

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111045.D
 Acq On : 28 Nov 2018 15:06
 Operator : JU/SJ
 Sample : J6065-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Manual Integrations
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 11/29/2018 1:58:19 PM

Quant Time: Nov 28 15:51:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	55558	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	216664	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	104710	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	180688	20.00	ng	0.00
76) Chrysene-d12	14.13	240	103721	20.00	ng	0.00
87) Perylene-d12	15.66	264	105711	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	423612	126.44	ng	0.01
7) Phenol-d6	6.57	99	525304	120.32	ng	0.00
23) Nitrobenzene-d5	7.50	82	320167	84.57	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	123817	119.06	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	543803	75.24	ng	0.00
79) Terphenyl-d14	13.05	244	409972	76.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	42975	26.774	ng	89
3) Pyridine	3.61	79	111630	31.761	ng	# 83
4) n-Nitrosodimethylamine	3.55	42	62384	38.789	ng	88
6) Aniline	6.61	93	97547	18.073	ng	# 59
8) 2-Chlorophenol	6.72	128	144677	36.438	ng	99
9) Benzaldehyde	6.50	77	50176	18.234	ng	93
10) Phenol	6.58	94	198518	40.375	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	132585	35.792	ng	94
12) 1,3-Dichlorobenzene	6.87	146	146098	33.494	ng	97
13) 1,4-Dichlorobenzene	6.95	146	150324	33.513	ng	96
14) 1,2-Dichlorobenzene	7.10	146	141995	33.635	ng	99
15) Benzyl Alcohol	7.08	79	121630	36.251	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	202550	34.359	ng	92
17) 2-Methylphenol	7.19	107	112504	35.638	ng	# 86
18) Hexachloroethane	7.43	117	76573	46.408	ng	95
19) n-Nitroso-di-n-propylamine	7.34	70	100243	35.247	ng	94
20) 3+4-Methylphenols	7.35	107	147795	35.219	ng	# 46
22) Acetophenone	7.35	105	200890	39.556	ng	# 93
24) Nitrobenzene	7.52	77	153662	39.031	ng	98
25) Isophorone	7.76	82	269177	43.345	ng	96
26) 2-Nitrophenol	7.84	139	77645	40.595	ng	98
27) 2,4-Dimethylphenol	7.87	122	130317	45.116	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	165236	39.717	ng	99
29) 2,4-Dichlorophenol	8.08	162	124314	41.128	ng	96
30) 1,2,4-Trichlorobenzene	8.16	180	123399	36.429	ng	96
31) Naphthalene	8.24	128	416426	41.002	ng	100
33) 4-Chloroaniline	8.30	127	37443	8.662	ng	98
34) Hexachlorobutadiene	8.34	225	68151	35.324	ng	97
35) Caprolactam	8.67	113	38755	37.556	ng	# 63
36) 4-Chloro-3-methylphenol	8.78	107	128322	38.209	ng	96
37) 2-Methylnaphthalene	8.93	142	277966	41.436	ng	99
38) 1-Methylnaphthalene	9.03	142	267142m	40.941	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	117703	35.733	ng	99
41) Hexachlorocyclopentadiene	9.07	237	17834	47.520	ng	99

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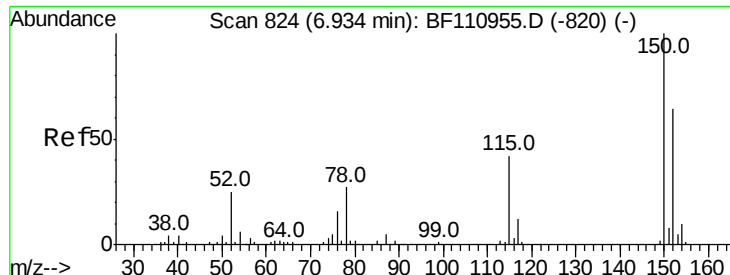
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Quant Time: Nov 28 15:51:24 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	75602	38.430	nq	92
44) 2,4,5-Trichlorophenol	9.26	196	78381	37.839	nq	90
46) 1,1'-Biphenyl	9.39	154	334828	34.684	nq	99
47) 2-Chloronaphthalene	9.42	162	249503	35.646	nq	98
48) 2-Nitroaniline	9.53	65	84520	38.605	nq	95
49) Acenaphthylene	9.84	152	384386	38.620	nq	99
50) Dimethylphthalate	9.69	163	336311	43.794	nq	99
51) 2,6-Dinitrotoluene	9.77	165	64000	37.435	nq	94
52) Acenaphthene	10.01	154	232639	36.460	nq	98
53) 3-Nitroaniline	9.95	138	42475	21.317	nq	95
54) 2,4-Dinitrophenol	10.09	184	4864	11.396	nq	93
55) Dibenzofuran	10.18	168	336942	36.197	nq	100
56) 4-Nitrophenol	10.12	139	66363	60.976	nq	90
57) 2,4-Dinitrotoluene	10.18	165	83941	37.844	nq	# 79
58) Fluorene	10.53	166	275393	38.026	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	65869	38.746	nq	93
60) Diethylphthalate	10.39	149	291355	36.791	nq	99
61) 4-Chlorophenyl-phenylether	10.51	204	131248	34.648	nq	99
62) 4-Nitroaniline	10.57	138	63661	34.314	nq	92
63) Azobenzene	10.67	77	266712	34.553	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	22613	26.457	nq	79
66) n-Nitrosodiphenylamine	10.63	169	237647	39.509	nq	95
67) 4-Bromophenyl-phenylether	11.00	248	74760	37.991	nq	93
68) Hexachlorobenzene	11.08	284	77997	37.212	nq	96
69) Atrazine	11.16	200	74319	49.301	nq	99
70) Pentachlorophenol	11.28	266	56350	67.574	nq	100
71) Phenanthrene	11.50	178	376836	39.378	nq	99
72) Anthracene	11.55	178	386162	39.623	nq	98
73) Carbazole	11.71	167	331395	35.033	nq	100
74) Di-n-butylphthalate	12.01	149	412623	37.308	nq	99
75) Fluoranthene	12.69	202	333808	33.938	nq	99
77) Benzidine	12.82	184	87582	33.013	nq	95
78) Pyrene	12.93	202	329421	43.485	nq	98
80) Butylbenzylphthalate	13.52	149	132184	38.648	nq	99
81) Benzo(a)anthracene	14.12	228	246355	40.231	nq	99
82) 3,3'-Dichlorobenzidine	14.07	252	55190	26.285	nq	98
83) Chrysene	14.16	228	238241	39.522	nq	97
84) Bis(2-ethylhexyl)phthalate	14.06	149	173995	38.179	nq	97
85) Di-n-octyl phthalate	14.68	149	295584	41.088	nq	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	271090	62.651	nq	99
88) Benzo(b)fluoranthene	15.20	252	244846	39.427	nq	99
89) Benzo(k)fluoranthene	15.23	252	221567	34.663	nq	98
90) Benzo(a)pyrene	15.60	252	236338	40.885	nq	98
91) Dibenzo(a,h)anthracene	17.26	278	226718	47.536	nq	98
92) Benzo(g,h,i)perylene	17.74	276	218206	47.450	nq	99

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



#1

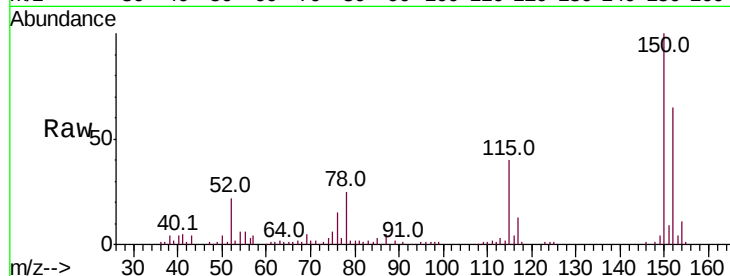
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.7	184.1
115	61.4	49.1	73.7

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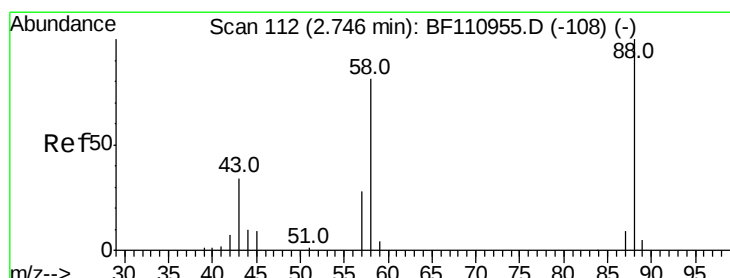
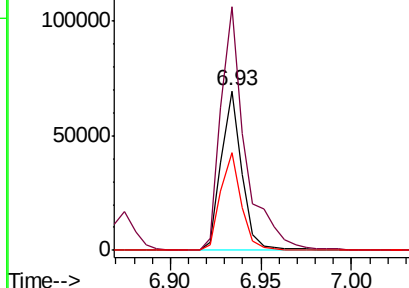
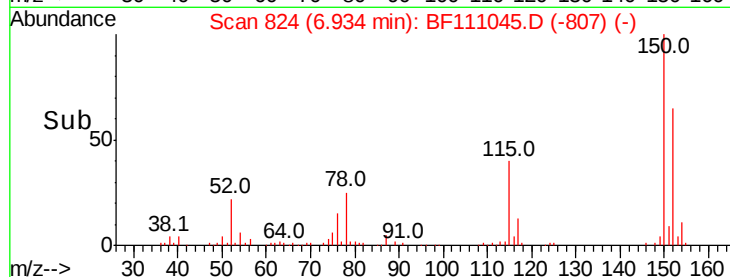


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

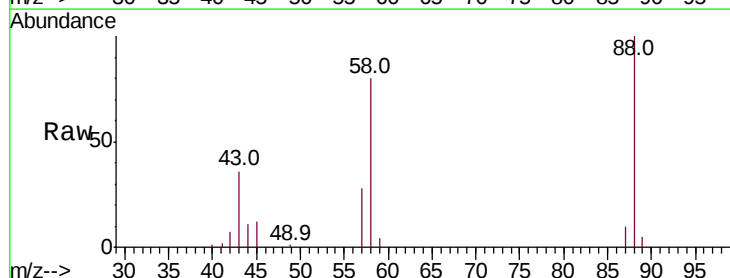
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.774 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.05 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.6	57.1	85.7
43	32.0	24.1	36.1

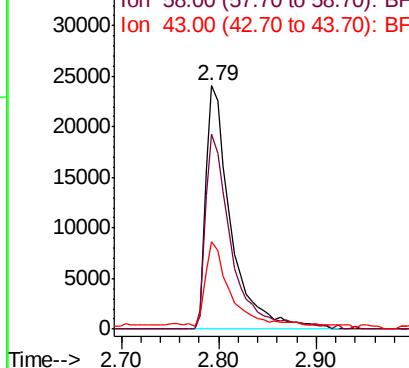
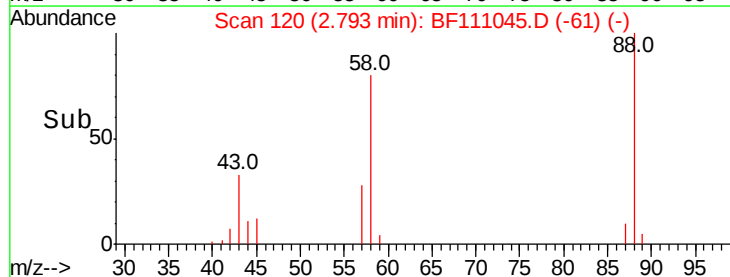


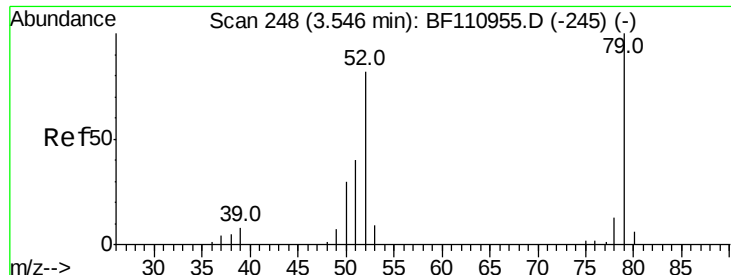
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.761 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.07 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

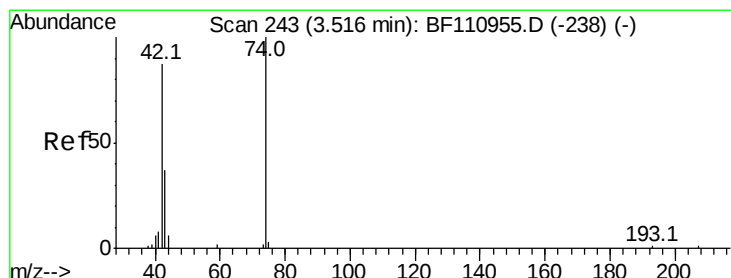
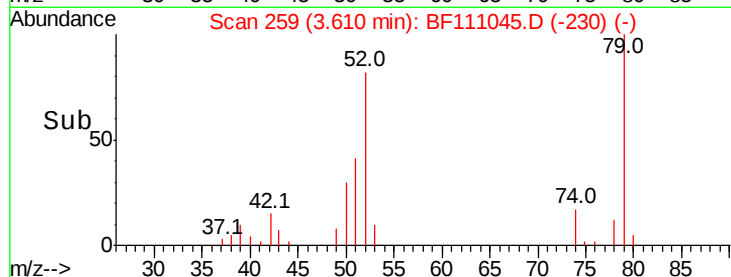
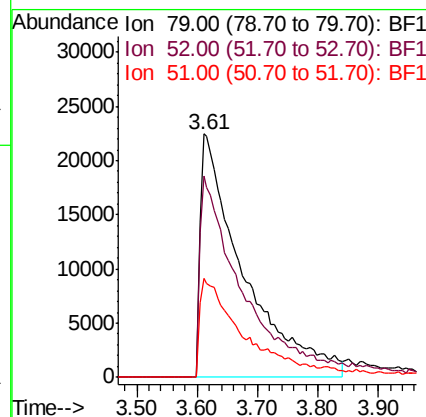
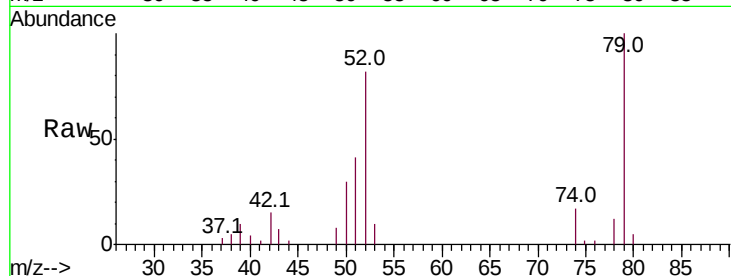
ClientSampleId :

USTS-1-2-3MSD

Tot Ion:	79	Resp:	111630
Ion Ratio	Lower	Upper	
79	100		
52	82.5	53.1	79.7#
51	40.7	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 38.789 ng

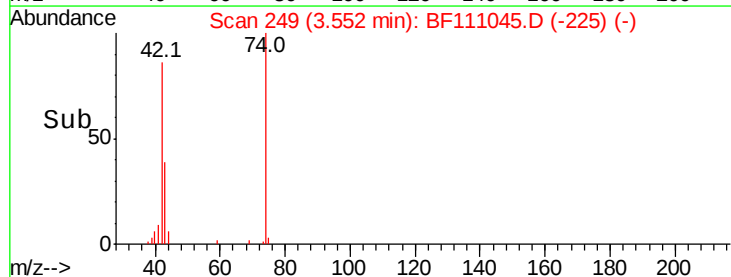
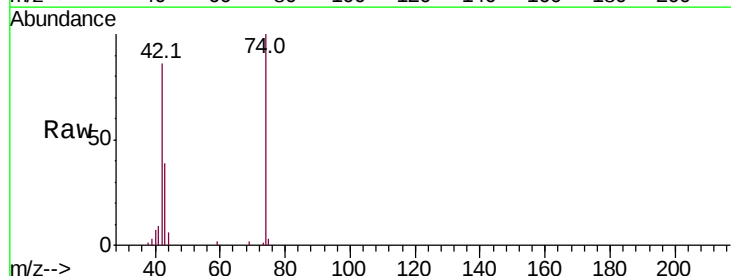
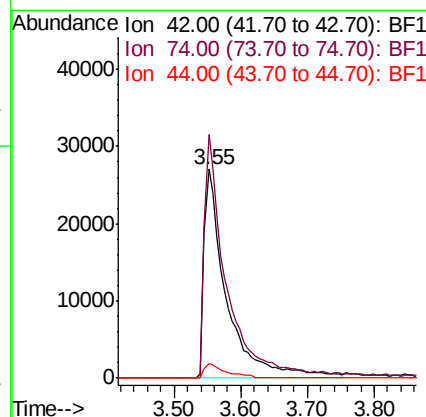
RT: 3.55 min Scan# 249

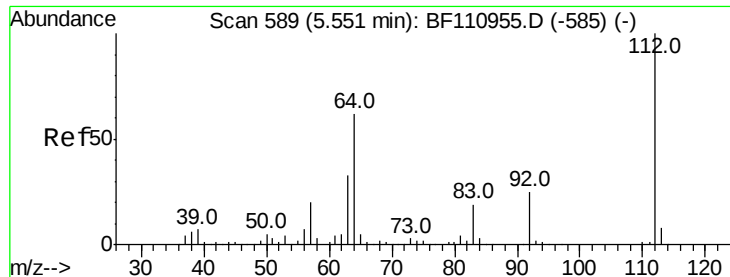
Delta R.T. 0.04 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Tgt Ion:	42	Resp:	62384
Ion Ratio	Lower	Upper	
42	100		
74	116.8	105.5	158.3
44	7.2	4.9	7.3





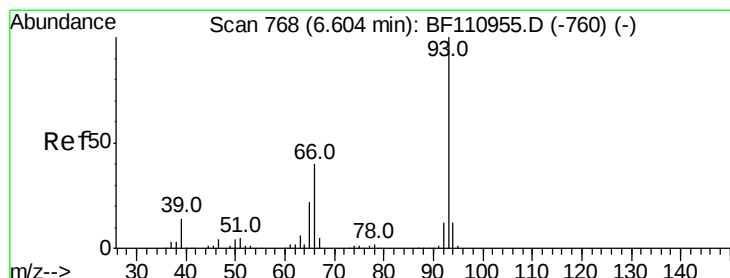
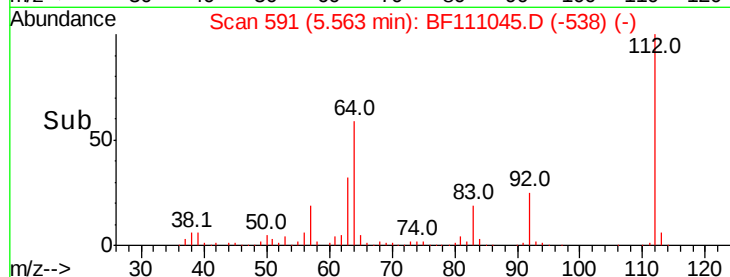
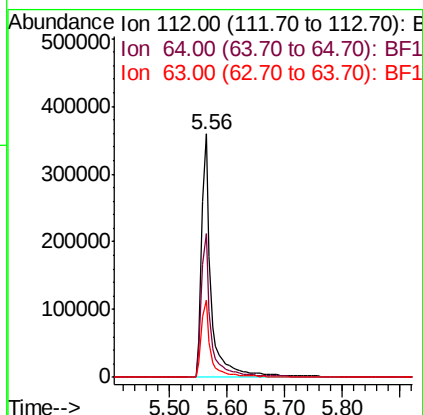
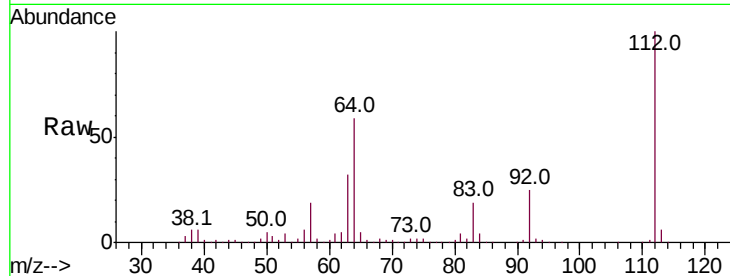
#5
2-Fluorophenol
Concen: 126.441 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion:	112	Resp:	423612
Ion Ratio	Lower	Upper	
112	100		
64	59.1	44.1	66.1
63	31.8	23.7	35.5

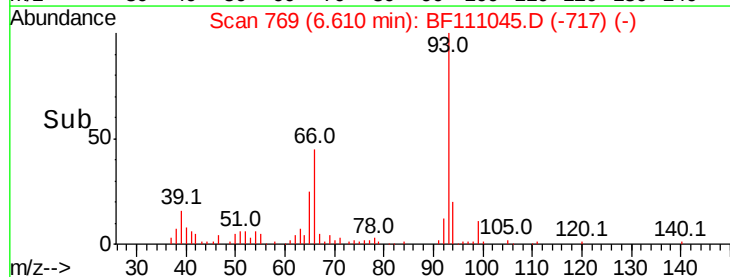
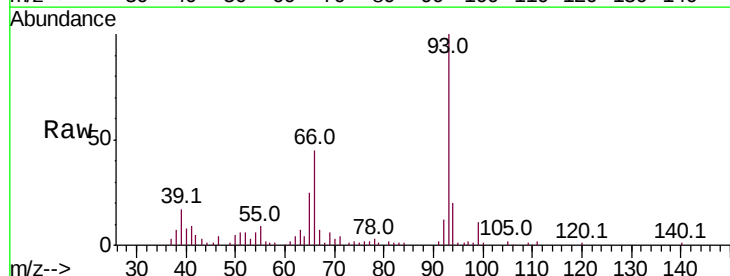
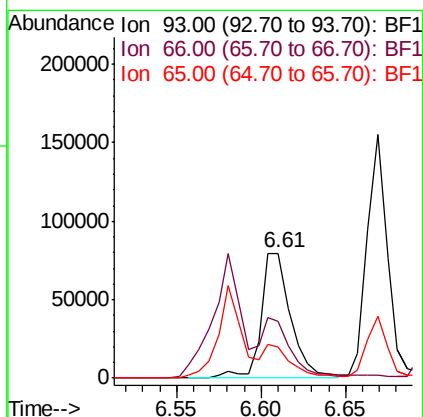
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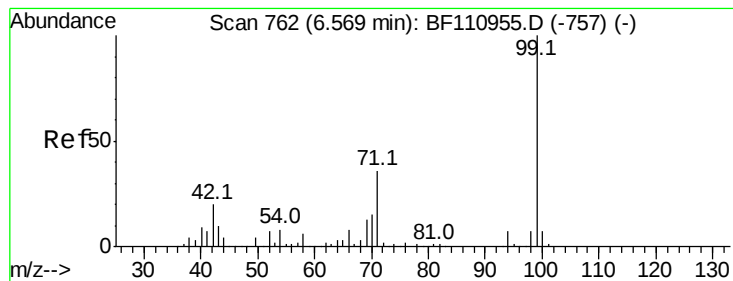
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#6
Aniline
Concen: 18.073 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:	93	Resp:	97547
Ion Ratio	Lower	Upper	
93	100		
66	45.4	67.4	101.0#
65	25.0	41.0	61.4#





#7

Phenol-d6

Concen: 120.318 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

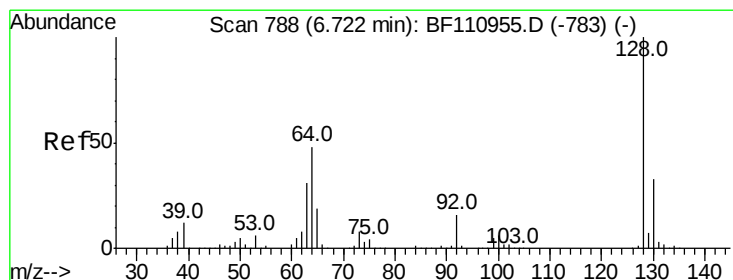
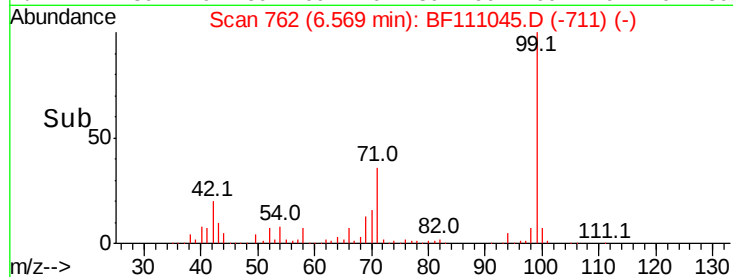
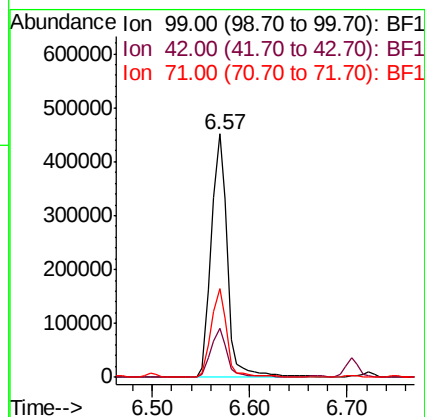
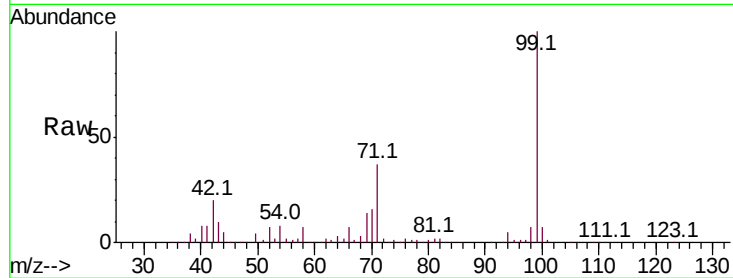
ClientSampleId :

USTS-1-2-3MSD

Tot Ion:	99	Resp:	525304
Ion Ratio	Lower	Upper	
99	100		
42	20.3	15.8	23.6
71	36.6	28.0	42.0

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#8

2-Chlorophenol

Concen: 36.438 ng

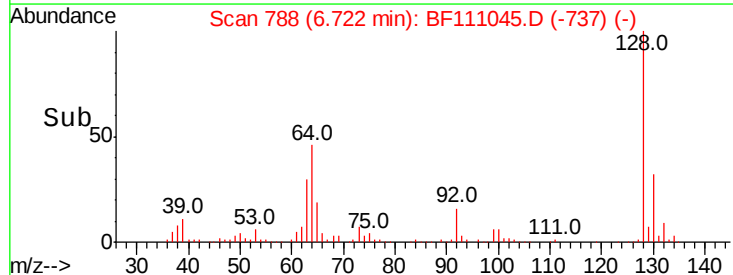
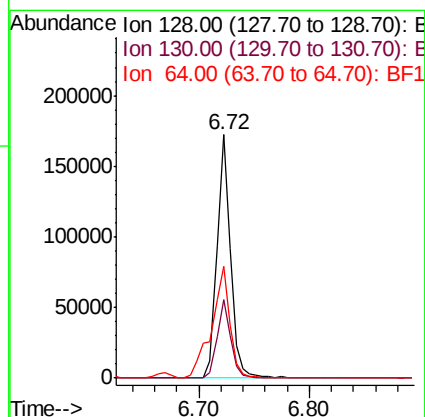
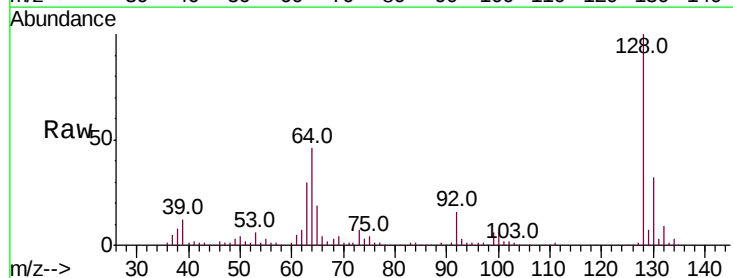
RT: 6.72 min Scan# 788

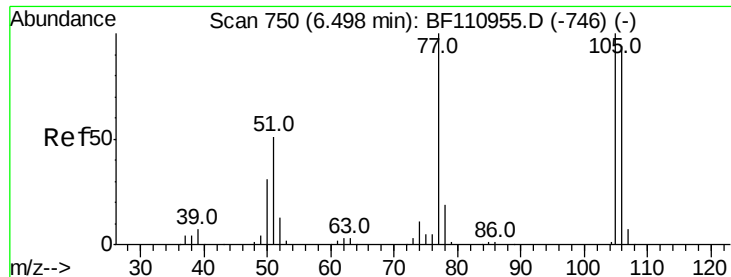
Delta R.T. 0.00 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Tgt Ion:	128	Resp:	144677
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.1	53.1
64	45.9	26.0	66.0





#9

Benzaldehyde

Concen: 18.234 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

ClientSampleId :

USTS-1-2-3MSD

Tot Ion: 77 Resp: 50176

Ion Ratio Lower Upper

77 100

105 106.4 78.6 118.6

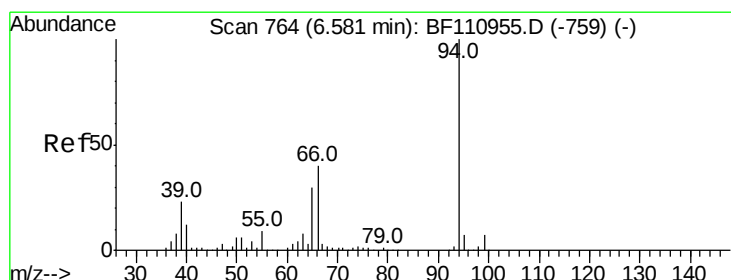
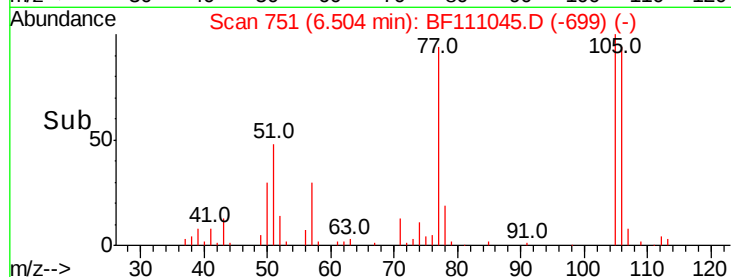
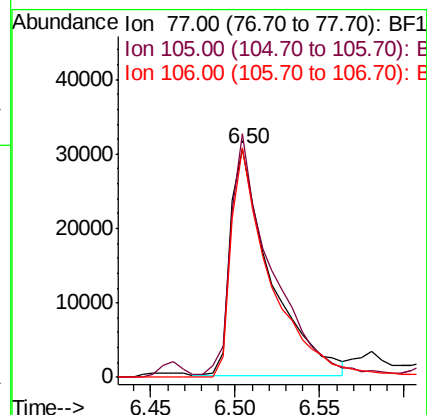
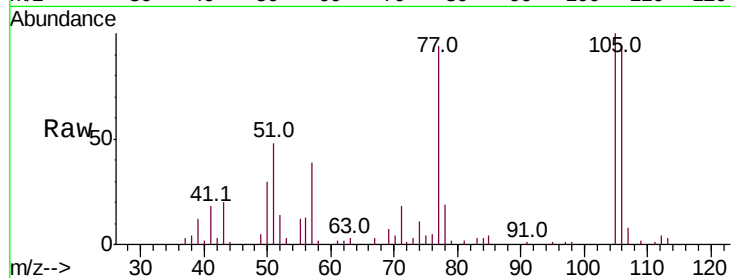
106 100.1 74.8 114.8

