

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110215.D
 Acq On : 26 Oct 2018 17:44
 Operator : JU/SJ
 Sample : J5658-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-TS-001MS

Manual Integrations
 APPROVED

Sohil
 10/29/2018 11:56:41 AM

Quant Time: Oct 29 06:56:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136432	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	519990	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	214257	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	339519	20.00	ng	-0.01
76) Chrysene-d12	14.16	240	248050	20.00	ng	0.00
87) Perylene-d12	15.68	264	175075	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	999268	119.27	ng	0.00
7) Phenol-d6	6.60	99	1267887	118.32	ng	0.00
23) Nitrobenzene-d5	7.53	82	779672	88.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.81	330	235187	110.81	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1217858	89.26	ng	-0.01
79) Terphenyl-d14	13.09	244	898811	75.36	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	114712	26.133	ng	92
3) Pyridine	3.66	79	330485	33.803	ng	# 83
4) n-Nitrosodimethylamine	3.61	42	175611	42.873	ng	96
6) Aniline	6.64	93	293266	21.008	ng	# 52
8) 2-Chlorophenol	6.76	128	371271	38.437	ng	97
9) Benzaldehyde	6.52	77	176827	25.643	ng	98
10) Phenol	6.62	94	577555	50.421	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	345189	36.629	ng	92
12) 1,3-Dichlorobenzene	6.91	146	386037	36.317	ng	99
13) 1,4-Dichlorobenzene	6.99	146	391067	36.376	ng	98
14) 1,2-Dichlorobenzene	7.14	146	365642	36.637	ng	99
15) Benzyl Alcohol	7.11	79	322509	39.130	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	563966	37.428	ng	69
17) 2-Methylphenol	7.22	107	299869	38.954	ng	# 82
18) Hexachloroethane	7.48	117	128060	32.536	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	251399	36.568	ng	97
20) 3+4-Methylphenols	7.37	107	382038	38.394	ng	94
22) Acetophenone	7.38	105	502242	41.917	ng	# 98
24) Nitrobenzene	7.56	77	377910	41.753	ng	90
25) Isophorone	7.79	82	681572	45.608	ng	97
26) 2-Nitrophenol	7.87	139	176425	40.961	ng	94
27) 2,4-Dimethylphenol	7.90	122	333798	46.744	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	437726	43.117	ng	99
29) 2,4-Dichlorophenol	8.11	162	302110	41.876	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	320632	39.677	ng	95
31) Naphthalene	8.27	128	1031347	43.034	ng	100
32) Benzoic acid	7.96	122	13599	2.464	ng	89
33) 4-Chloroaniline	8.32	127	133190	12.348	ng	97
34) Hexachlorobutadiene	8.39	225	174778	38.953	ng	98
35) Caprolactam	8.69	113	90232m	35.884	ng	
36) 4-Chloro-3-methylphenol	8.80	107	312048	39.999	ng	96
37) 2-Methylnaphthalene	8.97	142	687815	43.377	ng	99
38) 1-Methylnaphthalene	9.07	142	635250	41.457	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	282670	42.343	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	103353	30.277	nq	100
43) 2,4,6-Trichlorophenol	9.25	196	189936	44.111	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	197637	43.423	nq	96
46) 1,1'-Biphenyl	9.43	154	799585	41.269	nq	99
47) 2-Chloronaphthalene	9.46	162	596506	41.971	nq	98
48) 2-Nitroaniline	9.56	65	195375	45.365	nq	91
49) Acenaphthylene	9.87	152	908431	44.254	nq	99
50) Dimethylphthalate	9.73	163	886442	56.047	nq	99
51) 2,6-Dinitrotoluene	9.79	165	149097	43.764	nq	98
52) Acenaphthene	10.05	154	548095	40.361	nq	98
53) 3-Nitroaniline	9.96	138	116546	28.767	nq	94
54) 2,4-Dinitrophenol	10.07	184	16436	16.545	nq	93
55) Dibenzofuran	10.22	168	770005	40.499	nq	97
56) 4-Nitrophenol	10.13	139	306366	102.174	nq	96
57) 2,4-Dinitrotoluene	10.20	165	184742	42.692	nq	93
58) Fluorene	10.56	166	581665	41.106	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	144718	39.010	nq	# 94
60) Diethylphthalate	10.43	149	655860	42.481	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	287665	38.536	nq	99
62) 4-Nitroaniline	10.58	138	135621	33.657	nq	94
63) Azobenzene	10.71	77	595659	38.869	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	19770	12.745	nq	99
66) n-Nitrosodiphenylamine	10.67	169	517440	46.465	nq	95
67) 4-Bromophenyl-phenylether	11.05	248	160273	43.519	nq	97
68) Hexachlorobenzene	11.11	284	158859	40.654	nq	# 87
69) Atrazine	11.19	200	157844	44.851	nq	98
70) Pentachlorophenol	11.30	266	143542	62.998	nq	97
71) Phenanthrene	11.53	178	780732	43.947	nq	99
72) Anthracene	11.58	178	791131	44.429	nq	99
73) Carbazole	11.74	167	685026	39.400	nq	99
74) Di-n-butylphthalate	12.05	149	873916	44.505	nq	100
75) Fluoranthene	12.72	202	783238	43.442	nq	99
77) Benzidine	12.84	184	292010	39.364	nq	97
78) Pyrene	12.96	202	778002	43.750	nq	98
80) Butylbenzylphthalate	13.56	149	344487	44.631	nq	99
81) Benzo(a)anthracene	14.14	228	669967	45.545	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	195316	38.131	nq	99
83) Chrysene	14.18	228	617988	44.232	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	472129	45.249	nq	96
85) Di-n-octyl phthalate	14.73	149	794095	48.945	nq	# 99
86) Indeno(1,2,3-cd)pyrene	17.24	276	414330	35.747	nq	96
88) Benzo(b)fluoranthene	15.23	252	504267	49.878	nq	99
89) Benzo(k)fluoranthene	15.26	252	477279m	48.020	nq	
90) Benzo(a)pyrene	15.62	252	435967	46.864	nq	99
91) Dibenzo(a,h)anthracene	17.26	278	348755	43.448	nq	99
92) Benzo(g,h,i)perylene	17.73	276	339252	42.890	nq	96

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

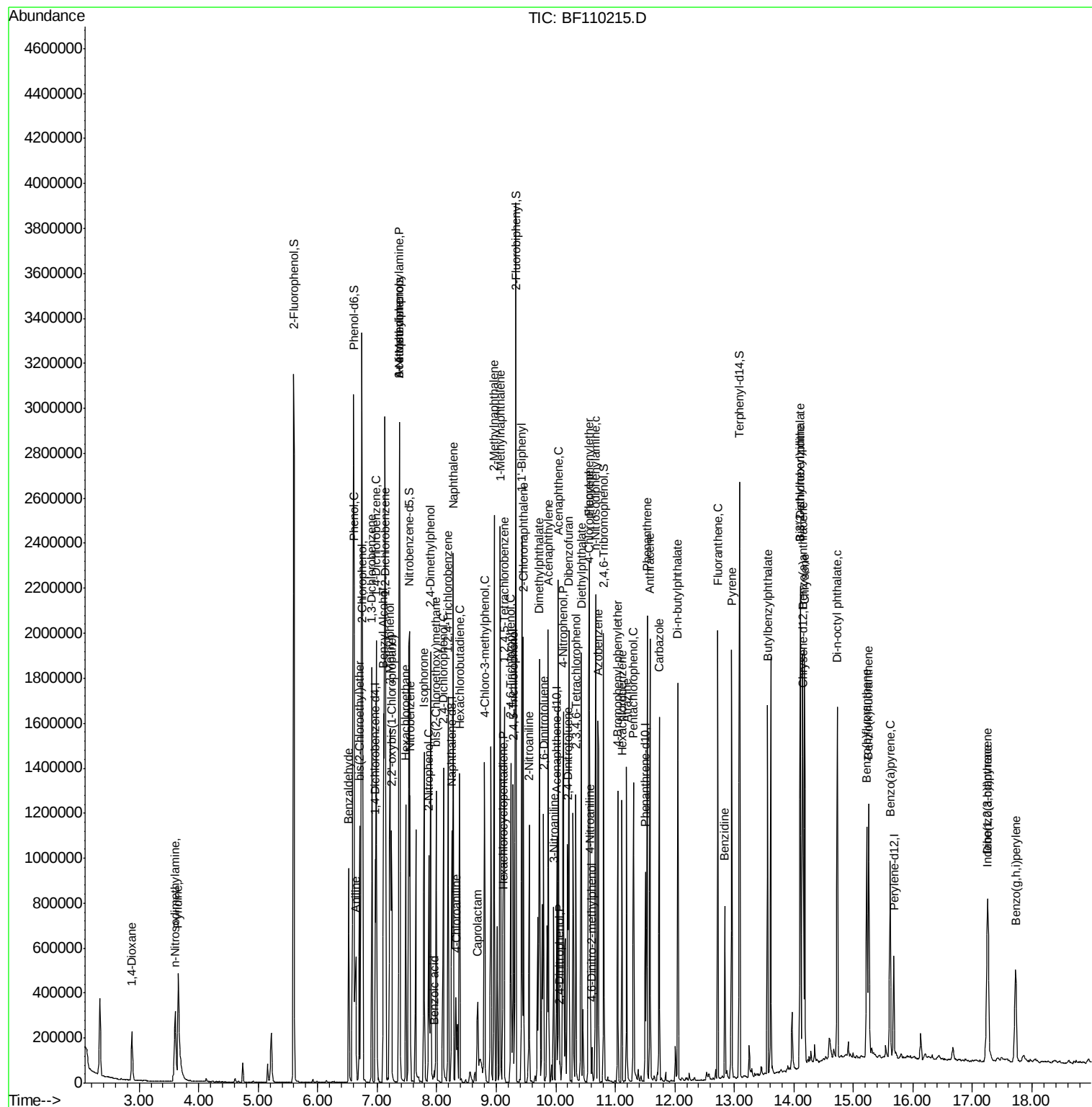
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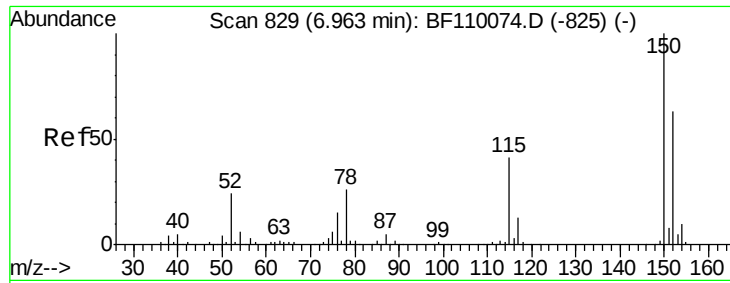
Instrument :
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#1

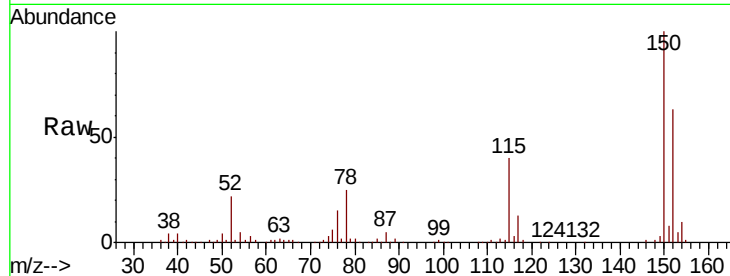
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.7	184.1
115	63.3	49.1	73.7

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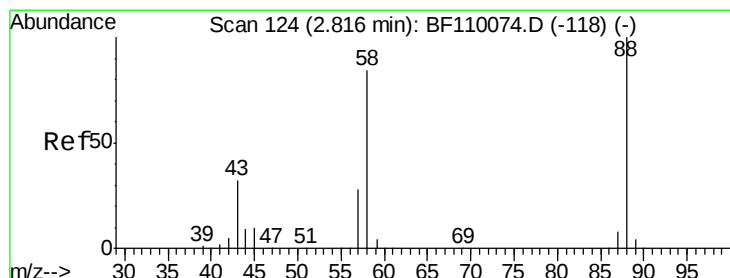
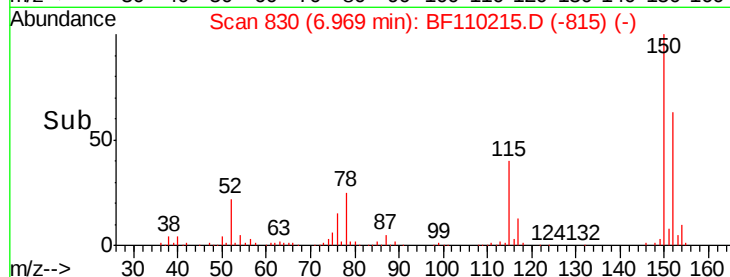
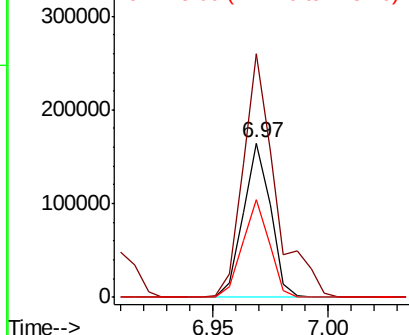


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

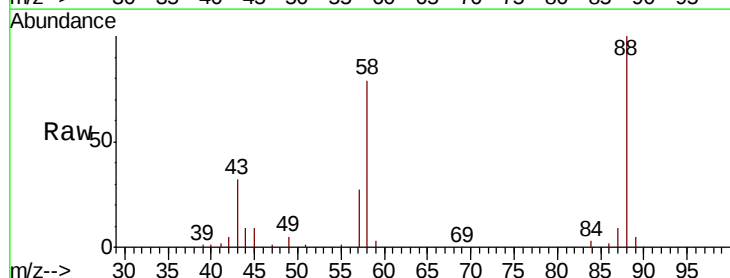
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.133 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.04 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.0	57.1	85.7
43	31.4	24.1	36.1

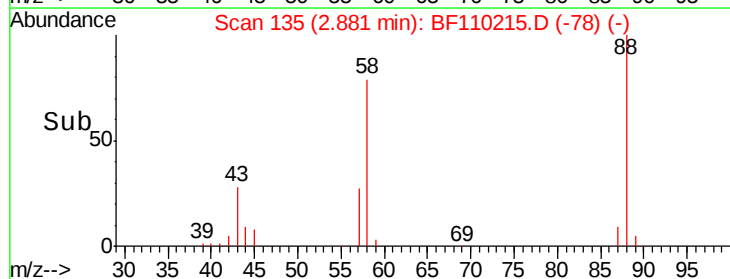
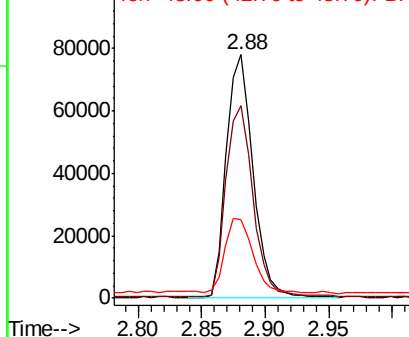


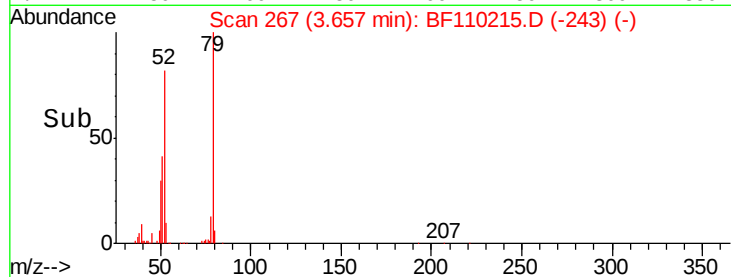
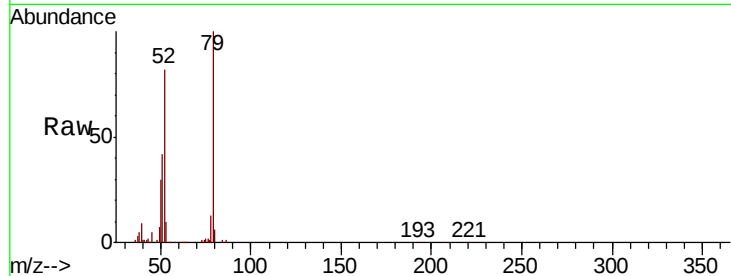
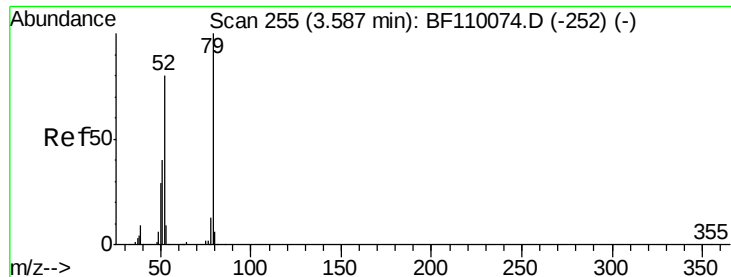
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





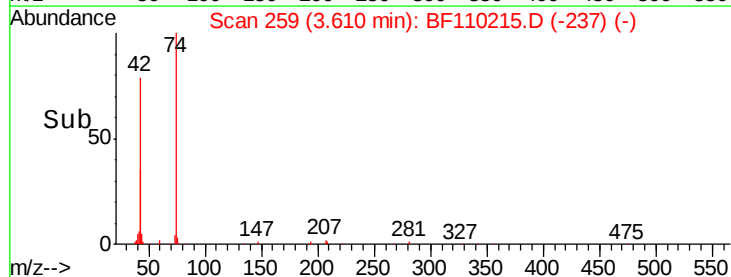
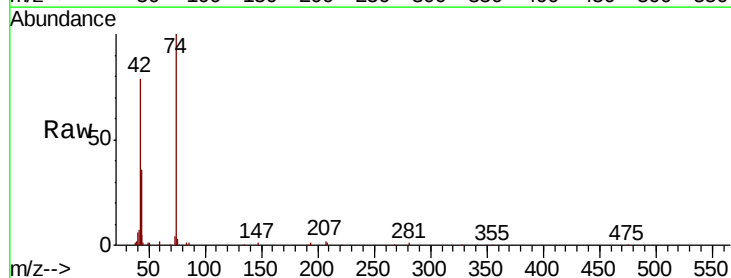
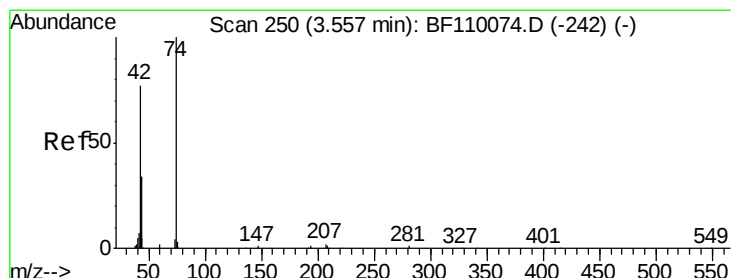
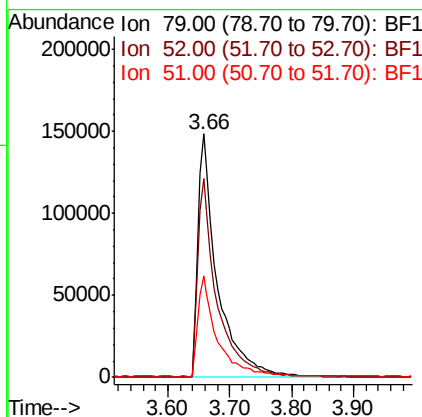
#3
 Pvridine
 Concen: 33.803 ng
 RT: 3.66 min Scan# 267
 Delta R.T. 0.04 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.6	53.1	79.7#
51	41.6	27.4	41.2#

Instrument :
 BNA_F
 ClientSampleId :
 JC-TS-001MS

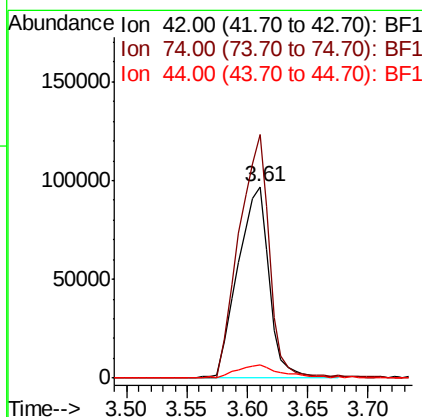
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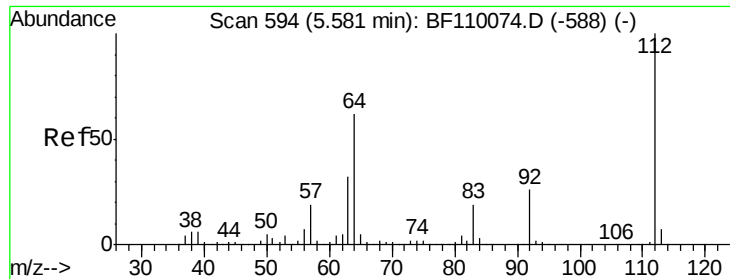
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#4
 n-Nitrosodimethylamine
 Concen: 42.873 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.03 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.0	105.5	158.3
44	6.9	4.9	7.3





#5

2-Fluorophenol

Concen: 119.273 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

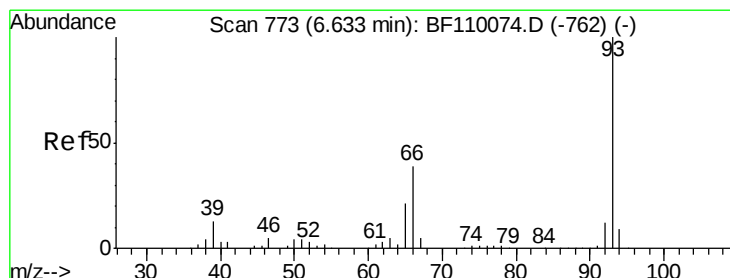
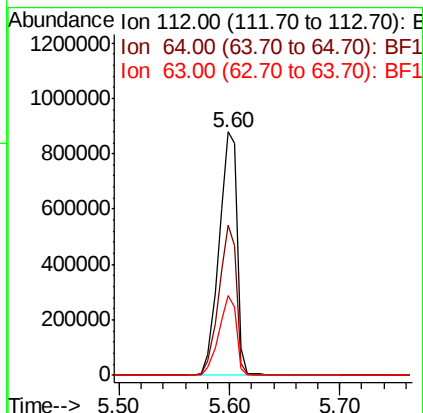
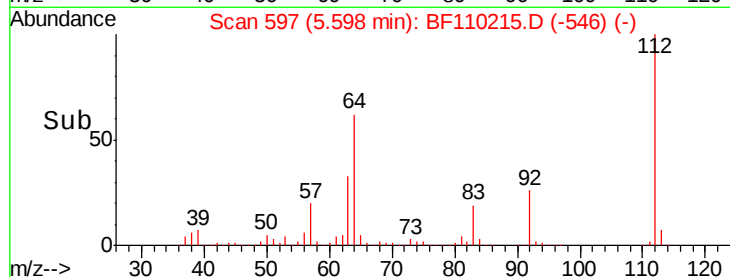
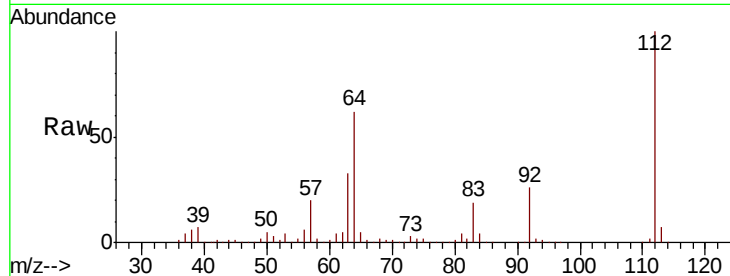
ClientSampleId :

JC-TS-001MS

Tot Ion:	112	Resp:	999268
Ion Ratio	Lower	Upper	
112	100		
64	61.6	44.1	66.1
63	32.6	23.7	35.5

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#6

Aniline

Concen: 21.008 ng

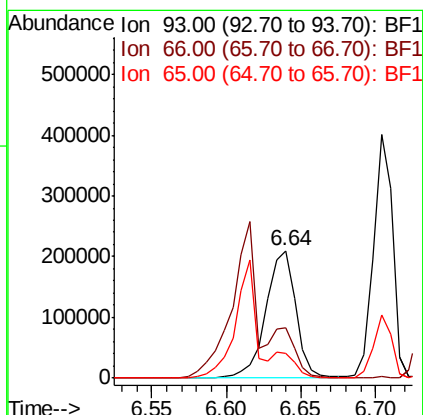
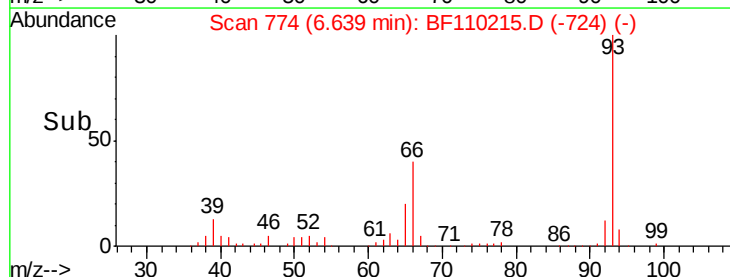
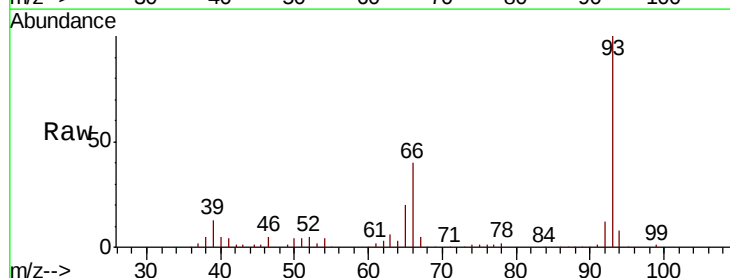
RT: 6.64 min Scan# 774

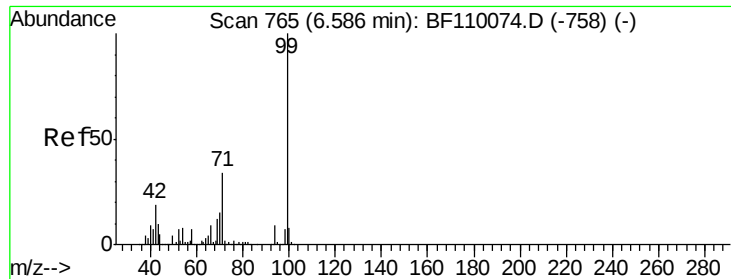
Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion:	93	Resp:	293266
Ion Ratio	Lower	Upper	
93	100		
66	39.6	67.4	101.0#
65	19.7	41.0	61.4#





#7

Phenol-d6

Concen: 118.316 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

JC-TS-001MS

Tot Ion: 99 Resp: 1267887

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

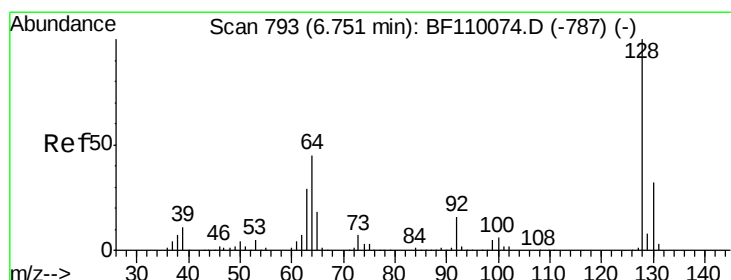
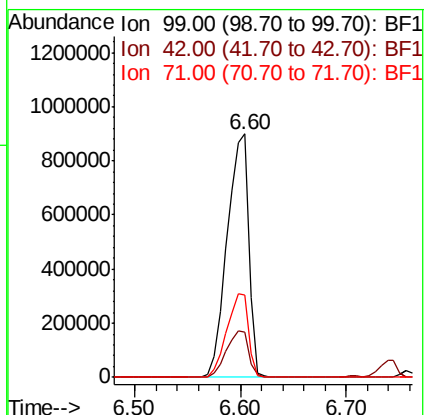
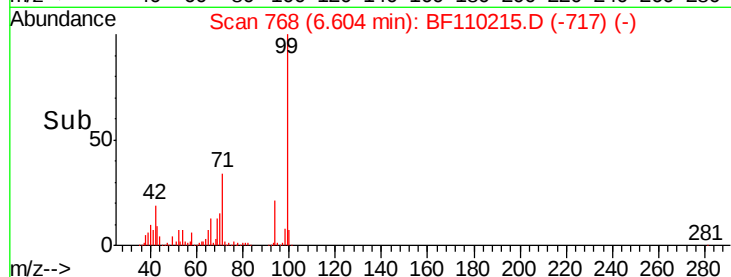
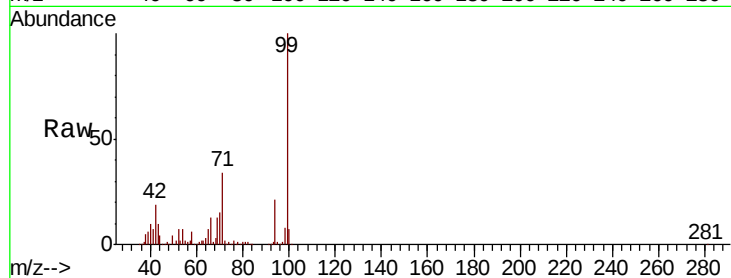
71 33.9 28.0 42.0

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#8

2-Chlorophenol

Concen: 38.437 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

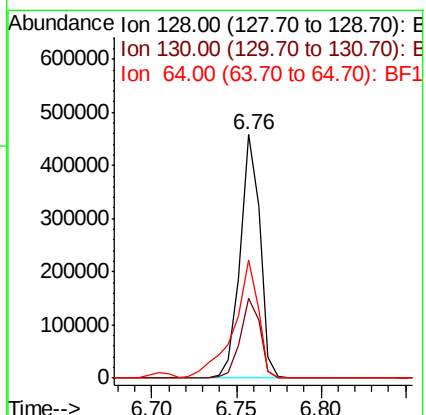
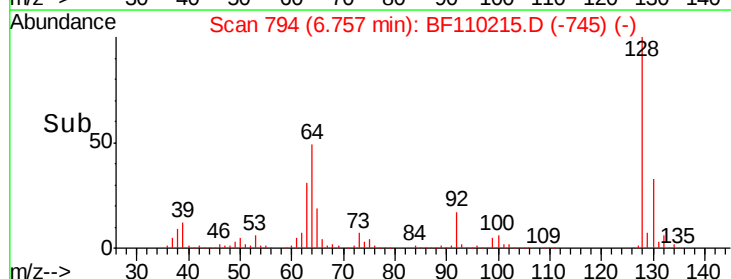
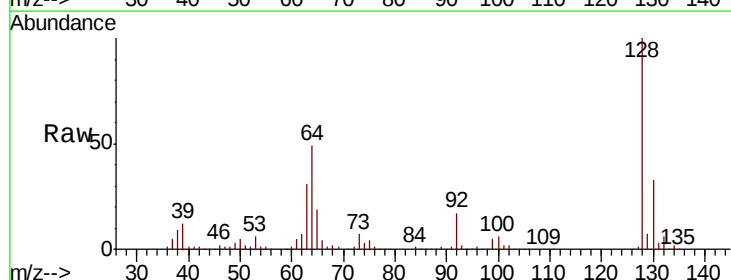
Tgt Ion: 128 Resp: 371271

Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

64 48.7 26.0 66.0





#9

Benzaldehyde

Concen: 25.643 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

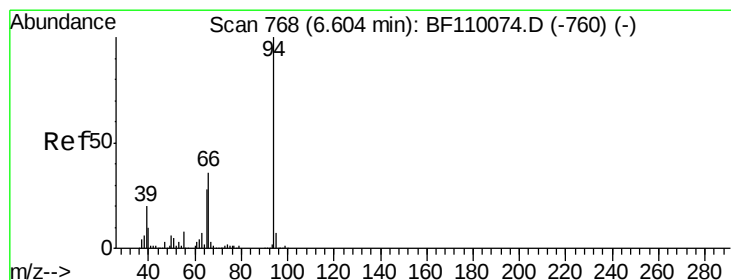
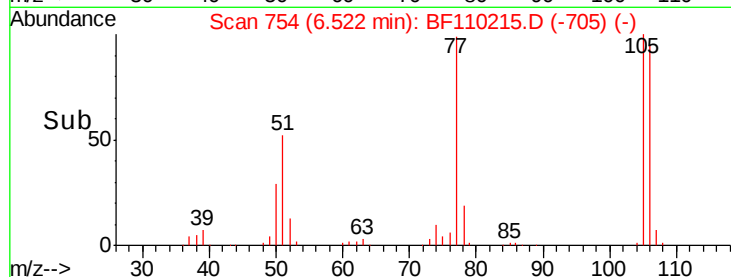
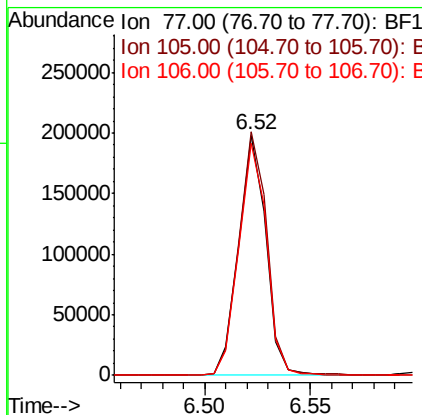
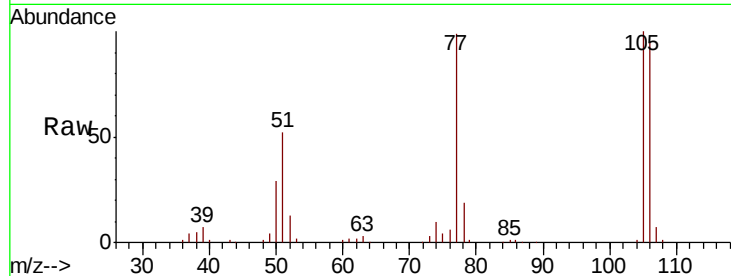
ClientSampleID :

JC-TS-001MS

Tot Ion:	77	Resp:	176827
Ion	Ratio	Lower	Upper
77	100		
105	101.5	78.6	118.6
106	96.6	74.8	114.8

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#10

Phenol

Concen: 50.421 ng

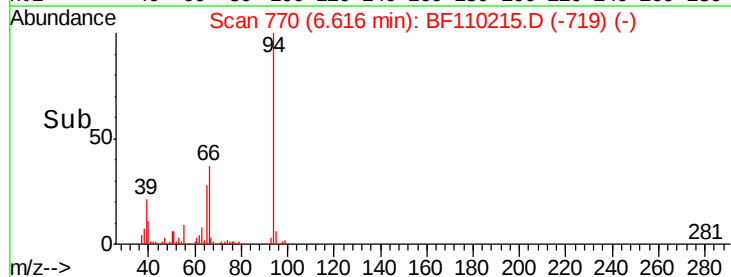
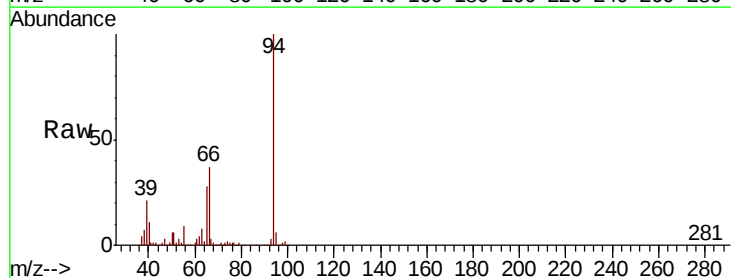
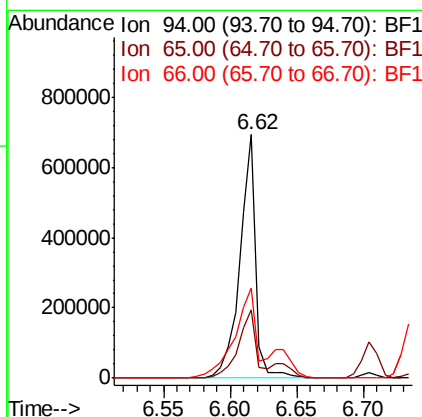
RT: 6.62 min Scan# 770

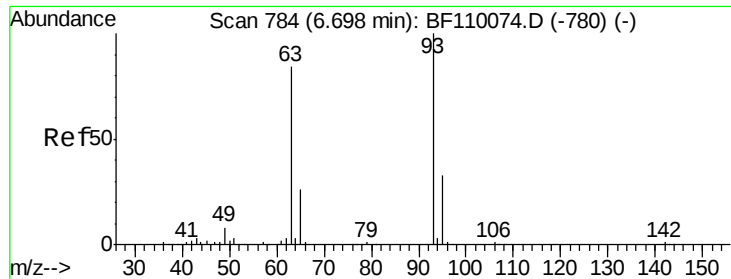
Delta R.T. -0.00 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion:	94	Resp:	577555
Ion	Ratio	Lower	Upper
94	100		
65	28.0	25.3	65.3
66	37.1	54.5	94.5#





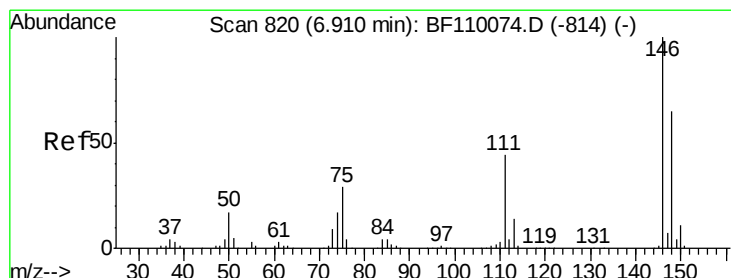
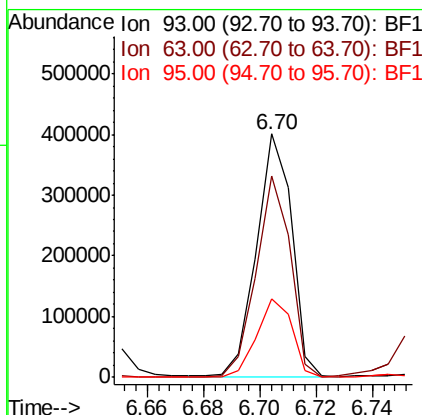
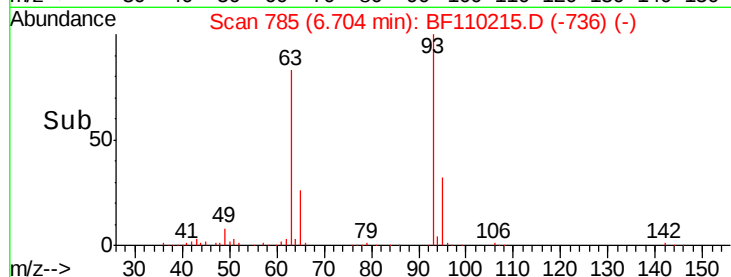
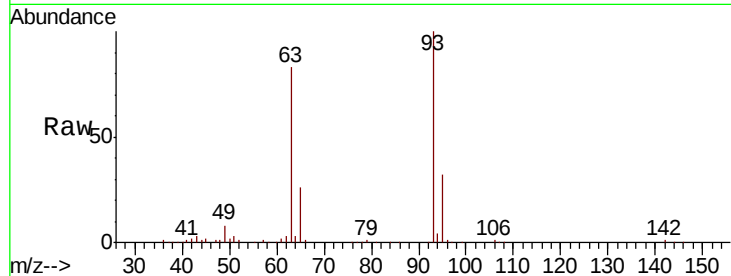
#11
bis(2-Chloroethyl)ether
Concen: 36.629 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion:	93	Resp:	345189
Ion	Ratio	Lower	Upper
93	100		
63	82.7	53.4	93.4
95	32.2	12.1	52.1

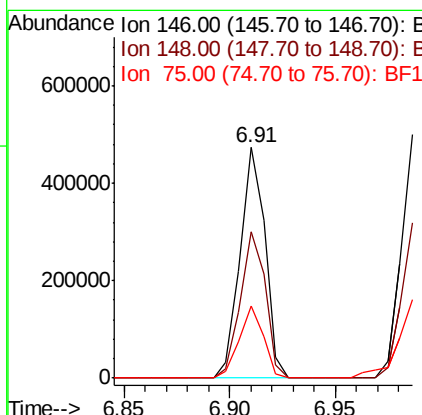
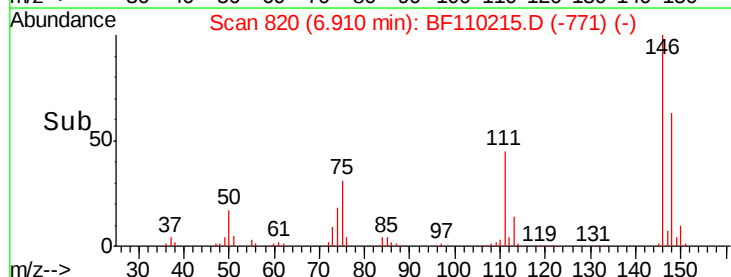
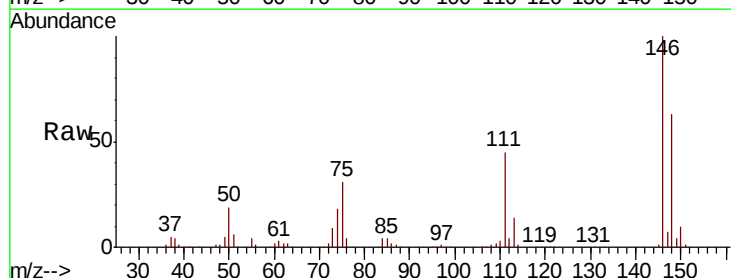
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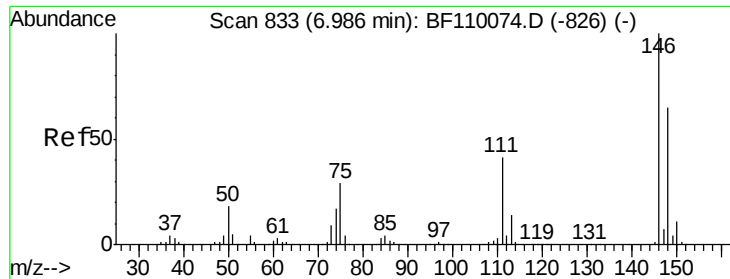
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#12
1,3-Dichlorobenzene
Concen: 36.317 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:	146	Resp:	386037
Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.4	75.6
75	31.1	25.8	38.6





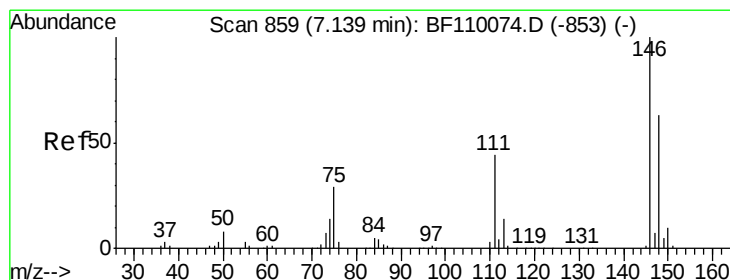
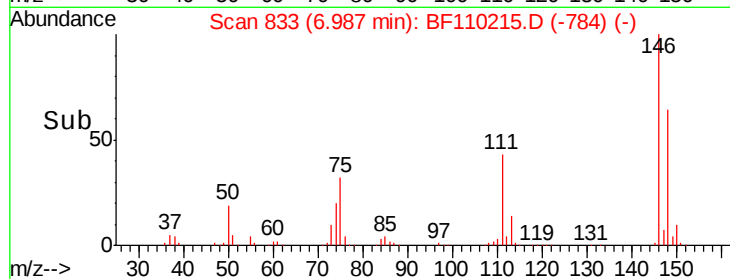
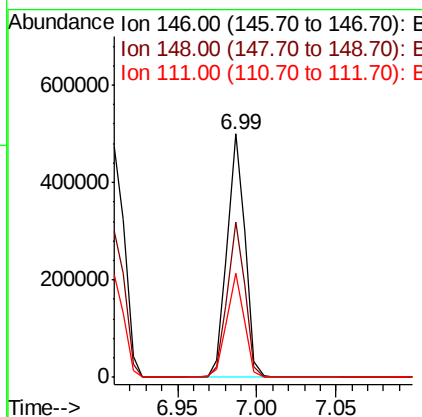
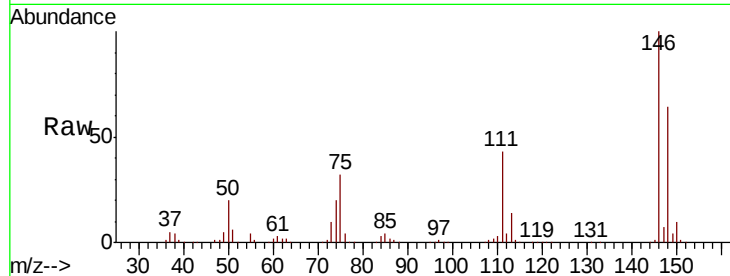
#13
 1,4-Dichlorobenzene
 Concen: 36.376 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Instrument :
 BNA_F
 ClientSampleId :
 JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.3	75.5
111	42.8	32.7	49.1

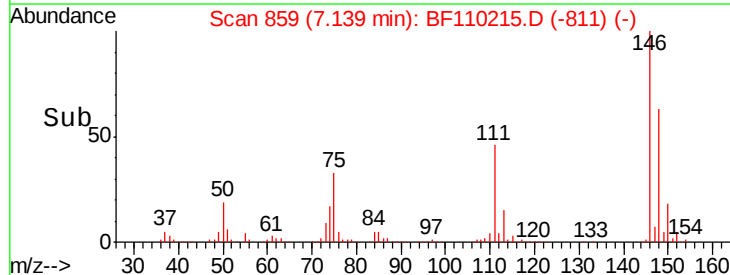
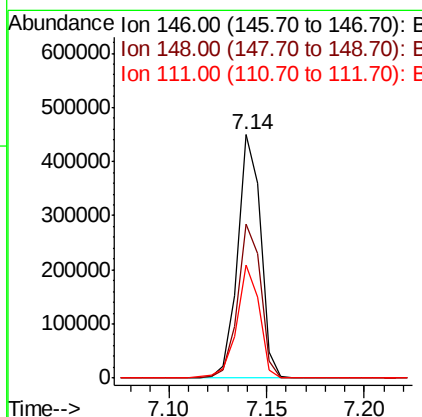
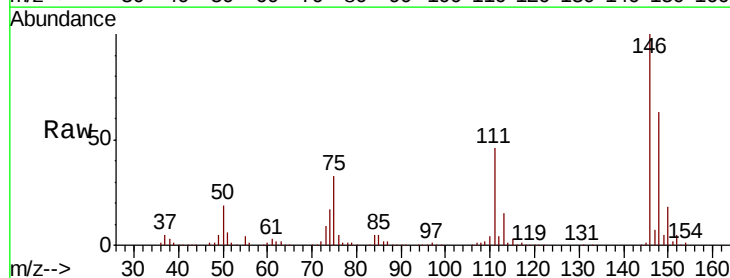
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#14
 1,2-Dichlorobenzene
 Concen: 36.637 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	46.3	35.8	53.6





#15

Benzyl Alcohol

Concen: 39.130 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

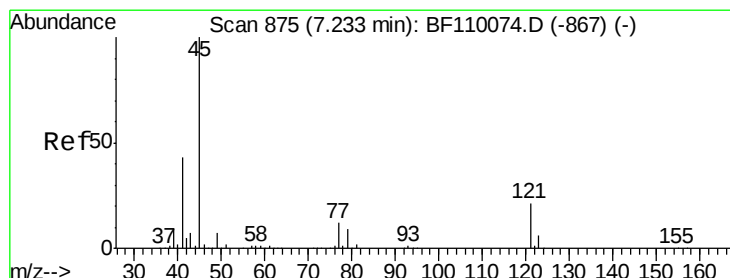
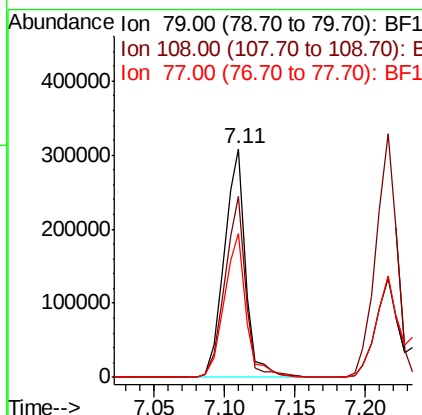
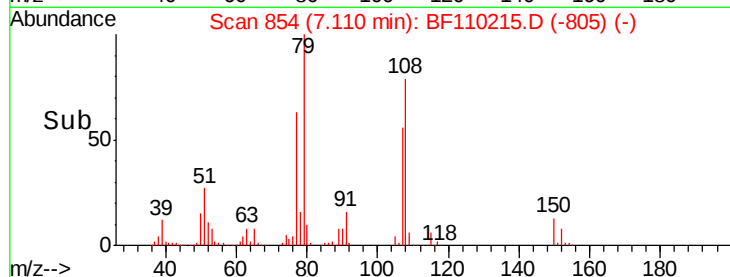
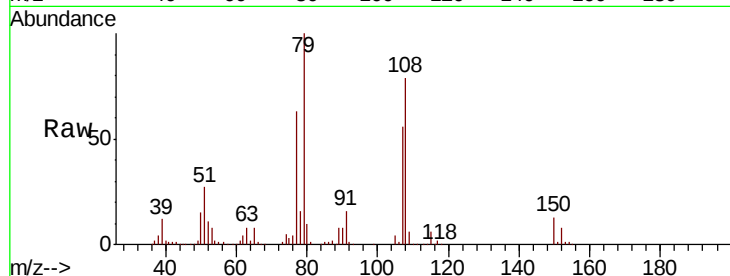
ClientSampleId :

JC-TS-001MS

Tot Ion:	79	Resp:	322509
Ion	Ratio	Lower	Upper
79	100		
108	79.0	56.3	84.5
77	62.8	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.428 ng

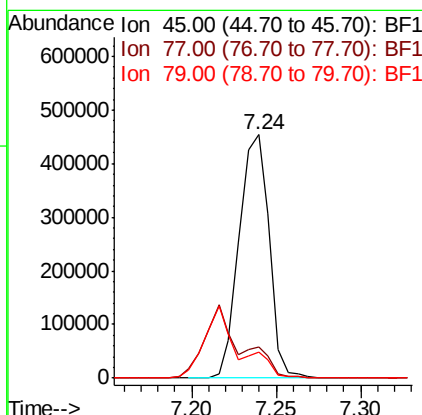
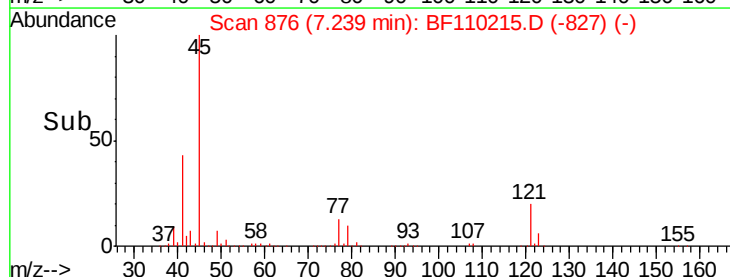
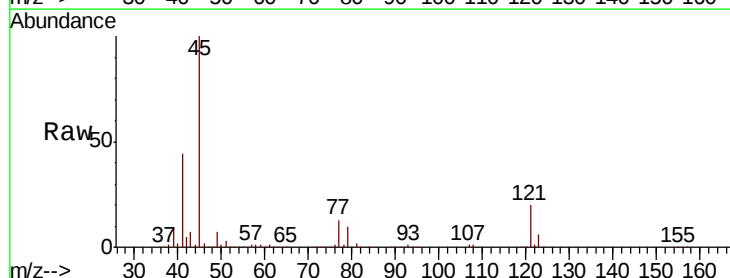
RT: 7.24 min Scan# 876

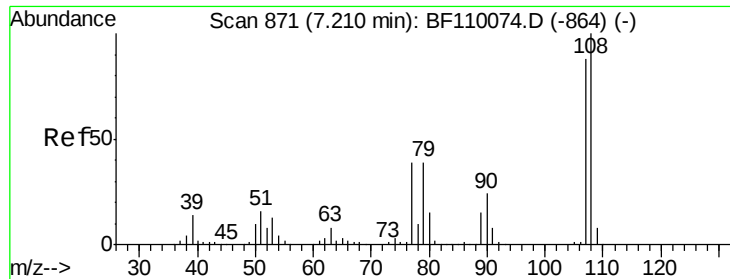
Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion:	45	Resp:	563966
Ion	Ratio	Lower	Upper
45	100		
77	12.7	10.0	50.0
79	10.5	6.1	46.1





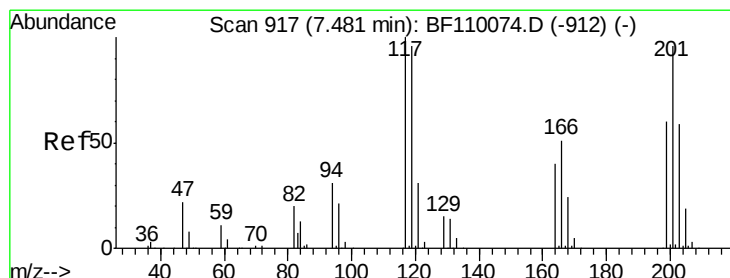
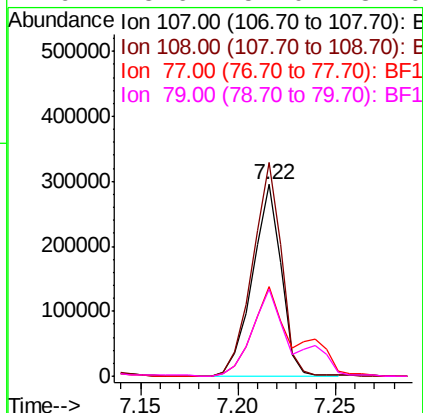
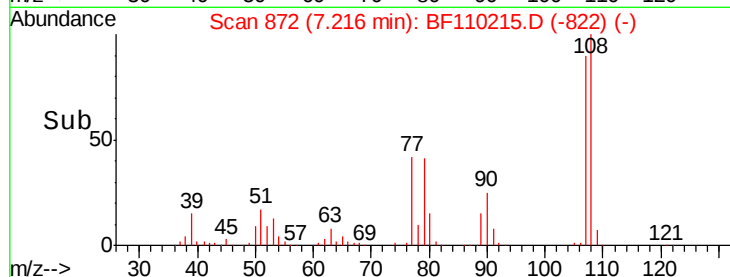
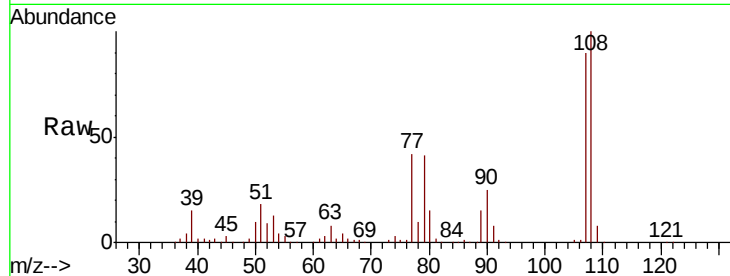
#17
2-Methylphenol
Concen: 38.954 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	92.6	138.8	
77	46.5	59.4	89.2	
79	45.6	54.0	81.0	

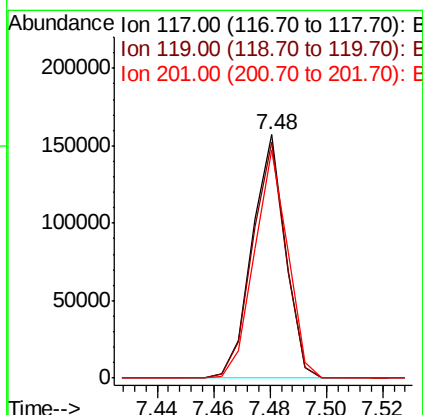
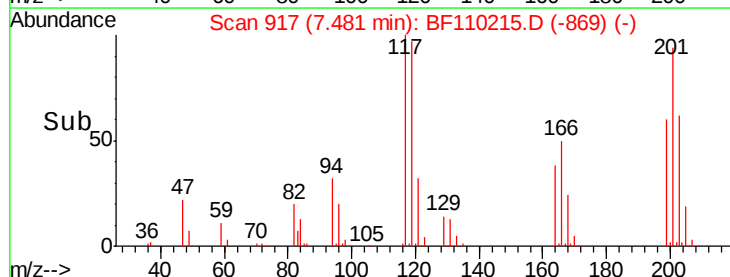
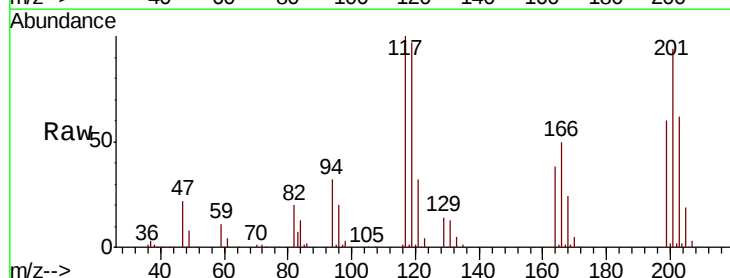
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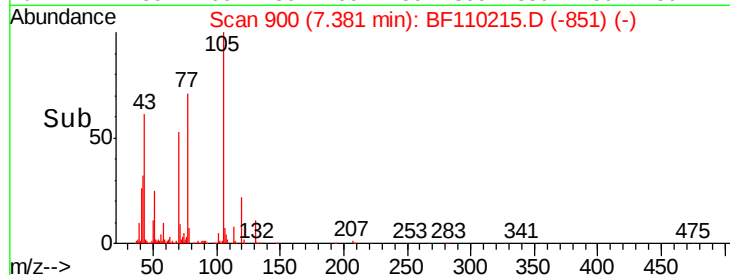
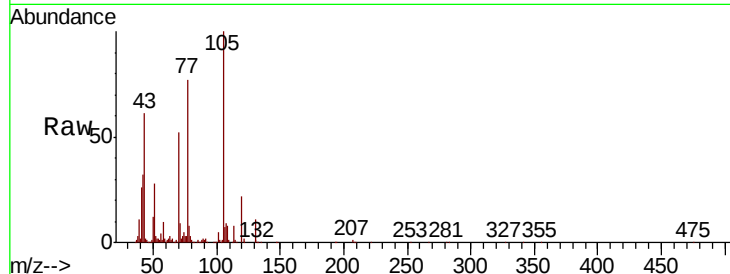
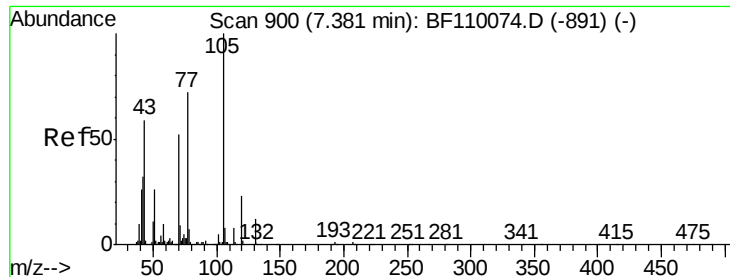
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#18
Hexachloroethane
Concen: 32.536 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	75.0	112.6	
201	93.7	79.2	118.8	





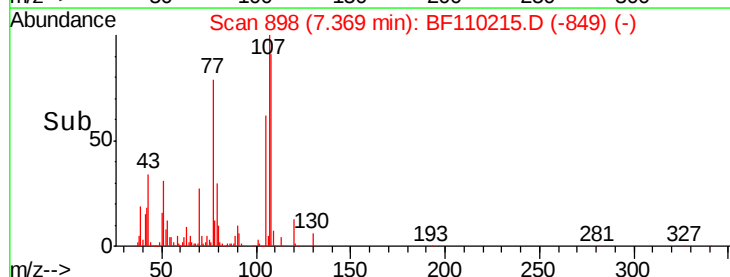
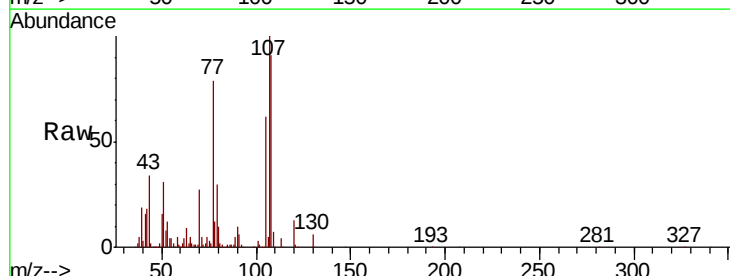
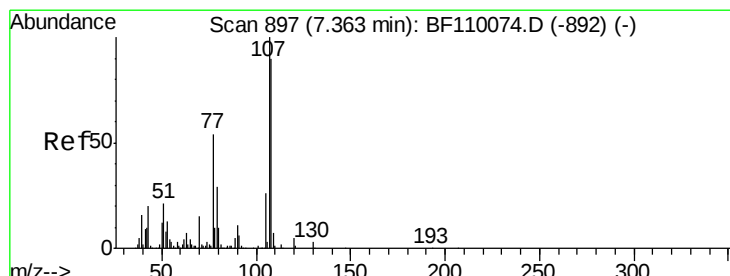
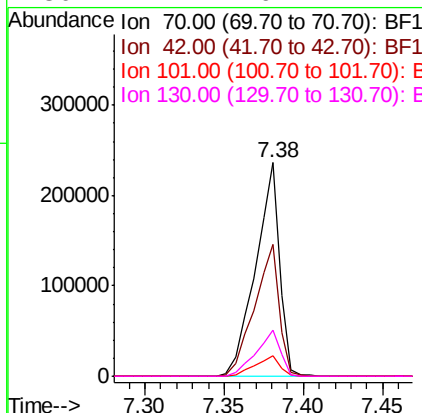
#19
n-Nitroso-di-n-propylamine
Concen: 36.568 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.4	71.2
101	9.6	7.3	10.9
130	21.7	16.2	24.2

