

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114089.D
 Acq On : 2 May 2019 17:24
 Operator : JU/SJ
 Sample : K2652-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MS

Manual Integrations
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Sohil
 5/3/2019 4:33:02 PM

Quant Time: May 03 04:12:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	69325	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	241244	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	130718	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	301669	20.00	ng	0.00
76) Chrysene-d12	14.06	240	188410	20.00	ng	0.00
87) Perylene-d12	15.57	264	203392	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	566441	139.75	ng	0.00
7) Phenol-d6	6.53	99	719332	141.45	ng	0.00
23) Nitrobenzene-d5	7.45	82	405344	103.74	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	272342	171.02	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	821744	98.32	ng	-0.01
79) Terphenyl-d14	12.99	244	964250	104.92	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	66071	34.580	ng	96
3) Pyridine	3.43	79	207096	39.710	ng	98
4) n-Nitrosodimethylamine	3.36	42	72964	40.870	ng	95
6) Aniline	6.55	93	190308	27.253	ng	100
8) 2-Chlorophenol	6.68	128	202227	43.700	ng	95
9) Benzaldehyde	6.43	77	39752	9.202	ng	94
10) Phenol	6.54	94	284107	46.722	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	208689	45.606	ng	96
12) 1,3-Dichlorobenzene	6.83	146	222738	42.499	ng	96
13) 1,4-Dichlorobenzene	6.90	146	222439	42.196	ng	98
14) 1,2-Dichlorobenzene	7.06	146	211539	43.664	ng	98
15) Benzyl Alcohol	7.03	79	181266	52.925	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	201684	37.757	ng	95
17) 2-Methylphenol	7.14	107	165999	40.923	ng	97
18) Hexachloroethane	7.40	117	73597	39.827	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	138057	41.922	ng	100
20) 3+4-Methylphenols	7.29	107	202933	44.280	ng	# 64
22) Acetophenone	7.29	105	275707	51.357	ng	# 93
24) Nitrobenzene	7.47	77	204661	47.405	ng	95
25) Isophorone	7.70	82	361321	45.195	ng	97
26) 2-Nitrophenol	7.79	139	100416	50.984	ng	99
27) 2,4-Dimethylphenol	7.82	122	168181	52.410	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	229105	44.972	ng	98
29) 2,4-Dichlorophenol	8.03	162	175749	47.894	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	190573	46.577	ng	100
31) Naphthalene	8.19	128	553615	48.307	ng	99
32) Benzoic acid	7.89	122	8235m	3.800	ng	
33) 4-Chloroaniline	8.24	127	112753	23.252	ng	96
34) Hexachlorobutadiene	8.31	225	111953	43.892	ng	99
35) Caprolactam	8.59	113	51534	44.148	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	171851	47.271	ng	97
37) 2-Methylnaphthalene	8.89	142	378689	49.001	ng	99
38) 1-Methylnaphthalene	8.99	142	353750	47.426	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	191628	45.130	ng	99

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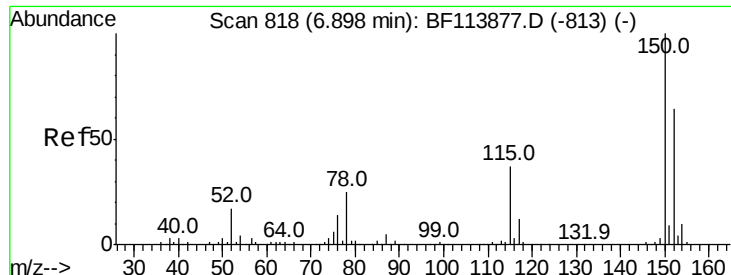
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 5/3/2019 4:33:02 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	101234	42.754	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	130204	48.290	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	138103	45.665	ng	95
46) 1,1'-Biphenyl	9.35	154	476419	47.709	ng	99
47) 2-Chloronaphthalene	9.37	162	374258	46.087	ng	99
48) 2-Nitroaniline	9.46	65	106824	50.180	ng	97
49) Acenaphthylene	9.79	152	584761	45.997	ng	98
50) Dimethylphthalate	9.65	163	525291	55.564	ng	99
51) 2,6-Dinitrotoluene	9.70	165	99258	48.939	ng	95
52) Acenaphthene	9.96	154	335588	44.666	ng	96
53) 3-Nitroaniline	9.87	138	79553	37.327	ng	91
54) 2,4-Dinitrophenol	9.99	184	8631	17.132	ng	# 6
55) Dibenzofuran	10.13	168	535176	47.553	ng	99
56) 4-Nitrophenol	10.04	139	142737	84.586	ng	95
57) 2,4-Dinitrotoluene	10.11	165	134743	52.634	ng	99
58) Fluorene	10.47	166	419580	49.519	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	120872	45.480	ng	99
60) Diethylphthalate	10.34	149	427924	47.666	ng	97
61) 4-Chlorophenyl-phenylether	10.46	204	215569	48.040	ng	98
62) 4-Nitroaniline	10.49	138	99625	47.901	ng	99
63) Azobenzene	10.62	77	452502	52.006	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	26040	23.274	ng	96
66) n-Nitrosodiphenylamine	10.58	169	429599	47.461	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	148577	40.770	ng	94
68) Hexachlorobenzene	11.03	284	176072	43.966	ng	100
69) Atrazine	11.10	200	131002	44.490	ng	99
70) Pentachlorophenol	11.22	266	146172	64.467	ng	97
71) Phenanthrene	11.44	178	698718	46.088	ng	99
72) Anthracene	11.49	178	728287	47.570	ng	99
73) Carbazole	11.64	167	654295	47.904	ng	99
74) Di-n-butylphthalate	11.97	149	710644	44.230	ng	99
75) Fluoranthene	12.63	202	661441	39.989	ng	97
77) Benzidine	12.74	184	193126	34.402	ng	97
78) Pyrene	12.86	202	652742	49.541	ng	97
80) Butylbenzylphthalate	13.46	149	277129	53.459	ng	96
81) Benzo(a)anthracene	14.05	228	537019	48.377	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	150335	36.949	ng	98
83) Chrysene	14.09	228	527646	48.806	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	392640	59.530	ng	98
85) Di-n-octyl phthalate	14.67	149	609309	59.020	ng	97
86) Indeno(1,2,3-cd)pyrene	17.07	276	742062	72.463	ng	98
88) Benzo(b)fluoranthene	15.13	252	533928	41.491	ng	99
89) Benzo(k)fluoranthene	15.16	252	511361	46.197	ng	98
90) Benzo(a)pyrene	15.50	252	522026	46.900	ng	100
91) Dibenzo(a,h)anthracene	17.09	278	633135	60.596	ng	100
92) Benzo(g,h,i)perylene	17.52	276	575142	54.545	ng	98

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



#1

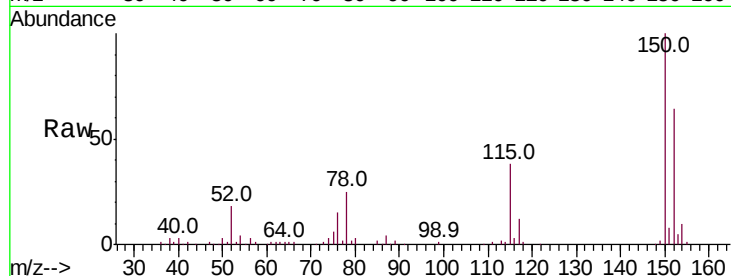
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.9	188.9
115	59.8	45.9	68.9

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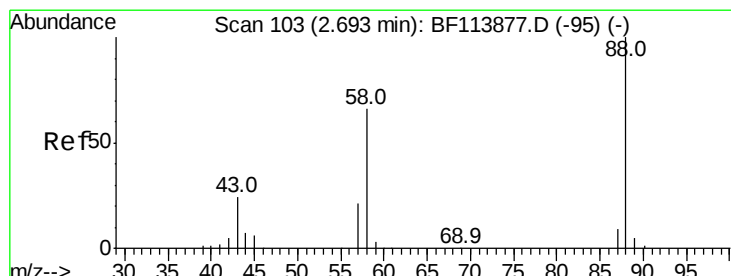
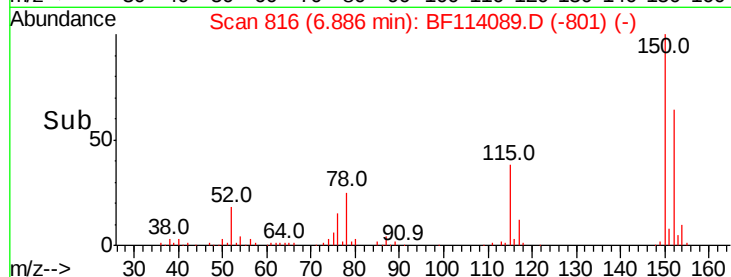
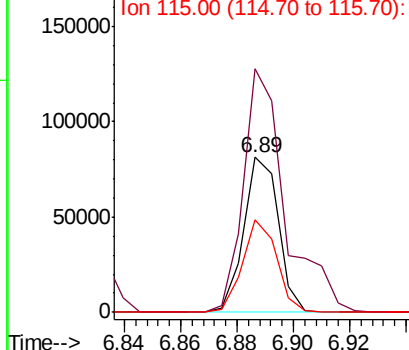


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

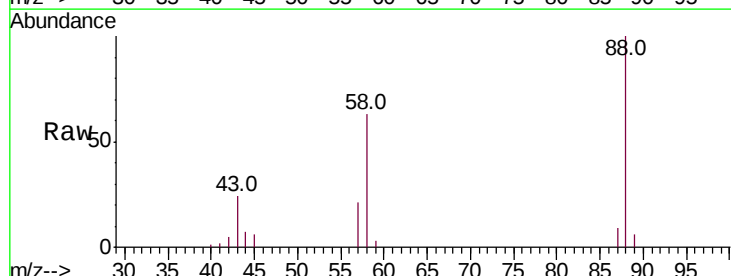
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 34.580 ng
 RT: 2.66 min Scan# 97
 Delta R.T. -0.04 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.5	53.3	79.9
43	24.7	19.0	28.4

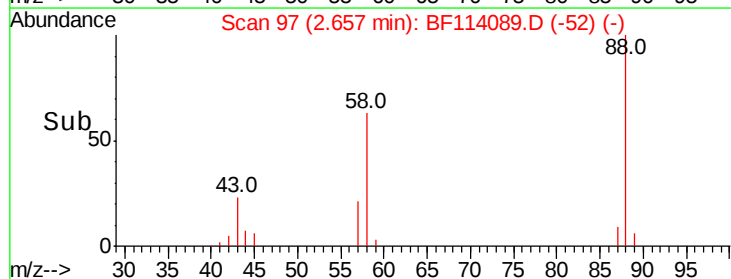
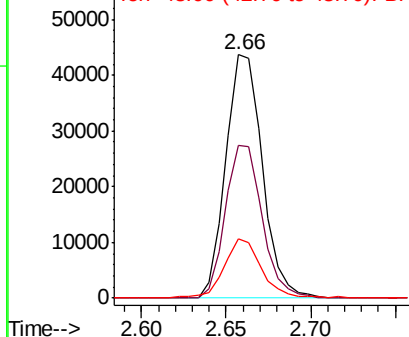


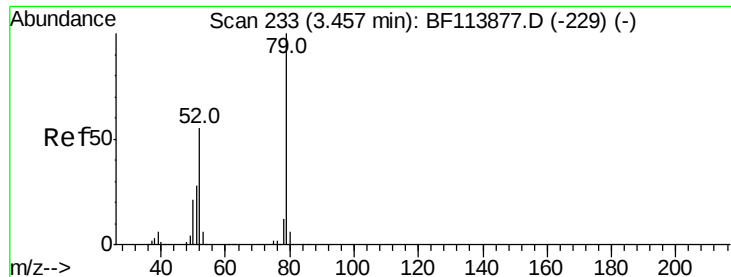
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





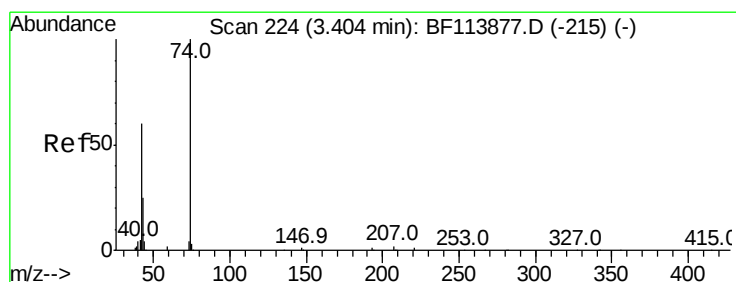
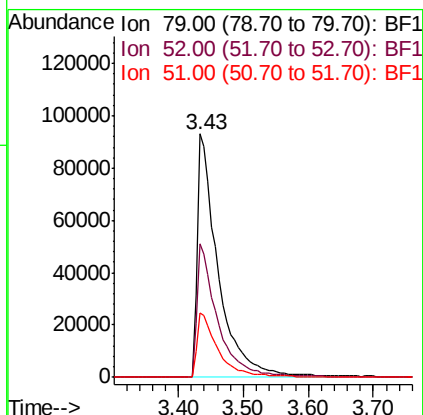
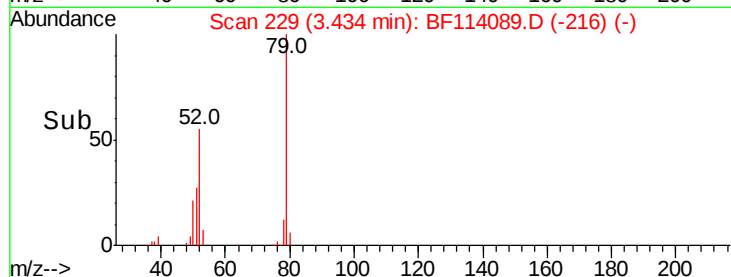
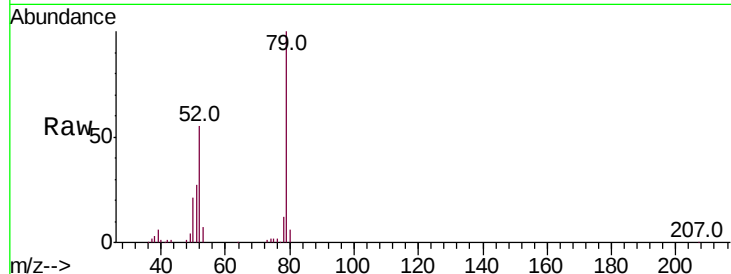
#3
 Pvridine
 Concen: 39.710 ng
 RT: 3.43 min Scan# 229
 Delta R.T. -0.02 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	54.6	45.3	67.9
51	26.6	22.1	33.1

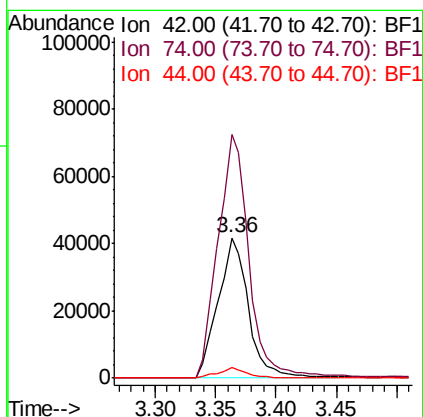
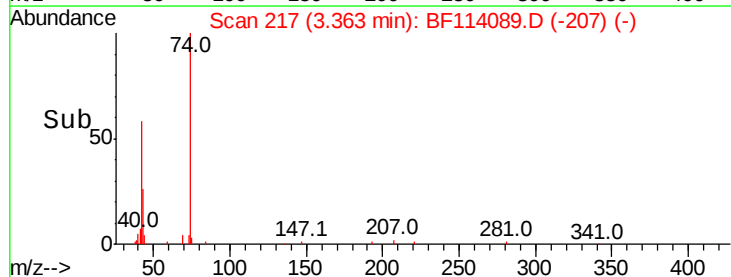
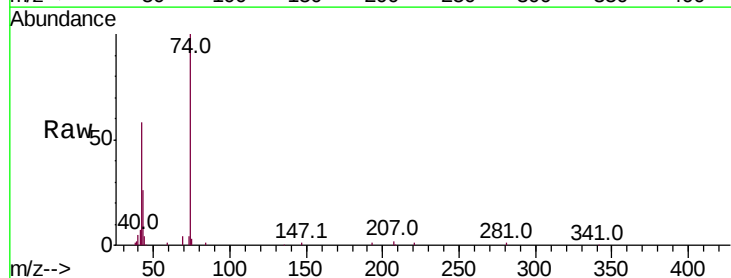
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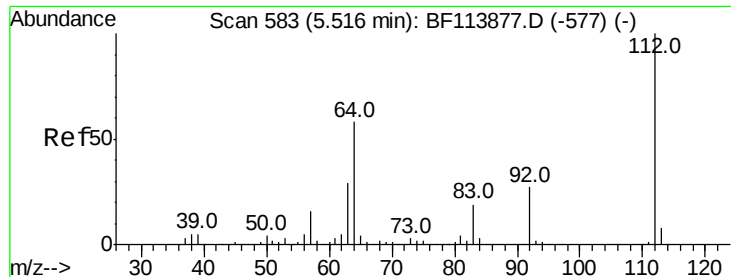
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#4
 n-Nitrosodimethylamine
 Concen: 40.870 ng
 RT: 3.36 min Scan# 217
 Delta R.T. -0.04 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	173.3	132.6	198.8
44	7.4	5.8	8.8





#5

2-Fluorophenol

Concen: 139.750 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

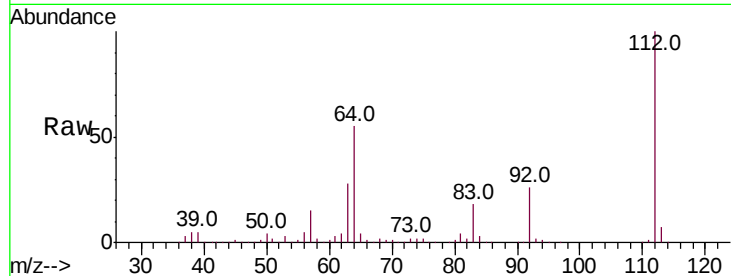
ClientSampleId :

DRUM-1-4MS

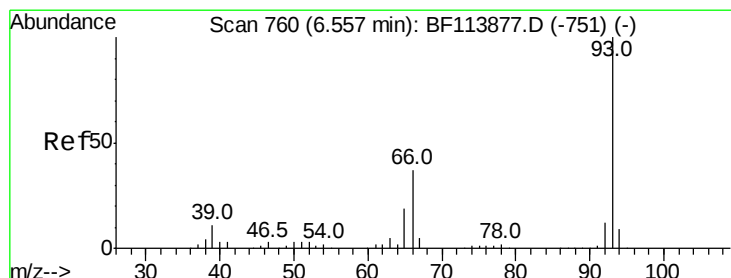
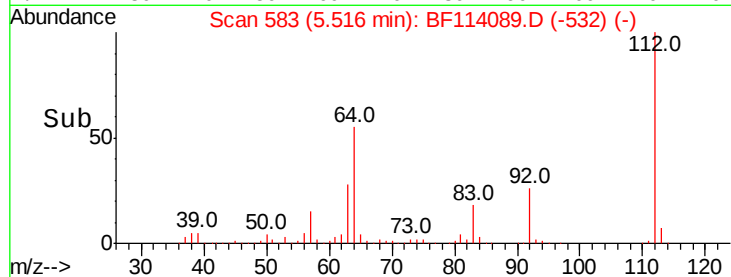
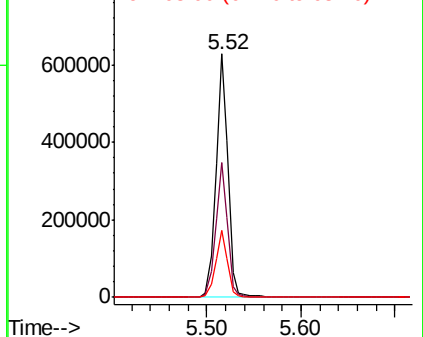
Tot Ion:	112	Resp:	566441
Ion Ratio	Lower	Upper	
112	100		
64	55.3	46.6	69.8
63	27.6	23.1	34.7

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.253 ng

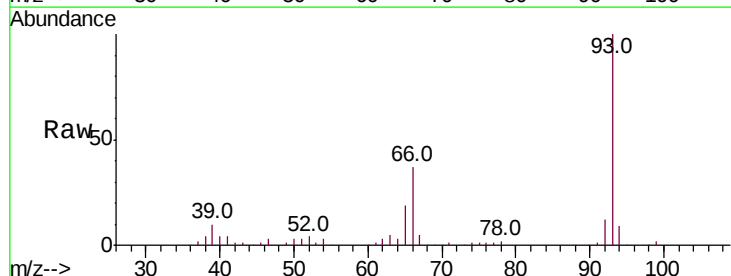
RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

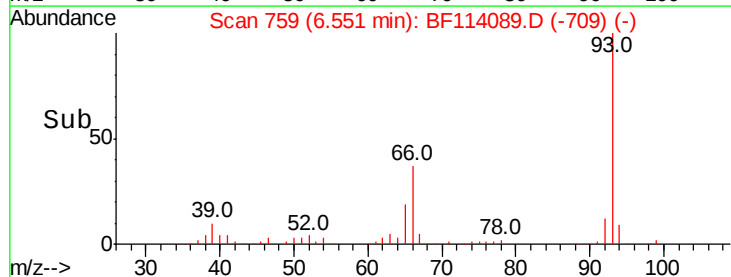
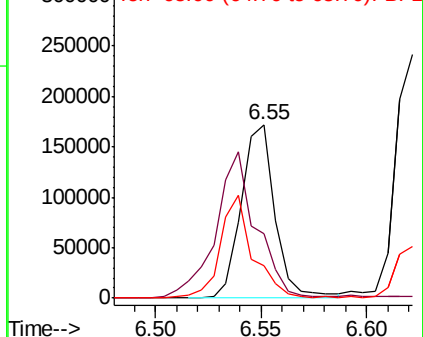
Lab File: BF114089.D

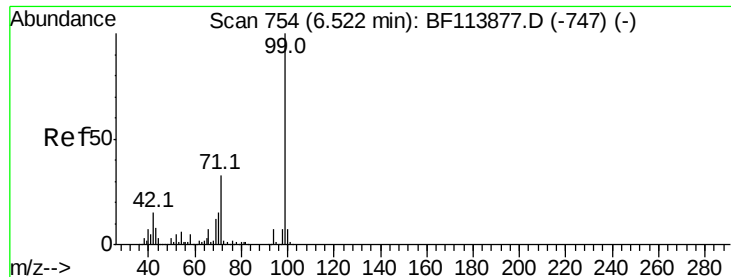
Acq: 2 May 2019 17:24

Tgt Ion:	93	Resp:	190308
Ion Ratio	Lower	Upper	
93	100		
66	37.3	29.8	44.6
65	18.6	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 141.454 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

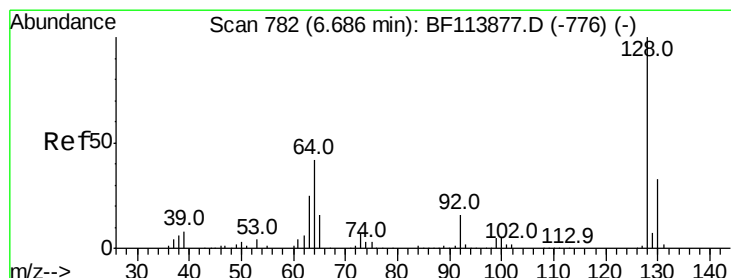
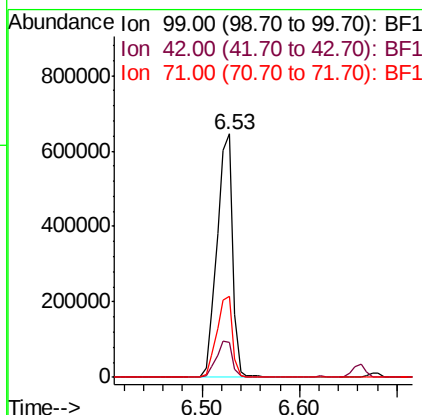
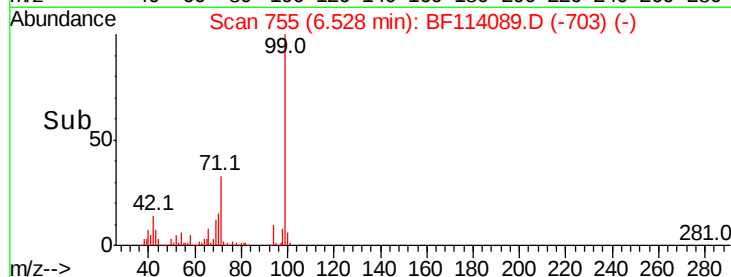
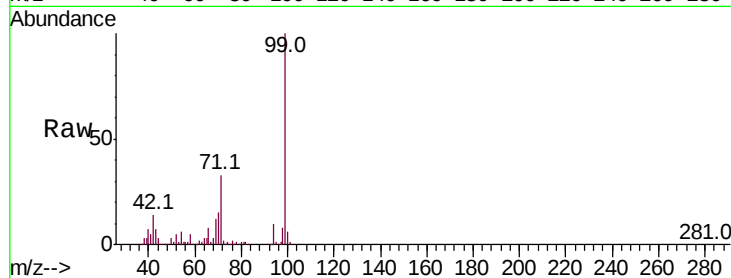
ClientSampleId :

DRUM-1-4MS

Tot Ion:	99	Resp:	719332
Ion Ratio	Lower	Upper	
99	100		
42	14.2	12.5	18.7
71	33.4	26.9	40.3

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#8

2-Chlorophenol

Concen: 43.700 ng

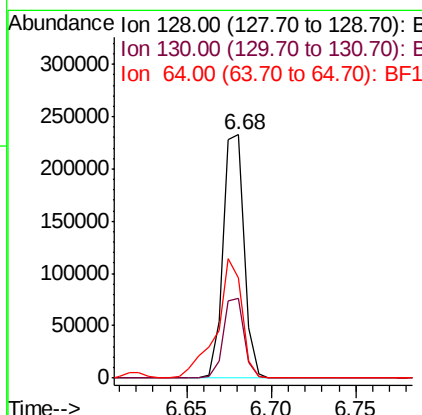
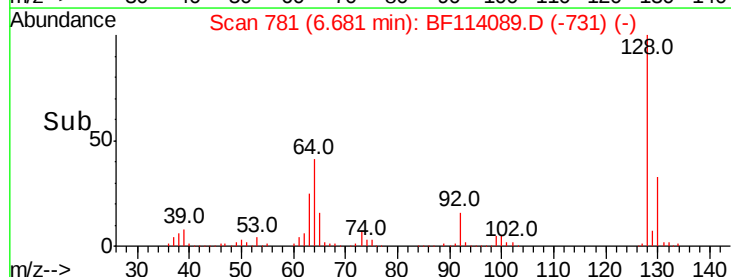
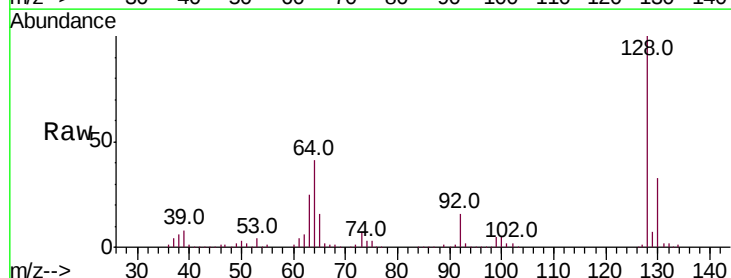
RT: 6.68 min Scan# 781

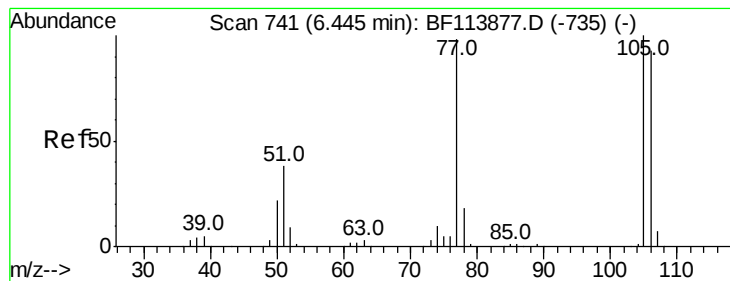
Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Tgt Ion:	128	Resp:	202227
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.3	52.3
64	41.3	26.1	66.1





#9

Benzaldehyde

Concen: 9.202 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

ClientSampleId :

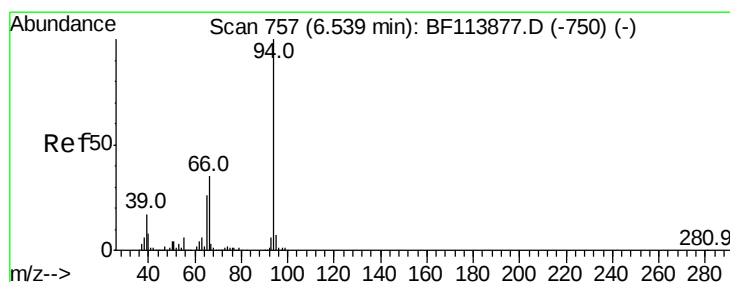
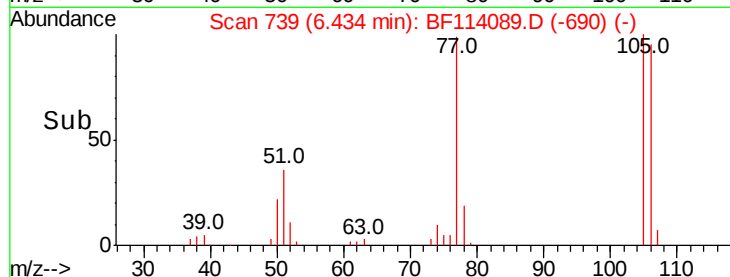
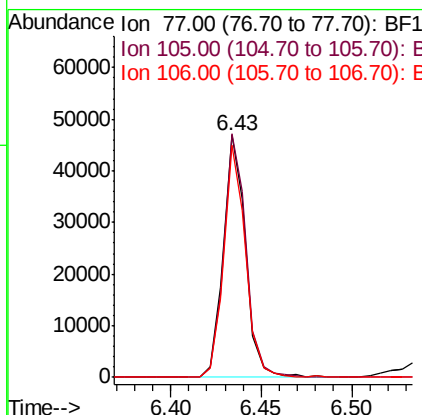
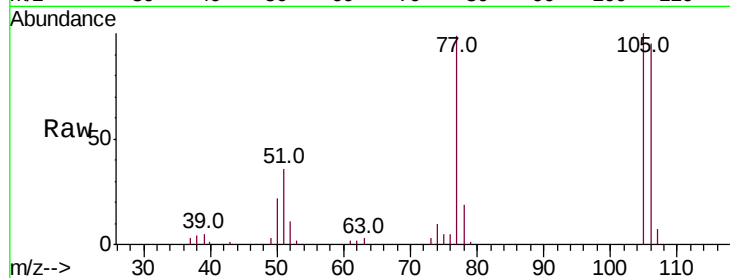
DRUM-1-4MS