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#10

Phenol

Concen: 40.375 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

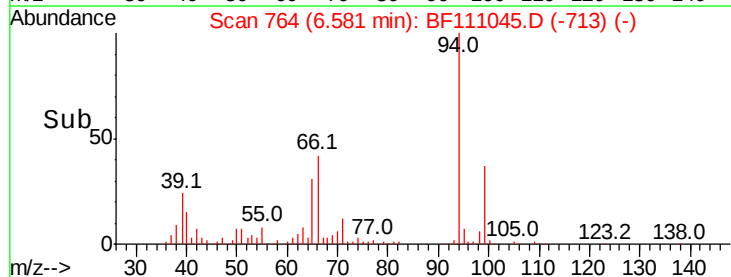
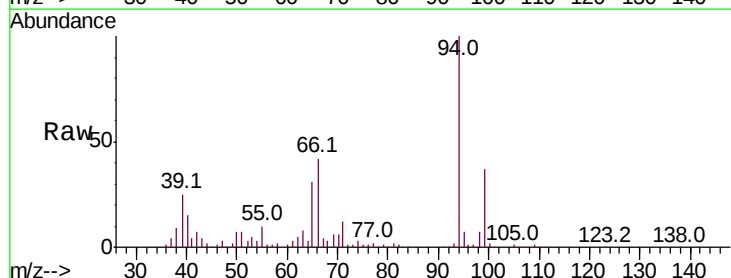
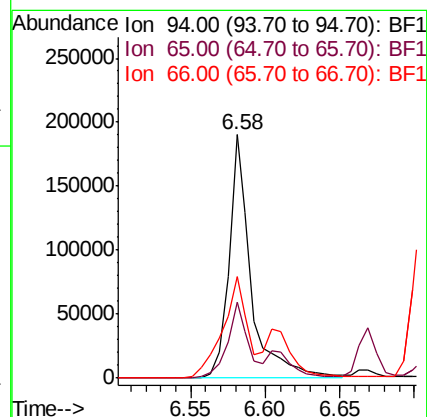
Tgt Ion: 94 Resp: 198518

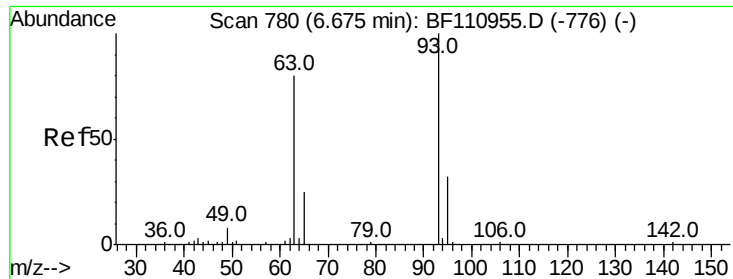
Ion Ratio Lower Upper

94 100

65 31.0 25.3 65.3

66 41.9 54.5 94.5#





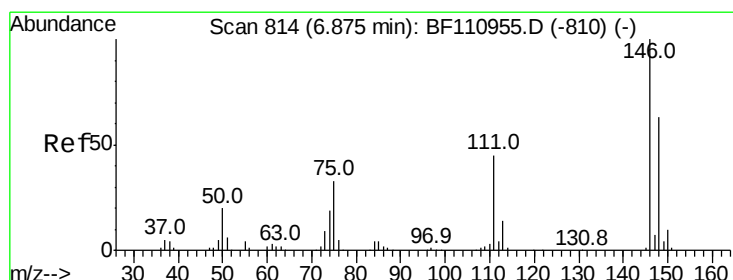
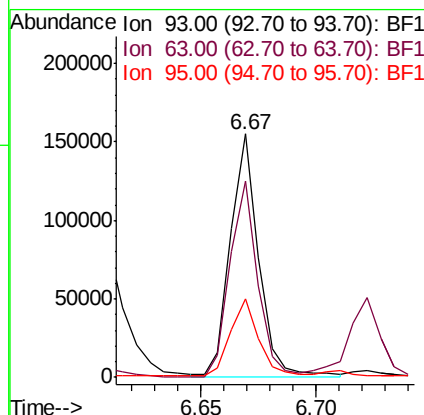
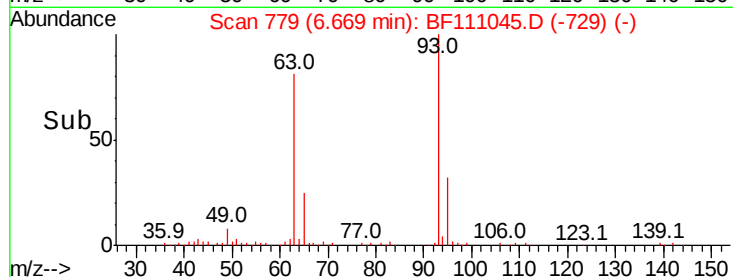
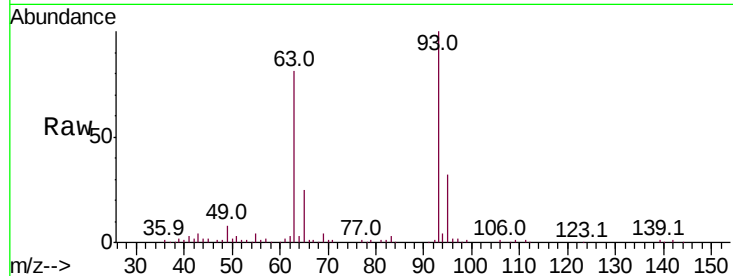
#11
bis(2-Chloroethyl)ether
Concen: 35.792 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	53.4	93.4
95	32.3	12.1	52.1

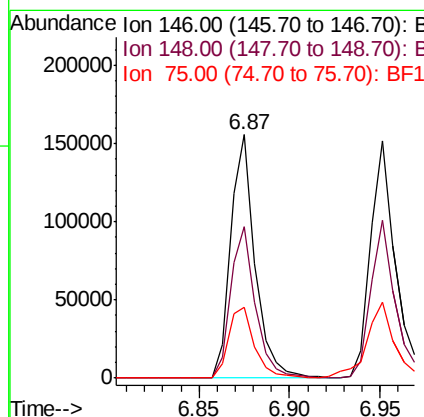
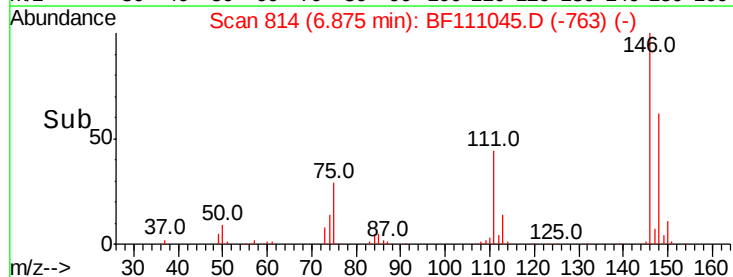
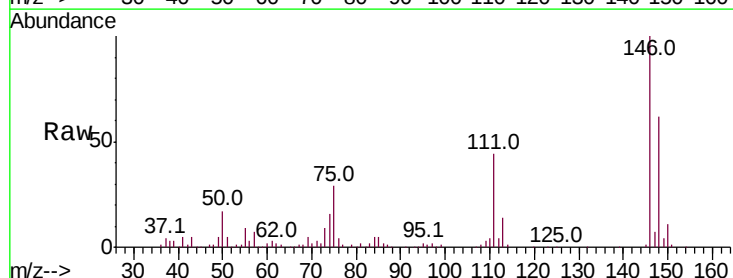
Manual Integrations
APPROVED

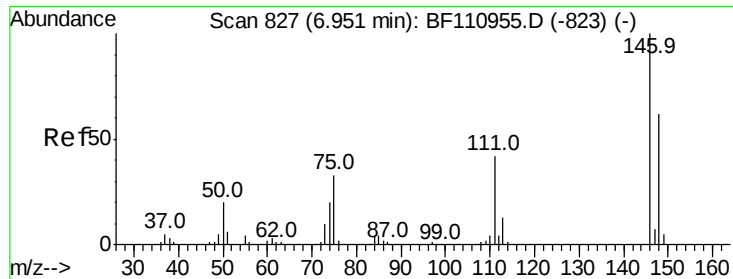
mohammad
11/29/2018 1:58:19 PM



#12
1,3-Dichlorobenzene
Concen: 33.494 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.4	75.6
75	29.3	25.8	38.6





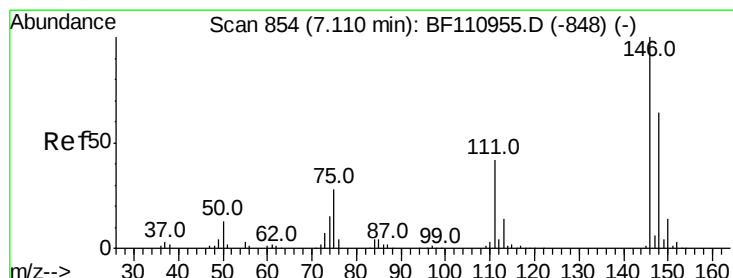
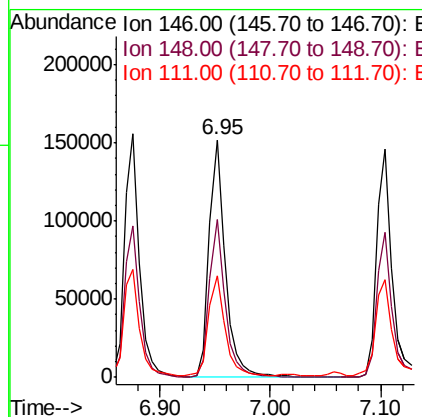
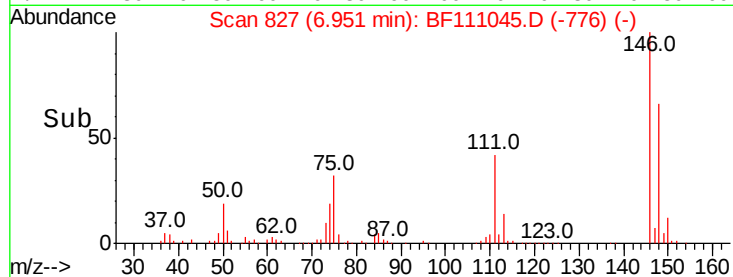
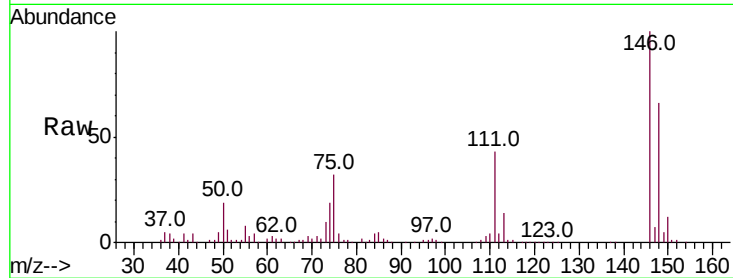
#13
1,4-Dichlorobenzene
Concen: 33.513 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.3	75.5
111	42.9	32.7	49.1

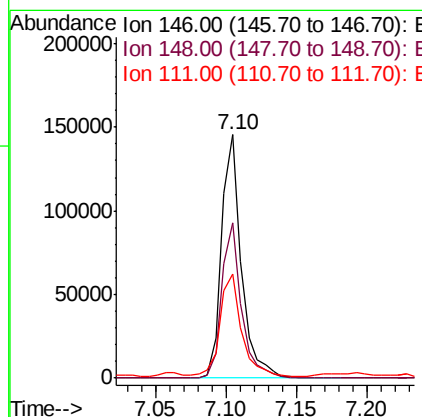
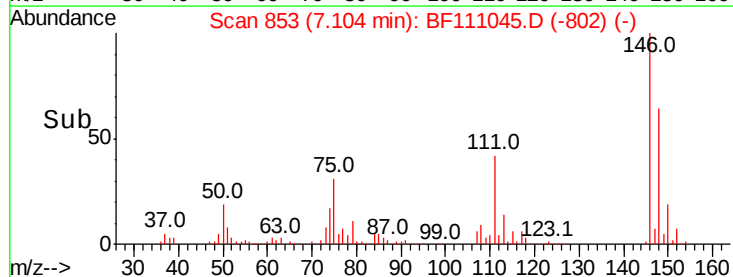
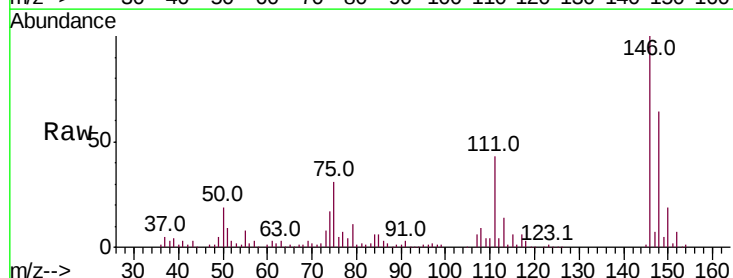
Manual Integrations
APPROVED

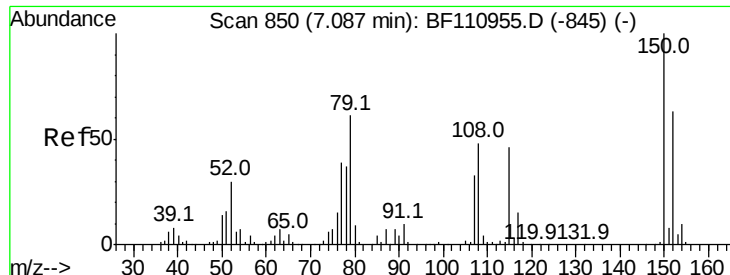
mohammad
11/29/2018 1:58:19 PM



#14
1,2-Dichlorobenzene
Concen: 33.635 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	43.0	35.8	53.6





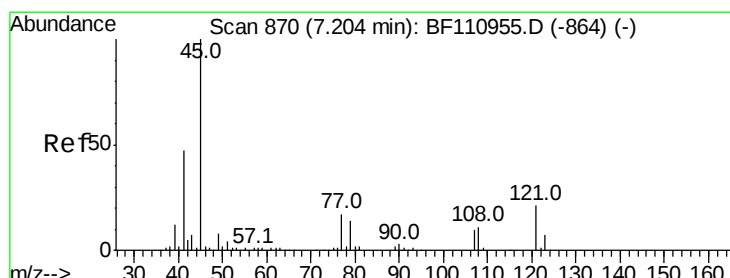
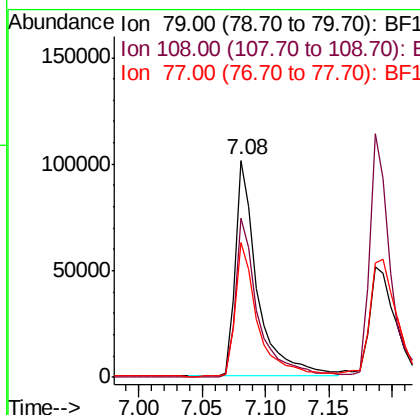
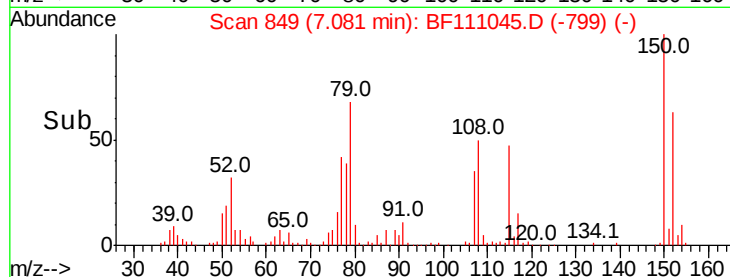
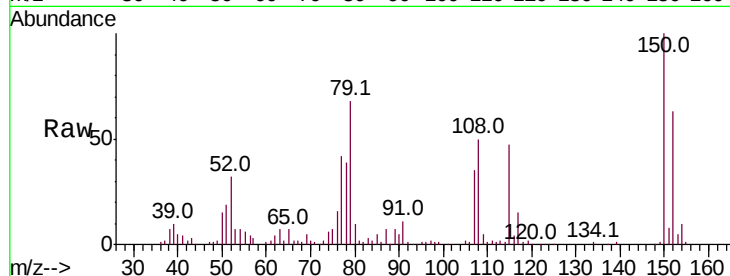
#15
Benzyl Alcohol
Concen: 36.251 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.3	56.3	84.5
77	62.3	52.9	79.3

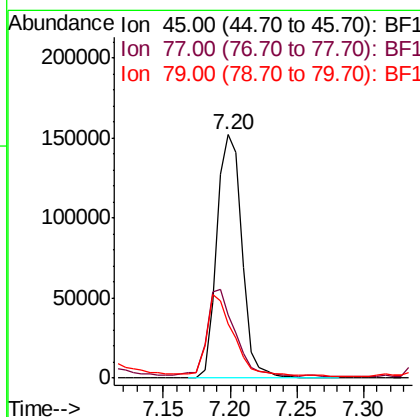
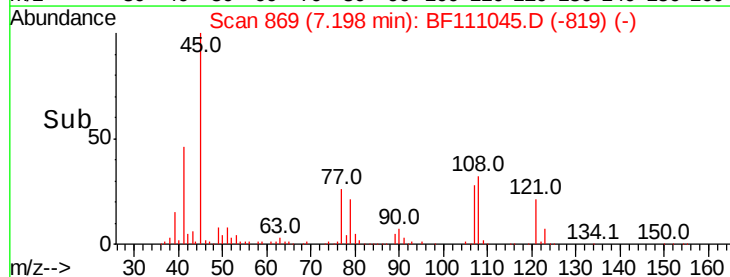
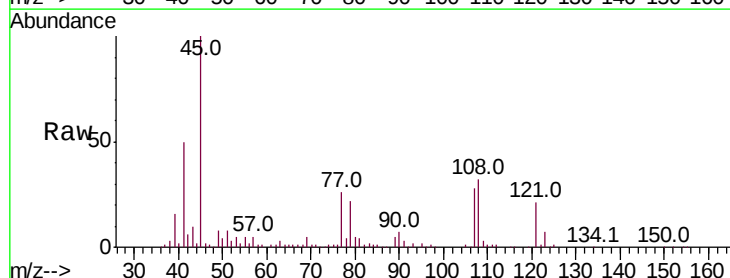
Manual Integrations
APPROVED

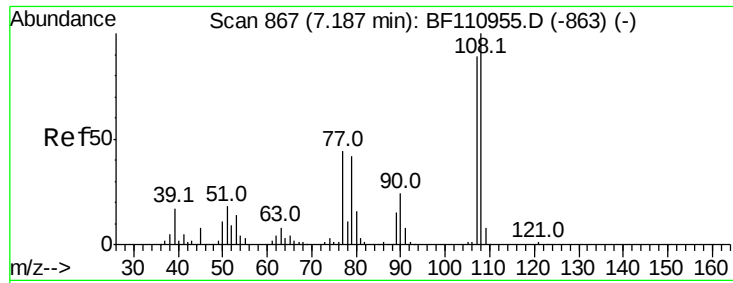
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.359 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.1	10.0	50.0
79	22.0	6.1	46.1





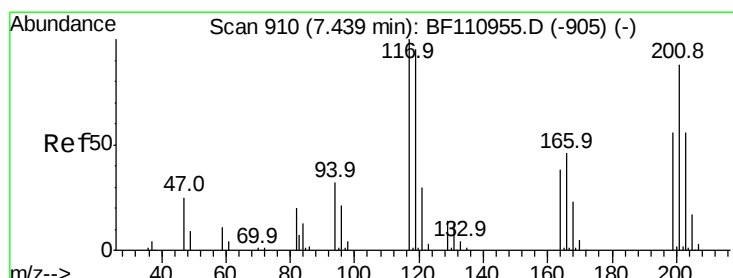
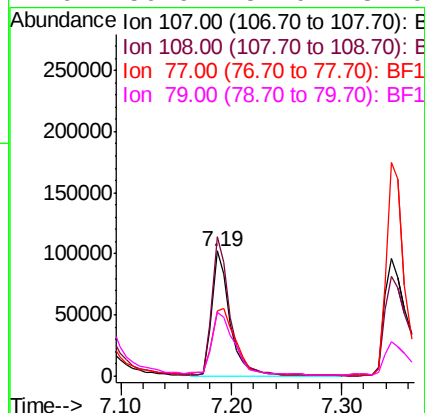
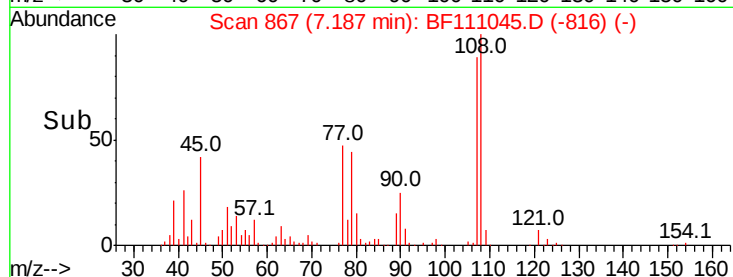
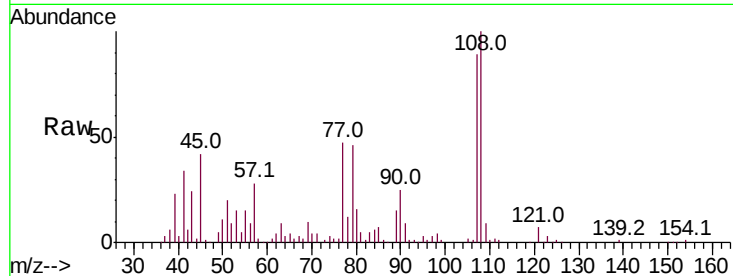
#17
2-Methylphenol
Concen: 35.638 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	92.6	138.8
77	52.7	59.4	89.2#
79	50.9	54.0	81.0#

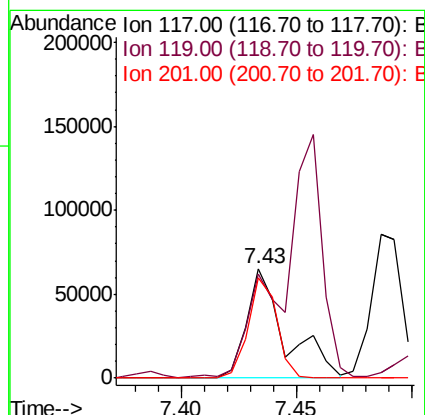
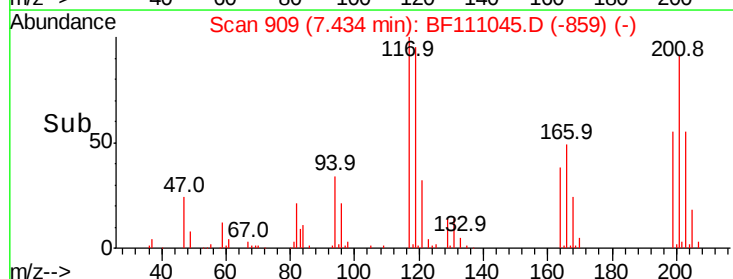
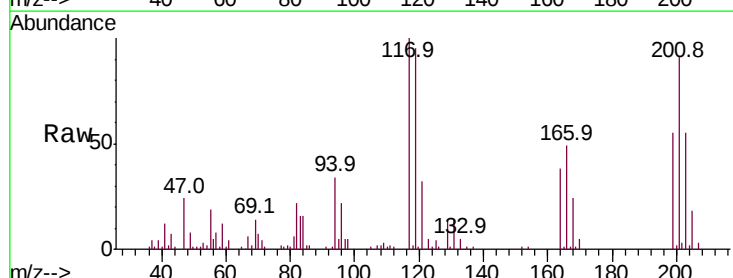
Manual Integrations
APPROVED

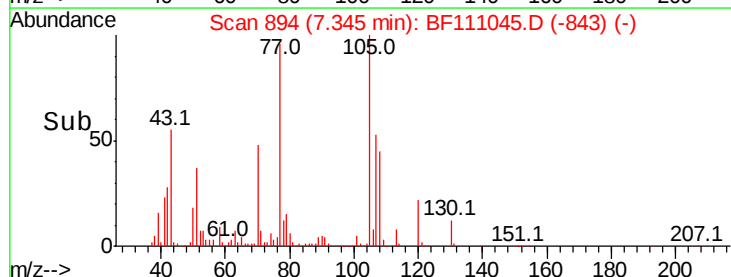
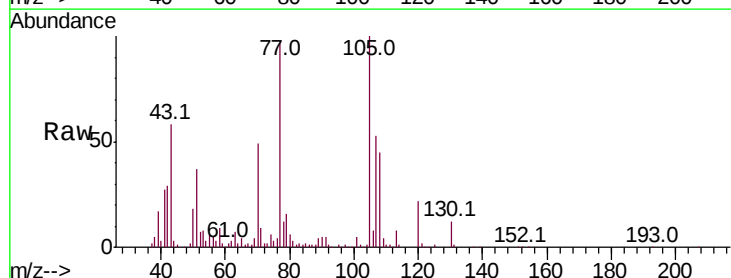
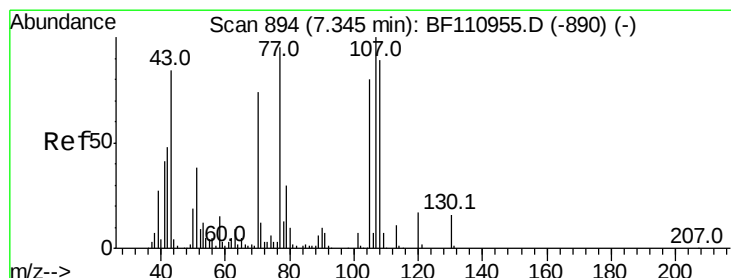
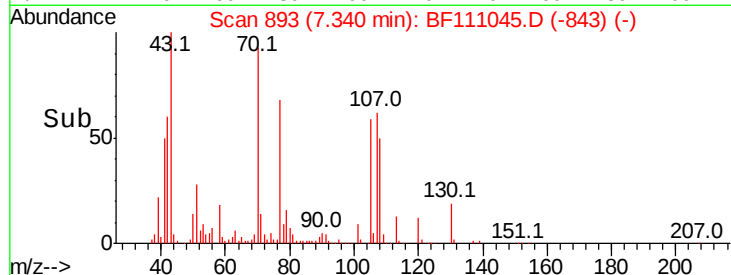
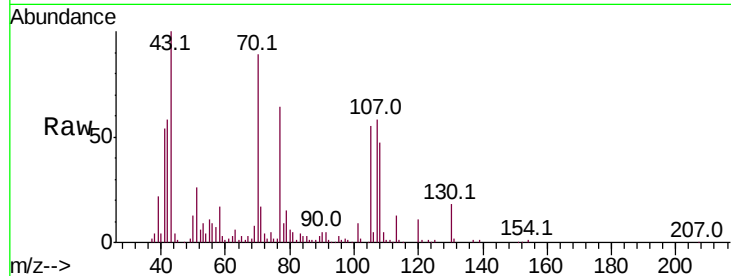
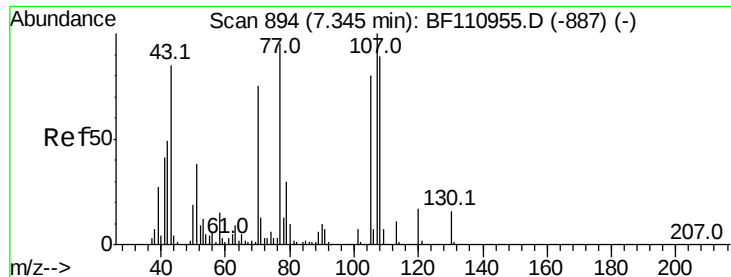
mohammad
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#18
Hexachloroethane
Concen: 46.408 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.0	112.6
201	91.1	79.2	118.8





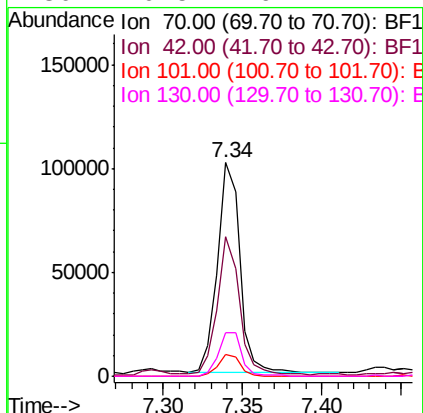
#19
n-Nitroso-di-n-propylamine
Concen: 35.247 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.1	47.4	71.2
101	9.9	7.3	10.9
130	20.5	16.2	24.2

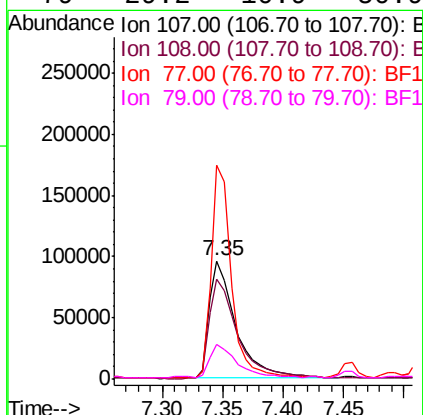
Manual Integrations
APPROVED

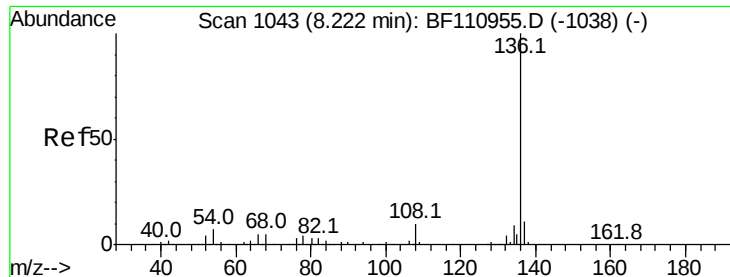
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#20
3+4-Methylphenols
Concen: 35.219 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.9	71.4	111.4
77	180.7	47.3	87.3#
79	29.2	10.9	50.9





