

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099192.D
 Acq On : 7 Oct 2017 14:14
 Operator : SJ/JU
 Sample : I5604-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:33:55 PM

Quant Time: Oct 08 04:18:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138166	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	558304	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	241171	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	364856	20.00	ng	0.00
75) Chrysene-d12	14.03	240	218897	20.00	ng	0.00
86) Perylene-d12	15.50	264	214224	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1018387	117.34	ng	0.03
7) Phenol-d6	6.51	99	1169613	109.24	ng	0.01
23) Nitrobenzene-d5	7.43	82	802679	92.20	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	246048	124.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1389110	96.16	ng	0.00
78) Terphenyl-d14	12.97	244	913191	94.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	134323	32.398	ng	# 80
3) Pyridine	3.59	79	219972	19.613	ng	94
4) n-Nitrosodimethylamine	3.52	42	155221	32.637	ng	84
6) Aniline	6.54	93	105616	7.309	ng	95
8) 2-Chlorophenol	6.66	128	359802	36.606	ng	97
9) Benzaldehyde	6.42	77	21713	3.496	ng	96
10) Phenol	6.52	94	390076	32.576	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	356016	38.244	ng	99
12) 1,3-Dichlorobenzene	6.81	146	389706	37.859	ng	97
13) 1,4-Dichlorobenzene	6.89	146	389823	37.221	ng	97
14) 1,2-Dichlorobenzene	7.04	146	365104	37.728	ng	97
15) Benzyl Alcohol	7.01	79	280789	35.748	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	514224	35.455	ng	95
17) 2-Methylphenol	7.12	107	303494	37.737	ng	98
18) Hexachloroethane	7.37	117	136237	36.190	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	236760	34.635	ng	95
20) 3+4-Methylphenols	7.27	107	359320	35.317	ng	# 72
22) Acetophenone	7.28	105	488483	36.112	ng	# 98
24) Nitrobenzene	7.45	77	374374	37.909	ng	98
25) Isophorone	7.69	82	693603	38.535	ng	99
26) 2-Nitrophenol	7.77	139	209755	44.169	ng	# 86
27) 2,4-Dimethylphenol	7.80	122	329334	36.721	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	448471	39.982	ng	98
29) 2,4-Dichlorophenol	8.01	162	308665	40.086	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	310690	40.342	ng	98
31) Naphthalene	8.17	128	1040143	39.668	ng	99
32) Benzoic acid	7.93	122	231319	31.400	ng	94
33) 4-Chloroaniline	8.22	127	54183	4.948	ng	96
34) Hexachlorobutadiene	8.28	225	153208	38.623	ng	99
35) Caprolactam	8.60	113	89571m	36.264	ng	
36) 4-Chloro-3-methylphenol	8.70	107	316454	36.564	ng	95
37) 2-Methylnaphthalene	8.86	142	716070	42.008	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	281563	39.147	ng	99
40) Hexachlorocyclopentadiene	9.01	237	133853	40.723	ng	98

