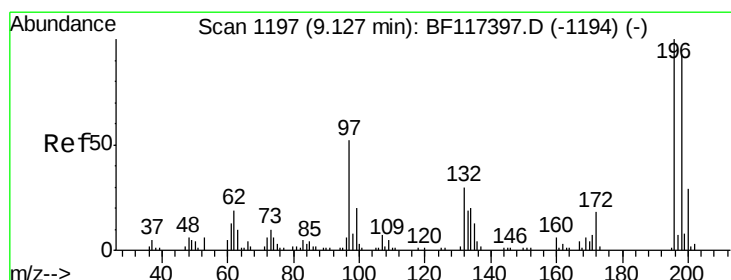
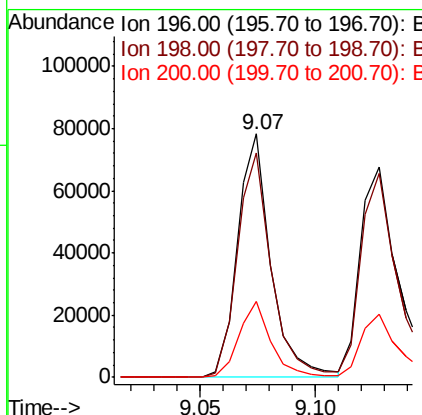
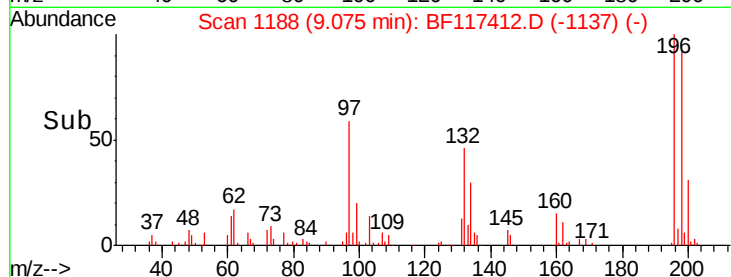
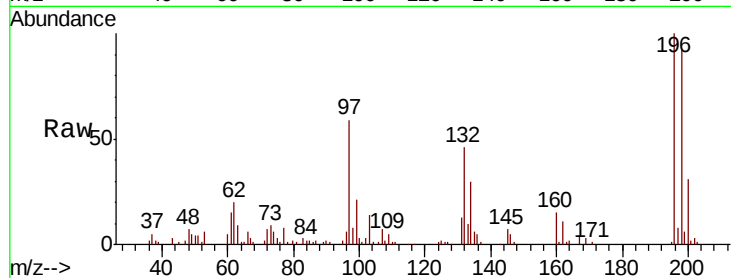
#43
 2,4,6-Trichlorophenol
 Concen: 52.736 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

Tot Ion:	196	Resp:	78625
Ion Ratio	Lower	Upper	
196	100		
198	92.2	79.8	119.6
200	31.1	23.7	35.5

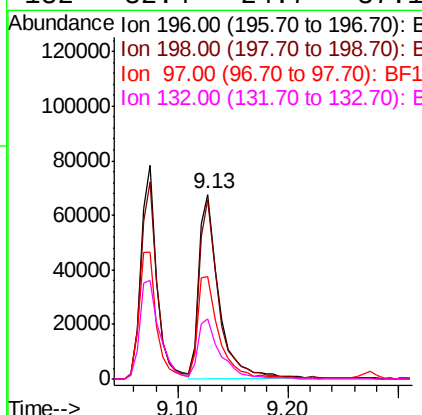
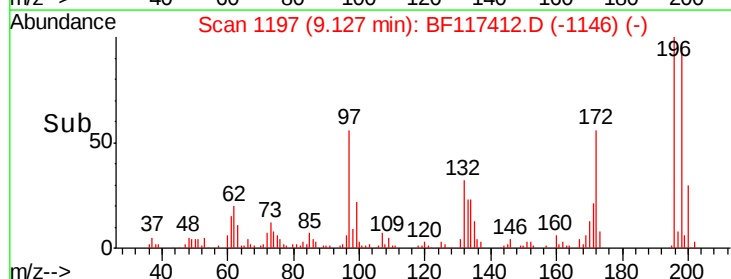
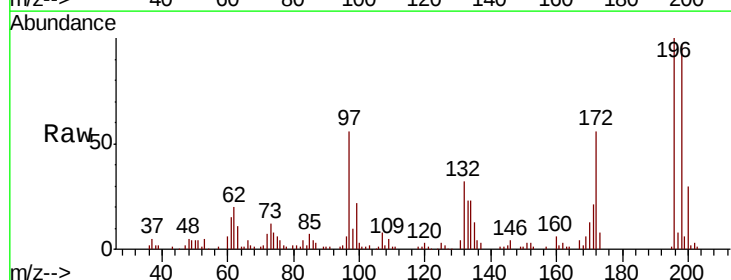
Manual Integrations
 APPROVED

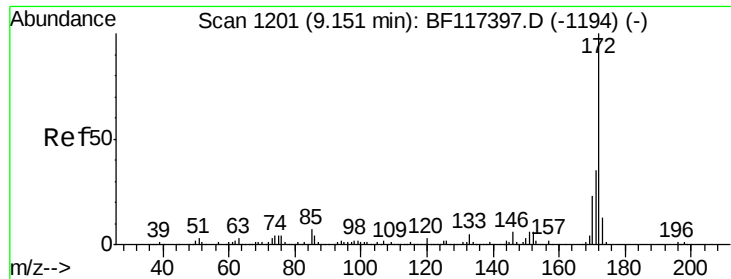
mohammad
 10/18/2019 8:26:30 AM



#44
 2,4,5-Trichlorophenol
 Concen: 54.073 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion:	196	Resp:	82234
Ion Ratio	Lower	Upper	
196	100		
198	96.9	74.9	112.3
97	55.6	42.5	63.7
132	32.4	24.7	37.1





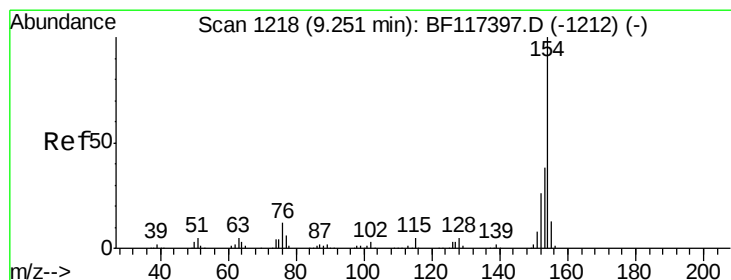
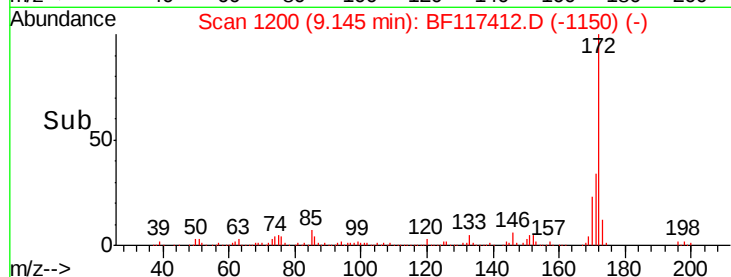
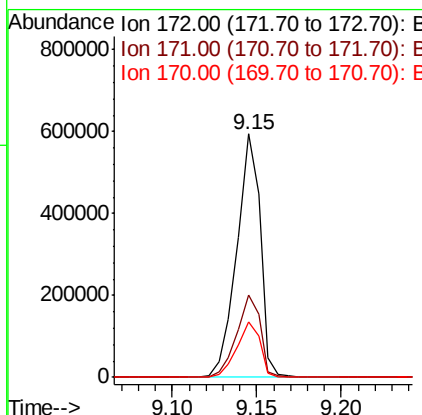
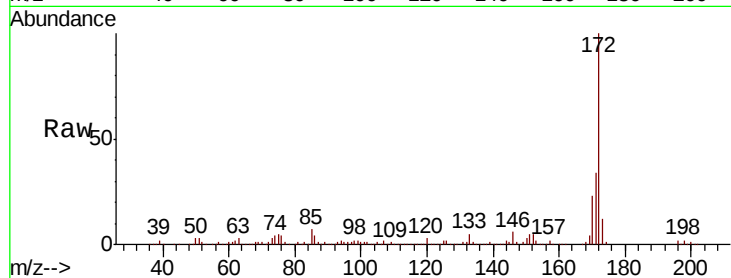
#45
2-Fluorobiphenyl
Concen: 96.019 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	576529		
171	33.8		28.2	42.2
170	22.7		18.2	27.2

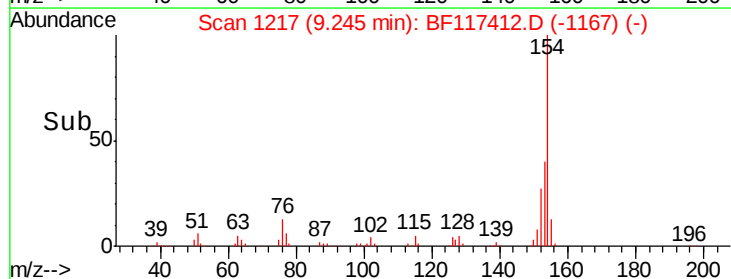
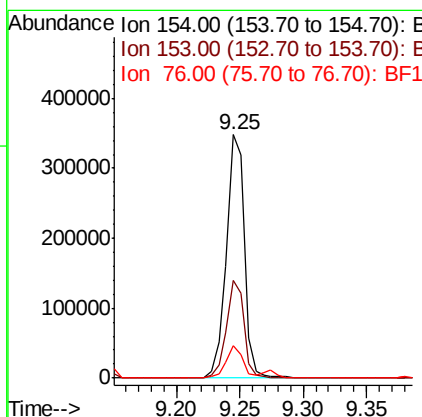
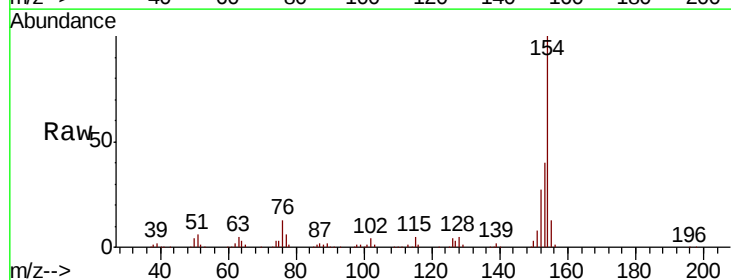
Manual Integrations
APPROVED

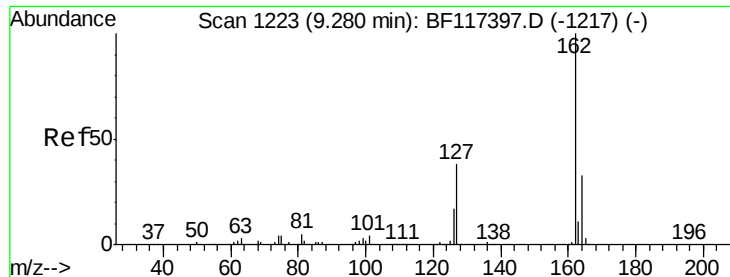
mohammad
10/18/2019 8:26:30 AM



#46
1,1'-Biphenyl
Concen: 47.913 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	342632		
153	40.1		18.3	58.3
76	13.1		0.0	32.3





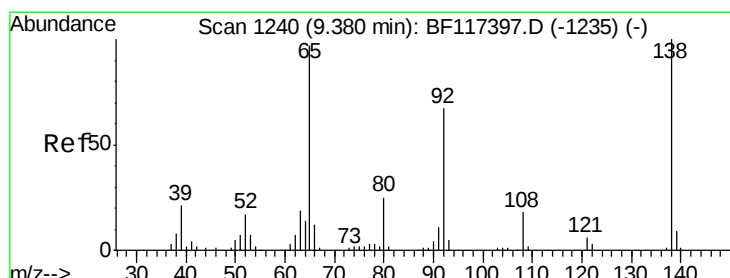
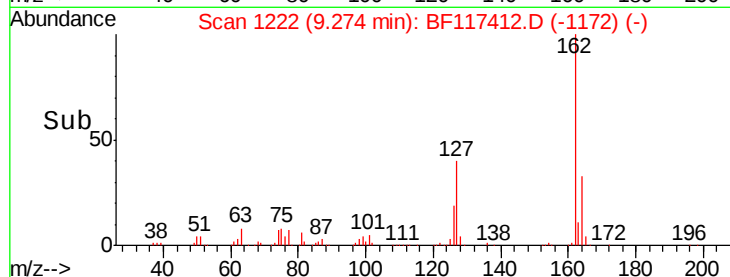
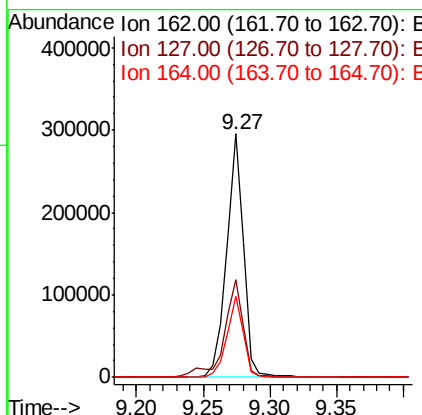
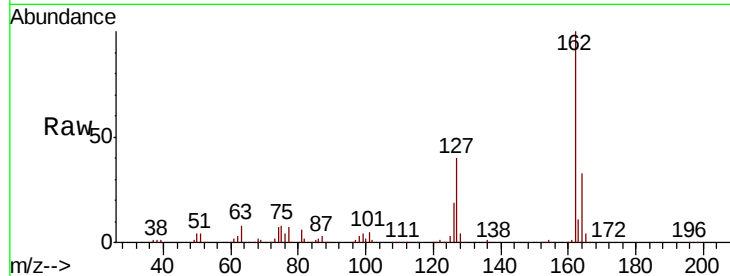
#47
2-Chloronaphthalene
Concen: 47.651 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	265634		
127	40.3	32.6	48.8	
164	33.2	26.2	39.4	

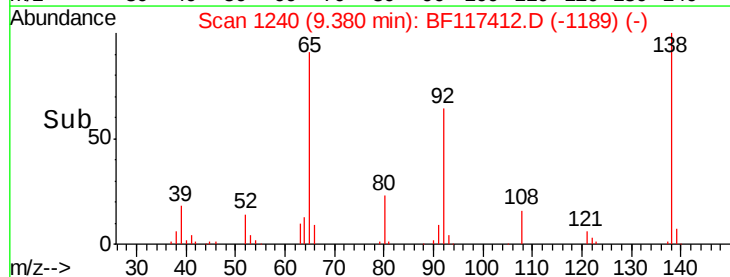
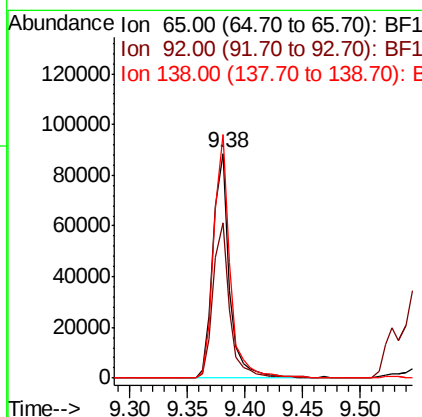
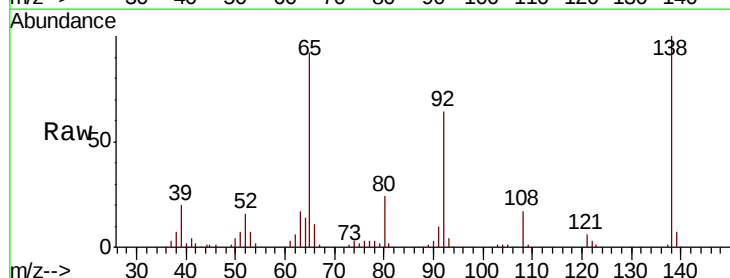
Manual Integrations
APPROVED

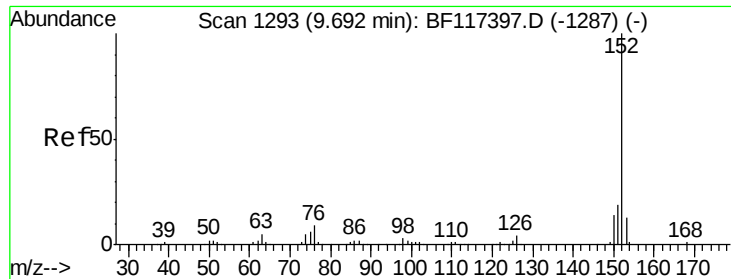
mohammad
10/18/2019 8:26:30 AM



#48
2-Nitroaniline
Concen: 49.678 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	88360		
92	69.2	55.4	83.0	
138	108.4	82.6	124.0	