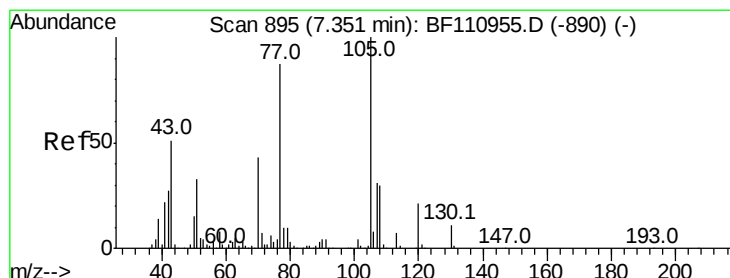
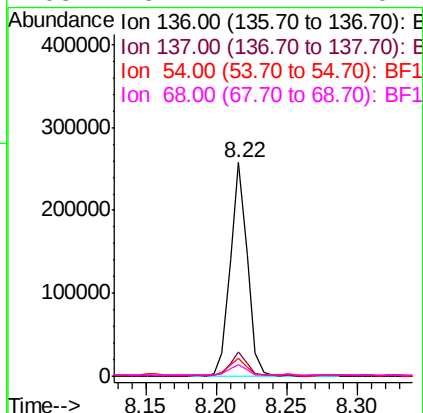
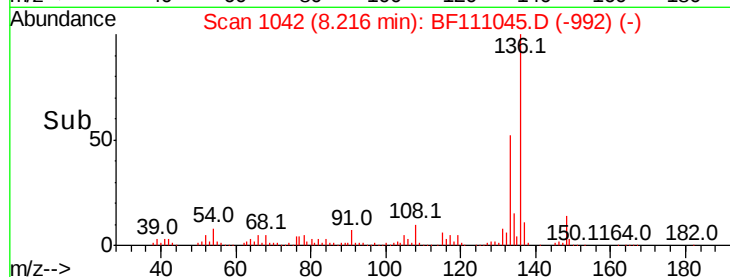
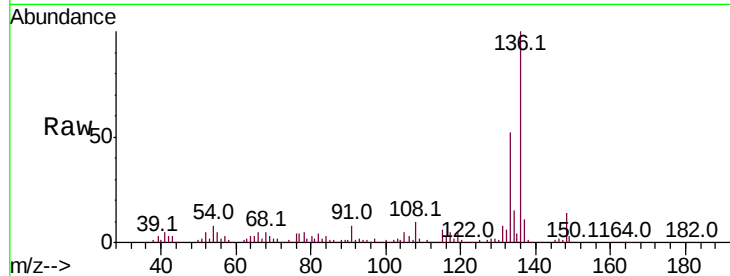
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	8.1	5.4	8.2	
68	5.2	4.2	6.2	

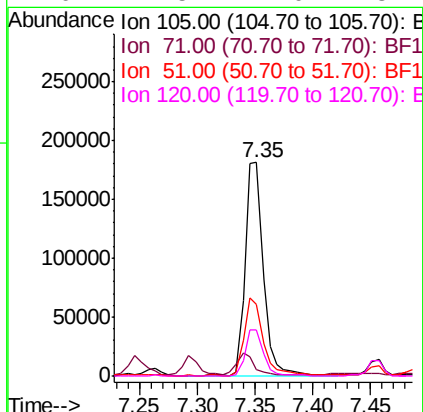
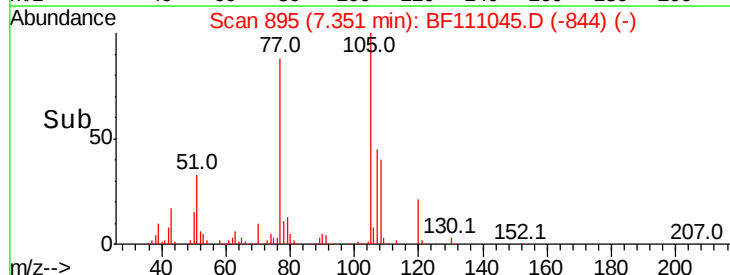
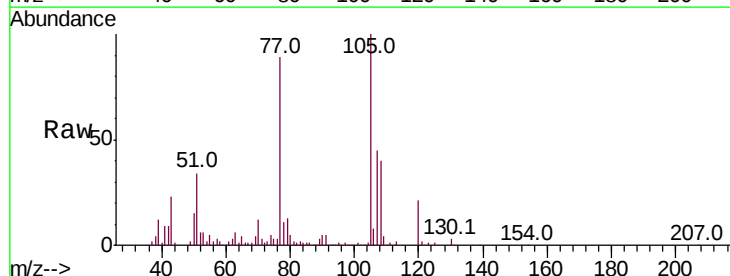
Manual Integrations
APPROVED

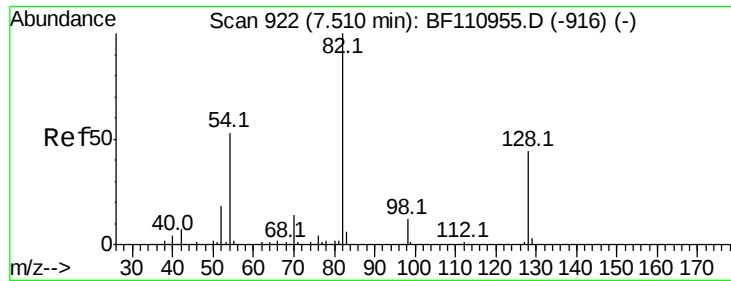
mohammad
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#22
Acetophenone
Concen: 39.556 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.0	5.2	7.8#	
51	33.6	21.8	32.8#	
120	21.5	17.0	25.4	





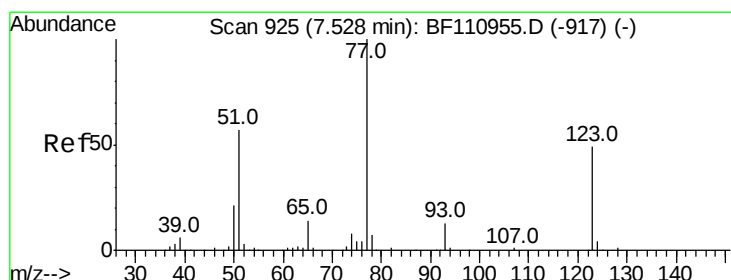
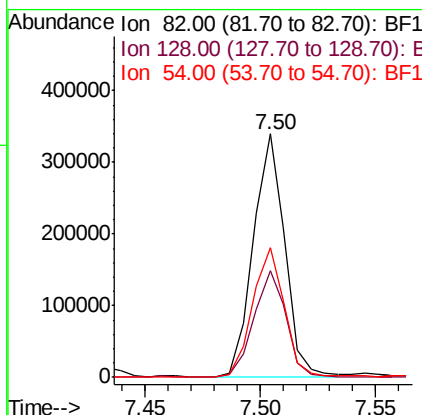
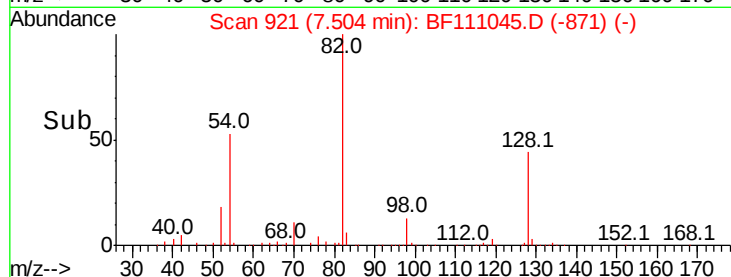
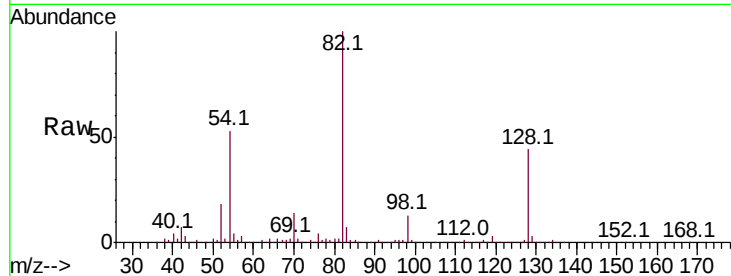
#23
Nitrobenzene-d5
Concen: 84.571 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.2	51.2
54	53.2	38.6	58.0

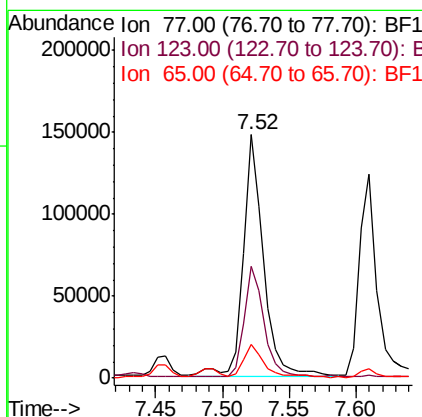
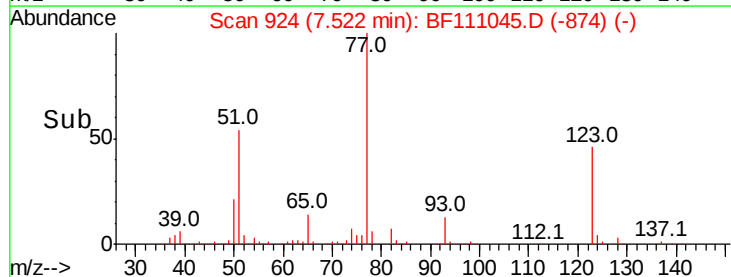
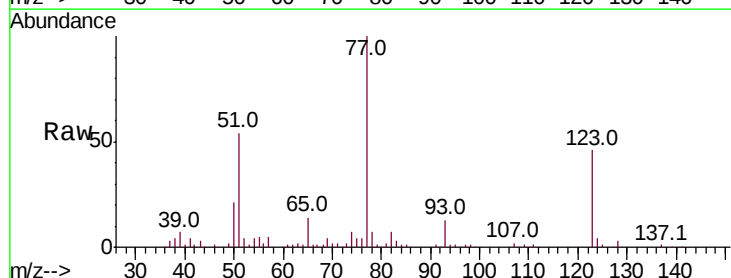
Manual Integrations
APPROVED

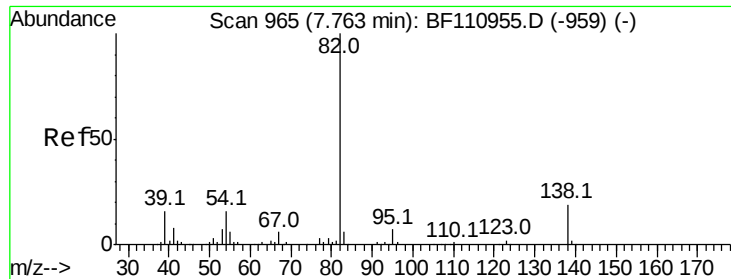
mohammad
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#24
Nitrobenzene
Concen: 39.031 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.7	53.5
65	14.0	10.7	16.1





#25

Isophorone

Concen: 43.345 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

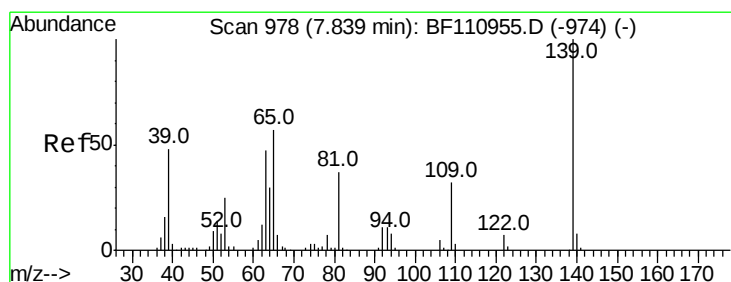
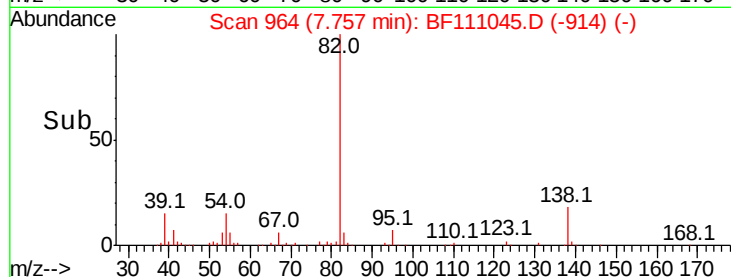
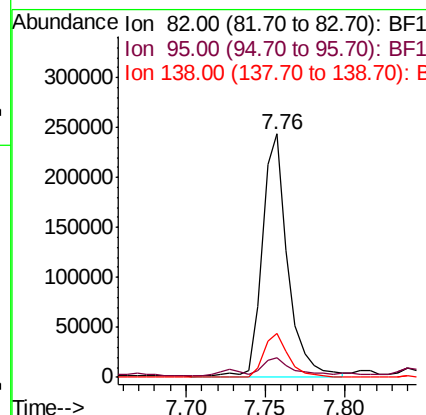
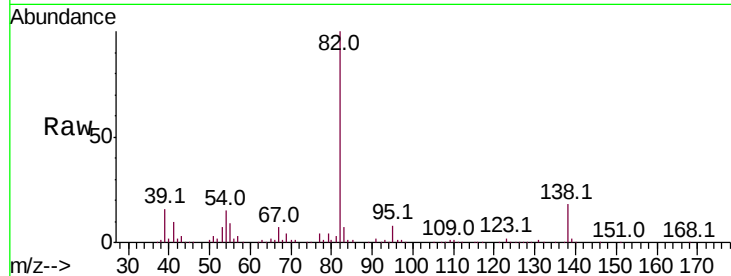
ClientSampleId :

USTS-1-2-3MSD

Tot Ion:	82	Resp:	269177
Ion Ratio	Lower	Upper	
82	100		
95	8.3	5.7	8.5
138	18.2	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.595 ng

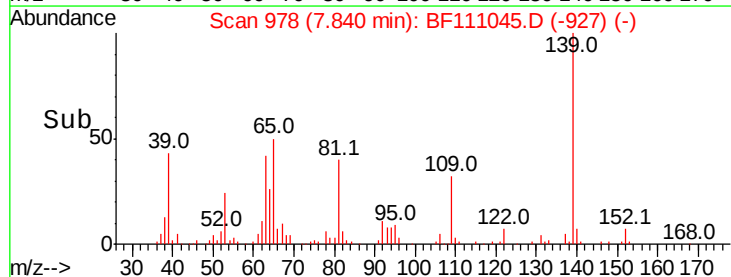
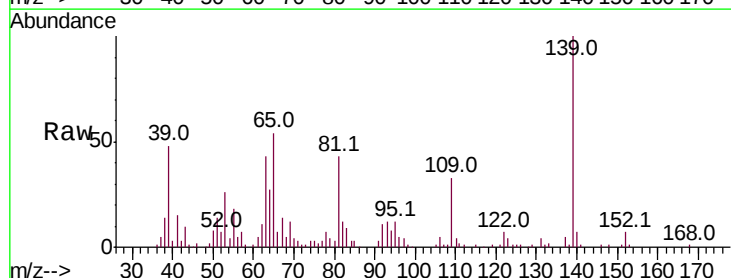
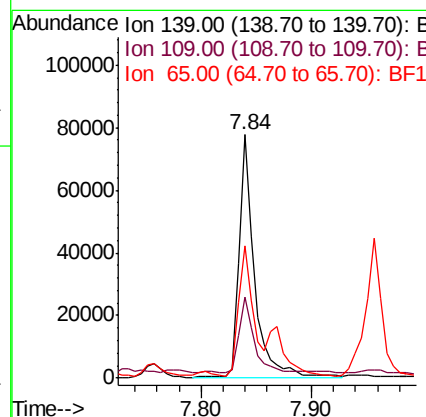
RT: 7.84 min Scan# 978

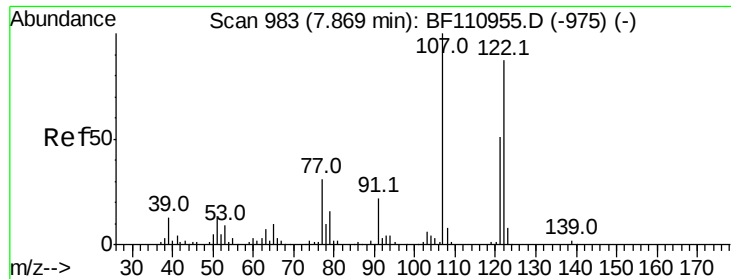
Delta R.T. 0.00 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Tgt Ion:	139	Resp:	77645
Ion Ratio	Lower	Upper	
139	100		
109	33.3	25.0	37.6
65	54.3	44.0	66.0





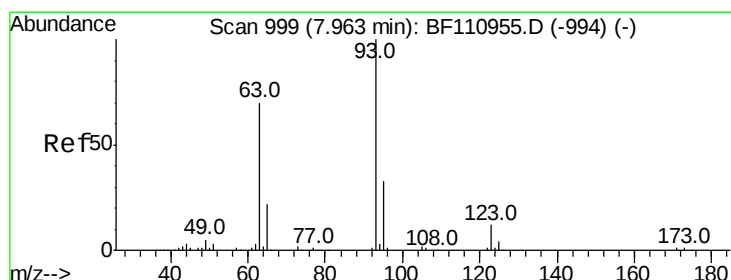
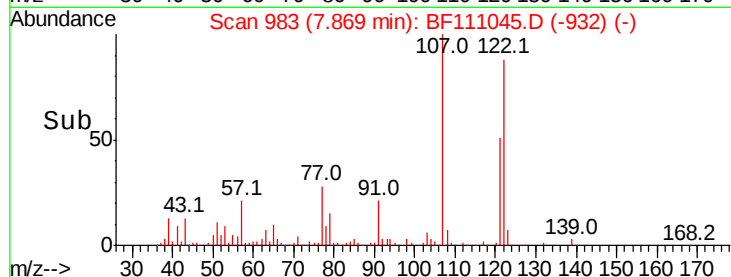
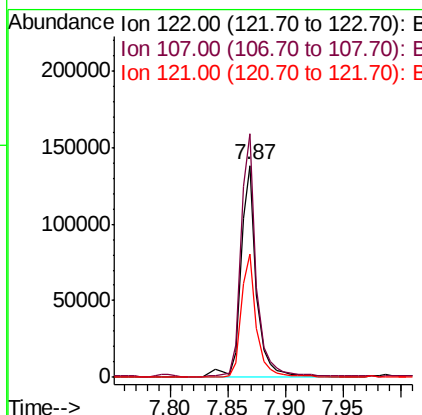
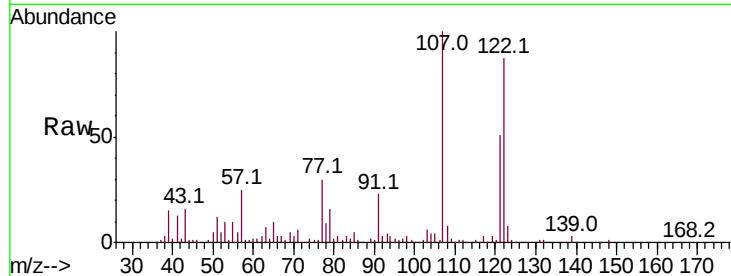
#27
2,4-Dimethylphenol
Concen: 45.116 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	92.5	138.7
121	58.2	45.8	68.8

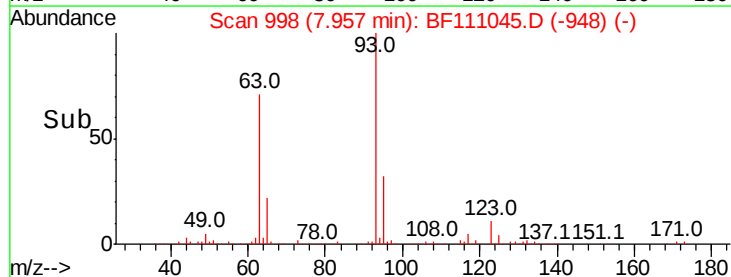
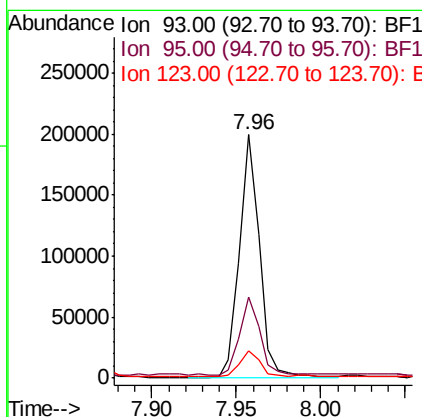
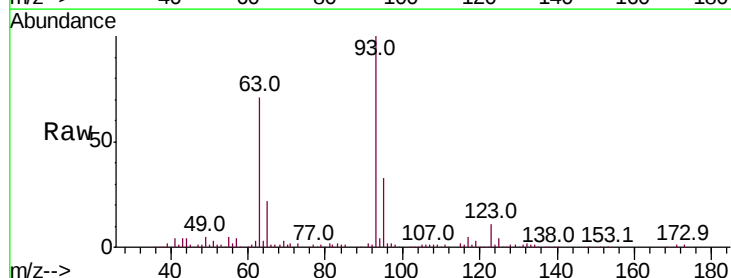
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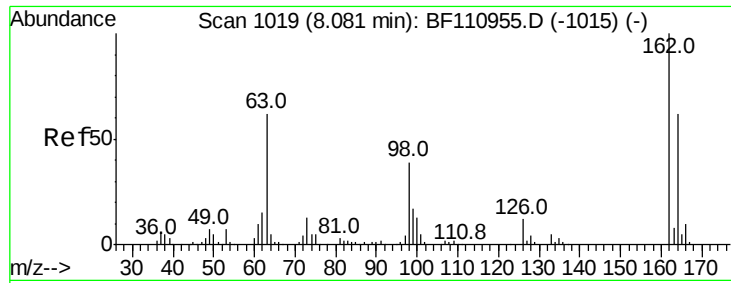
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.717 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.4	39.6
123	11.3	9.0	13.6





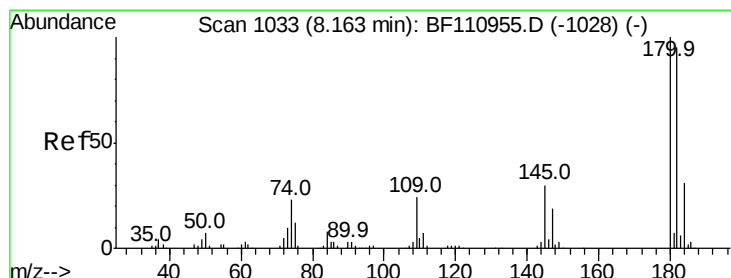
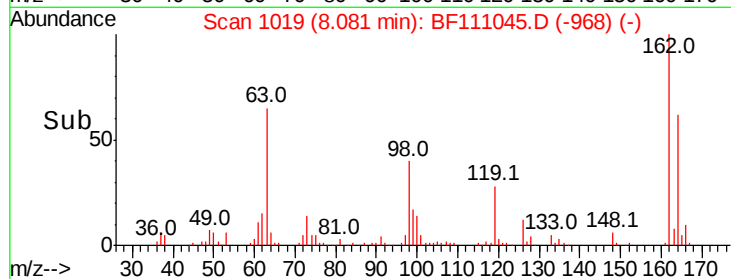
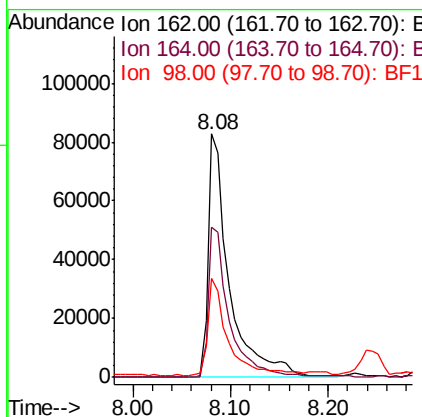
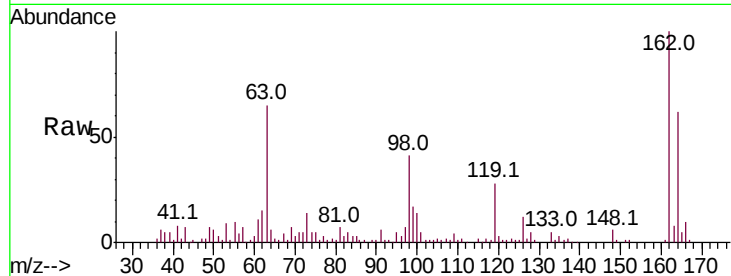
#29
2,4-Dichlorophenol
Concen: 41.128 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	124314		
164	61.6	44.6	84.6	
98	40.7	17.4	57.4	

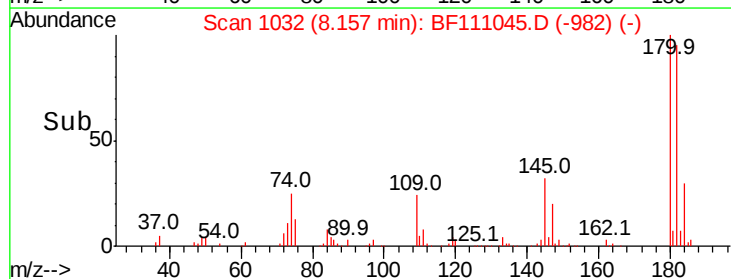
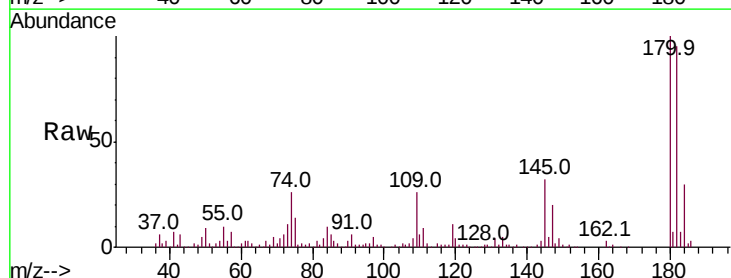
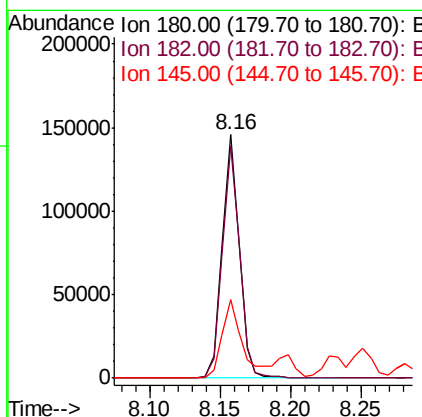
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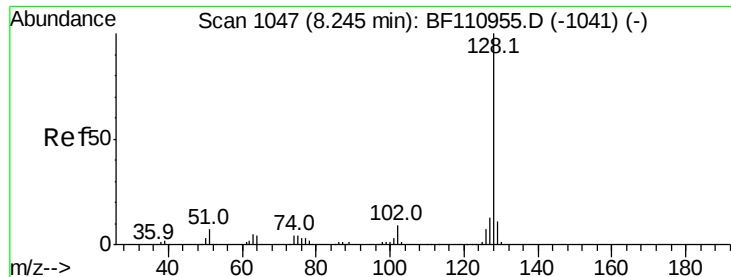
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#30
1,2,4-Trichlorobenzene
Concen: 36.429 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123399		
182	95.3	80.3	120.5	
145	32.0	25.4	38.0	





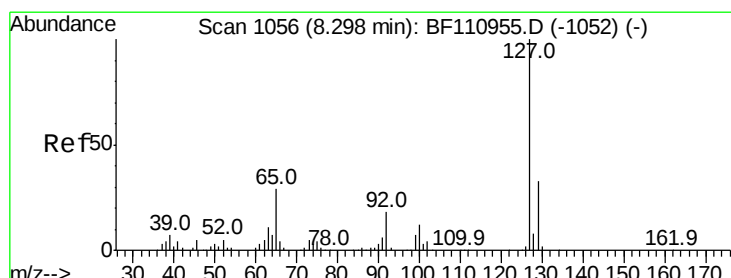
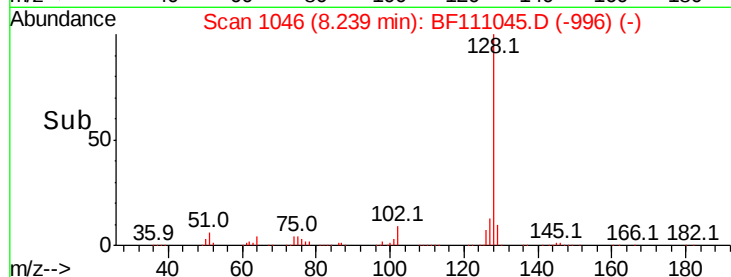
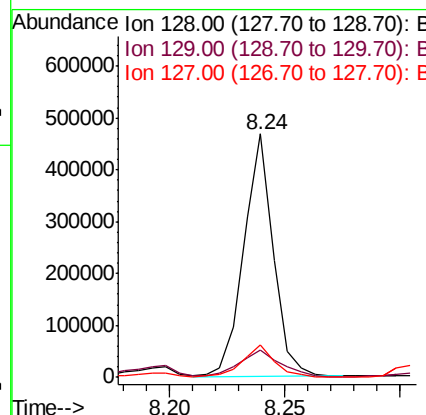
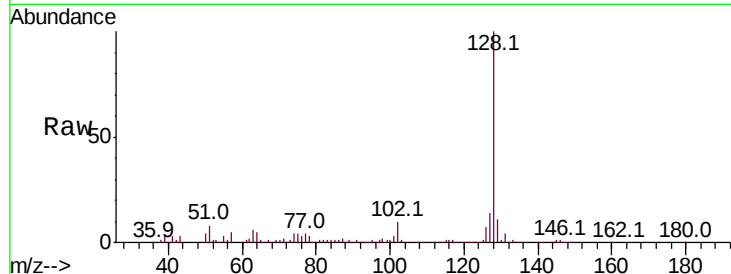
#31
Naphthalene
Concen: 41.002 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.8	16.2

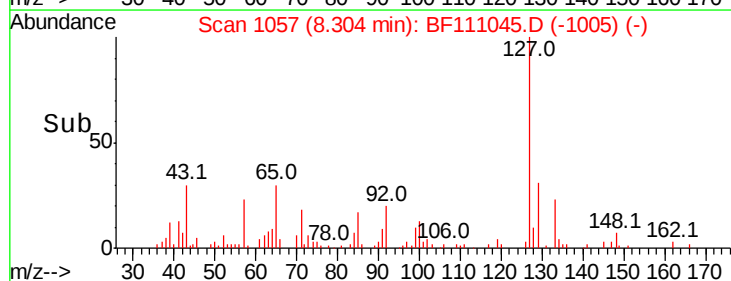
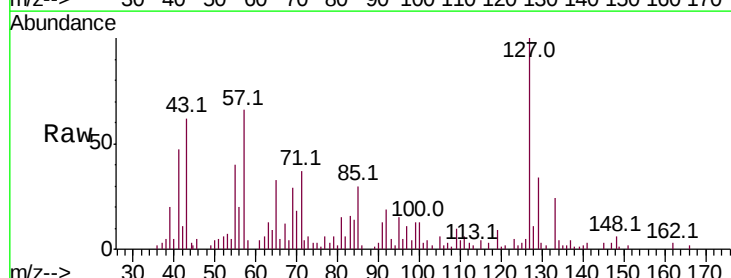
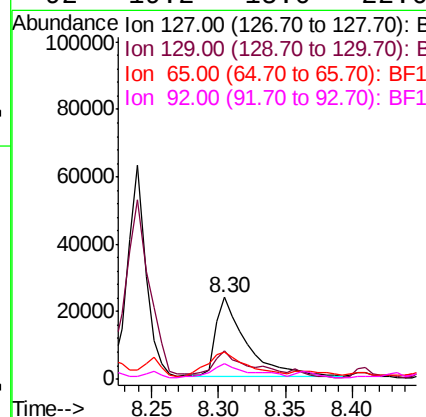
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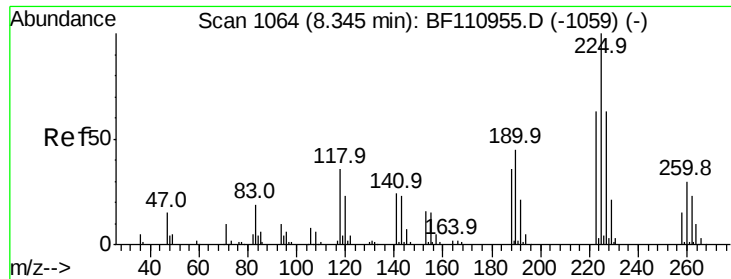
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#33
4-Chloroaniline
Concen: 8.662 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.0	39.0
65	33.1	25.1	37.7
92	19.2	15.0	22.6