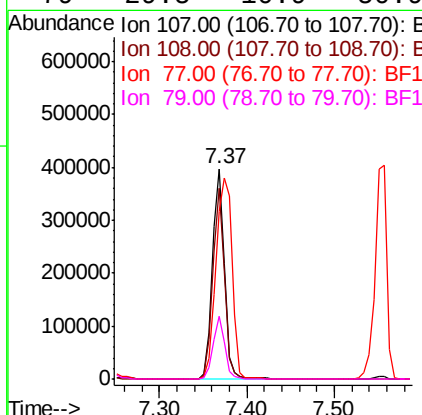
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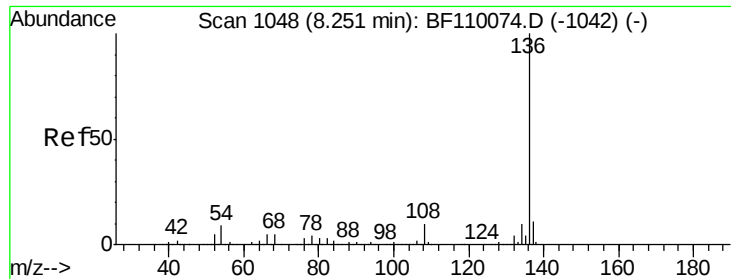
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#20
3+4-Methylphenols
Concen: 38.394 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.4	111.4
77	79.5	47.3	87.3
79	29.5	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

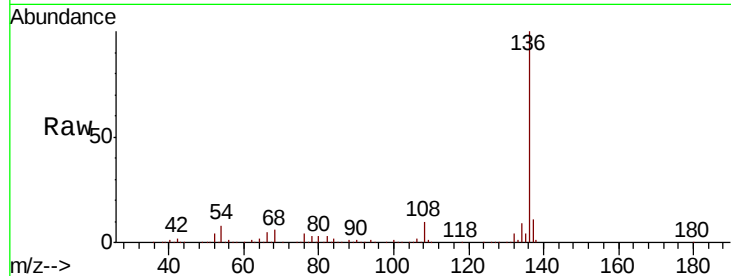
ClientSampleId :

JC-TS-001MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		519990		
137	11.0		8.8	13.2	
54	8.1		5.4	8.2	
68	5.5		4.2	6.2	

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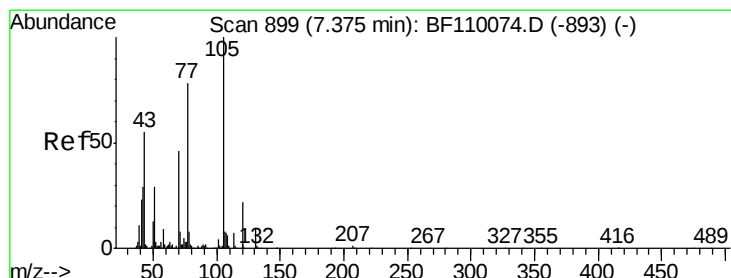
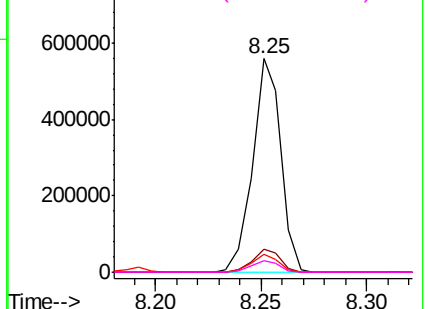
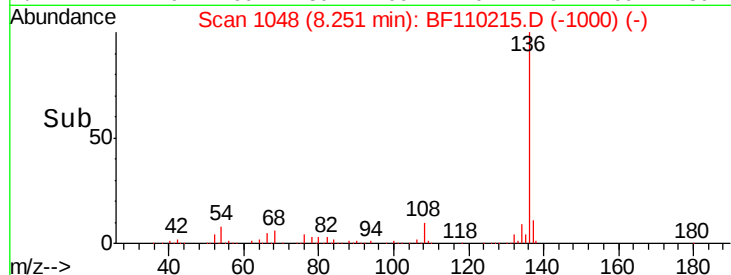
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.917 ng

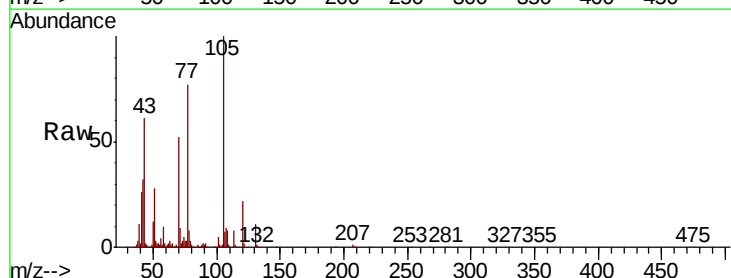
RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		502242		
71	8.5		5.2	7.8#	
51	28.1		21.8	32.8	
120	22.3		17.0	25.4	



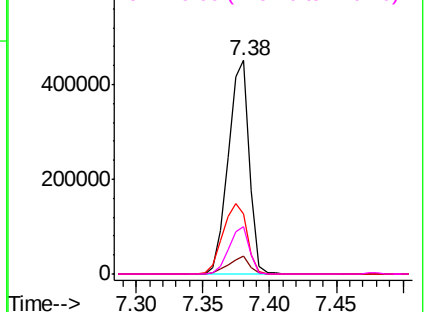
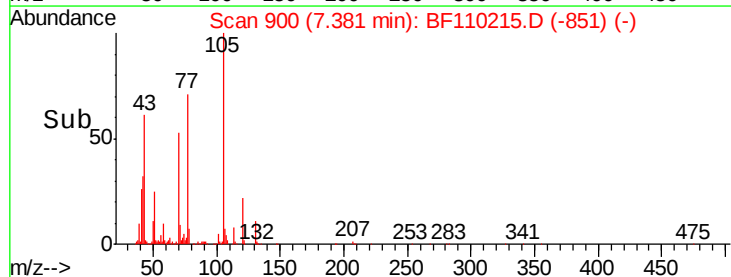
Abundance

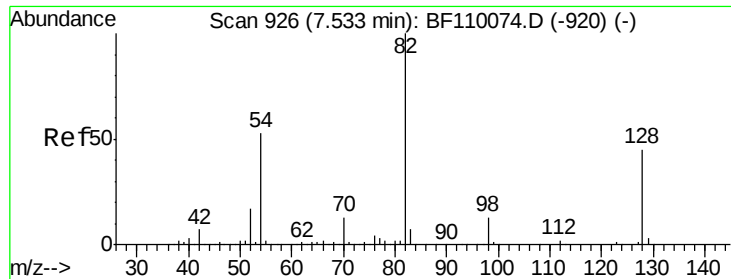
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





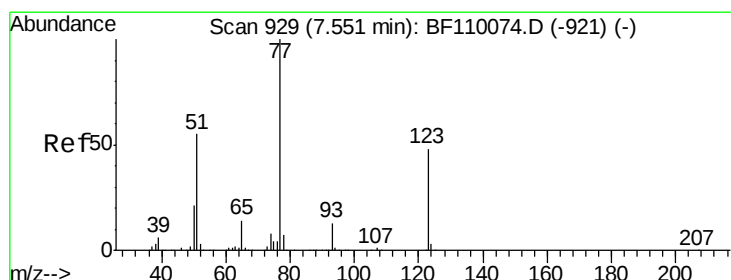
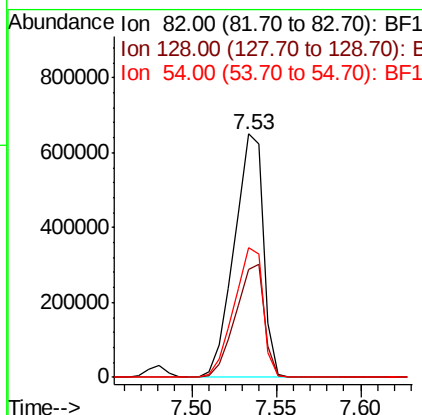
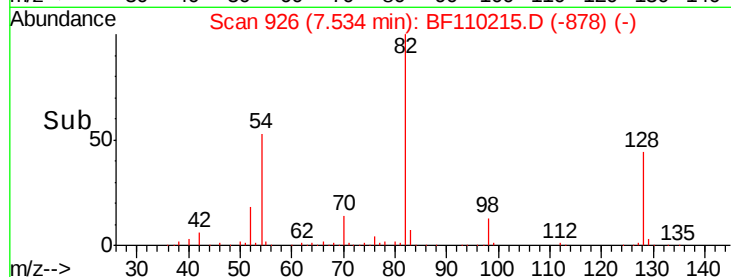
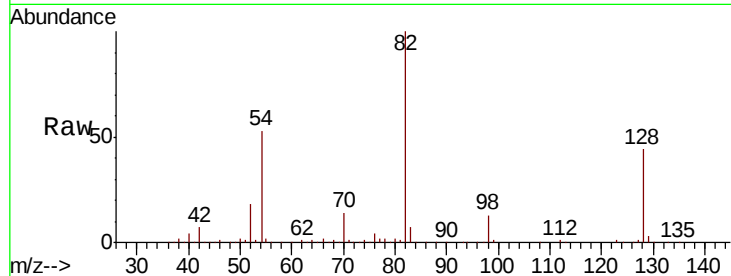
#23
Nitrobenzene-d5
Concen: 88.934 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.2	51.2
54	53.0	38.6	58.0

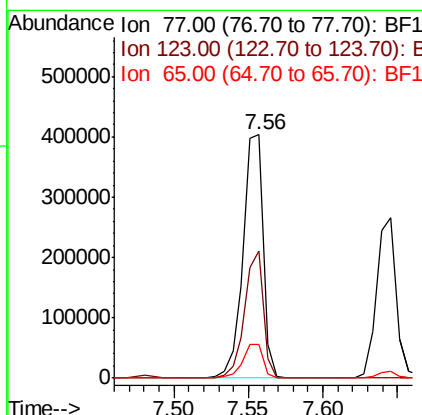
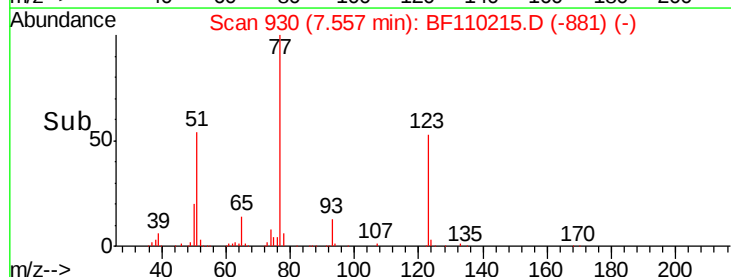
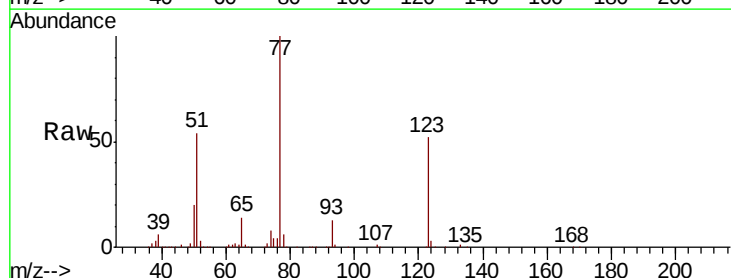
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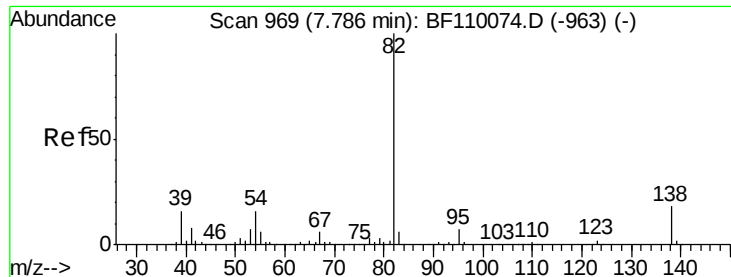
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#24
Nitrobenzene
Concen: 41.753 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.4	35.7	53.5
65	14.0	10.7	16.1





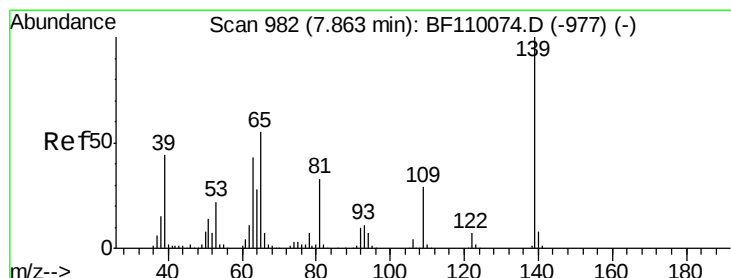
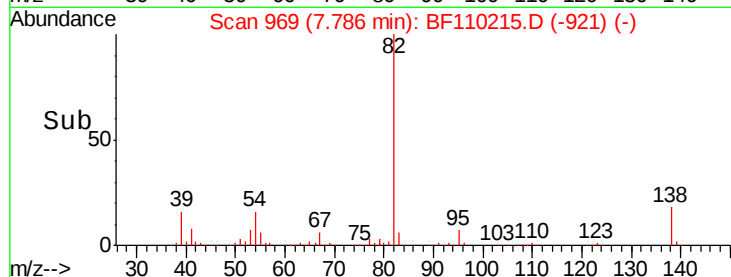
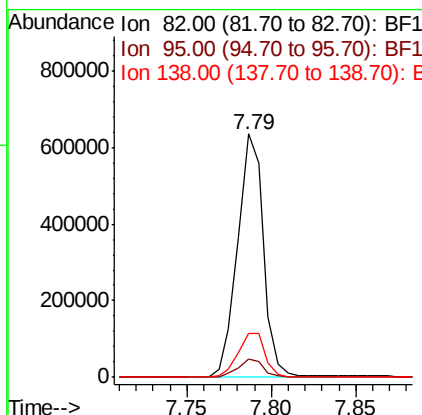
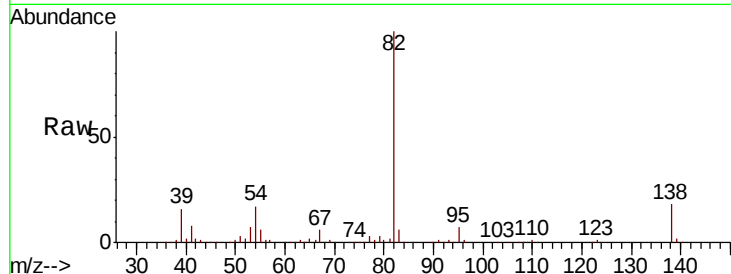
#25
Isophorone
Concen: 45.608 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.7	8.5
138	18.0	13.2	19.8

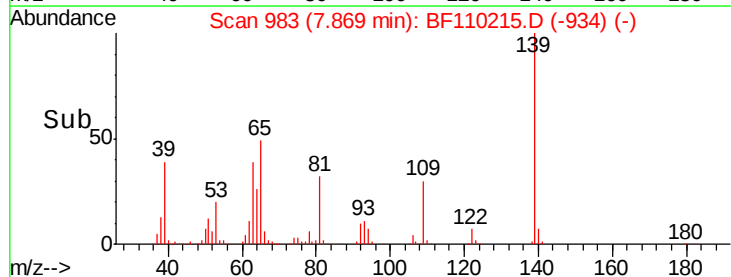
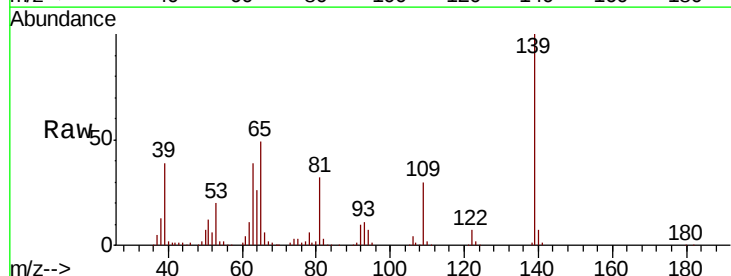
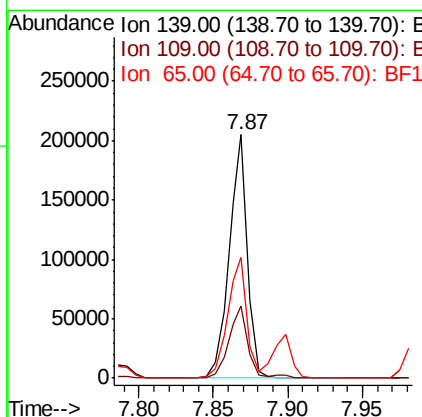
Manual Integrations
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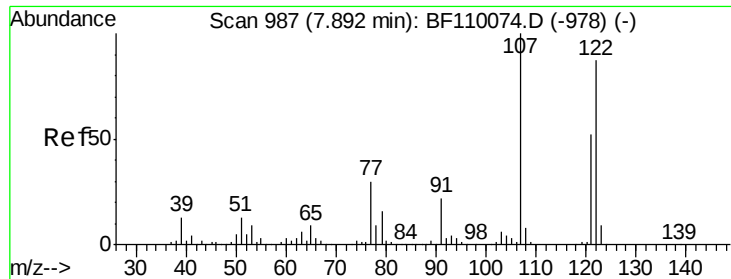
Sohil
10/29/2018 11:56:41 AM



#26
2-Nitrophenol
Concen: 40.961 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.6	25.0	37.6
65	49.3	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 46.744 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

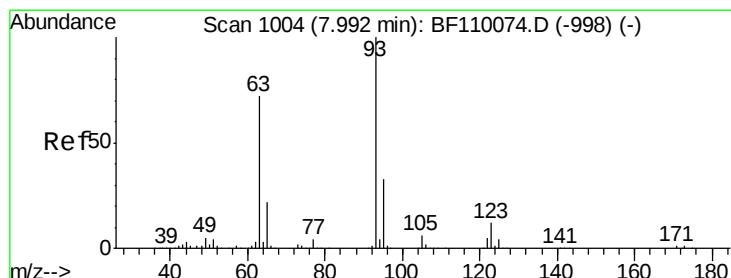
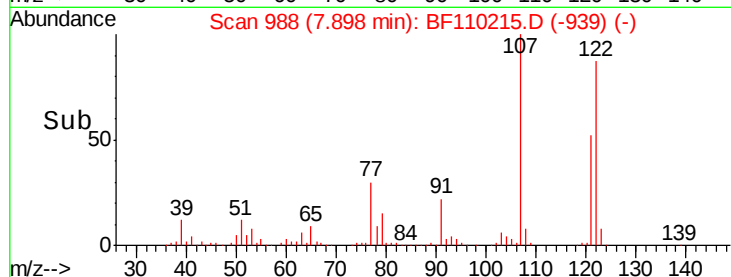
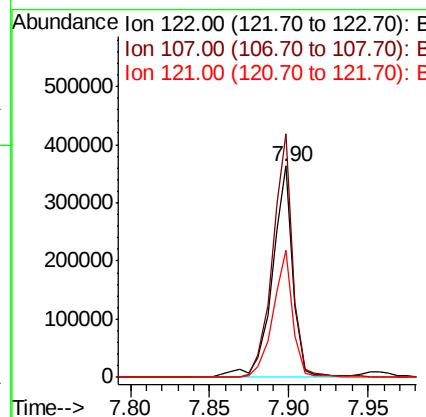
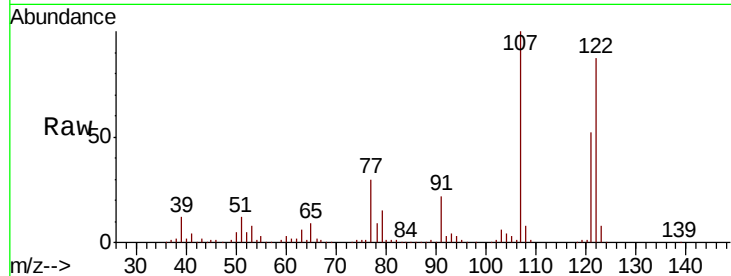
ClientSampleId :

JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	92.5	138.7
121	60.1	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 43.117 ng

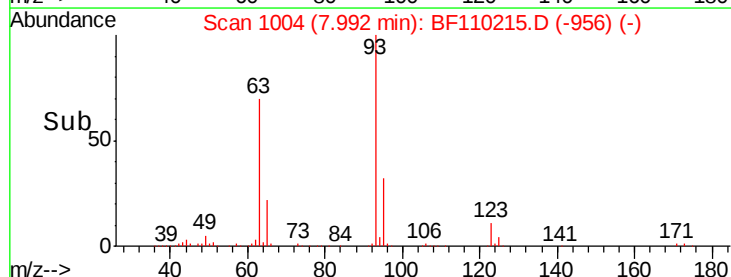
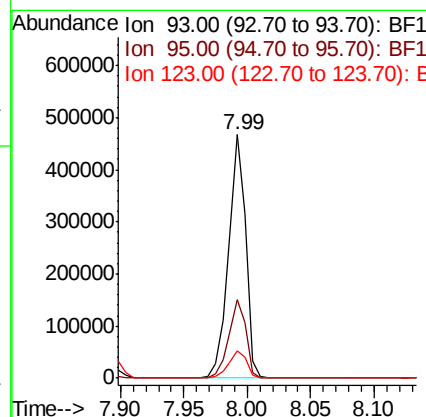
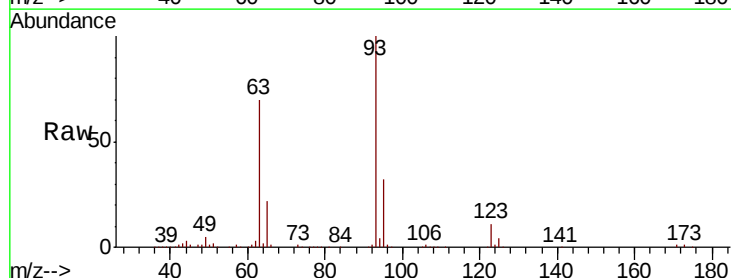
RT: 7.99 min Scan# 1004

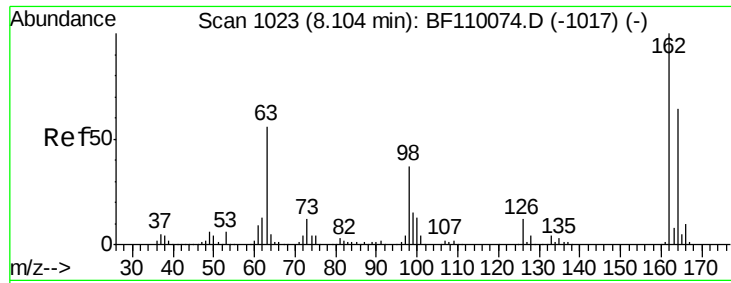
Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.4	39.6
123	11.3	9.0	13.6





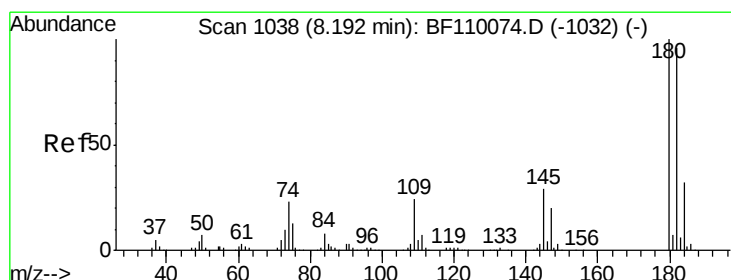
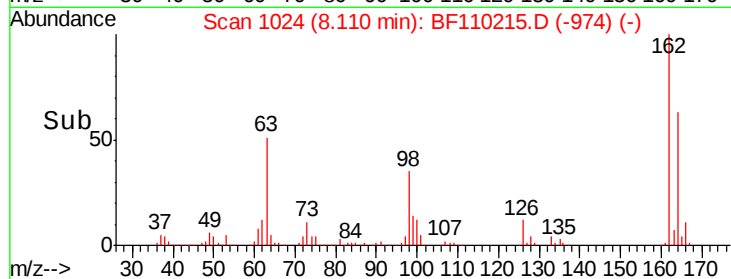
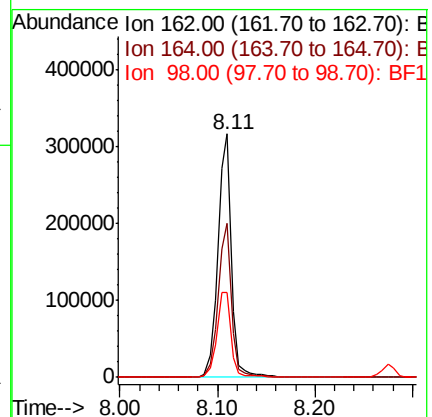
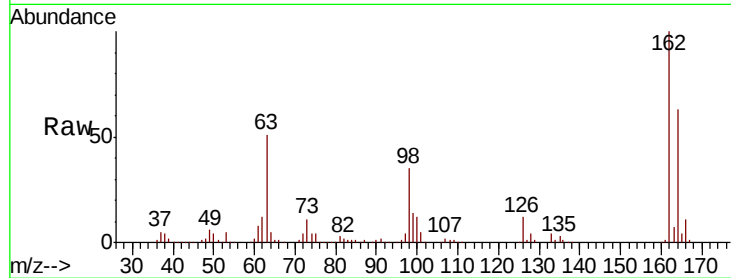
#29
2,4-Dichlorophenol
Concen: 41.876 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	302110		
164	63.3	44.6	84.6	
98	35.0	17.4	57.4	

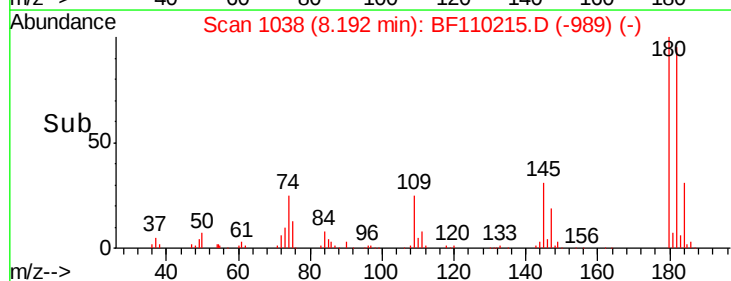
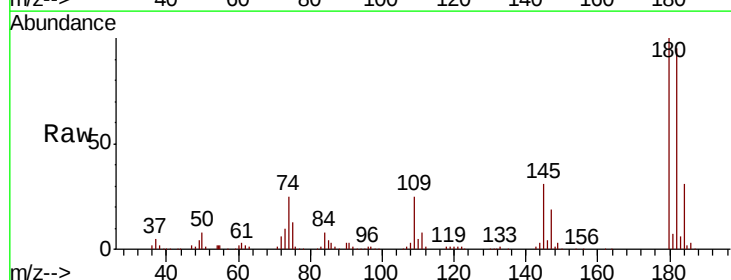
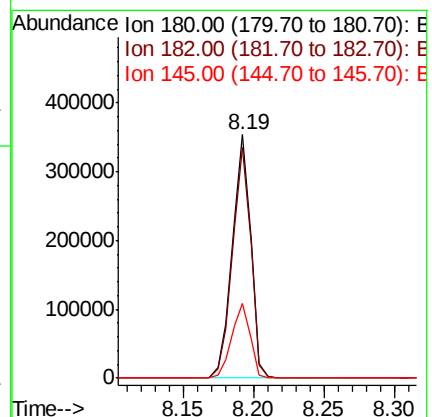
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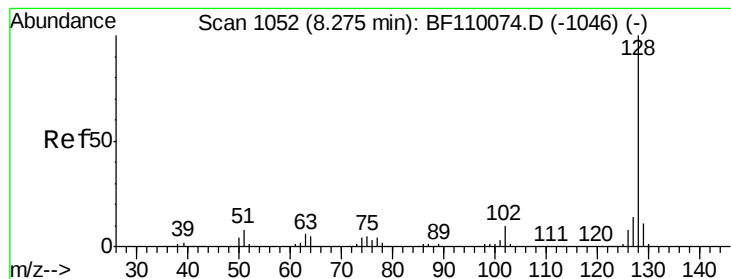
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#30
1,2,4-Trichlorobenzene
Concen: 39.677 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	320632		
182	94.9	80.3	120.5	
145	30.9	25.4	38.0	





#31

Naphthalene

Concen: 43.034 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

JC-TS-001MS

Tot Ion:128 Resp: 1031347

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

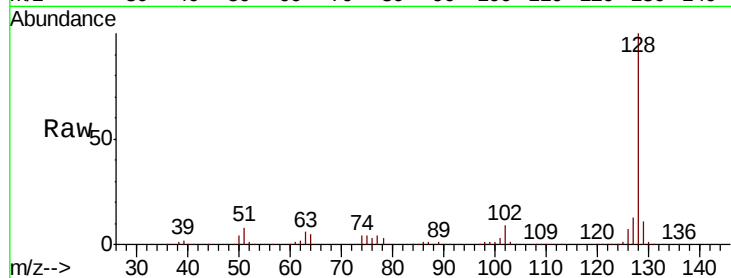
127 13.5 10.8 16.2

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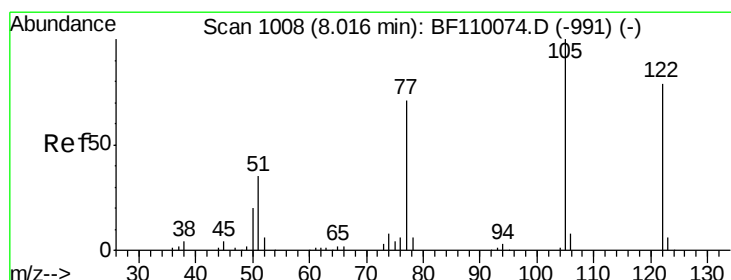
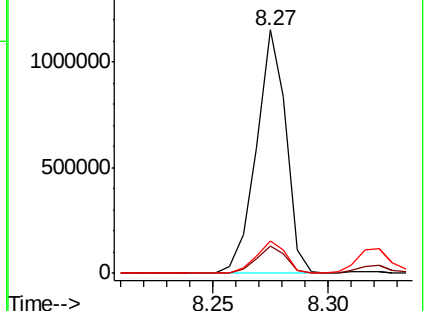
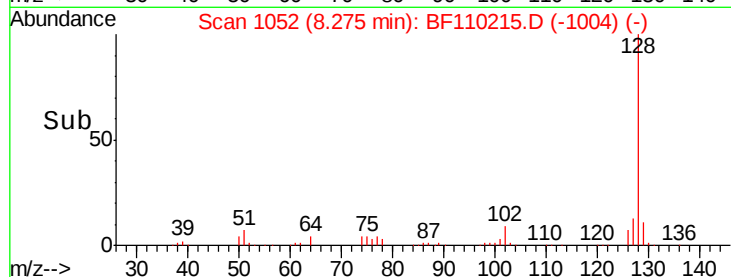
10/29/2018 11:56:41 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.464 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.05 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