Tot Ion: 77 Resp: 39752

Ion	Ratio	Lower	Upper
77	100		
105	100.6	74.1	114.1
106	95.9	70.3	110.3

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#10

Phenol

Concen: 46.722 ng

RT: 6.54 min Scan# 757

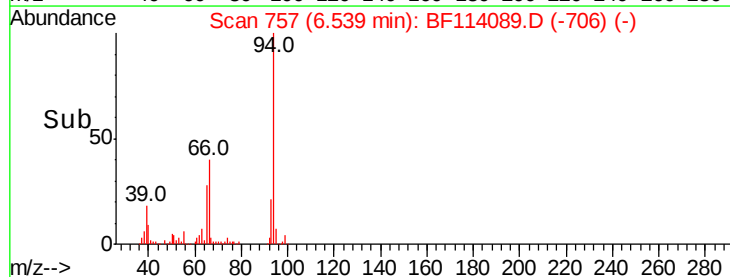
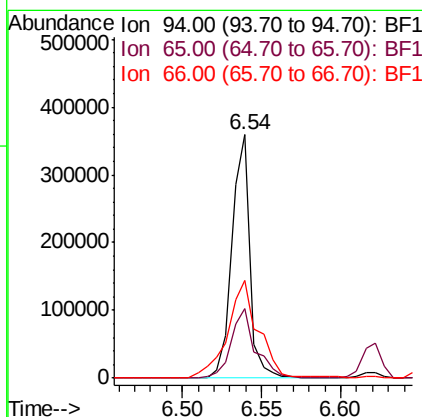
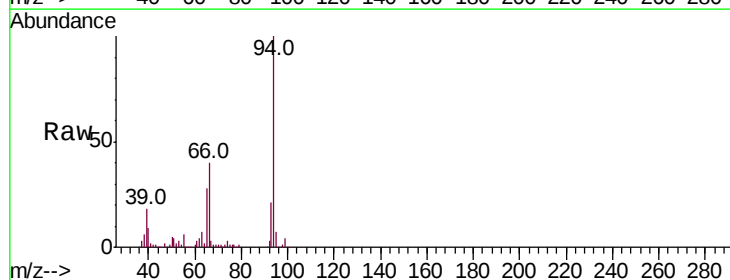
Delta R.T. -0.00 min

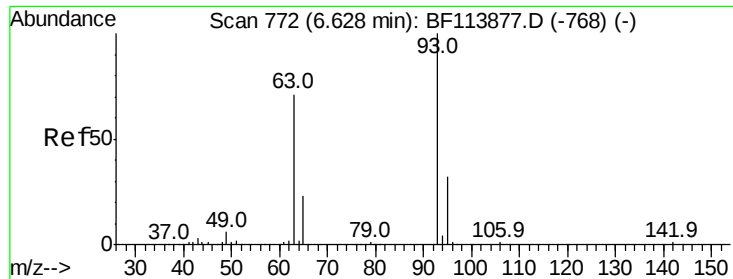
Lab File: BF114089.D

Acq: 2 May 2019 17:24

Tgt Ion: 94 Resp: 284107

Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.1	48.1
66	40.2	16.6	56.6





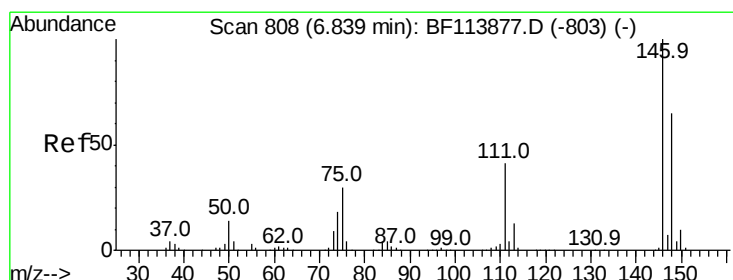
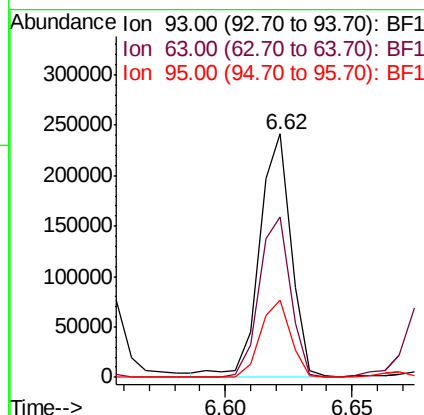
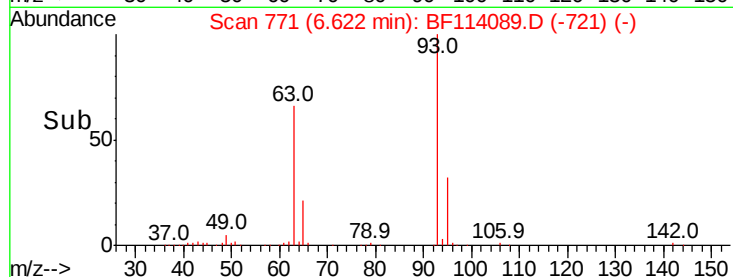
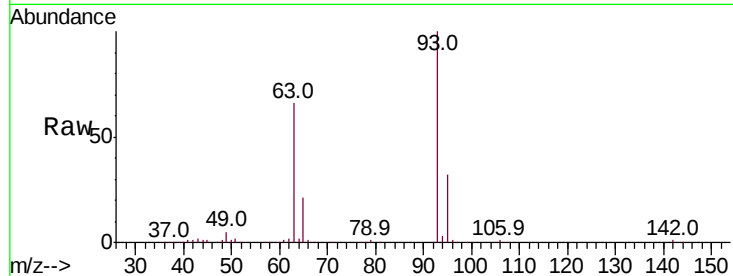
#11
bis(2-Chloroethyl)ether
Concen: 45.606 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	93	Ratio	100	Resp	208689
Ion	93	100		Lower	Upper
	63	65.7		50.7	90.7
	95	31.8		12.3	52.3

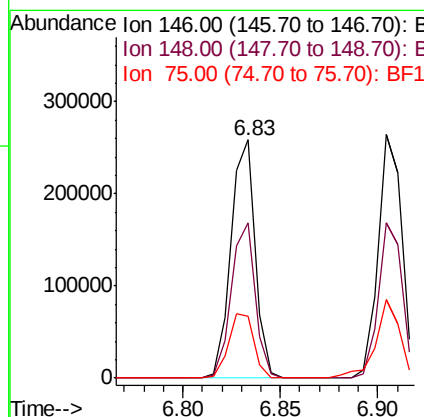
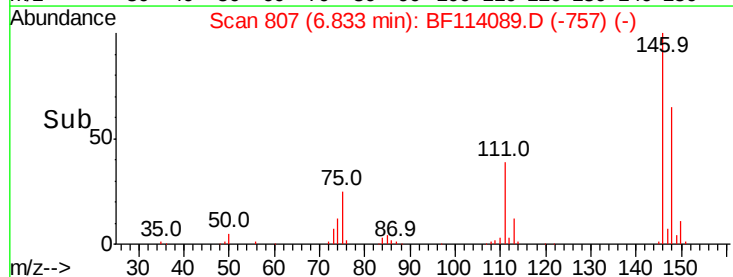
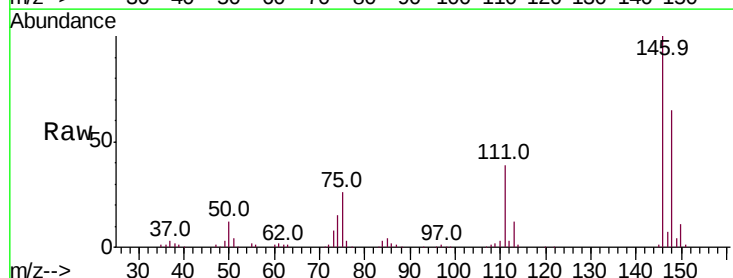
Manual Integrations
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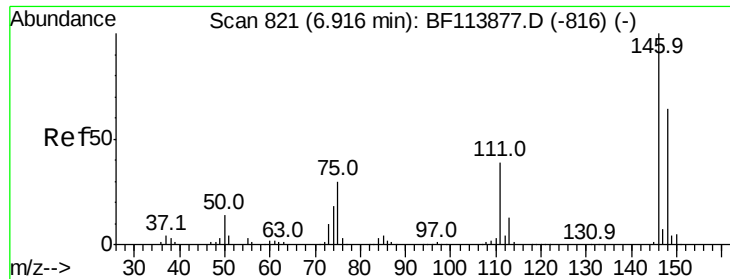
Sohil
5/3/2019 4:33:02 PM



#12
1,3-Dichlorobenzene
Concen: 42.499 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	146	Ratio	100	Resp	222738
Ion	146	100		Lower	Upper
	148	65.5		51.0	76.6
	75	26.2		23.8	35.8





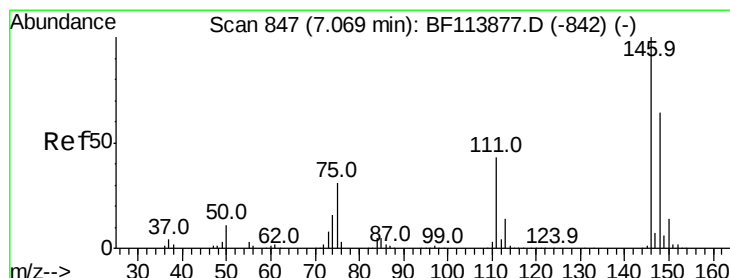
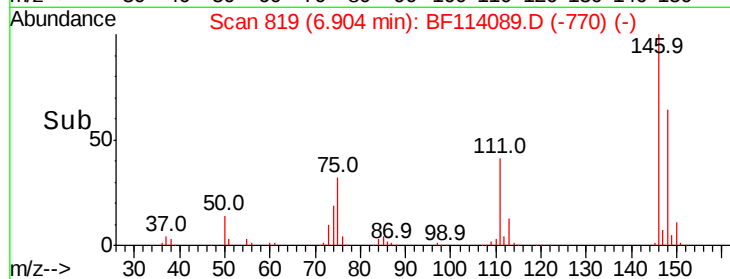
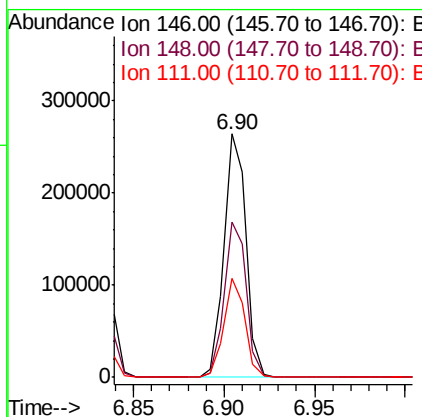
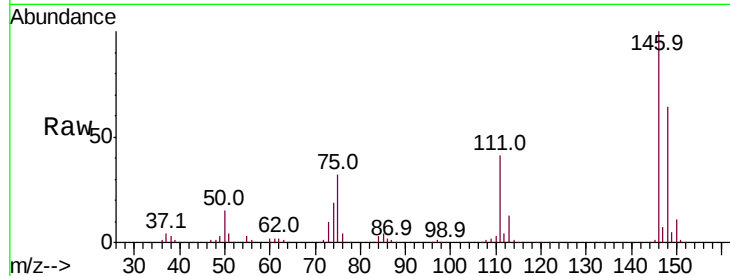
#13
 1,4-Dichlorobenzene
 Concen: 42.196 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
111	40.7	30.9	46.3

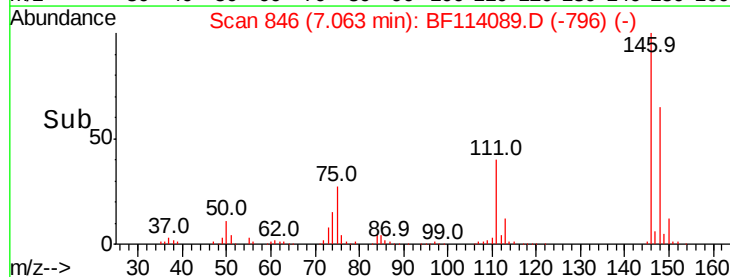
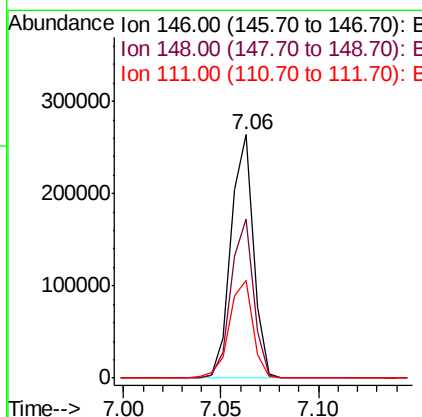
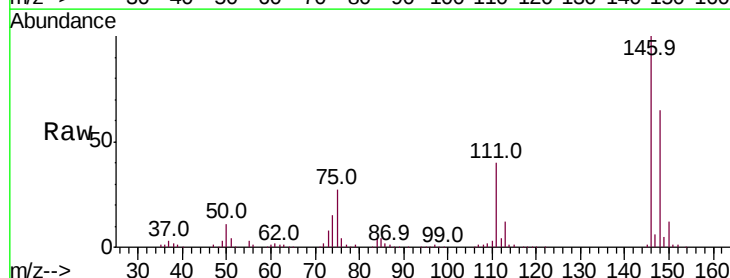
Manual Integrations
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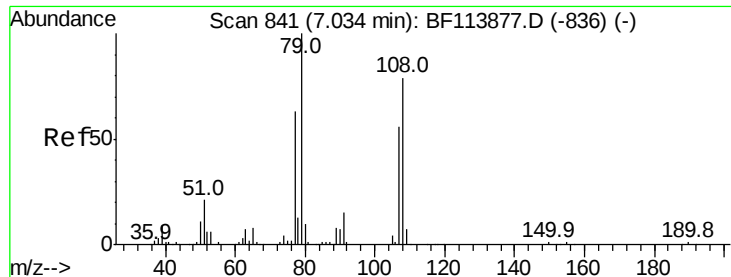
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 43.664 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.1	78.1
111	40.2	34.2	51.4





#15

Benzyl Alcohol

Concen: 52.925 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

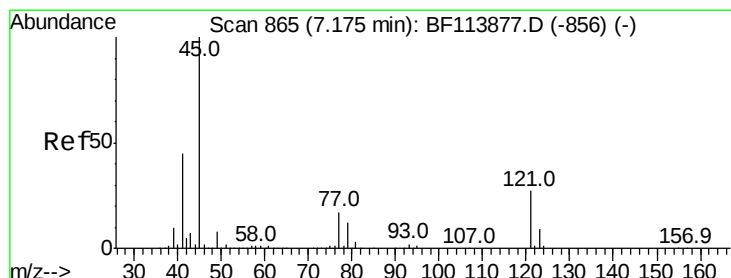
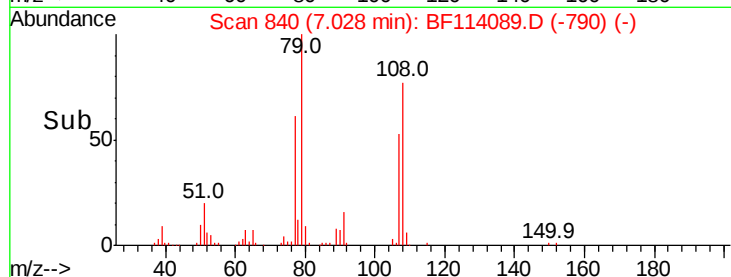
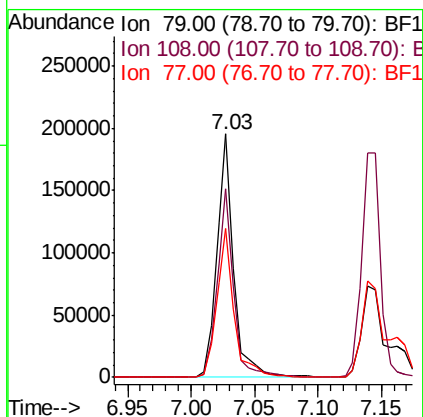
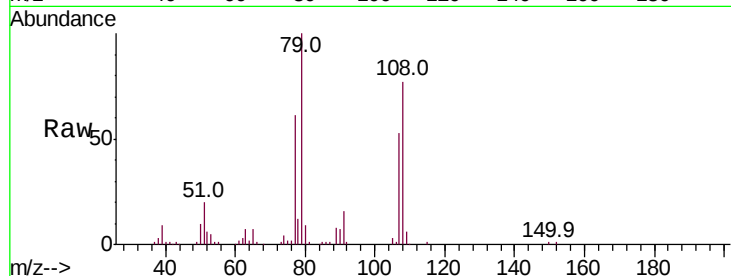
ClientSampled :

DRUM-1-4MS

Tot Ion:	79	Resp:	181266
Ion Ratio	Lower	Upper	
79	100		
108	77.5	61.4	92.0
77	61.0	51.6	77.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.757 ng

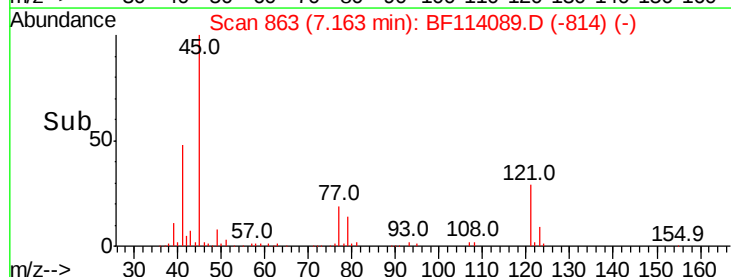
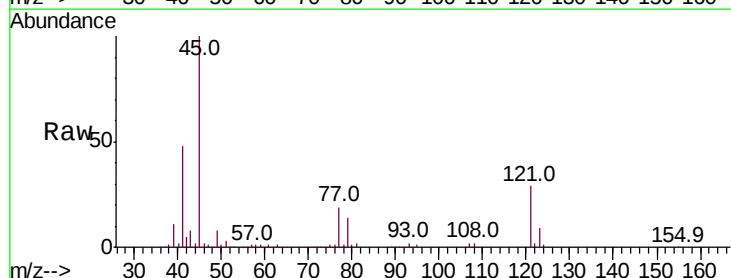
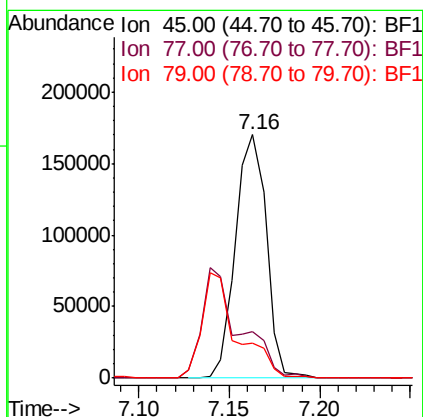
RT: 7.16 min Scan# 863

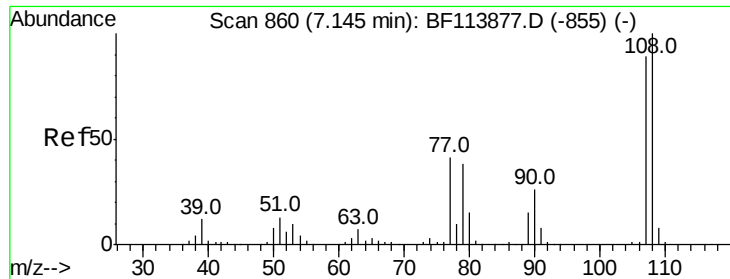
Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Tgt Ion:	45	Resp:	201684
Ion Ratio	Lower	Upper	
45	100		
77	19.1	0.0	37.0
79	14.4	0.0	32.7





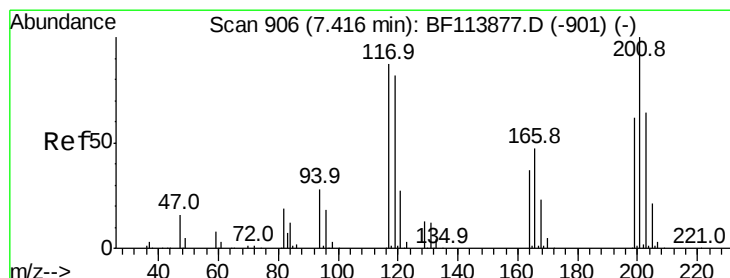
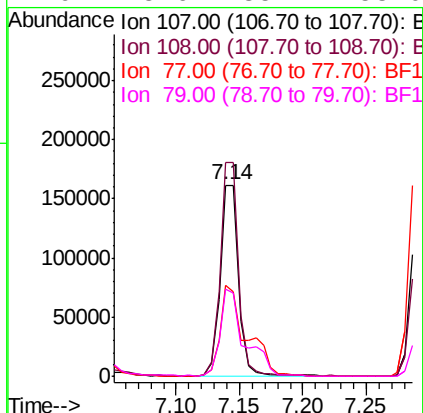
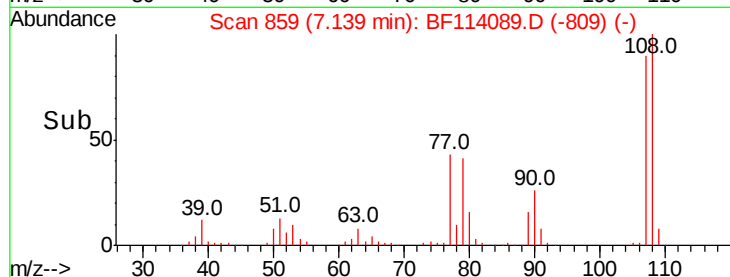
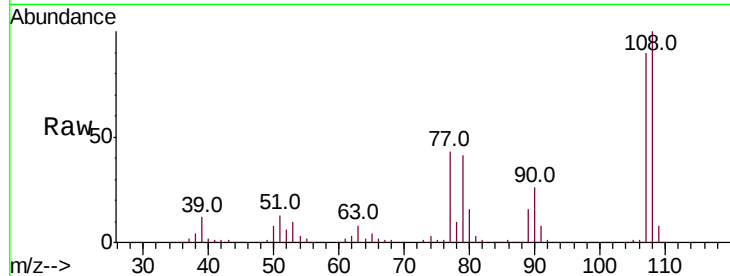
#17
2-Methylphenol
Concen: 40.923 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	91.5	137.3	
77	47.7	36.2	54.4	
79	45.6	35.4	53.0	

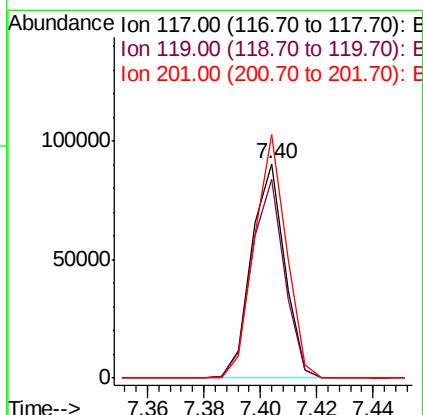
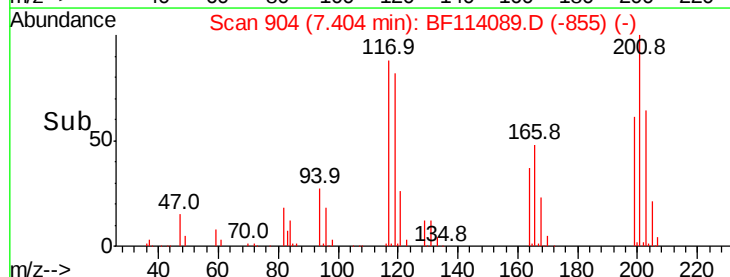
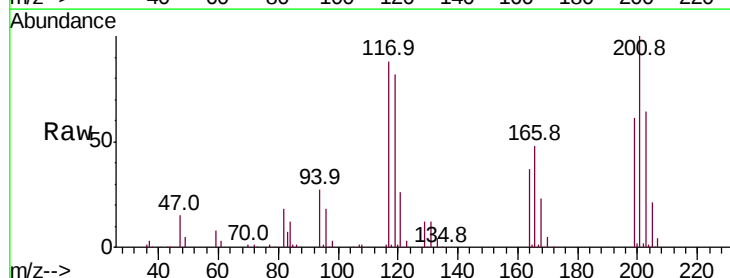
Manual Integrations
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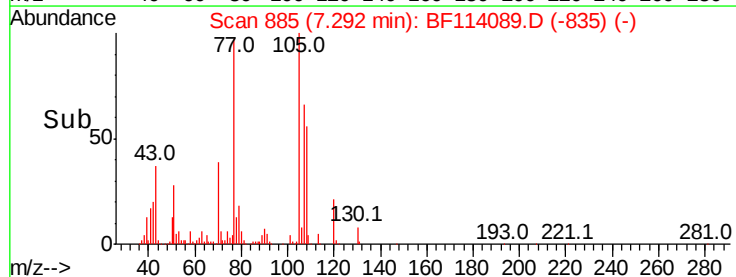
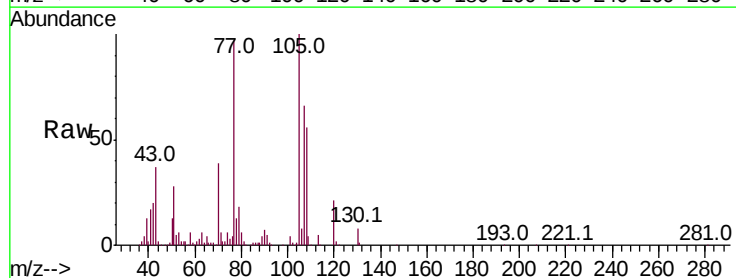
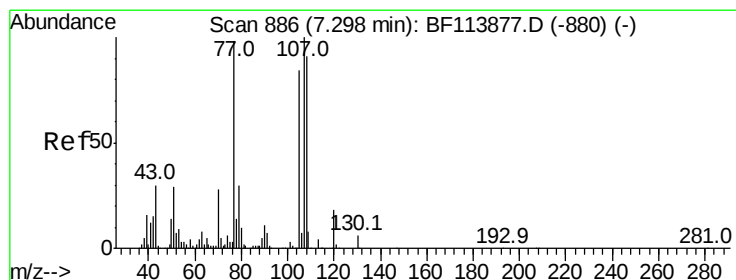
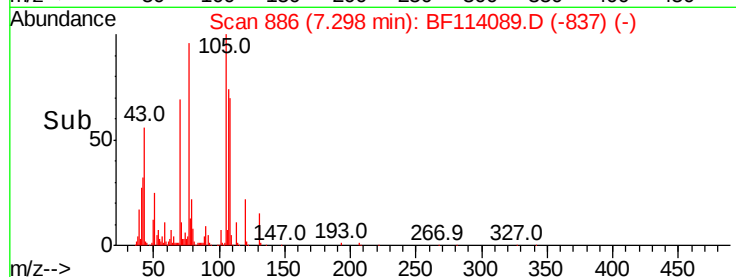
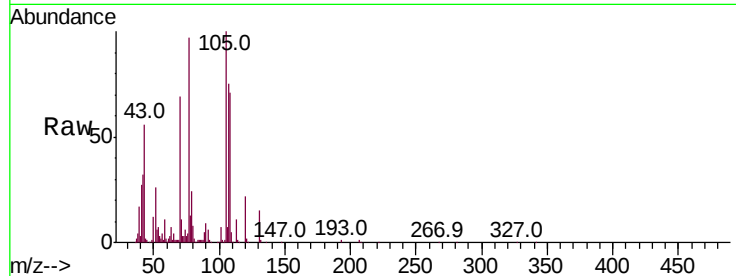
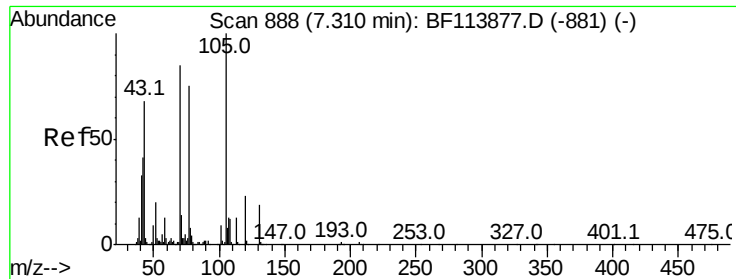
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#18
Hexachloroethane
Concen: 39.827 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.6	74.4	111.6	
201	113.5	90.2	135.2	





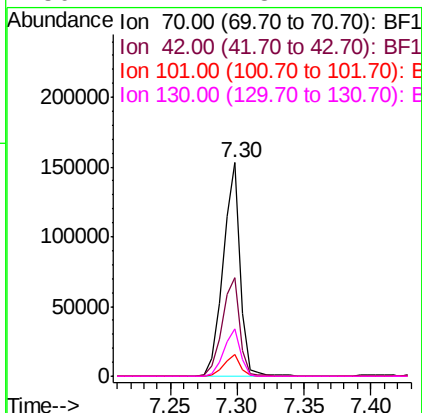
#19
n-Nitroso-di-n-propylamine
Concen: 41.922 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.4	37.3	55.9
101	10.0	7.8	11.8
130	22.4	18.2	27.2

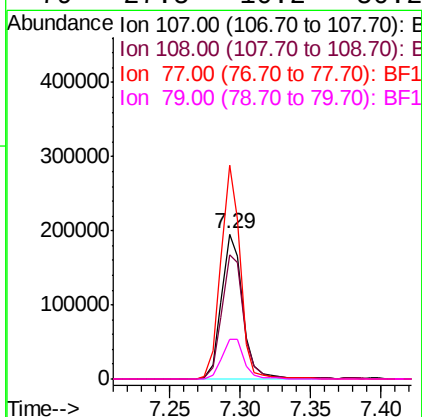
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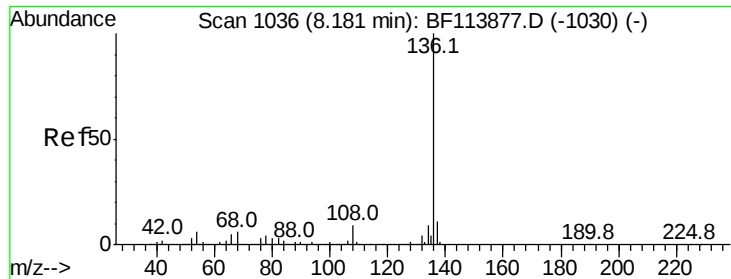
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#20
3+4-Methylphenols
Concen: 44.280 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.6	70.1	110.1
77	147.2	52.9	92.9#
79	27.5	10.2	50.2





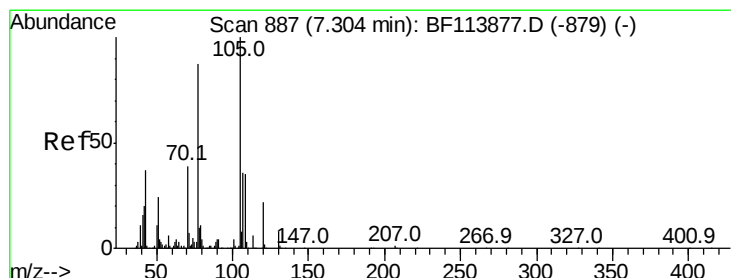
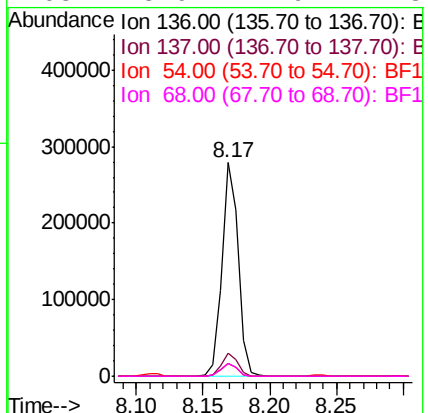
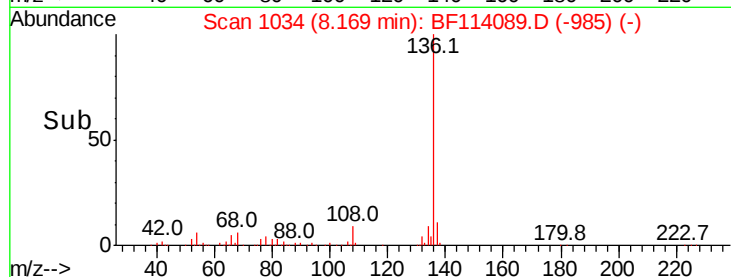
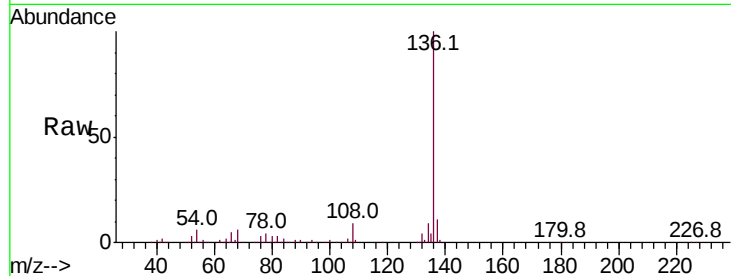
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.6	12.8	
54	6.1	5.0	7.6	
68	5.9	4.9	7.3	