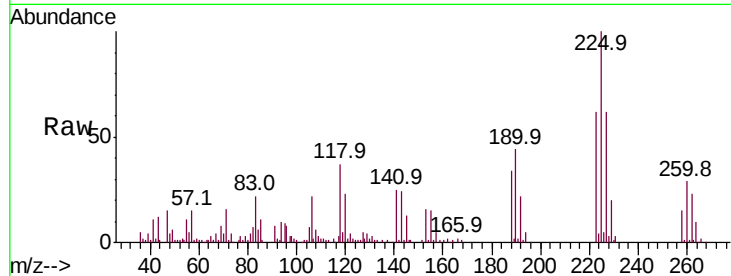
#34
Hexachlorobutadiene
Concen: 35.324 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

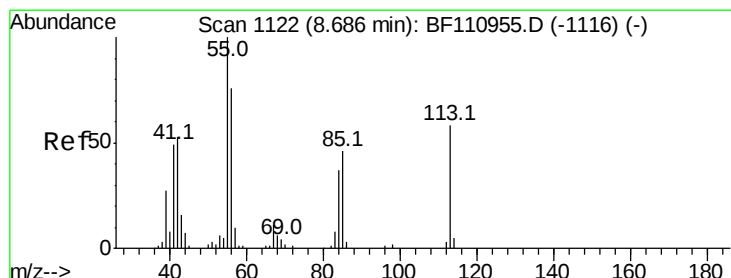
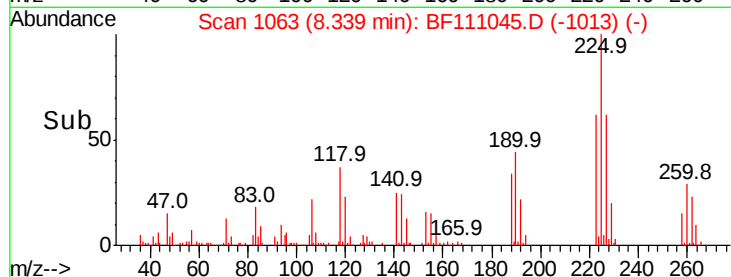
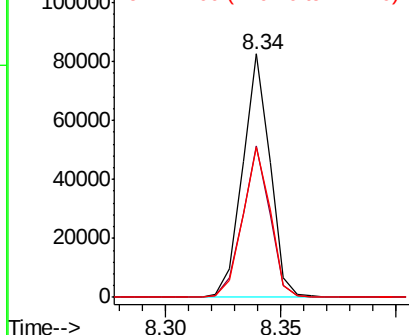
Tot Ion:	225	Resp:	68151
Ion Ratio	Lower	Upper	
225	100		
223	62.2	51.4	77.2
227	61.9	51.0	76.6

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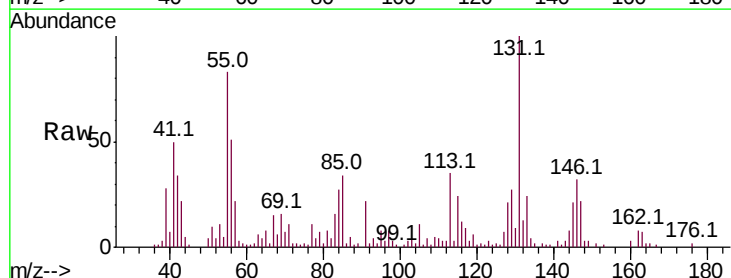


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

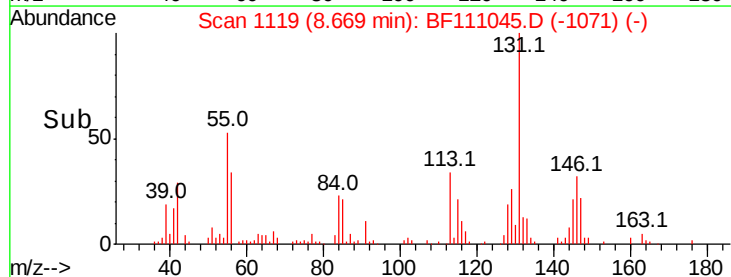
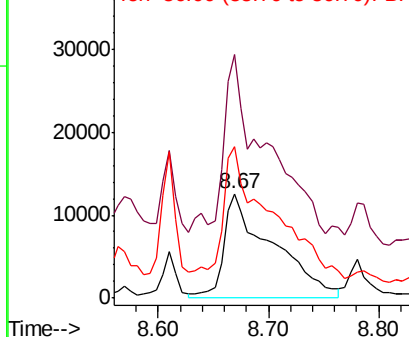


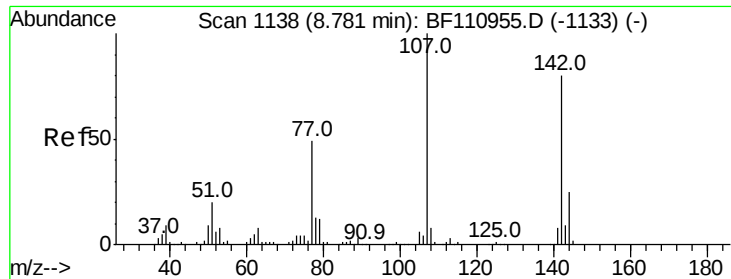
#35
Caprolactam
Concen: 37.556 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion:	113	Resp:	38755
Ion Ratio	Lower	Upper	
113	100		
55	232.8	142.8	182.8#
56	144.4	105.0	145.0



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





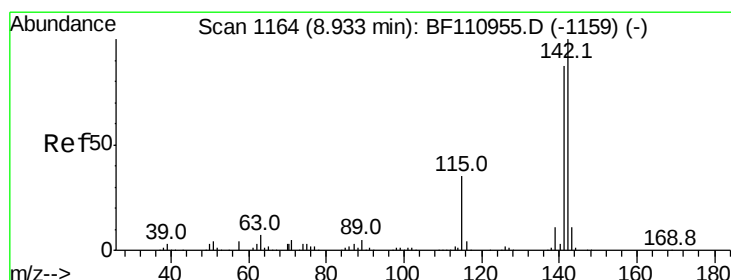
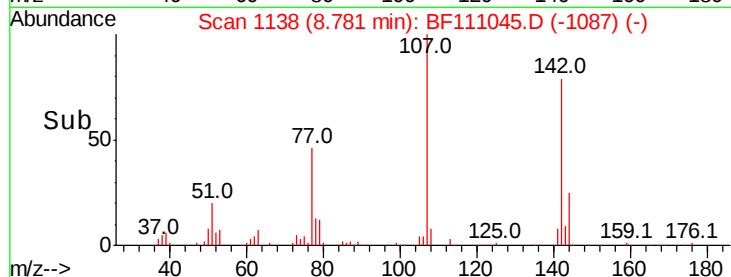
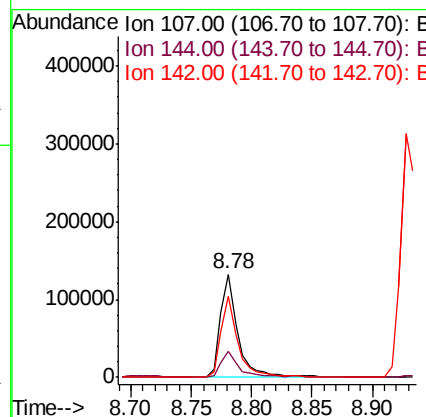
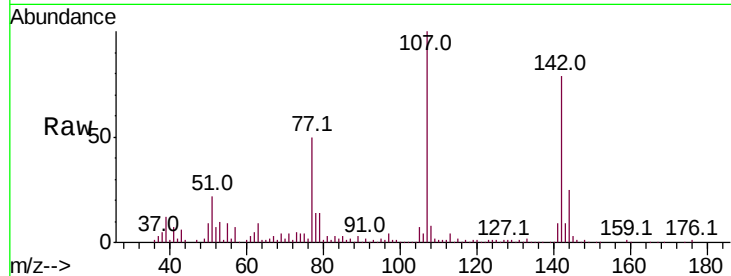
#36
 4-Chloro-3-methylphenol
 Concen: 38.209 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.2	20.0	30.0	
142	78.5	59.7	89.5	

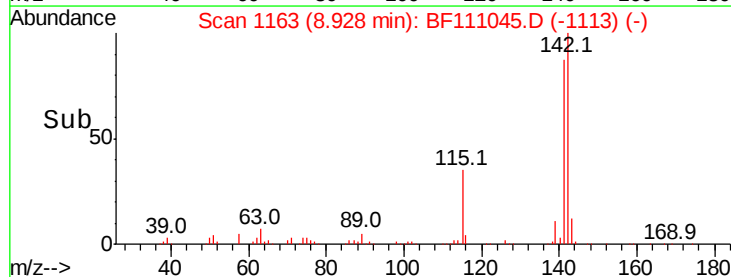
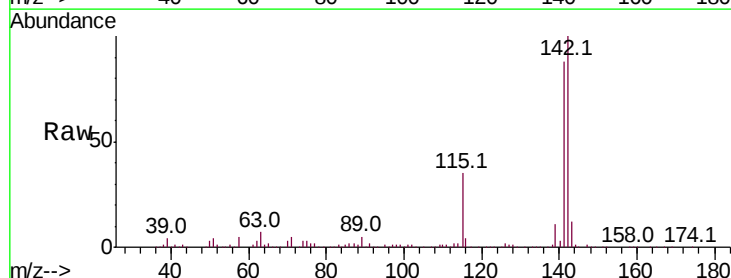
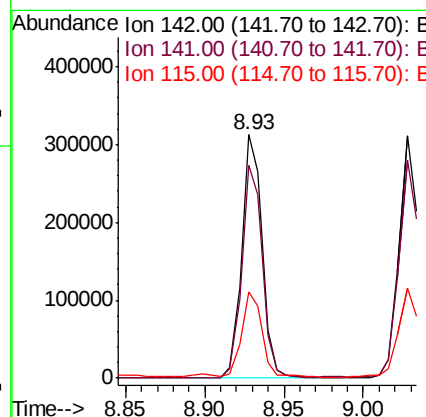
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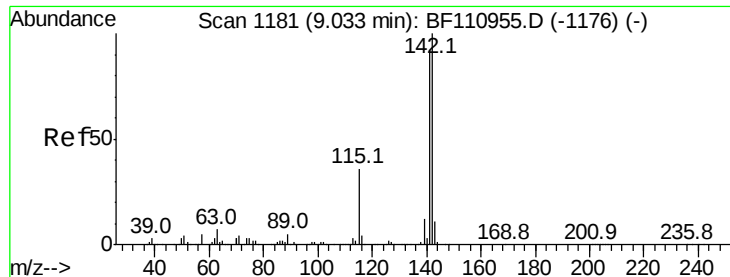
mohammad
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#37
 2-Methylnaphthalene
 Concen: 41.436 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	87.6	71.4	107.2	
115	35.5	28.7	43.1	





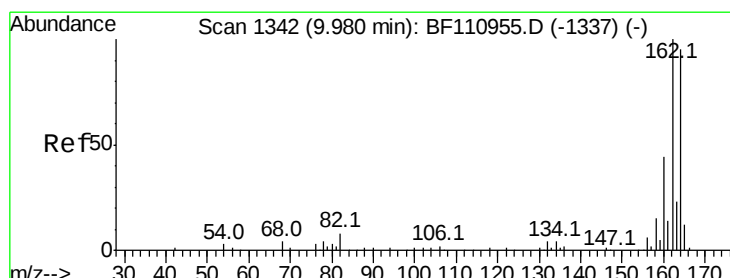
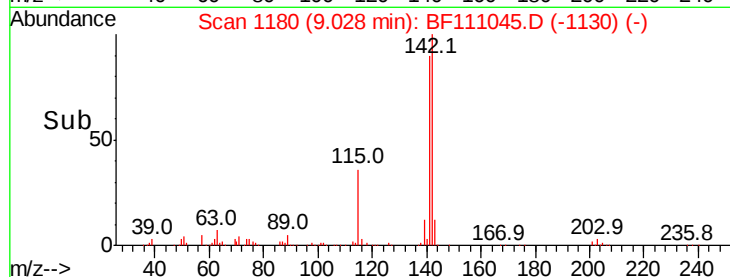
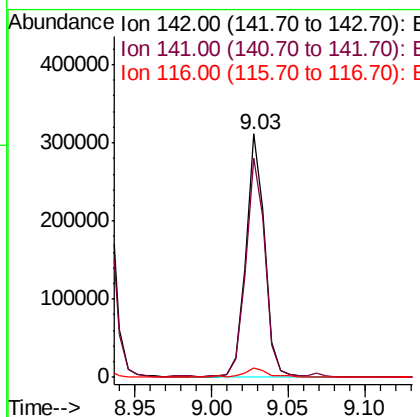
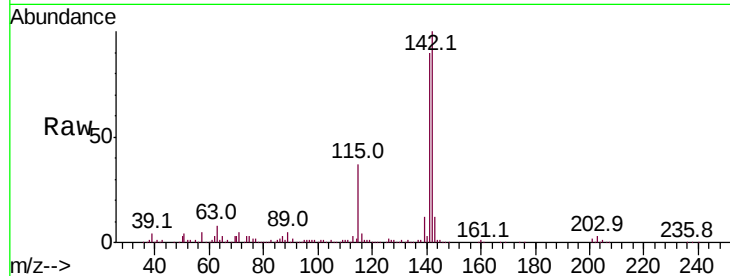
#38
1-Methylnaphthalene
Concen: 40.941 ng m
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	267142		
141	90.0	74.2	111.4	
116	4.0	2.6	4.0#	

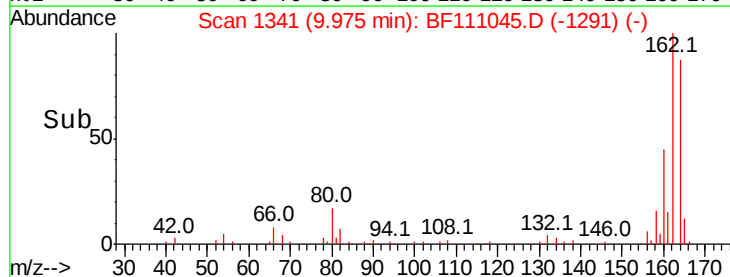
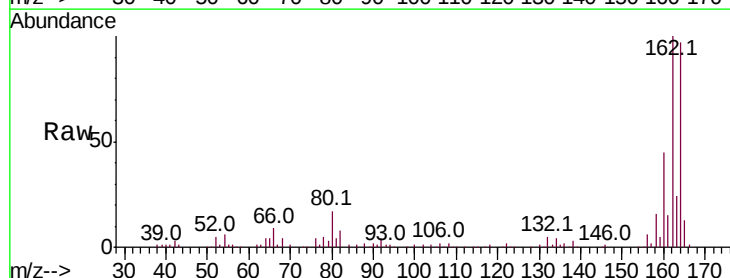
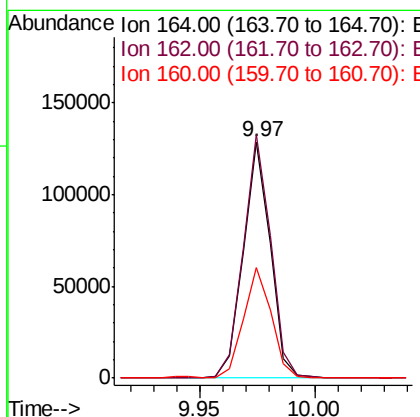
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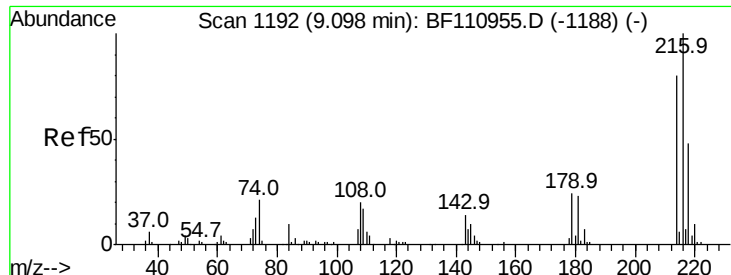
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	104710		
162	103.0	83.0	124.6	
160	46.8	37.0	55.6	





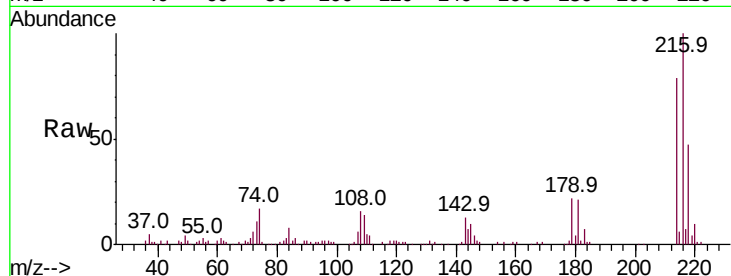
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.733 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

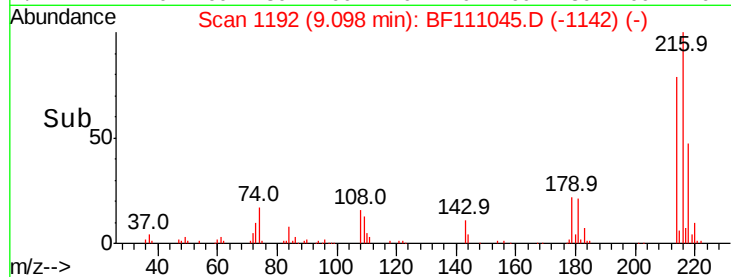
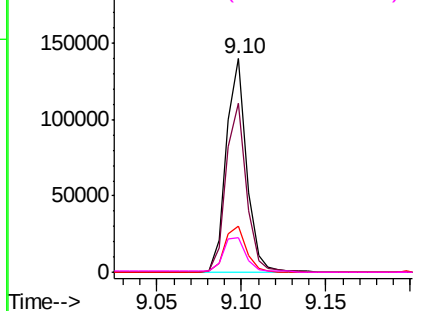
Tot Ion	Ratio	Resp	Lower	Upper
216	100	117703		
214	79.3	63.8	95.6	
179	23.3	16.6	25.0	
108	19.7	15.1	22.7	

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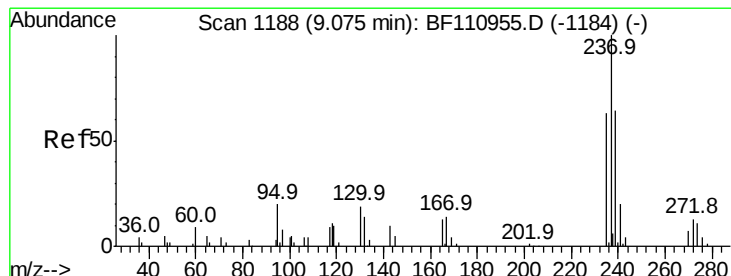


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

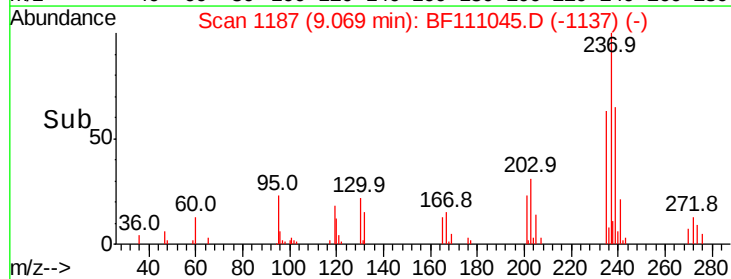
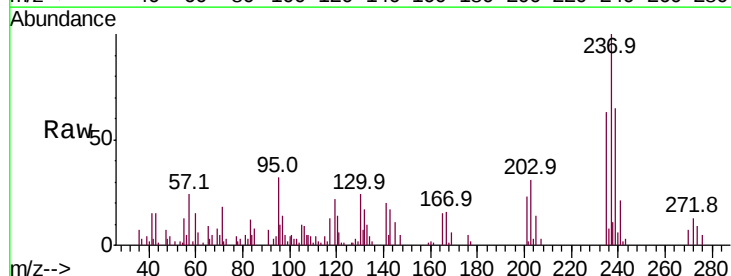
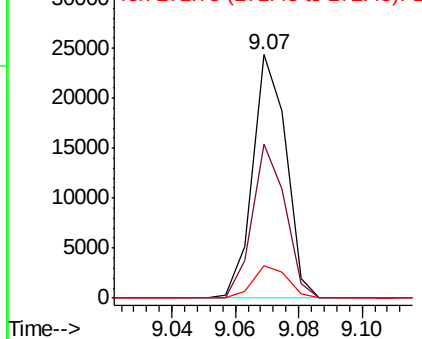


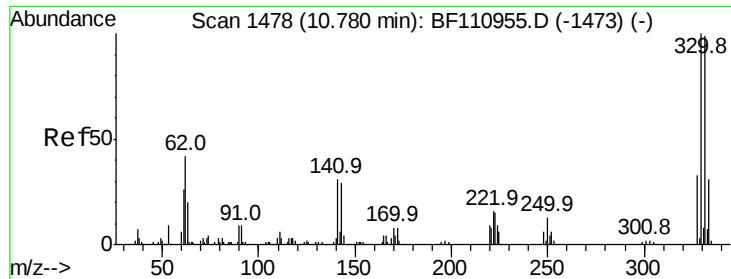
#41
 Hexachlorocyclopentadiene
 Concen: 47.520 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	17834		
235	63.4	43.1	83.1	
272	13.1	0.0	32.6	



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





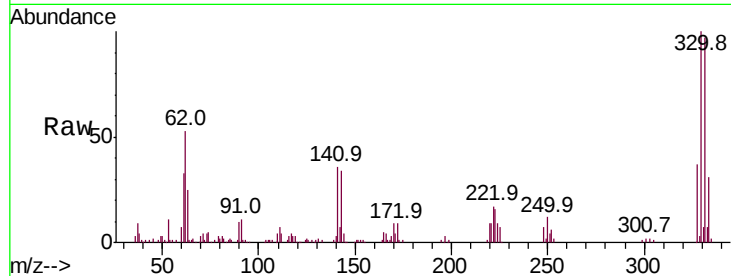
#42
 2,4,6-Tribromophenol
 Concen: 119.065 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	77.1	115.7	
141	39.1	27.0	40.4	

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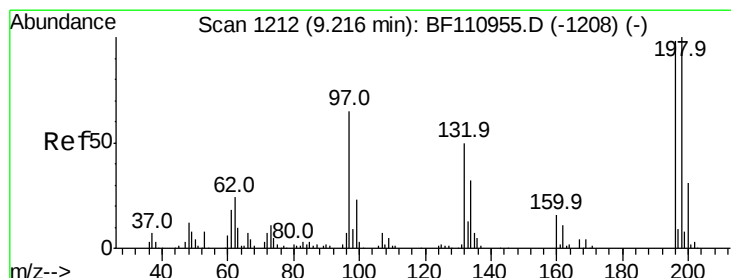
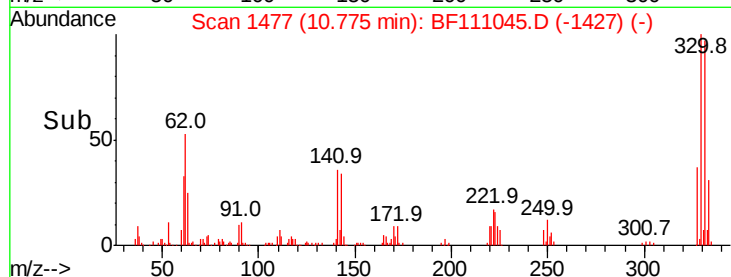
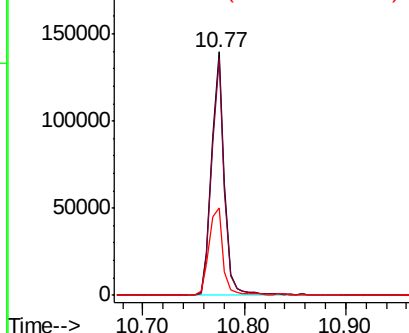


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 38.430 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

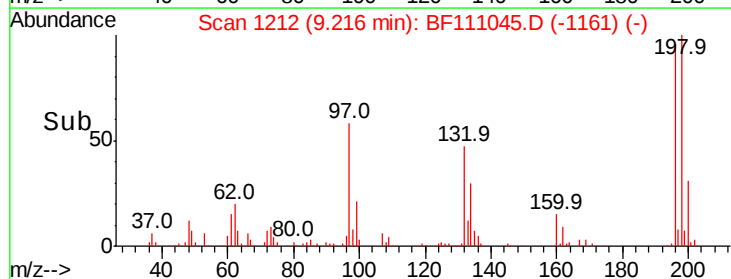
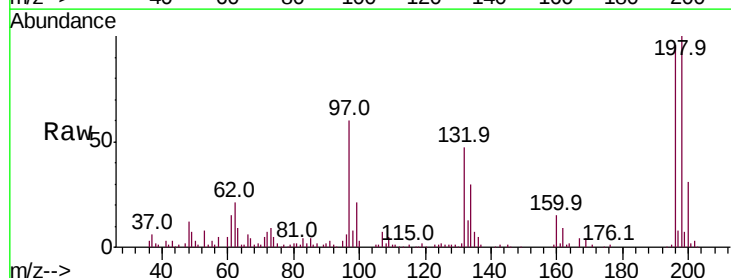
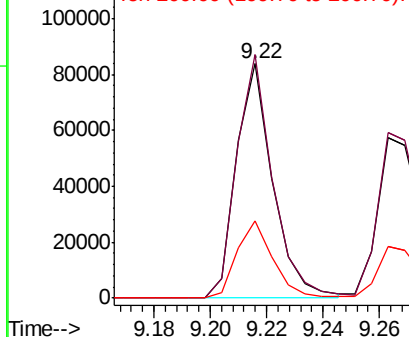
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.8	76.2	114.4	
200	32.7	24.4	36.6	

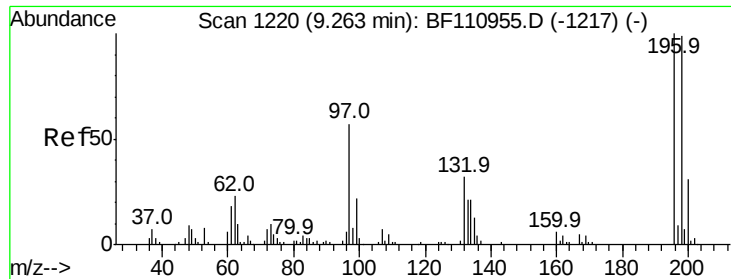
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





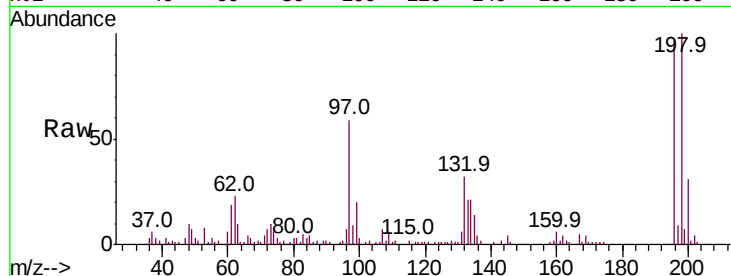
#44
2,4,5-Trichlorophenol
Concen: 37.839 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	78381		
198	103.5	75.8	113.6	
97	61.1	42.4	63.6	
132	32.9	22.8	34.2	

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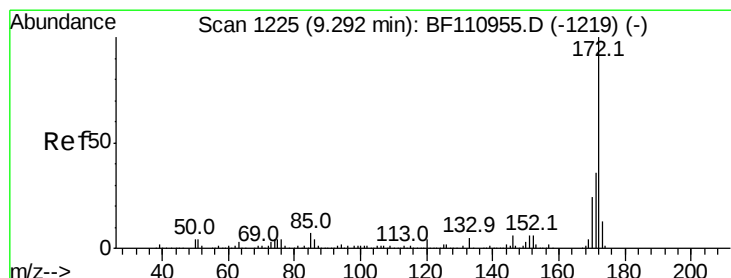
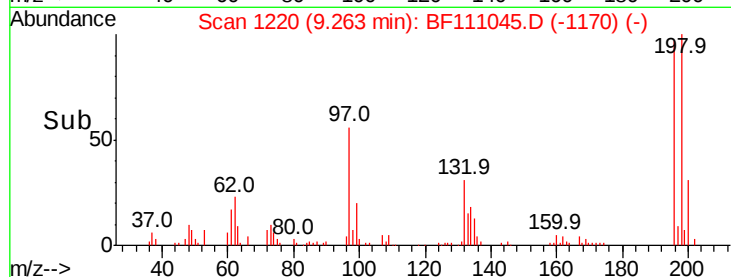
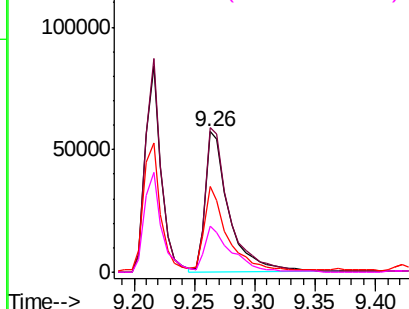
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

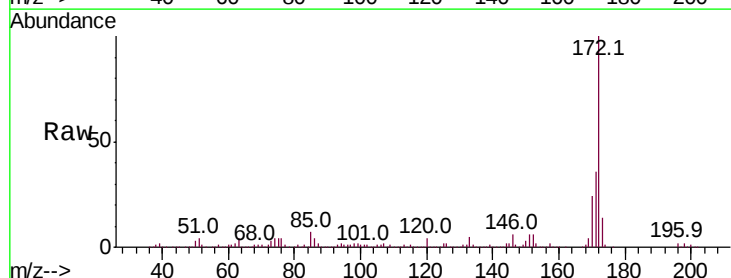
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 75.241 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	543803		
171	35.7	28.6	43.0	
170	23.6	19.7	29.5	