#49

Acenaphthylene

Concen: 51.184 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

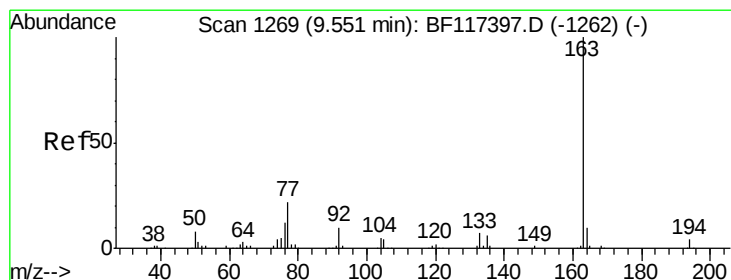
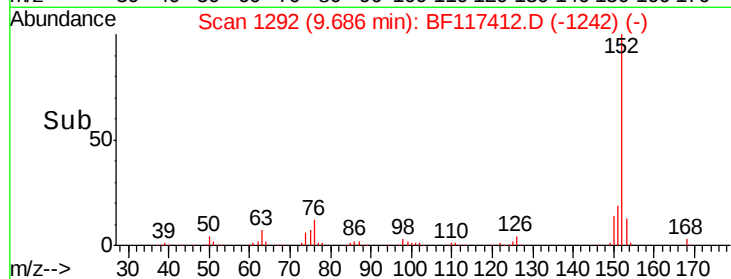
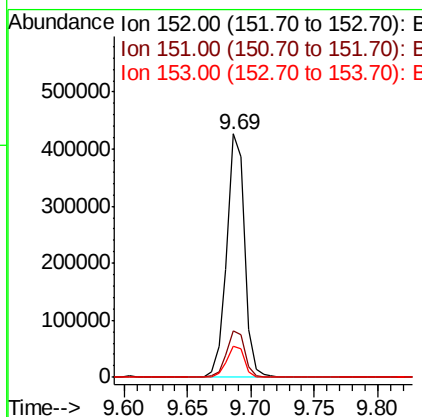
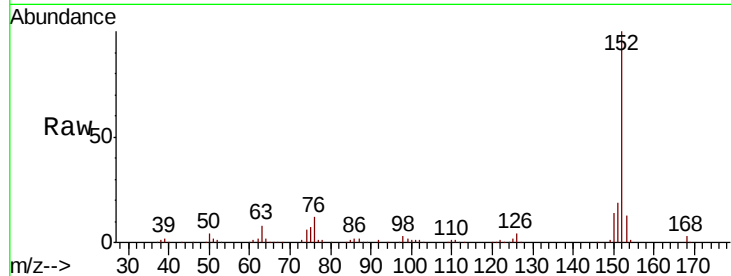
ClientSampleId :

OR-03-101119MS

Tot Ion:	152	Resp:	418290
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.5	23.3
153	13.0	10.6	16.0

Manual Integrations
APPROVED

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#50

Dimethylphthalate

Concen: 50.592 ng

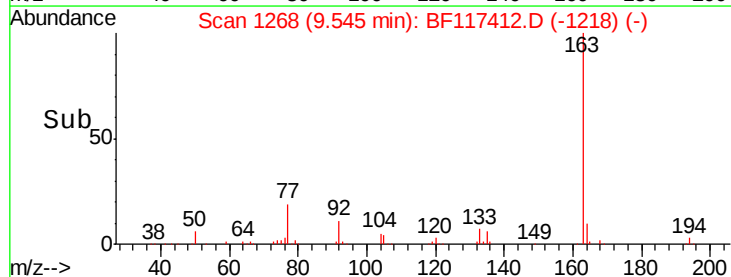
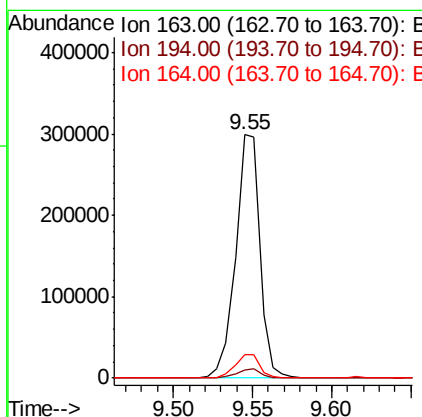
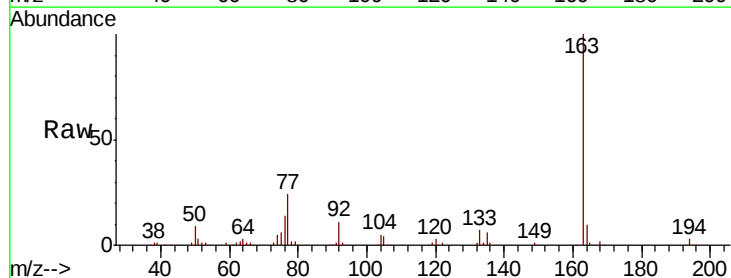
RT: 9.55 min Scan# 1268

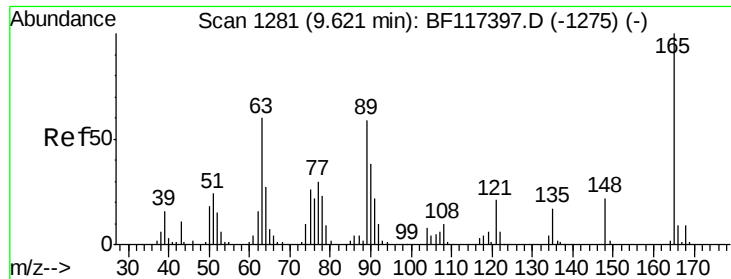
Delta R.T. -0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Tgt Ion:	163	Resp:	318052
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.1	4.7
164	9.8	8.0	12.0





#51

2,6-Dinitrotoluene

Concen: 52.370 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

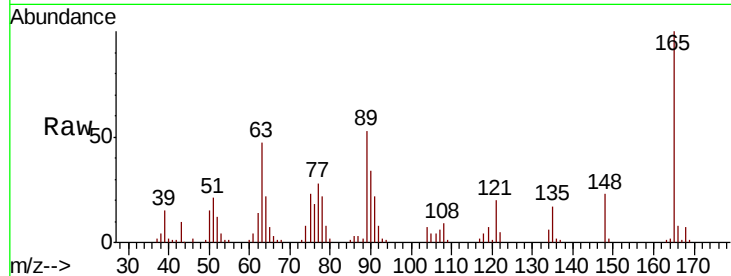
ClientSampleId :

OR-03-101119MS

Tot Ion:	165	Resp:	69201
Ion Ratio	Lower	Upper	
165	100		
63	47.0	47.8	71.6#
89	53.2	47.4	71.0

Manual Integrations
APPROVED

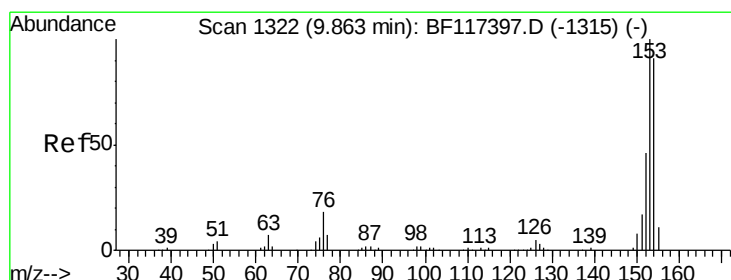
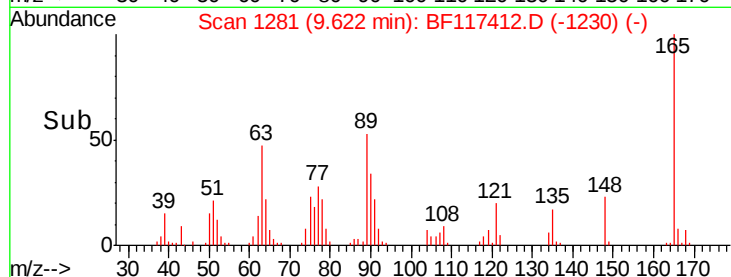
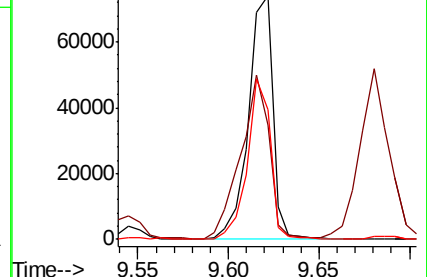
mohammad
10/18/2019 8:26:30 AM



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: 50.097 ng

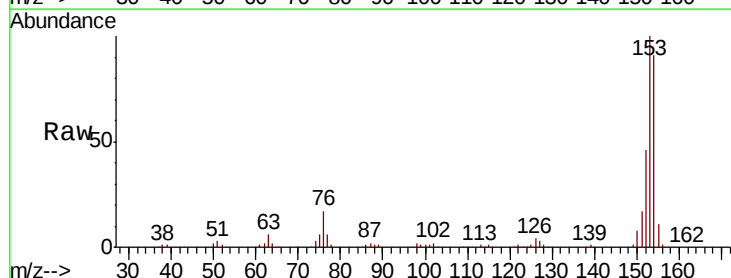
RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

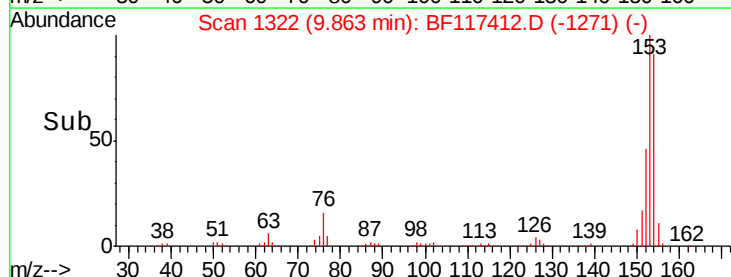
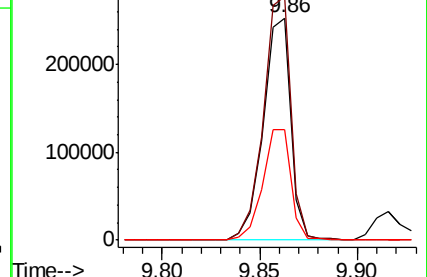
Tgt Ion:	154	Resp:	248772
Ion Ratio	Lower	Upper	
154	100		
153	109.6	87.9	131.9
152	49.9	40.8	61.2

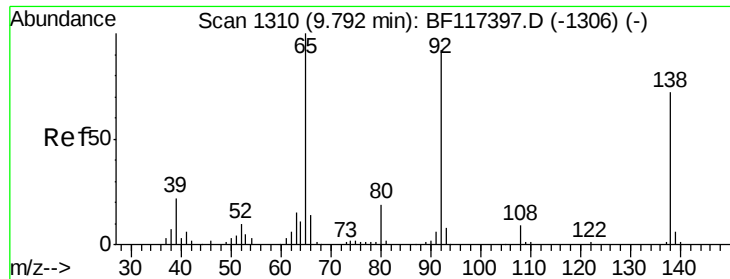


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





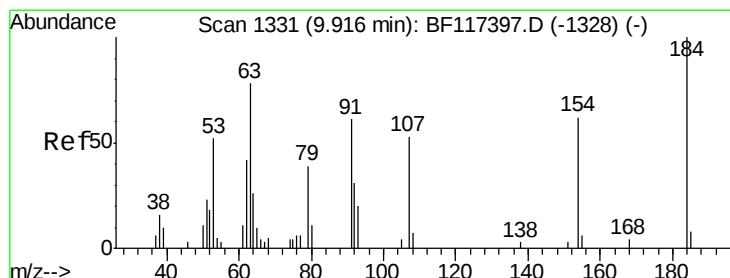
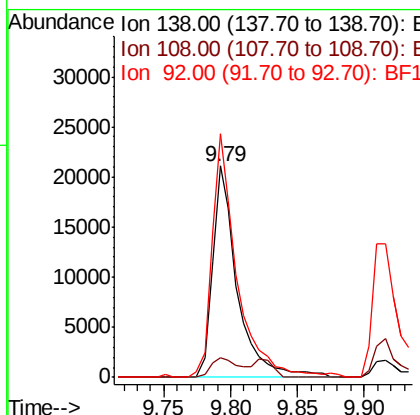
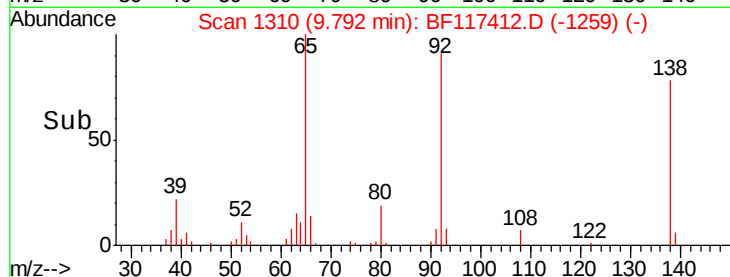
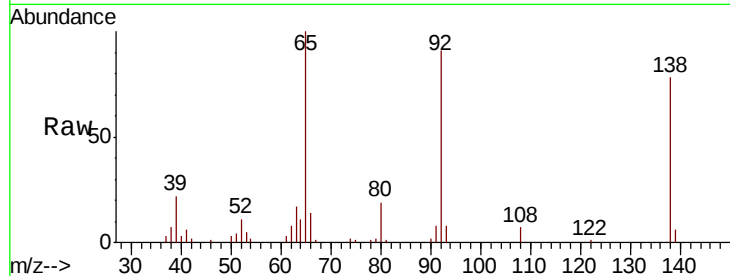
#53
3-Nitroaniline
Concen: 16.832 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	9.5	14.3#
92	115.4	102.2	153.4

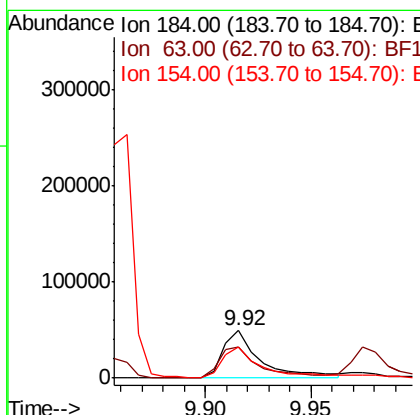
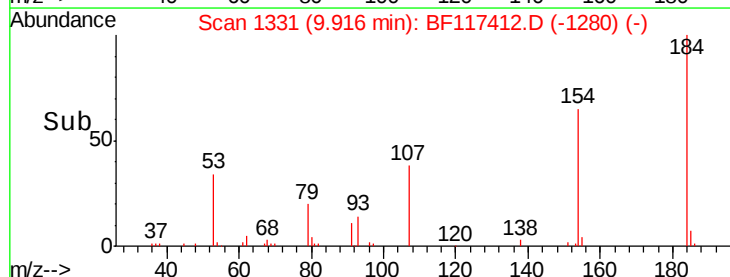
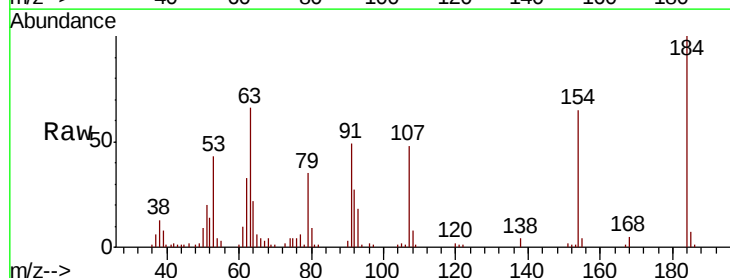
Manual Integrations
APPROVED

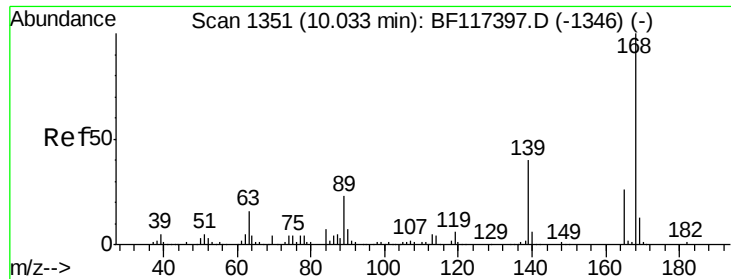
mohammad
10/18/2019 8:26:30 AM



#54
2,4-Dinitrophenol
Concen: 106.086 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.7	62.4	93.6
154	65.2	53.5	80.3