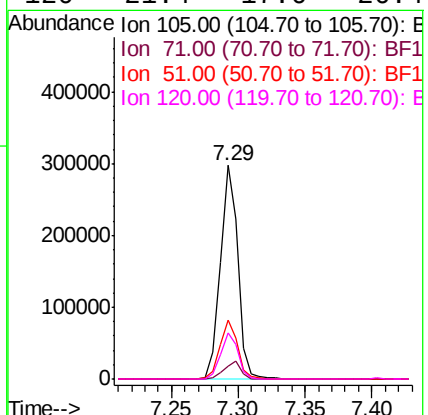
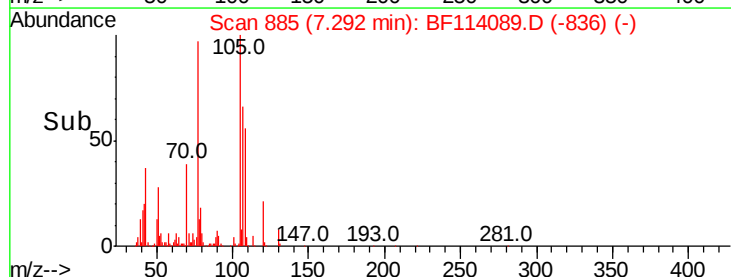
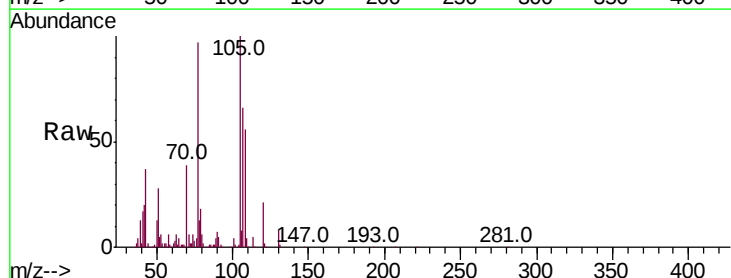
Manual Integrations
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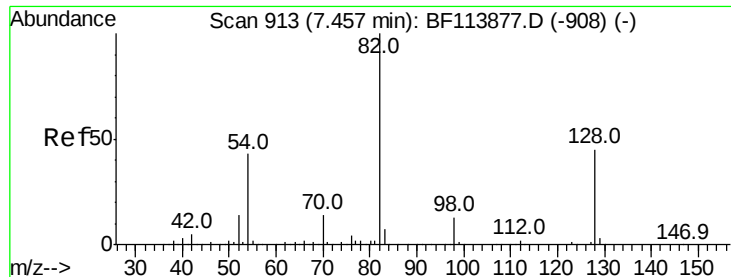
Sohil
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#22
Acetophenone
Concen: 51.357 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.3	6.1	9.1	
51	27.6	16.8	25.2	
120	21.4	17.6	26.4	





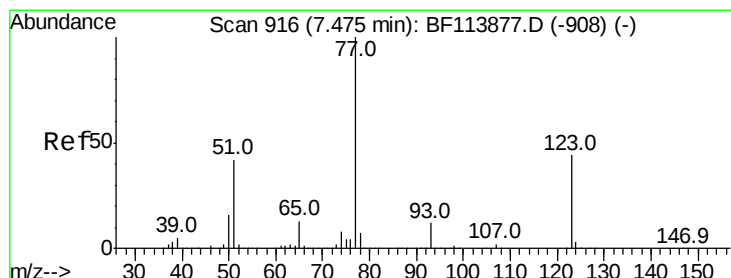
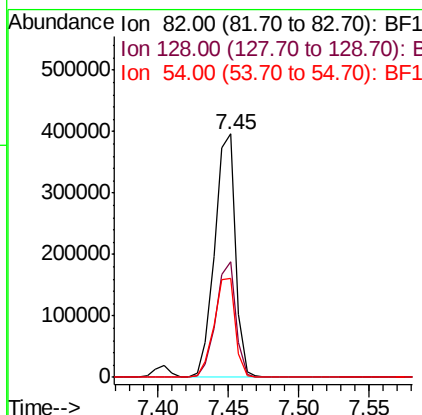
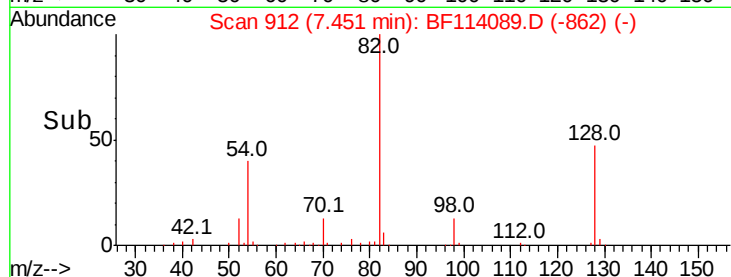
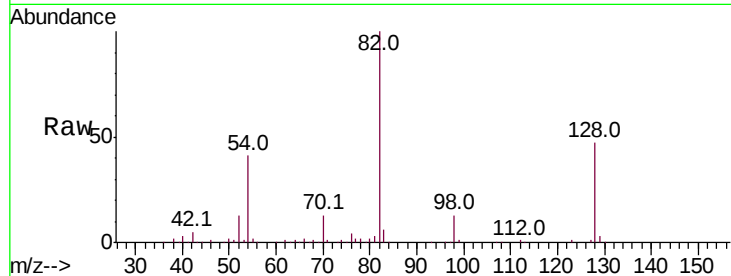
#23
Nitrobenzene-d5
Concen: 103.744 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.8	55.2
54	40.6	33.8	50.6

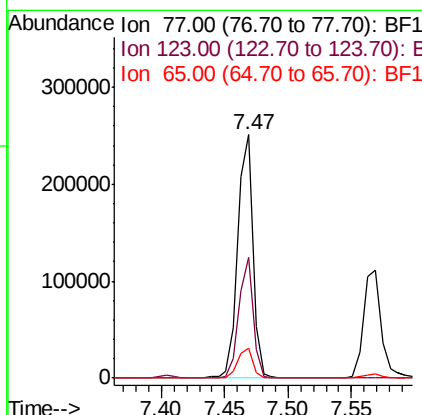
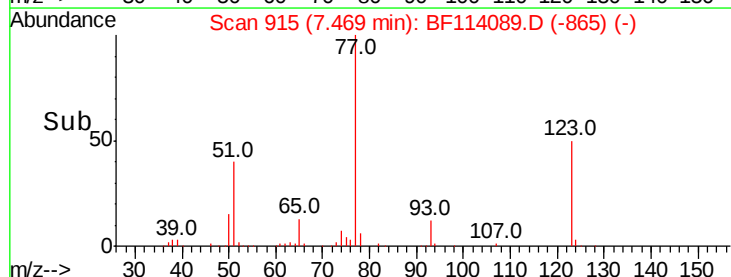
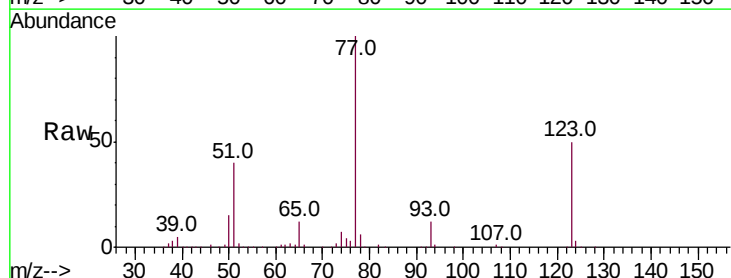
Manual Integrations
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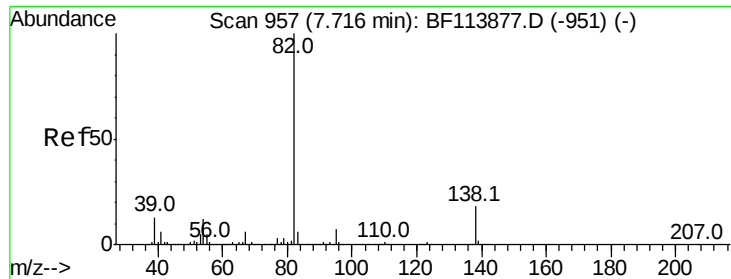
Sohil
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#24
Nitrobenzene
Concen: 47.405 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	36.3	54.5
65	12.4	10.3	15.5





#25

Isophorone

Concen: 45.195 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

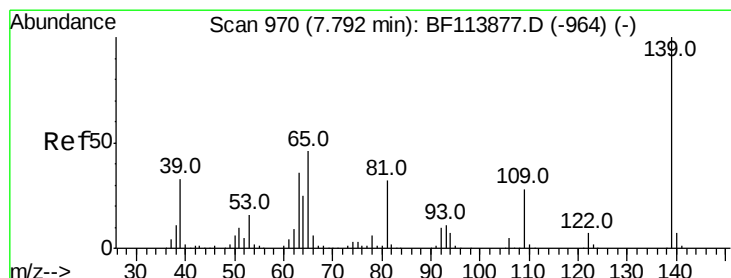
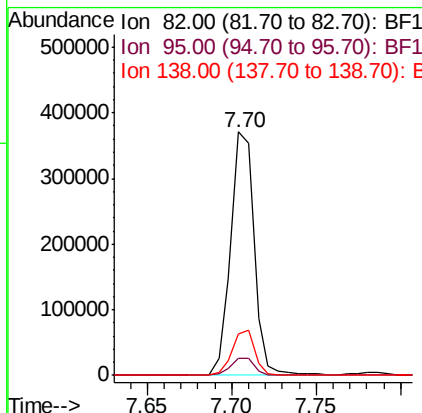
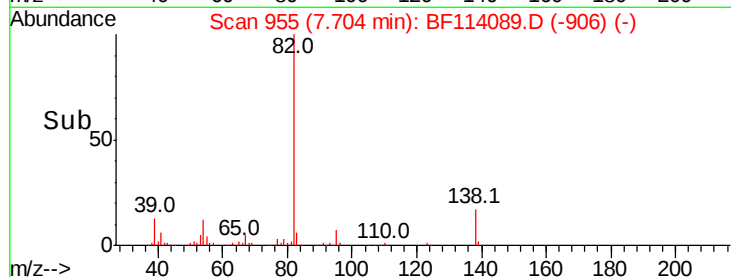
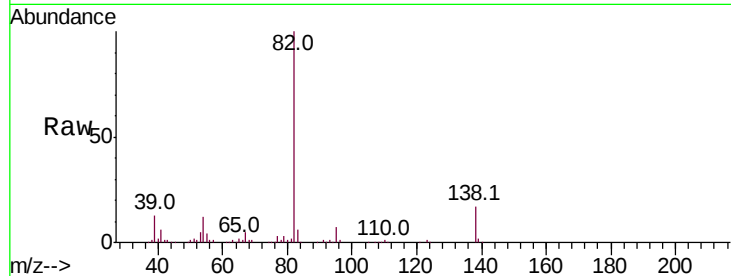
ClientSampleId :

DRUM-1-4MS

Tot Ion:	82	Resp:	361321
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	16.8	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.984 ng

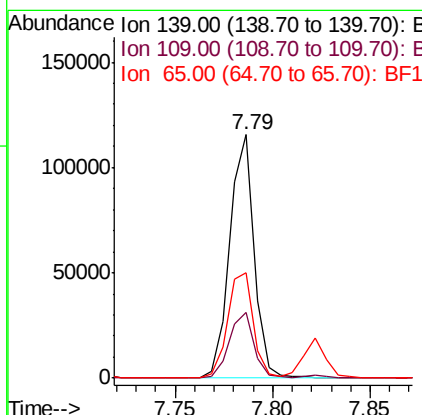
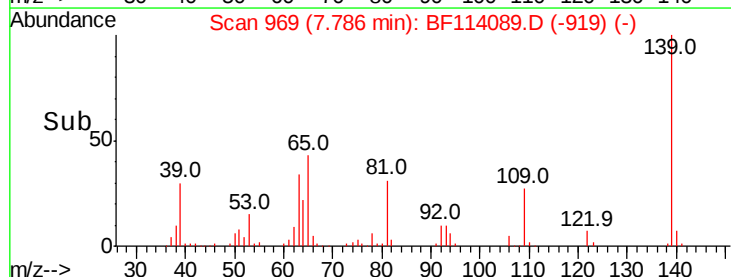
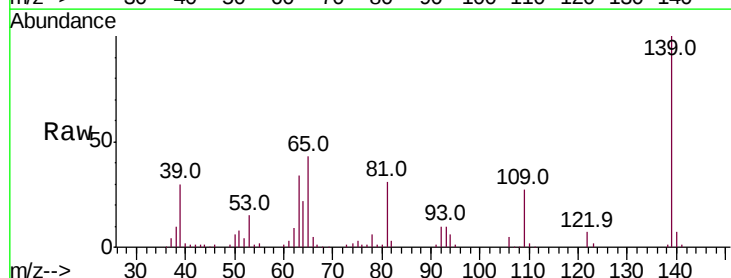
RT: 7.79 min Scan# 969

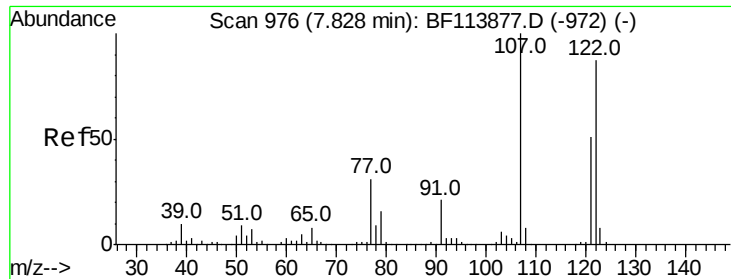
Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Tgt Ion:	139	Resp:	100416
Ion Ratio	Lower	Upper	
139	100		
109	26.8	20.6	31.0
65	43.1	34.6	52.0





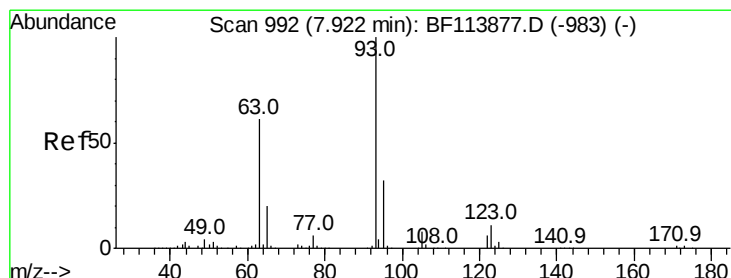
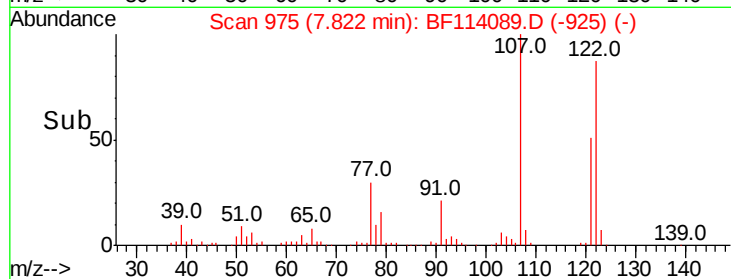
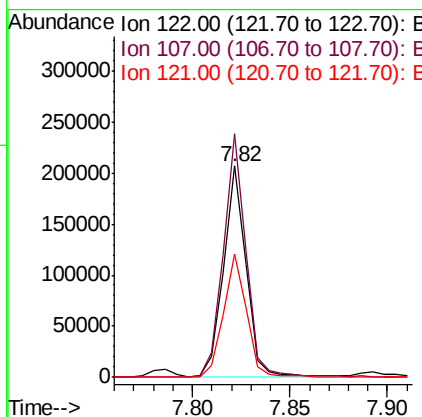
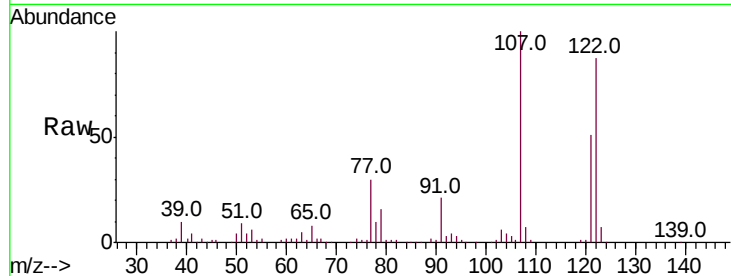
#27
2,4-Dimethylphenol
Concen: 52.410 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	168181		
107	115.3	91.2	136.8	
121	58.4	46.4	69.6	

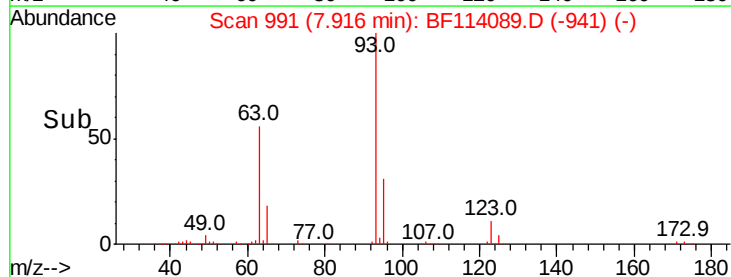
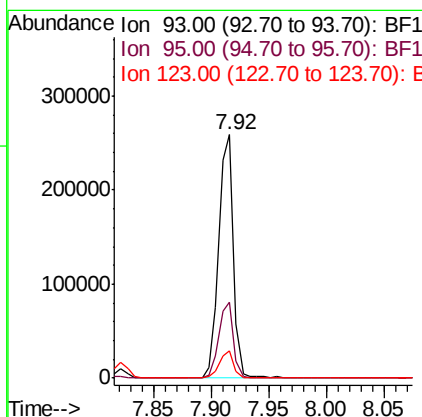
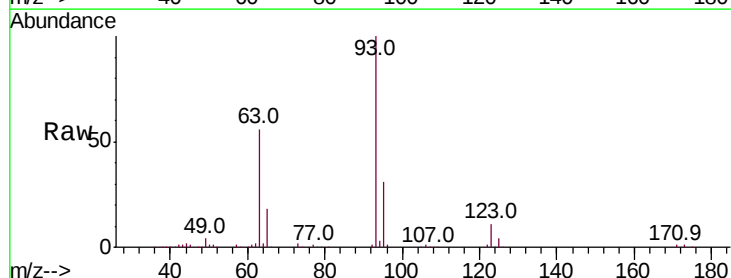
Manual Integrations
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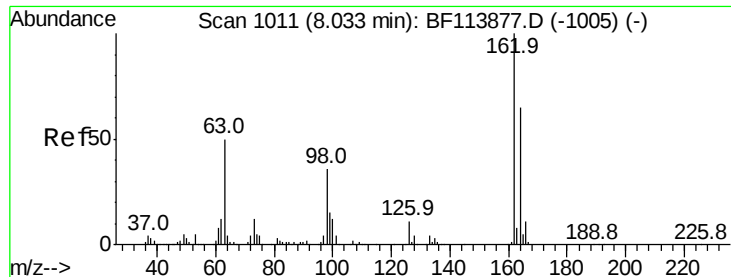
Sohil
5/3/2019 4:33:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.972 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	229105		
95	31.0	25.8	38.6	
123	11.3	9.0	13.6	





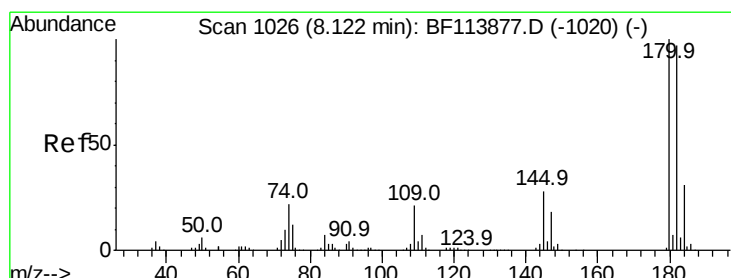
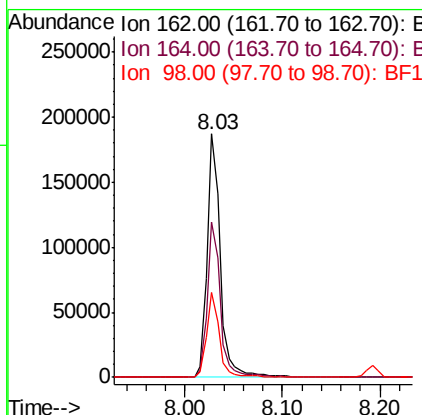
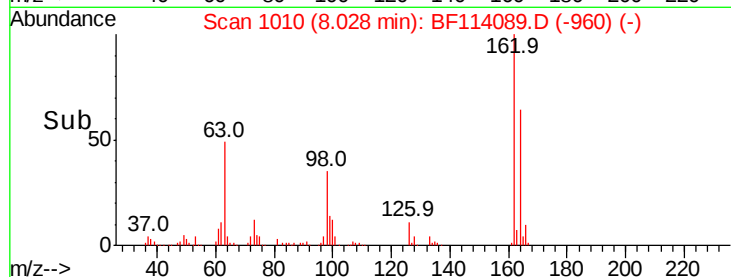
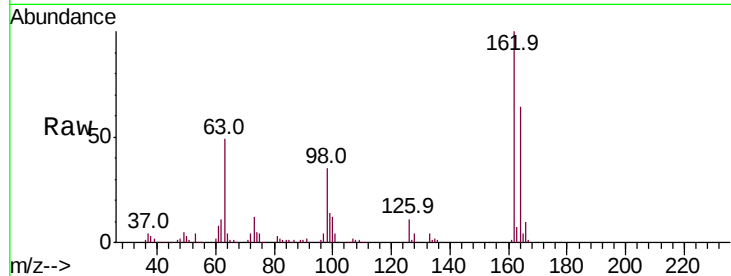
#29
 2,4-Dichlorophenol
 Concen: 47.894 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	175749		
164	64.0		43.7	83.7
98	34.8		15.5	55.5

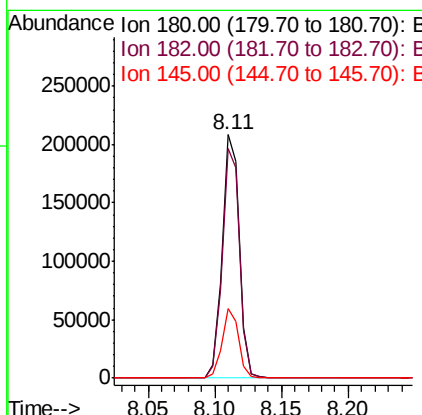
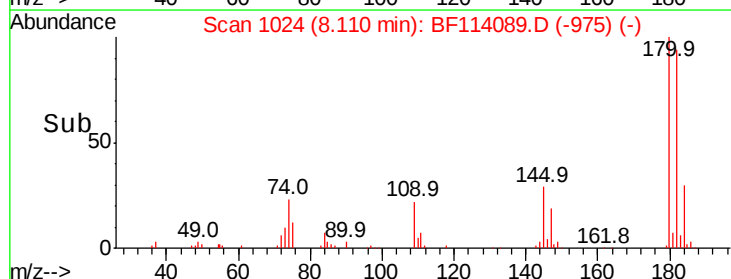
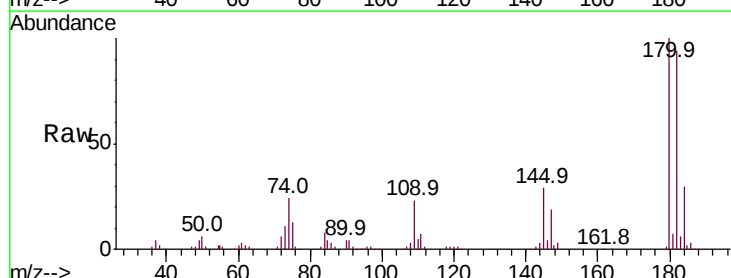
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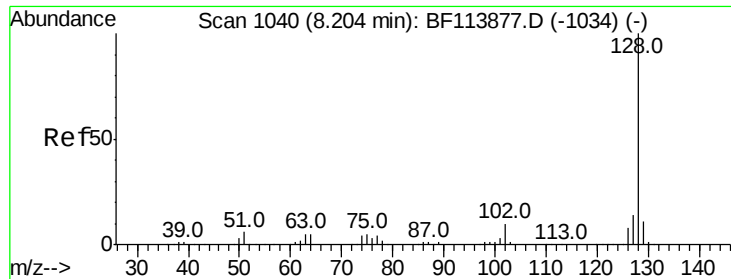
Sohil
 5/3/2019 4:33:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.577 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	190573		
182	94.3		75.4	113.0
145	28.5		23.0	34.4





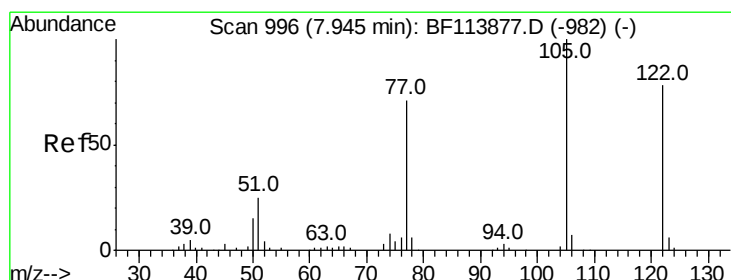
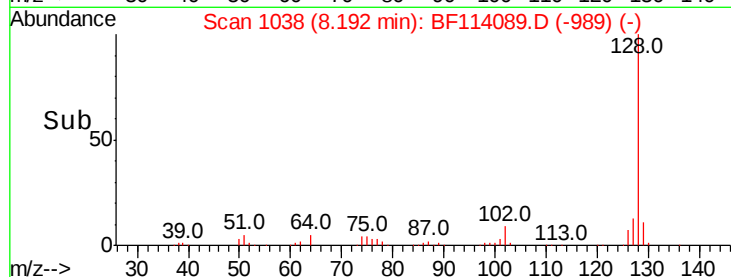
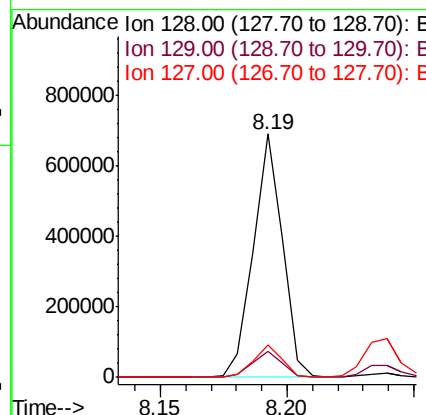
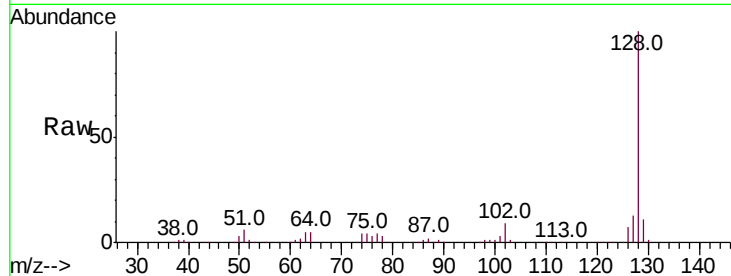
#31
Naphthalene
Concen: 48.307 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.8	9.4	14.0
127	13.2	10.8	16.2

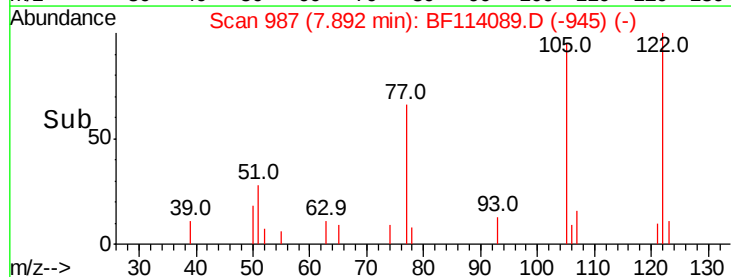
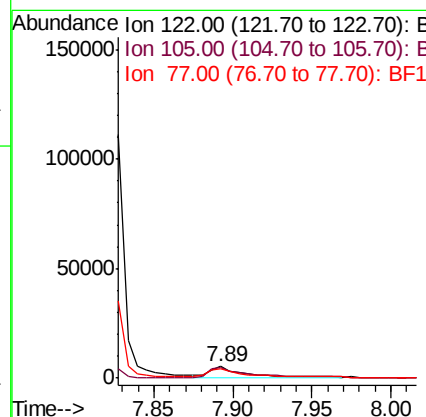
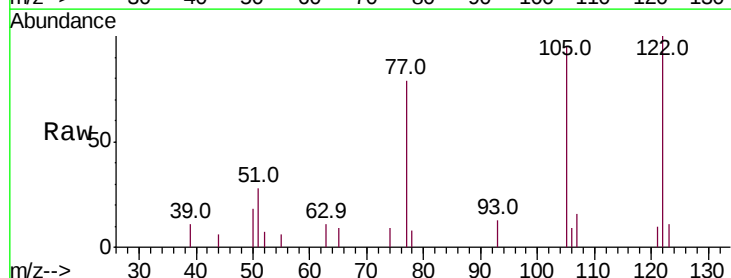
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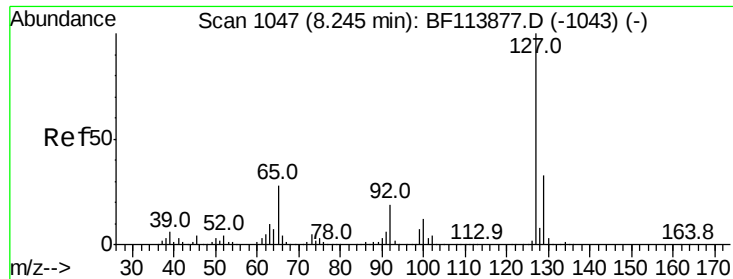
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#32
Benzoic acid
Concen: 3.800 ng m
RT: 7.89 min Scan# 987
Delta R.T. -0.05 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	95.0	104.3	144.3#
77	78.6	70.4	110.4