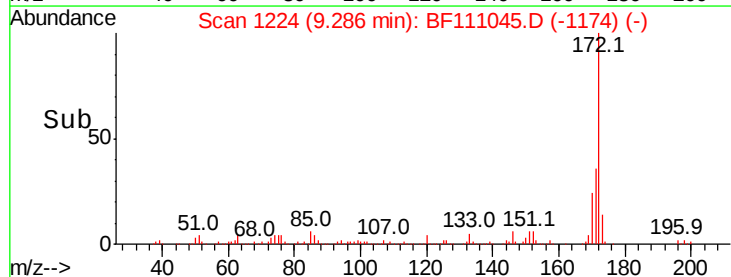
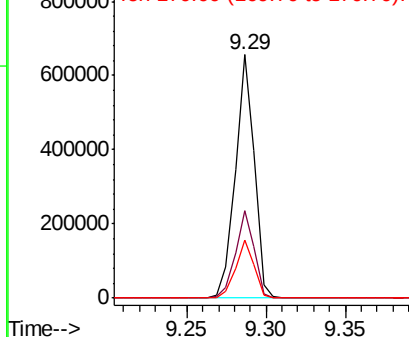


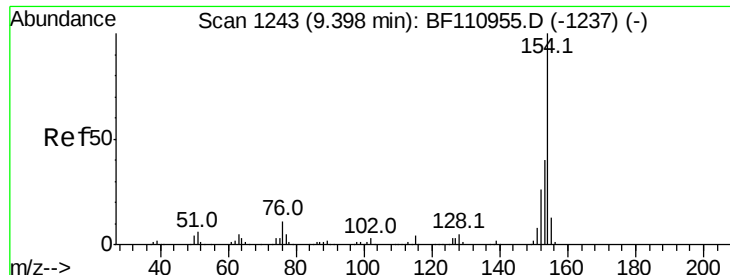
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





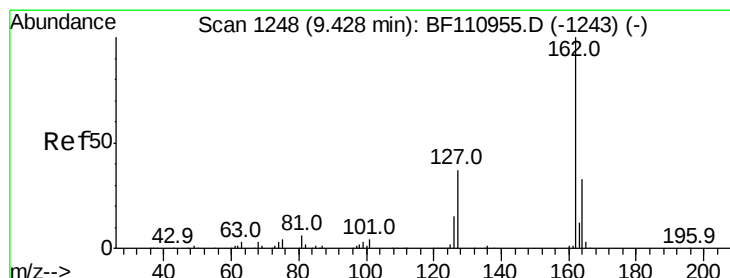
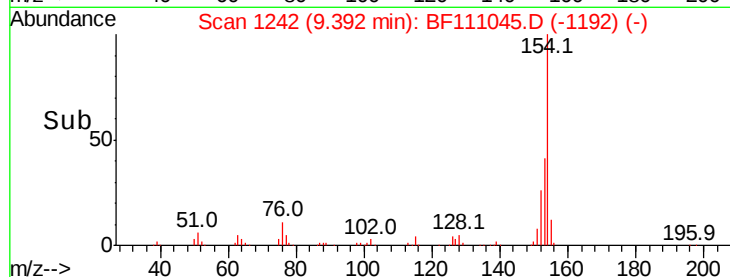
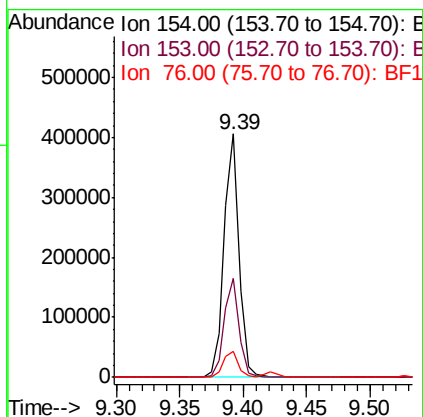
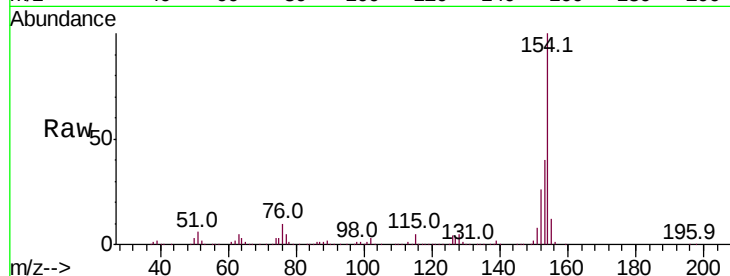
#46
 1,1'-Biphenyl
 Concen: 34.684 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	20.4	60.4	
76	10.5	0.0	31.9	

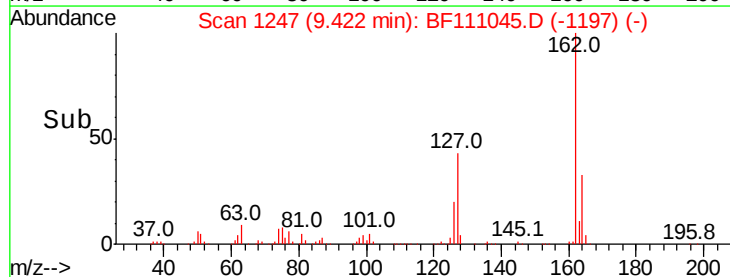
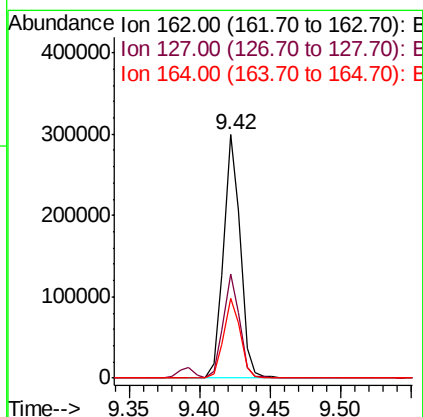
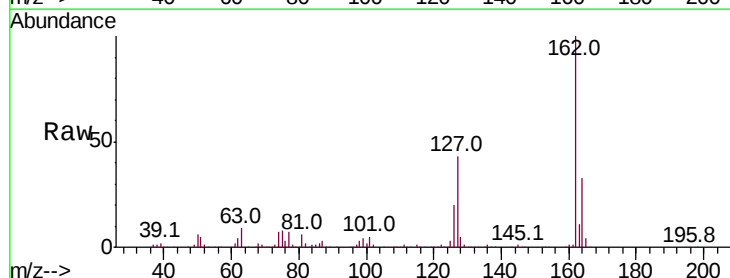
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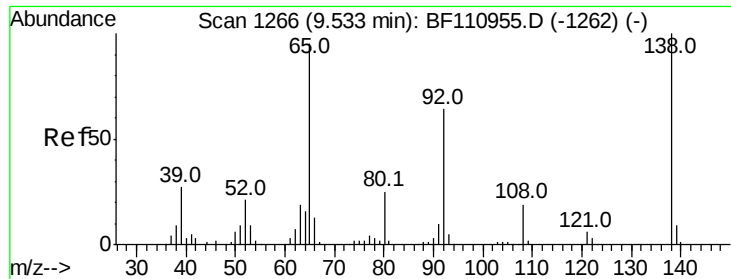
mohammad
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#47
 2-Chloronaphthalene
 Concen: 35.646 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.8	32.6	48.8	
164	33.0	25.9	38.9	





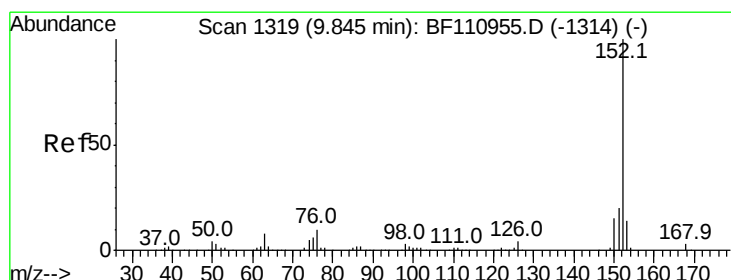
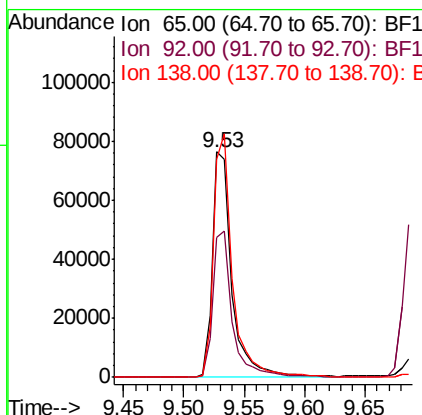
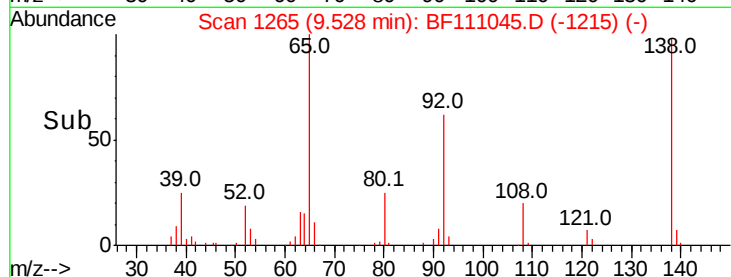
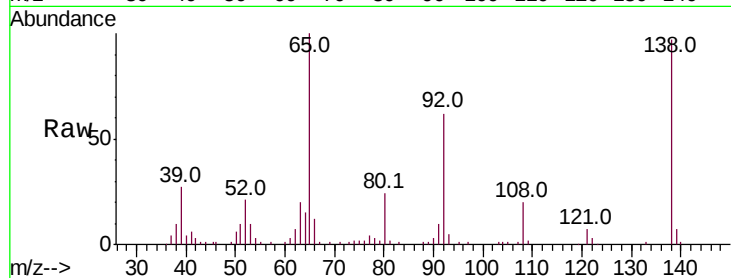
#48
2-Nitroaniline
Concen: 38.605 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.2	54.6	81.8
138	96.9	80.3	120.5

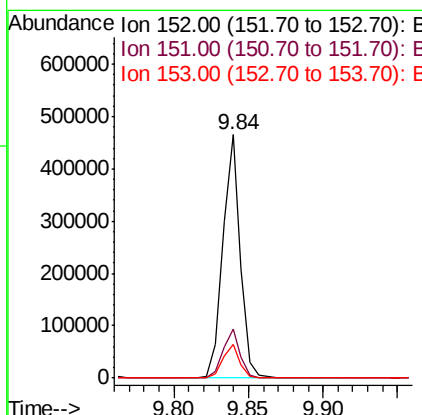
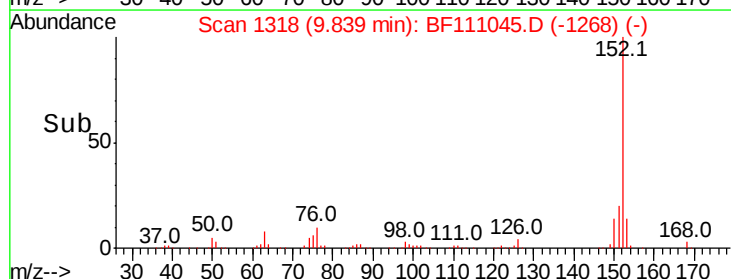
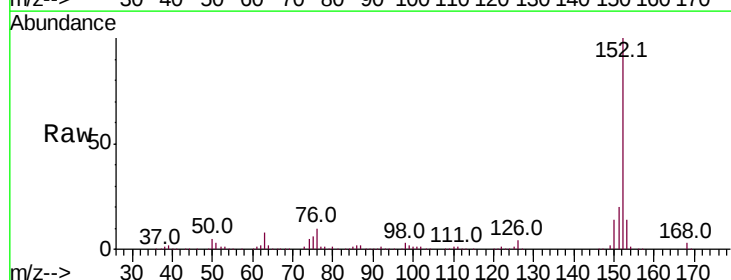
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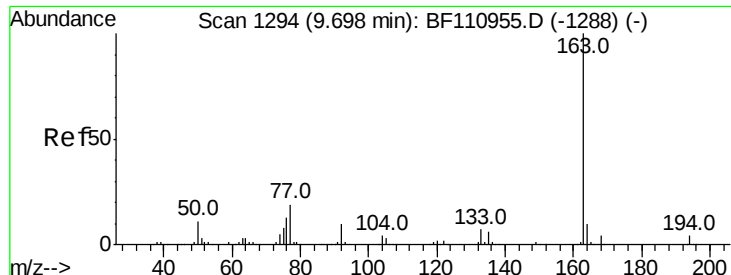
mohammad
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#49
Acenaphthylene
Concen: 38.620 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.7	10.4	15.6





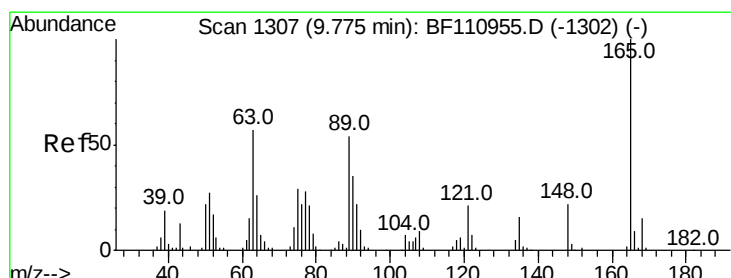
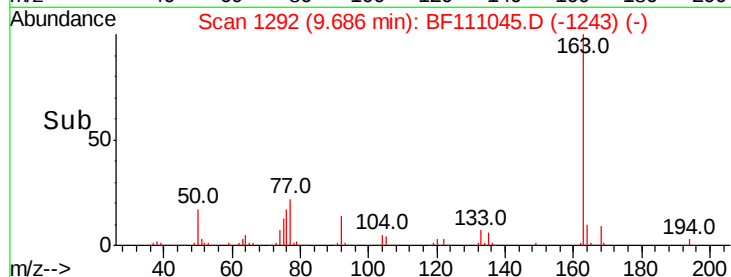
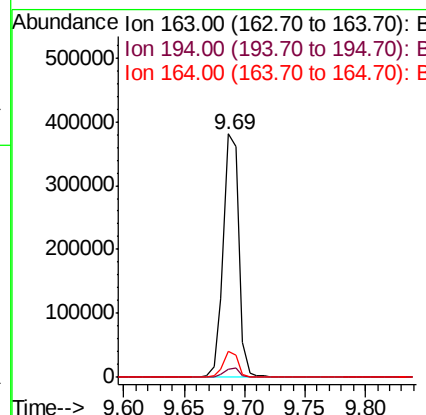
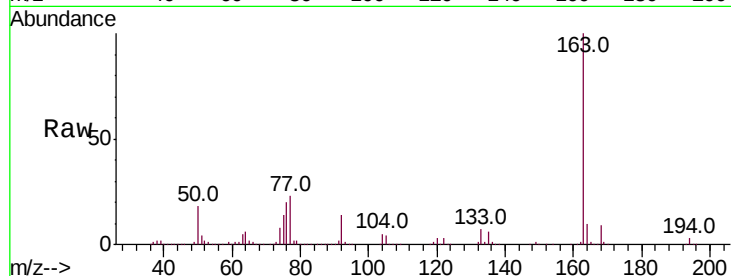
#50
Dimethylphthalate
Concen: 43.794 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	3.2	4.8	
164	10.5	8.1	12.1	

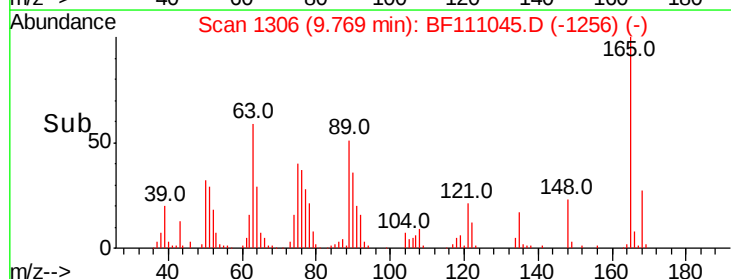
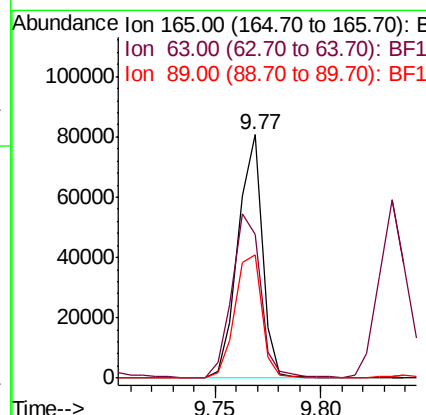
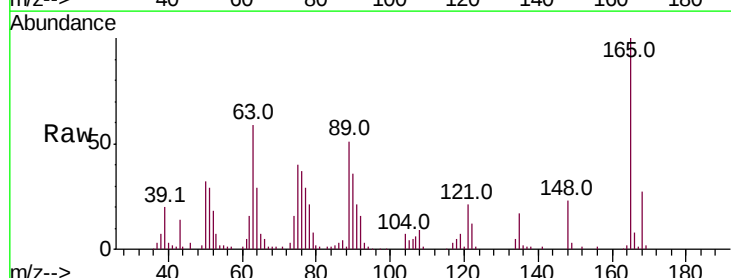
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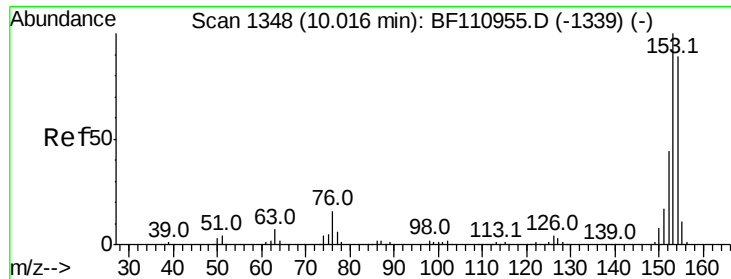
mohammad
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#51
2,6-Dinitrotoluene
Concen: 37.435 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.2	48.9	73.3	
89	50.9	46.6	69.8	





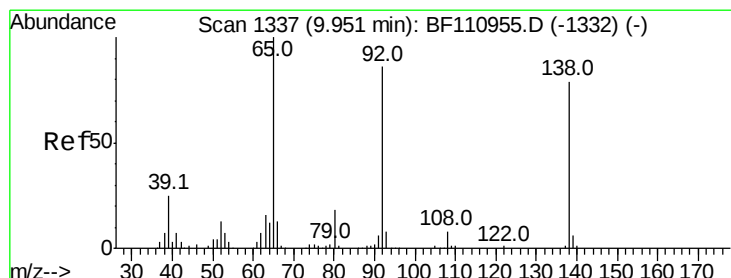
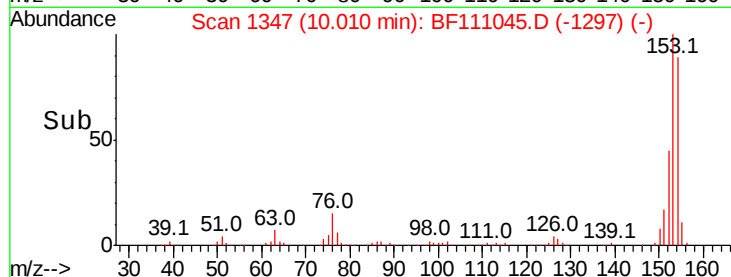
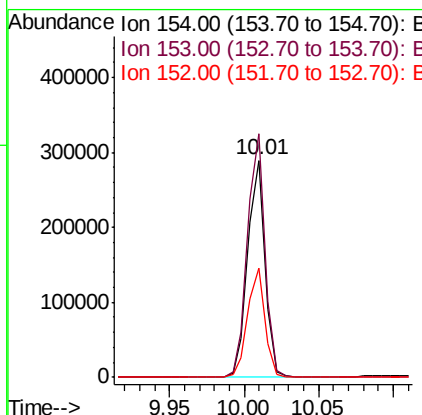
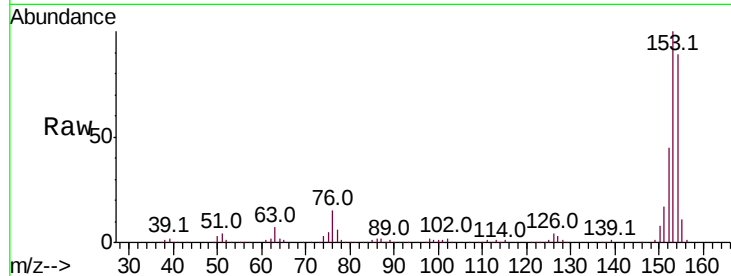
#52
Acenaphthene
Concen: 36.460 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.1	135.1
152	50.5	43.4	65.2

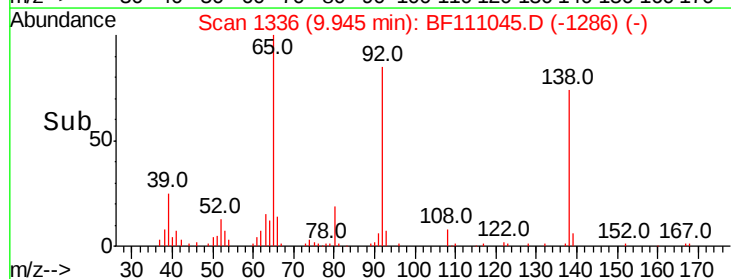
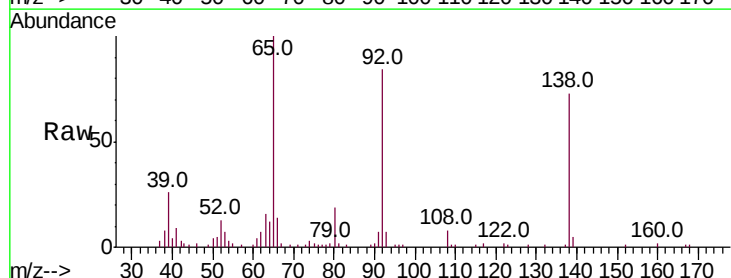
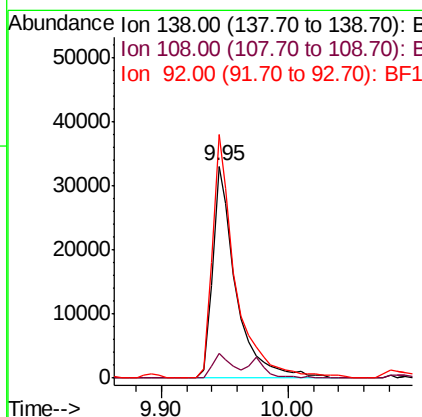
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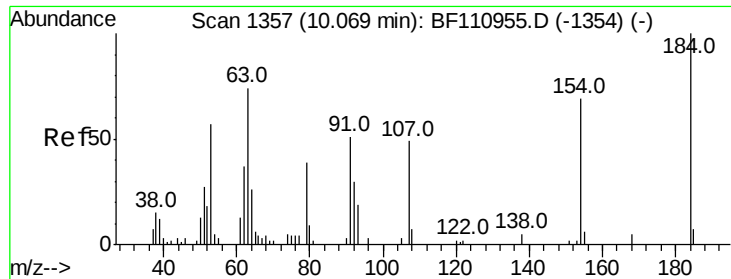
mohammad
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#53
3-Nitroaniline
Concen: 21.317 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.7	13.1
92	114.9	97.0	145.4





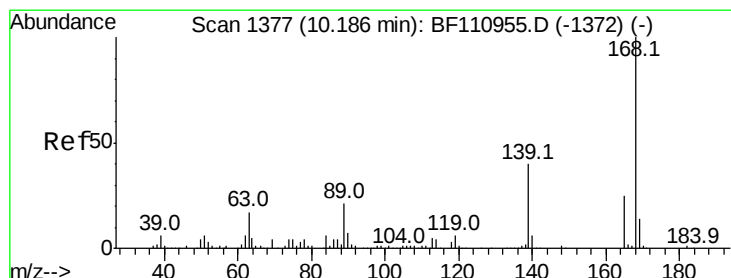
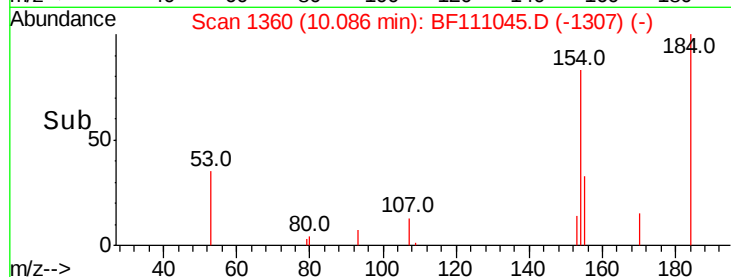
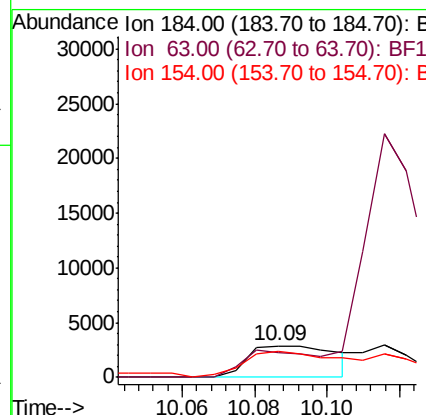
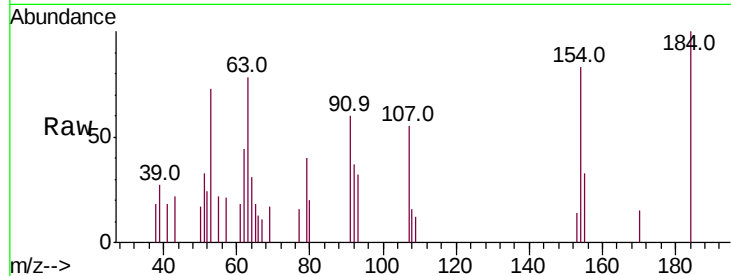
#54
 2,4-Dinitrophenol
 Concen: 11.396 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	78.2	55.8	83.6
154	83.1	63.2	94.8

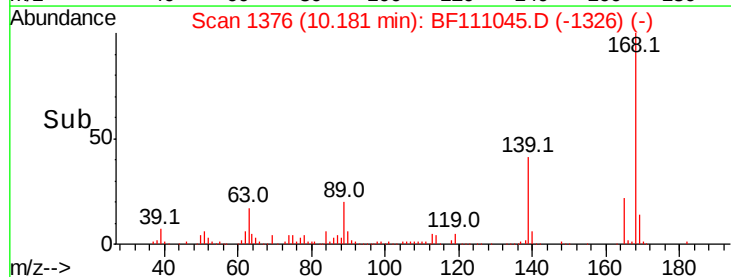
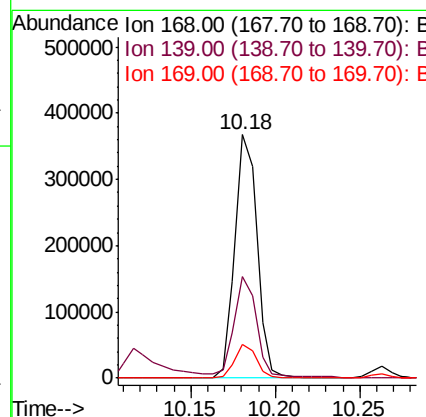
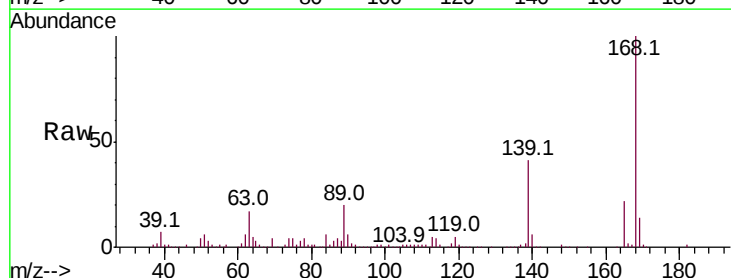
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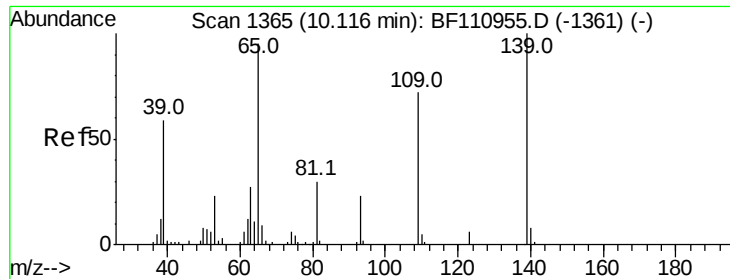
mohammad
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#55
 Dibenzofuran
 Concen: 36.197 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.5	33.0	49.6
169	13.9	11.3	16.9





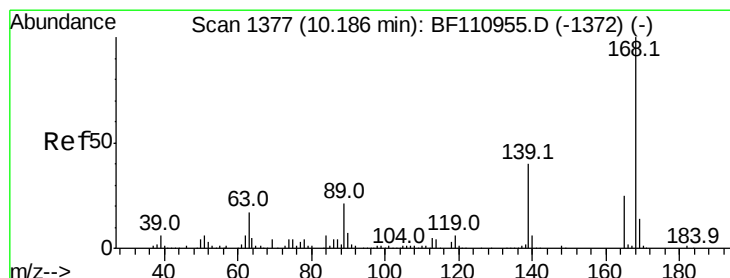
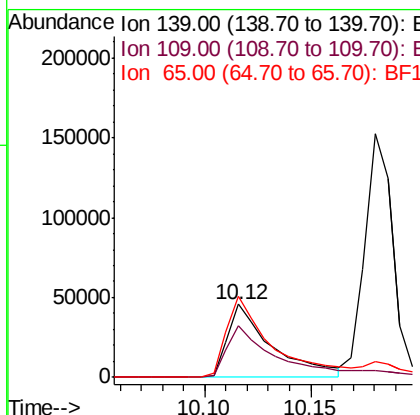
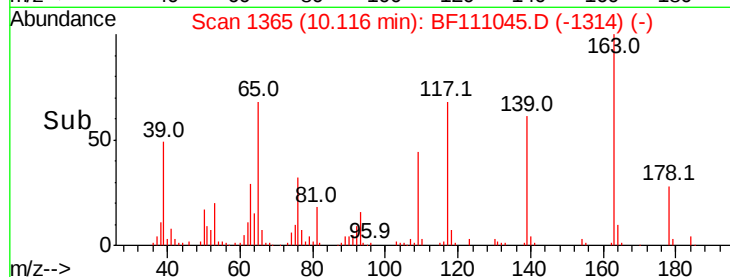
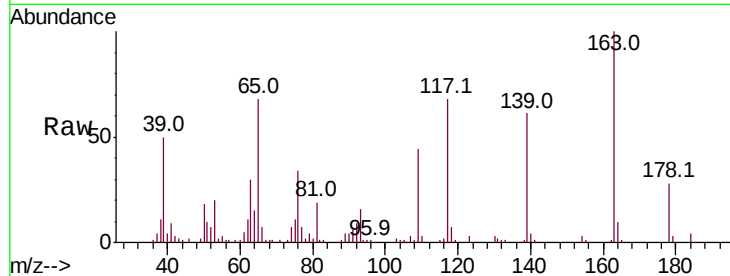
#56
4-Nitrophenol
Concen: 60.976 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	71.3	55.8	95.8
65	110.7	77.9	117.9