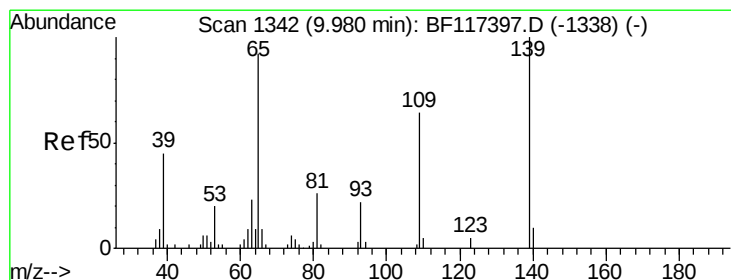
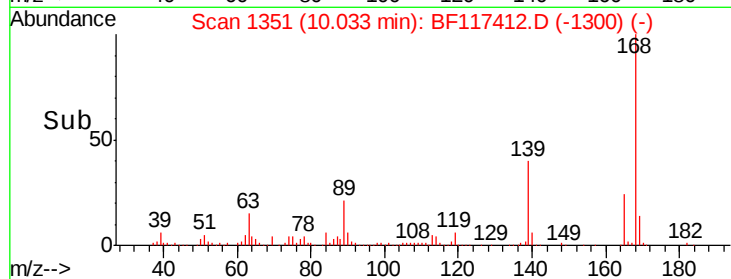
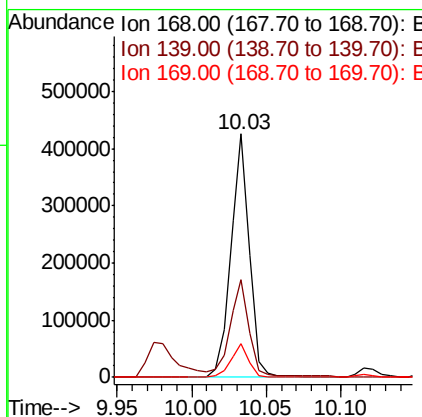
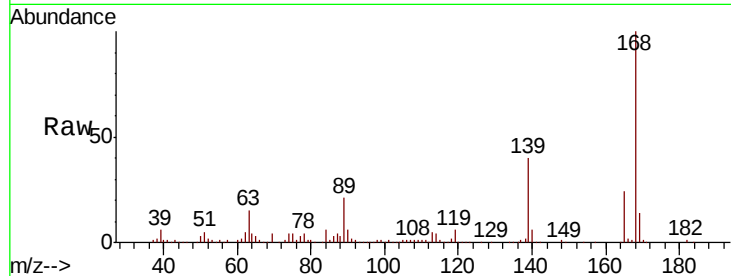
#55
Dibenzenofuran
Concen: 51.835 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	33.3	49.9
169	13.7	10.7	16.1

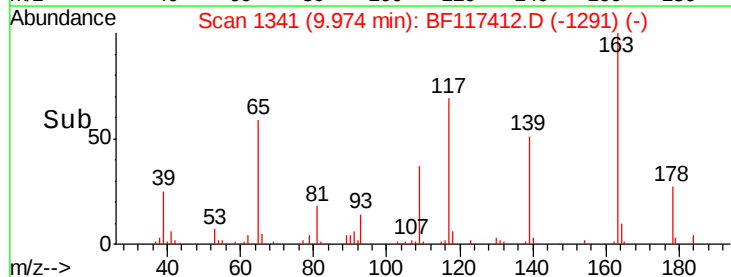
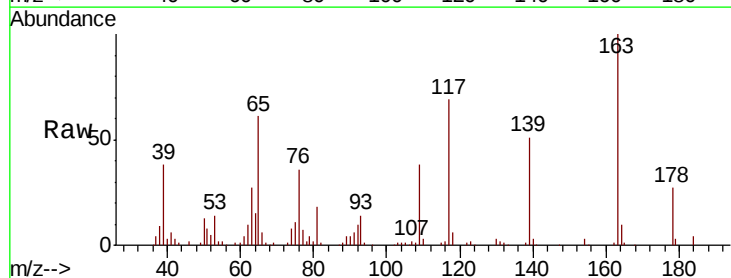
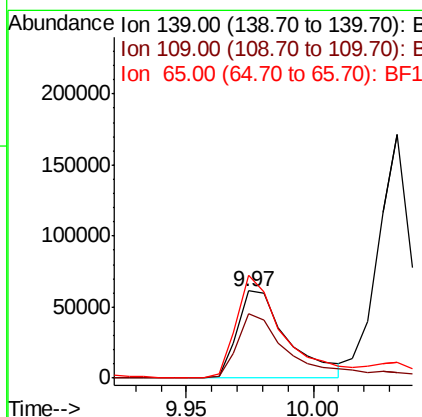
Manual Integrations
APPROVED

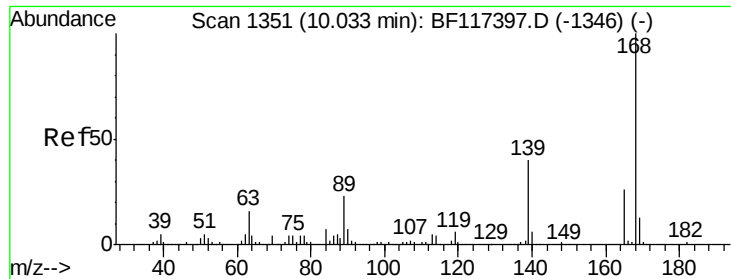
mohammad
10/18/2019 8:26:30 AM



#56
4-Nitrophenol
Concen: 114.386 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.4	43.8	83.8
65	118.1	73.9	113.9#





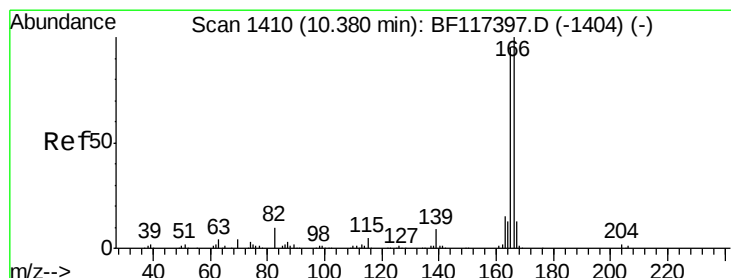
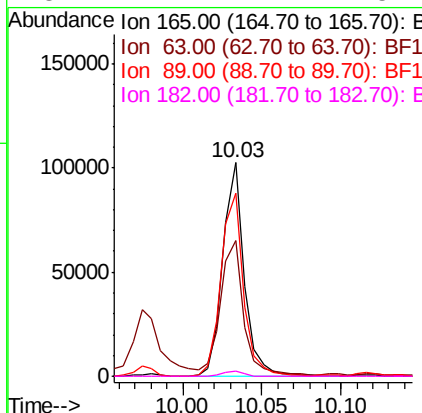
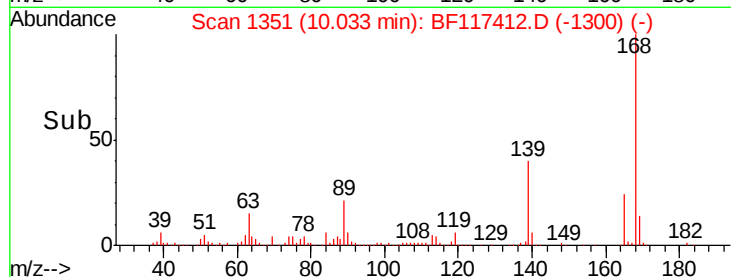
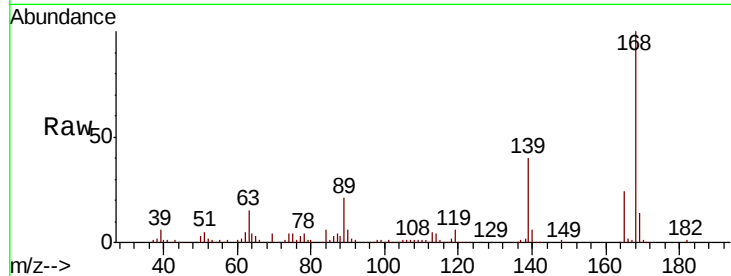
#57
2,4-Dinitrotoluene
Concen: 54.984 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	95868		
63	63.5	51.0	76.4	
89	85.5	70.7	106.1	
182	2.4	2.1	3.1	

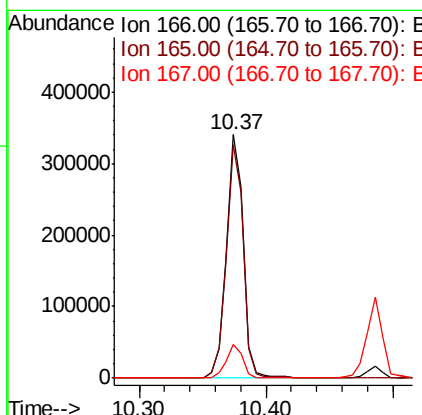
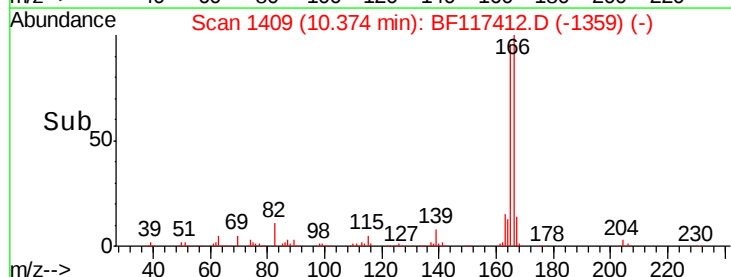
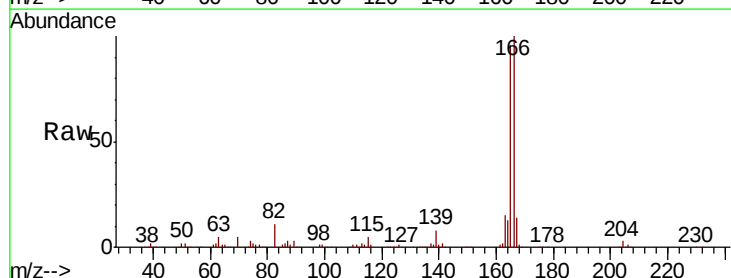
Manual Integrations
APPROVED

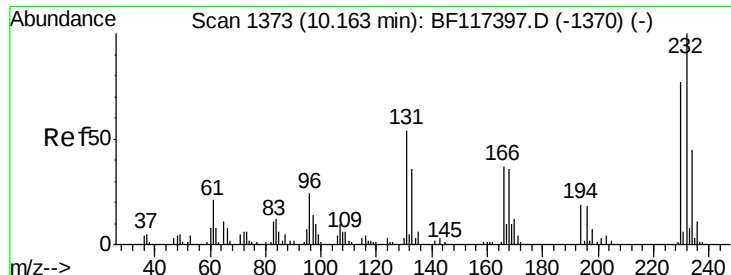
mohammad
10/18/2019 8:26:30 AM



#58
Fluorene
Concen: 51.802 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	312442		
165	96.0	75.7	113.5	
167	13.8	10.4	15.6	





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.181 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

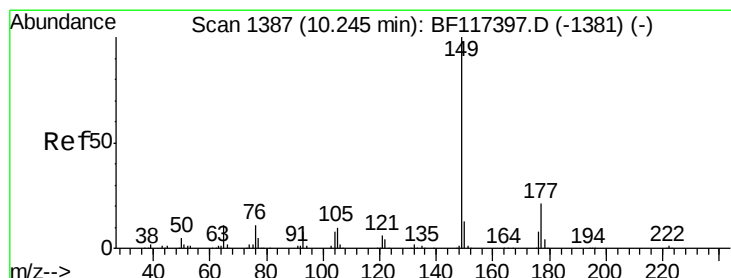
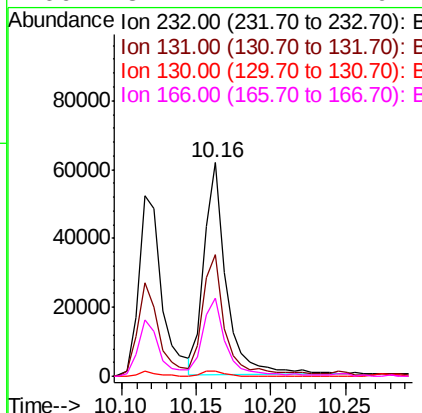
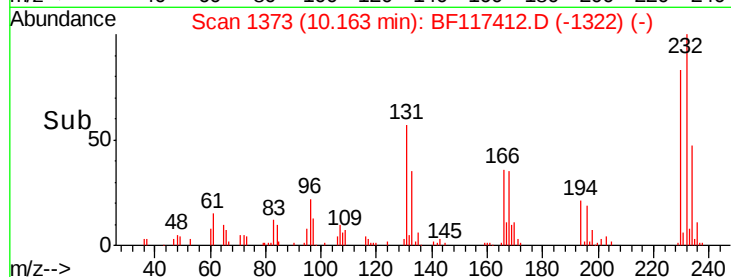
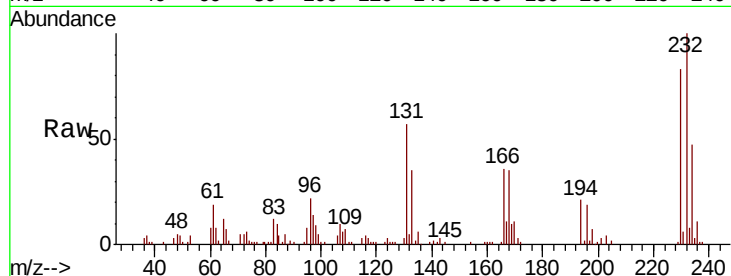
ClientSampleId :

OR-03-101119MS

Tot Ion:	232	Resp:	62523
Ion Ratio	Lower	Upper	
232	100		
131	56.9	44.5	66.7
130	2.7	2.0	3.0
166	37.7	27.1	40.7

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#60

Diethylphthalate

Concen: 51.526 ng

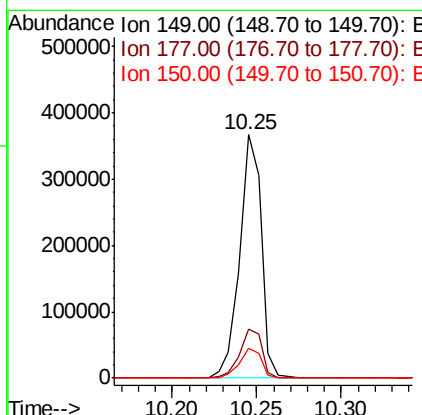
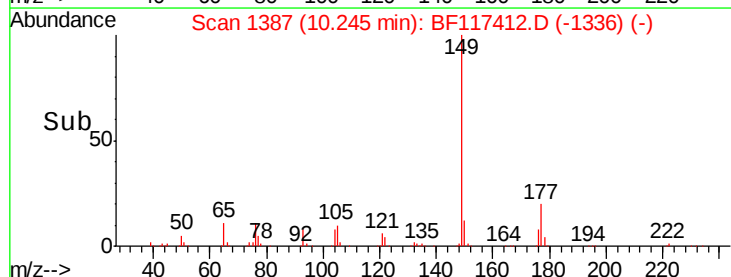
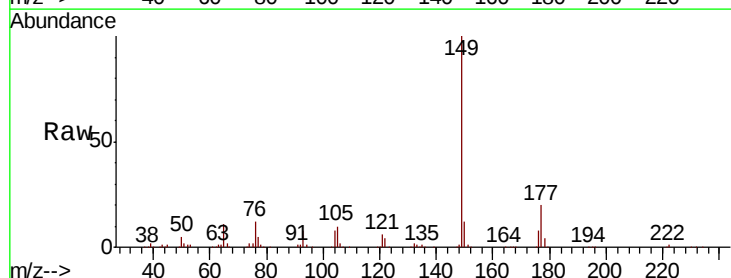
RT: 10.25 min Scan# 1387

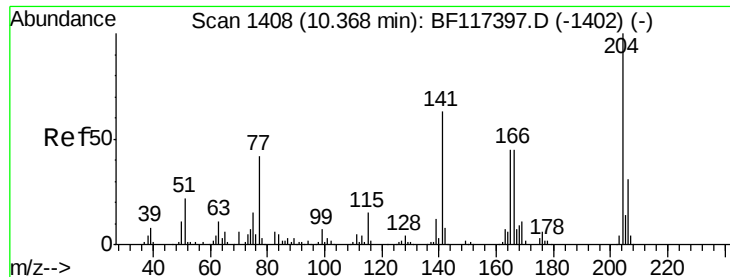
Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Tgt Ion:	149	Resp:	326520
Ion Ratio	Lower	Upper	
149	100		
177	20.1	16.5	24.7
150	12.4	10.1	15.1