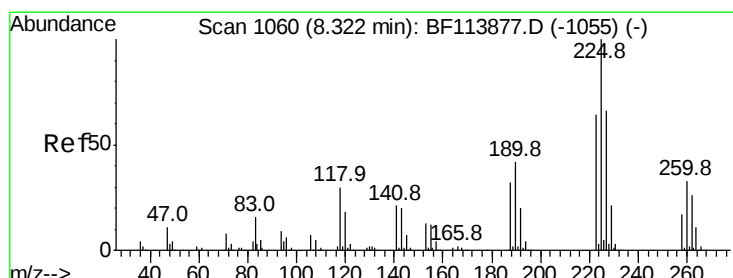
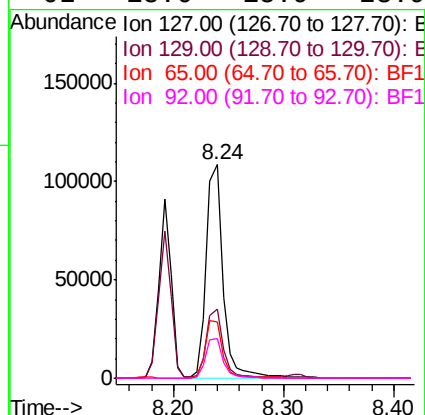
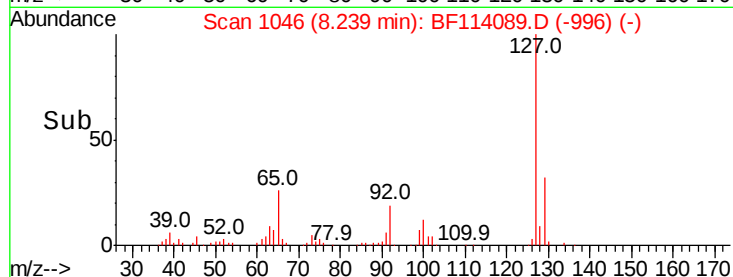
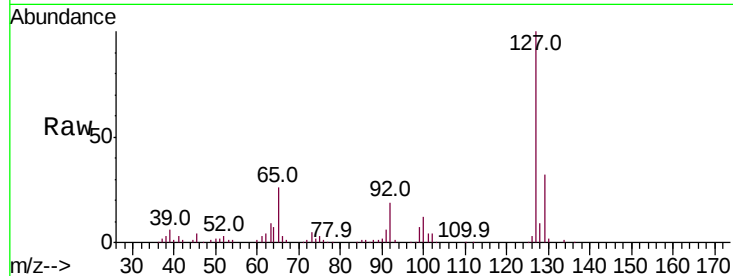
#33
4-Chloroaniline
Concen: 23.252 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.4	39.6	
65	26.3	24.9	37.3	
92	18.6	15.9	23.9	

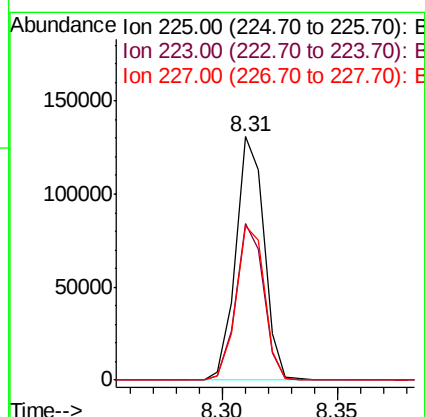
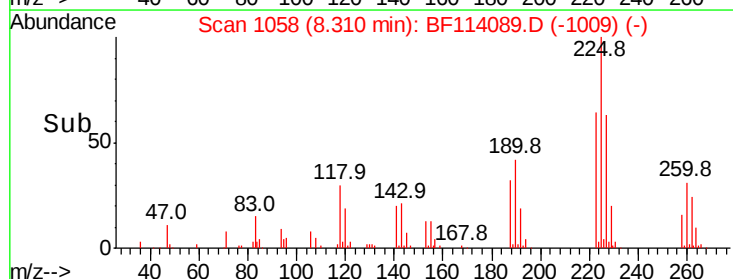
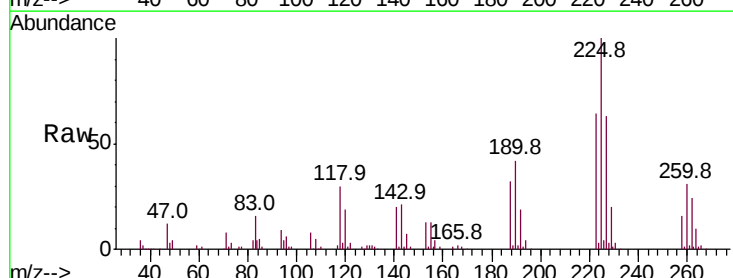
Manual Integrations
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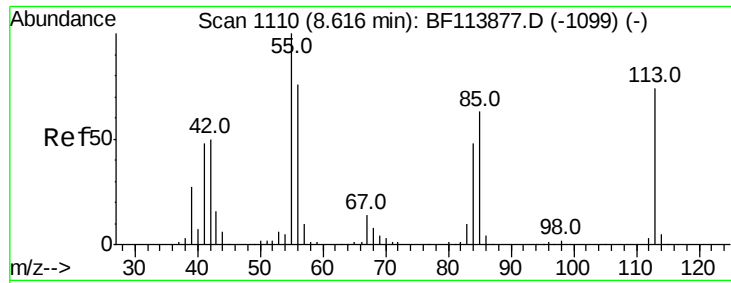
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#34
Hexachlorobutadiene
Concen: 43.892 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	51.1	76.7	
227	63.1	49.9	74.9	





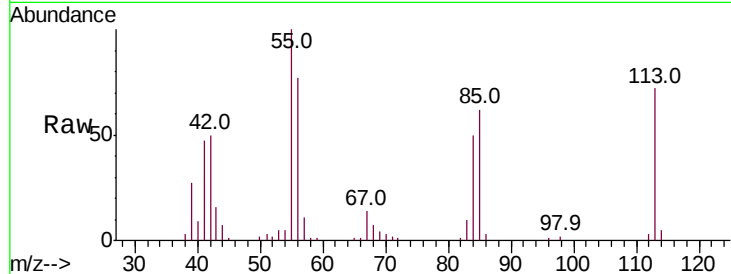
#35
 Caprolactam
 Concen: 44.148 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.1	128.6	168.6
56	106.5	91.9	131.9

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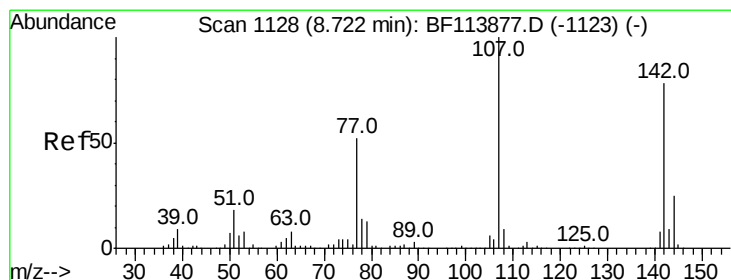
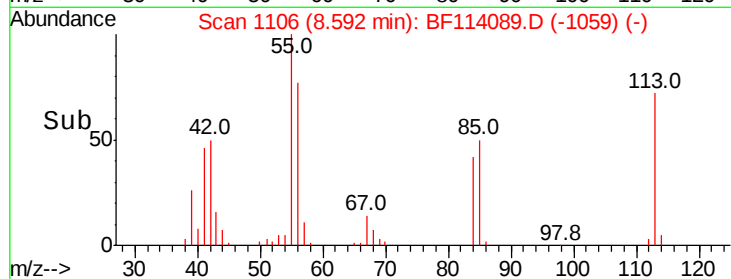
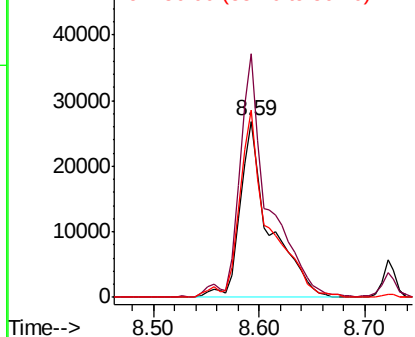


Abundance

Ion 113.00 (112.70 to 113.70): E

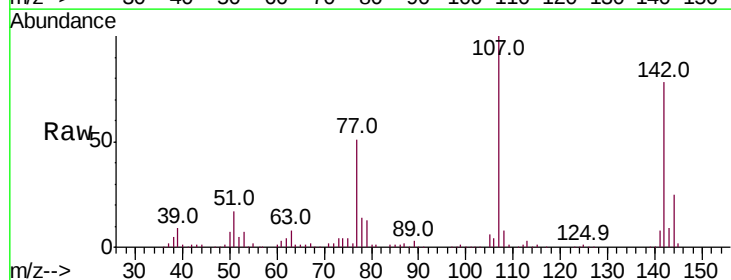
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 47.271 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.5	30.7
142	77.8	64.2	96.4

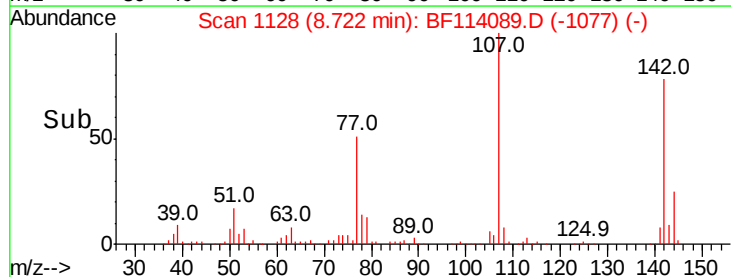
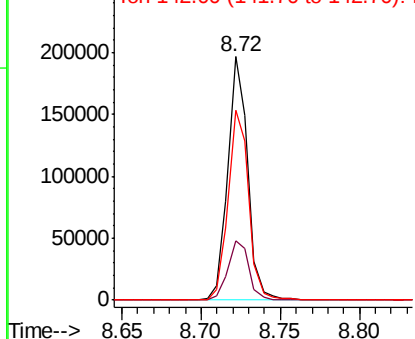


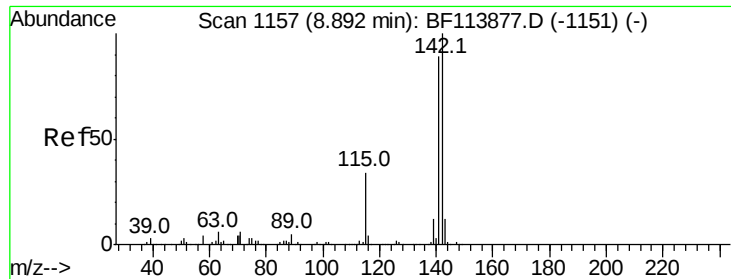
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





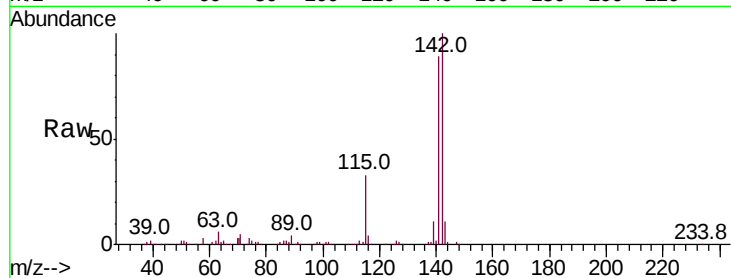
#37
2-Methylnaphthalene
Concen: 49.001 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	32.9	26.3	39.5

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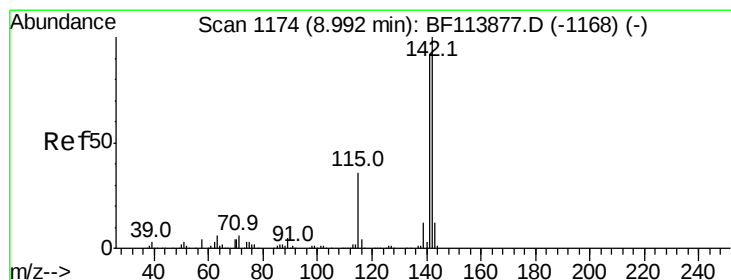
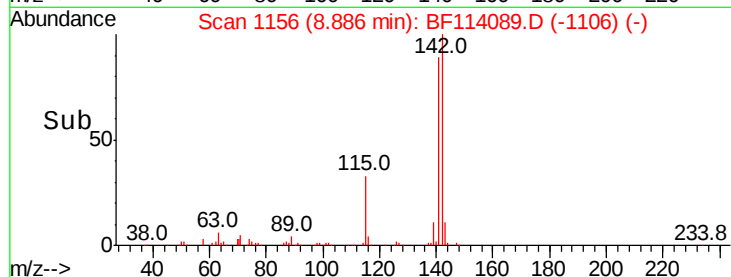
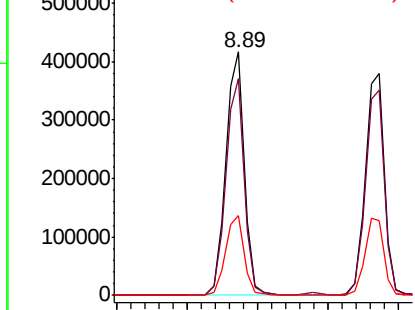


Abundance

Ion 142.00 (141.70 to 142.70): E

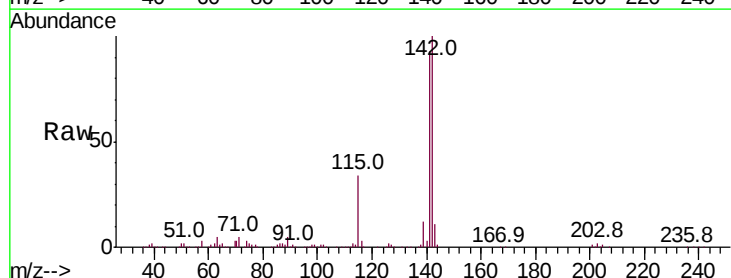
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.426 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.3	108.5
116	3.4	3.0	4.4

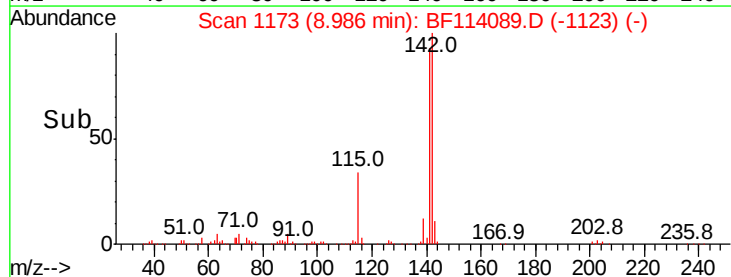
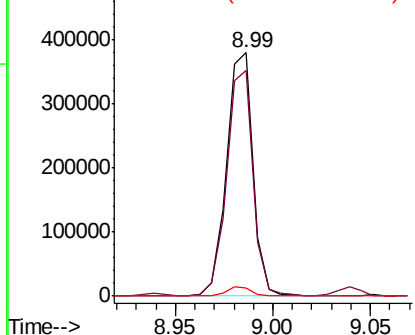


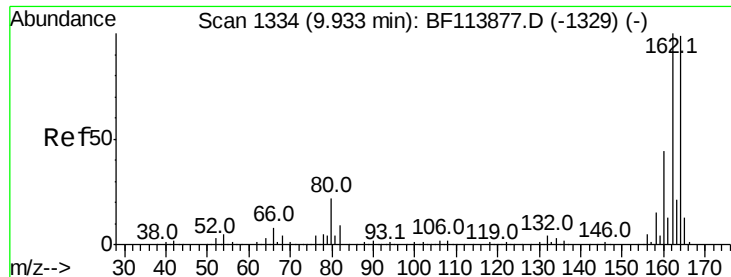
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





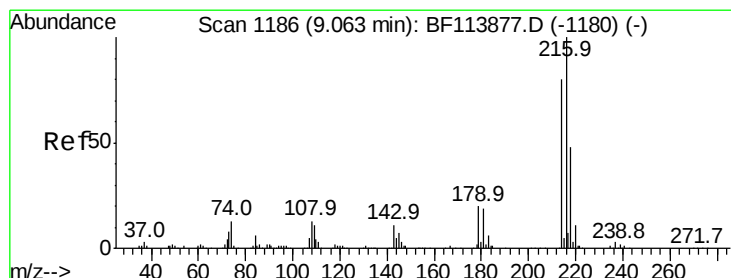
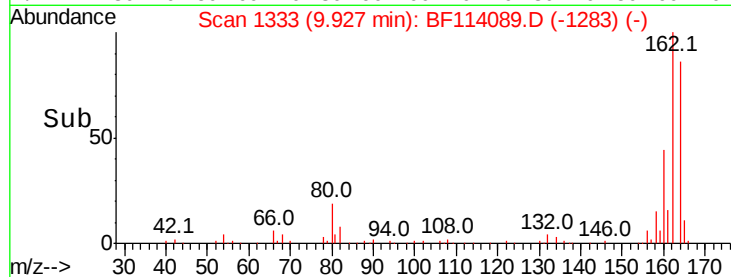
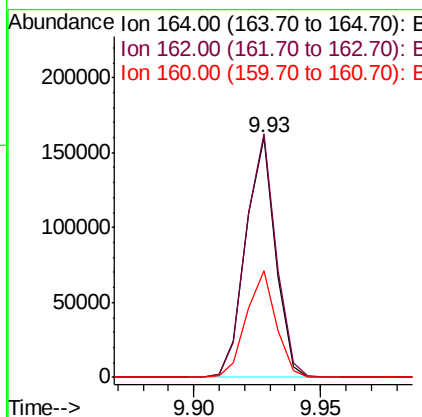
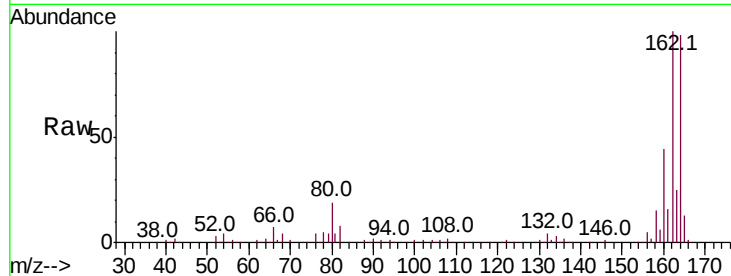
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	130718		
162	101.7	81.1	121.7	
160	44.6	35.8	53.6	

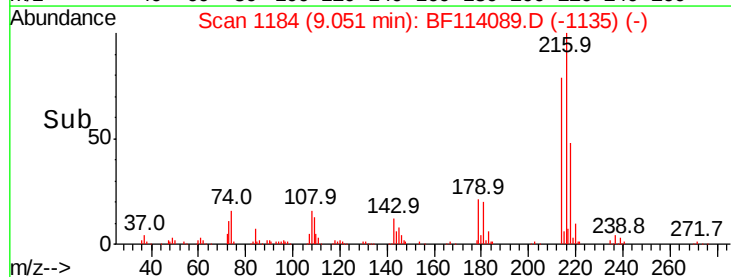
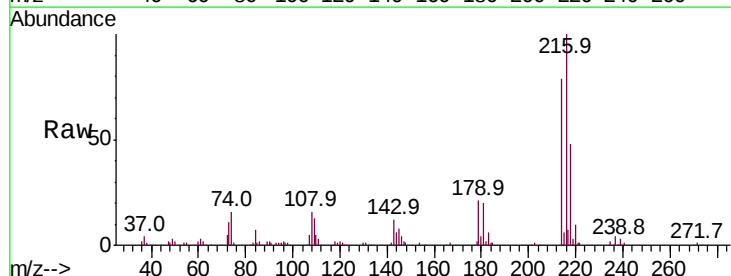
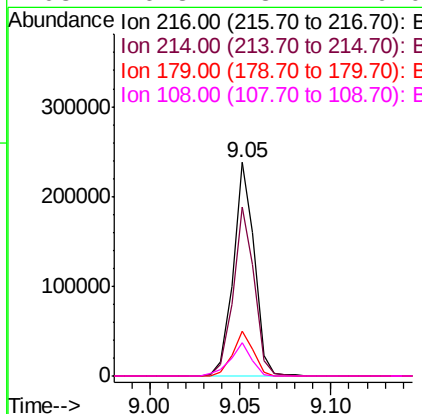
Manual Integrations
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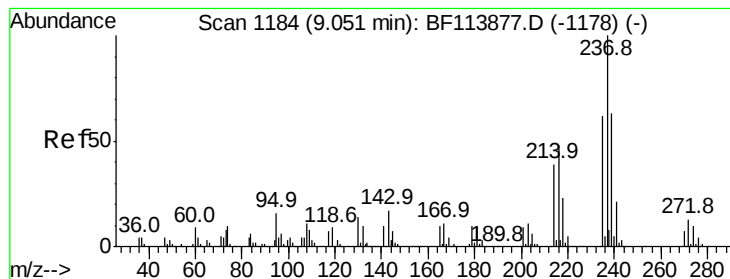
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.130 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	191628		
214	78.7	63.5	95.3	
179	20.6	16.1	24.1	
108	16.3	13.4	20.0	





#41

Hexachlorocyclopentadiene

Concen: 42.754 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

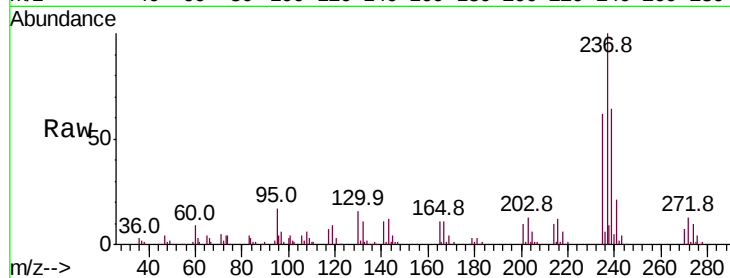
ClientSampleId :

DRUM-1-4MS

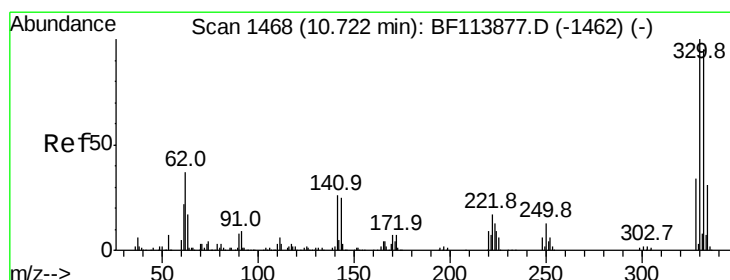
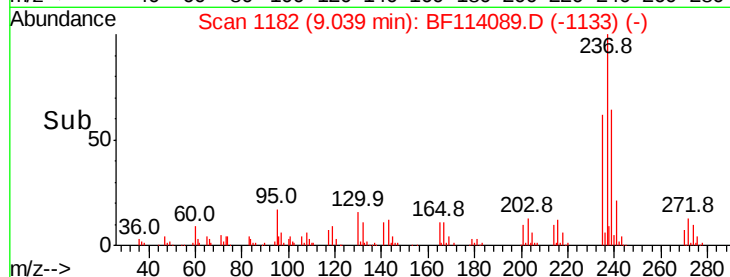
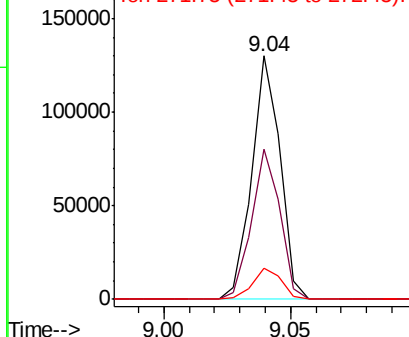
Tot Ion:	237	Resp:	101234
Ion Ratio	Lower	Upper	
237	100		
235	61.9	42.6	82.6
272	12.8	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 171.025 ng

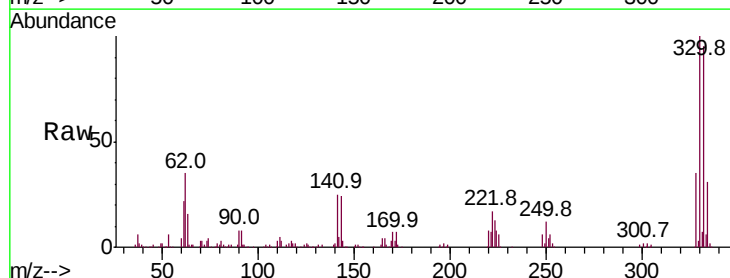
RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

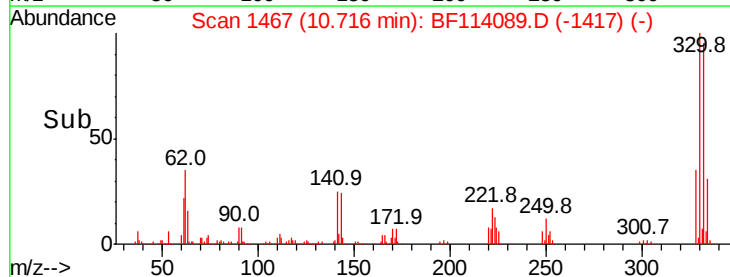
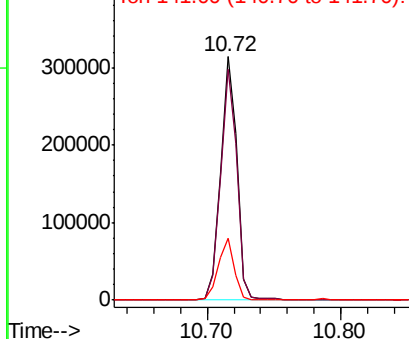
Lab File: BF114089.D

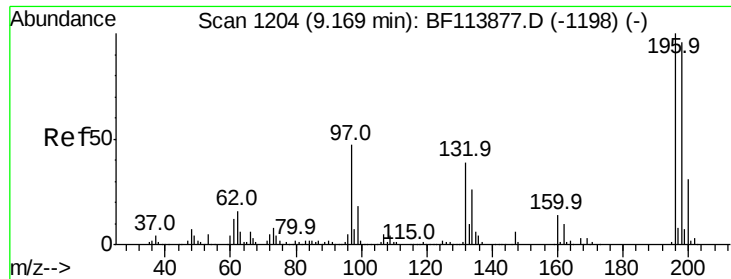
Acq: 2 May 2019 17:24

Tgt Ion:	330	Resp:	272342
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.5	116.3
141	25.0	22.2	33.2



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





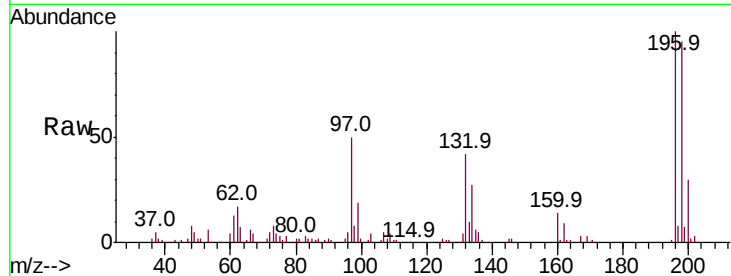
#43
 2,4,6-Trichlorophenol
 Concen: 48.290 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	130204		
198	94.9	75.6	113.4	
200	29.9	24.7	37.1	

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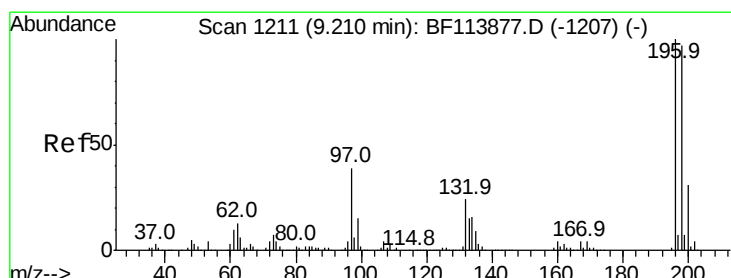
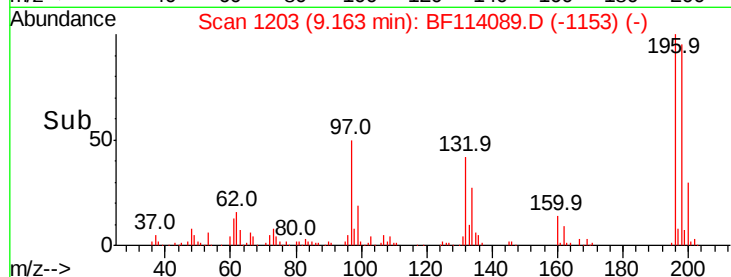
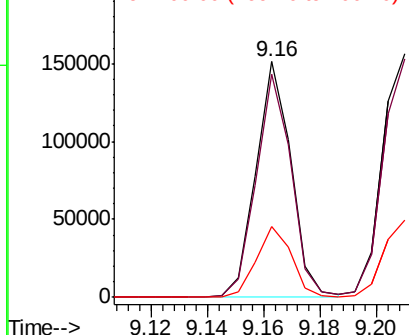


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.665 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	138103		
198	98.1	76.2	114.4	
97	39.3	35.8	53.8	
132	24.0	20.9	31.3	

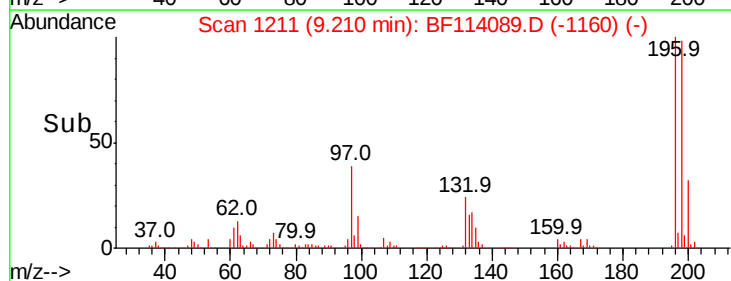
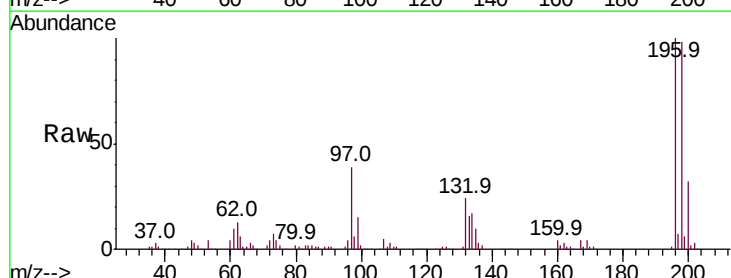
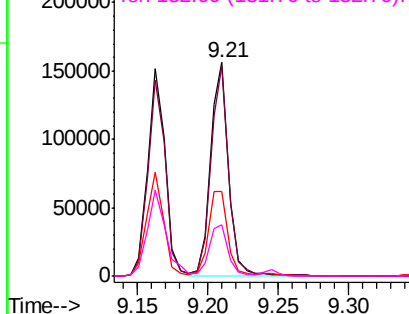
Abundance

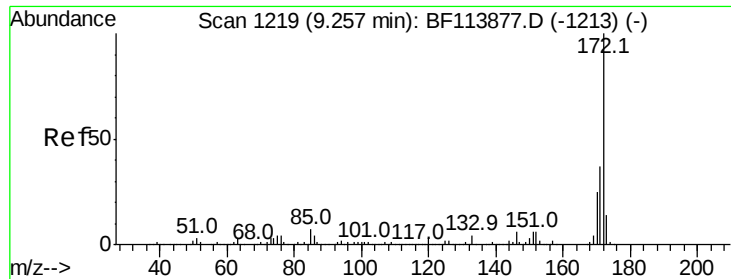
Ion 196.00 (195.70 to 196.70): E

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: 98.321 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