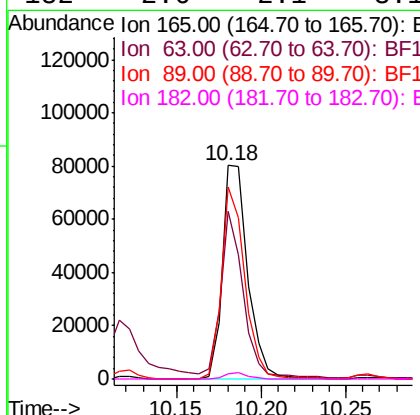
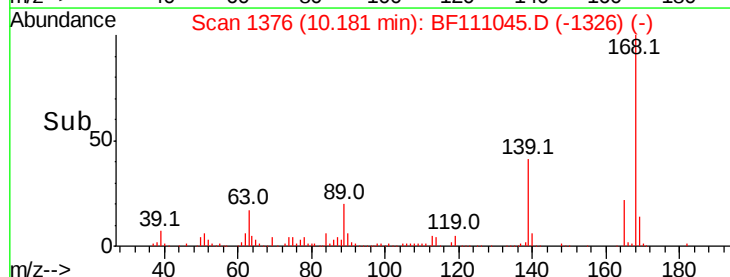
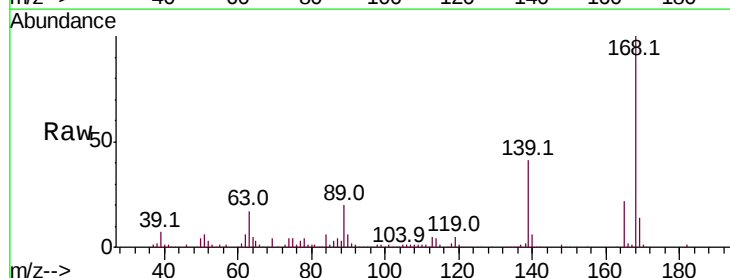
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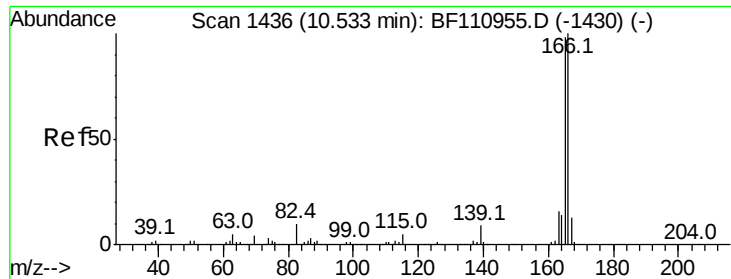
mohammad
11/29/2018 1:58:19 PM



#57
2,4-Dinitrotoluene
Concen: 37.844 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	78.6	44.8	67.2#
89	89.9	62.2	93.4
182	2.6	2.1	3.1





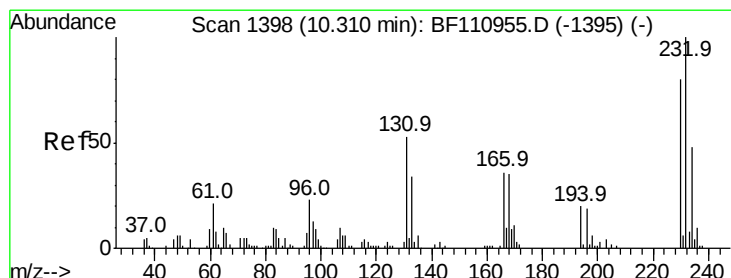
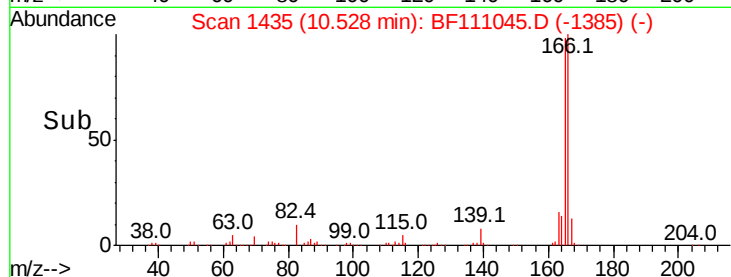
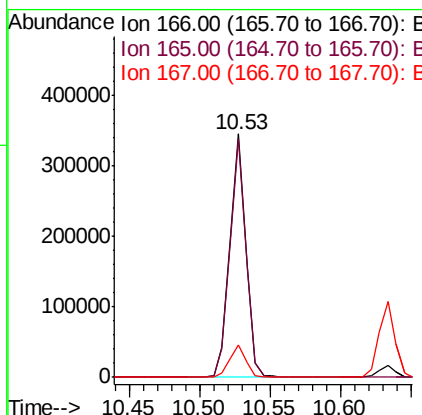
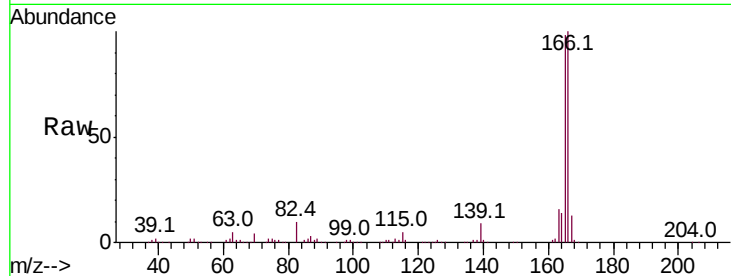
#58
Fluorene
Concen: 38.026 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.9	78.6	117.8	
167	13.3	10.8	16.2	

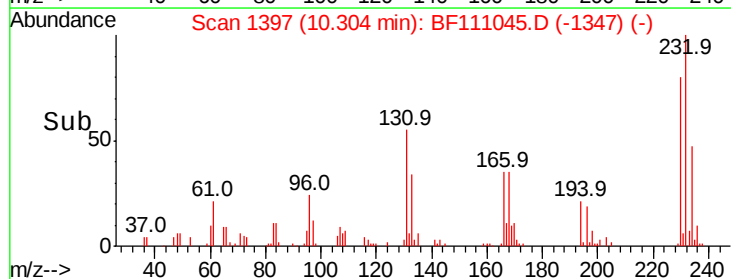
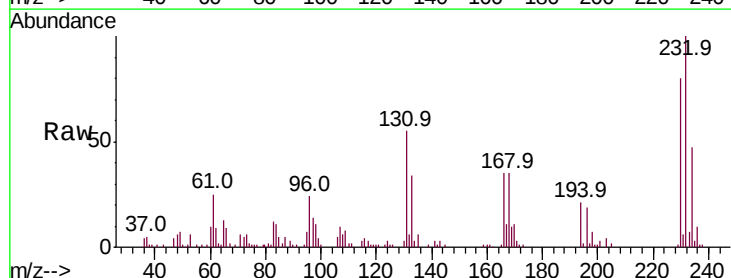
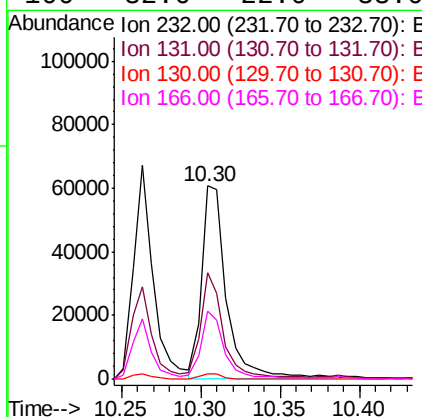
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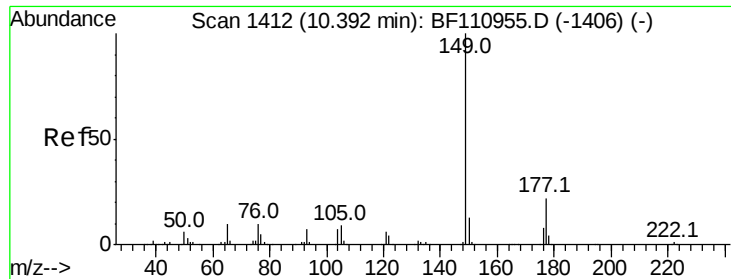
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#59
2,3,4,6-Tetrachlorophenol
Concen: 38.746 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	49.6	37.0	55.4	
130	2.3	1.8	2.6	
166	32.6	22.0	33.0	





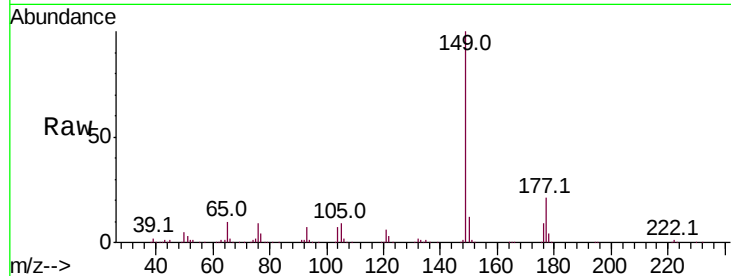
#60
Diethylphthalate
Concen: 36.791 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

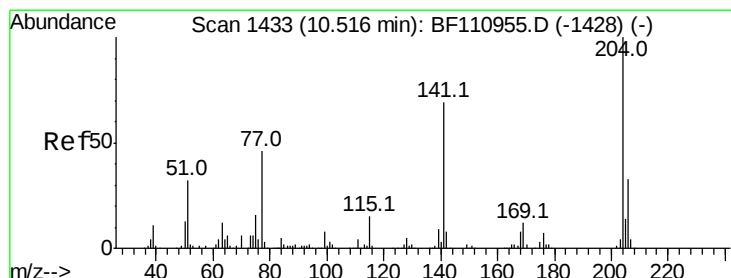
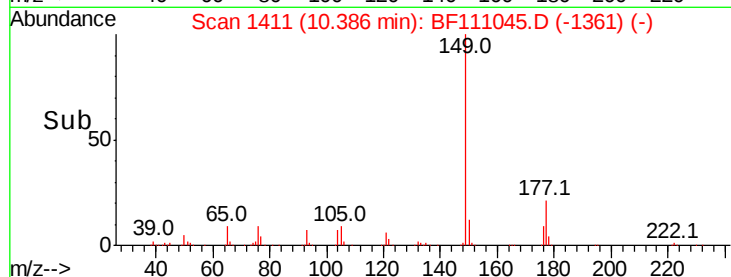
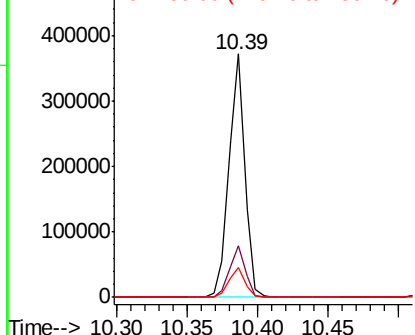
Tot Ion	Ratio	Resp	Lower	Upper
149	100	291355		
177	21.4		17.4	26.2
150	12.3		9.8	14.8

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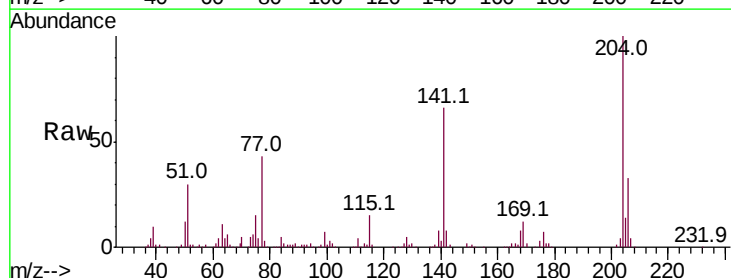


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

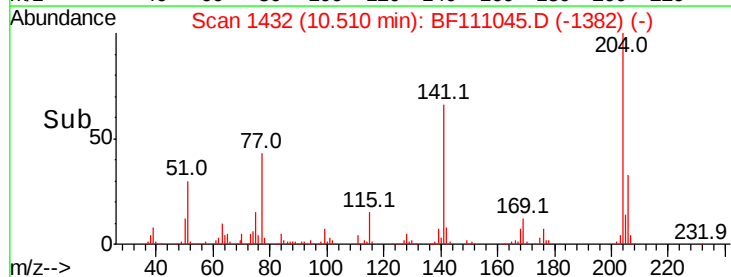
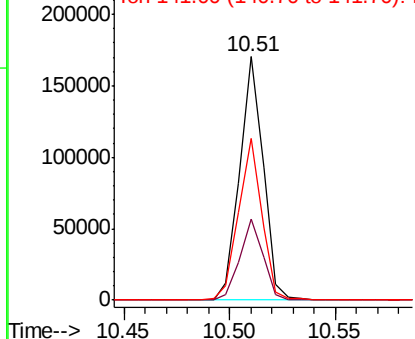


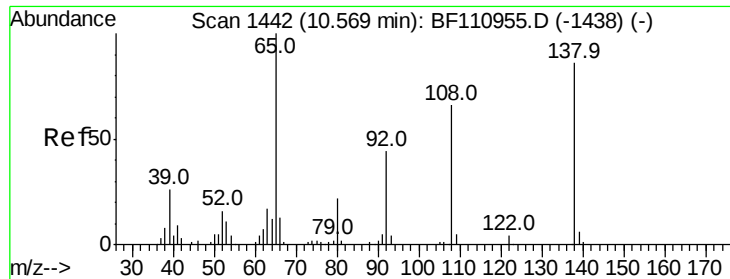
#61
4-Chlorophenyl-phenylether
Concen: 34.648 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	131248		
206	33.2		26.5	39.7
141	66.2		51.8	77.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





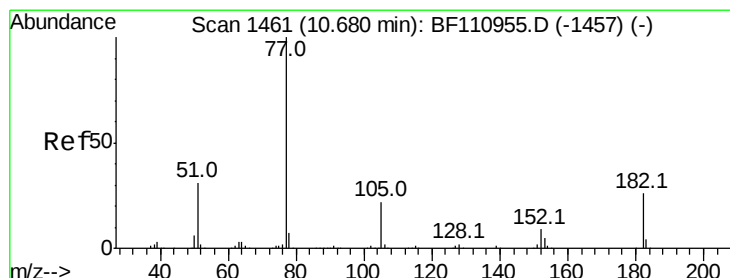
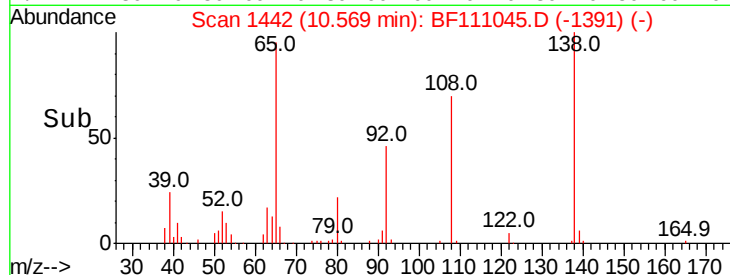
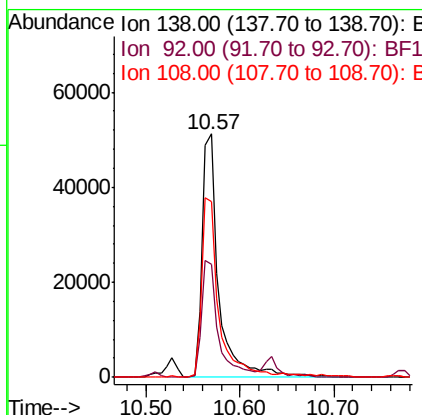
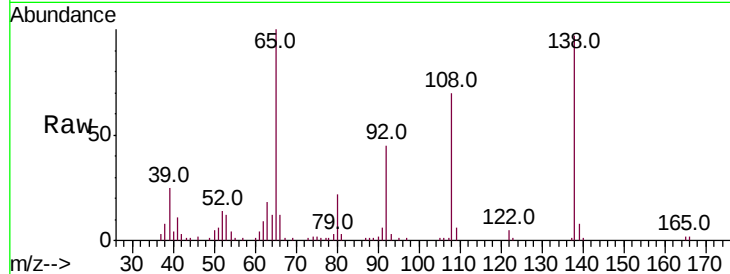
#62
4-Nitroaniline
Concen: 34.314 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.4	31.7	71.7
108	72.1	59.3	99.3

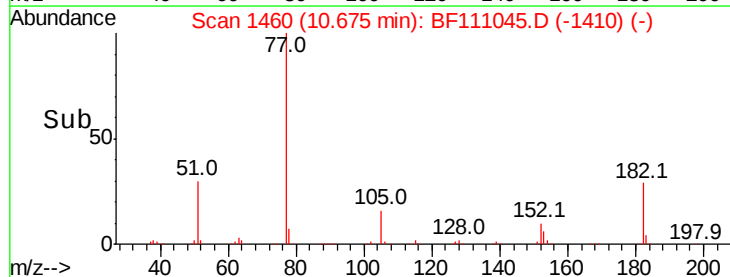
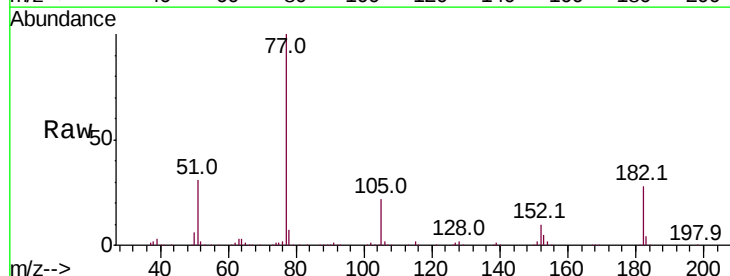
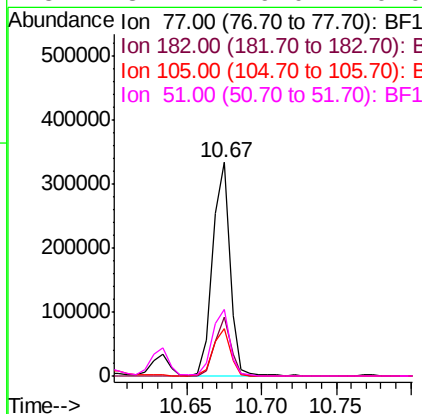
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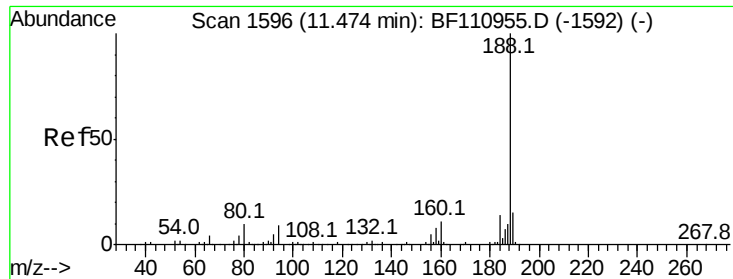
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#63
Azobenzene
Concen: 34.553 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.6	4.3	44.3
105	22.4	1.3	41.3
51	31.1	9.0	49.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

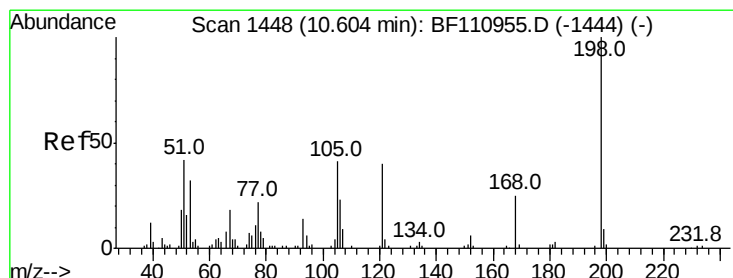
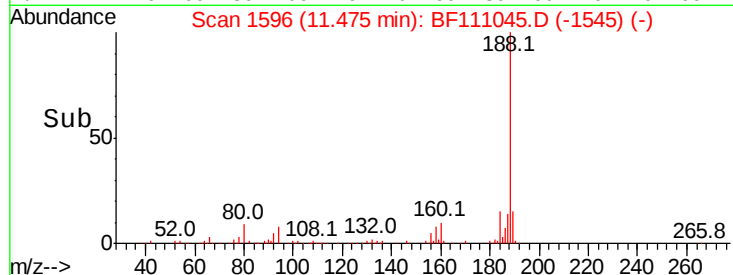
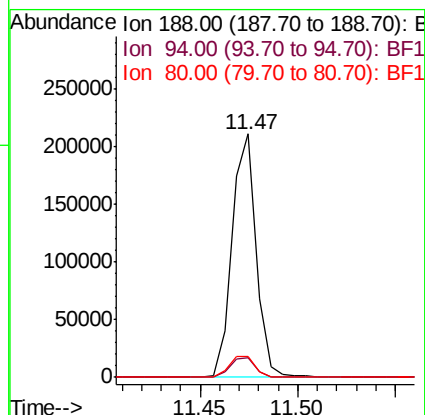
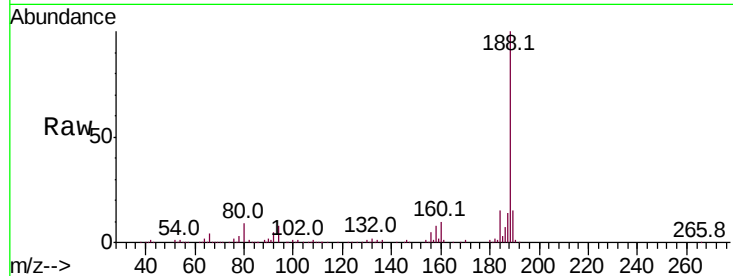
ClientSampleId :

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Tot Ion:	188	Resp:	180688
Ion Ratio	Lower	Upper	
188	100		
94	8.0	7.2	10.8
80	8.6	7.9	11.9

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#65

4,6-Dinitro-2-methylphenol

Concen: 26.457 ng

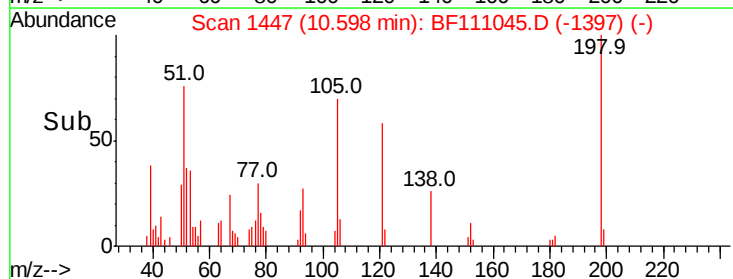
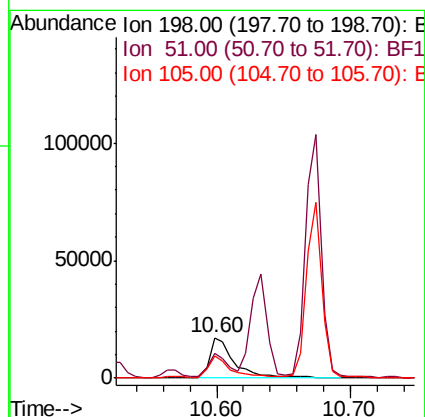
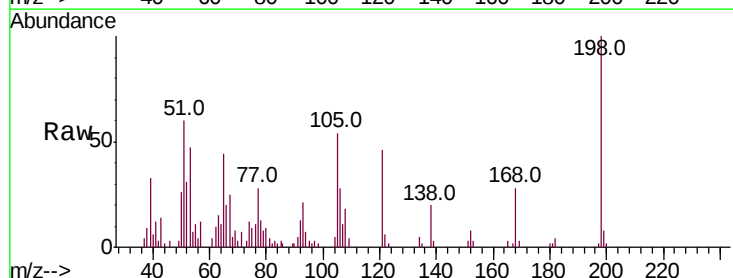
RT: 10.60 min Scan# 1447

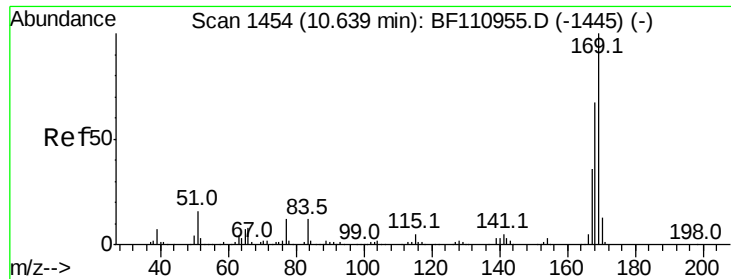
Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Tgt Ion:	198	Resp:	22613
Ion Ratio	Lower	Upper	
198	100		
51	60.1	22.8	62.8
105	53.8	23.6	63.6





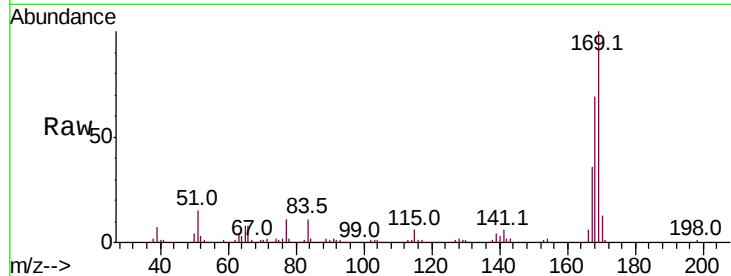
#66
 n-Nitrosodiphenylamine
 Concen: 39.509 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

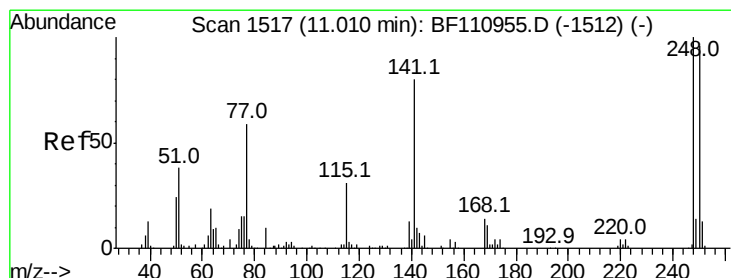
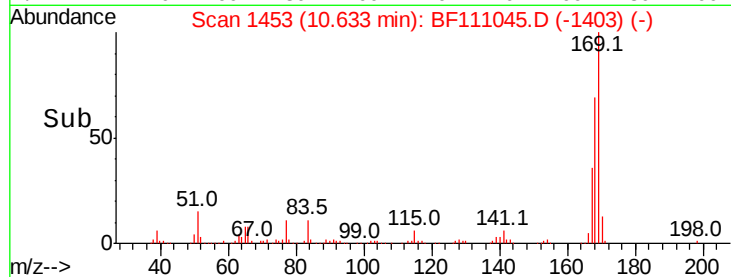
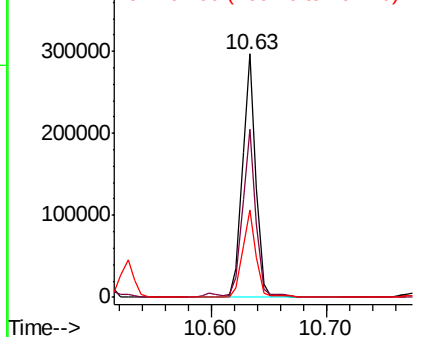
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.2	51.2	76.8
167	36.0	27.8	41.6

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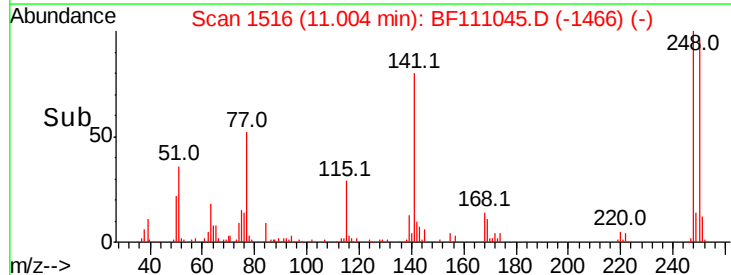
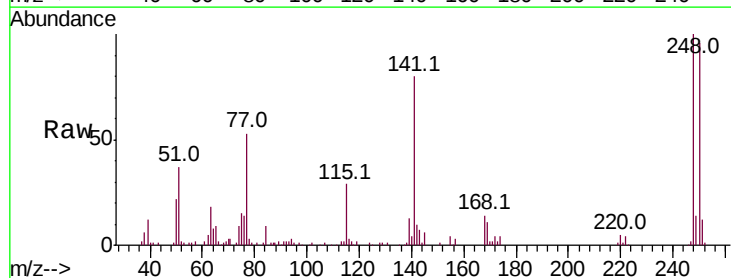
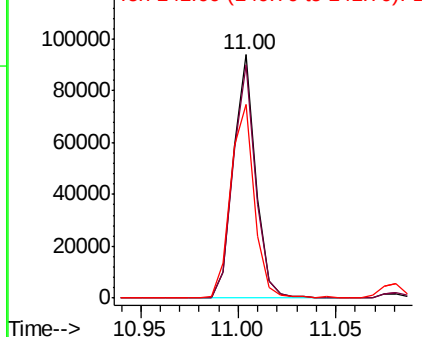
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

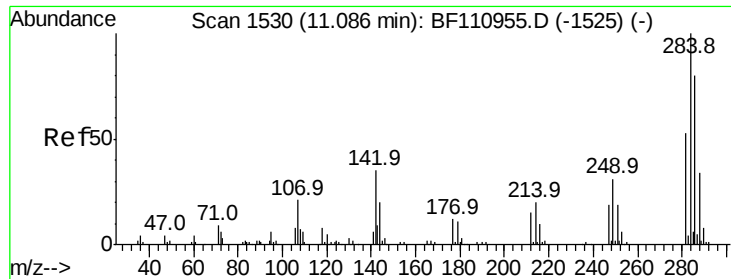


#67
 4-Bromophenyl-phenylether
 Concen: 37.991 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	79.4	119.2
141	79.7	55.9	83.9

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





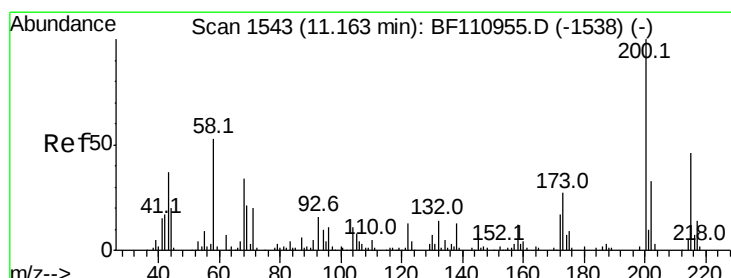
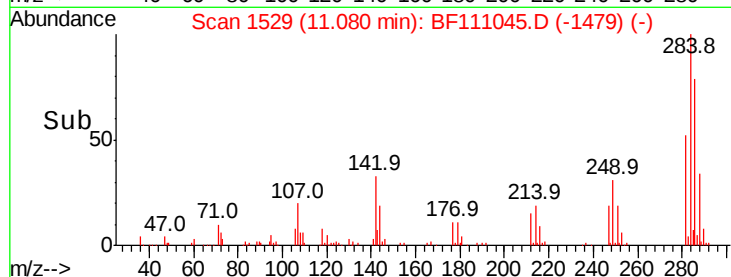
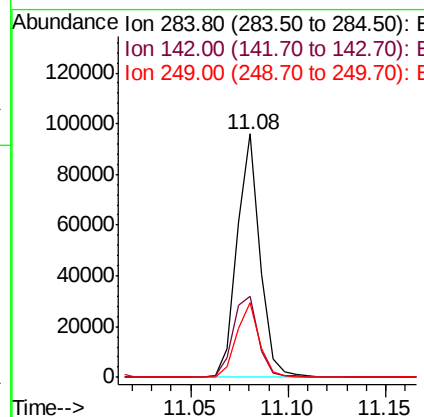
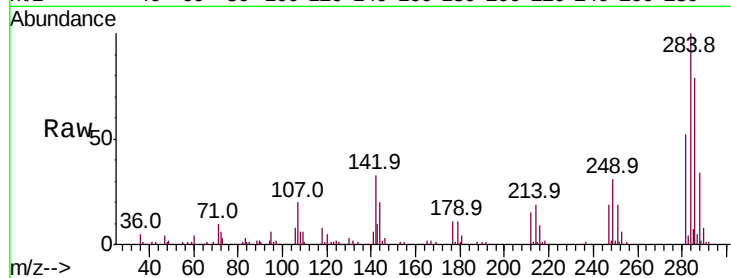
#68
Hexachlorobenzene
Concen: 37.212 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.3	23.9	35.9
249	30.6	24.2	36.2