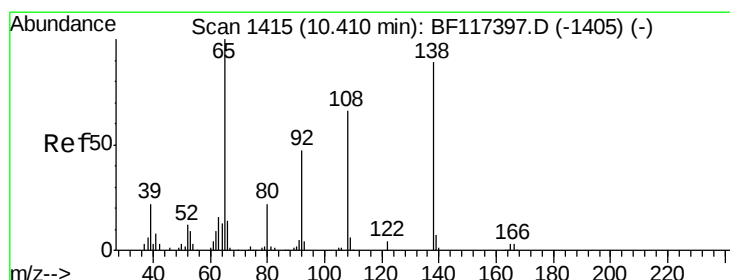
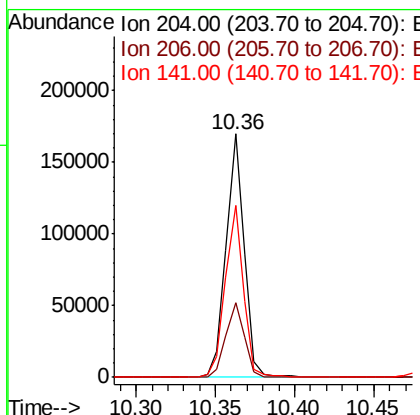
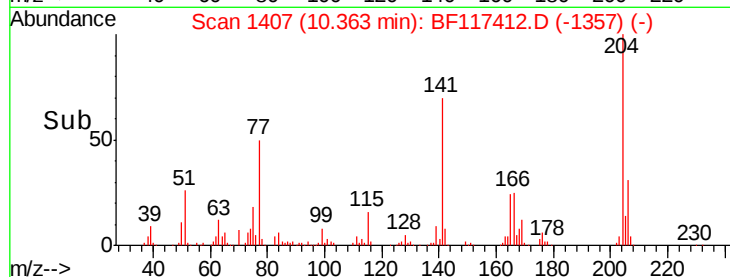
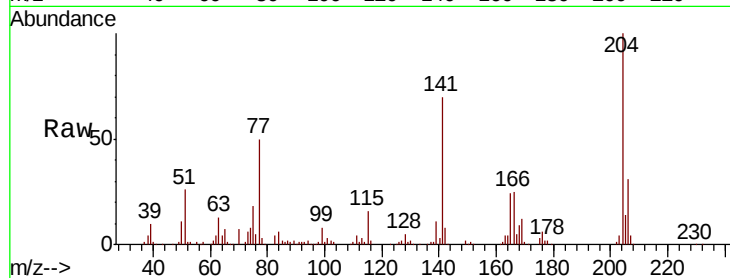
#61
4-Chlorophenyl-phenylether
Concen: 50.596 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	30.9	25.0	37.4
141	70.4	50.7	76.1

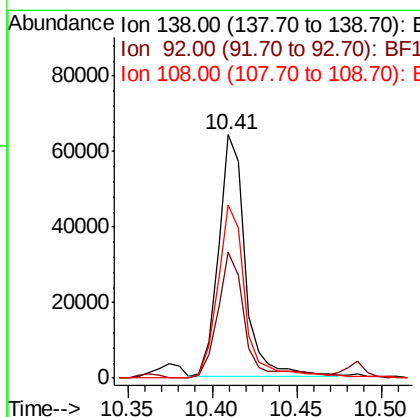
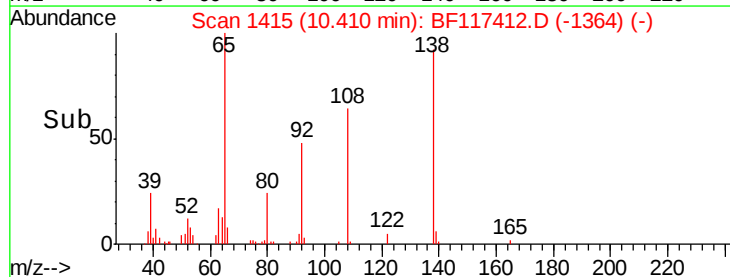
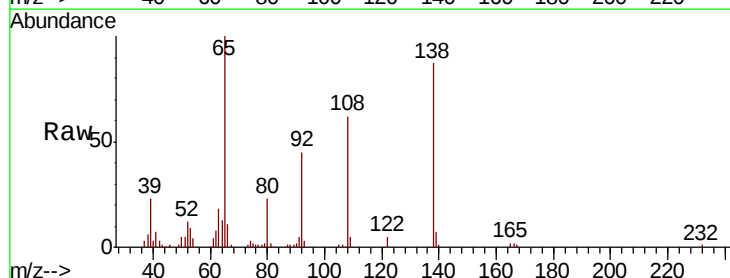
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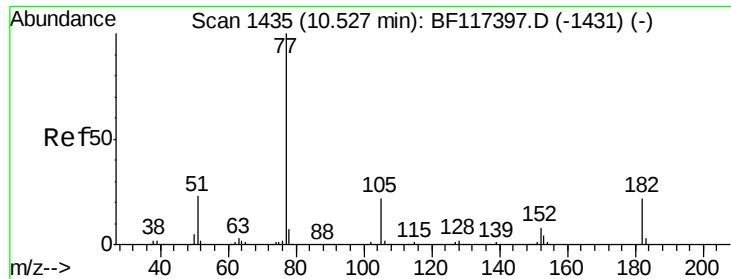
mohammad
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#62
4-Nitroaniline
Concen: 46.184 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	32.4	72.4
108	71.4	53.8	93.8





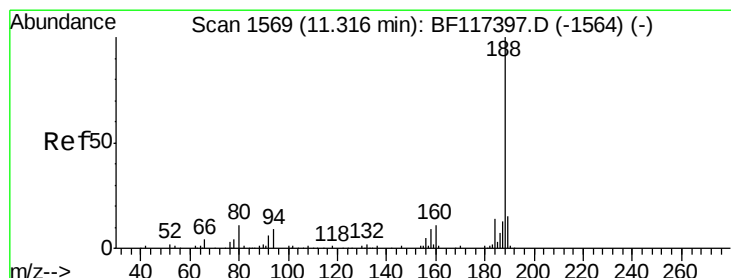
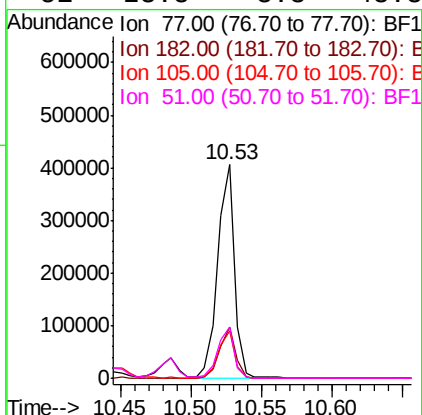
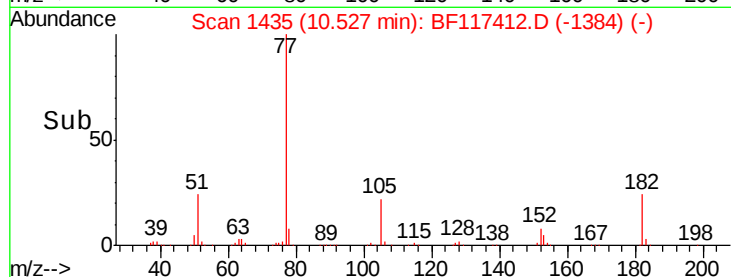
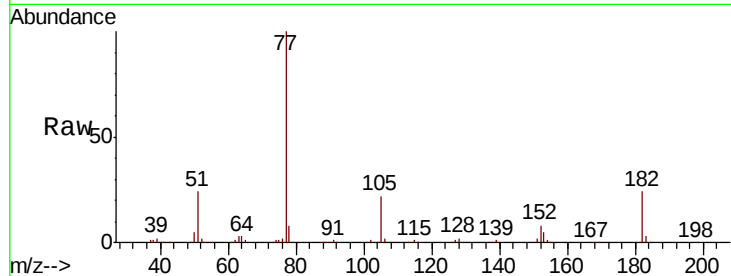
#63
Azobenzene
Concen: 51.627 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.9	1.5	41.5		
105	22.3	1.8	41.8		
51	23.8	3.3	43.3		

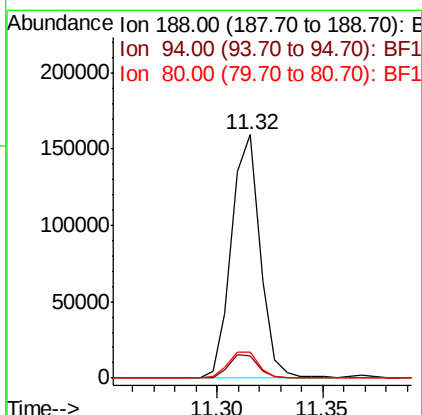
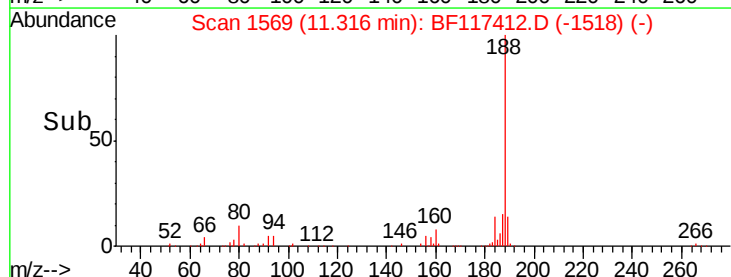
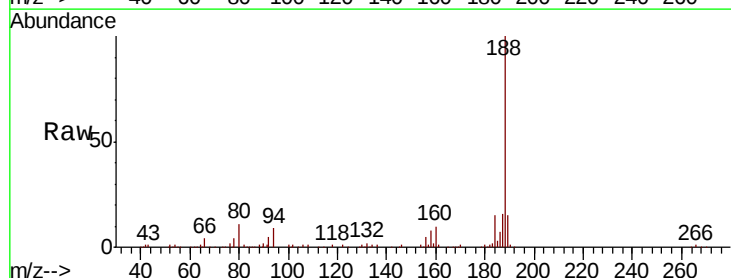
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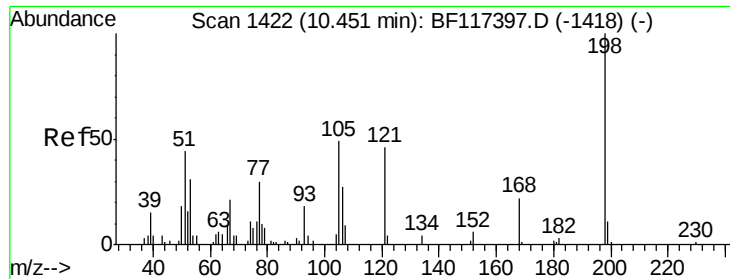
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.1	7.5	11.3		
80	10.8	8.7	13.1		





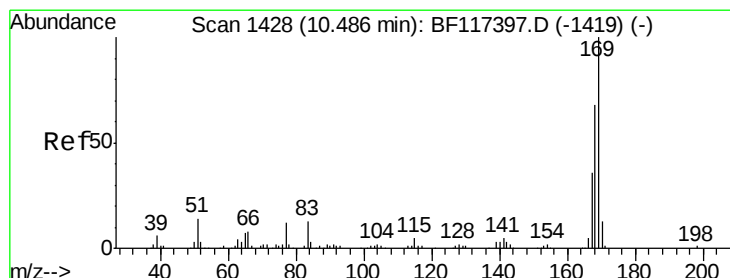
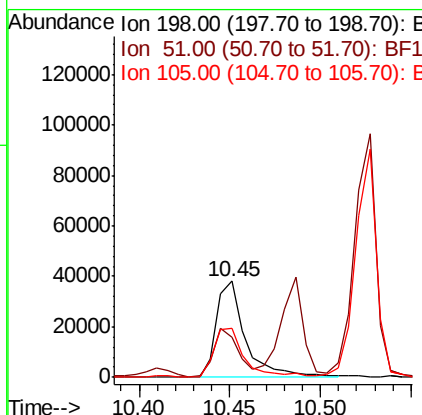
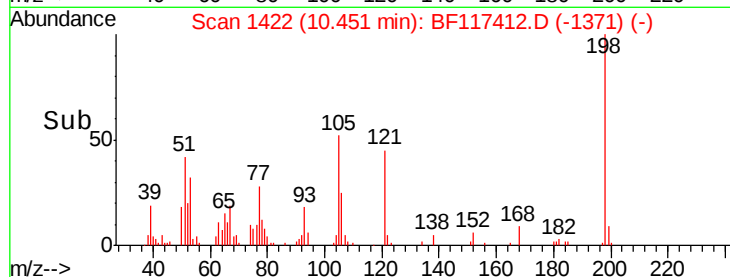
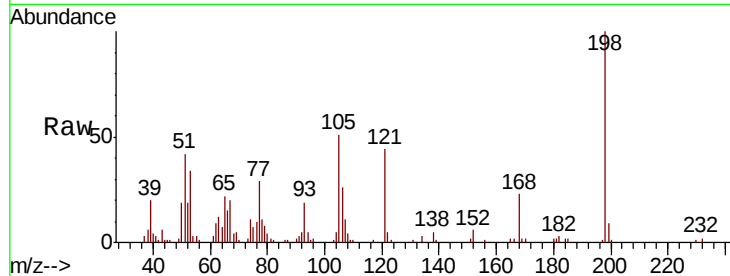
#65
4,6-Dinitro-2-methylphenol
Concen: 52.610 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.7	25.9	65.9
105	50.9	29.4	69.4

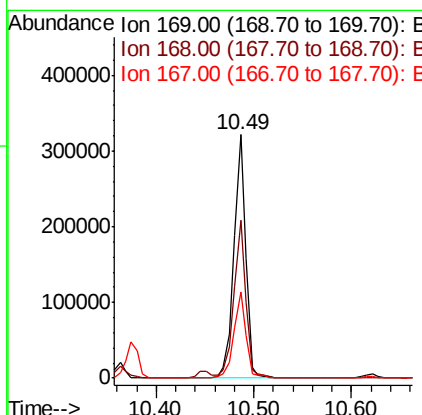
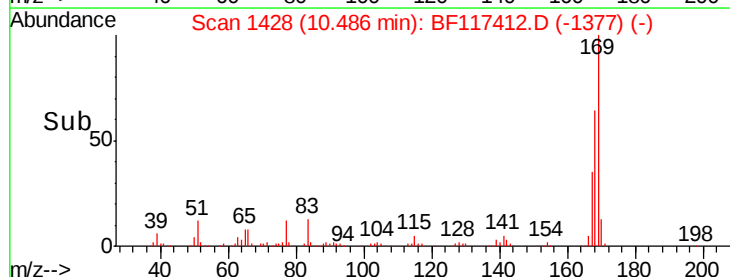
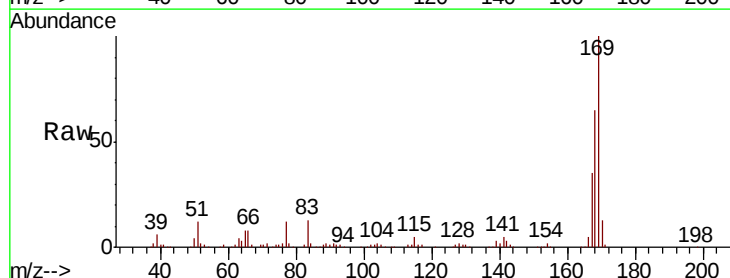
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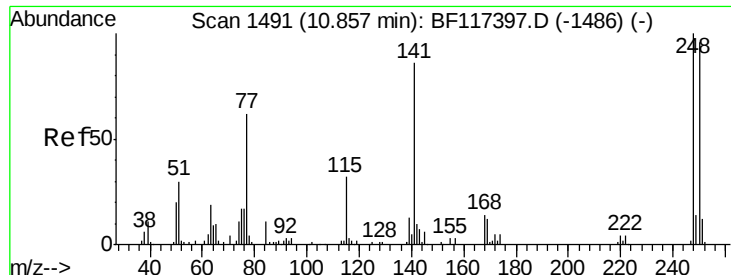
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#66
n-Nitrosodiphenylamine
Concen: 48.719 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.6	54.1	81.1
167	35.4	28.8	43.2