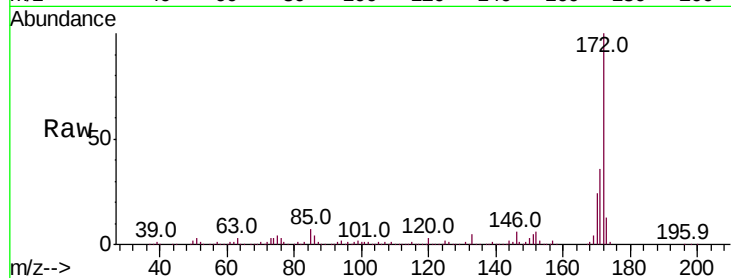
ClientSampleId :

DRUM-1-4MS

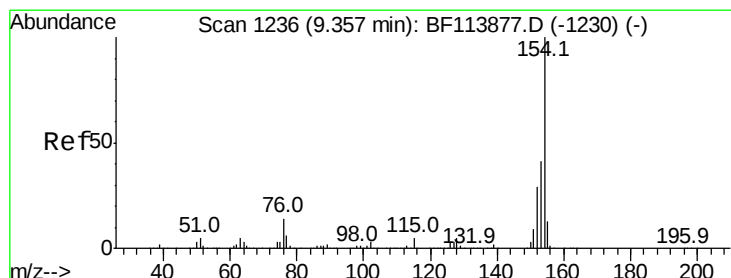
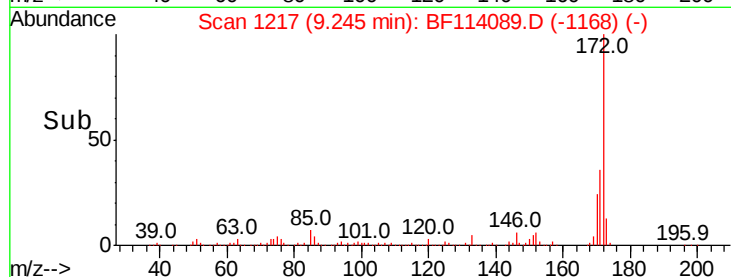
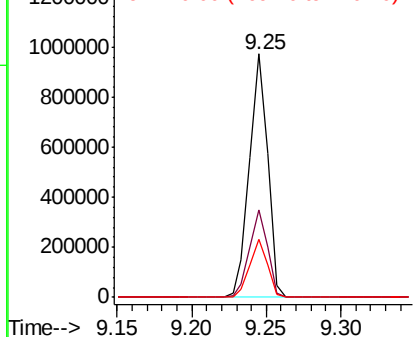
Tot Ion:	172	Resp:	821744
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.4	44.0
170	23.6	19.9	29.9

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 47.709 ng

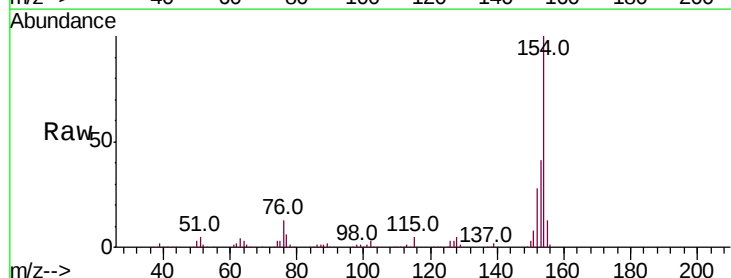
RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

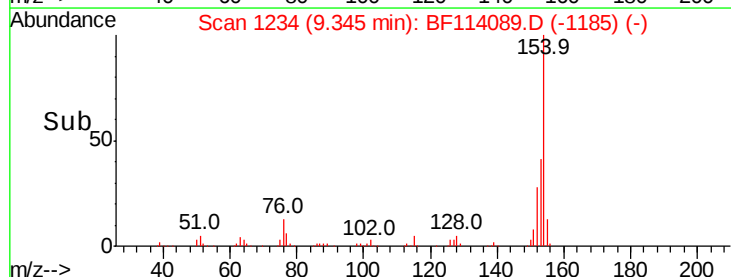
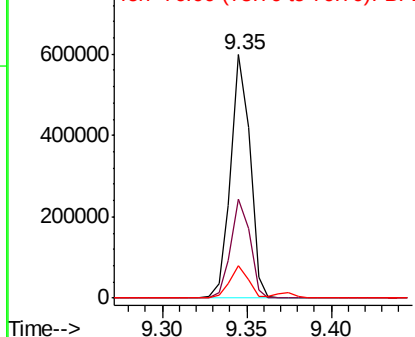
Lab File: BF114089.D

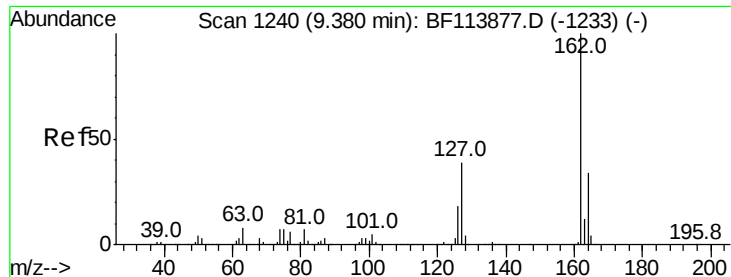
Acq: 2 May 2019 17:24

Tgt Ion:	154	Resp:	476419
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.8	60.8
76	13.3	0.0	35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 46.087 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

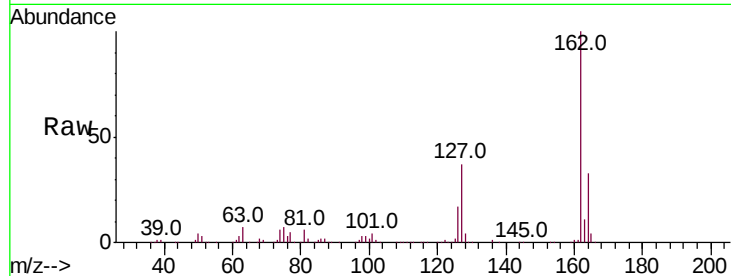
ClientSampleId :

DRUM-1-4MS

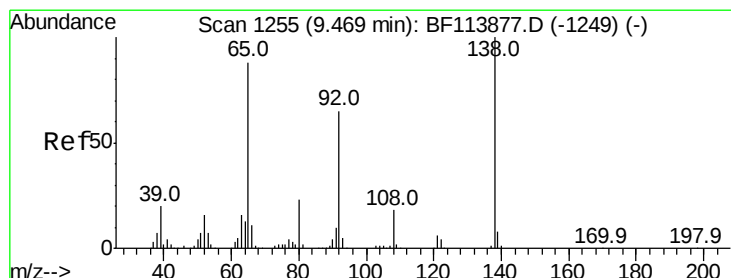
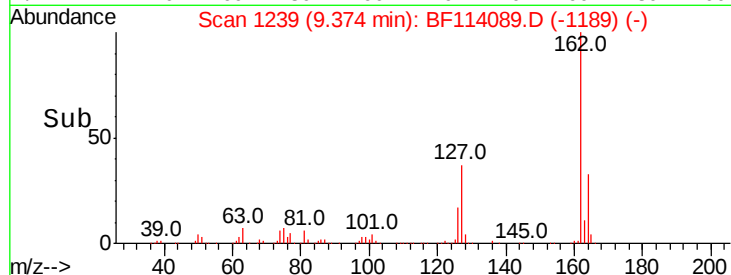
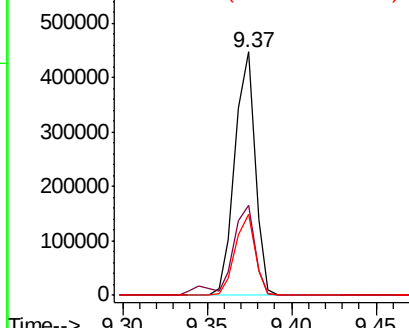
Tot Ion:	162	Resp:	374258
Ion Ratio	Lower	Upper	
162	100		
127	37.1	29.3	43.9
164	33.1	27.1	40.7

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 50.180 ng

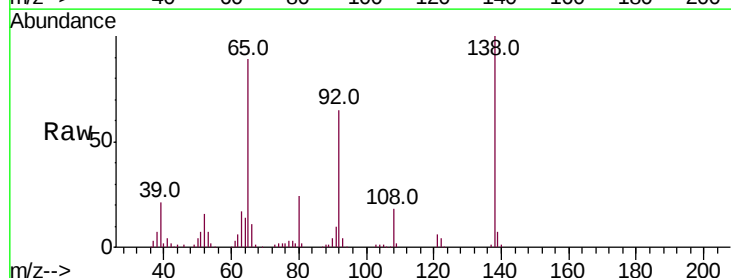
RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

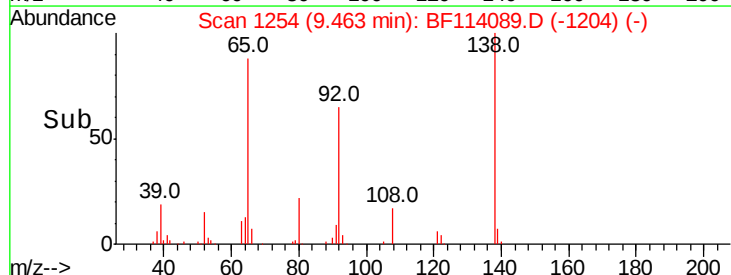
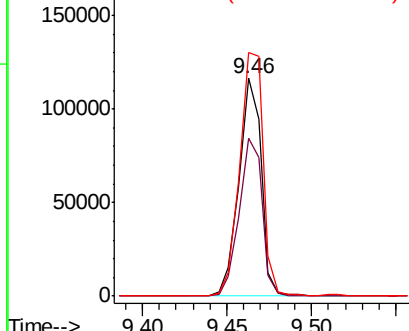
Lab File: BF114089.D

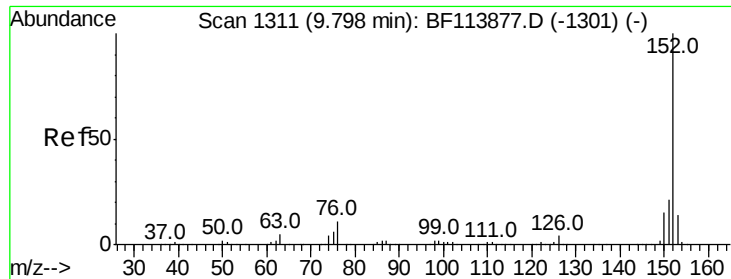
Acq: 2 May 2019 17:24

Tgt Ion:	65	Resp:	106824
Ion Ratio	Lower	Upper	
65	100		
92	72.7	57.4	86.0
138	112.0	85.4	128.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.997 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

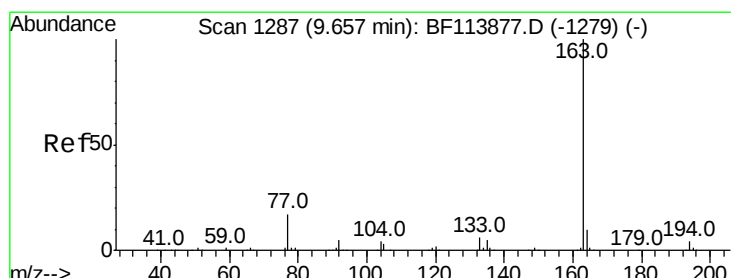
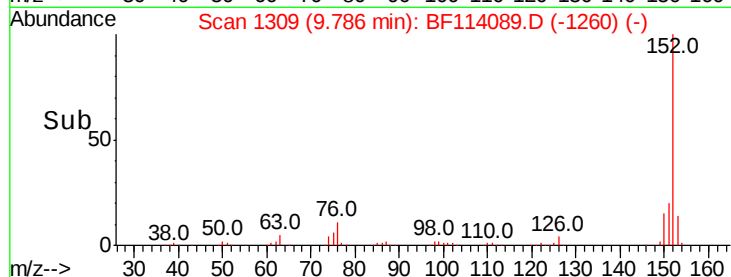
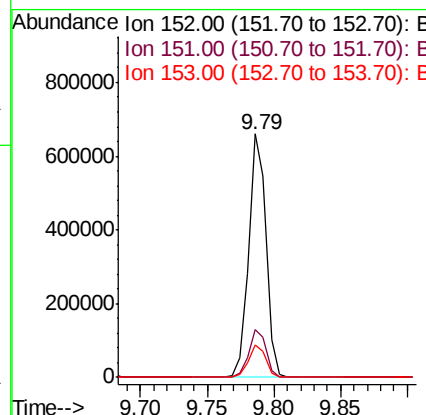
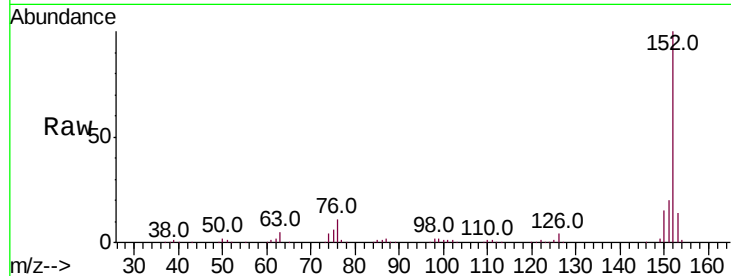
ClientSampleId :

DRUM-1-4MS

Tot Ion:	152	Resp:	584761
Ion Ratio	Lower	Upper	
152	100		
151	19.7	17.0	25.4
153	13.6	11.0	16.6

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#50

Dimethylphthalate

Concen: 55.564 ng

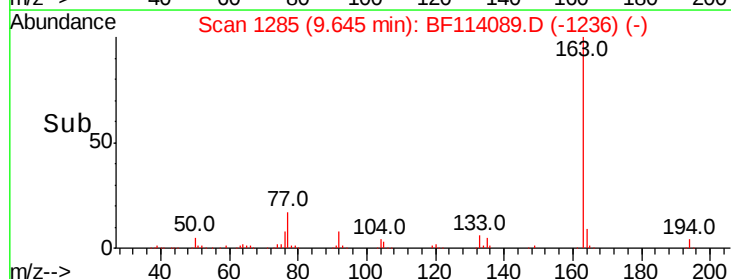
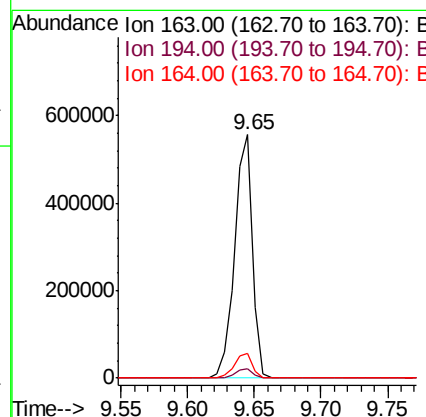
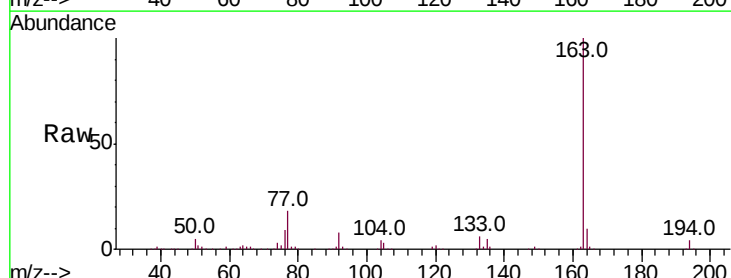
RT: 9.65 min Scan# 1285

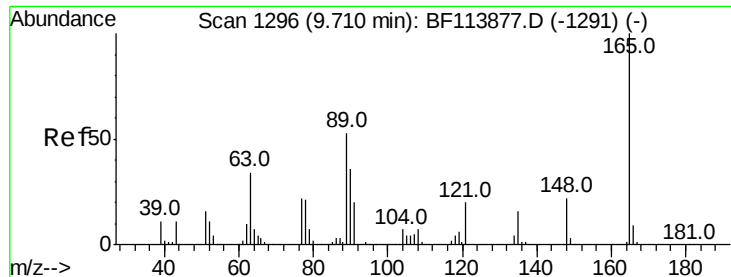
Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Tgt Ion:	163	Resp:	525291
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.2
164	10.1	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 48.939 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

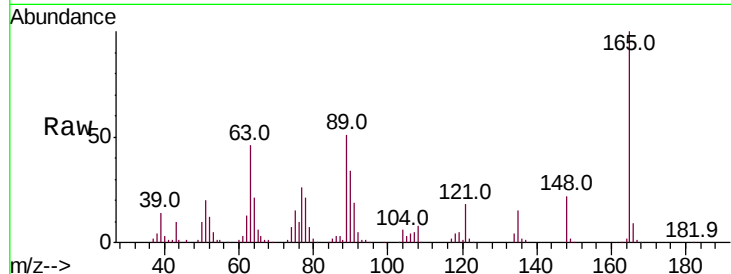
ClientSampleId :

DRUM-1-4MS

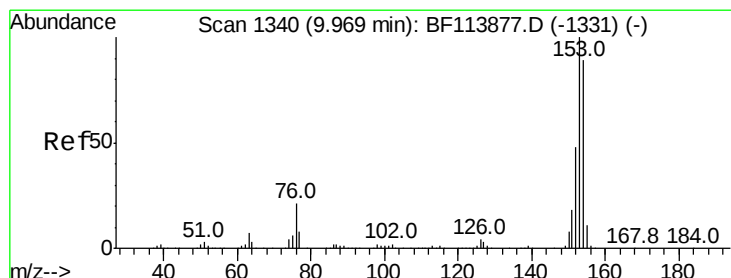
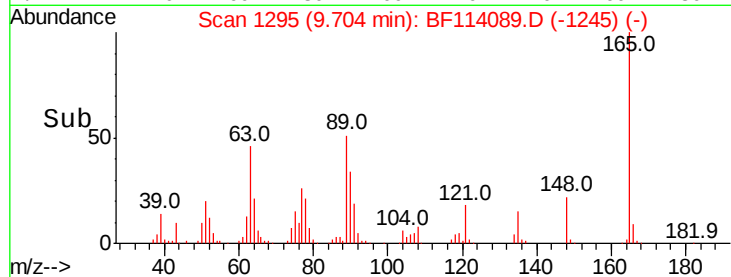
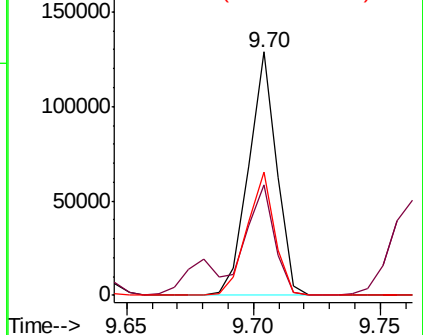
Tot Ion:	165	Resp:	99258
Ion Ratio	Lower	Upper	
165	100		
63	45.6	33.8	50.8
89	50.7	38.2	57.2

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



#52

Acenaphthene

Concen: 44.666 ng

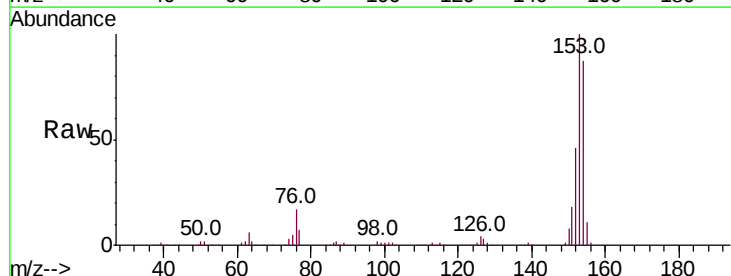
RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

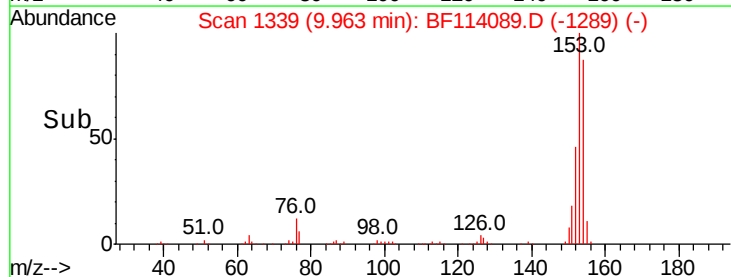
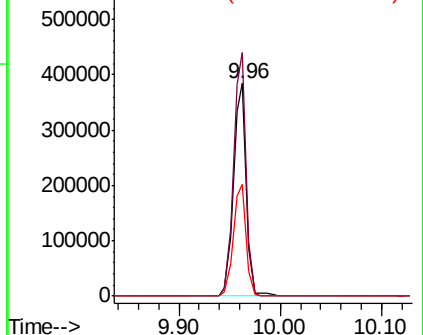
Lab File: BF114089.D

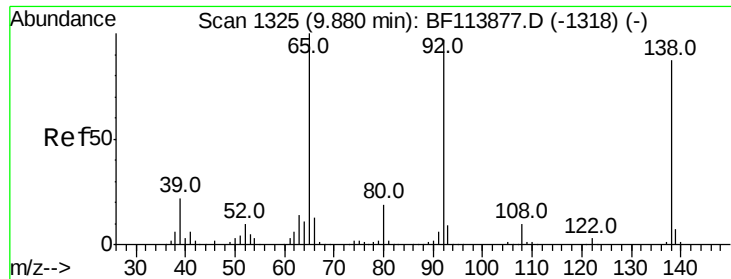
Acq: 2 May 2019 17:24

Tgt Ion:	154	Resp:	335588
Ion Ratio	Lower	Upper	
154	100		
153	114.6	87.2	130.8
152	52.9	42.3	63.5



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





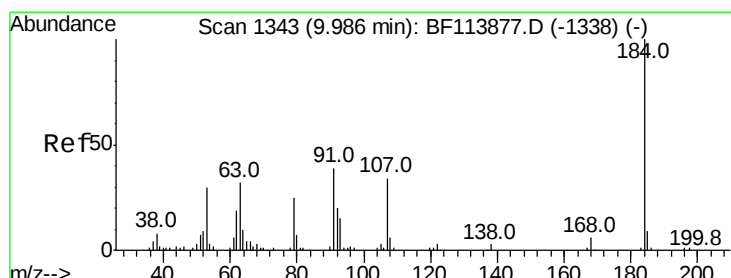
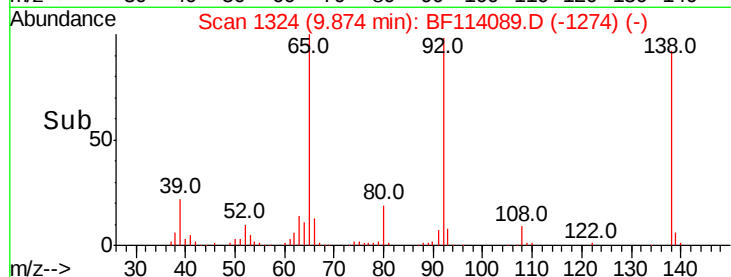
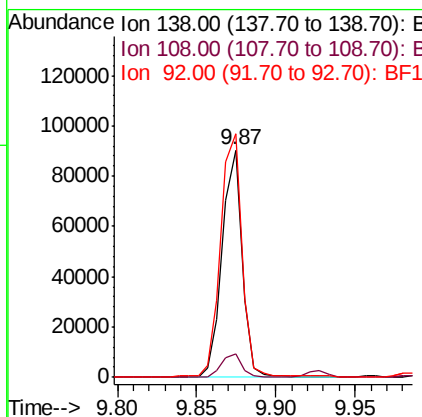
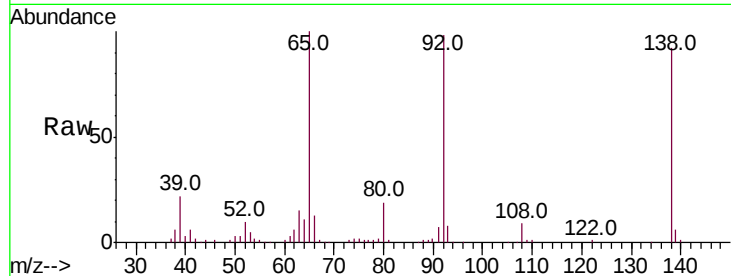
#53
 3-Nitroaniline
 Concen: 37.327 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.2
92	107.2	94.1	141.1

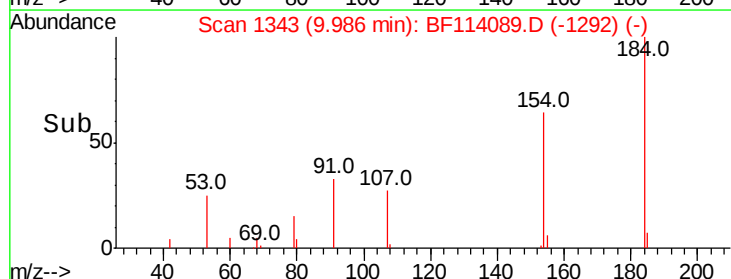
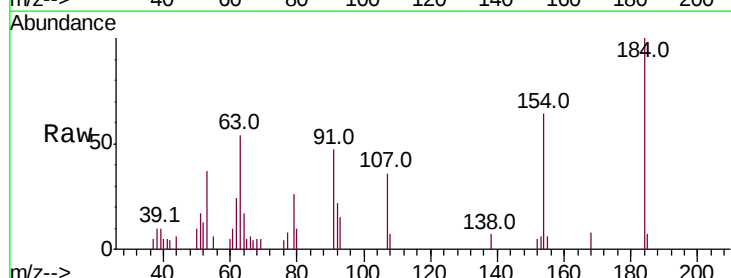
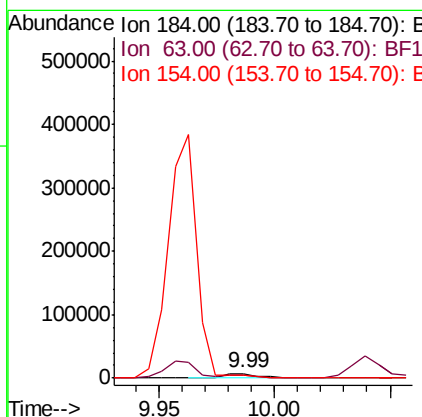
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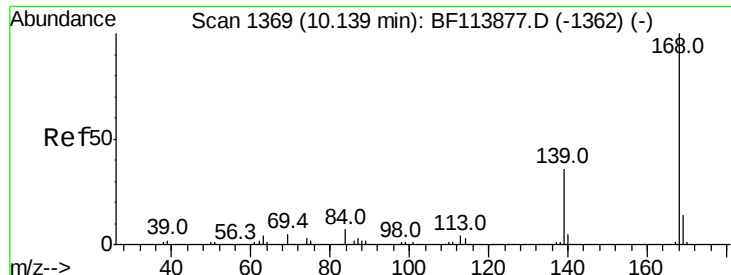
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#54
 2,4-Dinitrophenol
 Concen: 17.132 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.0	54.6	81.8#
154	63.9	218.6	328.0#





#55

Dibenzenofuran

Concen: 47.553 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

ClientSampleId :

DRUM-1-4MS

Tot Ion:168 Resp: 535176

Ion Ratio Lower Upper

168 100

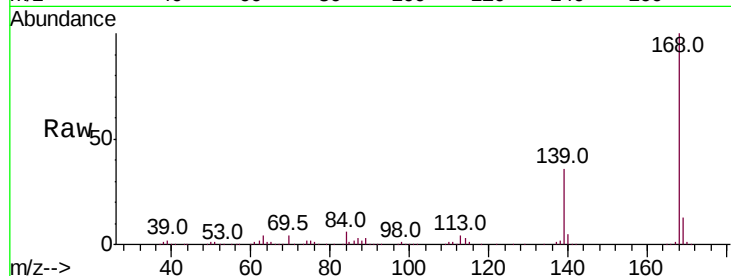
139 35.6 27.8 41.6

169 13.4 11.0 16.6

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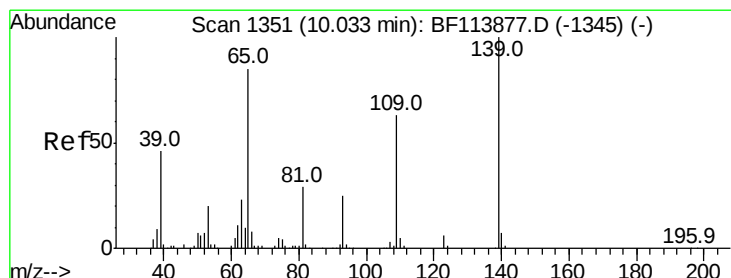
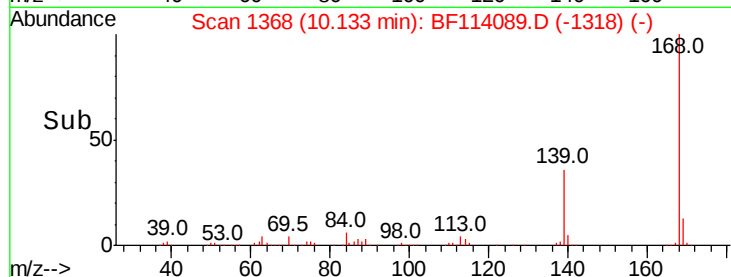
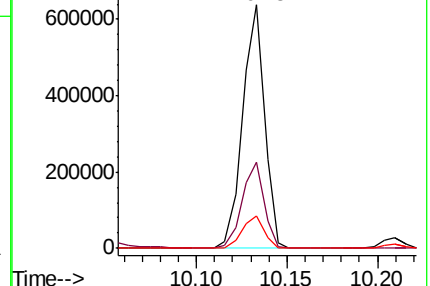
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.586 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

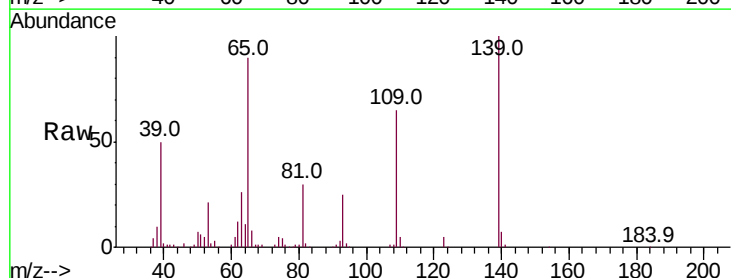
Tgt Ion:139 Resp: 142737

Ion Ratio Lower Upper

139 100

109 65.1 42.9 82.9

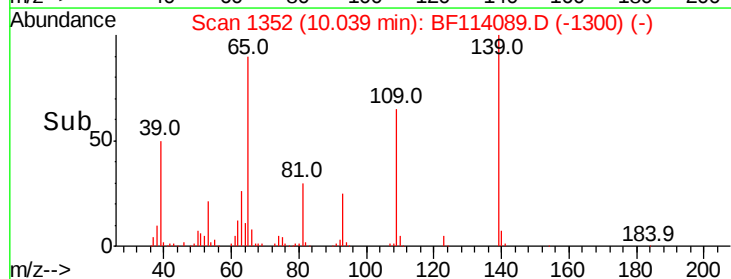
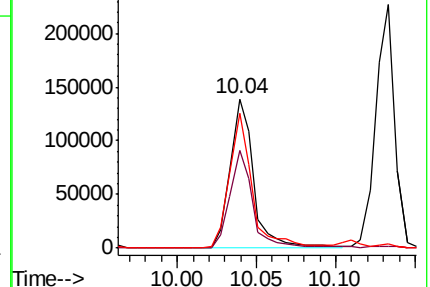
65 89.9 64.4 104.4