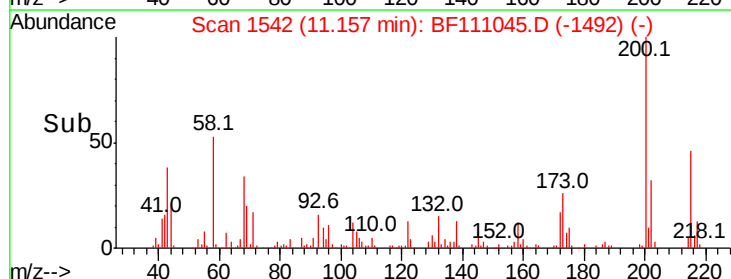
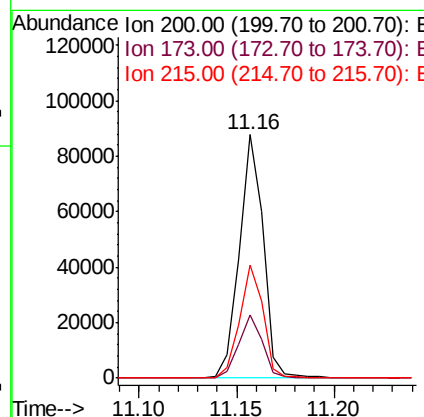
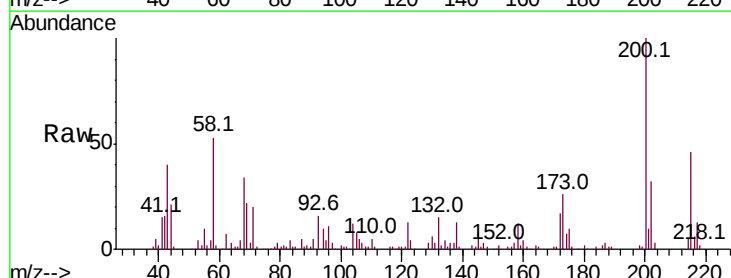
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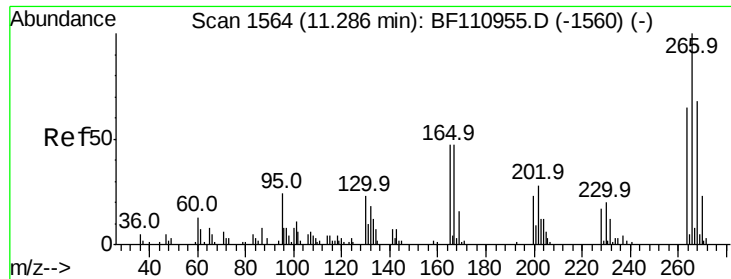
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#69
Atrazine
Concen: 49.301 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	46.3	26.3	66.3





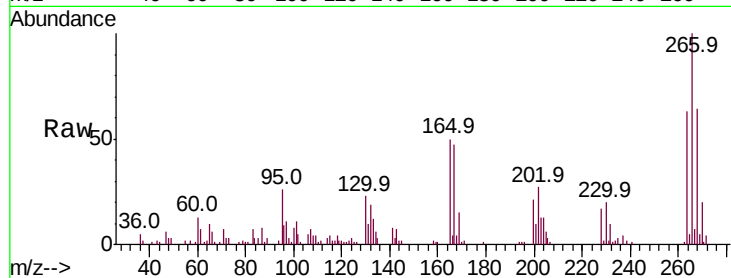
#70
Pentachlorophenol
 Concen: 67.574 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

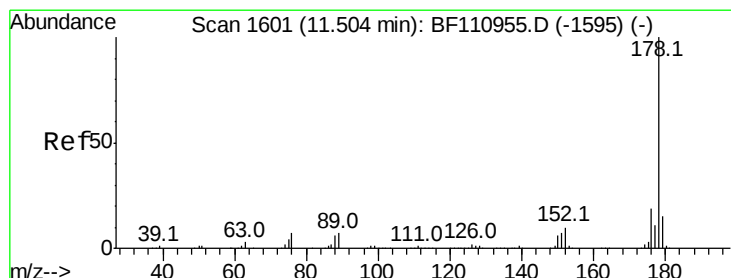
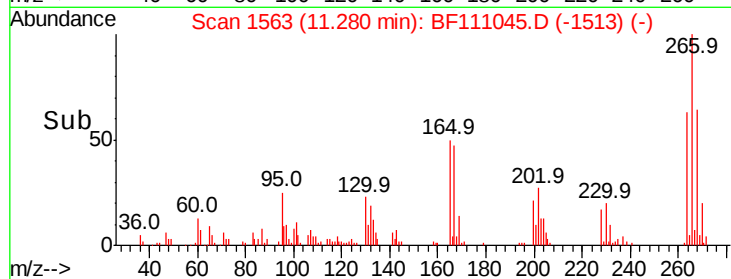
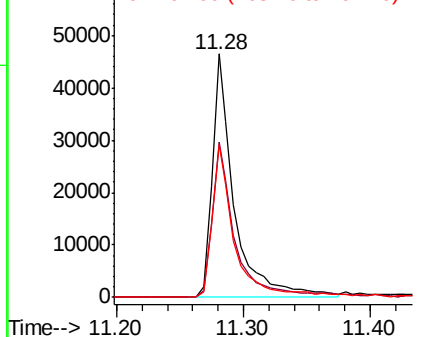
Tot Ion:	266	Resp:	56350
Ion Ratio		Lower	Upper
266	100		
268	63.7	50.6	75.8
264	63.0	50.6	75.8

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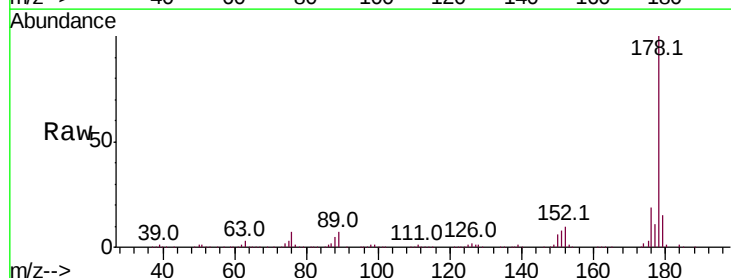


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

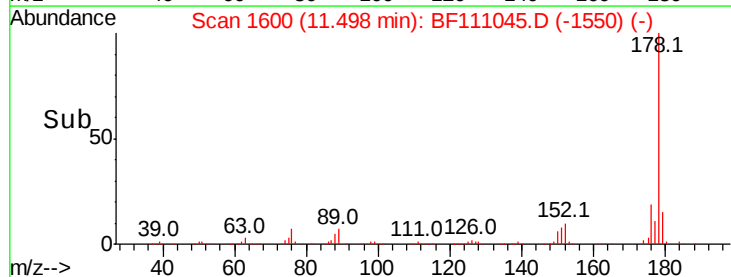
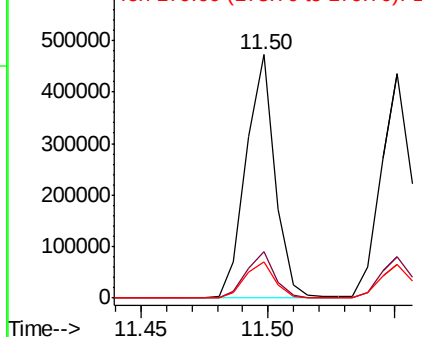


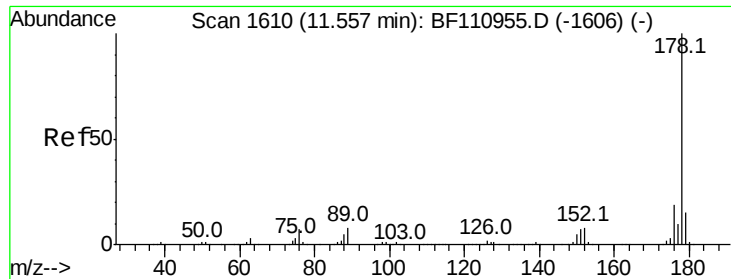
#71
Phenanthrene
 Concen: 39.378 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion:	178	Resp:	376836
Ion Ratio		Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.0	12.5	18.7



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





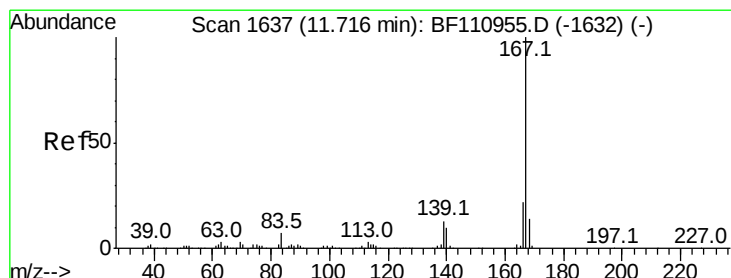
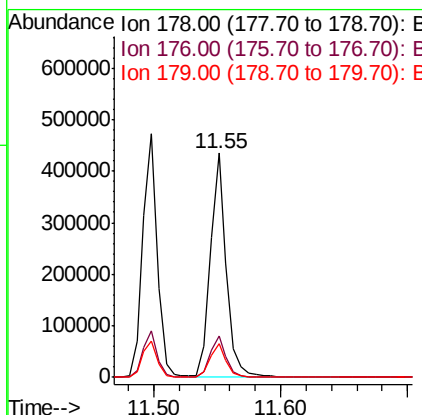
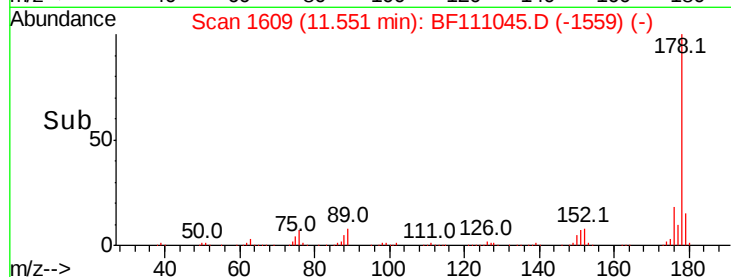
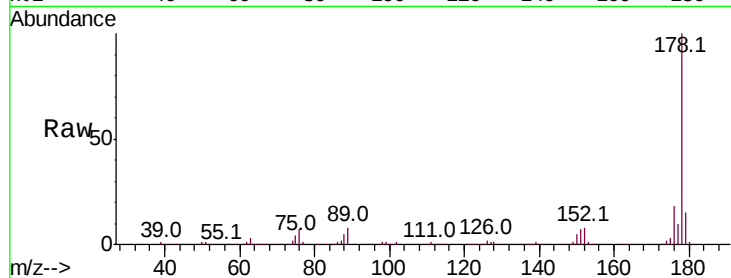
#72
 Anthracene
 Concen: 39.623 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.1	12.6	18.8

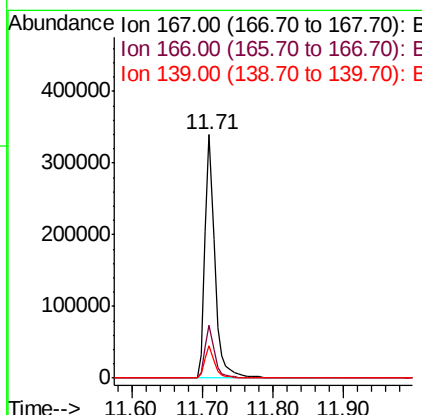
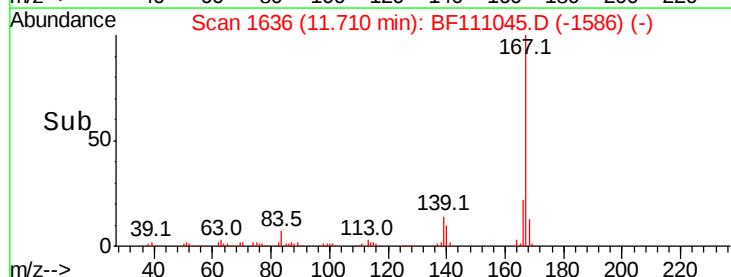
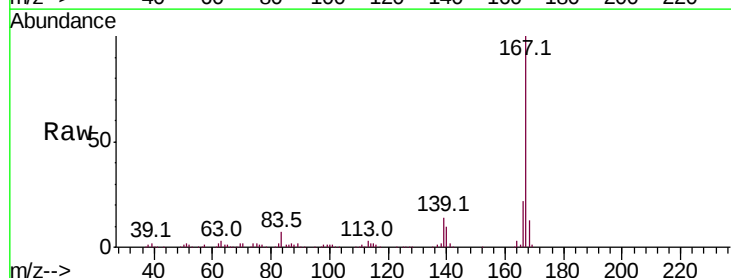
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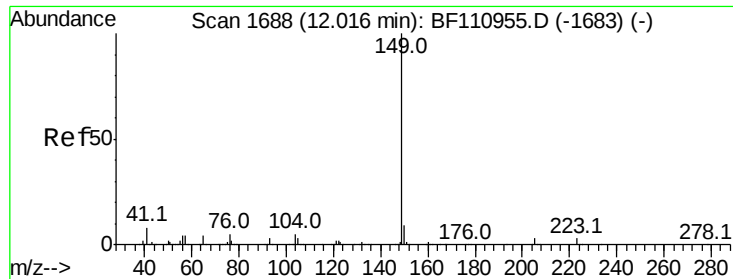
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#73
 Carbazole
 Concen: 35.033 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	13.5	10.9	16.3





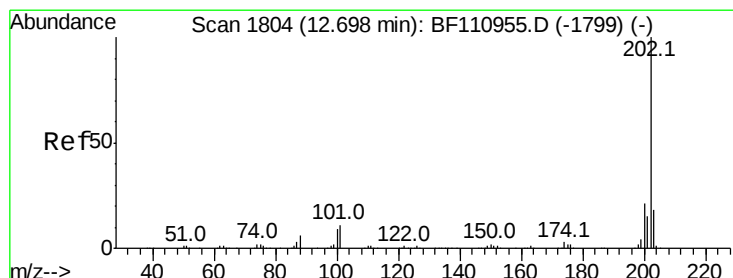
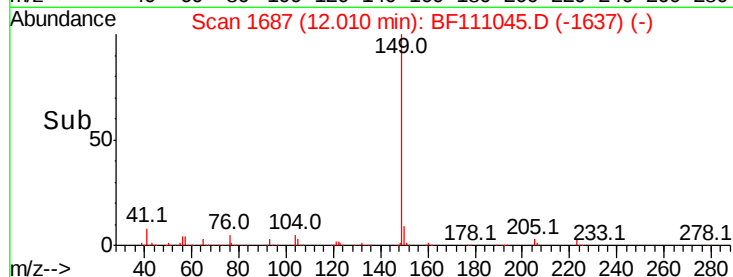
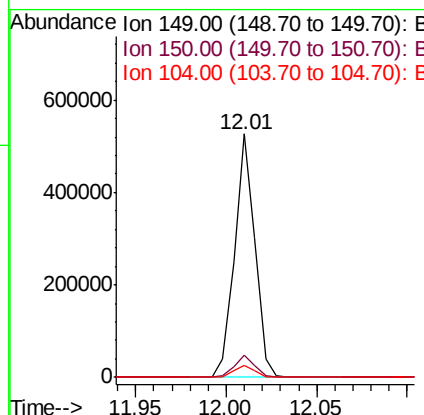
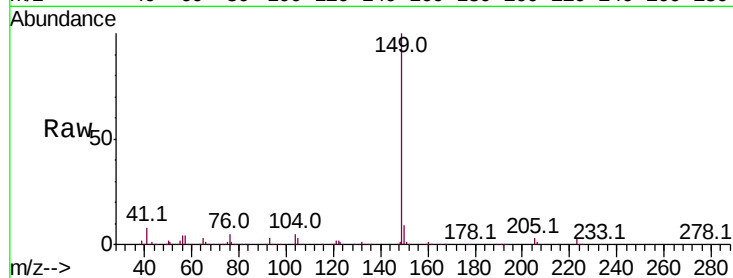
#74
Di-n-butylphthalate
Concen: 37.308 ng
RT: 12.01 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.7	11.5	
104	5.1	4.2	6.4	

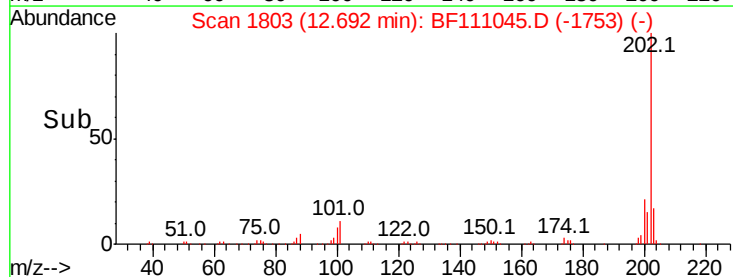
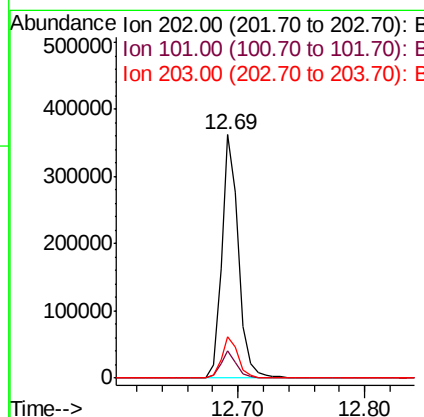
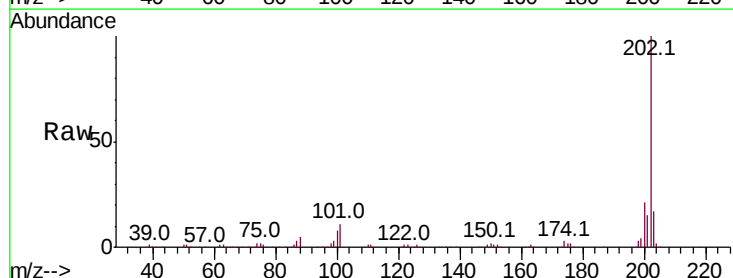
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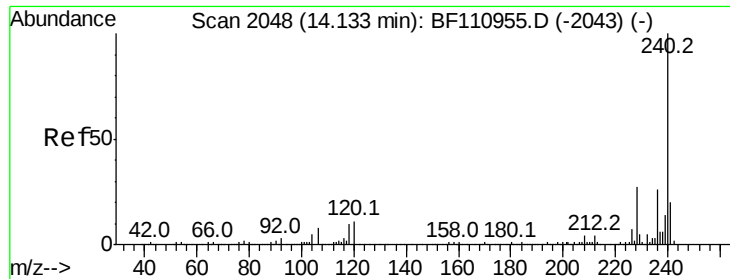
mohammad
11/29/2018 1:58:19 PM



#75
Fluoranthene
Concen: 33.938 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.0	0.0	31.4	
203	17.2	0.0	37.7	





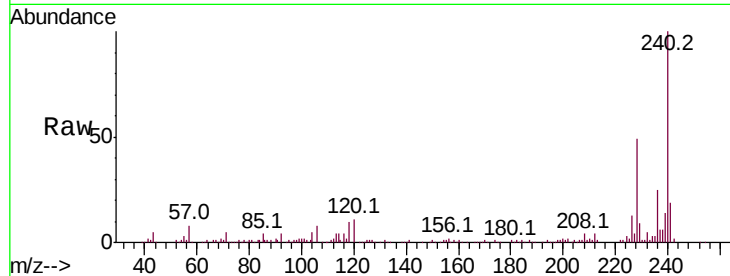
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

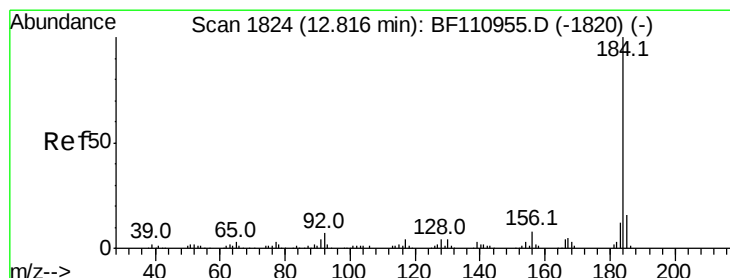
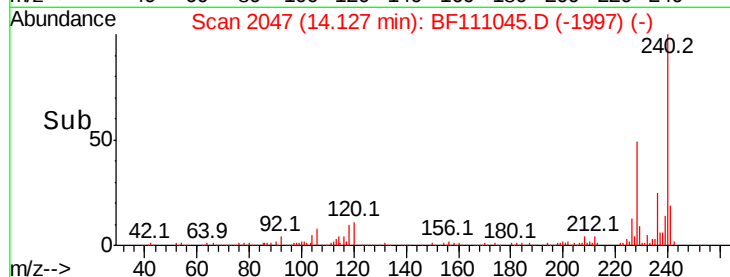
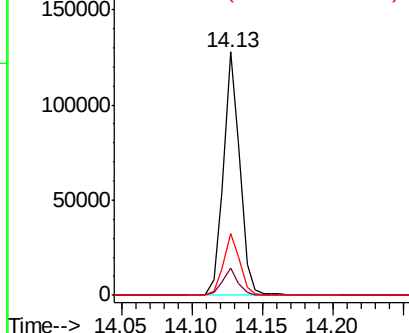
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	25.2	21.2	31.8

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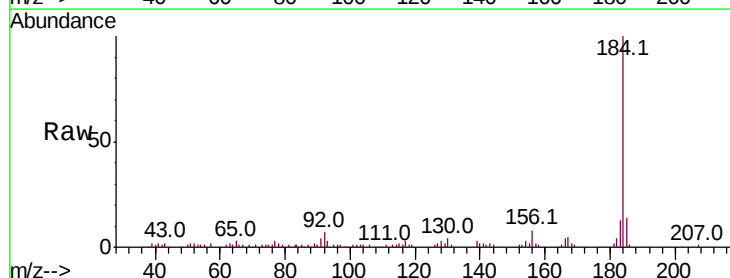


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

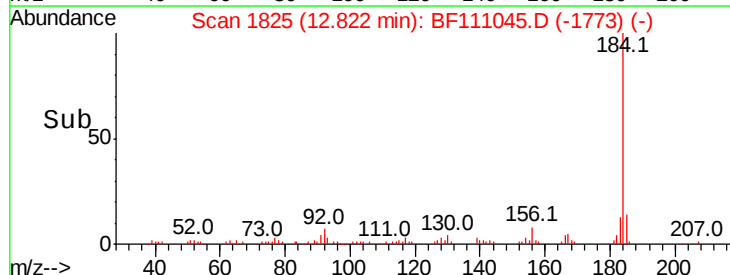
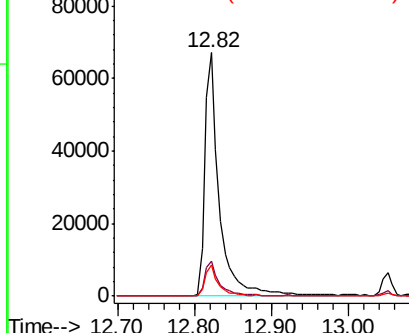


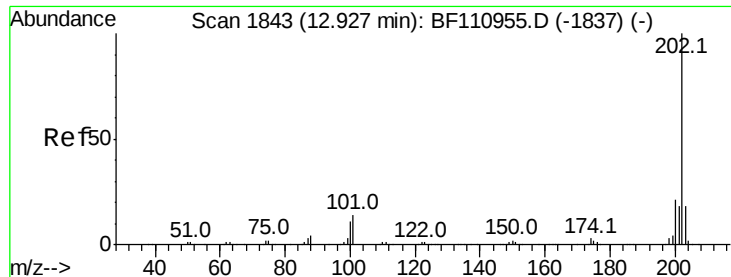
#77
Benzidine
Concen: 33.013 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.4	20.2
183	12.8	9.4	14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 43.485 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

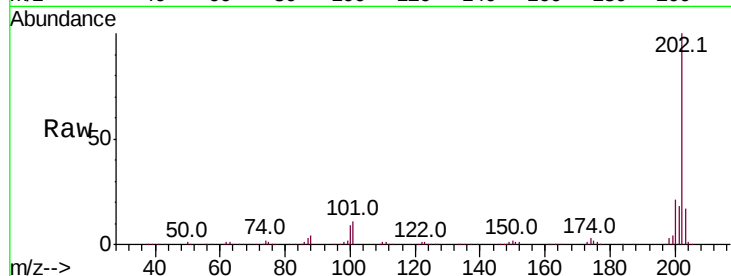
ClientSampleId :

USTS-1-2-3MSD

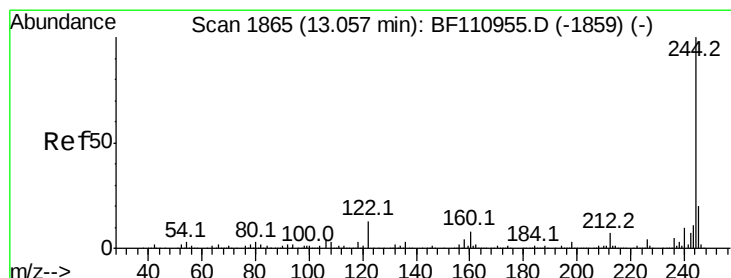
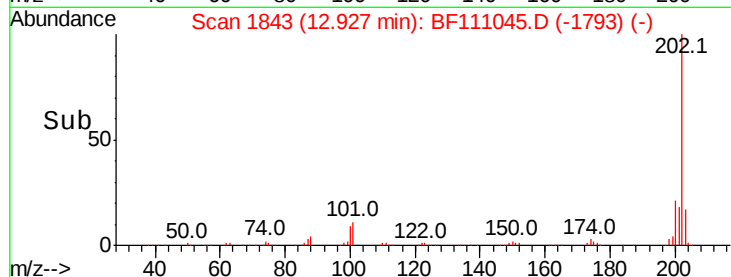
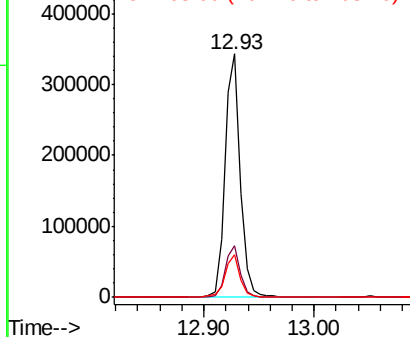
Tot Ion:	202	Resp:	329421
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.8	26.6
203	17.3	14.2	21.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 76.944 ng

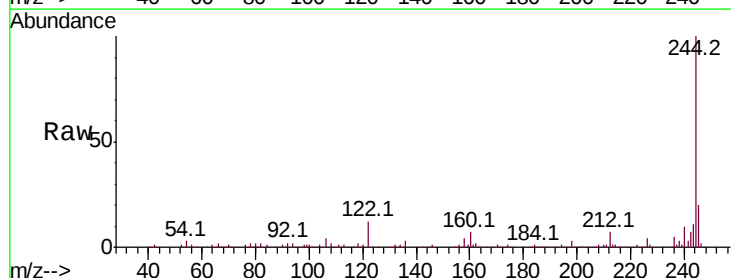
RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

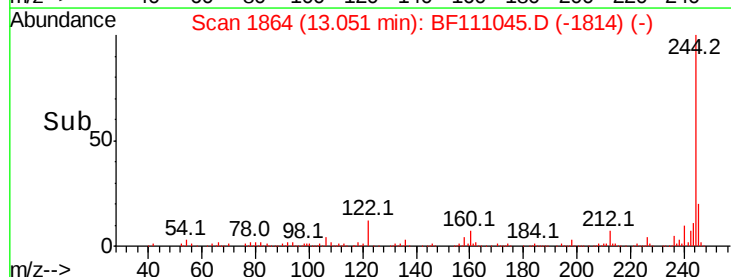
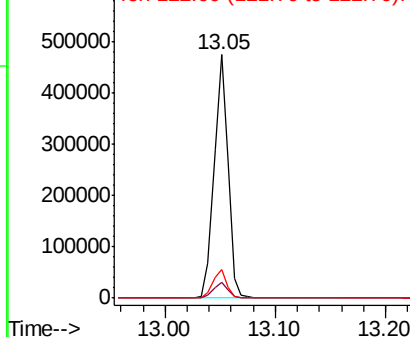
Lab File: BF111045.D

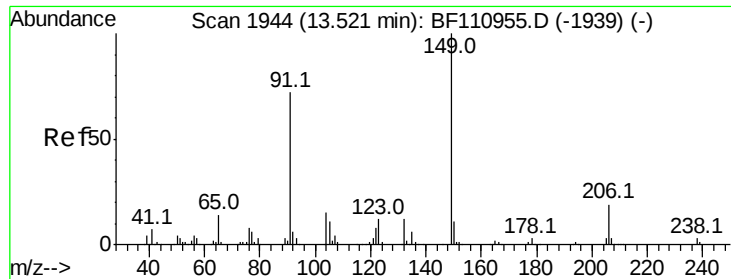
Acq: 28 Nov 2018 15:06

Tgt Ion:	244	Resp:	409972
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.8	8.8
122	11.5	8.7	13.1