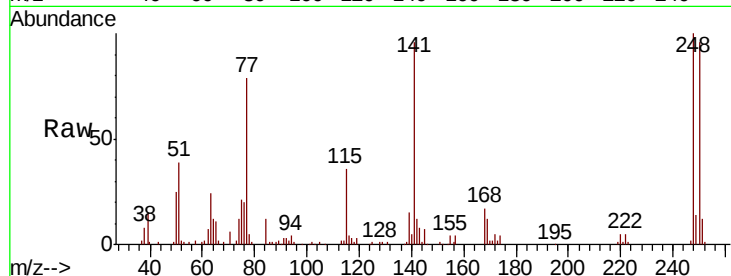
#67
4-Bromophenyl-phenylether
Concen: 48.246 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.1	115.7
141	96.2	69.1	103.7

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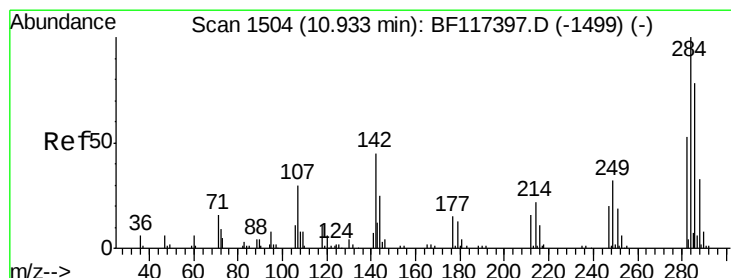
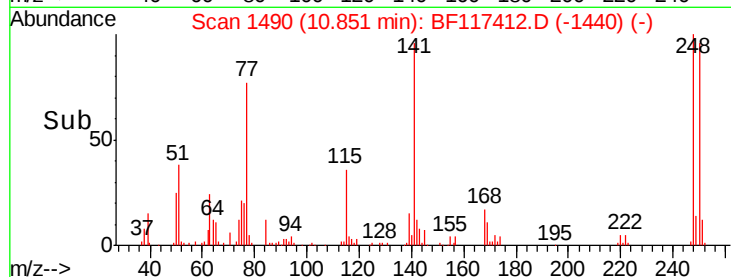
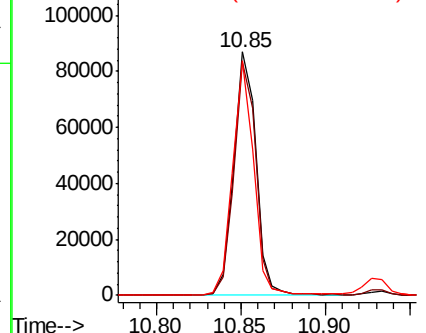


Abundance

Ion 248.00 (247.70 to 248.70): E

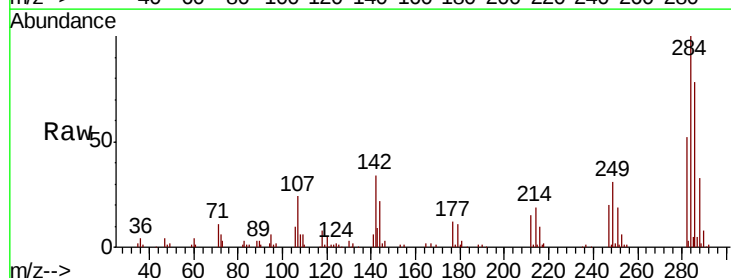
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.363 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	35.7	53.5#
249	31.0	25.8	38.6

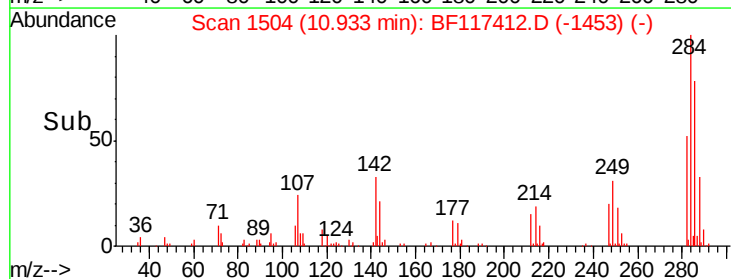
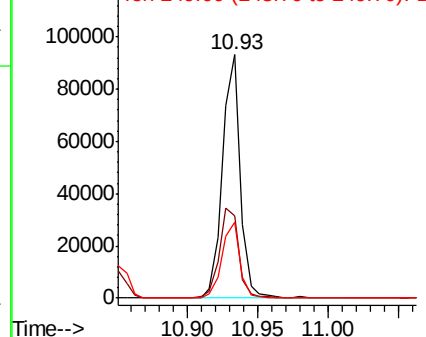


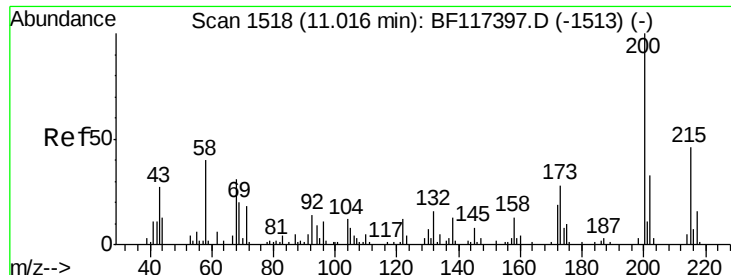
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





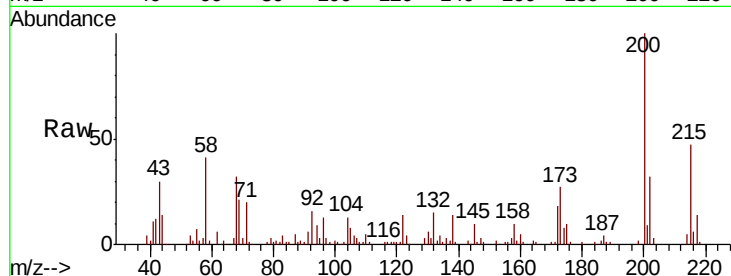
#69
Atrazine
Concen: 68.450 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.0	48.0
215	46.7	25.8	65.8

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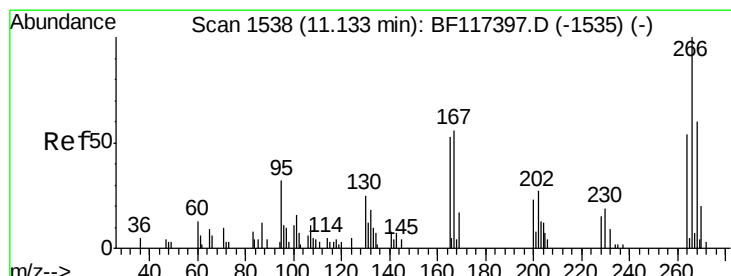
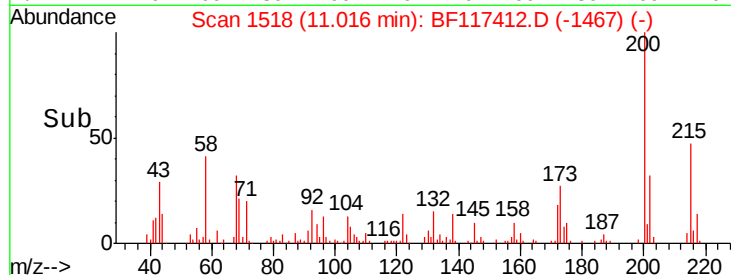
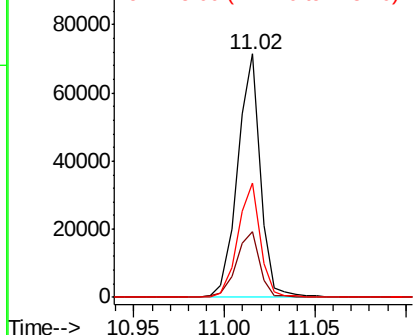


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 145.139 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

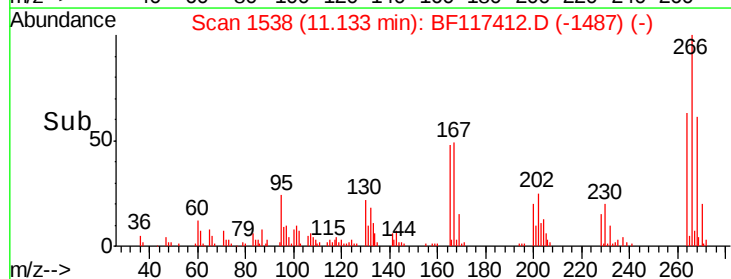
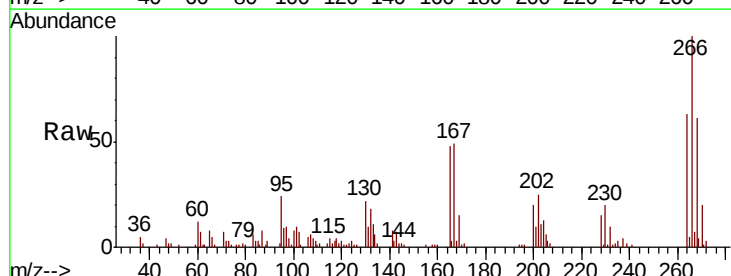
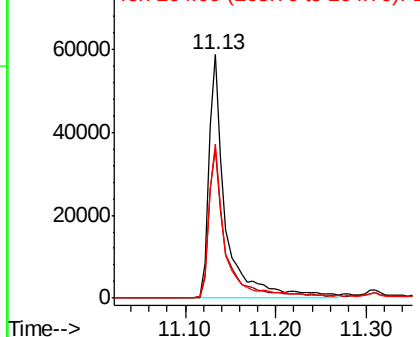
Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.4	47.8	71.6
264	63.0	42.9	64.3

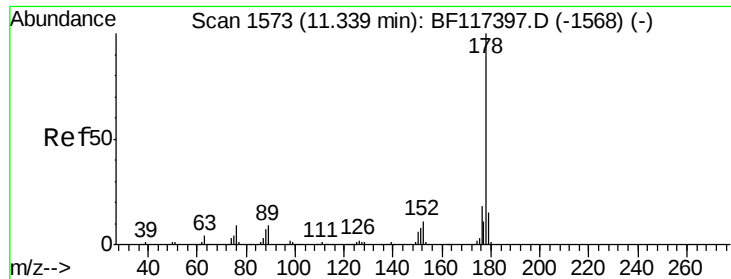
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





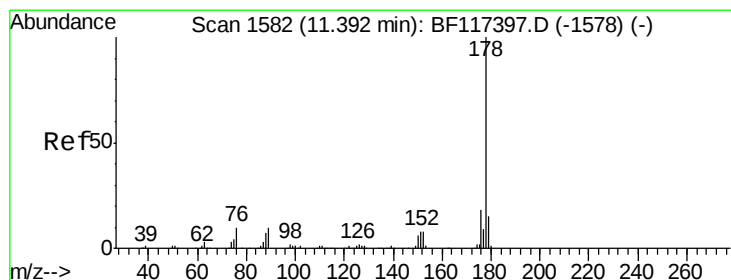
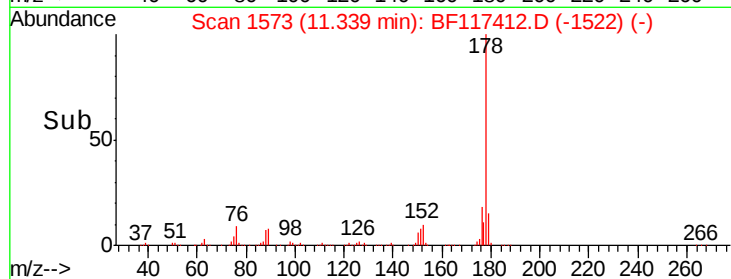
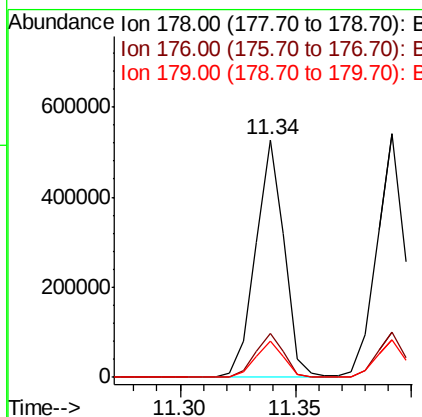
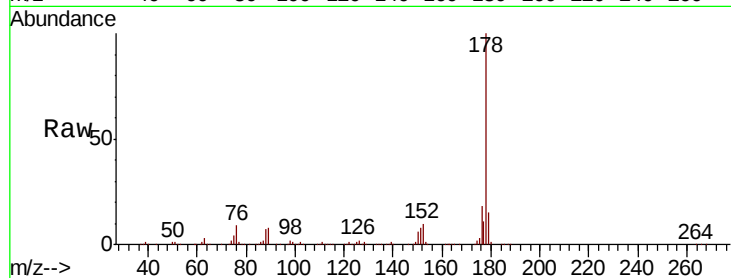
#71
Phenanthrene
Concen: 51.522 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.2	12.3	18.5

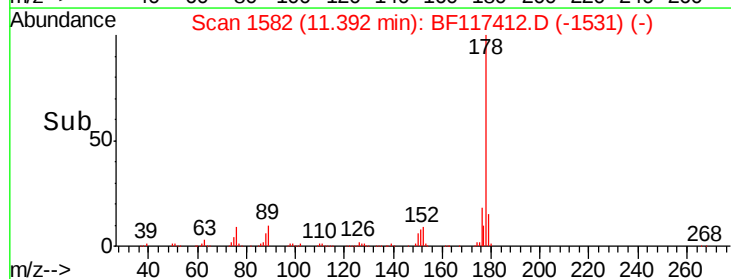
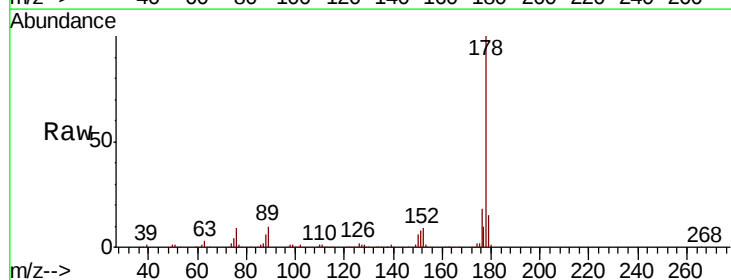
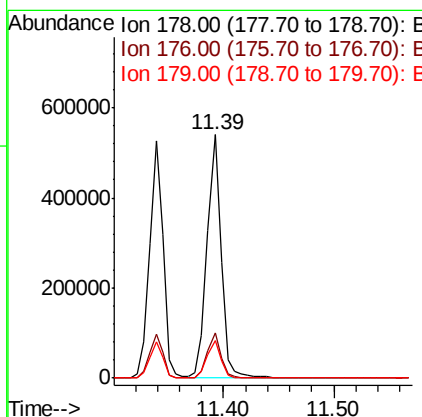
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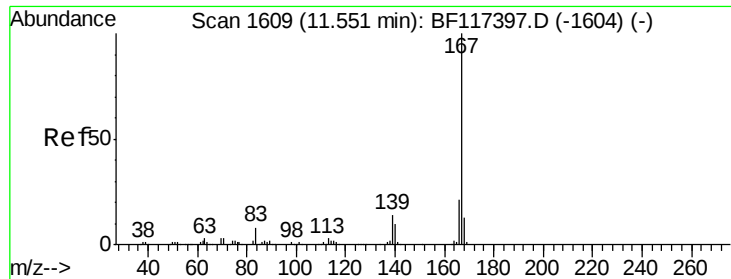
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#72
Anthracene
Concen: 50.836 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.4	21.6
179	15.2	12.1	18.1