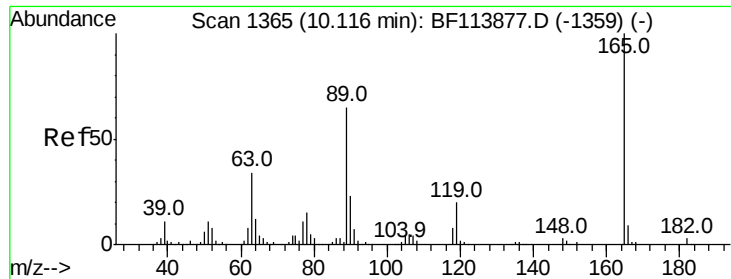


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 52.634 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

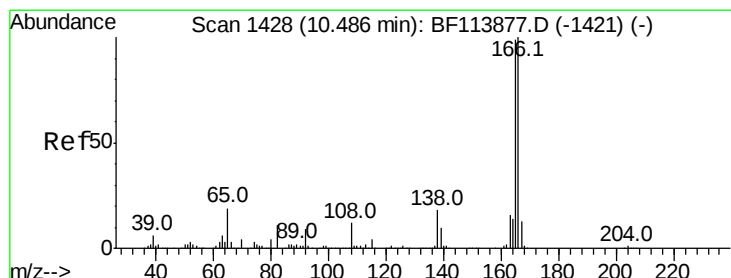
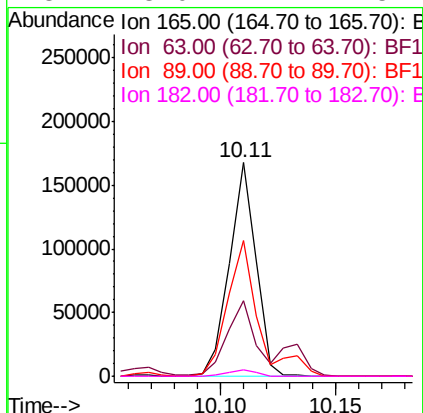
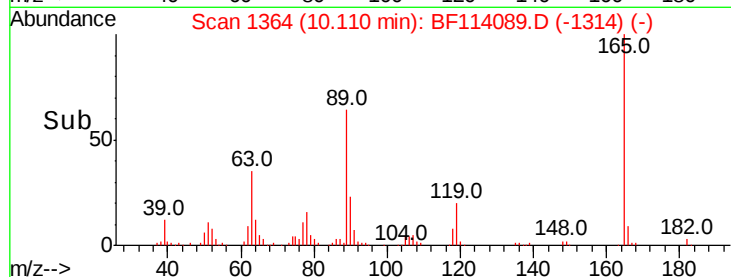
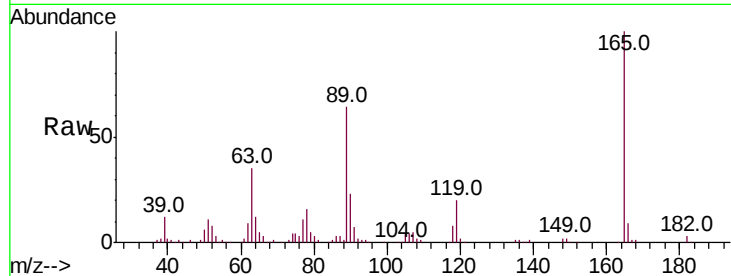
ClientSampleId :

DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.3	27.4	41.0	
89	63.8	51.8	77.6	
182	3.0	2.2	3.2	

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#58

Fluorene

Concen: 49.519 ng

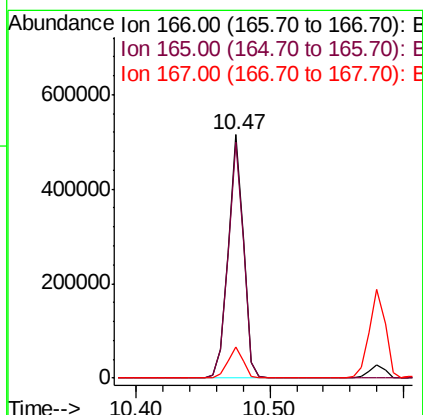
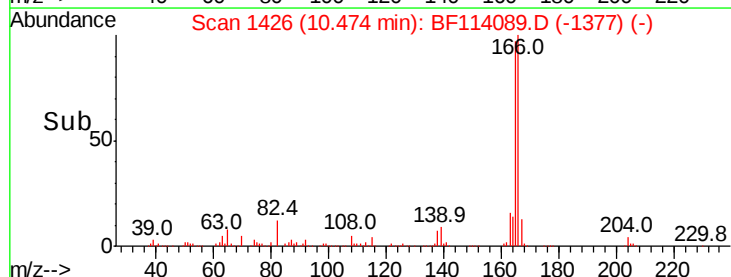
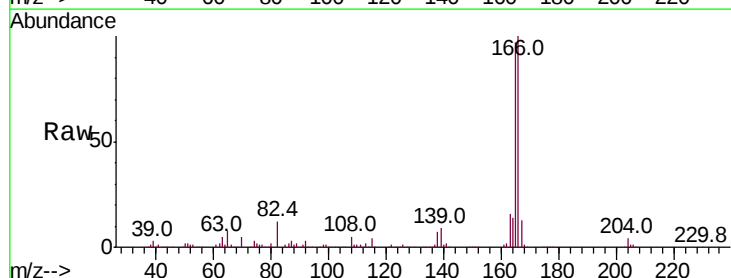
RT: 10.47 min Scan# 1426

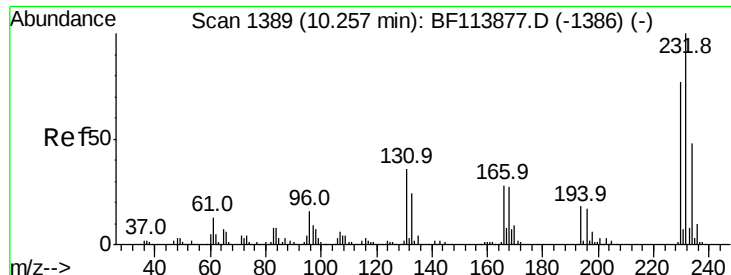
Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.8	78.4	117.6	
167	12.9	10.9	16.3	





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.480 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

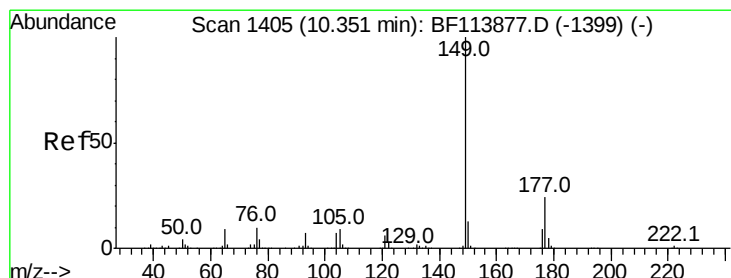
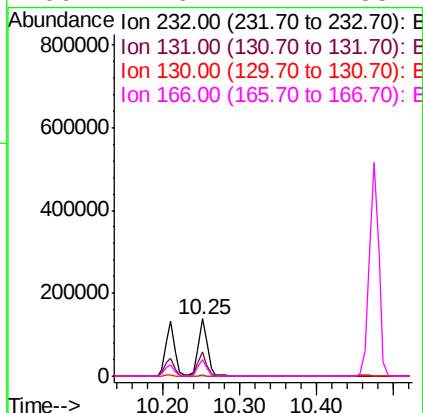
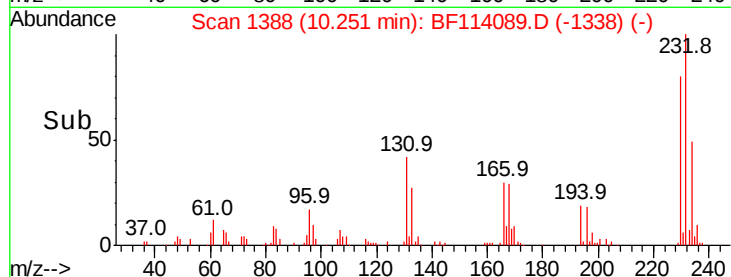
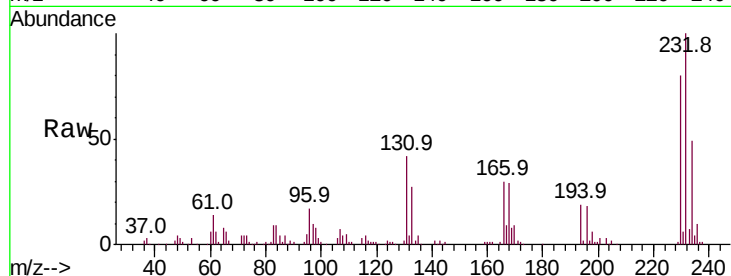
ClientSampleId :

DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	120872		
131	38.9		30.2	45.2
130	1.8		1.5	2.3
166	27.6		22.2	33.4

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#60

Diethylphthalate

Concen: 47.666 ng

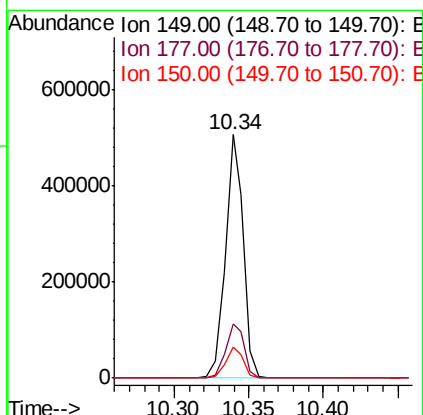
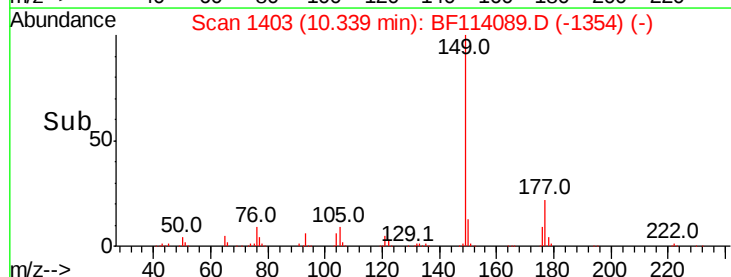
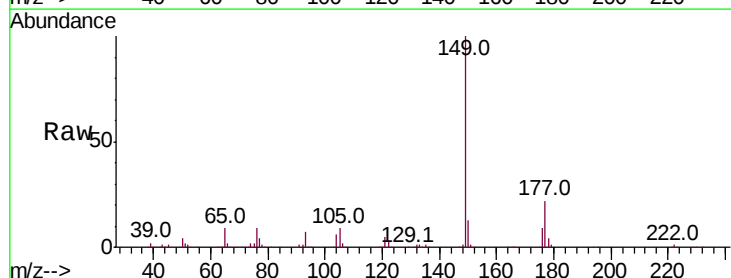
RT: 10.34 min Scan# 1403

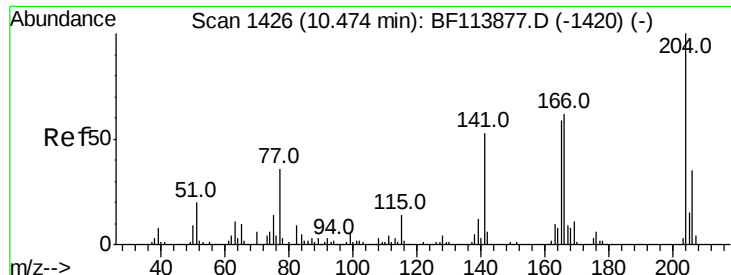
Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	427924		
177	22.3		19.2	28.8
150	12.6		10.3	15.5





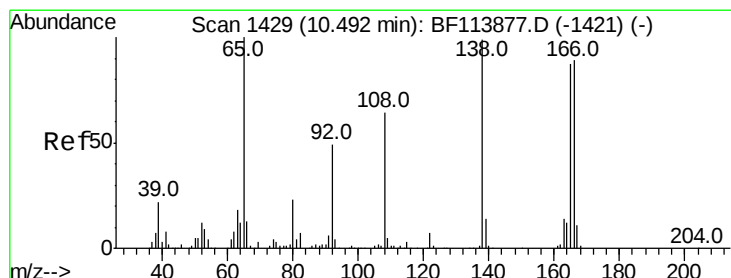
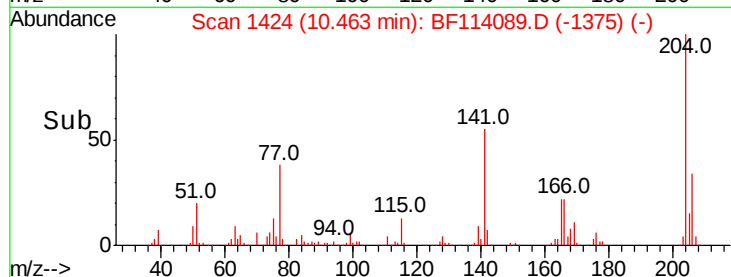
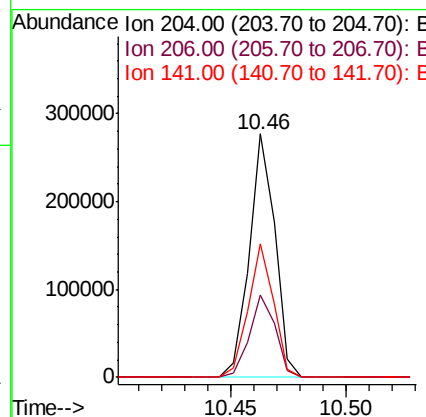
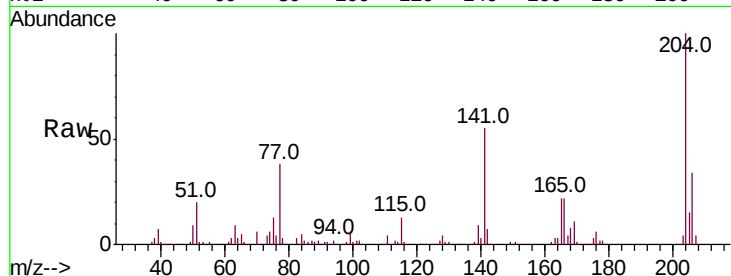
#61
4-Chlorophenyl-phenylether
Concen: 48.040 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.8	27.4	41.2
141	54.9	42.6	63.8

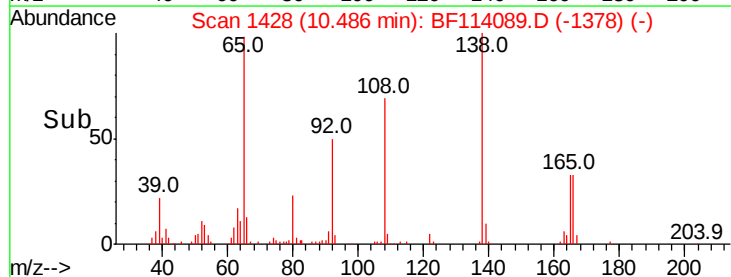
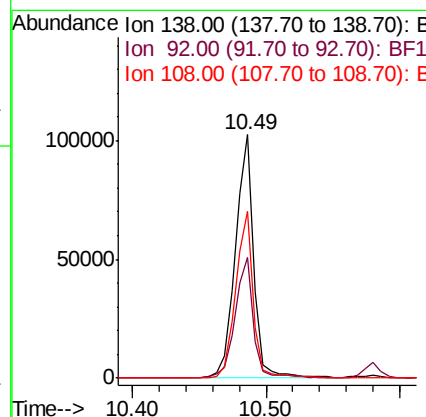
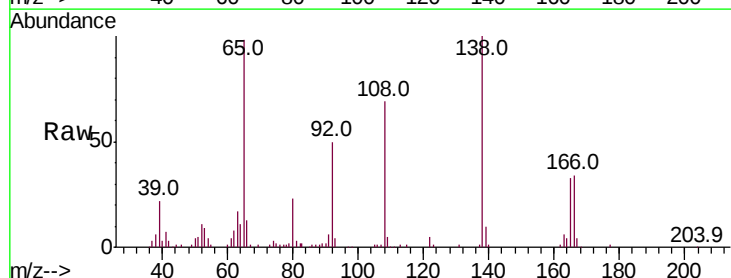
Manual Integrations
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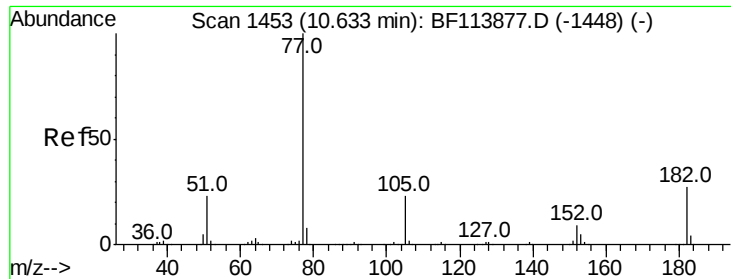
Sohil
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#62
4-Nitroaniline
Concen: 47.901 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	49.6	31.3	71.3
108	68.6	48.9	88.9





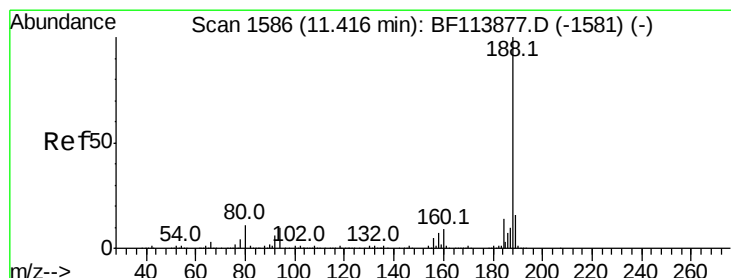
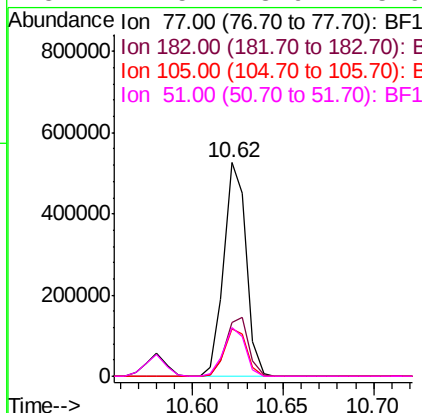
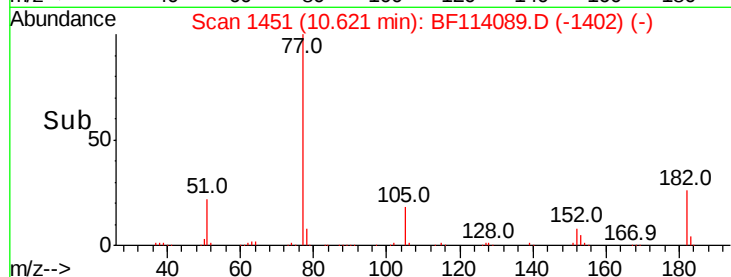
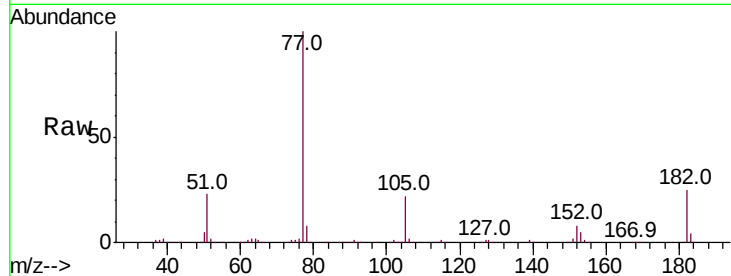
#63
Azobenzene
Concen: 52.006 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.4	44.4
105	22.0	2.2	42.2
51	22.5	3.9	43.9

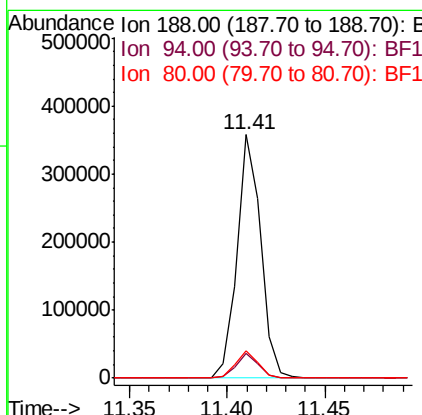
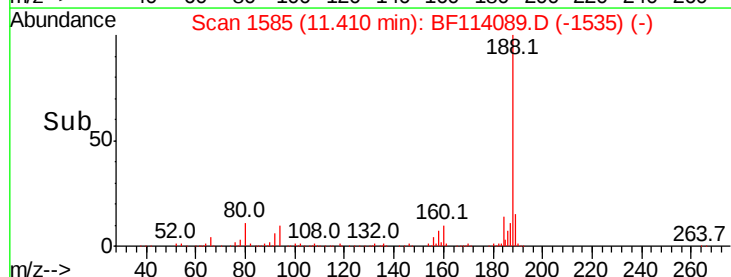
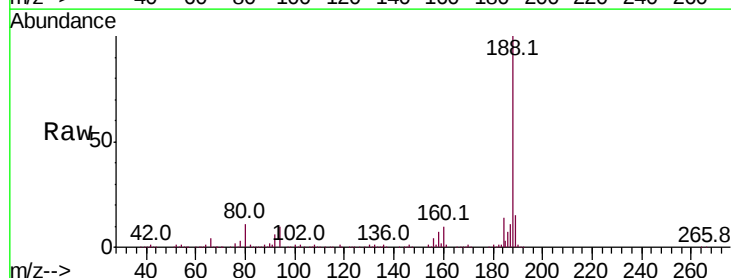
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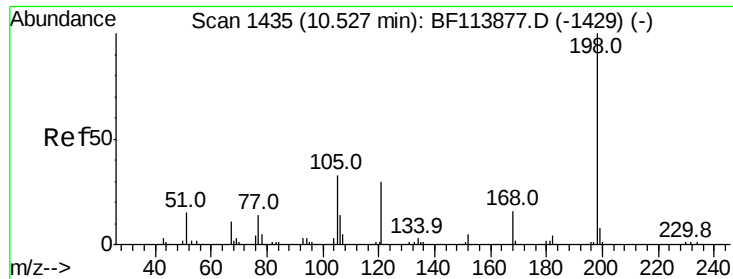
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.4
80	11.2	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 23.274 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

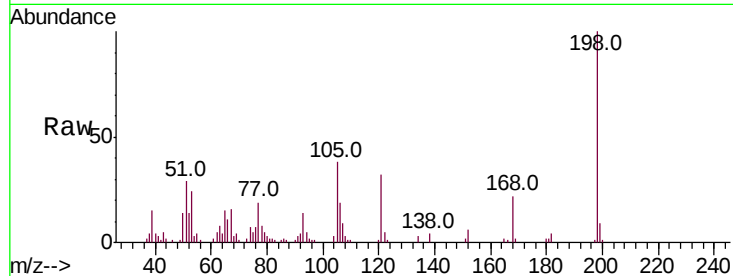
ClientSampleId :

DRUM-1-4MS

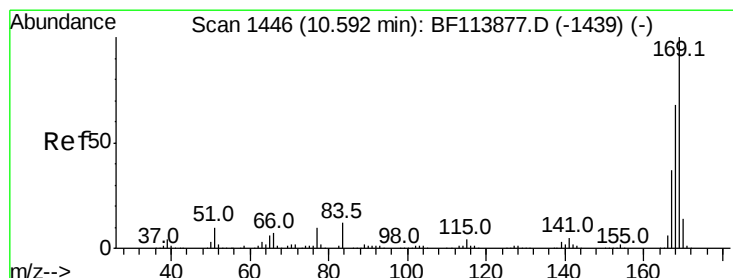
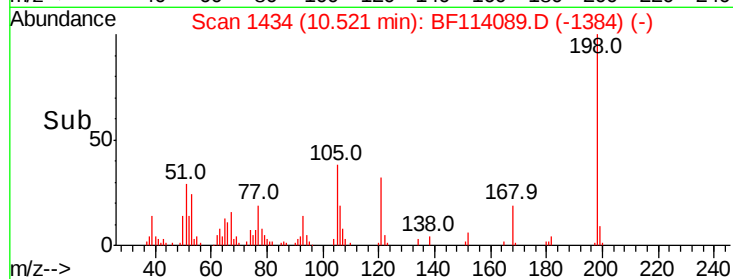
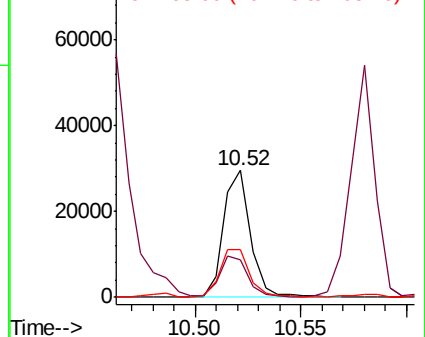
Tot Ion:	198	Resp:	26040
Ion Ratio	Lower	Upper	
198	100		
51	29.4	11.1	51.1
105	38.1	20.7	60.7

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.461 ng

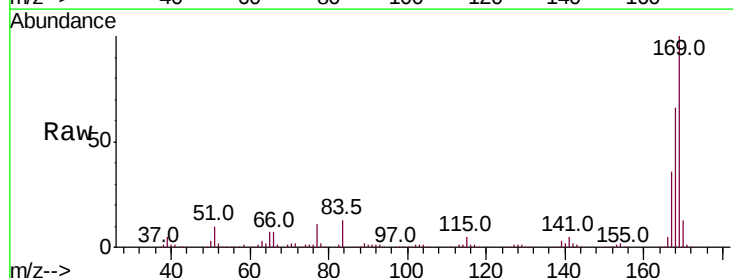
RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

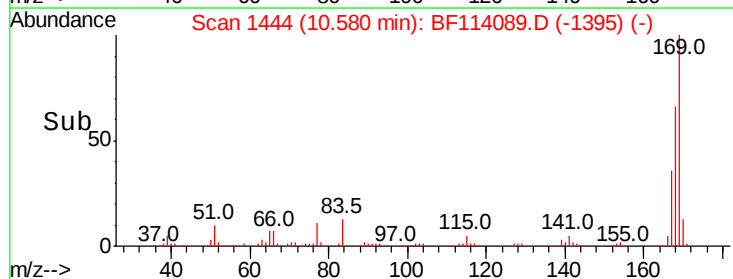
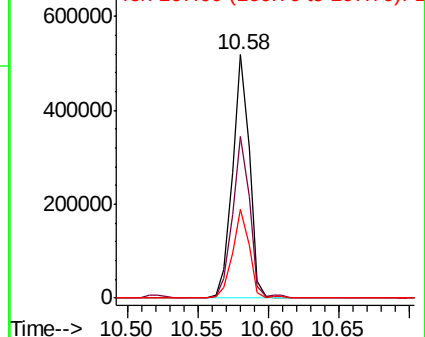
Lab File: BF114089.D

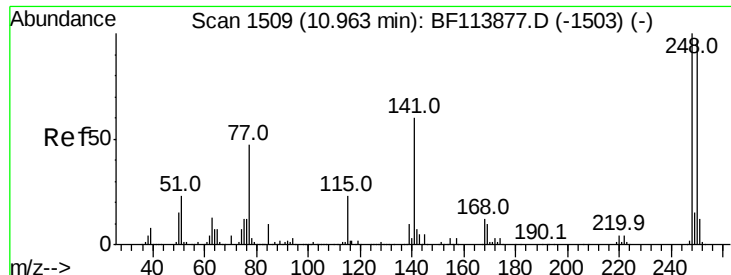
Acq: 2 May 2019 17:24

Tgt Ion:	169	Resp:	429599
Ion Ratio	Lower	Upper	
169	100		
168	66.3	54.3	81.5
167	36.3	29.4	44.0



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





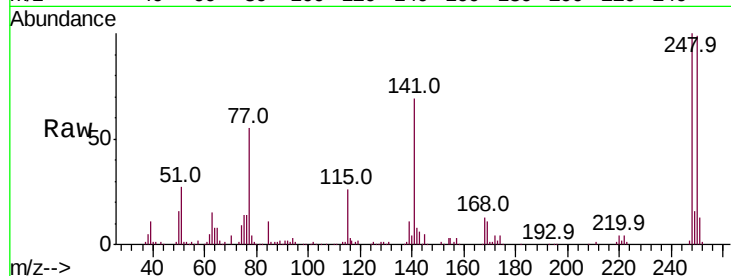
#67
4-Bromophenyl-phenylether
Concen: 40.770 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	75.8	113.6
141	69.4	50.2	75.4

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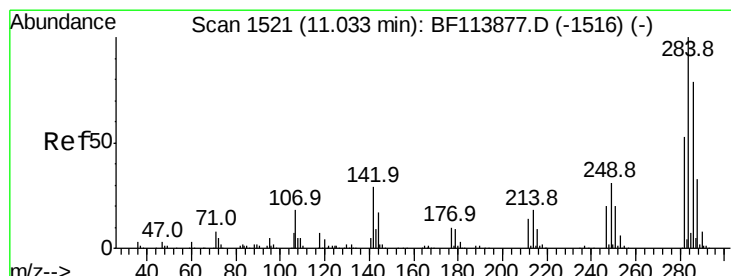
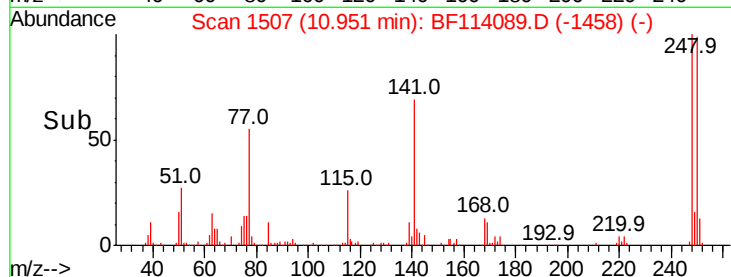
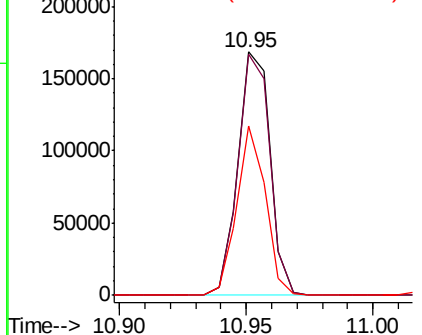


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.966 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

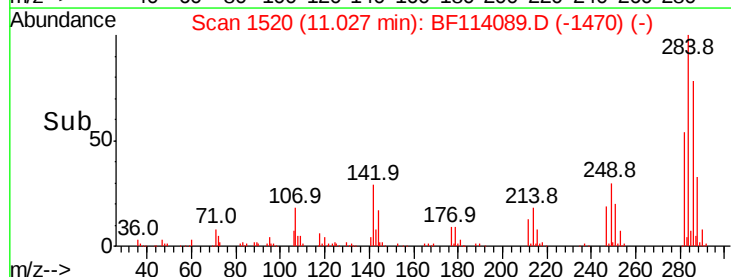
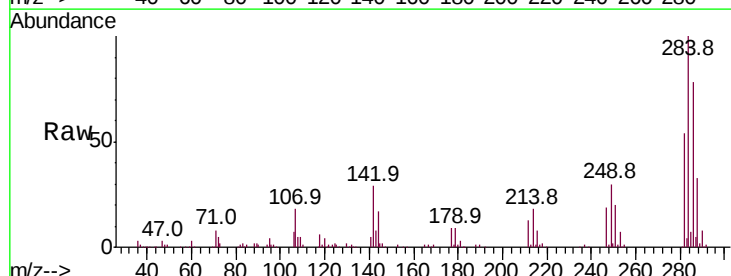
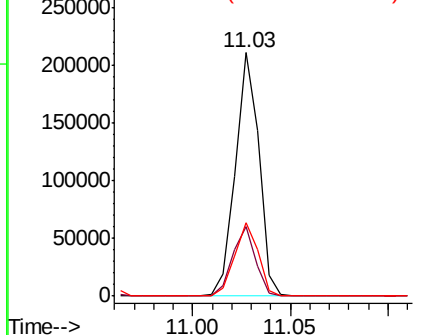
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	23.0	34.4
249	30.4	24.4	36.6