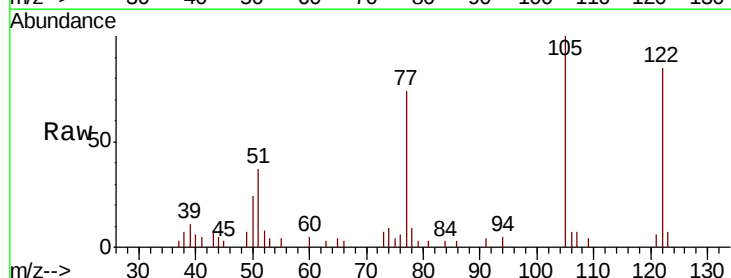
Tgt Ion:122 Resp: 13599

Ion Ratio Lower Upper

122 100

105 117.6 109.0 149.0

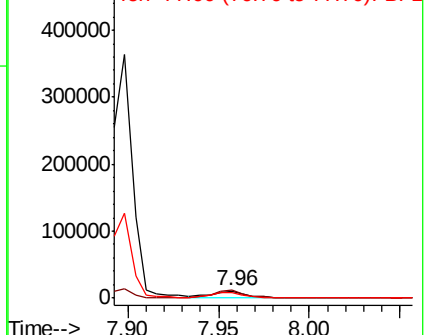
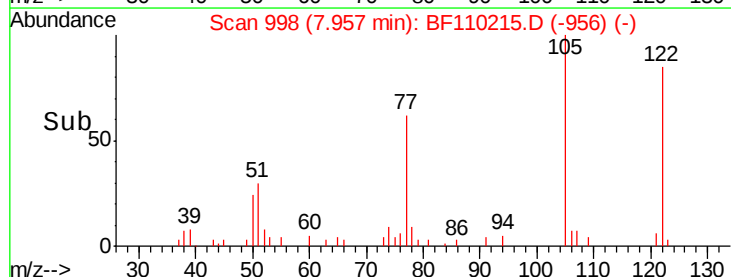
77 86.6 79.0 119.0

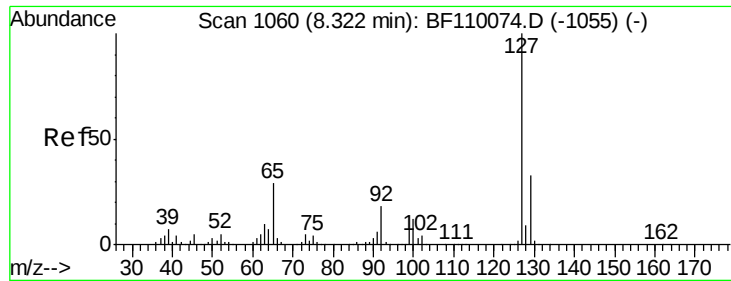


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





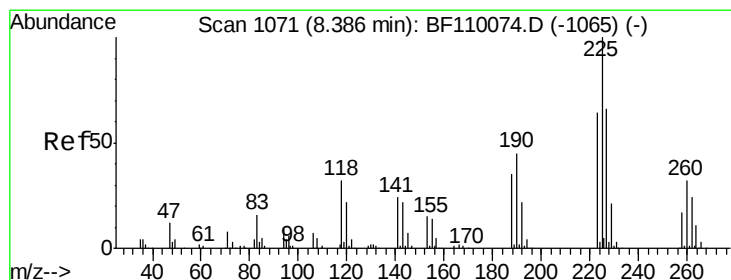
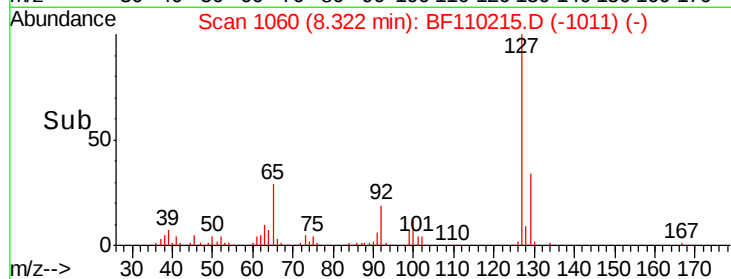
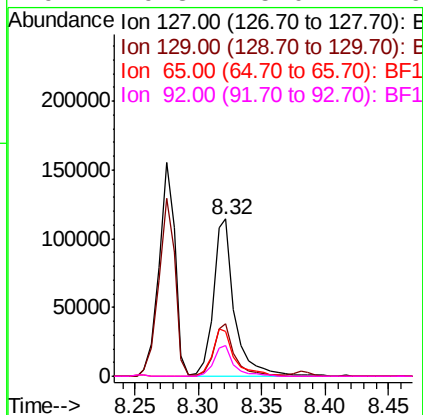
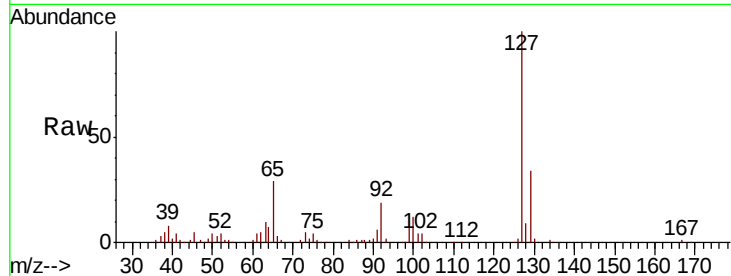
#33
4-Chloroaniline
Concen: 12.348 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	26.0	39.0		
65	28.9	25.1	37.7		
92	19.3	15.0	22.6		

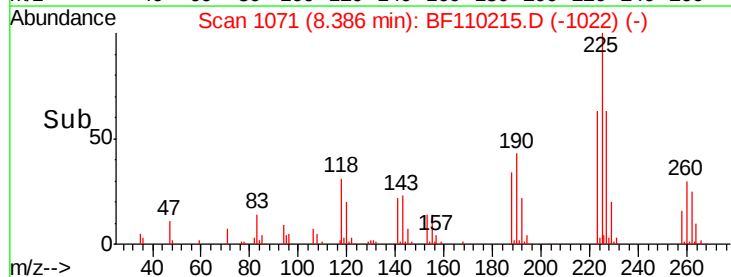
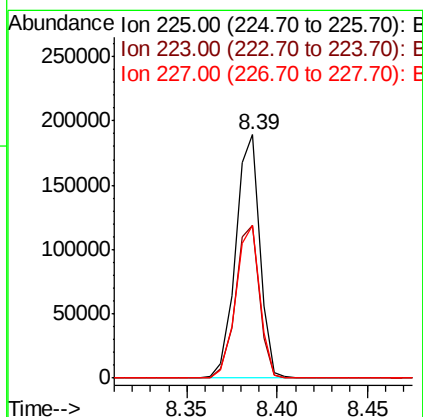
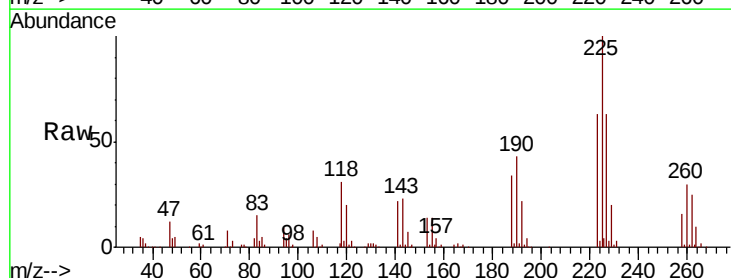
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#34
Hexachlorobutadiene
Concen: 38.953 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	51.4	77.2		
227	62.9	51.0	76.6		





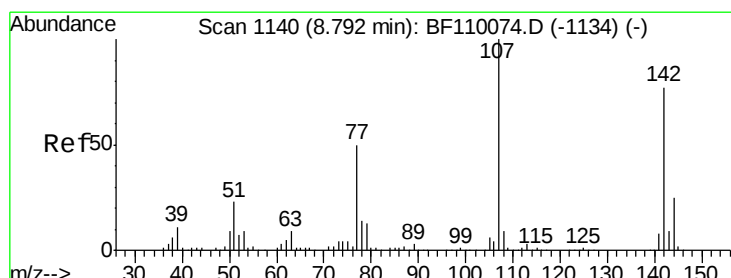
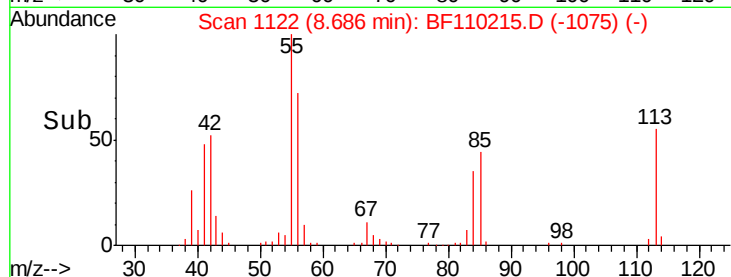
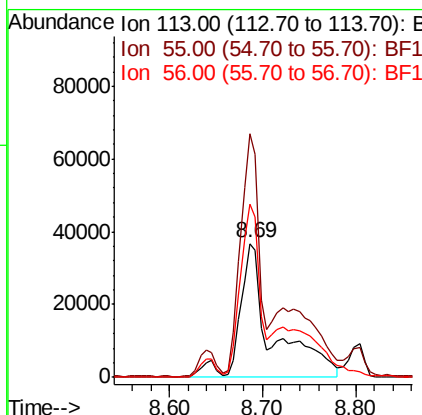
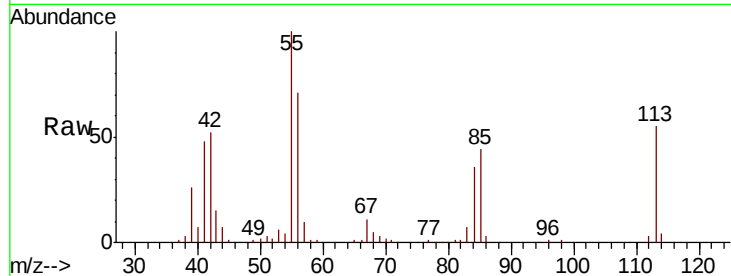
#35
 Caprolactam
 Concen: 35.884 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Instrument :
 BNA_F
 ClientSampleId :
 JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	182.1	142.8	182.8
56	129.6	105.0	145.0

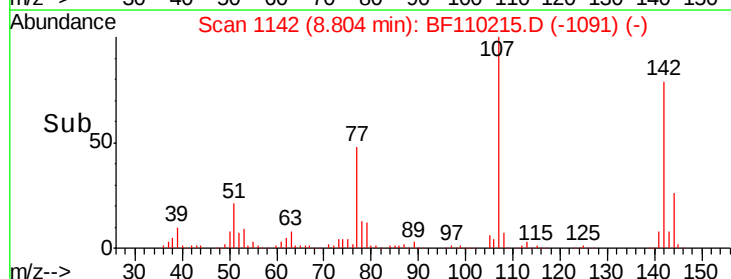
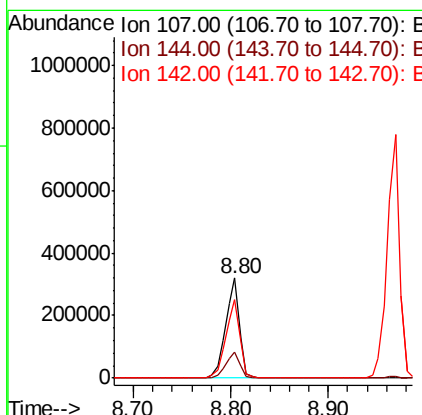
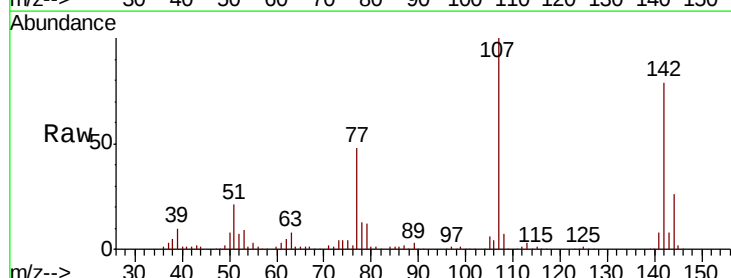
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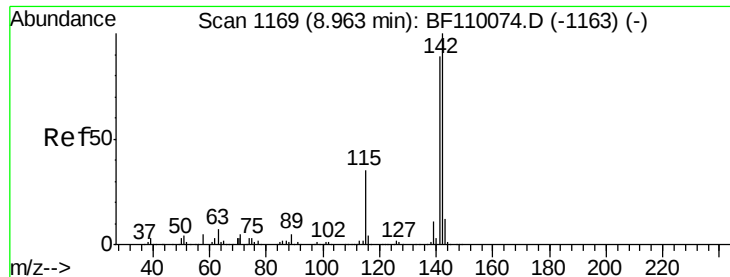
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#36
 4-Chloro-3-methylphenol
 Concen: 39.999 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.0	30.0
142	78.8	59.7	89.5





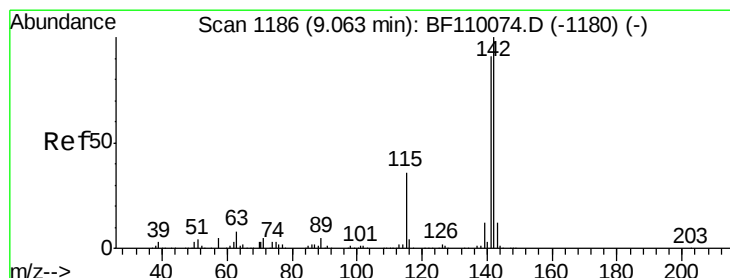
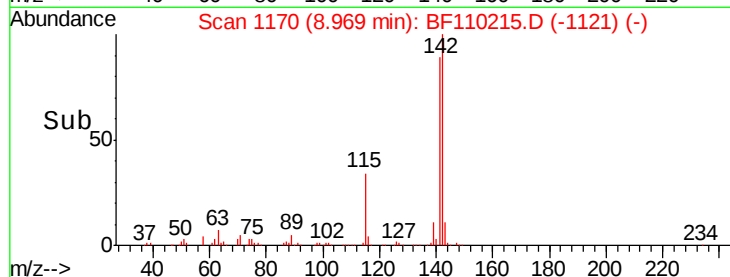
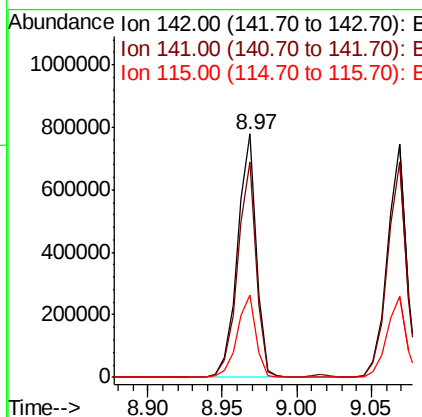
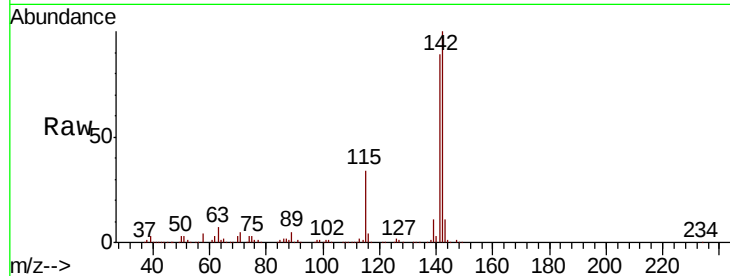
#37
2-Methylnaphthalene
Concen: 43.377 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	33.9	28.7	43.1

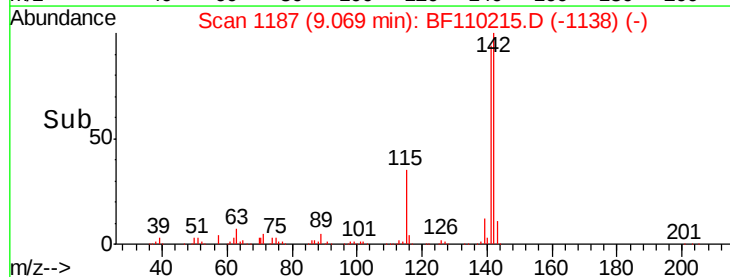
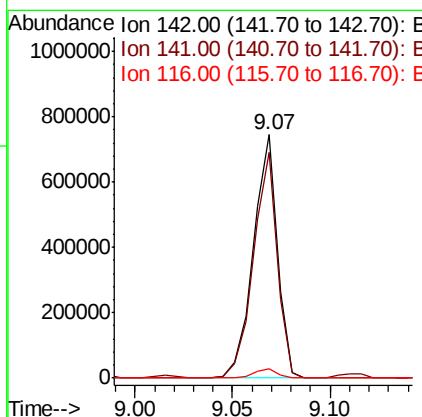
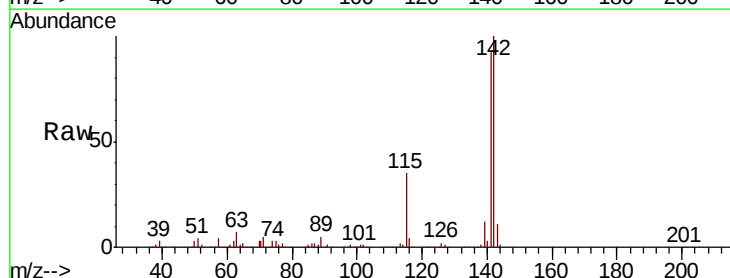
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#38
1-Methylnaphthalene
Concen: 41.457 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.4
116	3.6	2.6	4.0





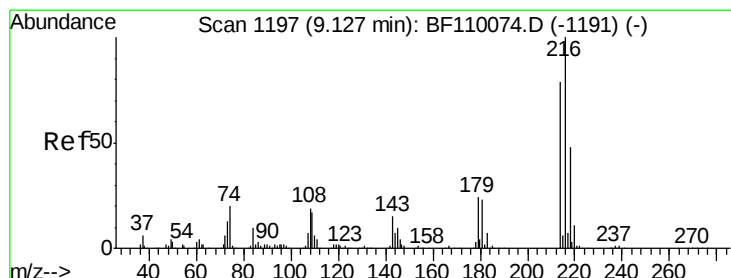
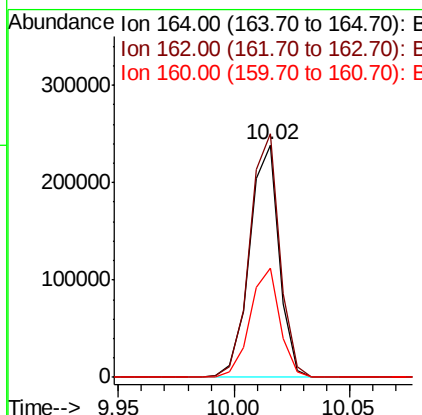
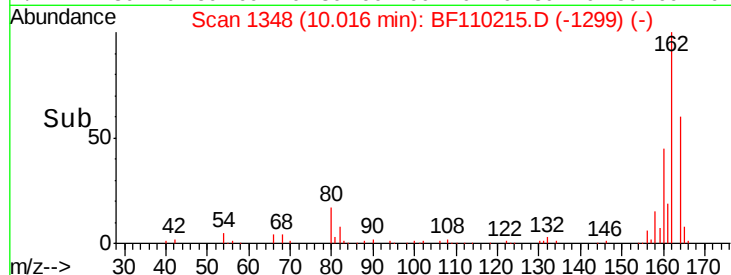
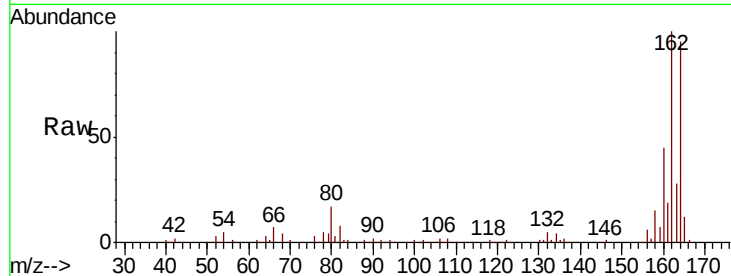
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion:	164	Resp:	214257
Ion Ratio	Lower	Upper	
164	100		
162	104.7	83.0	124.6
160	47.1	37.0	55.6

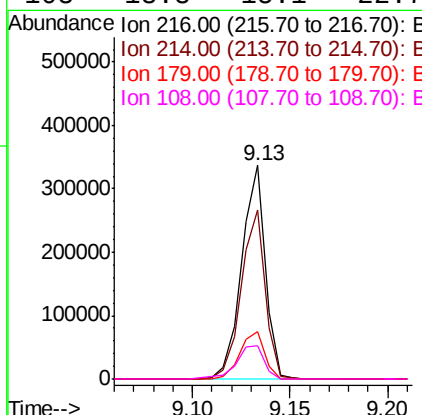
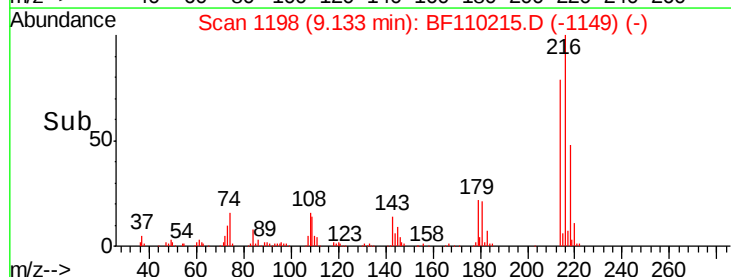
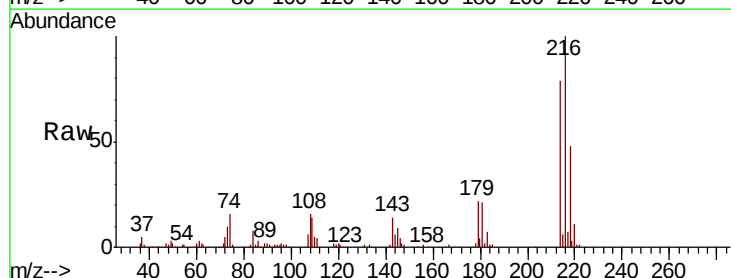
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.343 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:	216	Resp:	282670
Ion Ratio	Lower	Upper	
216	100		
214	80.2	63.8	95.6
179	23.2	16.6	25.0
108	18.8	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 30.277 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

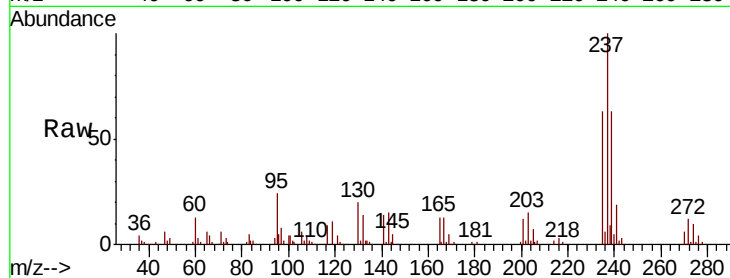
ClientSampleId :

JC-TS-001MS

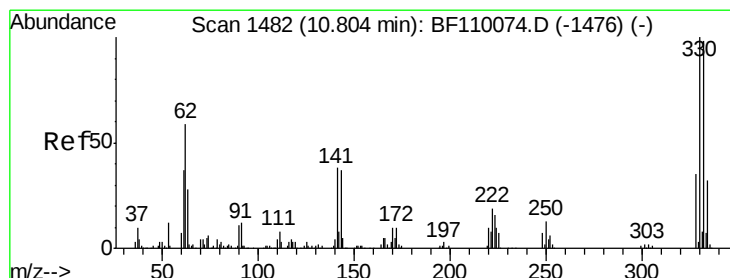
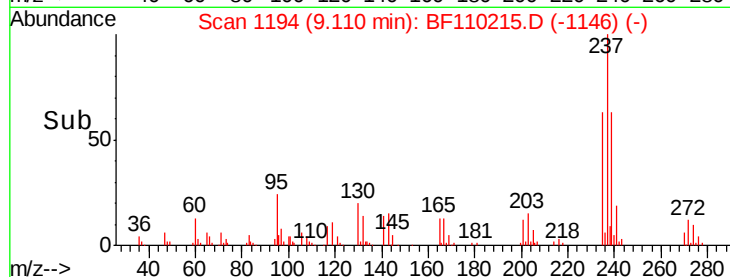
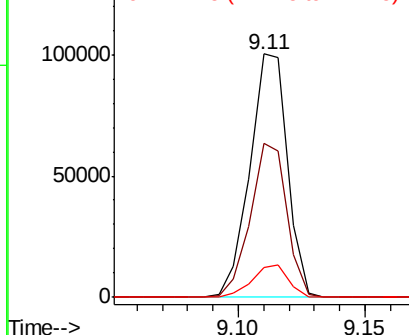
Tot Ion:	237	Resp:	103353
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.1	83.1
272	12.1	0.0	32.6

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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: 110.814 ng

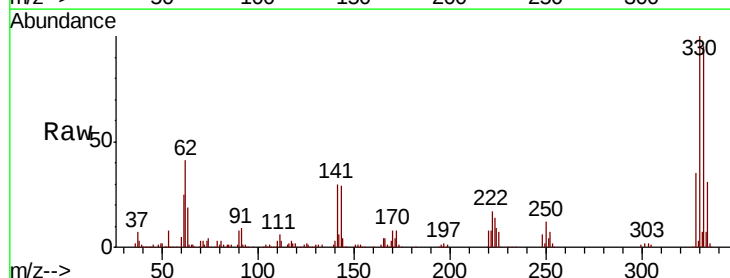
RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

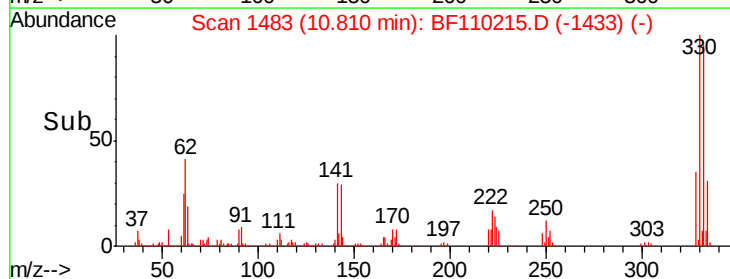
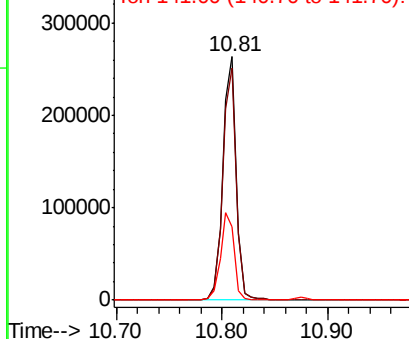
Lab File: BF110215.D

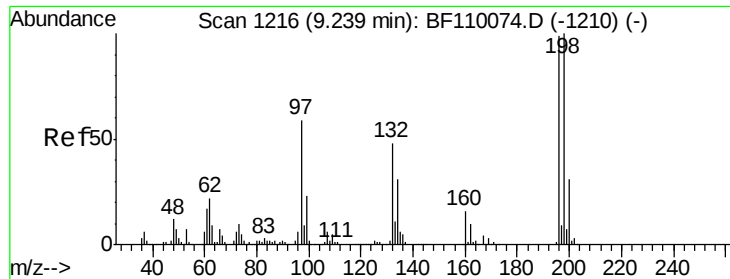
Acq: 26 Oct 2018 17:44

Tgt Ion:	330	Resp:	235187
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.1	115.7
141	36.9	27.0	40.4



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





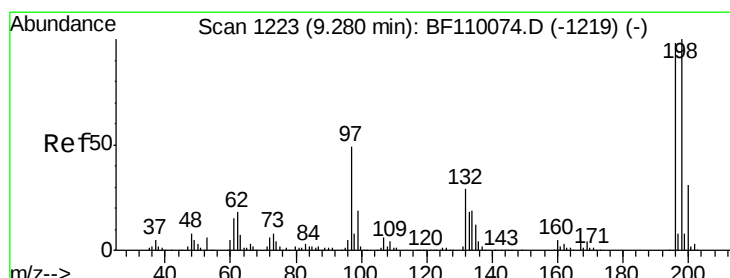
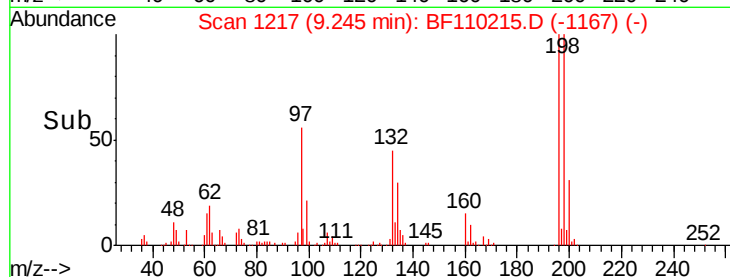
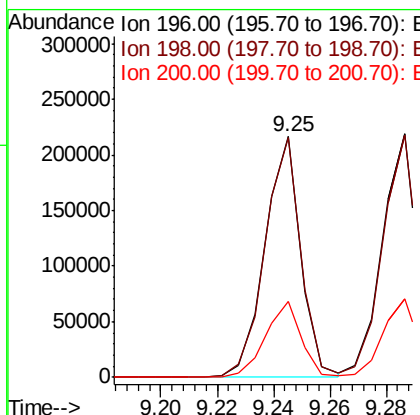
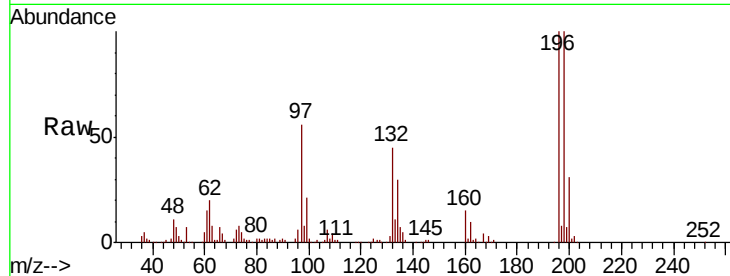
#43
 2,4,6-Trichlorophenol
 Concen: 44.111 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Instrument :
 BNA_F
 ClientSampled :
 JC-TS-001MS