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





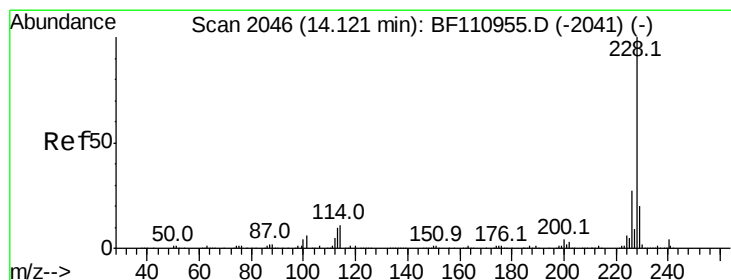
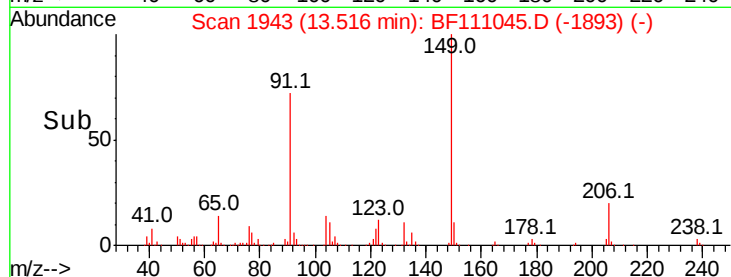
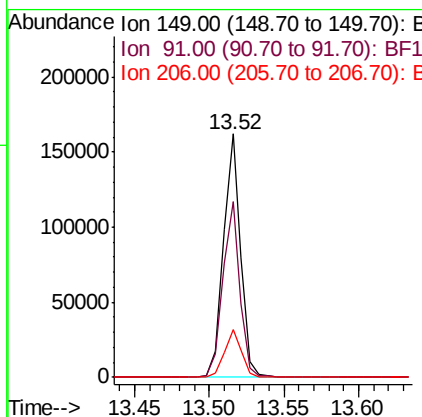
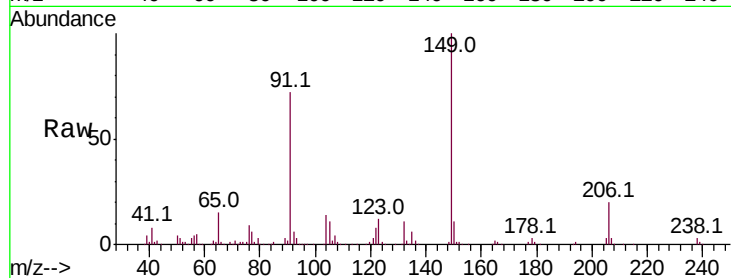
#80
Butylbenzylphthalate
Concen: 38.648 ng
RT: 13.52 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	132184		
91	72.4	57.2	85.8	
206	19.6	15.7	23.5	

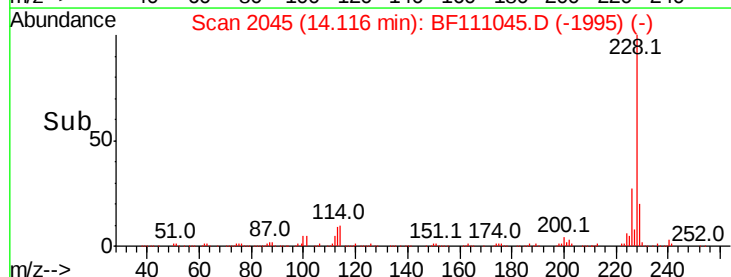
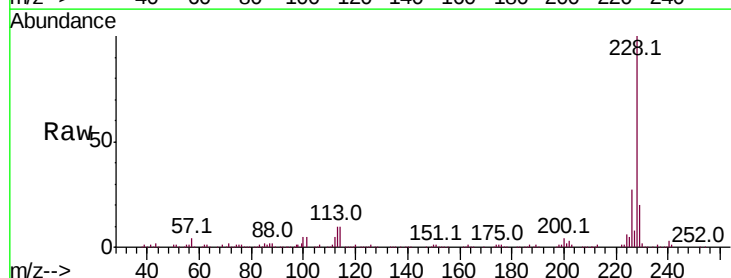
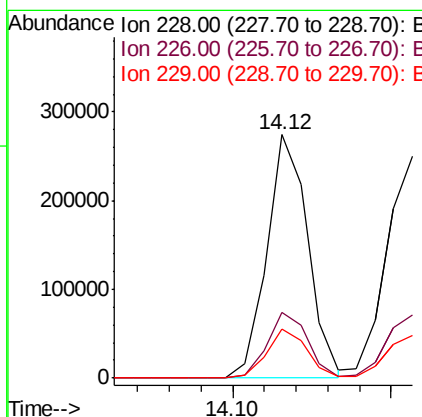
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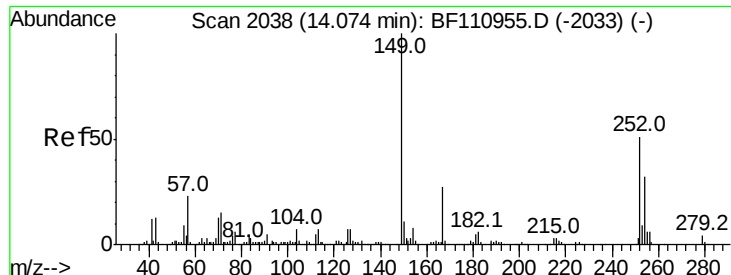
mohammad
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#81
Benzo(a)anthracene
Concen: 40.231 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	246355		
226	27.1	22.1	33.1	
229	20.0	15.6	23.4	





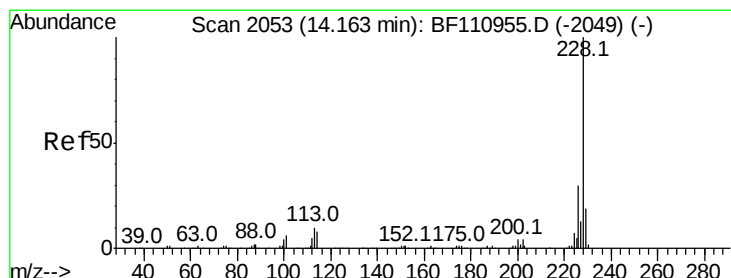
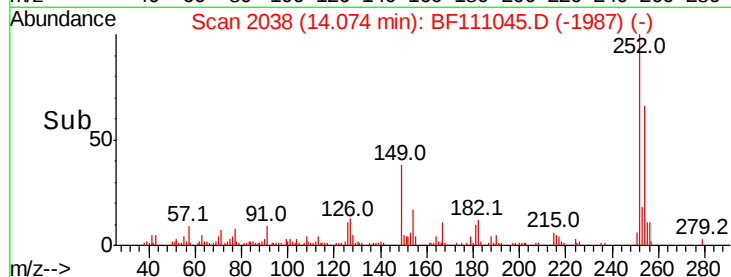
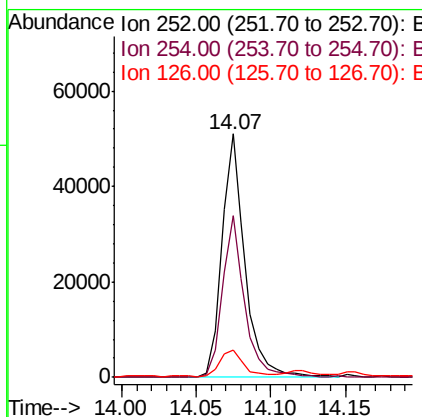
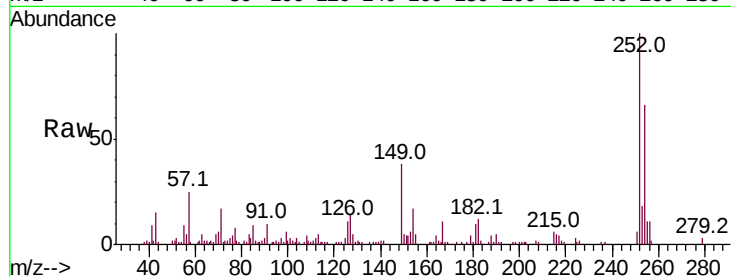
#82
 3,3'-Dichlorobenzidine
 Concen: 26.285 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.3	76.9
126	11.3	9.4	14.2

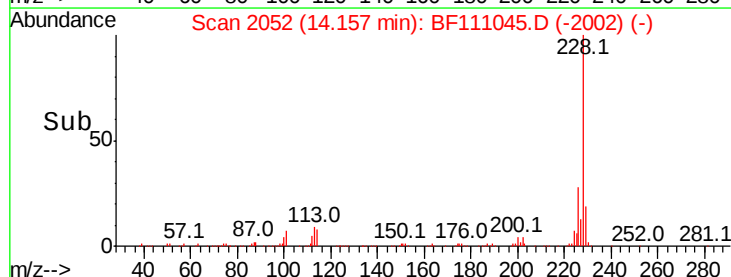
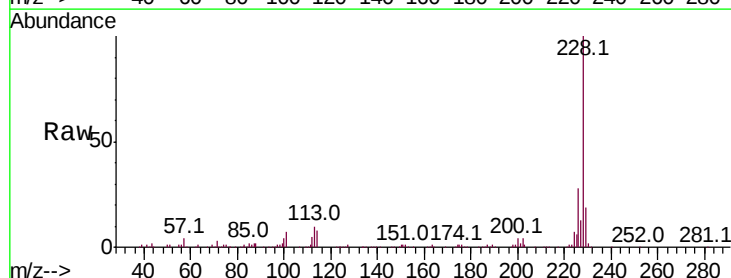
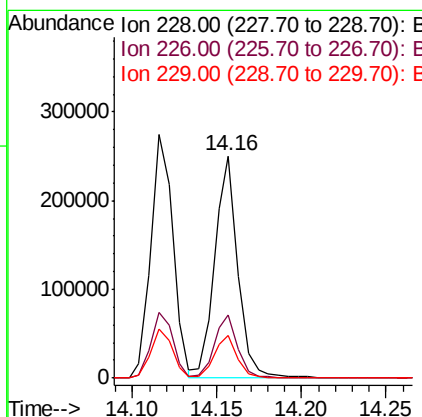
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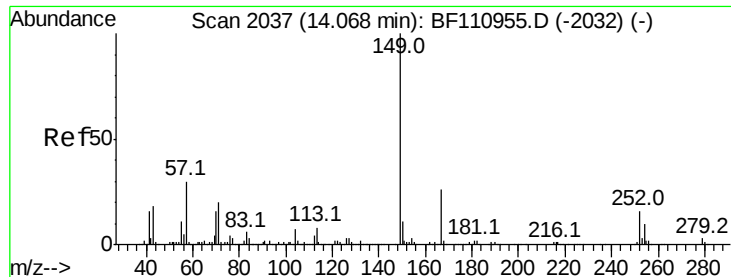
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#83
 Chrysene
 Concen: 39.522 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.7	37.1
229	19.1	15.9	23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 38.179 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Instrument :

BNA_F

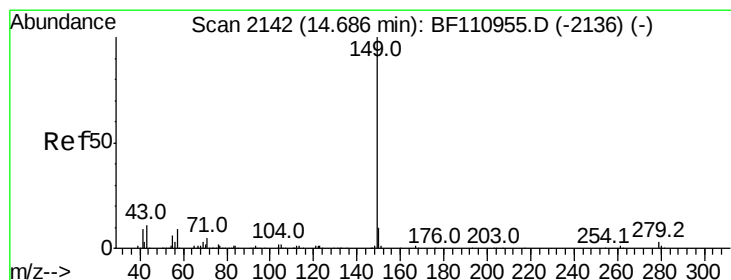
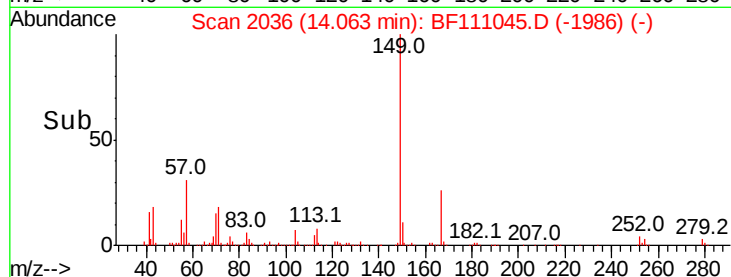
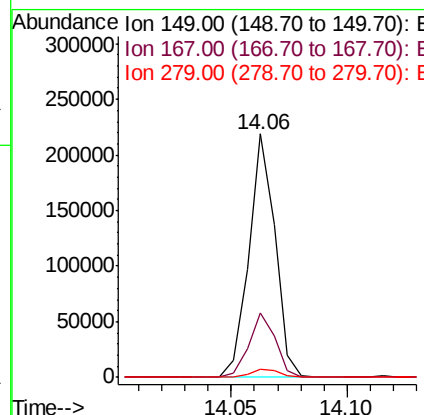
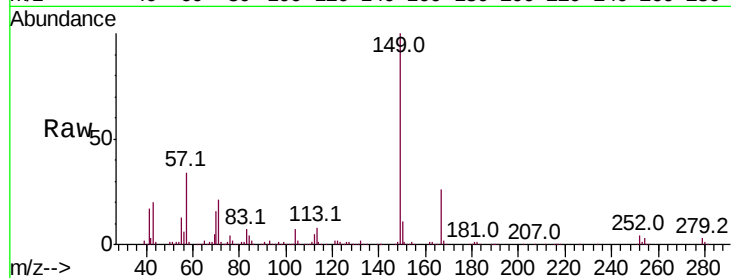
ClientSampleId :

USTS-1-2-3MSD

Tot Ion:	149	Resp:	173995
Ion Ratio	Lower	Upper	
149	100		
167	26.2	19.8	29.8
279	3.3	2.7	4.1

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#85

Di-n-octyl phthalate

Concen: 41.088 ng

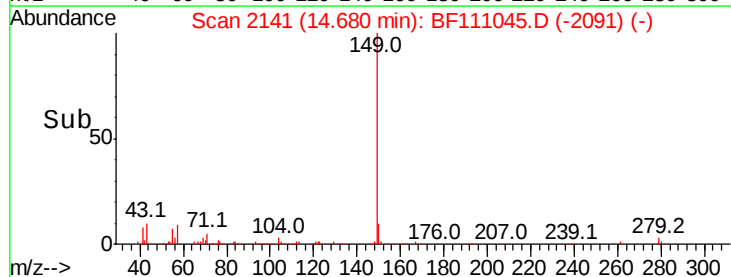
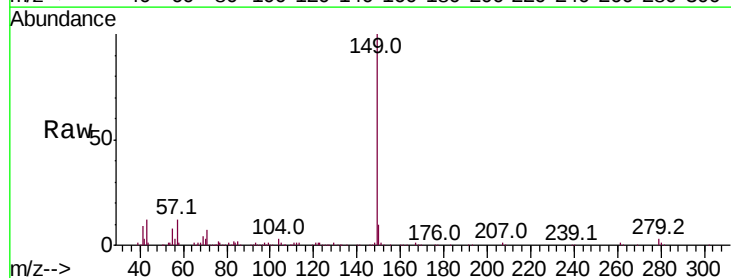
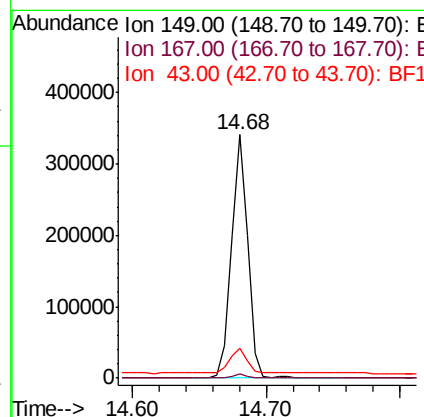
RT: 14.68 min Scan# 2141

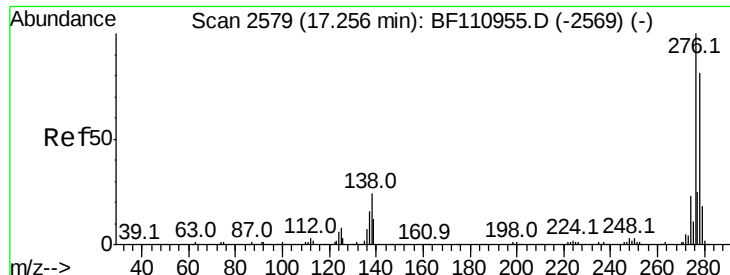
Delta R.T. -0.01 min

Lab File: BF111045.D

Acq: 28 Nov 2018 15:06

Tgt Ion:	149	Resp:	295584
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	10.4	7.8	11.8





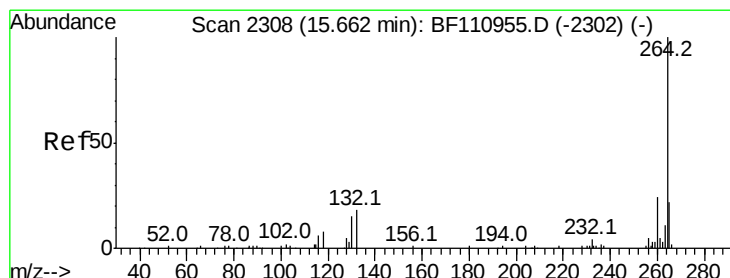
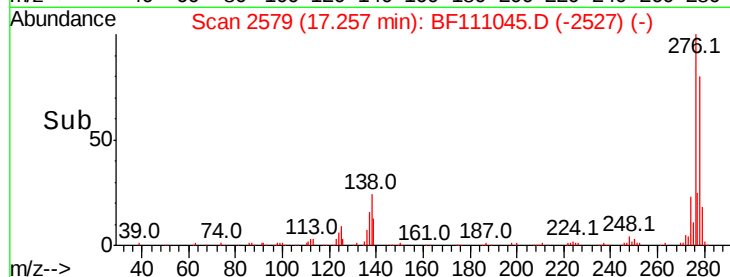
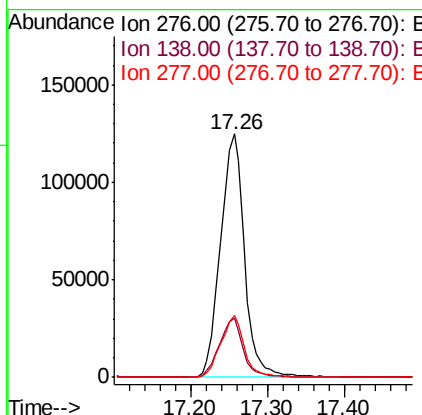
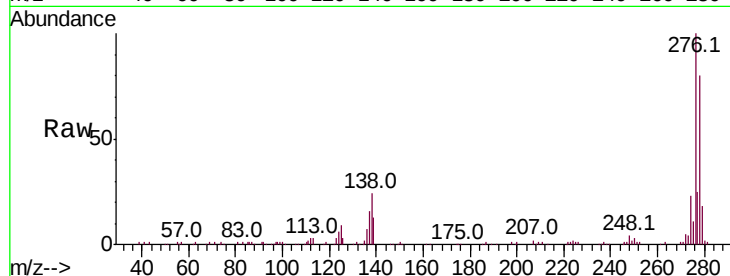
#86
Indeno(1,2,3-cd)pyrene
Concen: 62.651 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.5	27.7
277	24.9	20.0	30.0

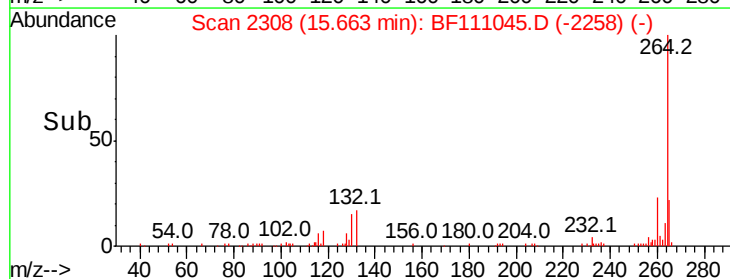
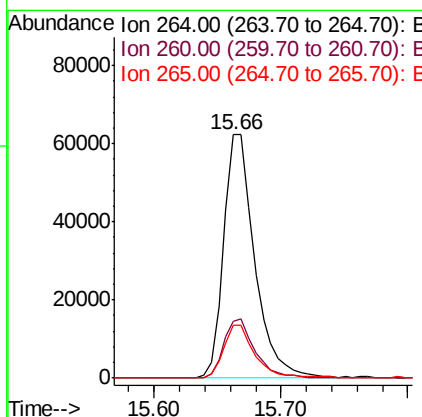
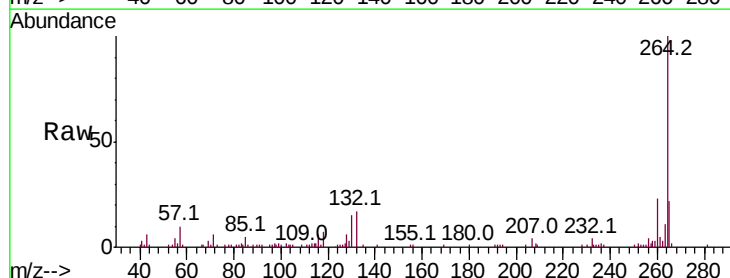
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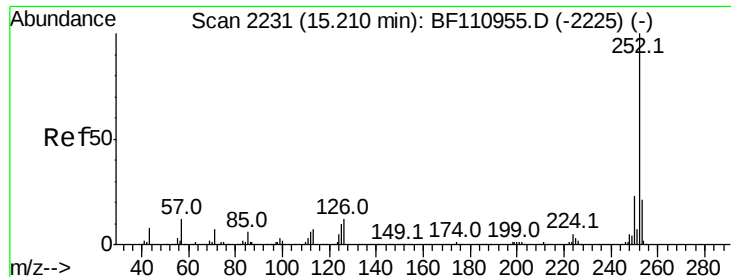
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.9	16.7	25.1





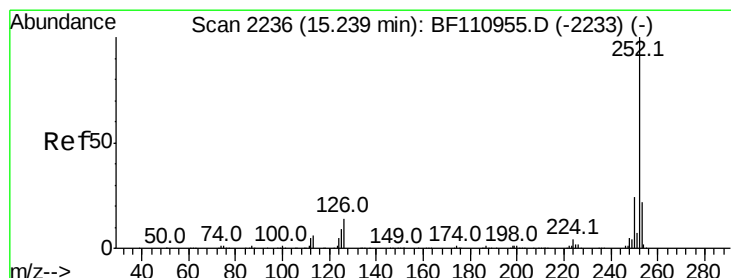
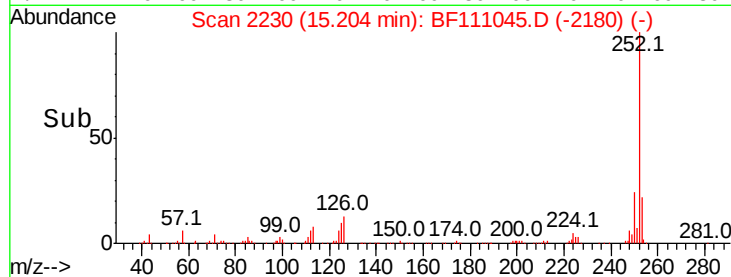
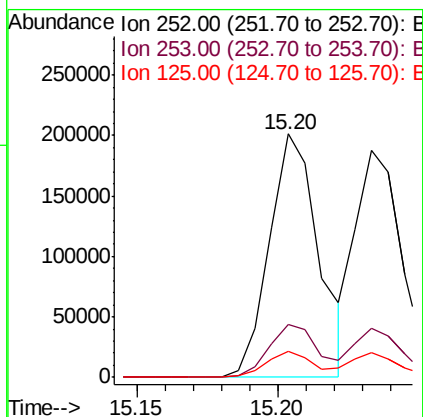
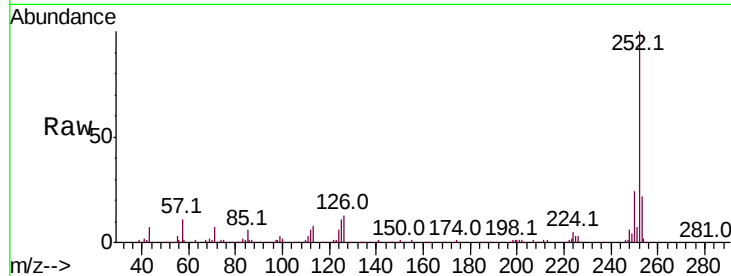
#88
Benzo(b)fluoranthene
Concen: 39.427 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.6	8.2	12.4

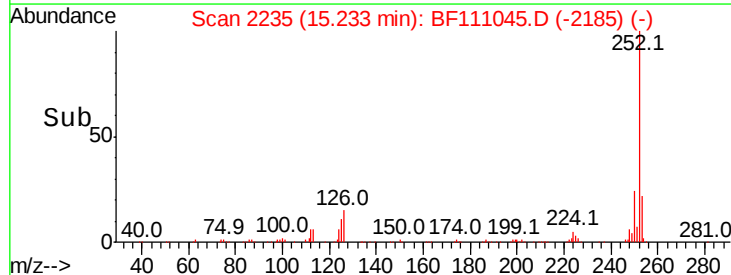
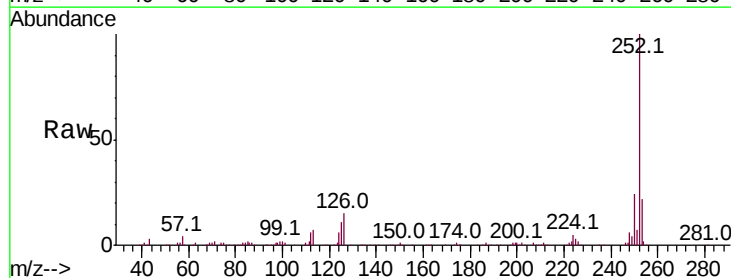
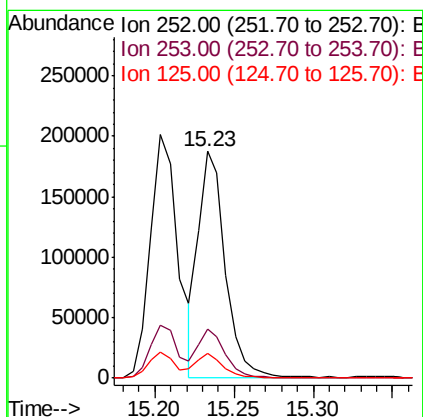
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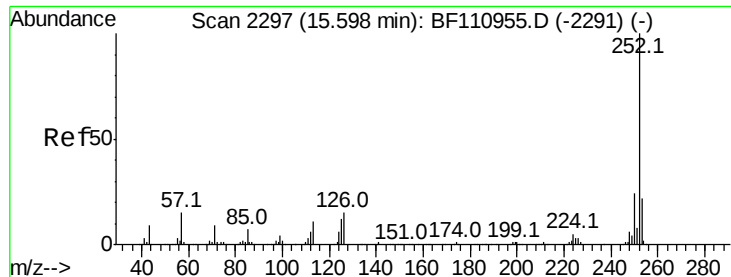
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#89
Benzo(k)fluoranthene
Concen: 34.663 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.8	7.4	11.0





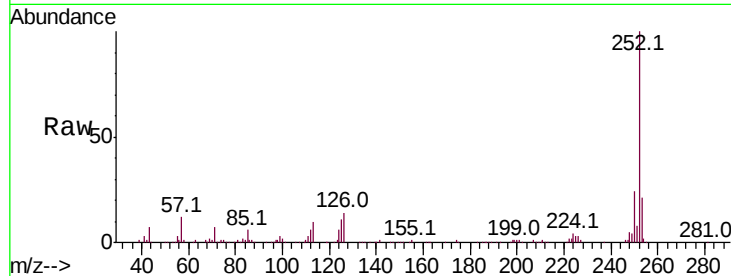
#90
Benzo(a)pyrene
Concen: 40.885 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

Instrument :
BNA_F
ClientSampleId :
USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	11.2	9.0	13.6

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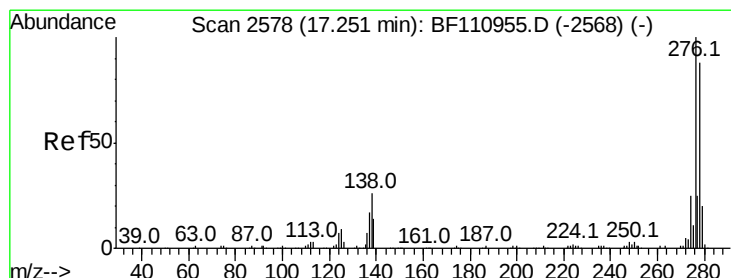
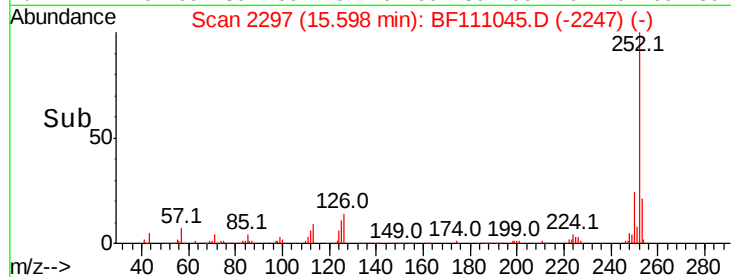
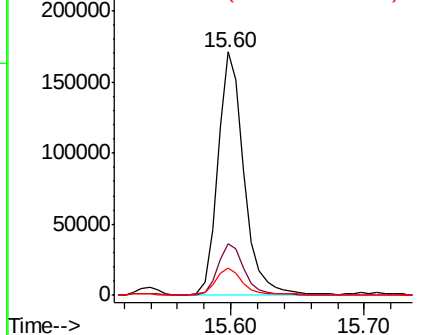


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 47.536 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF111045.D
Acq: 28 Nov 2018 15:06

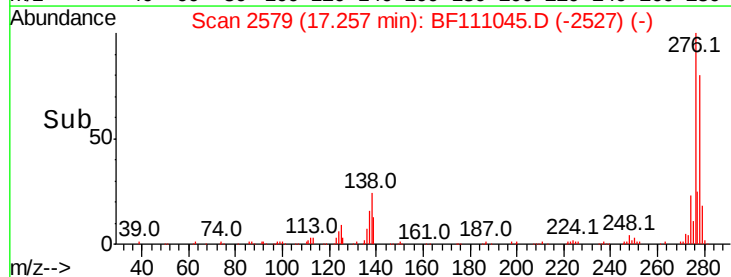
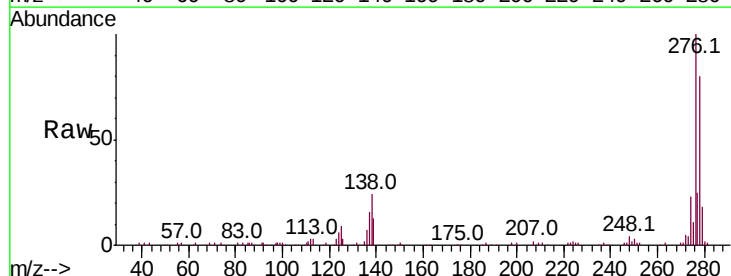
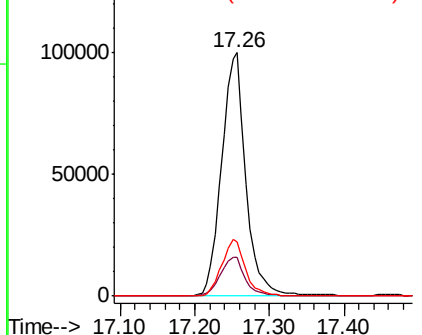
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	22.5	19.0	28.4

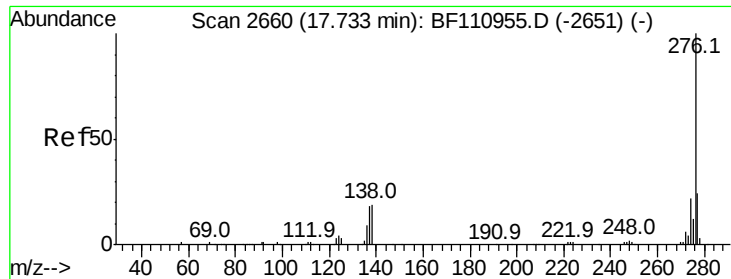
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 47.450 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. 0.00 min
 Lab File: BF111045.D
 Acq: 28 Nov 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 USTS-1-2-3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	20.7	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 11/29/2018 1:58:19 PM