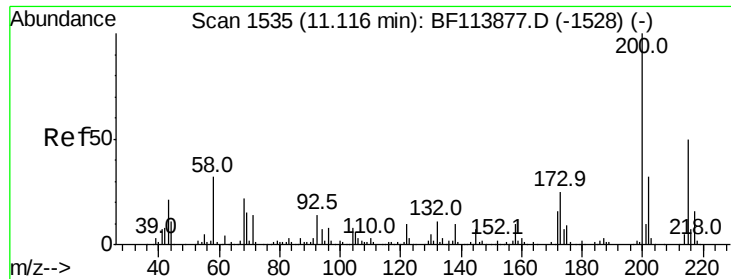
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





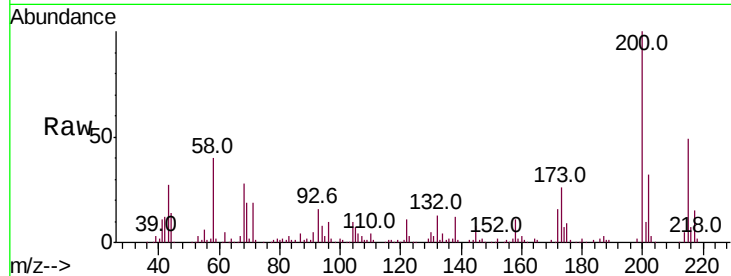
#69
Atrazine
Concen: 44.490 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.4	5.9	45.9	
215	48.9	29.3	69.3	

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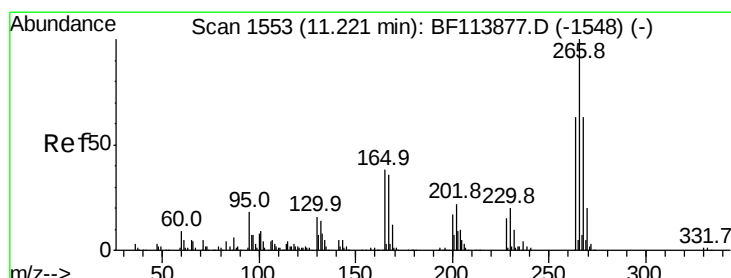
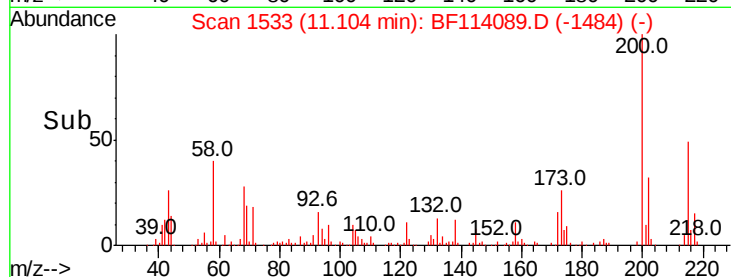
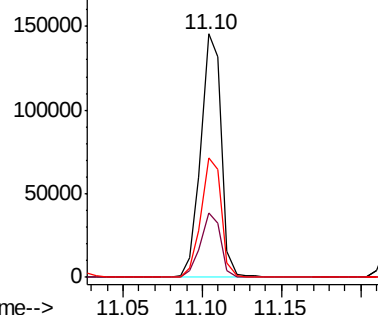


Abundance

Ion 200.00 (199.70 to 200.70): E

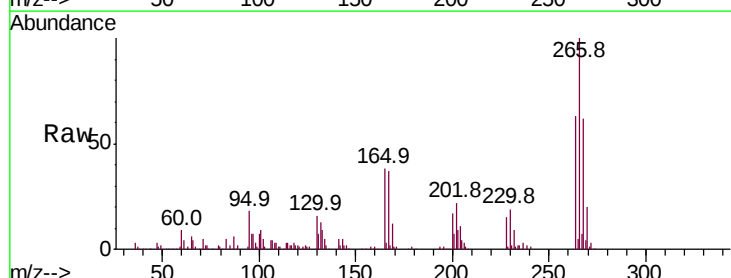
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 64.467 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.5	53.5	80.3	
264	63.1	51.0	76.6	

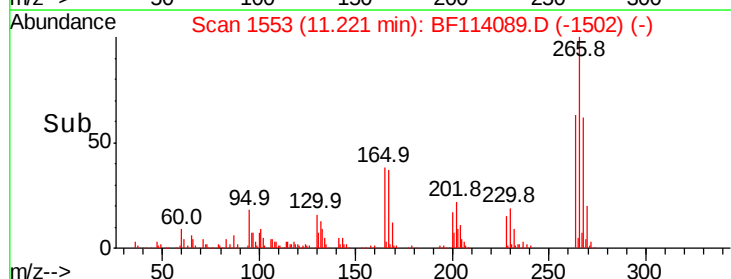
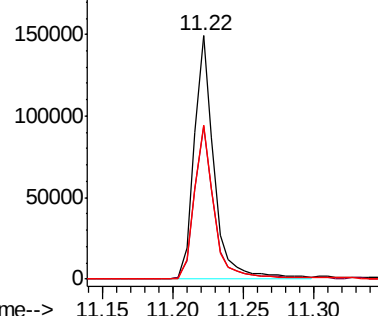


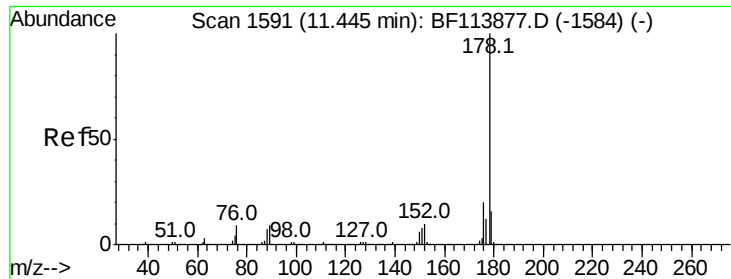
Abundance

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: 46.088 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

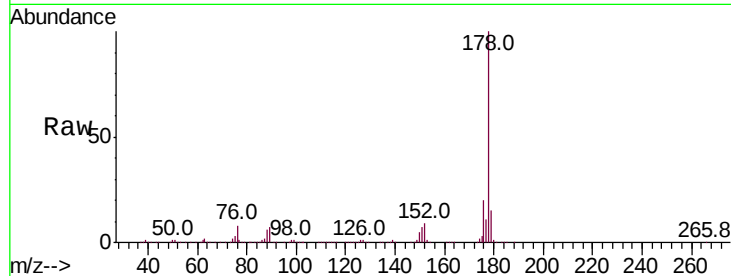
ClientSampleId :

DRUM-1-4MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.1	24.1
179	15.3	12.8	19.2

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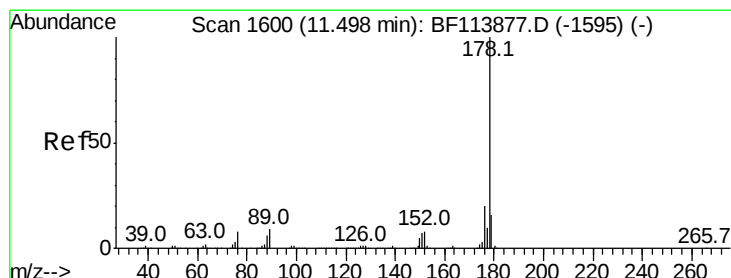
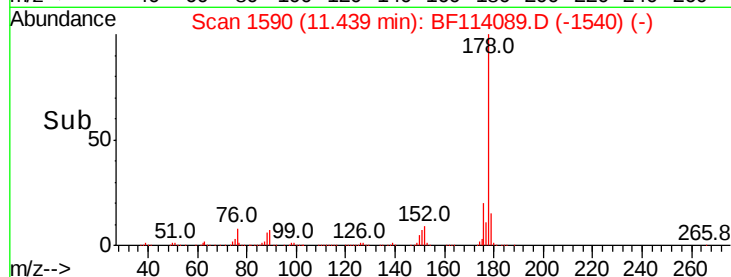
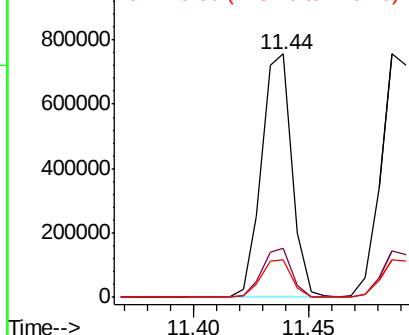


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.570 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

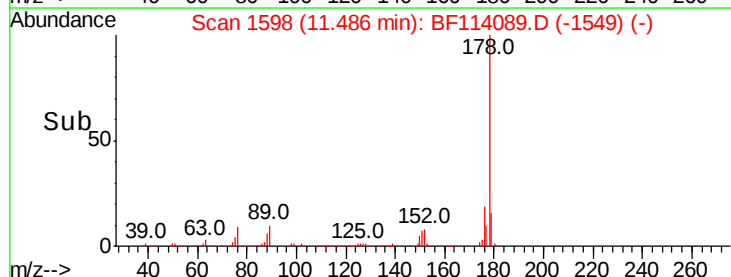
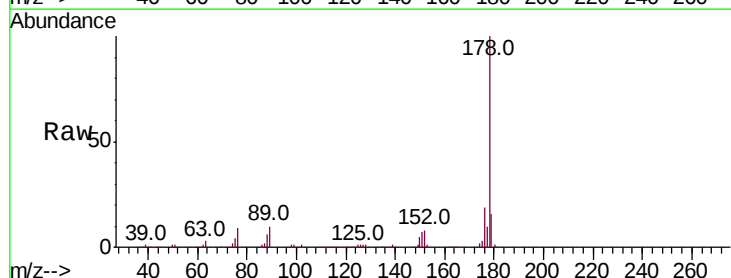
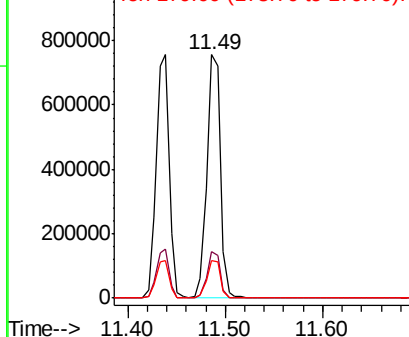
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.6	13.0	19.4

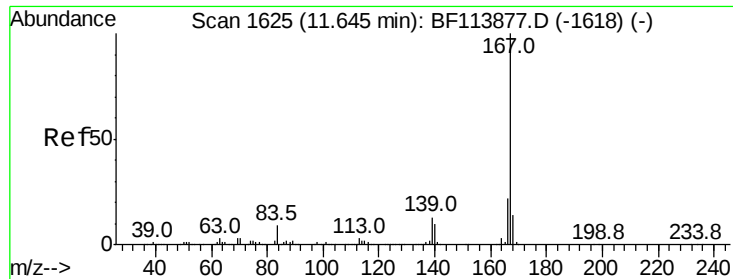
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





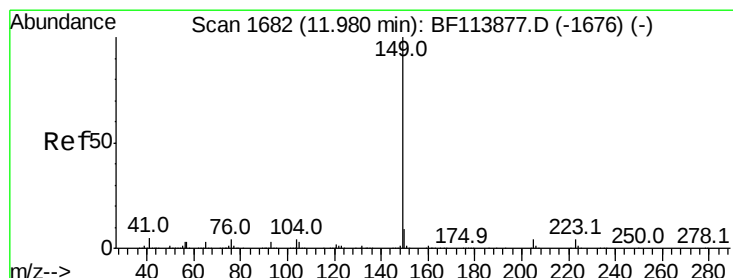
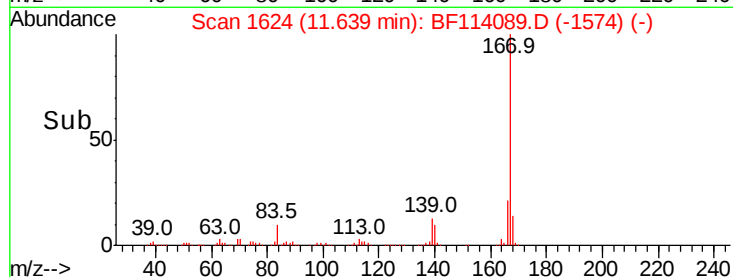
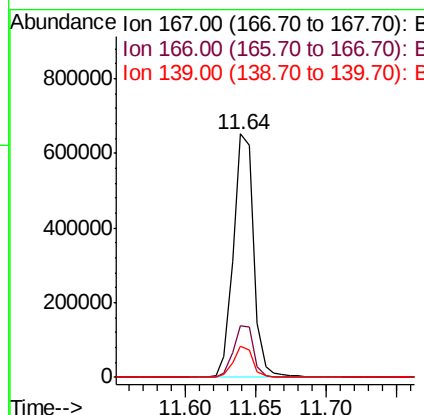
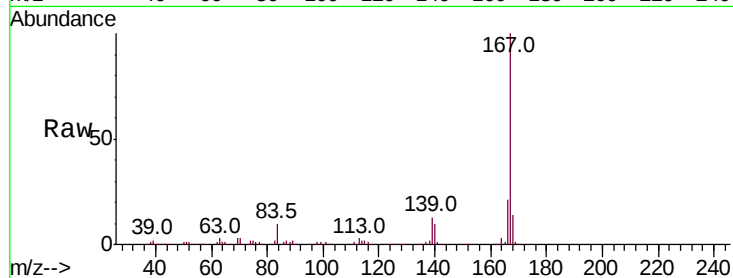
#73
 Carbazole
 Concen: 47.904 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.4	17.7	26.5	
139	12.6	10.0	15.0	

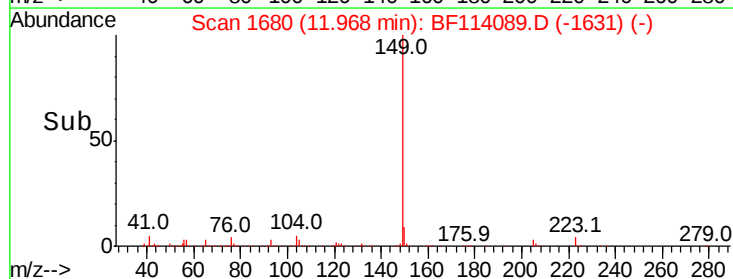
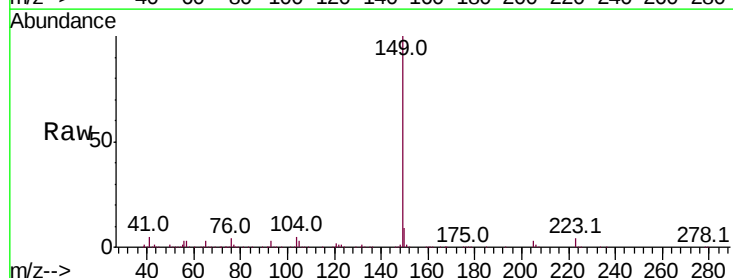
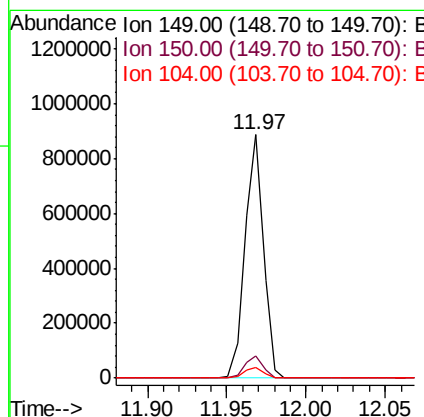
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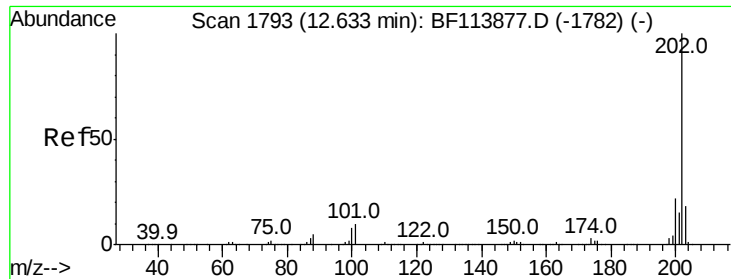
Sohil
 5/3/2019 4:33:02 PM



#74
 Di-n-butylphthalate
 Concen: 44.230 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.8	11.8	
104	4.5	3.8	5.8	





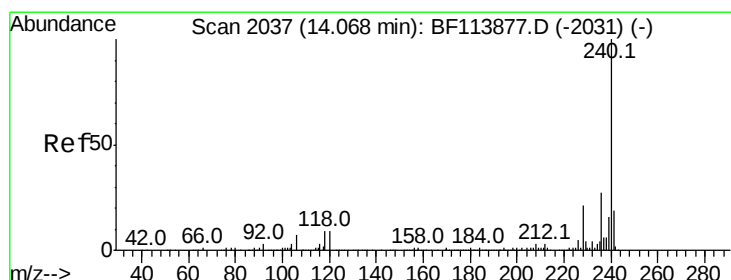
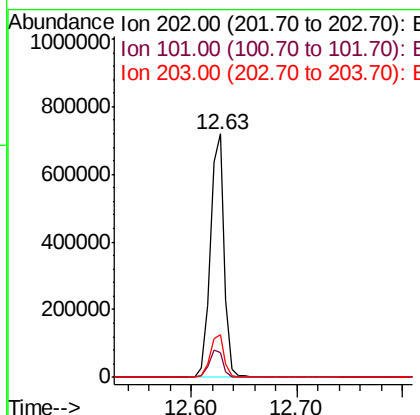
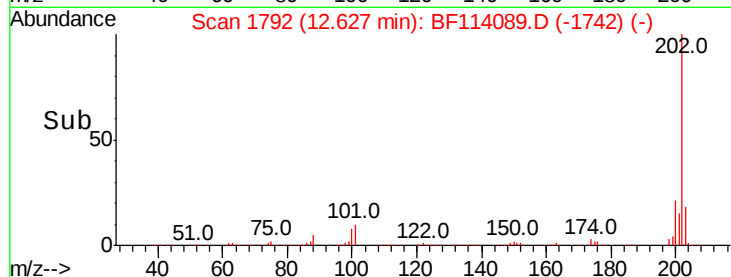
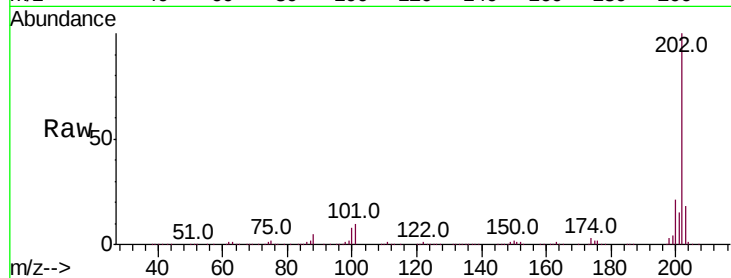
#75
 Fluoranthene
 Concen: 39.989 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	661441		
101	10.2		0.0	32.9
203	17.7		0.0	38.2

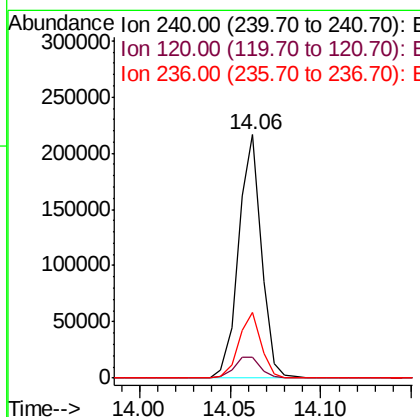
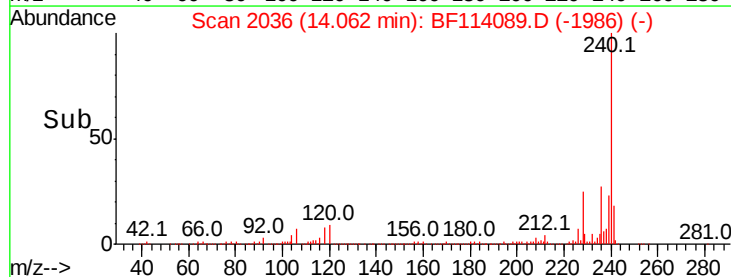
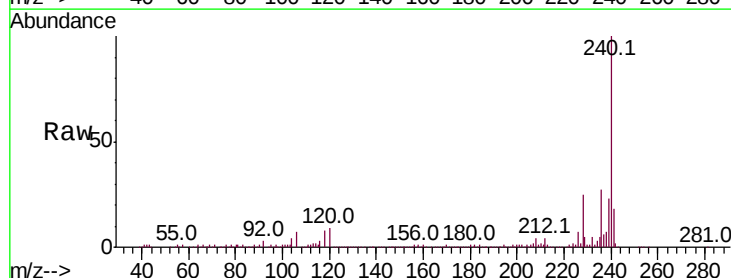
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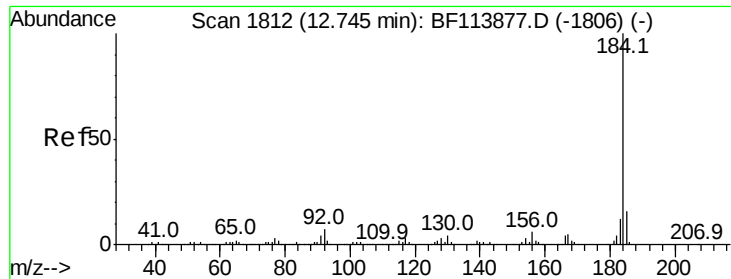
Sohil
 5/3/2019 4:33:02 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	188410		
120	8.7		9.3	13.9#
236	26.8		21.2	31.8





#77

Benzidine

Concen: 34.402 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

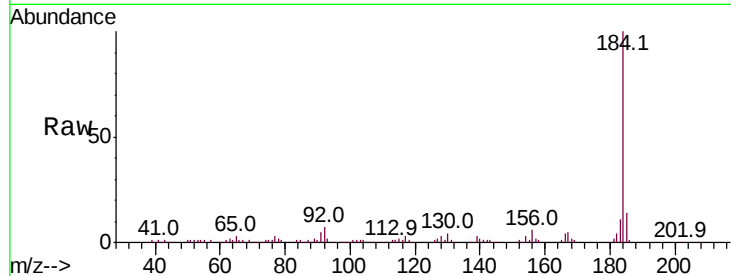
ClientSampleId :

DRUM-1-4MS

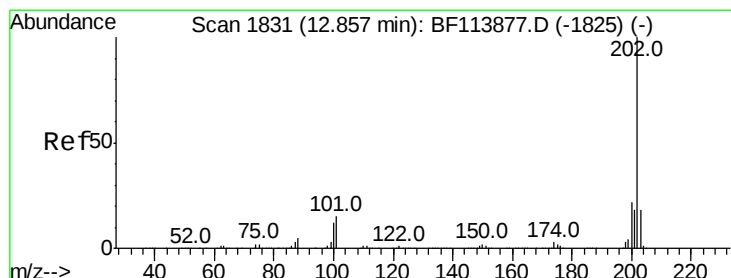
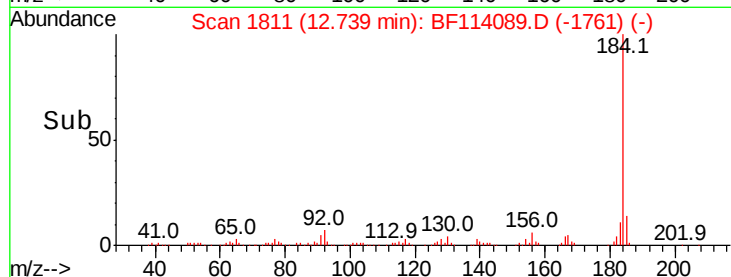
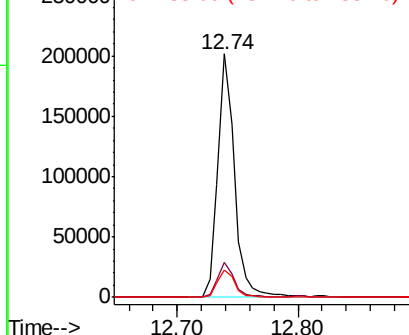
Tot Ion:	184	Resp:	193126
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.0	19.6
183	11.4	9.4	14.0

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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

Pyrene

Concen: 49.541 ng

RT: 12.86 min Scan# 1831

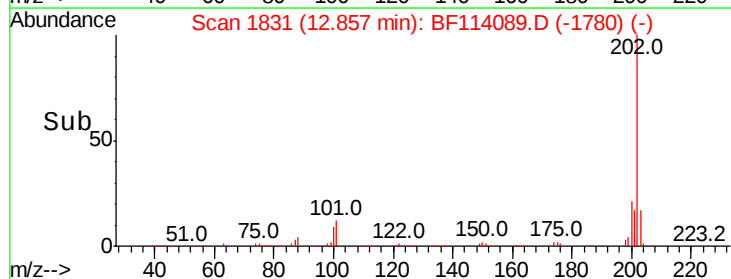
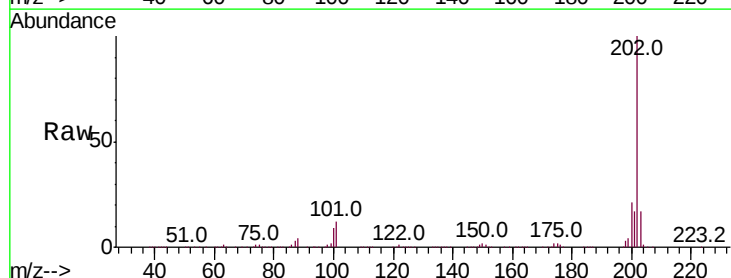
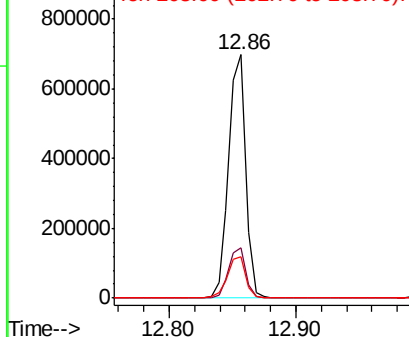
Delta R.T. -0.00 min

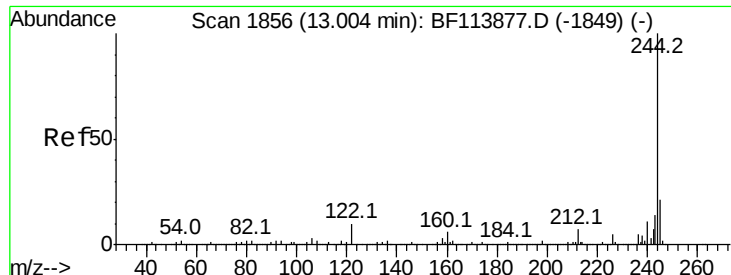
Lab File: BF114089.D

Acq: 2 May 2019 17:24

Tgt Ion:	202	Resp:	652742
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.7	26.5
203	17.1	15.0	22.6

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: 104.922 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

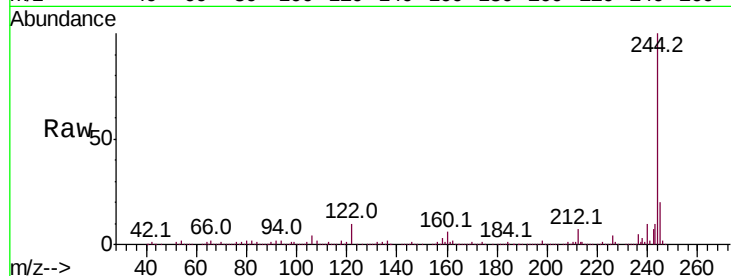
ClientSampleId :

DRUM-1-4MS

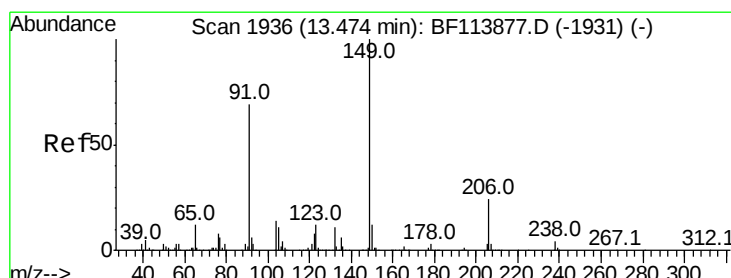
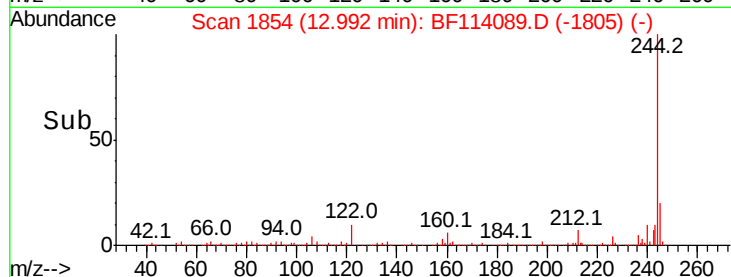
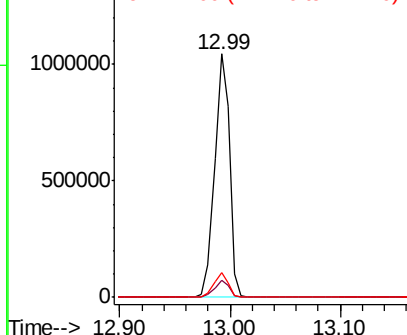
Tot Ion:	244	Resp:	964250
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.2
122	10.2	7.6	11.4

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



#80

Butylbenzylphthalate

Concen: 53.459 ng

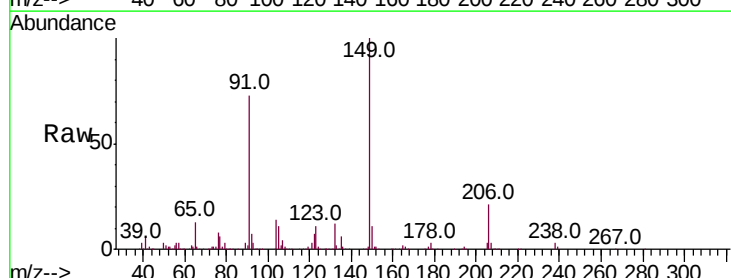
RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

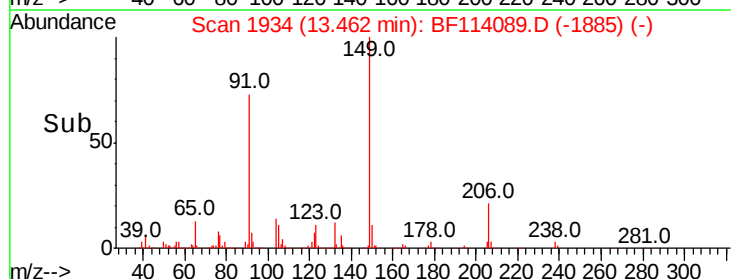
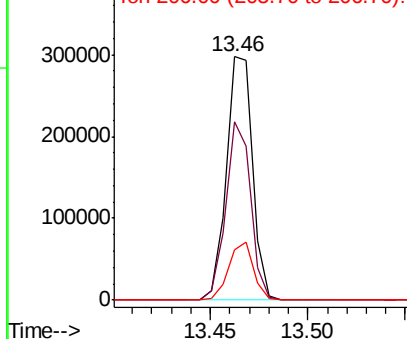
Lab File: BF114089.D