Tot Ion:	196	Resp:	189936
Ion Ratio	Lower	Upper	
196	100		
198	99.8	76.2	114.4
200	31.5	24.4	36.6

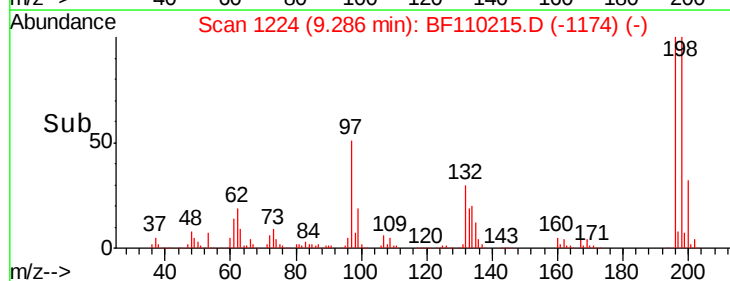
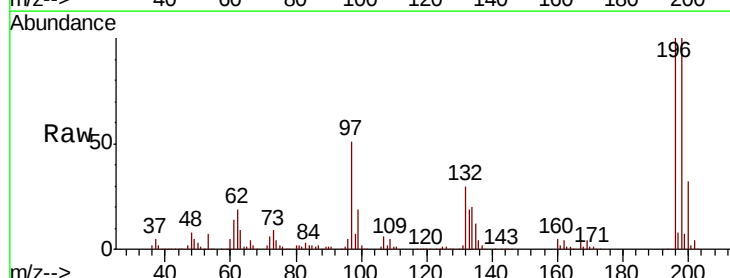
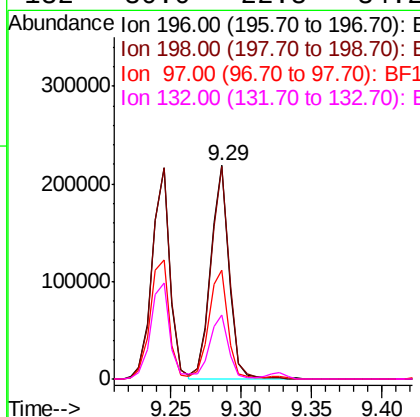
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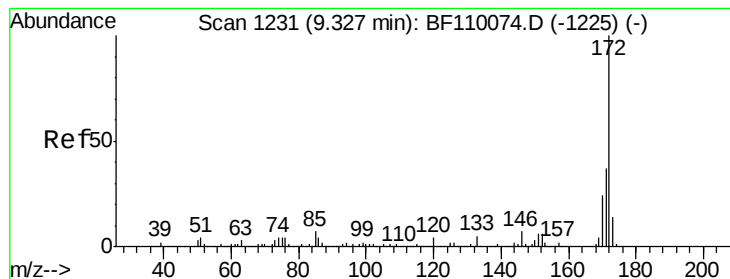
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#44
 2,4,5-Trichlorophenol
 Concen: 43.423 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Tgt Ion:	196	Resp:	197637
Ion Ratio	Lower	Upper	
196	100		
198	99.6	75.8	113.6
97	50.7	42.4	63.6
132	30.0	22.8	34.2





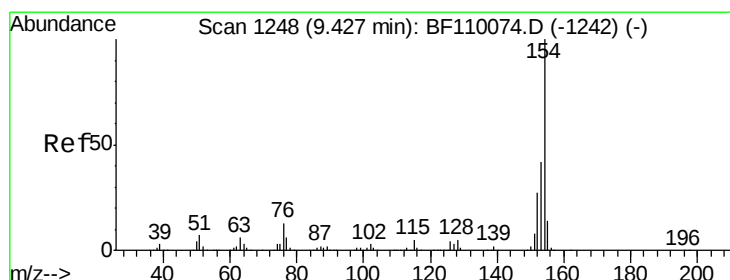
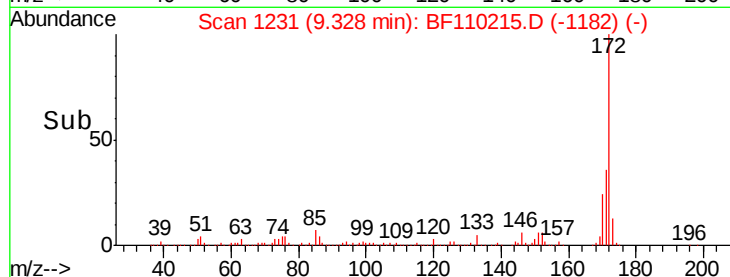
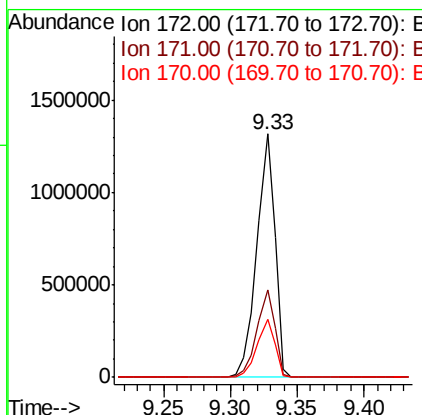
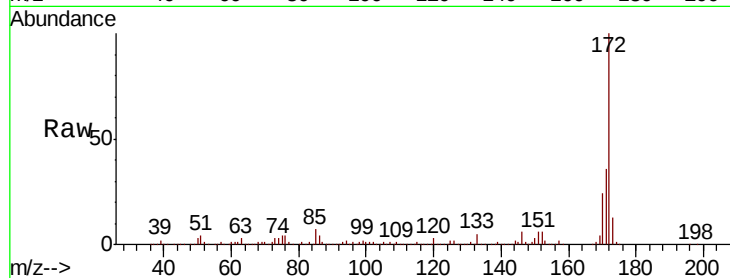
#45
2-Fluorobiphenyl
Concen: 89.255 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.8	19.7	29.5

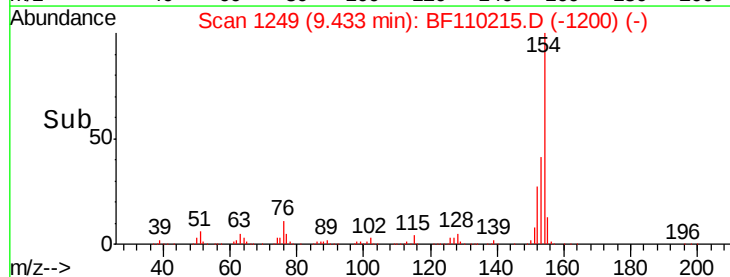
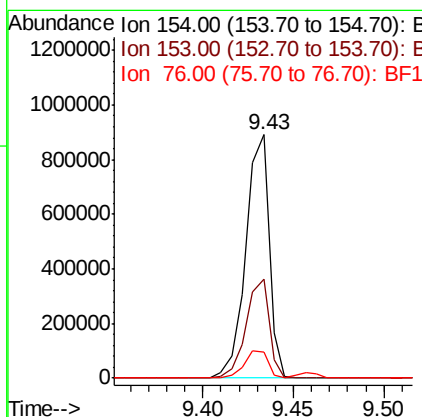
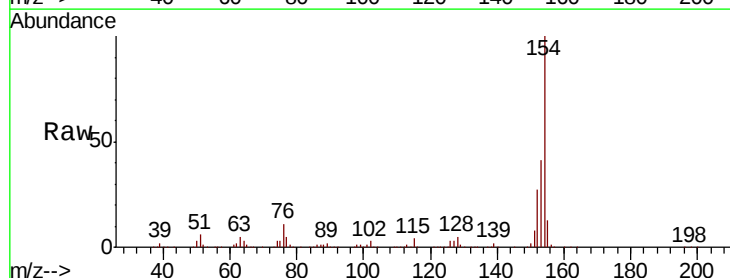
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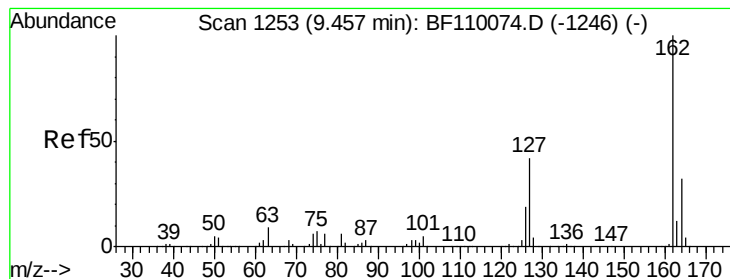
Sohil
10/29/2018 11:56:41 AM



#46
1,1'-Biphenyl
Concen: 41.269 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.4	60.4
76	10.7	0.0	31.9





#47

2-Chloronaphthalene

Concen: 41.971 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

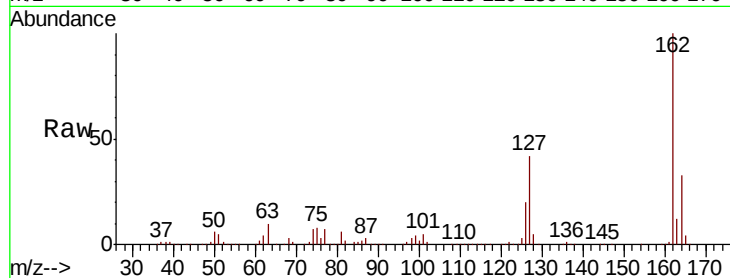
ClientSampleId :

JC-TS-001MS

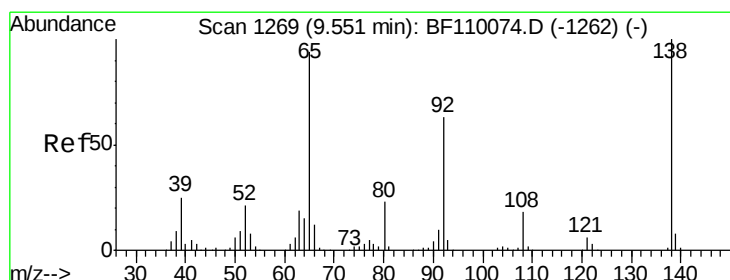
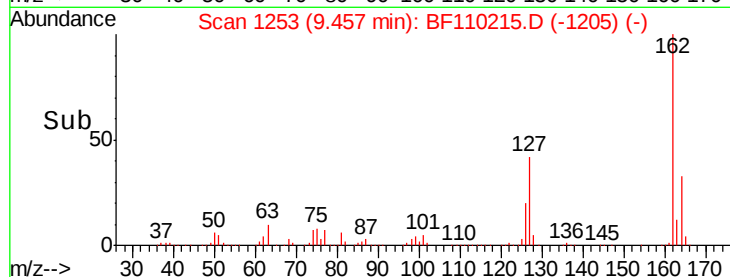
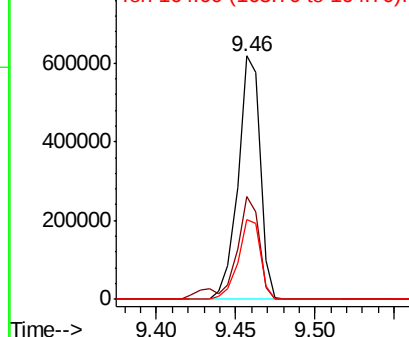
Tot Ion:	162	Resp:	596506
Ion Ratio	Lower	Upper	
162	100		
127	42.0	32.6	48.8
164	33.0	25.9	38.9

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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: 45.365 ng

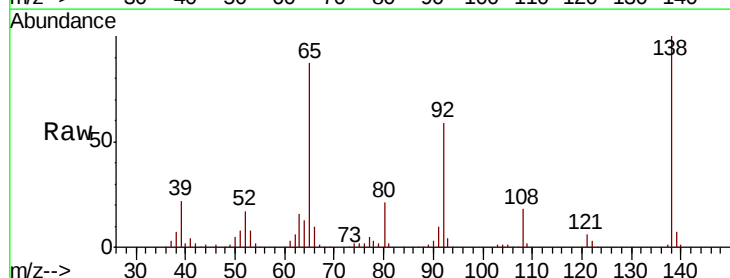
RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

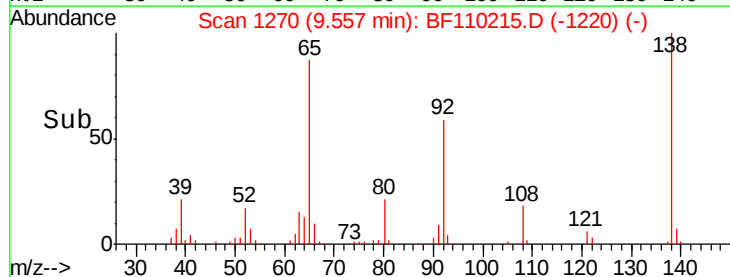
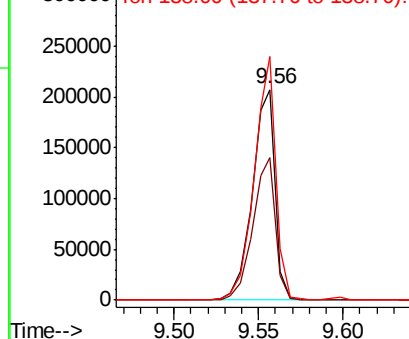
Lab File: BF110215.D

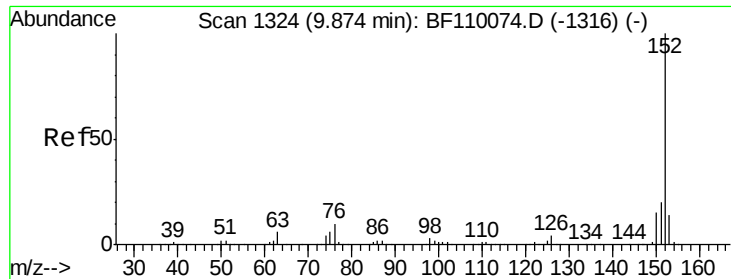
Acq: 26 Oct 2018 17:44

Tgt Ion:	65	Resp:	195375
Ion Ratio	Lower	Upper	
65	100		
92	67.9	54.6	81.8
138	115.6	80.3	120.5



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





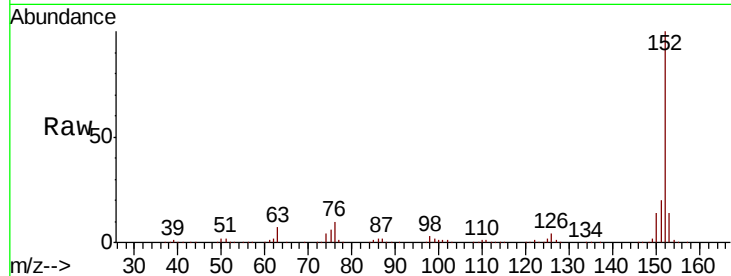
#49
Acenaphthylene
Concen: 44.254 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.8	10.4	15.6

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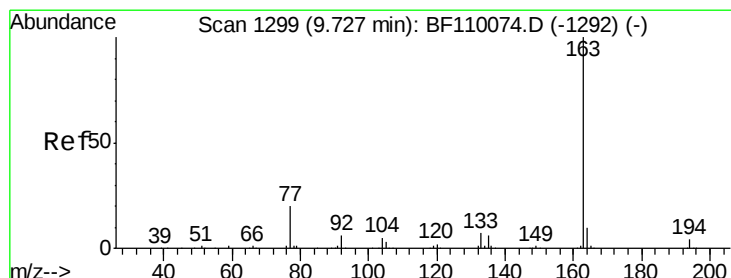
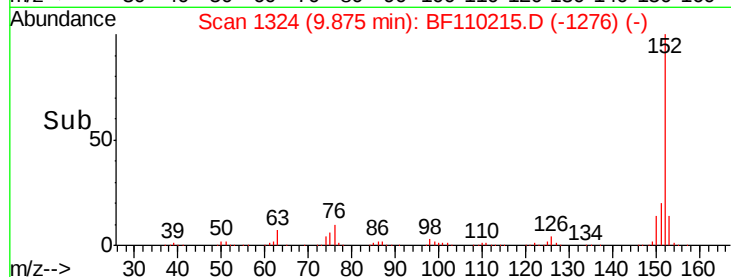
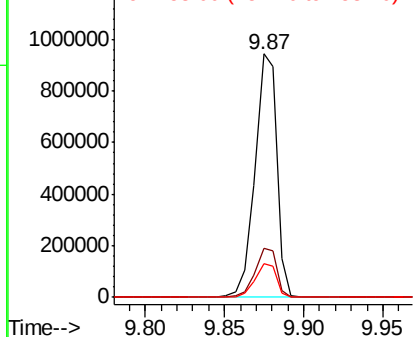


Abundance

Ion 152.00 (151.70 to 152.70): E

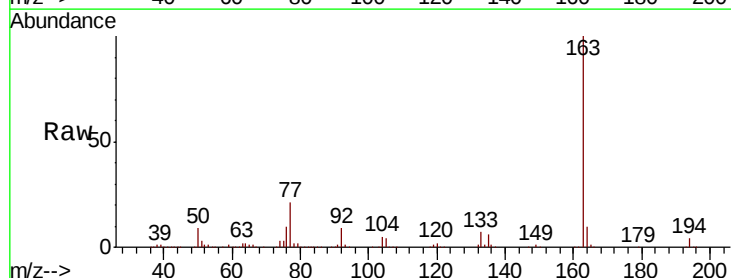
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 56.047 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.4	8.1	12.1

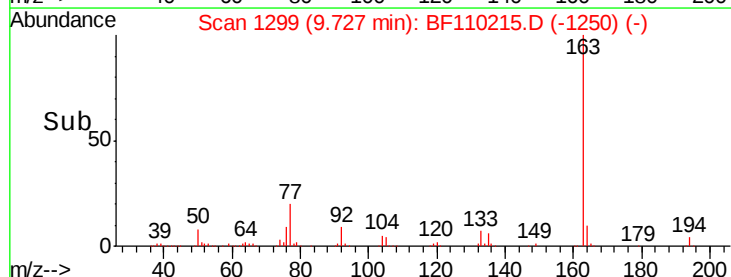
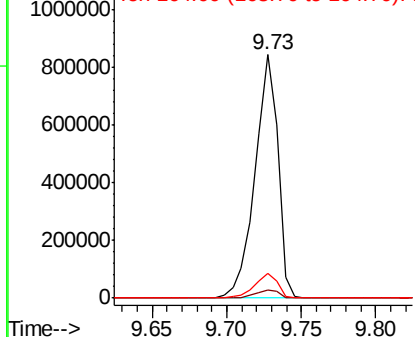


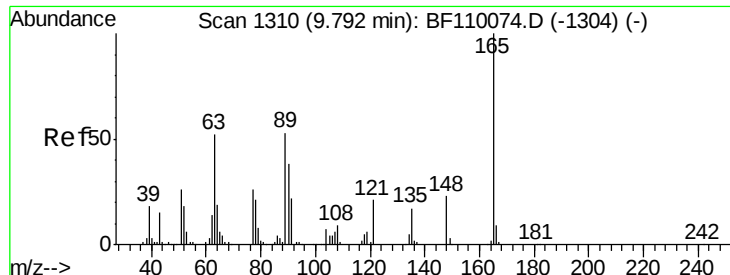
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





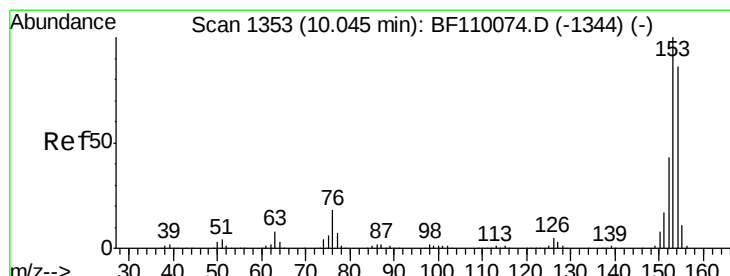
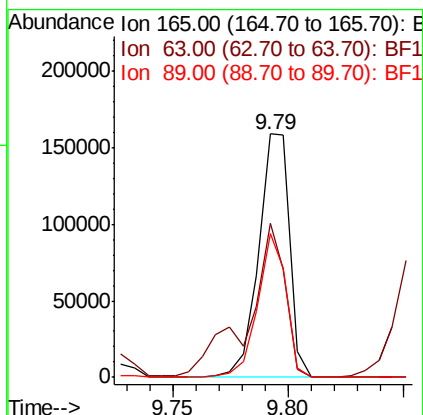
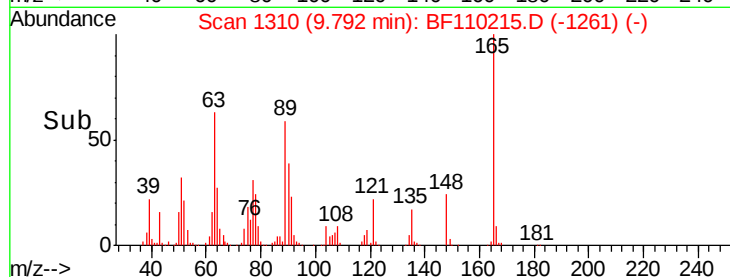
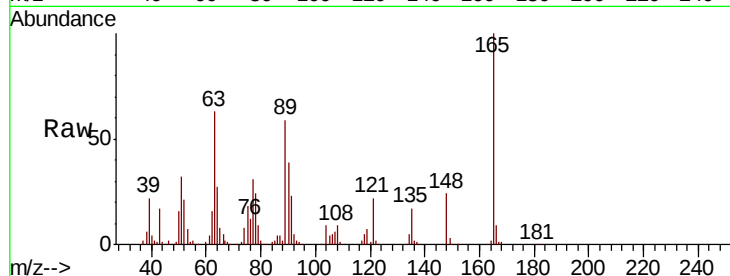
#51
2,6-Dinitrotoluene
Concen: 43.764 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.1	48.9	73.3
89	59.1	46.6	69.8

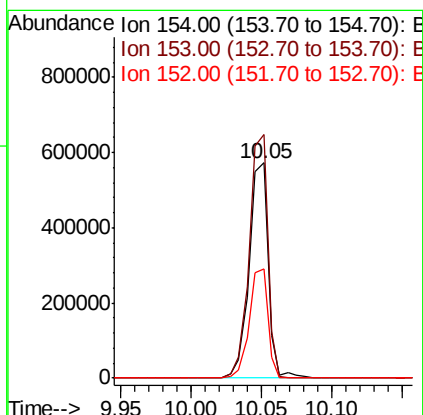
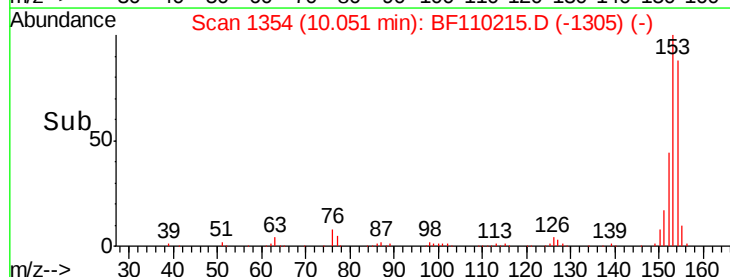
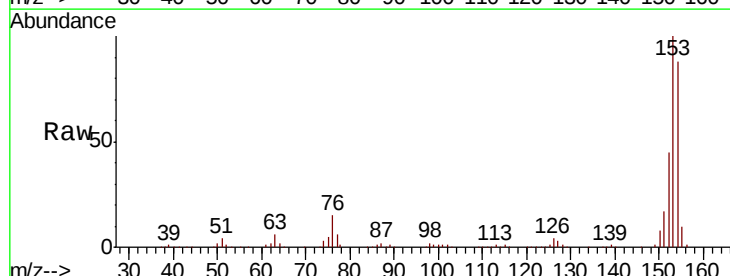
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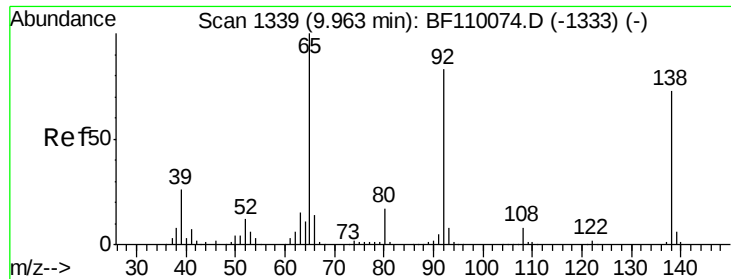
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#52
Acenaphthene
Concen: 40.361 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.1	135.1
152	50.5	43.4	65.2





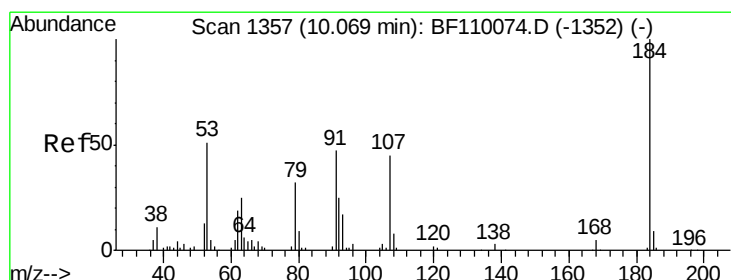
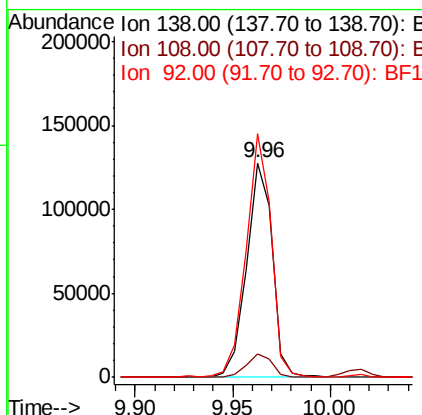
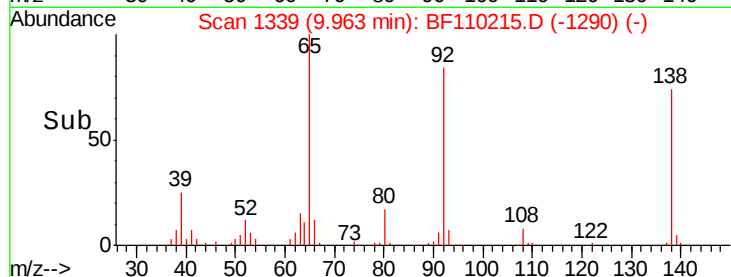
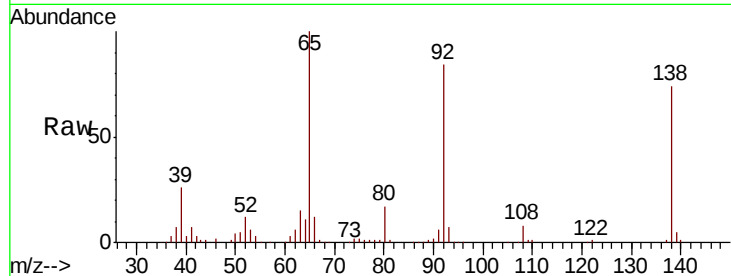
#53
3-Nitroaniline
Concen: 28.767 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	113.7	97.0	145.4

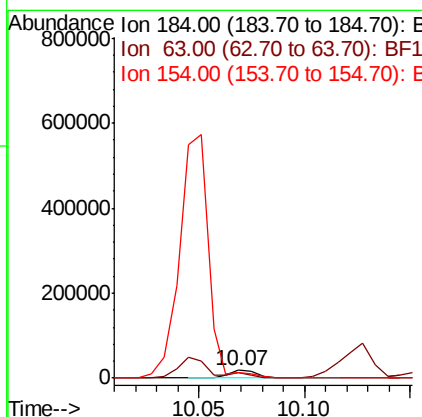
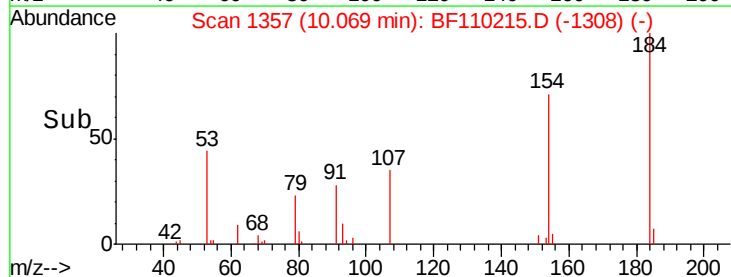
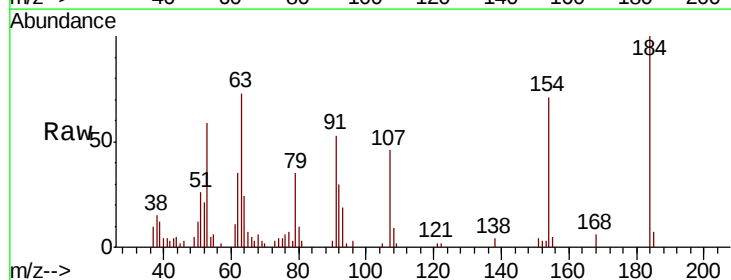
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#54
2,4-Dinitrophenol
Concen: 16.545 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.4	55.8	83.6
154	71.3	63.2	94.8