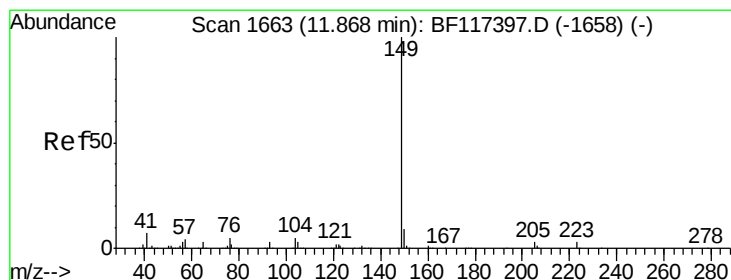
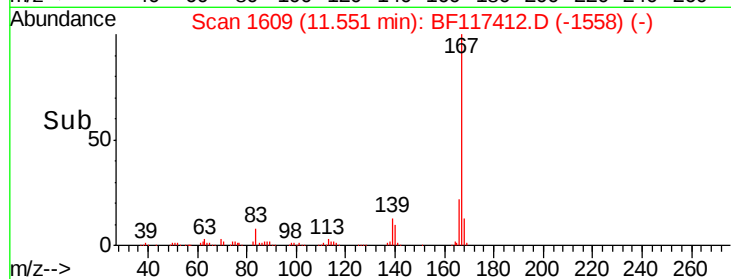
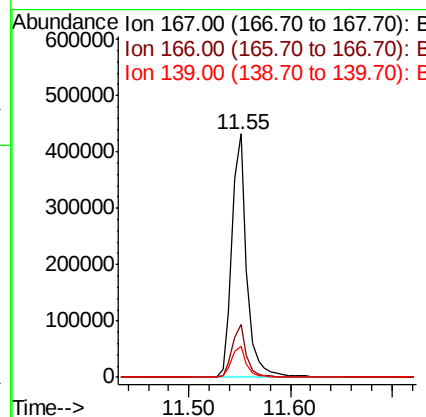
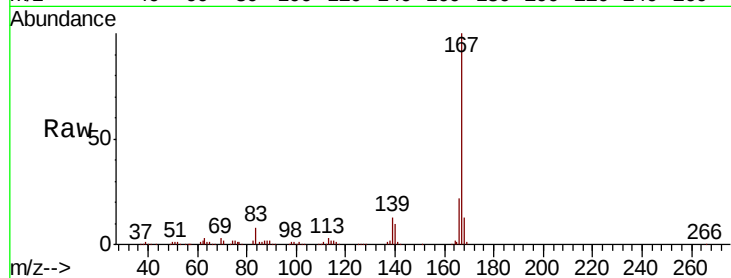
#73
 Carbazole
 Concen: 53.052 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

Tot Ion:	167	Resp:	441030
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.0	25.4
139	12.7	10.8	16.2

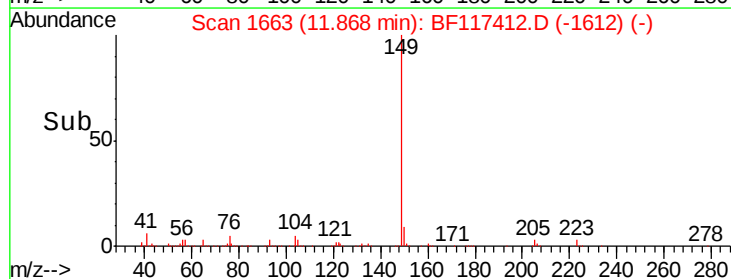
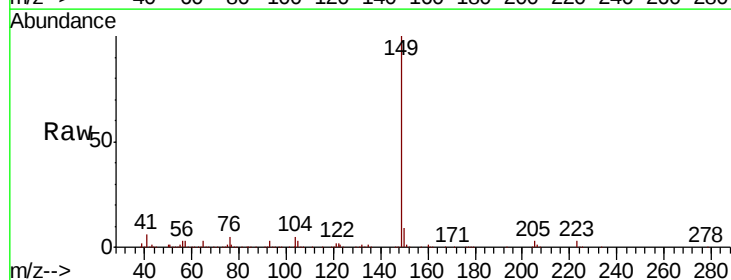
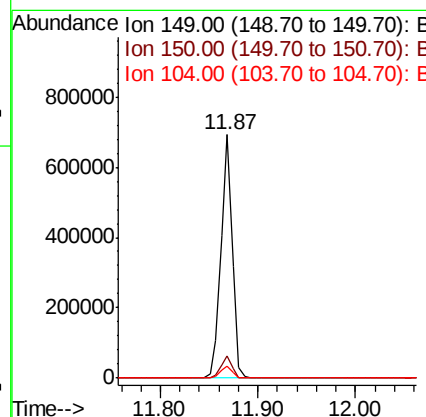
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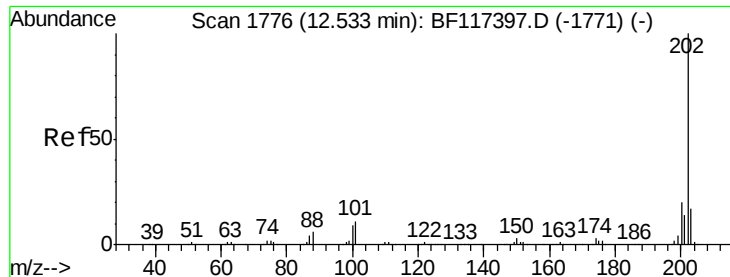
mohammad
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#74
 Di-n-butylphthalate
 Concen: 49.574 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion:	149	Resp:	558039
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.0	10.6
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 54.619 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

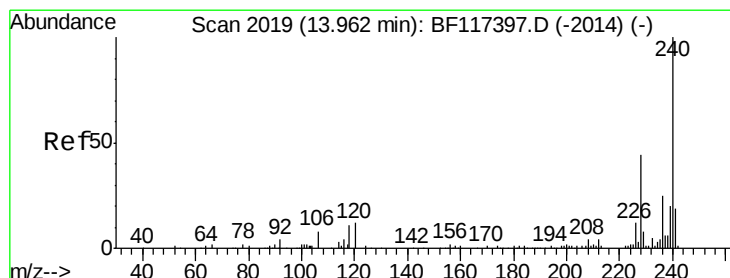
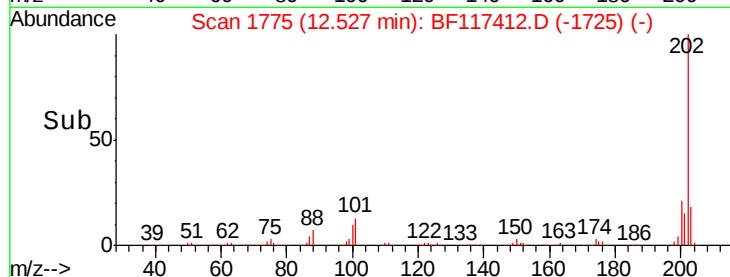
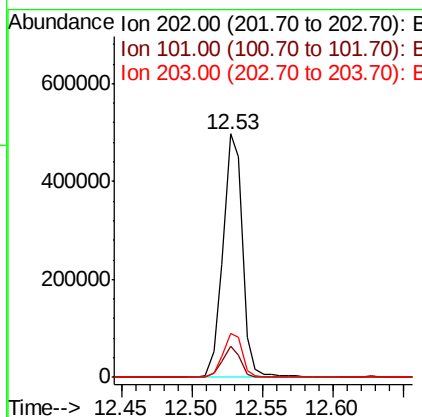
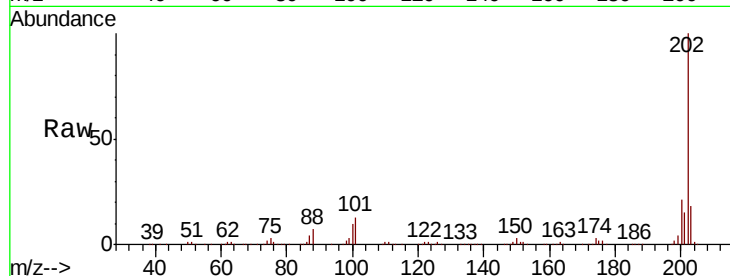
ClientSampleId :

OR-03-101119MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	481477		
101	13.0	0.0	31.3	
203	18.1	0.0	36.9	

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#76

Chrysene-d12

Concen: 20.000 ng

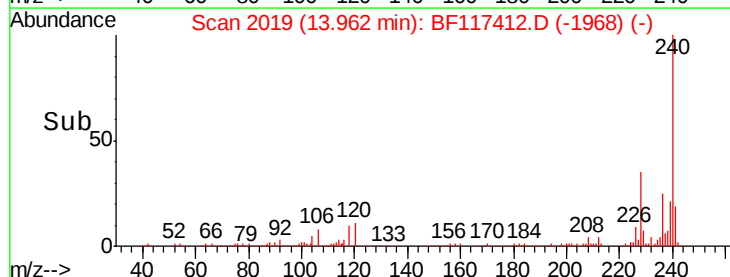
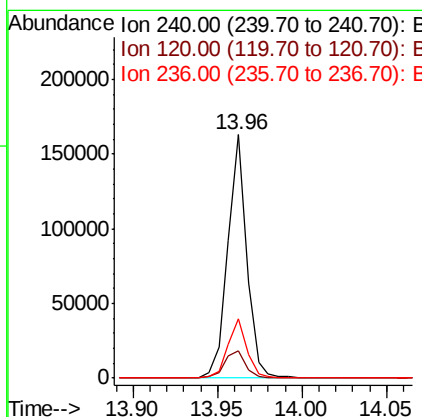
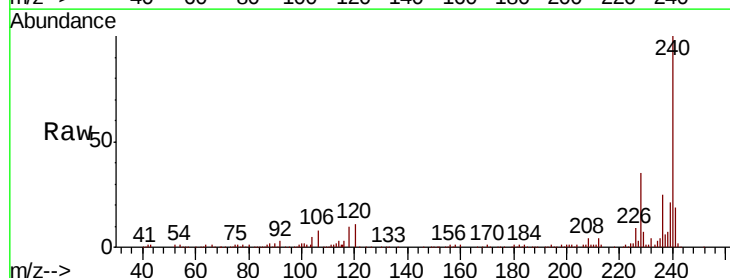
RT: 13.96 min Scan# 2019

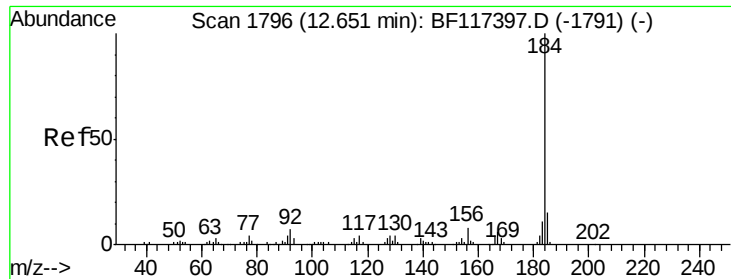
Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	127389		
120	11.2	9.4	14.0	
236	24.6	19.8	29.6	





#77

Benzidine

Concen: 0.989 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

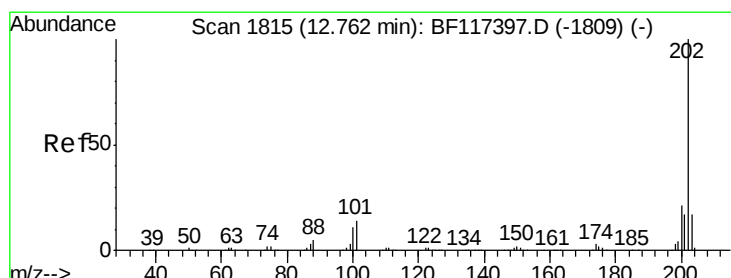
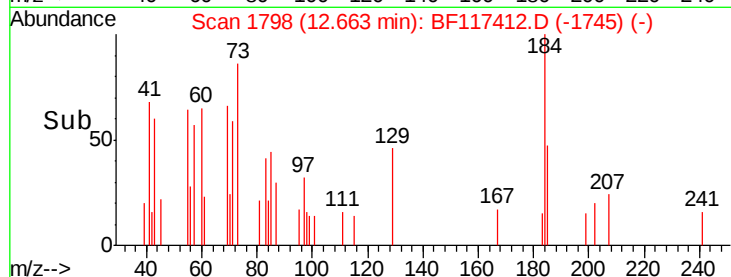
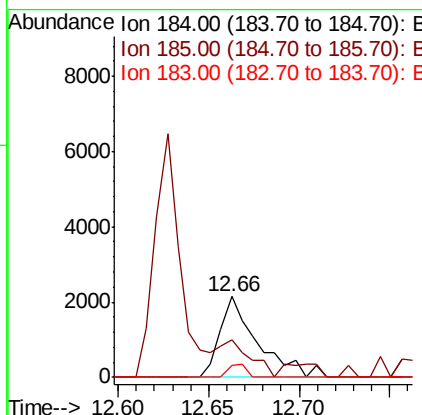
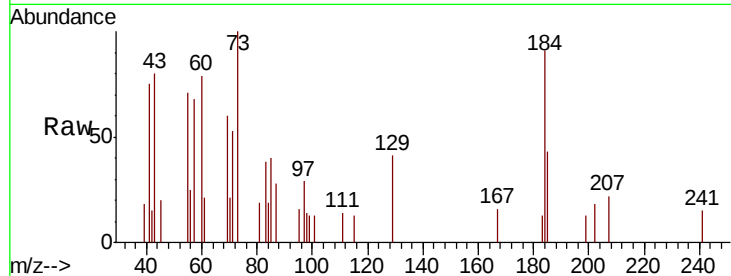
ClientSampleId :

OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	47.3	12.2	18.2#
183	14.5	8.9	13.3#

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#78

Pyrene

Concen: 43.871 ng

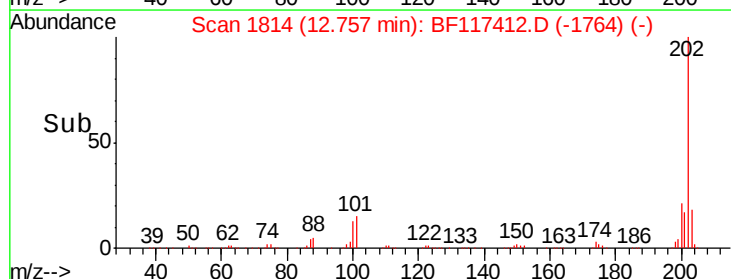
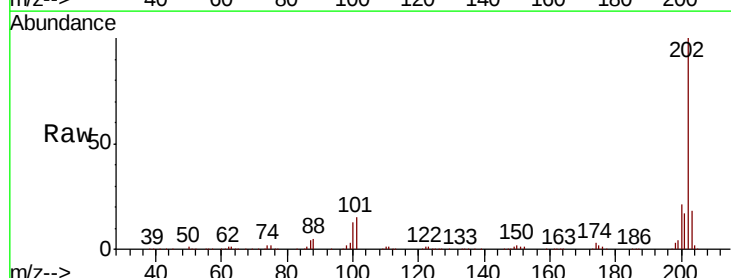
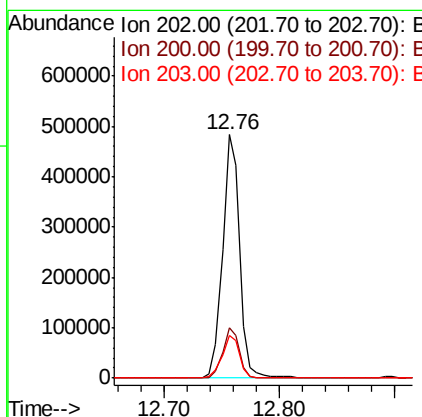
RT: 12.76 min Scan# 1814

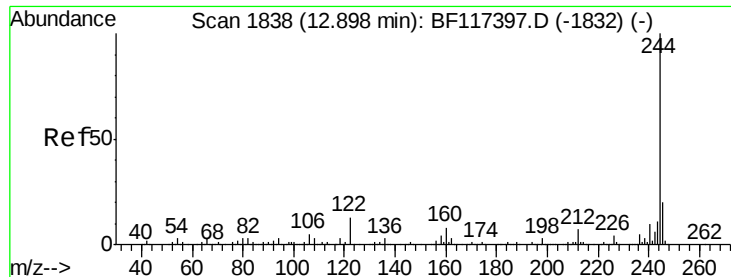
Delta R.T. -0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.6	14.0	21.0





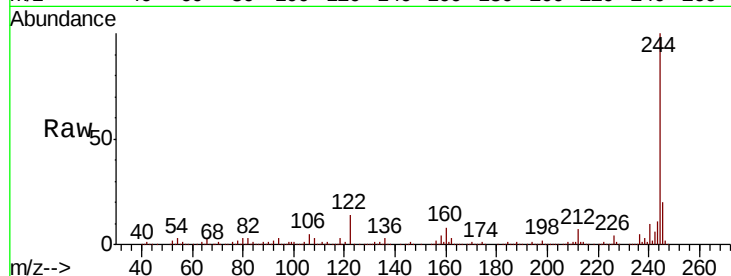
#79
 Terphenyl-d14
 Concen: 82.930 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