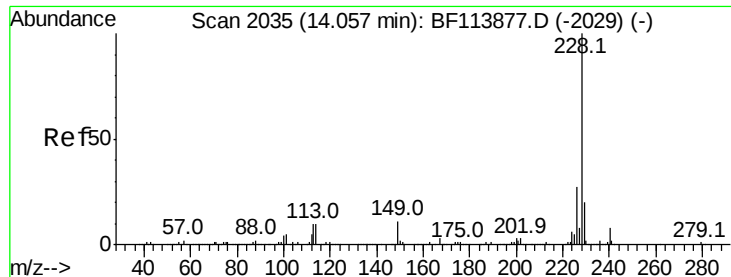
Acq: 2 May 2019 17:24

Tgt Ion:	149	Resp:	277129
Ion Ratio	Lower	Upper	
149	100		
91	73.4	56.3	84.5
206	20.7	19.0	28.6



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





#81

Benzo(a)anthracene

Concen: 48.377 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

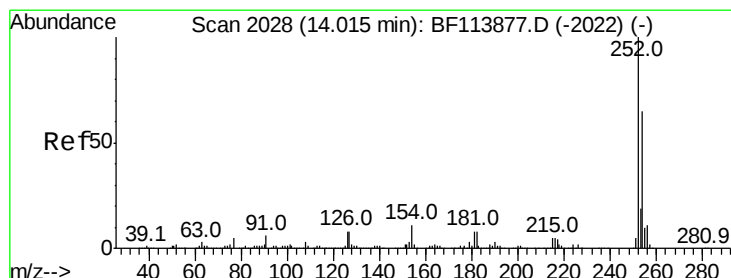
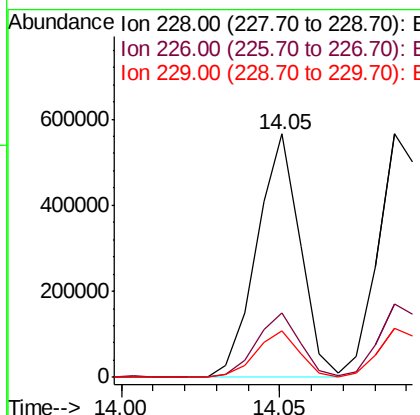
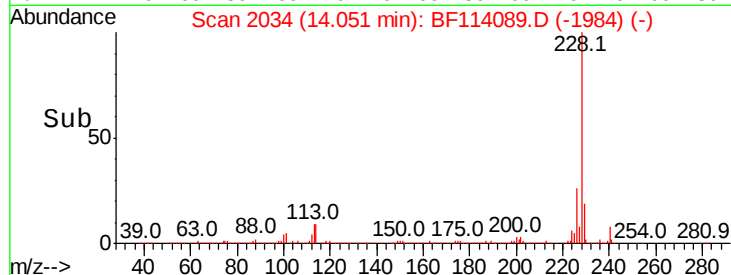
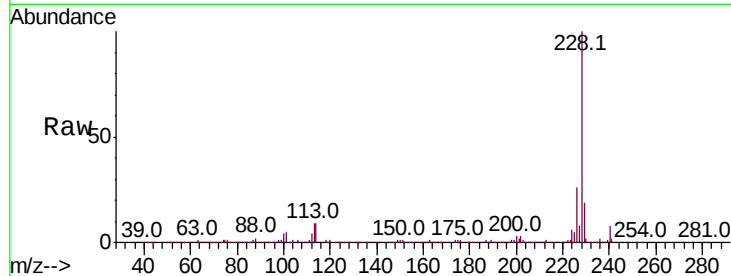
ClientSampleId :

DRUM-1-4MS

Tot Ion:	228	Resp:	537019
Ion Ratio	Lower	Upper	
228	100		
226	26.3	22.2	33.2
229	19.3	16.0	24.0

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#82

3,3'-Dichlorobenzidine

Concen: 36.949 ng

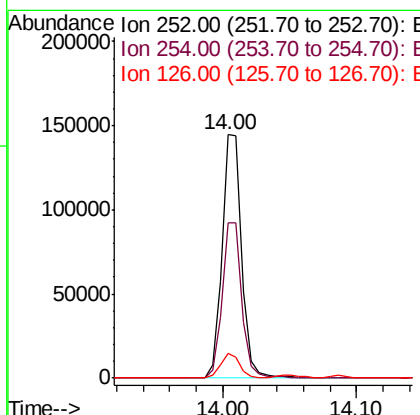
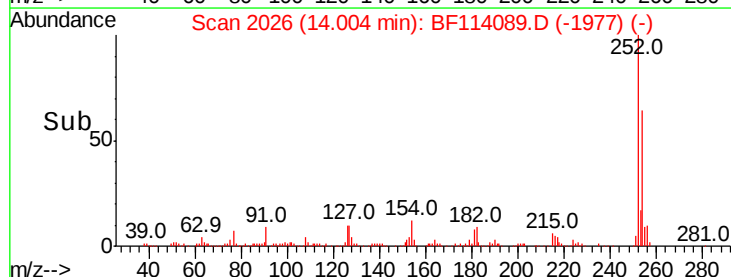
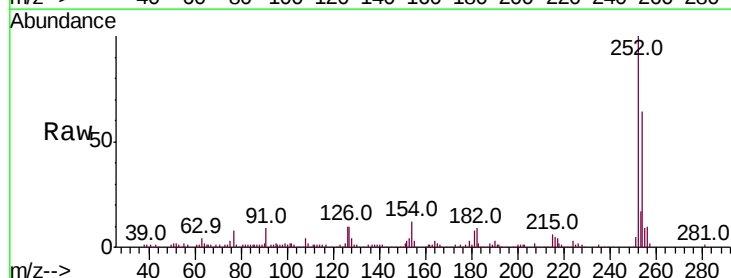
RT: 14.00 min Scan# 2026

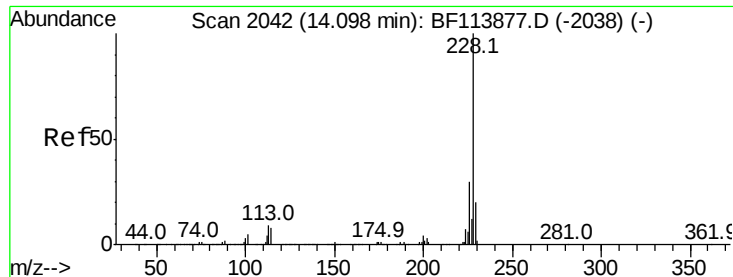
Delta R.T. -0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Tgt Ion:	252	Resp:	150335
Ion Ratio	Lower	Upper	
252	100		
254	63.6	52.1	78.1
126	10.4	9.3	13.9





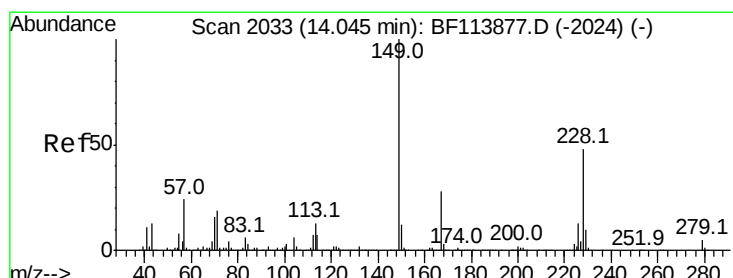
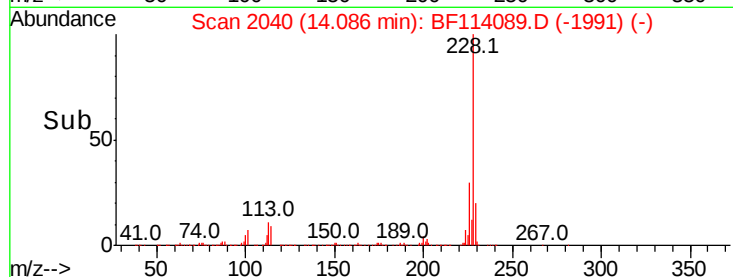
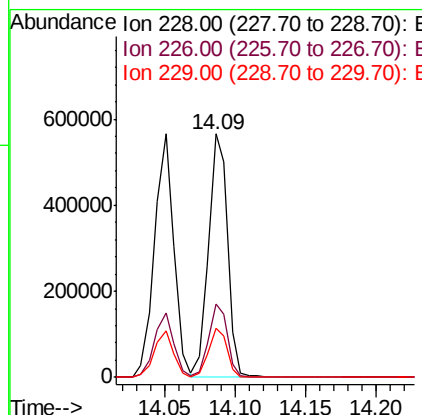
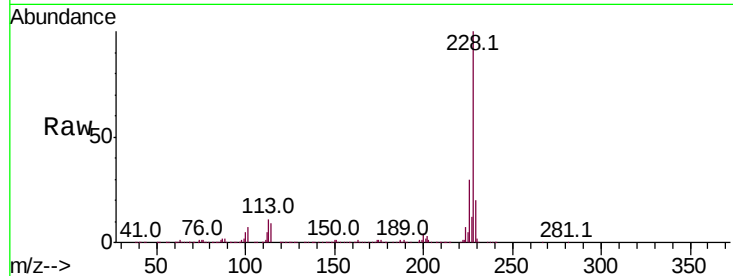
#83
Chrysene
Concen: 48.806 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	20.1	16.7	25.1

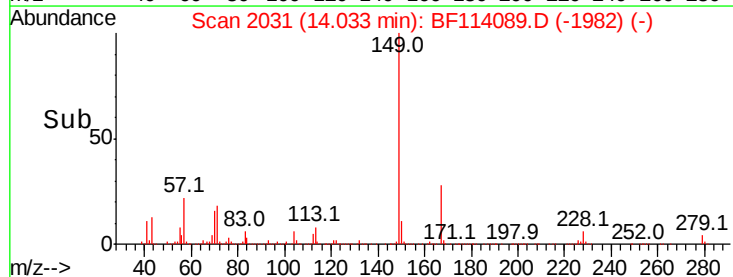
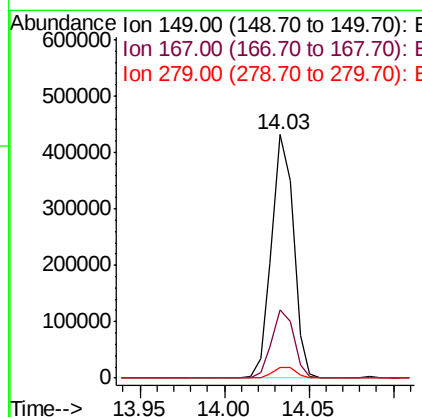
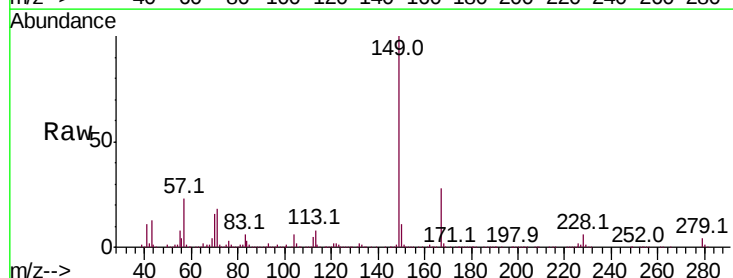
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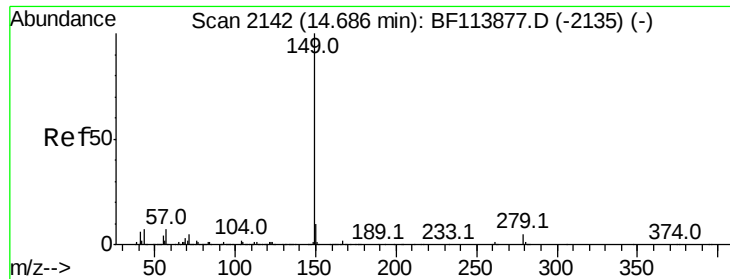
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#84
Bis(2-ethylhexyl)phthalate
Concen: 59.530 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.9	34.3
279	4.2	4.2	6.2





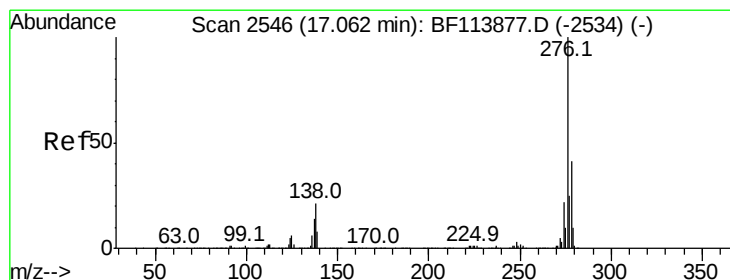
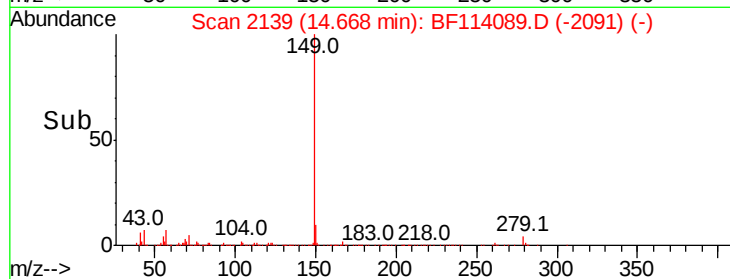
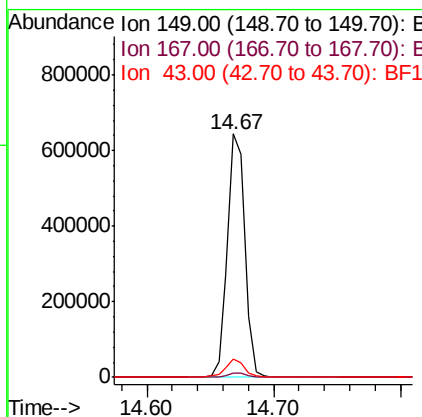
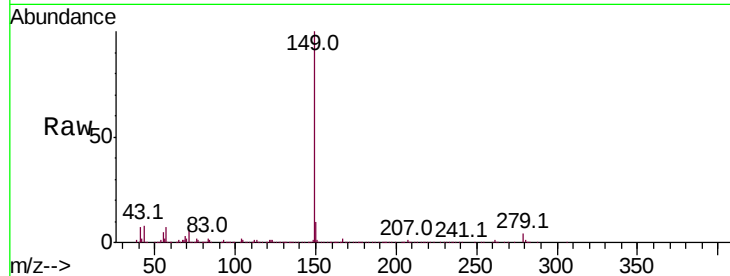
#85
Di-n-octyl phthalate
Concen: 59.020 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	609309		
167	1.6		1.3	1.9
43	7.1		6.6	10.0

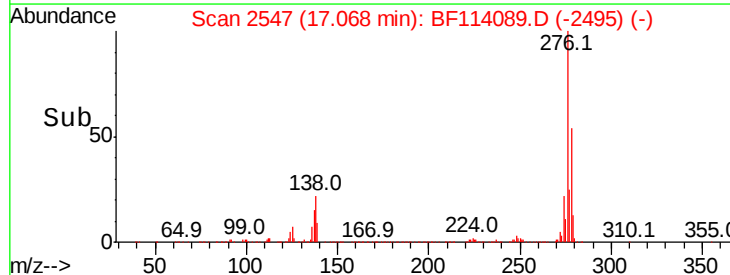
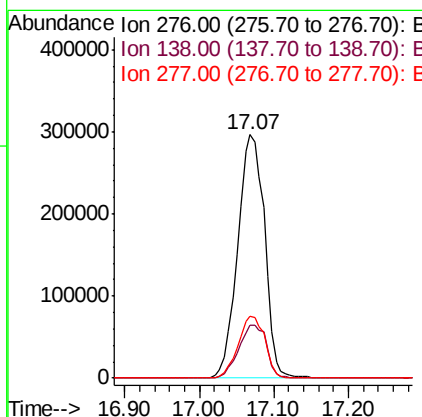
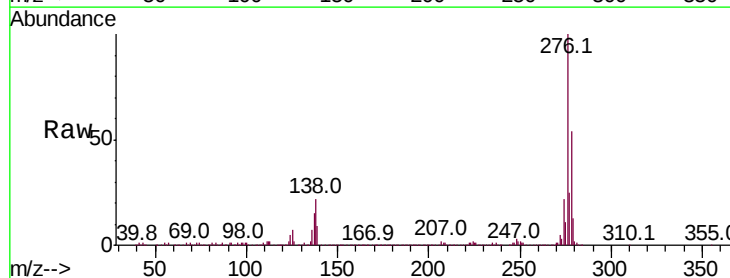
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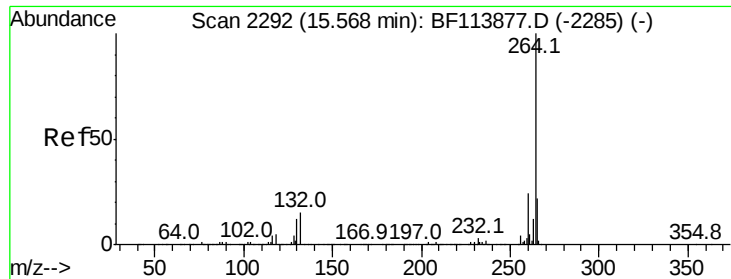
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 72.463 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	742062		
138	22.7		19.6	29.4
277	25.4		20.2	30.4





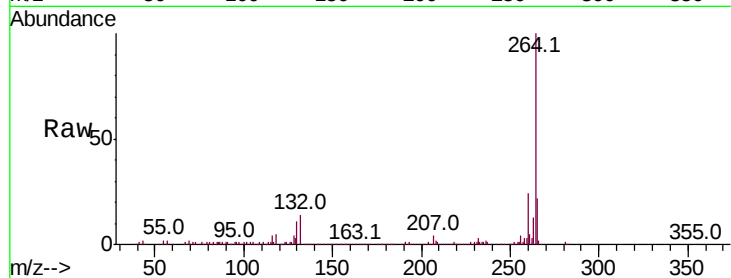
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.3	17.3	25.9

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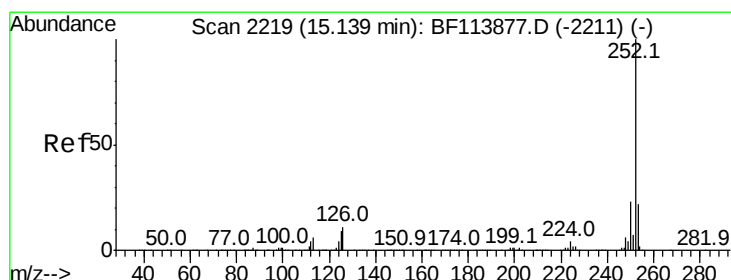
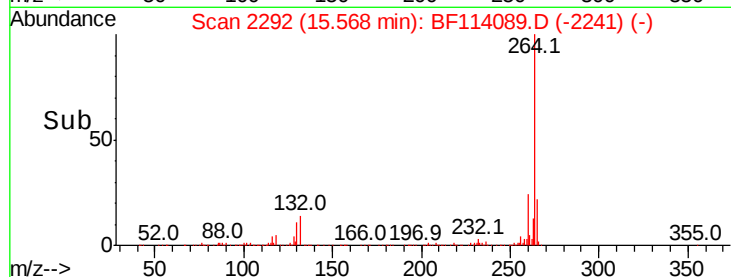
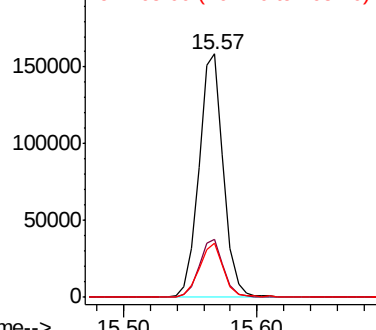


Abundance

Ion 264.00 (263.70 to 264.70): E

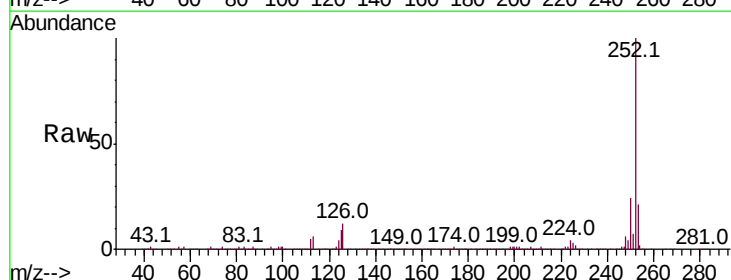
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
 Benzo(b)fluoranthene
 Concen: 41.491 ng
 RT: 15.13 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BF114089.D
 Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	8.8	7.0	10.6

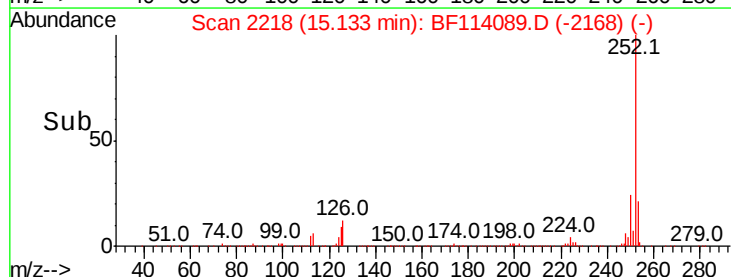
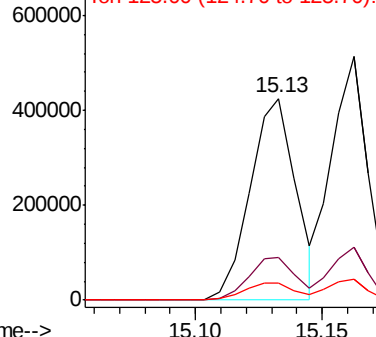


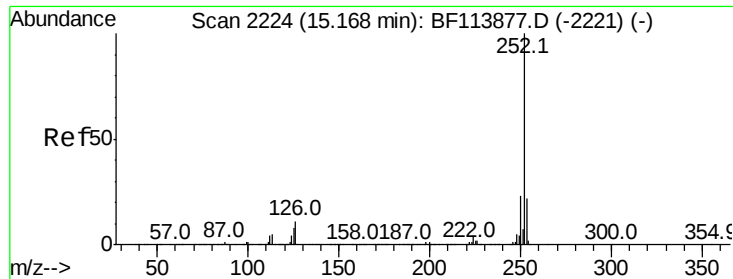
Abundance

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





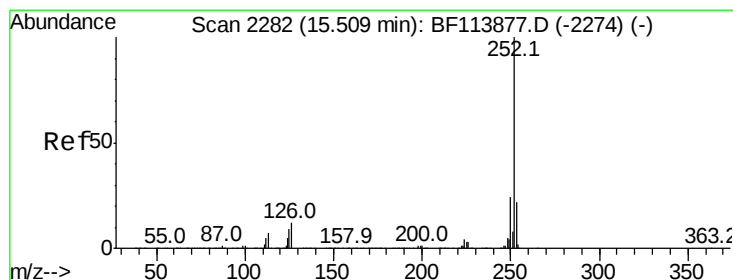
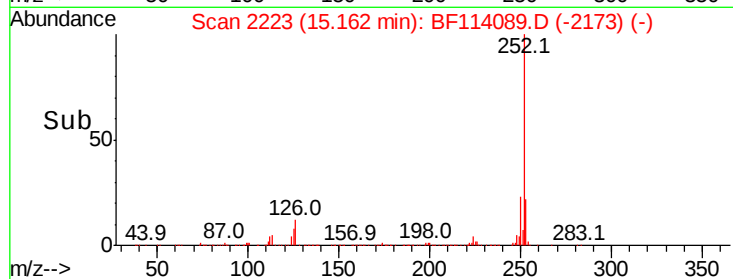
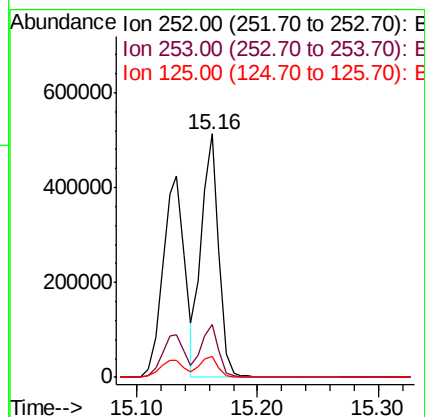
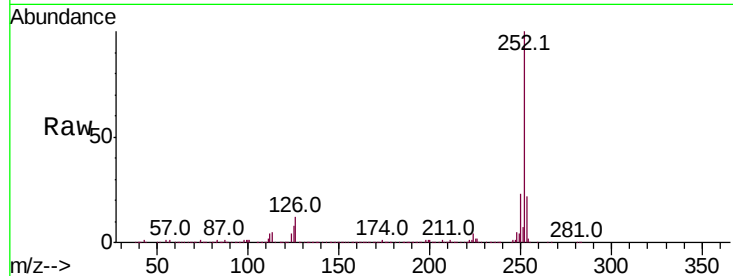
#89
Benzo(k)fluoranthene
Concen: 46.197 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	511361		
253	21.7	18.2	27.2	
125	8.5	7.4	11.2	

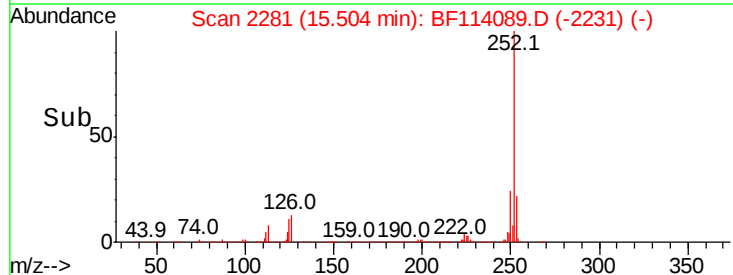
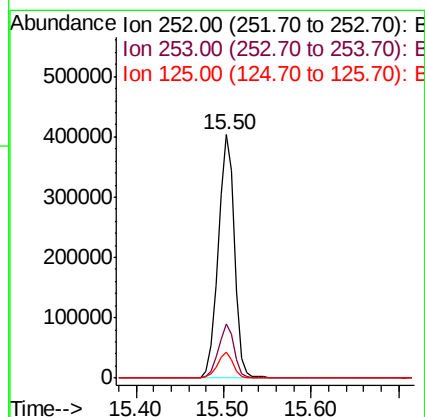
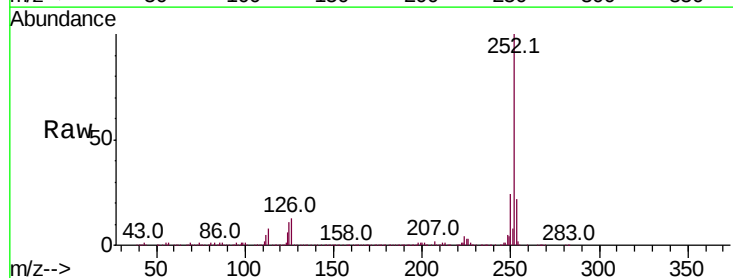
Manual Integrations
APPROVED

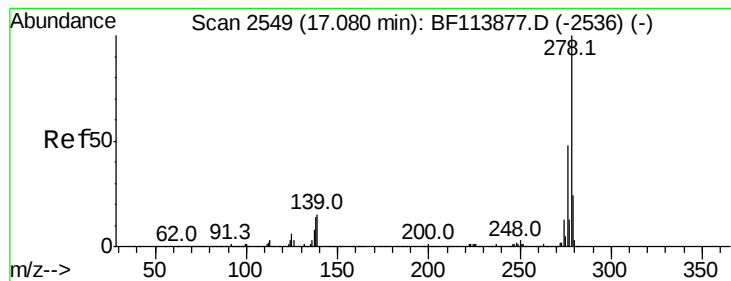
Sohil
5/3/2019 4:33:02 PM



#90
Benzo(a)pyrene
Concen: 46.900 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF114089.D
Acq: 2 May 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	522026		
253	22.1	17.5	26.3	
125	10.8	8.5	12.7	





#91

Dibenzo(a,h)anthracene

Concen: 60.596 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Instrument :

BNA_F

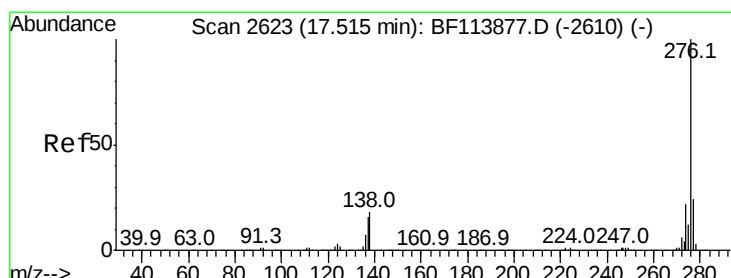
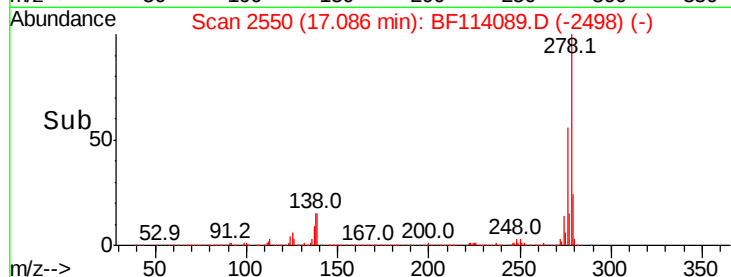
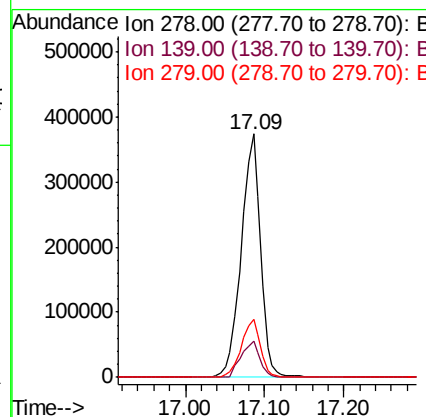
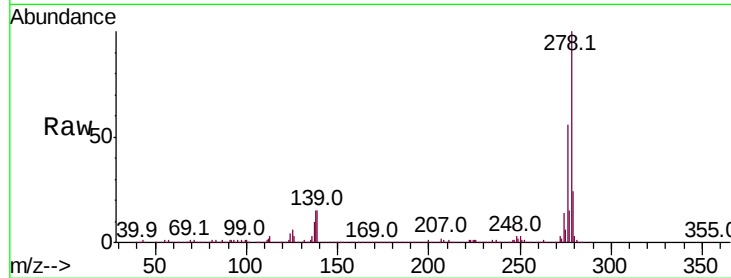
ClientSampleId :

DRUM-1-4MS

Tot Ion:278	Resp:	633135
Ion Ratio	Lower	Upper
278 100		
139 14.9	11.6	17.4
279 23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
5/3/2019 4:33:02 PM



#92

Benzo(g,h,i)perylene

Concen: 54.545 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BF114089.D

Acq: 2 May 2019 17:24

Tgt Ion:276	Resp:	575142
Ion Ratio	Lower	Upper
276 100		
277 23.2	19.0	28.4
138 19.5	16.6	25.0