#55

Dibenzofuran

Concen: 40.499 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

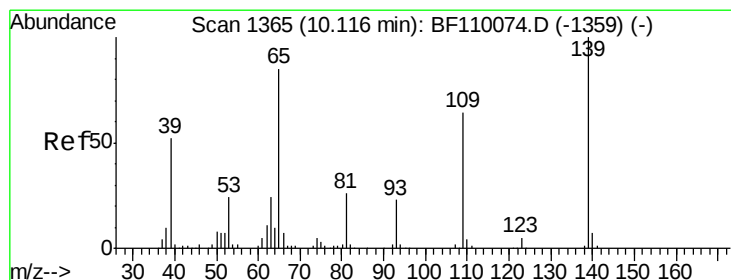
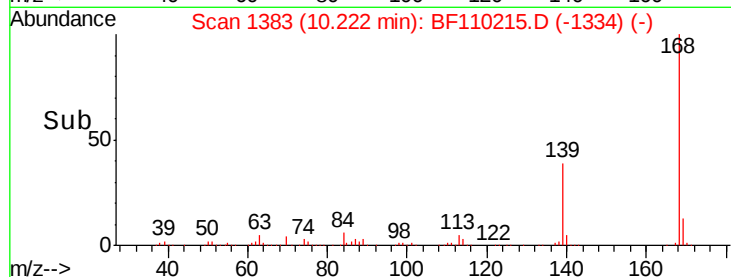
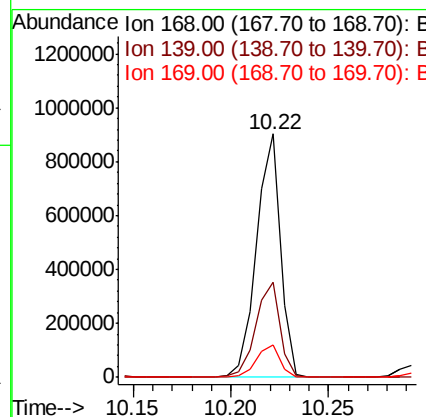
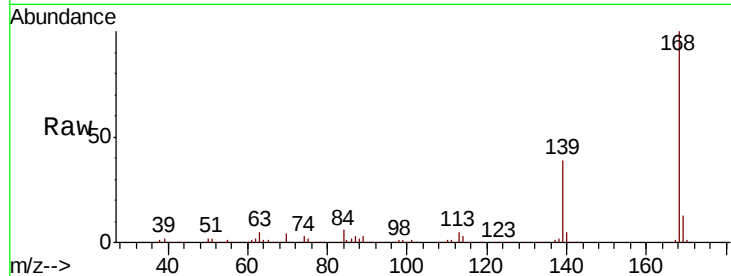
ClientSampleId :

JC-TS-001MS

Tot Ion:	168	Resp:	770005
Ion Ratio	Lower	Upper	
168	100		
139	38.8	33.0	49.6
169	13.3	11.3	16.9

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#56

4-Nitrophenol

Concen: 102.174 ng

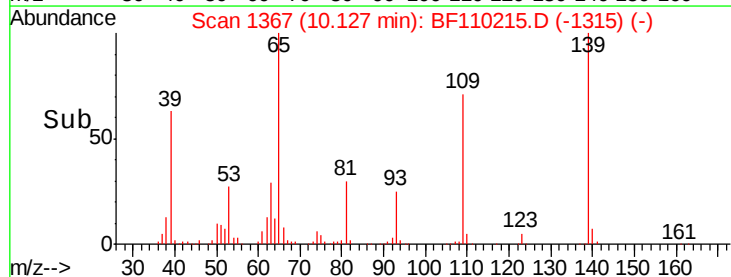
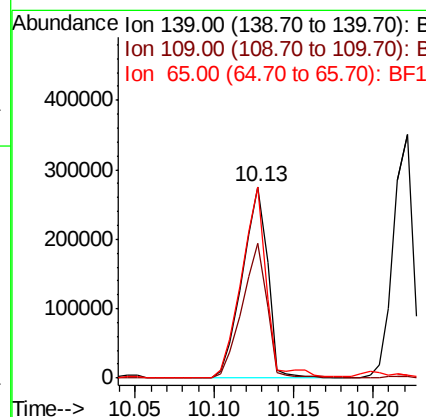
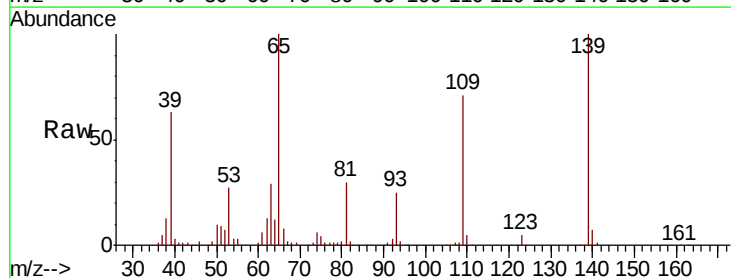
RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion:	139	Resp:	306366
Ion Ratio	Lower	Upper	
139	100		
109	70.8	55.8	95.8
65	100.0	77.9	117.9





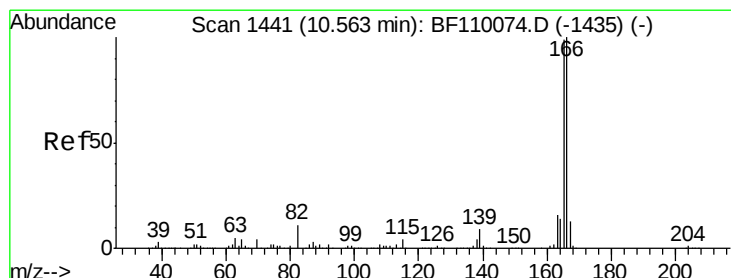
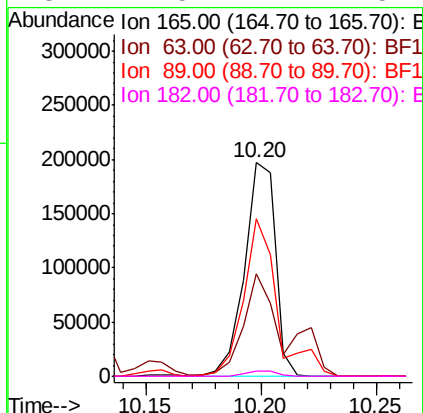
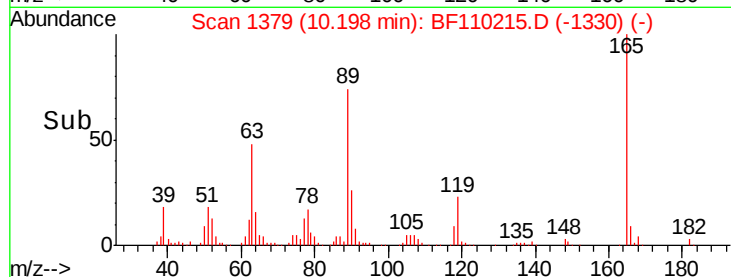
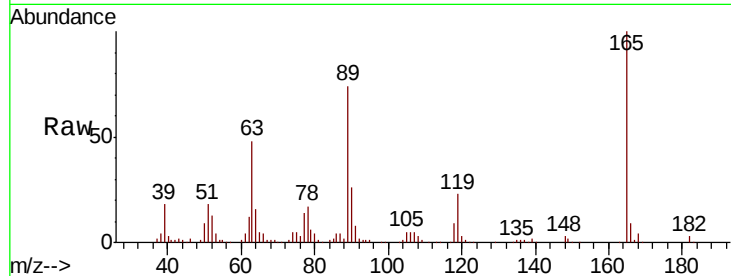
#57
2,4-Dinitrotoluene
Concen: 42.692 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		184742		
63	47.7		44.8	67.2	
89	74.0		62.2	93.4	
182	2.5		2.1	3.1	

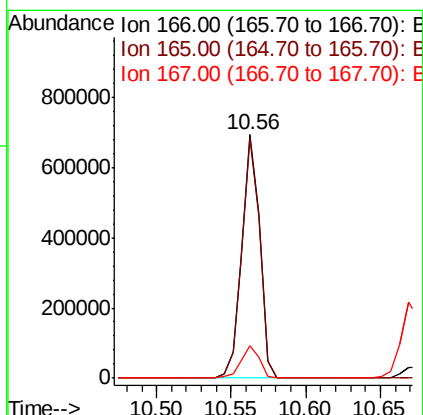
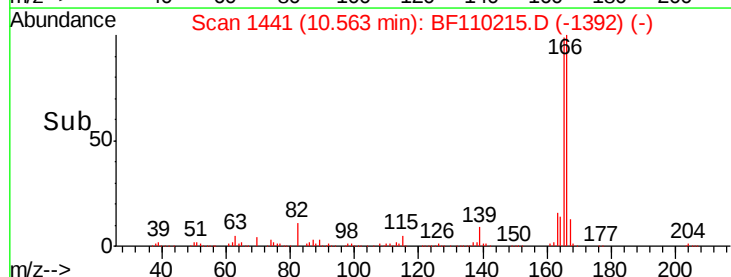
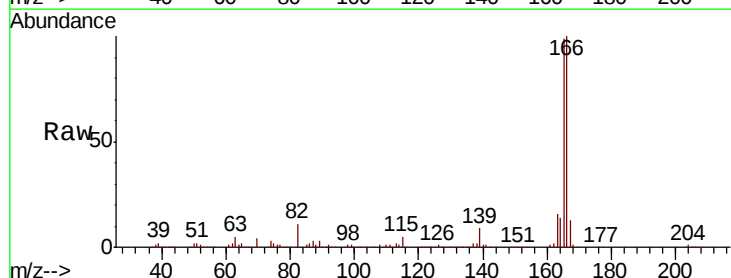
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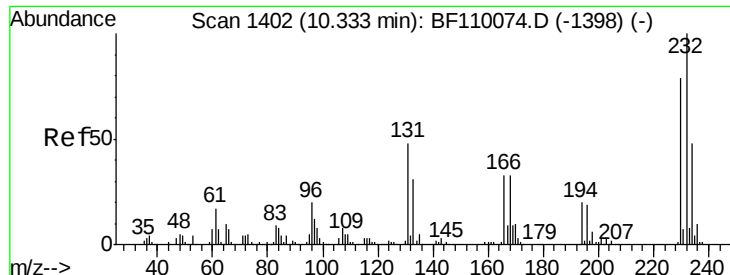
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#58
Fluorene
Concen: 41.106 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		581665		
165	98.6		78.6	117.8	
167	13.5		10.8	16.2	





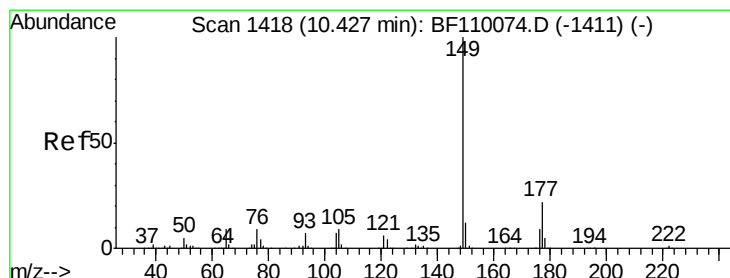
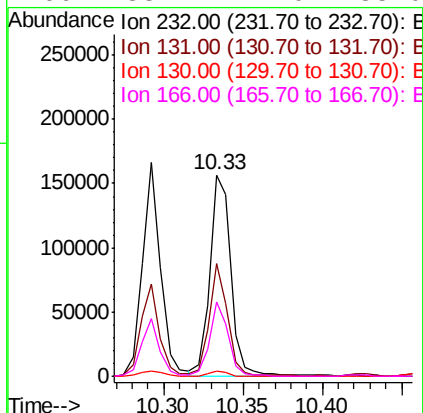
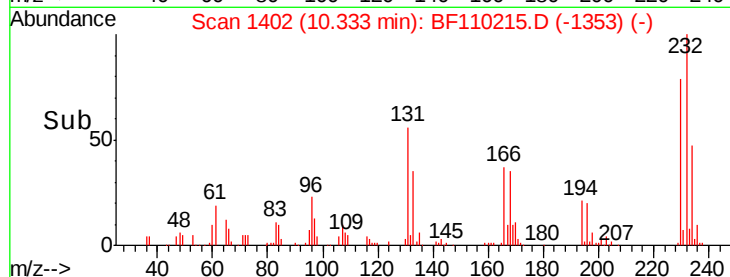
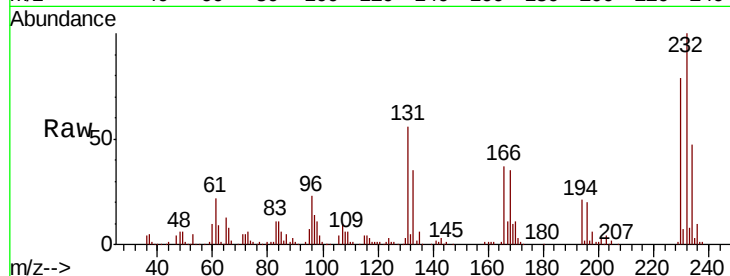
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.010 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.7	37.0	55.4
130	2.2	1.8	2.6
166	33.2	22.0	33.0#

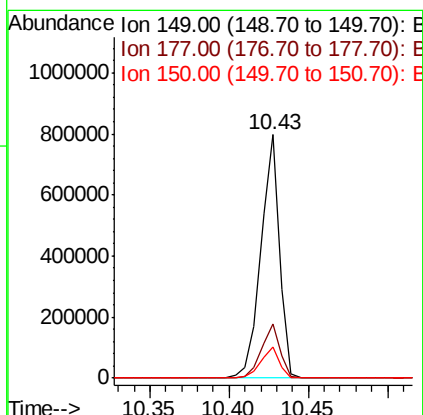
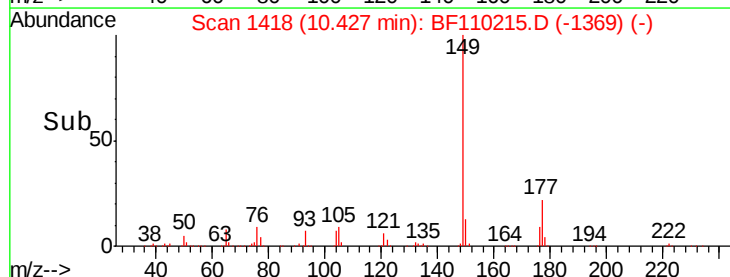
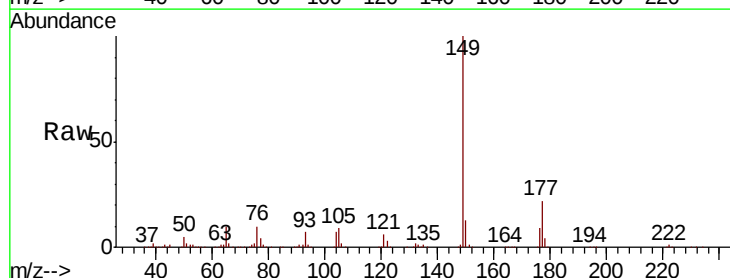
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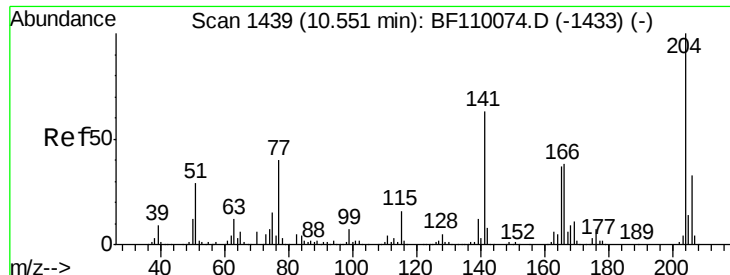
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#60
Diethylphthalate
Concen: 42.481 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	12.7	9.8	14.8





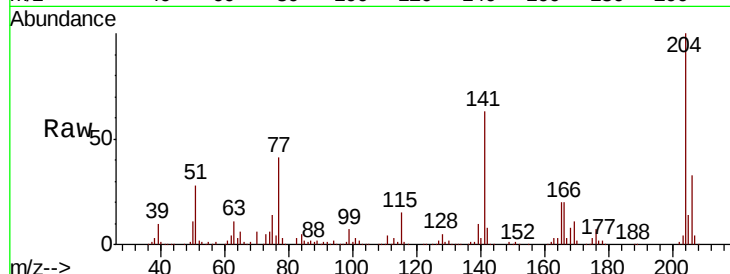
#61
4-Chlorophenyl-phenylether
Concen: 38.536 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.0	26.5	39.7
141	63.1	51.8	77.8

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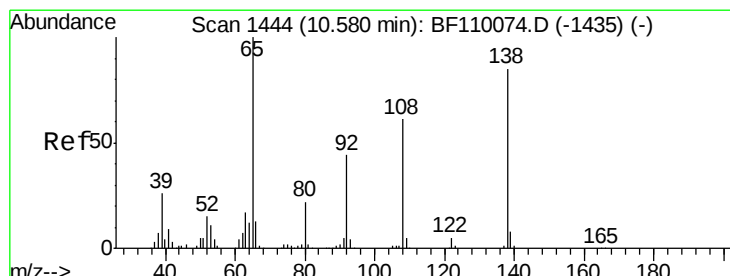
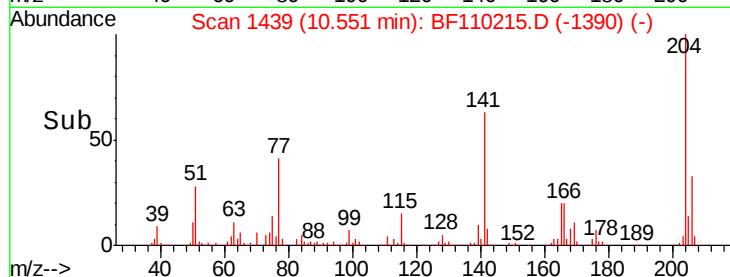
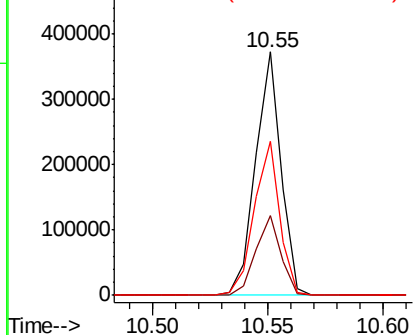


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.657 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

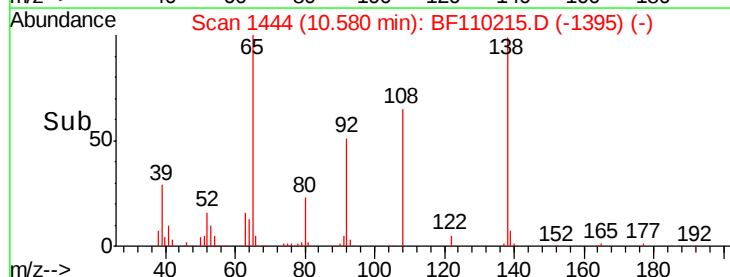
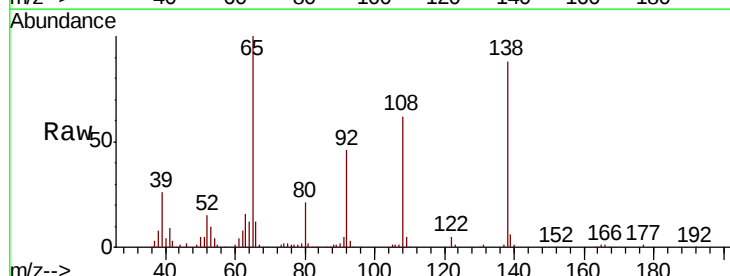
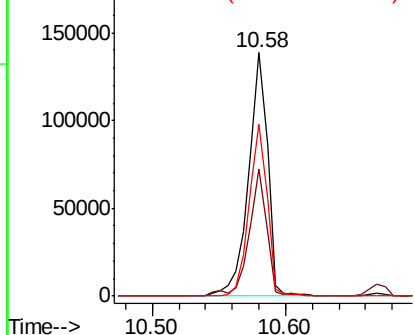
Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	52.1	31.7	71.7
108	70.4	59.3	99.3

Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





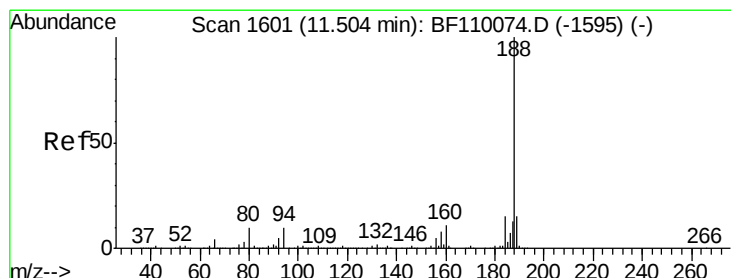
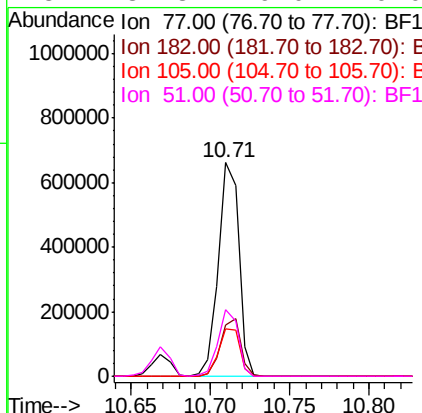
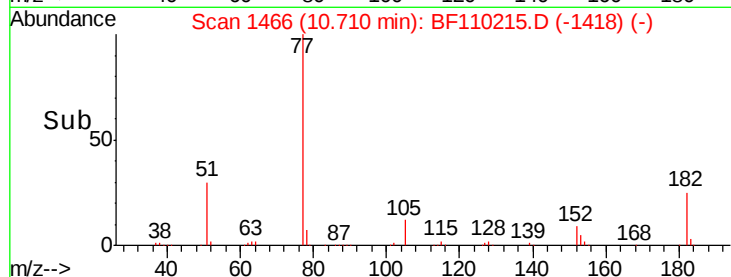
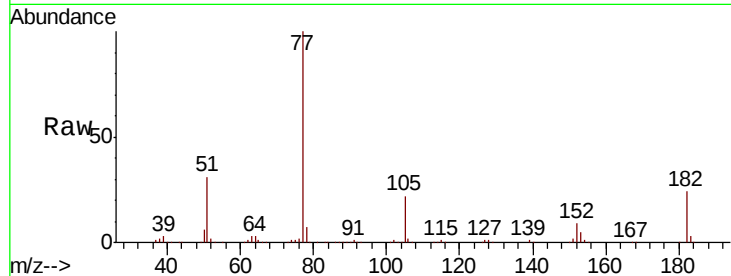
#63
Azobenzene
Concen: 38.869 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		595659		
182	23.7	4.3	44.3		
105	22.3	1.3	41.3		
51	31.3	9.0	49.0		

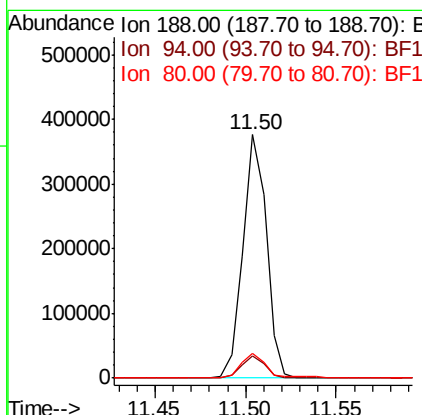
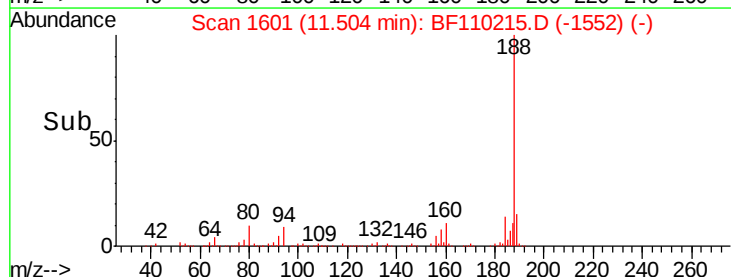
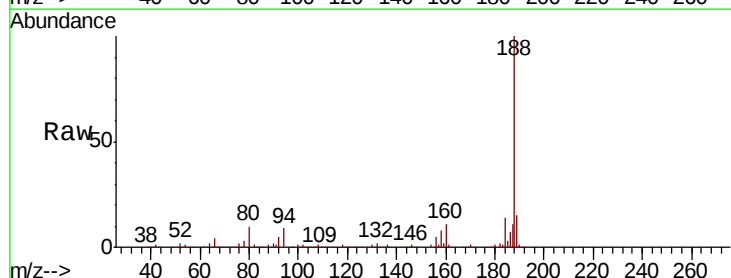
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		339519		
94	9.4	7.2	10.8		
80	10.3	7.9	11.9		





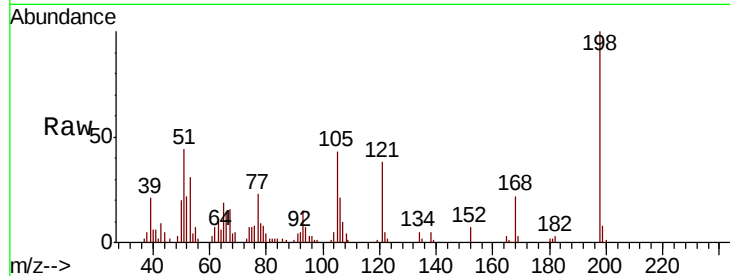
#65
4,6-Dinitro-2-methylphenol
Concen: 12.745 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.7	22.8	62.8
105	43.4	23.6	63.6

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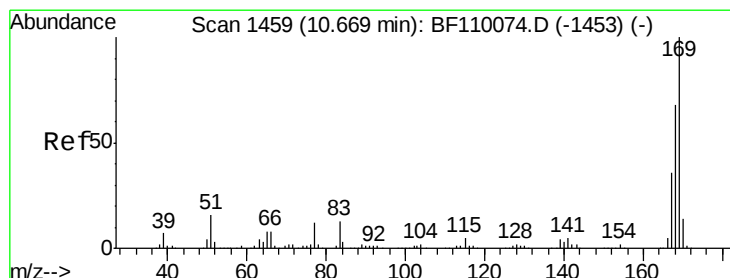
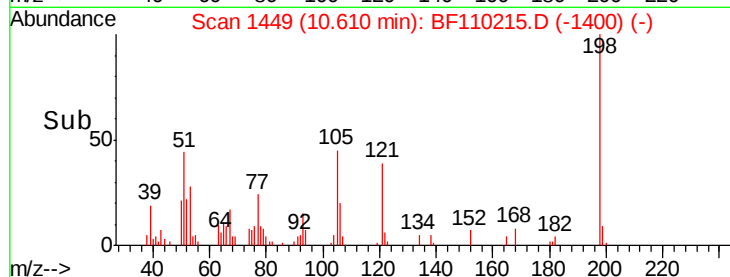
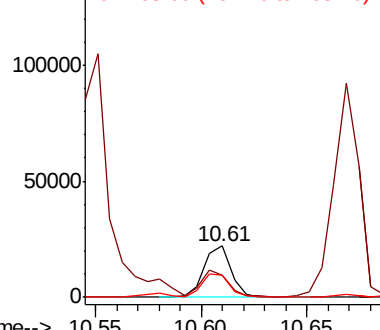


Abundance

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: 46.465 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

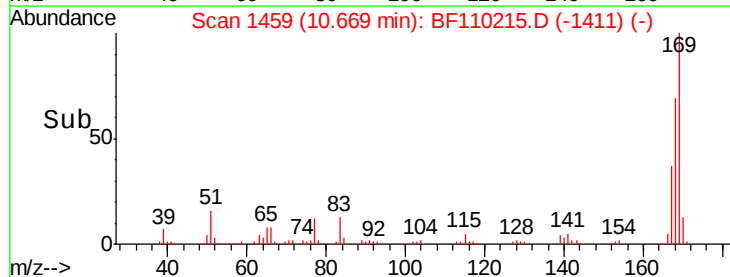
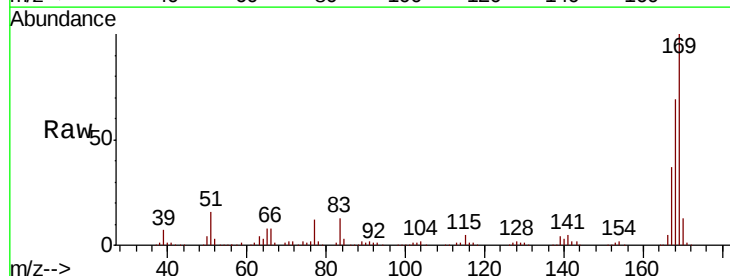
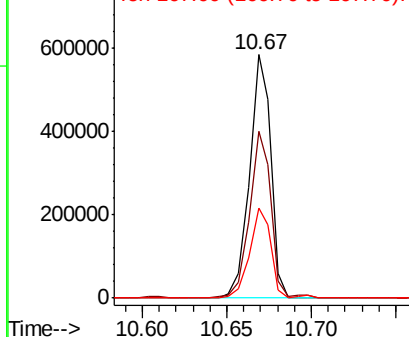
Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.6	51.2	76.8
167	37.0	27.8	41.6

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





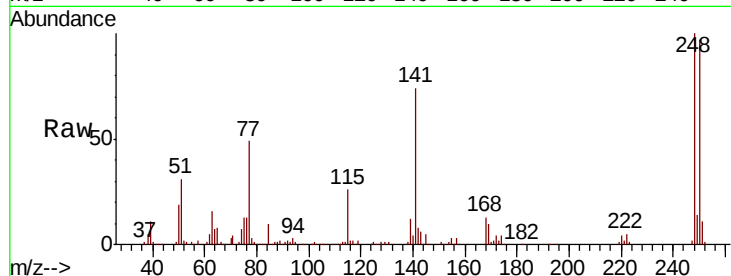
#67
4-Bromophenyl-phenylether
Concen: 43.519 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.4	119.2
141	74.1	55.9	83.9

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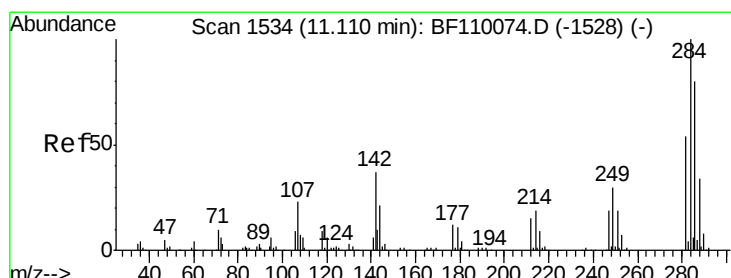
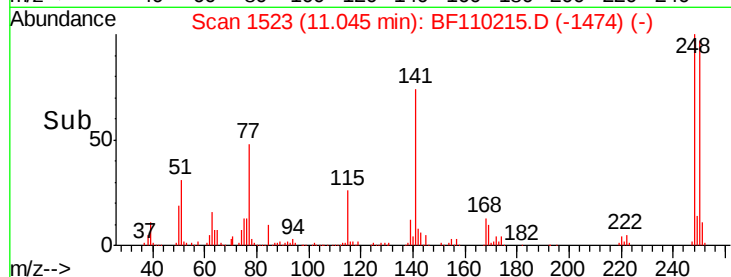
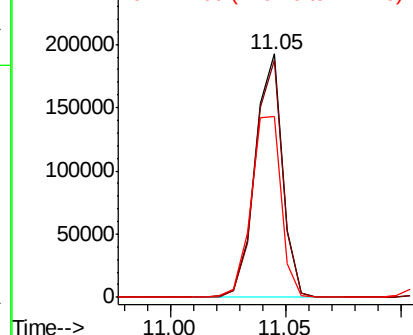