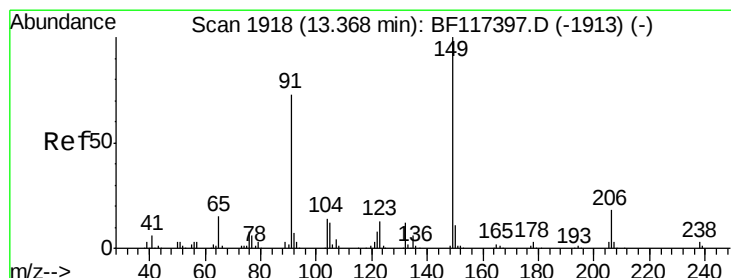
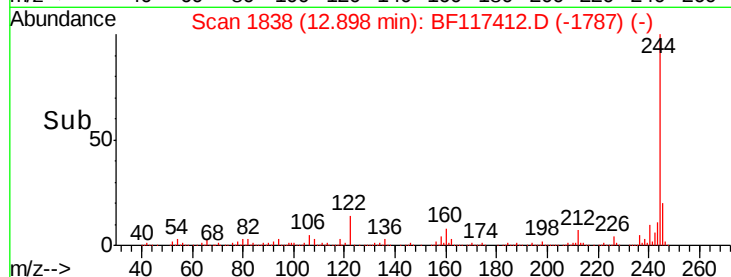
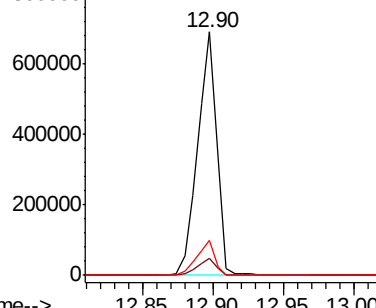
Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	5.7	8.5	
122	14.2	10.7	16.1	

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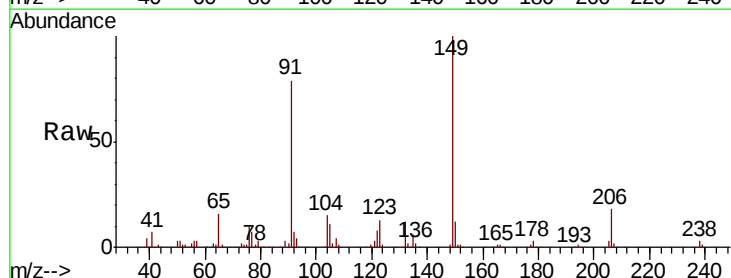


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

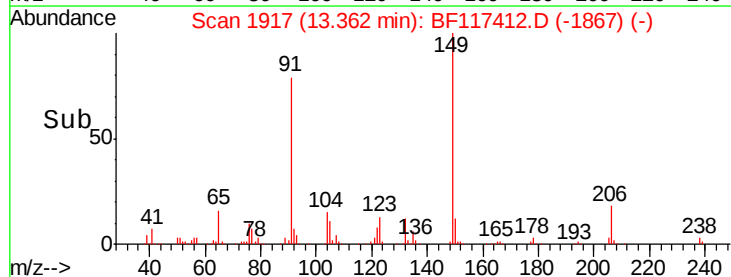
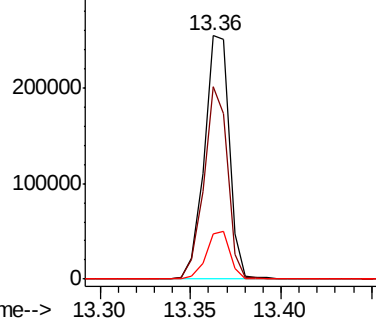


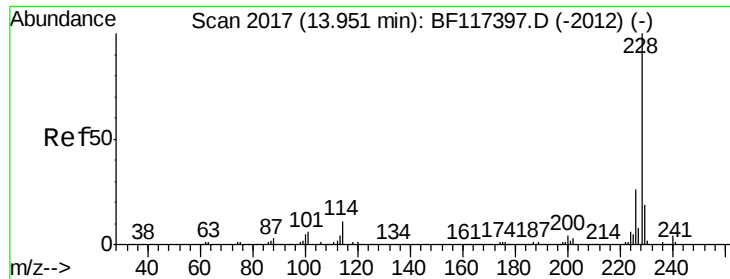
#80
 Butylbenzylphthalate
 Concen: 43.364 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	79.2	58.5	87.7	
206	18.4	14.4	21.6	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





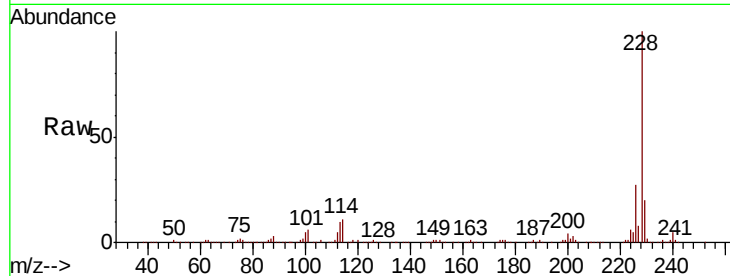
#81
Benzo(a)anthracene
Concen: 48.277 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.9	31.3
229	20.0	15.2	22.8

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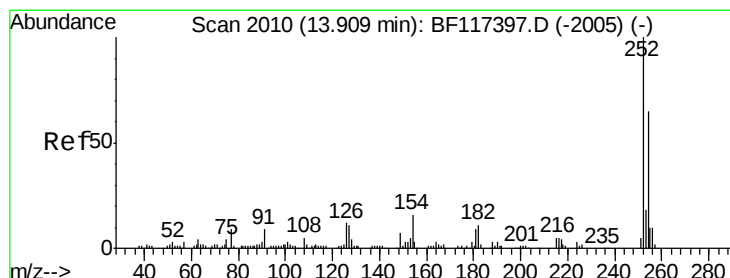
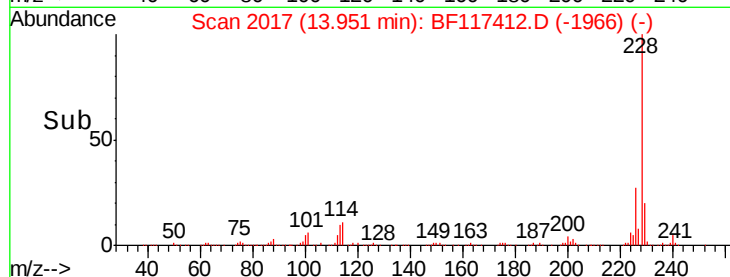
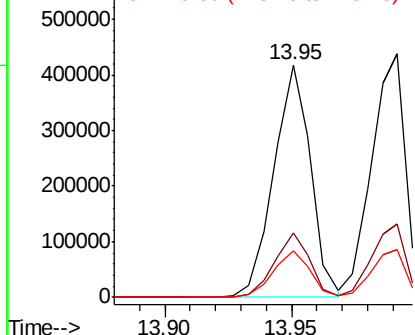


Abundance

Ion 228.00 (227.70 to 228.70): E

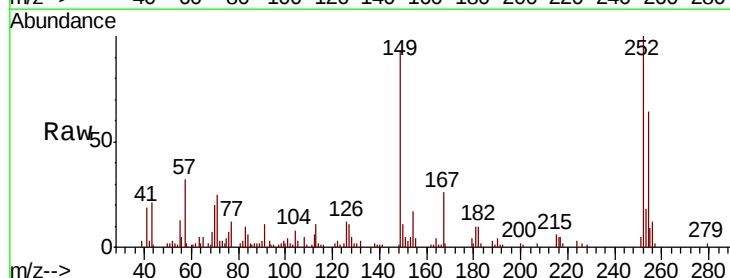
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 12.825 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.6	77.4
126	12.1	9.6	14.4

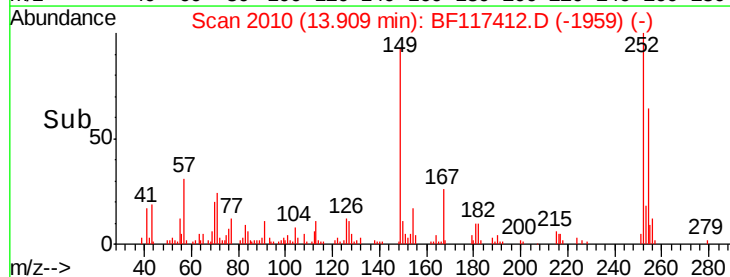
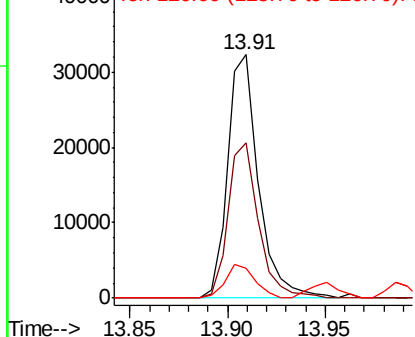


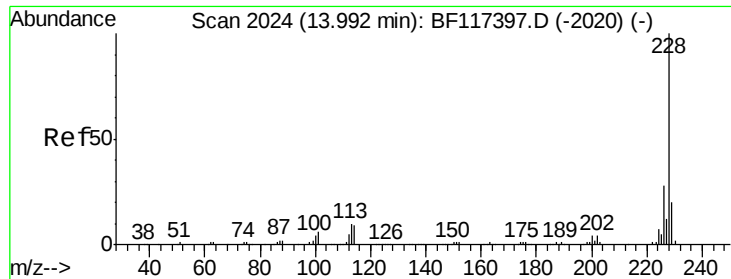
Abundance

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





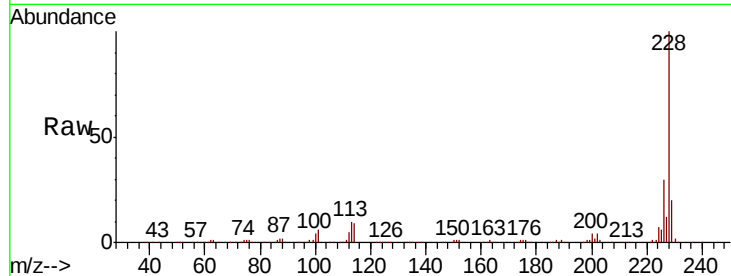
#83
 Chrysene
 Concen: 48.316 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.8	34.2
229	19.6	15.7	23.5

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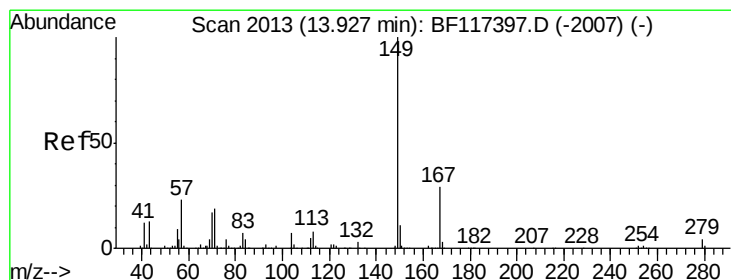
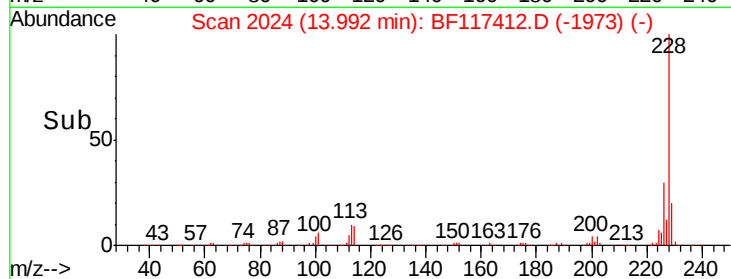
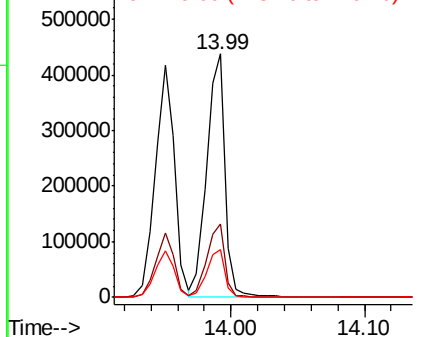


Abundance

Ion 228.00 (227.70 to 228.70): E

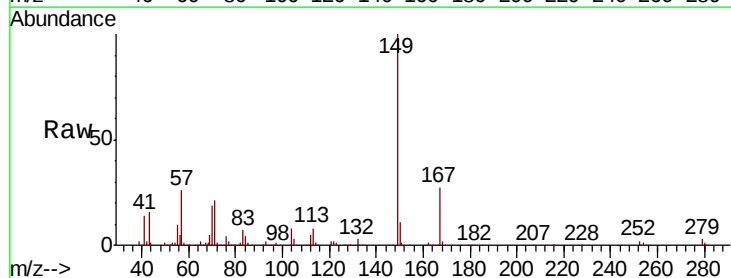
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.186 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	23.0	34.6
279	2.9	3.0	4.6#

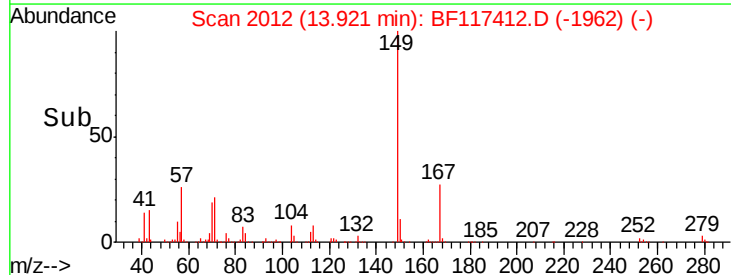
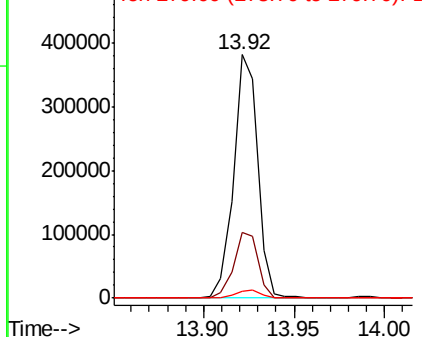


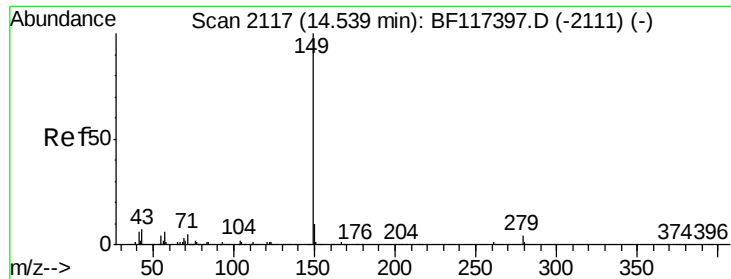
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





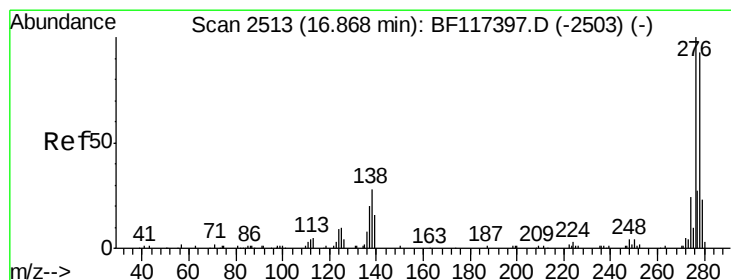
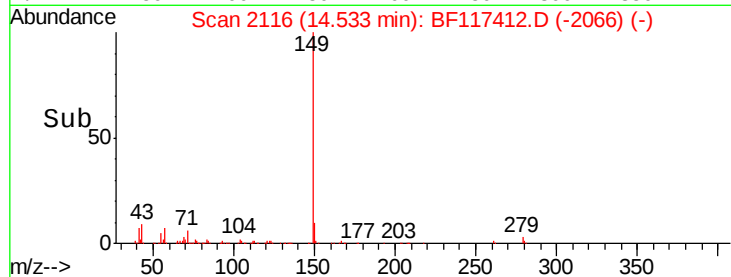
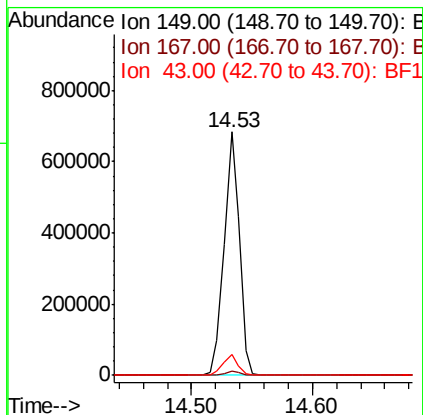
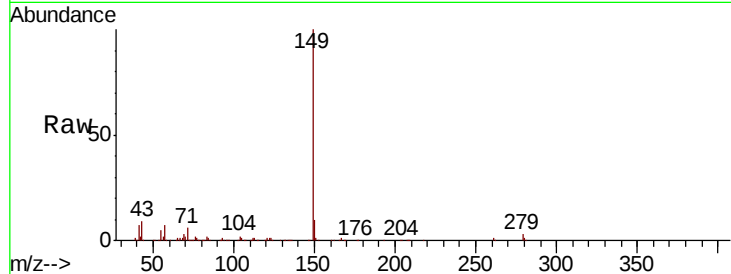
#85
Di-n-octyl phthalate
Concen: 49.135 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.1	1.7
43	8.2	6.6	9.8