Abundance

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: 40.654 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

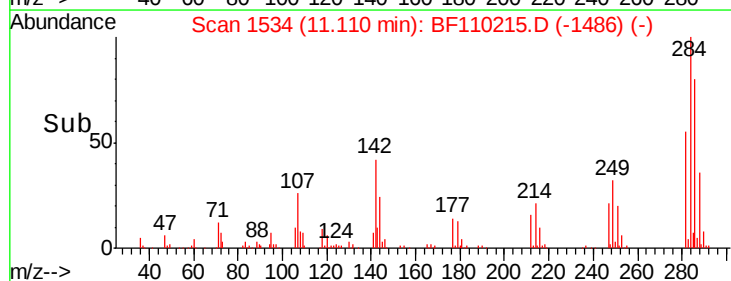
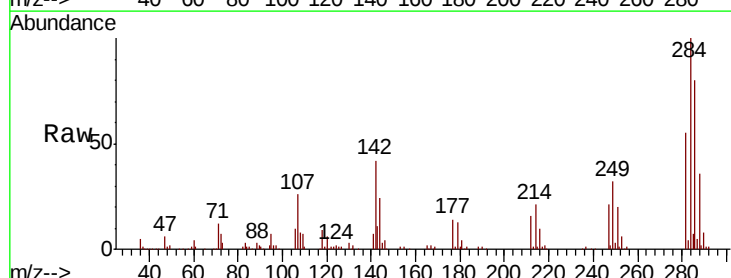
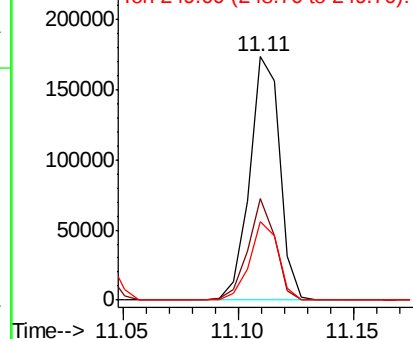
Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.7	23.9	35.9#
249	32.3	24.2	36.2

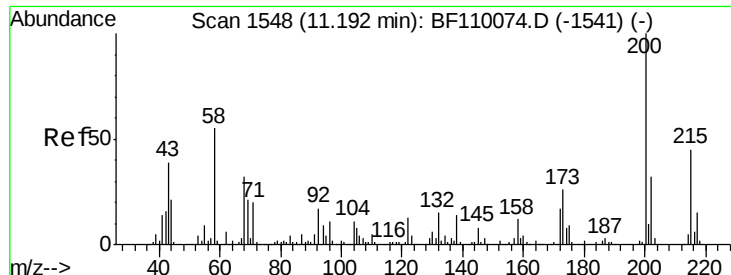
Abundance

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





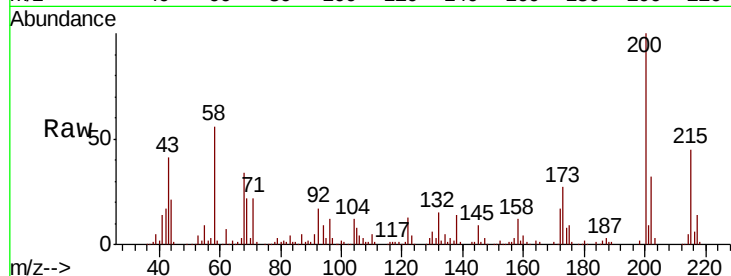
#69
Atrazine
Concen: 44.851 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.6	46.6
215	44.9	26.3	66.3

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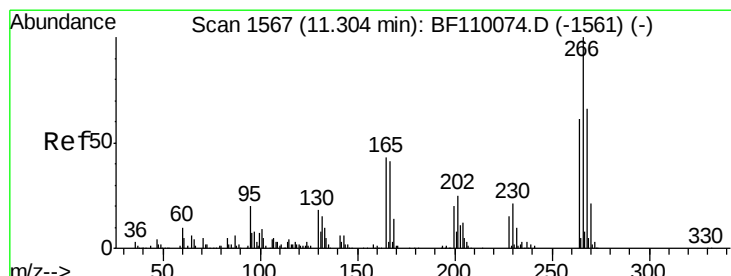
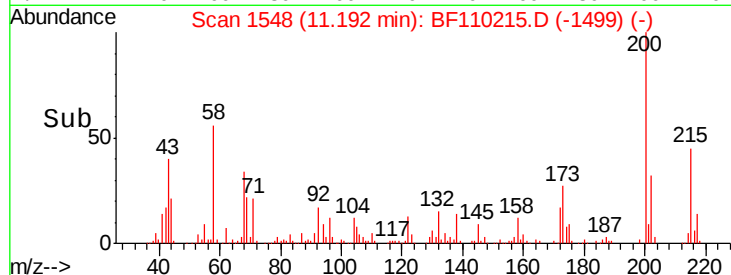
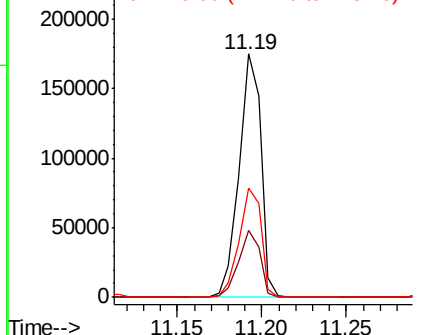


Abundance

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: 62.998 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

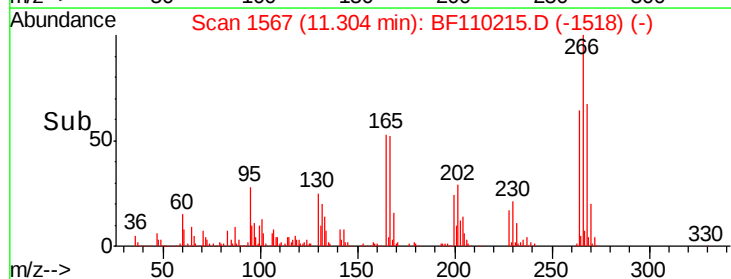
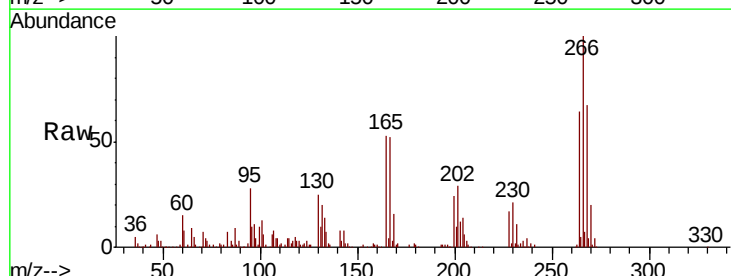
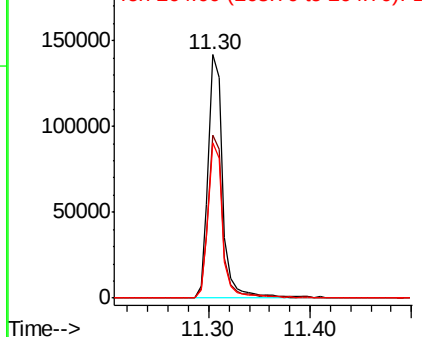
Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	50.6	75.8
264	63.7	50.6	75.8

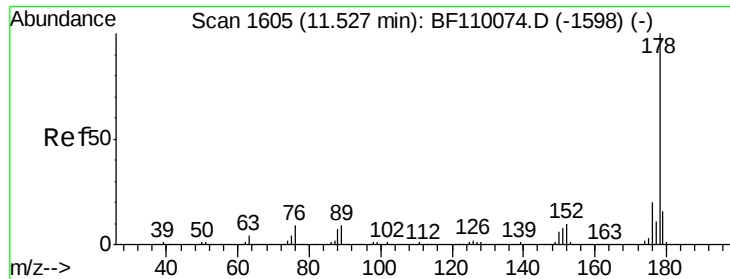
Abundance

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





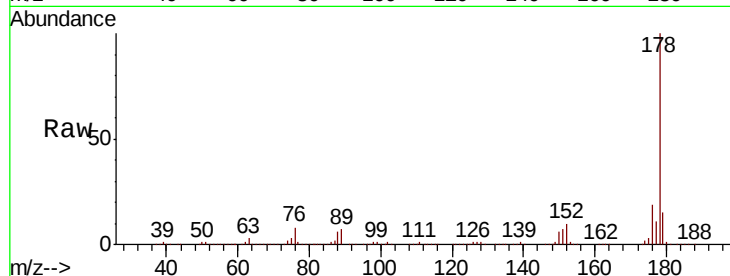
#71
Phenanthrene
Concen: 43.947 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

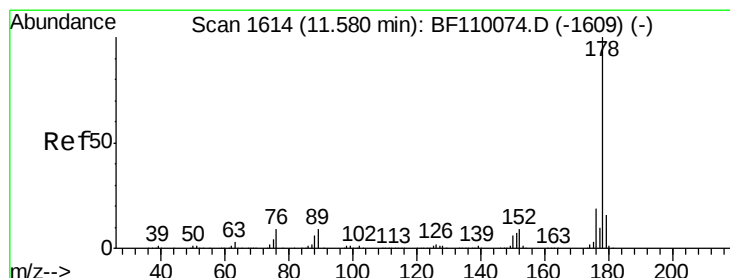
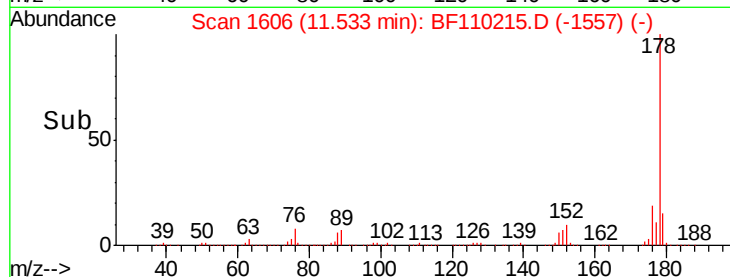
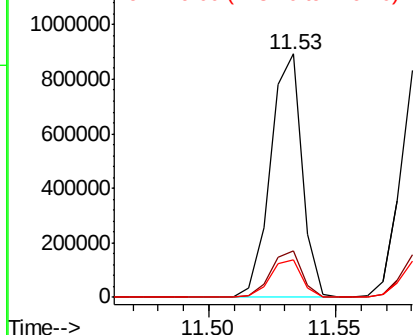
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.3	12.5	18.7

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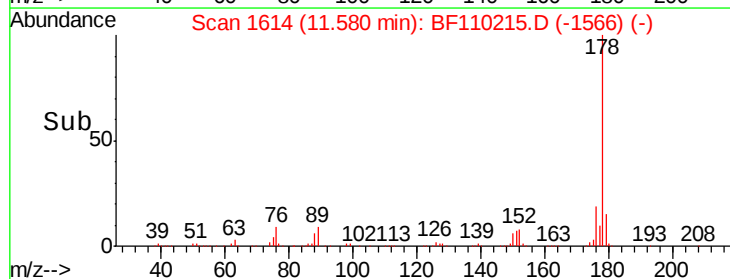
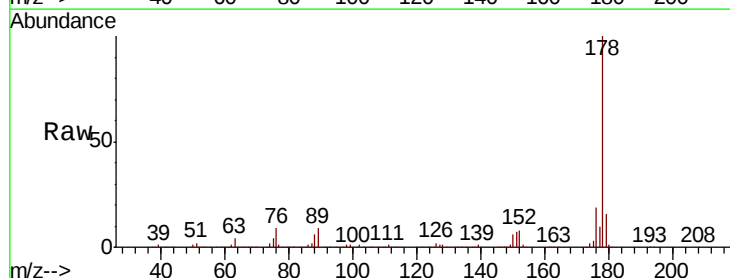
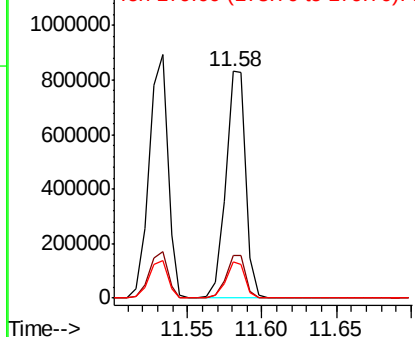
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

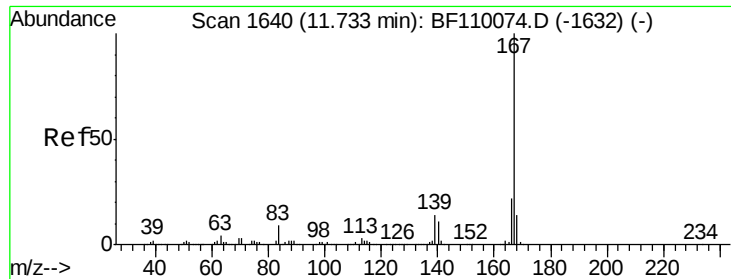


#72
Anthracene
Concen: 44.429 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.8	12.6	18.8

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





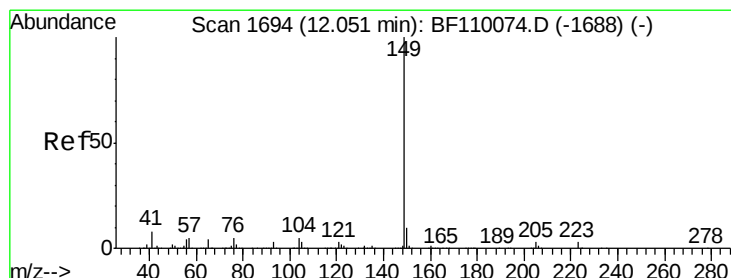
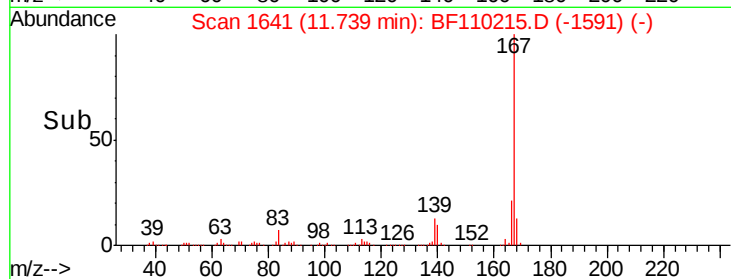
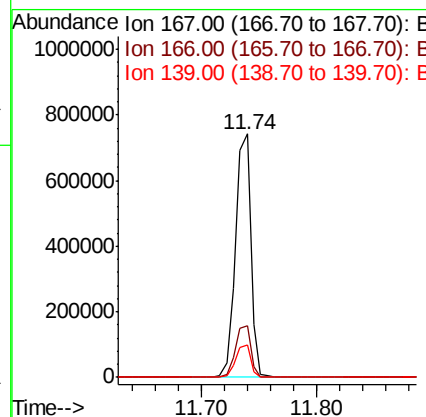
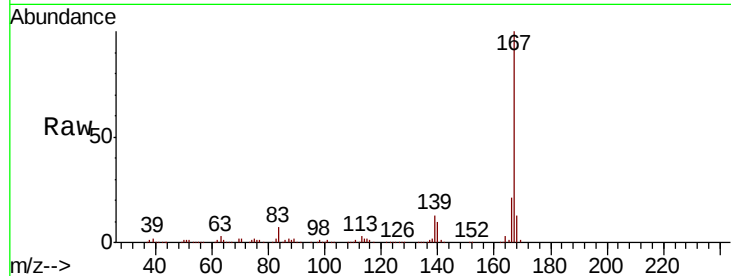
#73
 Carbazole
 Concen: 39.400 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Instrument :
 BNA_F
 ClientSampleId :
 JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	13.3	10.9	16.3

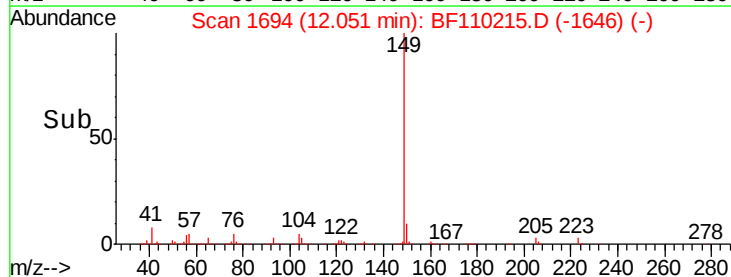
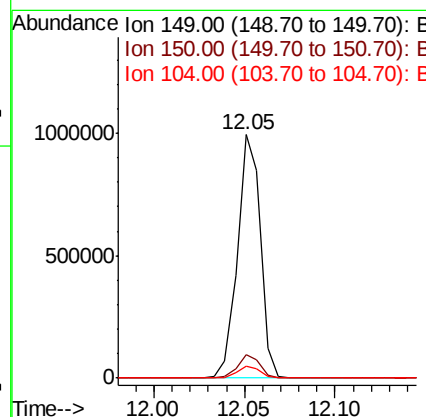
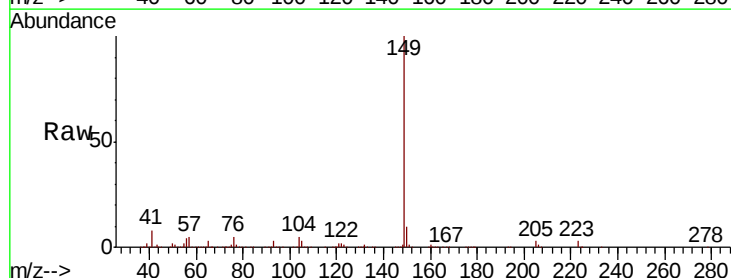
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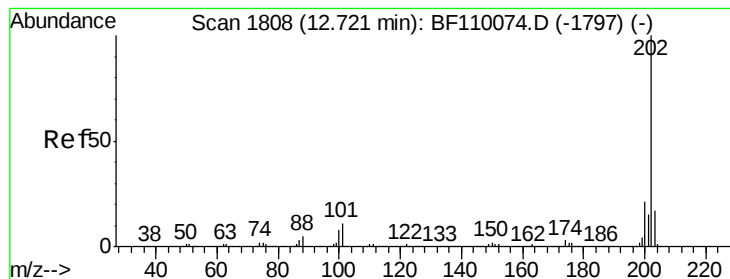
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#74
 Di-n-butylphthalate
 Concen: 44.505 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 43.442 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

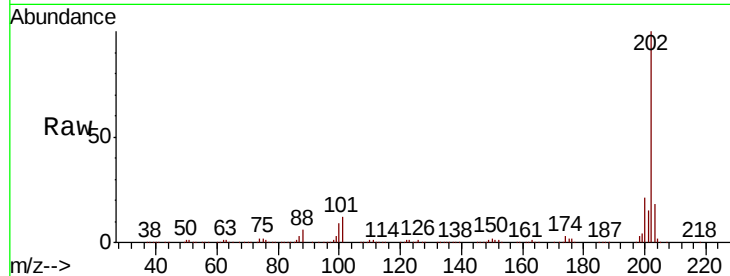
ClientSampleId :

JC-TS-001MS

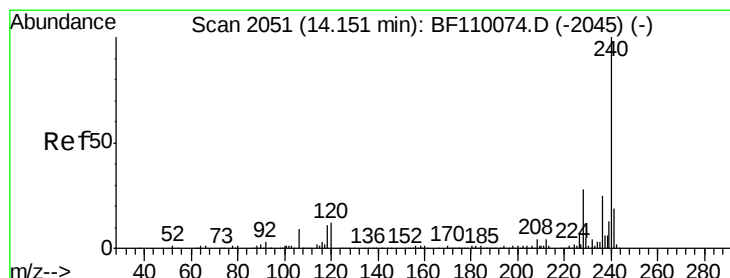
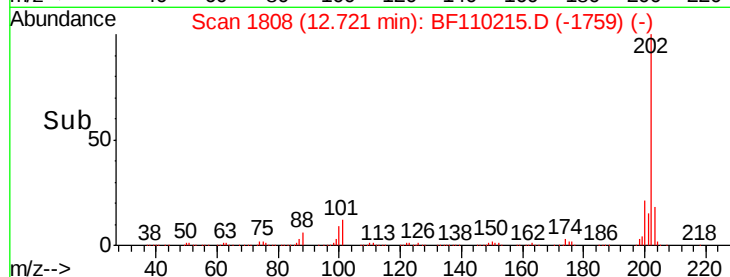
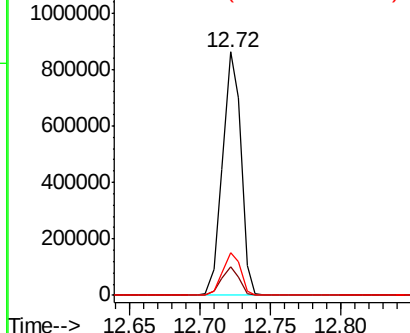
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		783238		
101	11.9	0.0	31.4		
203	17.8	0.0	37.7		

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



#76

Chrysene-d12

Concen: 20.000 ng

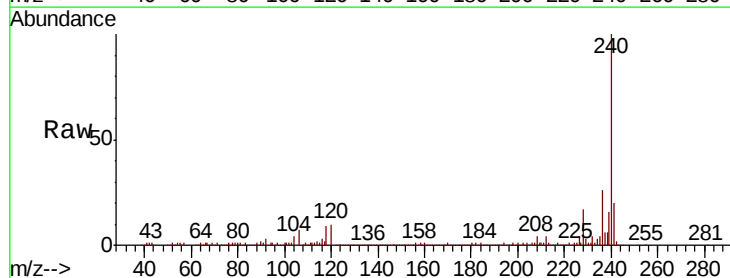
RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

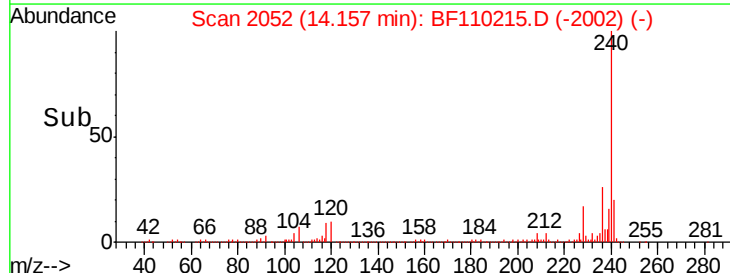
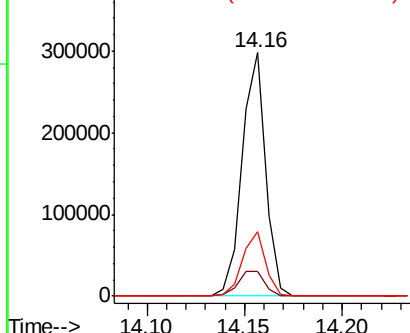
Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		248050		
120	10.3	8.3	12.5		
236	26.3	21.2	31.8		



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





#77

Benzidine

Concen: 39.364 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

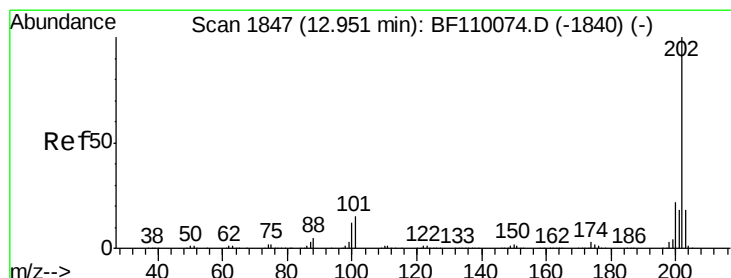
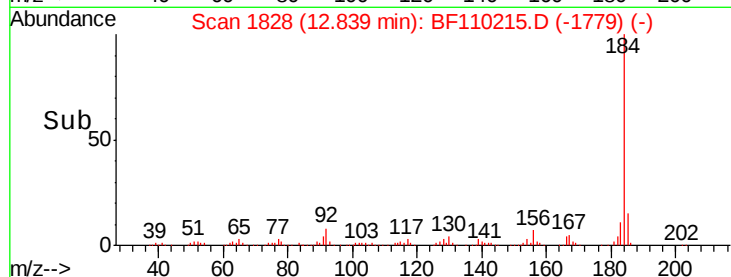
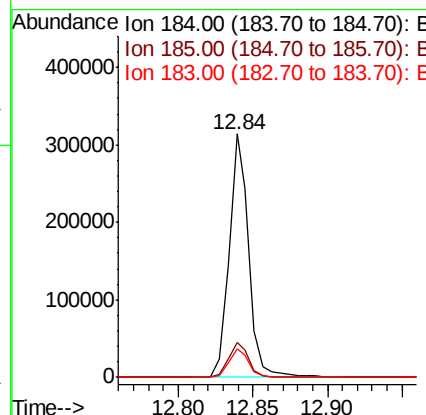
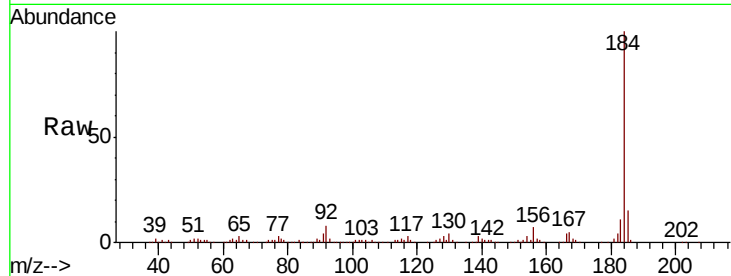
ClientSampleId :

JC-TS-001MS

Tot Ion:	184	Resp:	292010
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.4	20.2
183	11.5	9.4	14.2

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#78

Pyrene

Concen: 43.750 ng

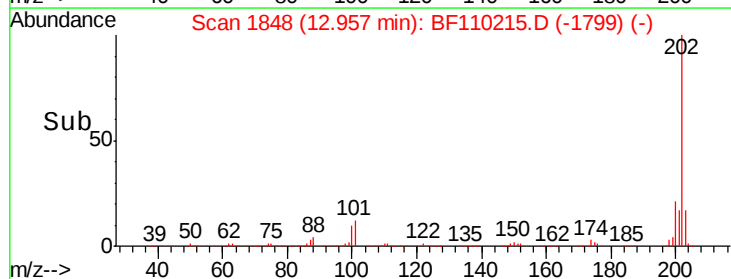
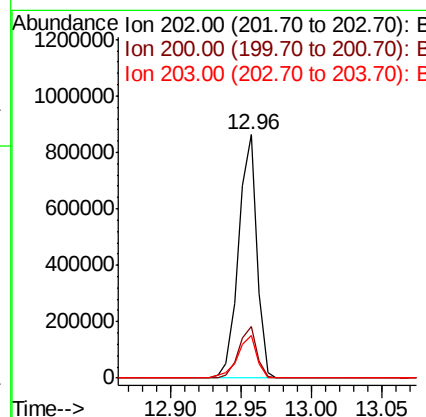
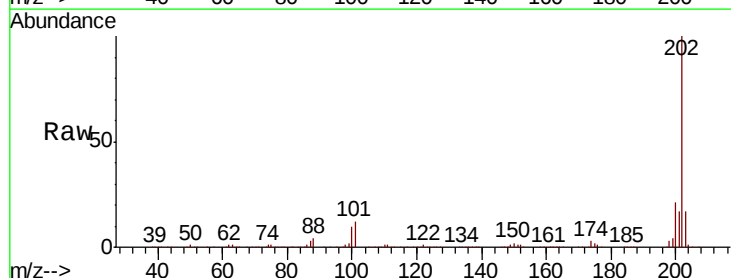
RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion:	202	Resp:	778002
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.8	26.6
203	17.4	14.2	21.4





#79

Terphenyl-d14

Concen: 75.358 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

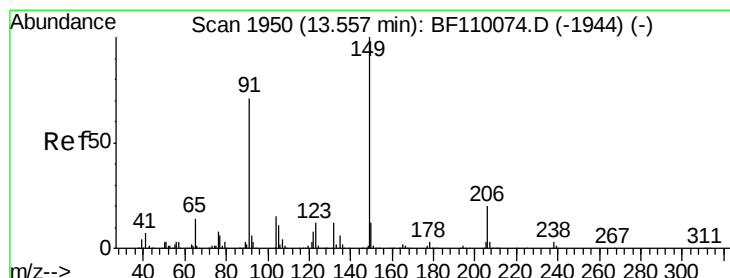
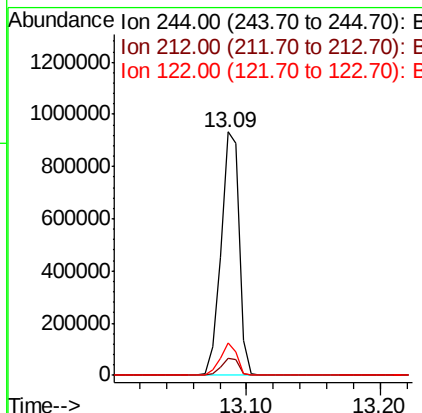
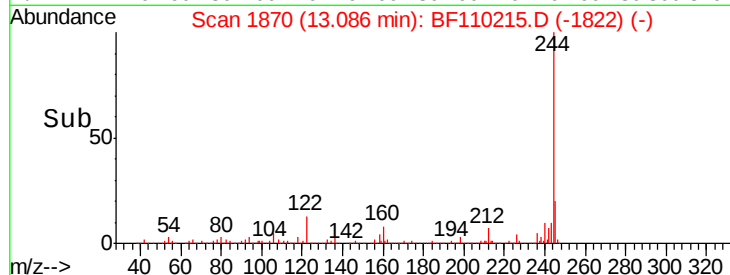
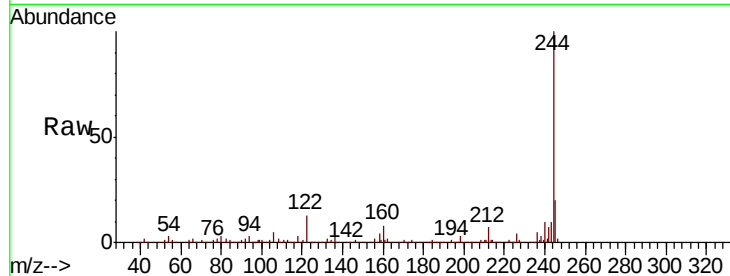
ClientSampleId :

JC-TS-001MS

Tot Ion:	244	Resp:	898811
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.1	8.7	13.1#

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#80

Butylbenzylphthalate

Concen: 44.631 ng

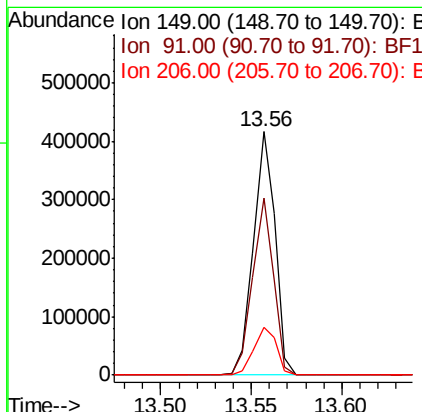
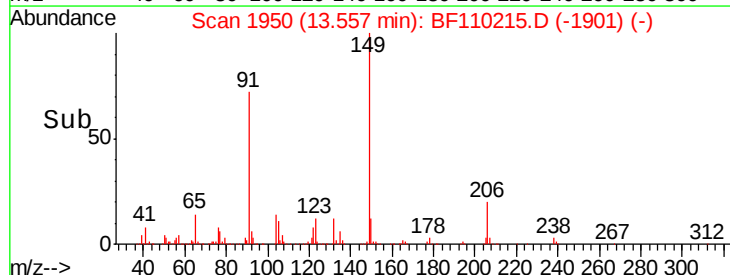
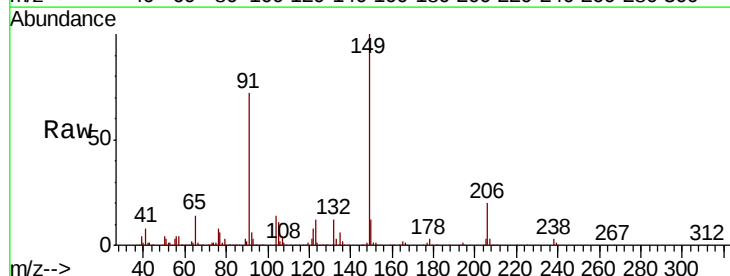
RT: 13.56 min Scan# 1950

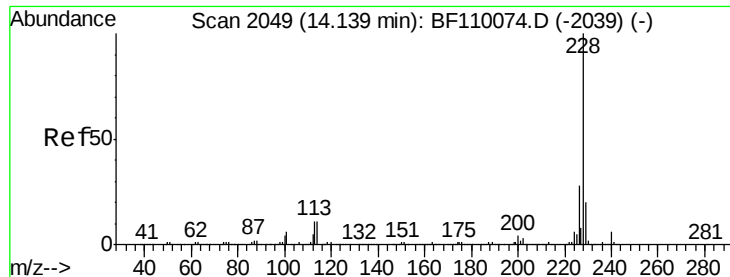
Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion:	149	Resp:	344487
Ion Ratio		Lower	Upper
149	100		
91	72.5	57.2	85.8
206	19.5	15.7	23.5





#81

Benzo(a)anthracene

Concen: 45.545 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

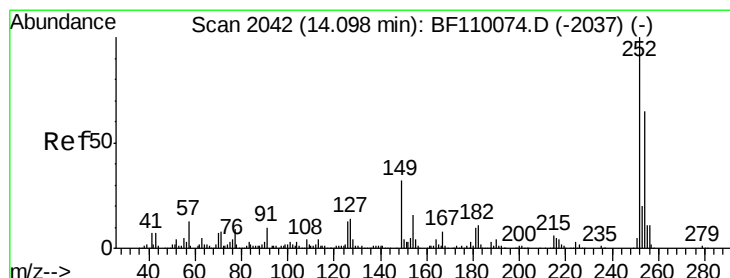
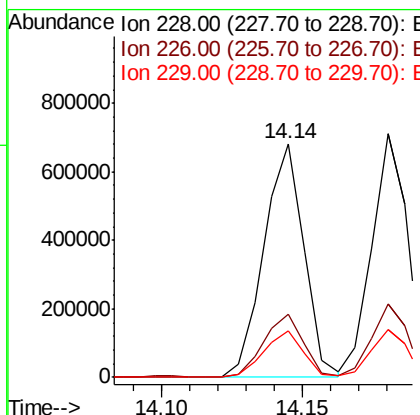
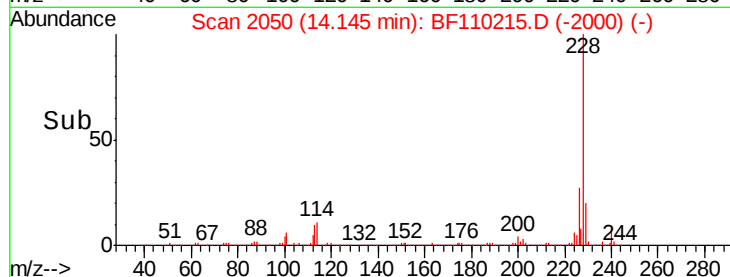
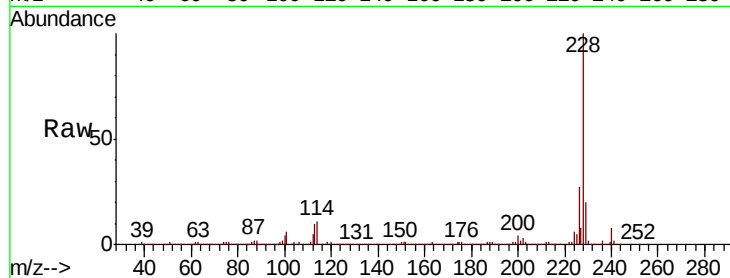
ClientSampleId :

JC-TS-001MS

Tot Ion:	228	Resp:	669967
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.1	33.1
229	19.8	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 38.131 ng

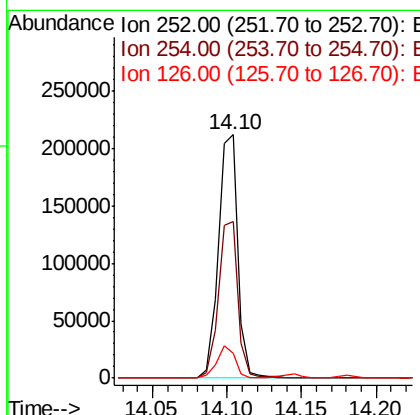
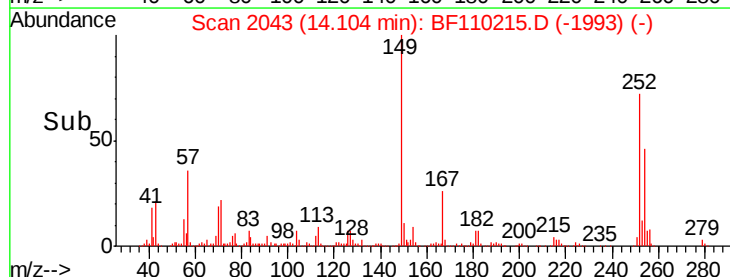
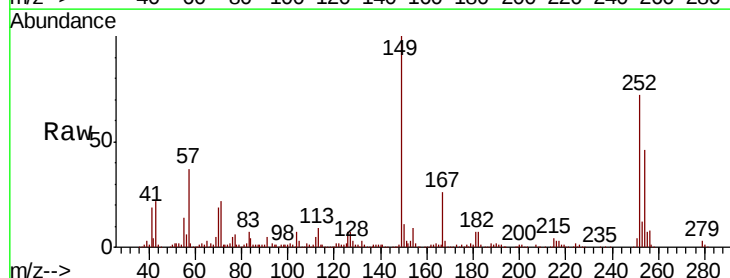
RT: 14.10 min Scan# 2043

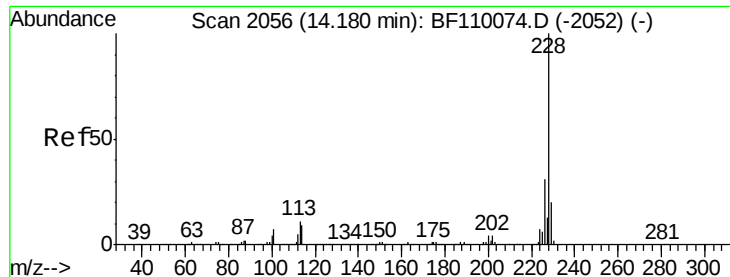
Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion:	252	Resp:	195316
Ion Ratio	Lower	Upper	
252	100		
254	64.2	51.3	76.9
126	10.3	9.4	14.2





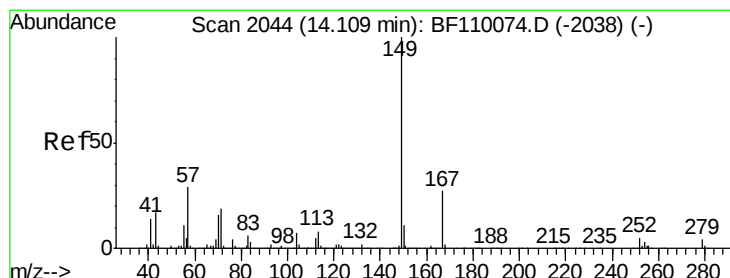
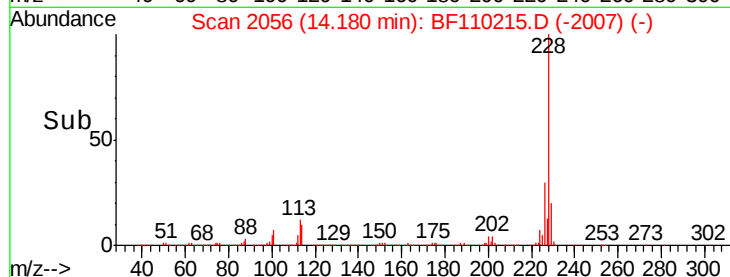
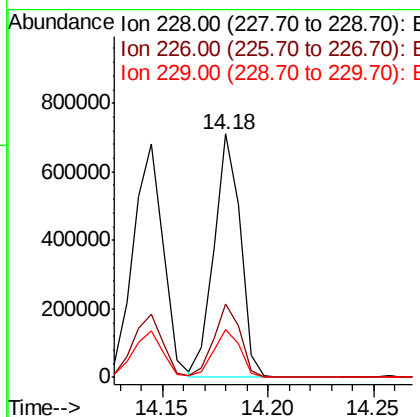
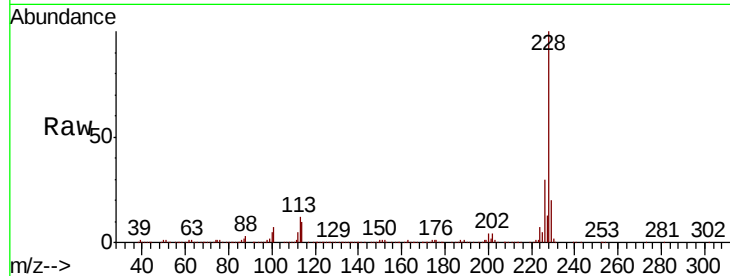
#83
Chrysene
Concen: 44.232 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	19.6	15.9	23.9

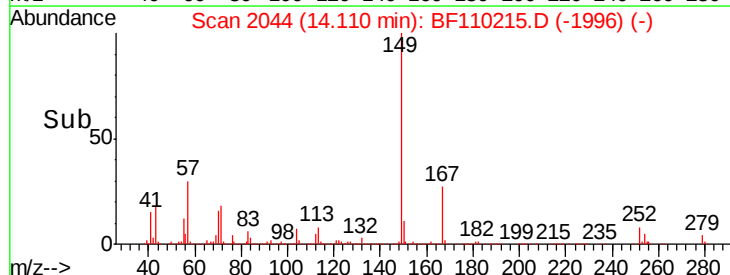
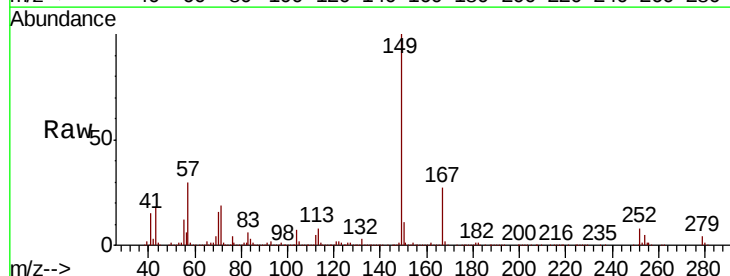
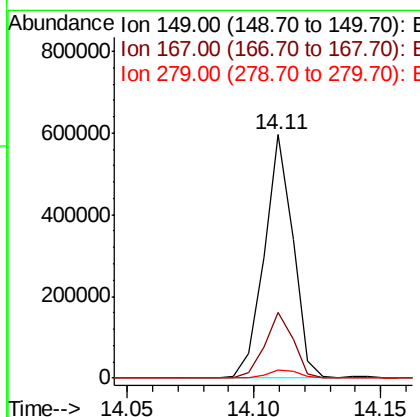
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.249 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	19.8	29.8
279	3.5	2.7	4.1





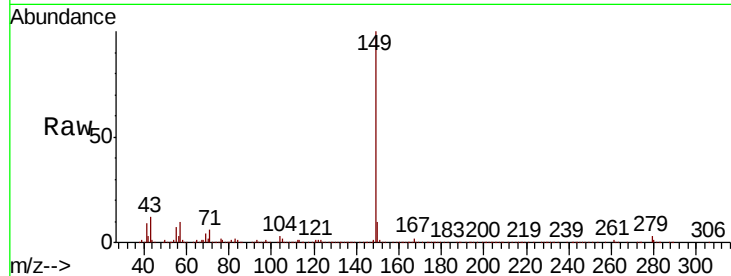
#85
Di-n-octyl phthalate
Concen: 48.945 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7#
43	10.3	7.8	11.8

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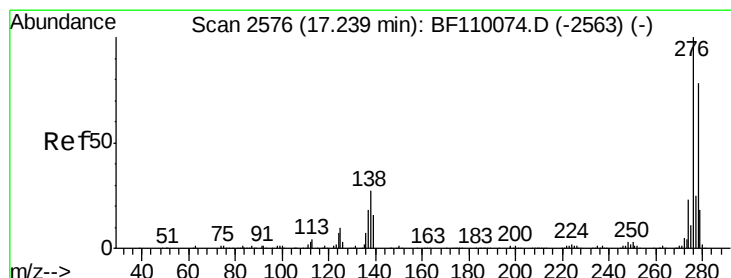
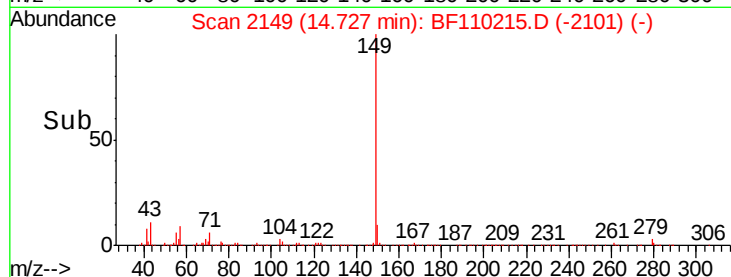
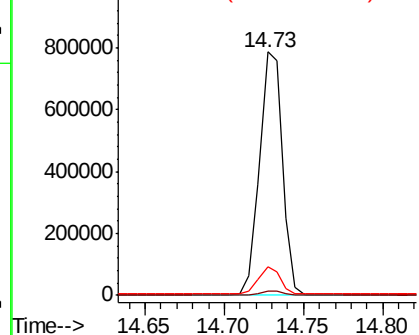


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.747 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

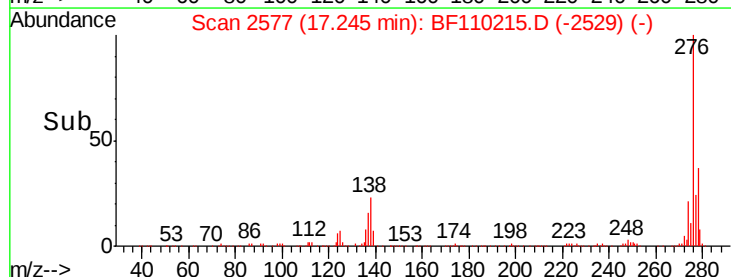
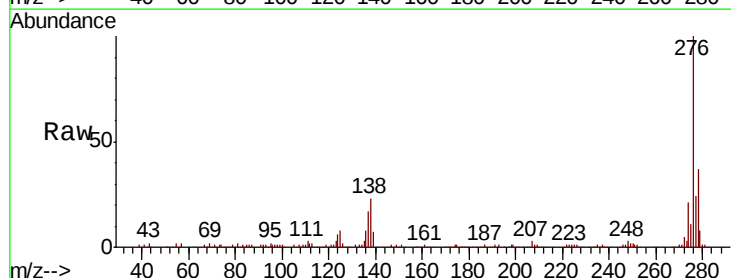
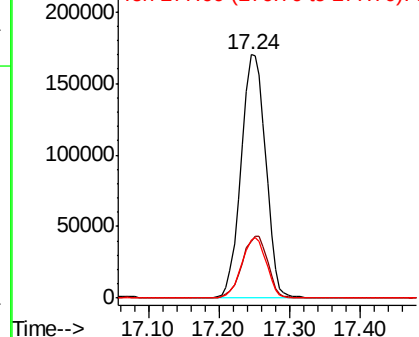
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	18.5	27.7
277	24.5	20.0	30.0

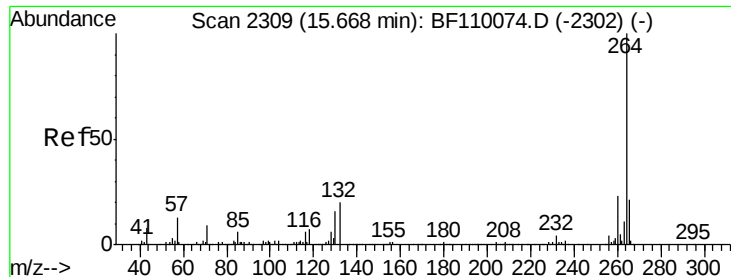
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





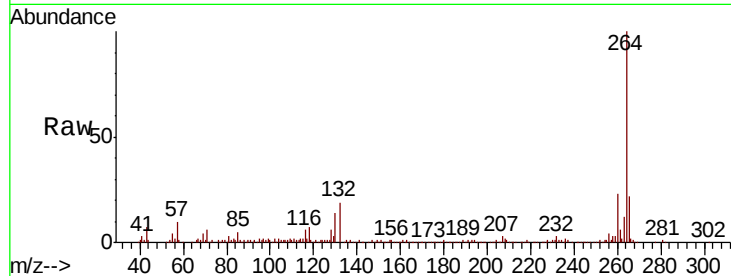
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Instrument :
 BNA_F
 ClientSampleId :
 JC-TS-001MS

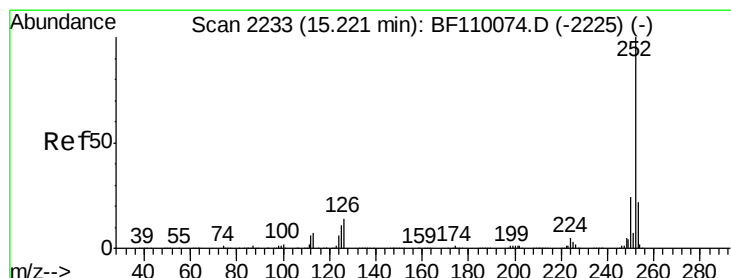
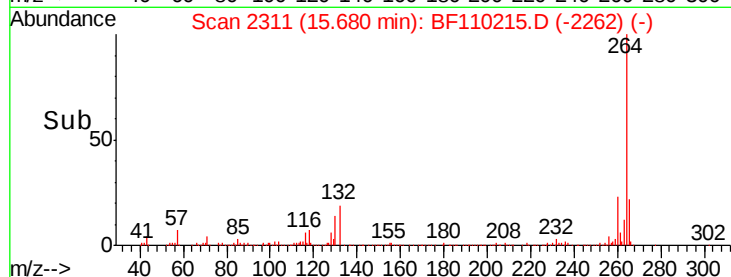
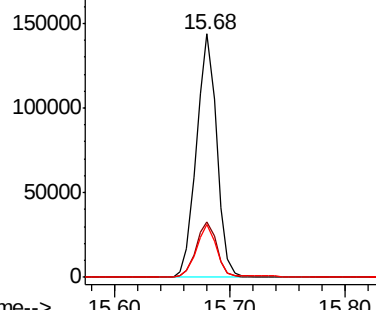
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.7	16.7	25.1

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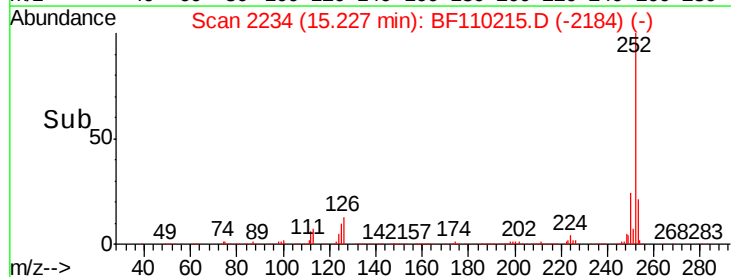
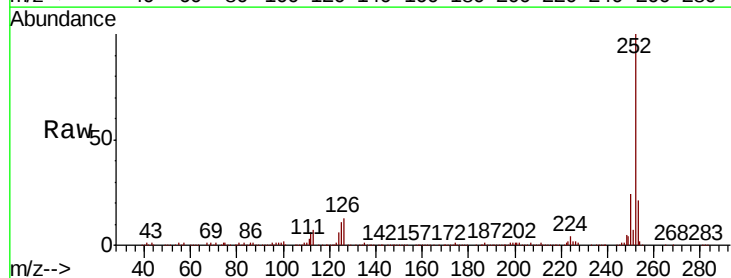
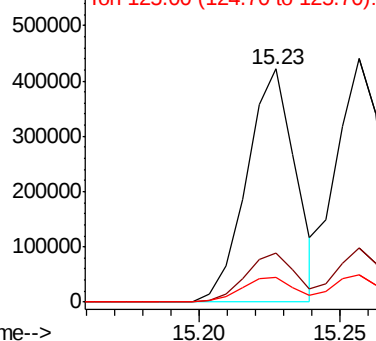
Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

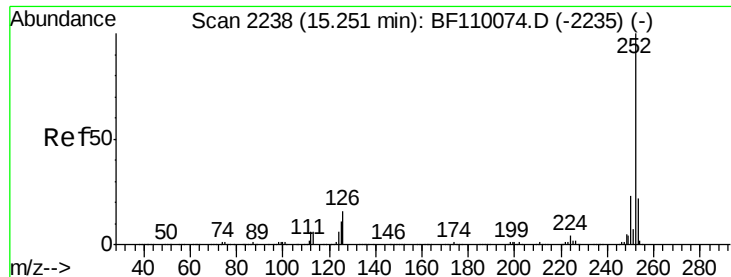


#88
 Benzo(b)fluoranthene
 Concen: 49.878 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	10.8	8.2	12.4

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





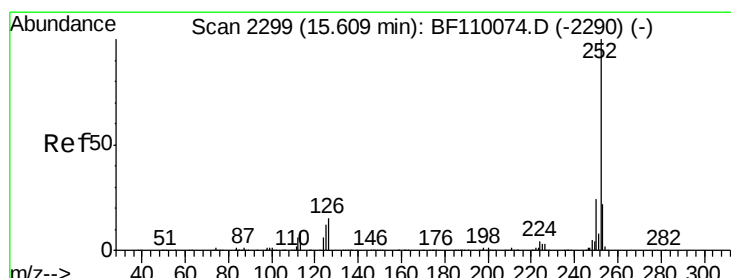
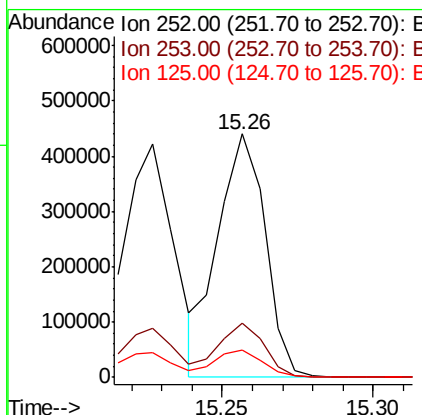
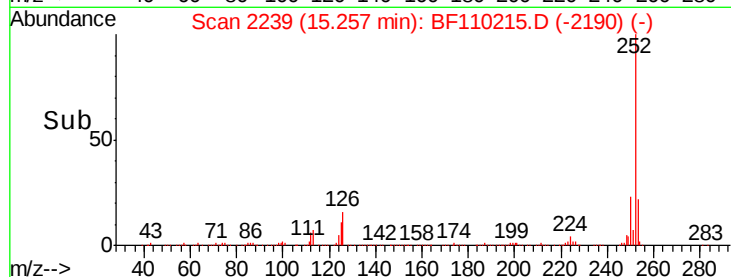
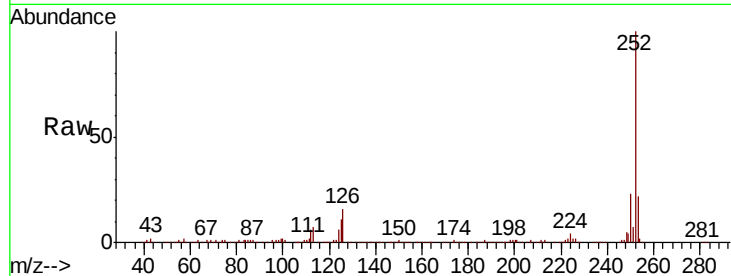
#89
Benzo(k)fluoranthene
Concen: 48.020 ng/mL
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleID :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.2	7.4	11.0

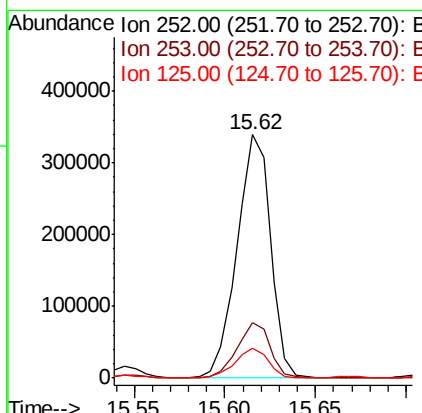
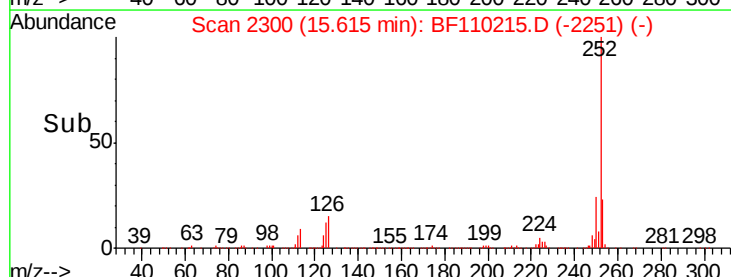
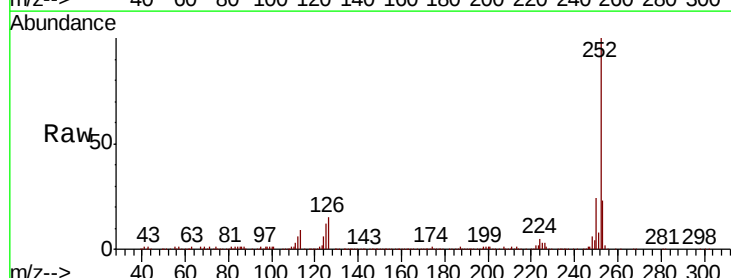
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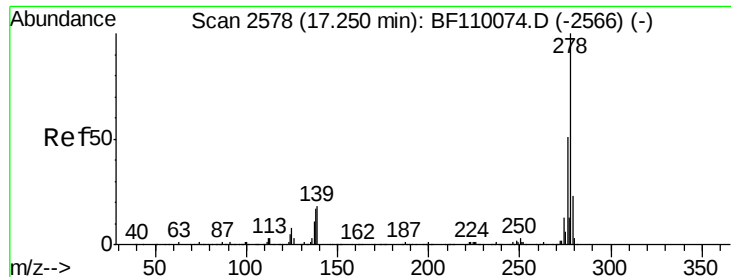
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#90
Benzo(a)pyrene
Concen: 46.864 ng/mL
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.3	9.0	13.6





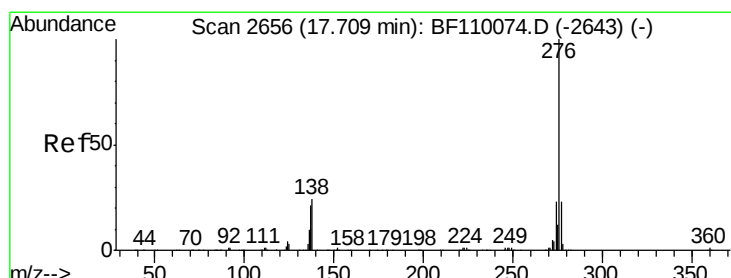
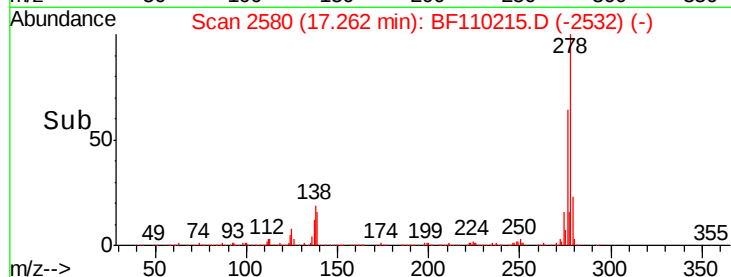
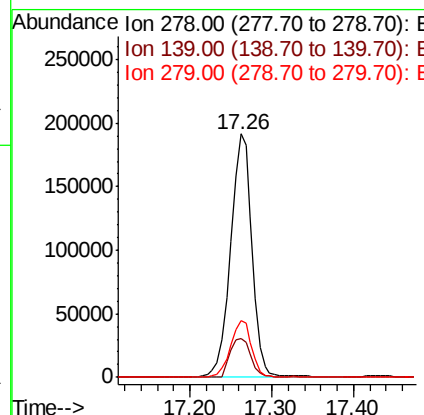
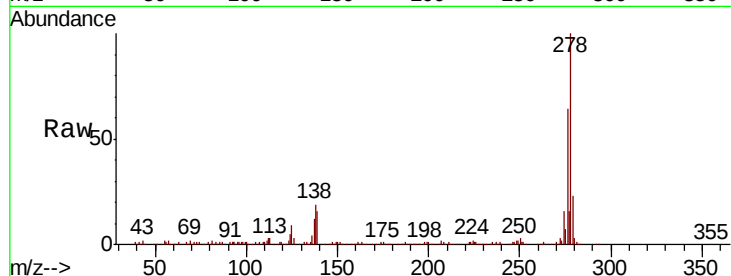
#91
Dibenzo(a,h)anthracene
Concen: 43.448 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :
JC-TS-001MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.7	19.1
279	23.2	19.0	28.4

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APPROVED

Sohil
10/29/2018 11:56:41 AM



#92
Benzo(g,h,i)perylene
Concen: 42.890 ng
RT: 17.73 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	23.3	16.0	24.0