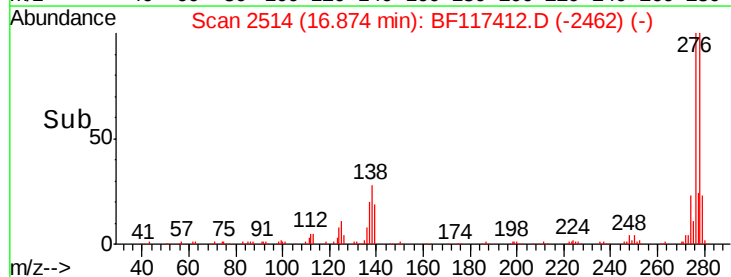
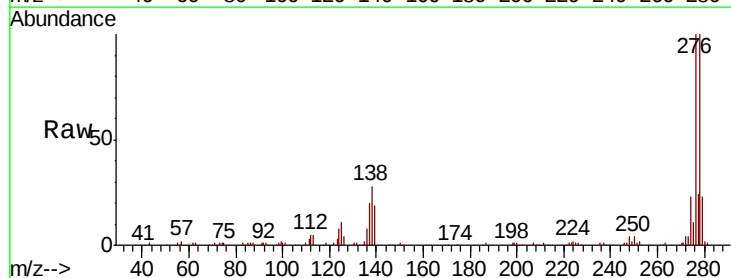
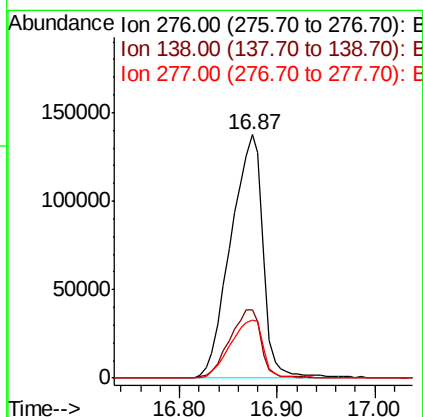
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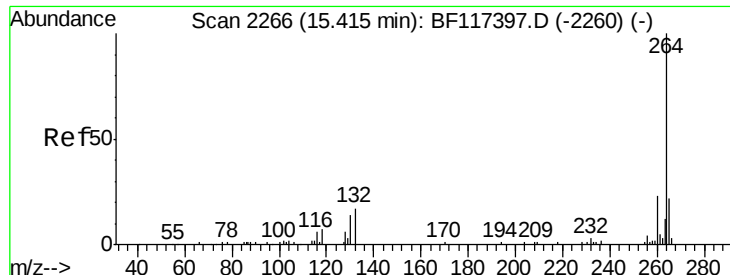
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#86
Indeno(1,2,3-cd)pyrene
Concen: 52.212 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	27.6	21.5	32.3
277	24.7	20.1	30.1





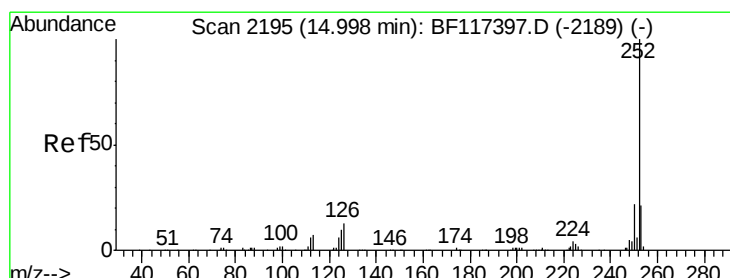
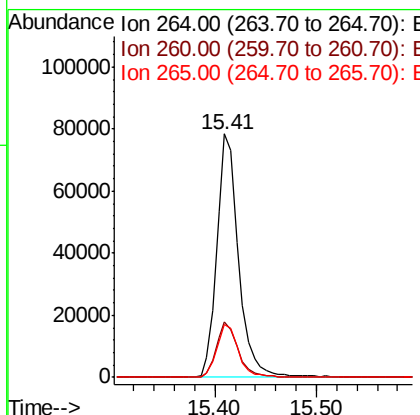
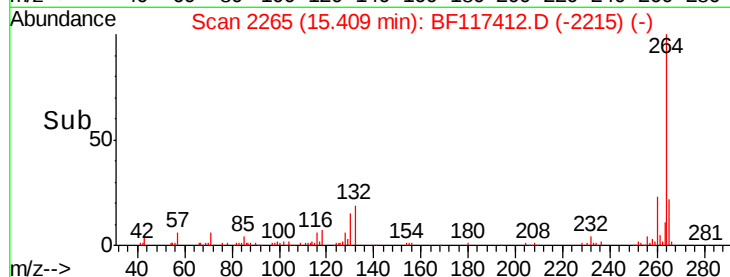
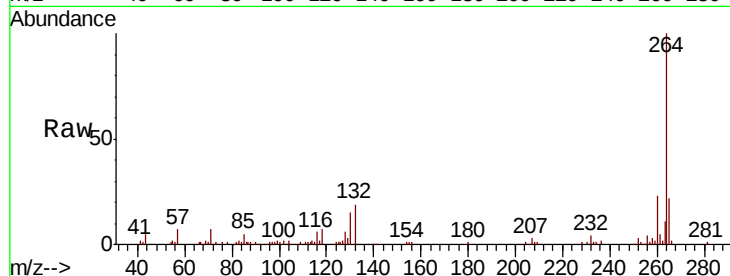
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.8	18.6	27.8	
265	22.0	17.4	26.0	

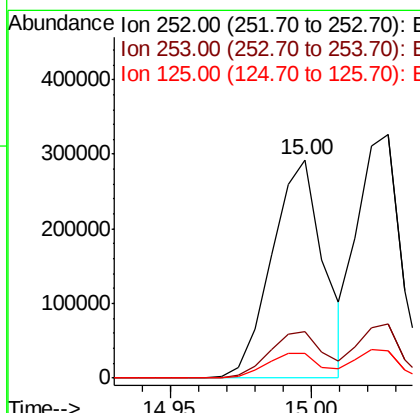
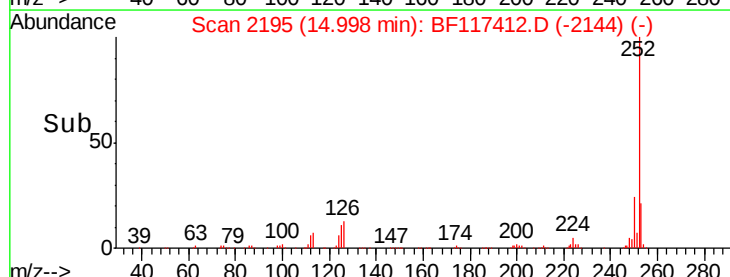
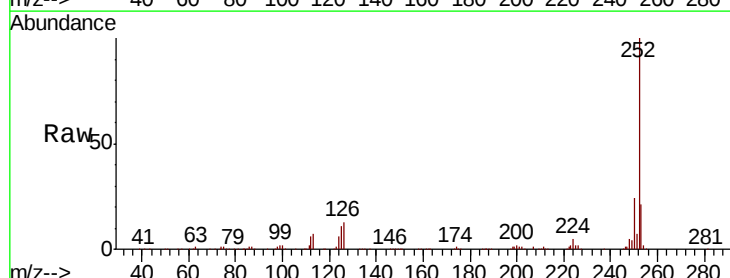
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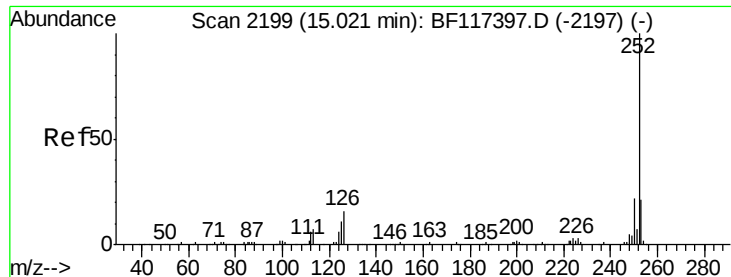
mohammad
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#88
Benzo(b)fluoranthene
Concen: 51.598 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.4	17.2	25.8	
125	11.2	8.2	12.2	





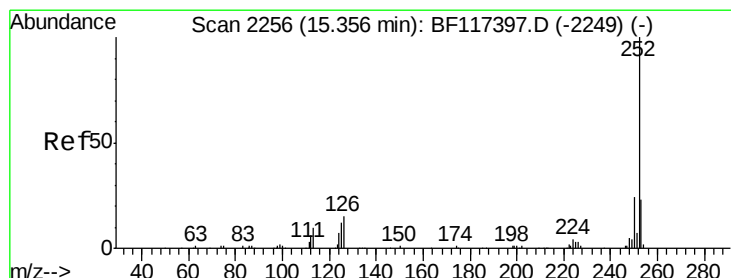
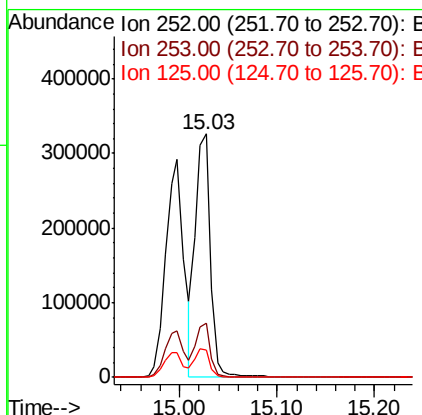
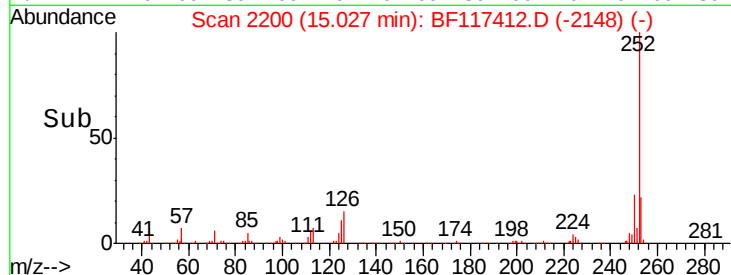
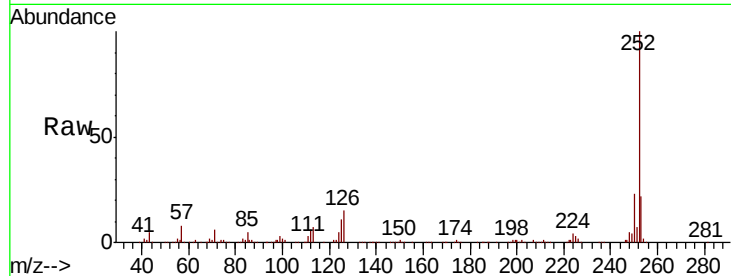
#89
Benzo(k)fluoranthene
Concen: 48.921 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.2	9.4	14.2

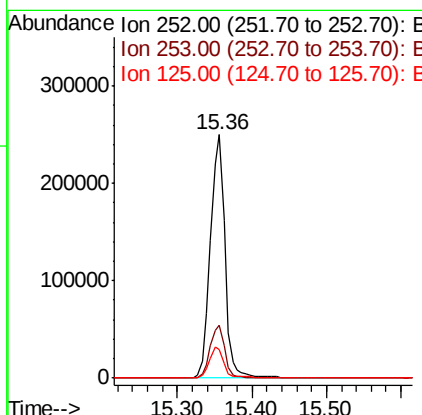
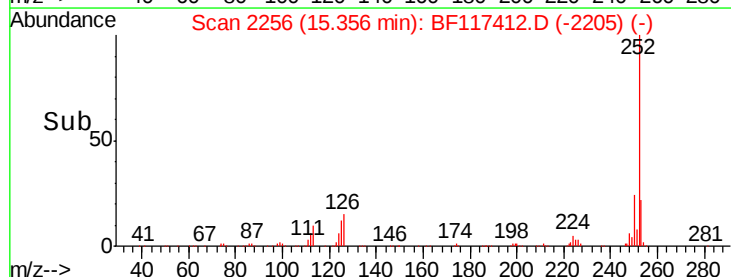
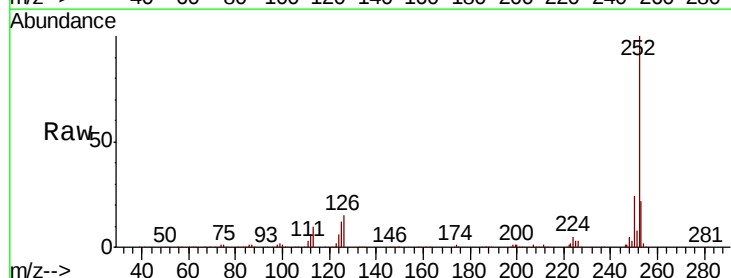
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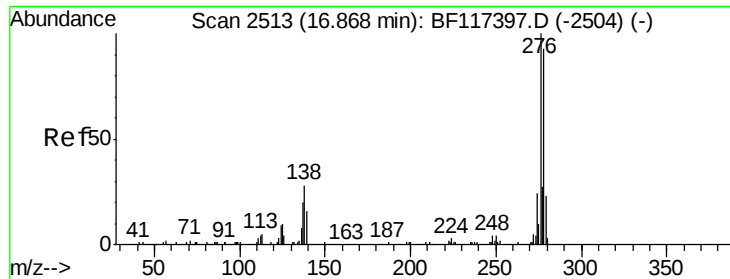
mohammad
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#90
Benzo(a)pyrene
Concen: 52.719 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	11.8	9.4	14.0





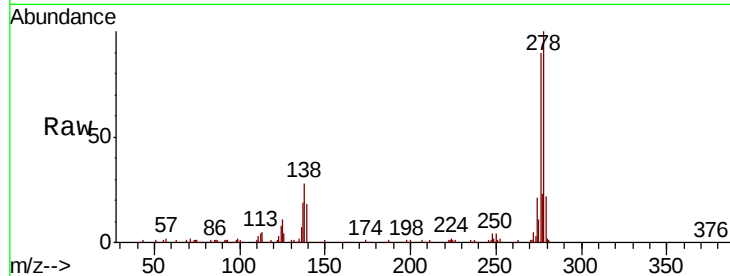
#91
Dibenzo(a,h)anthracene
Concen: 49.372 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.1	21.1
279	21.9	19.8	29.6

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:30 AM

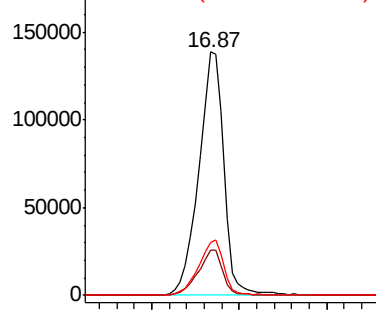


Abundance

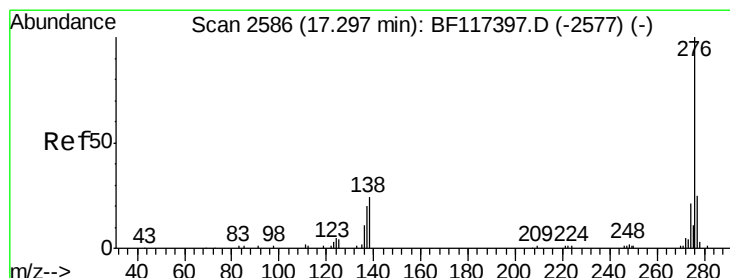
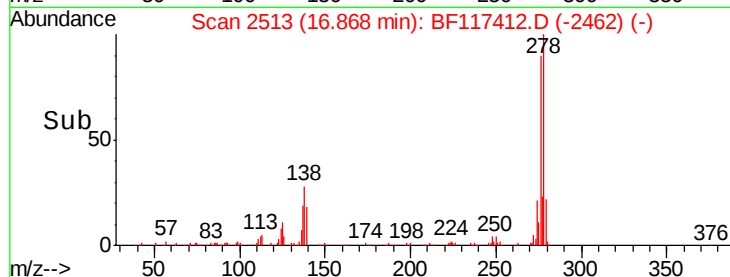
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92
Benzo(g,h,i)perylene
Concen: 48.275 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

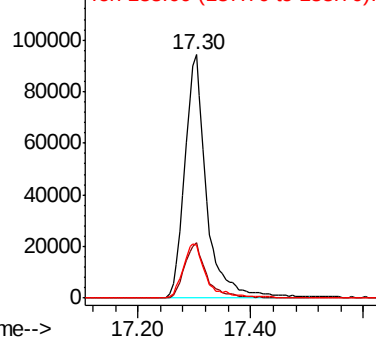
Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.9	29.9
138	21.9	19.3	28.9

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



Time-->