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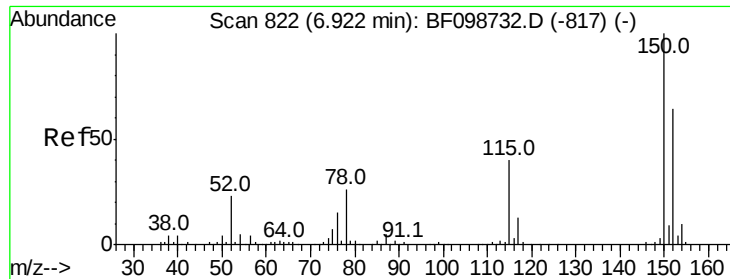
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	198380	38.934	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	206562	40.611	nq	96
45) 1,1'-Biphenyl	9.33	154	819682	39.546	nq	98
46) 2-Chloronaphthalene	9.35	162	640781	41.175	nq	97
47) 2-Nitroaniline	9.45	65	183024	38.408	nq	92
48) Acenaphthylene	9.77	152	952729	39.991	nq	100
49) Dimethylphthalate	9.63	163	769805	42.292	nq	99
50) 2,6-Dinitrotoluene	9.69	165	167452	42.256	nq #	86
51) Acenaphthene	9.94	154	560043	37.111	nq	98
52) 3-Nitroaniline	9.86	138	52800	11.427	nq	92
53) 2,4-Dinitrophenol	9.97	184	107350	54.070	nq	95
54) Dibenzofuran	10.11	168	839379	41.775	nq	99
55) 4-Nitrophenol	10.03	139	224875	57.557	nq	87
56) 2,4-Dinitrotoluene	10.10	165	209056	40.649	nq	87
57) Fluorene	10.45	166	634899	39.313	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	147441	41.962	nq	97
59) Diethylphthalate	10.32	149	723380	40.671	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	291934	40.241	nq	99
61) 4-Nitroaniline	10.47	138	148199	33.245	nq	90
62) Azobenzene	10.60	77	642263	39.273	nq	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	73456	33.090	nq	86
65) n-Nitrosodiphenylamine	10.56	169	570416	45.129	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	167738	46.968	nq	91
67) Hexachlorobenzene	11.00	284	160054	41.961	nq	99
68) Atrazine	11.09	200	128190	33.709	nq	98
69) Pentachlorophenol	11.20	266	158101	66.600	nq	99
70) Phenanthrene	11.42	178	830323	42.516	nq	99
71) Anthracene	11.47	178	851004	42.587	nq	99
72) Carbazole	11.62	167	748602	38.256	nq	99
73) Di-n-butylphthalate	11.95	149	1027536	43.625	nq	99
74) Fluoranthene	12.60	202	720500	36.433	nq	98
76) Benzidine	12.72	184	22086	2.728	nq	95
77) Pyrene	12.83	202	727446	43.581	nq	99
79) Butylbenzylphthalate	13.44	149	356569	45.453	nq	97
80) Benzo(a)anthracene	14.02	228	559390	42.203	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	103911	21.385	nq	99
82) Chrysene	14.06	228	538853	42.701	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	485197	44.918	nq #	100
84) Di-n-octyl phthalate	14.60	149	769574	44.246	nq	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	490980	48.638	nq	96
87) Benzo(b)fluoranthene	15.07	252	559785	42.500	nq #	95
88) Benzo(k)fluoranthene	15.10	252	505603	38.864	nq	98
89) Benzo(a)pyrene	15.44	252	512402	42.381	nq #	96
90) Dibenzo(a,h)anthracene	17.00	278	413959	42.783	nq	99
91) Benzo(g,h,i)perylene	17.43	276	400604	41.885	nq	94

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



#1

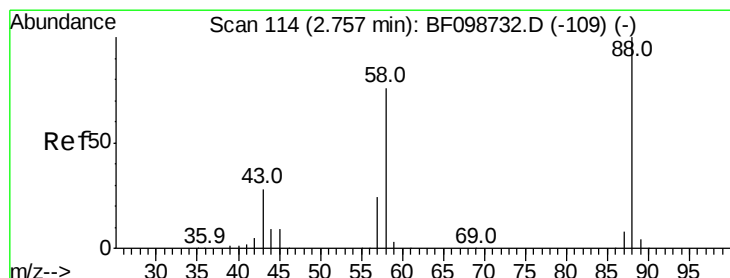
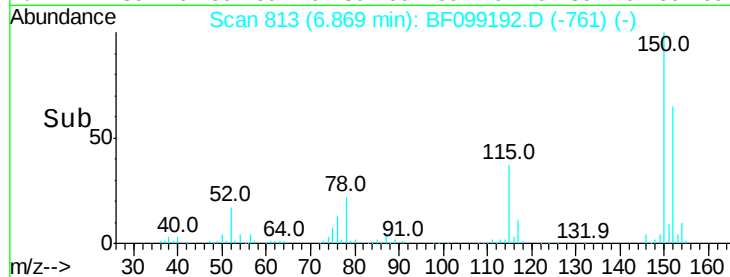
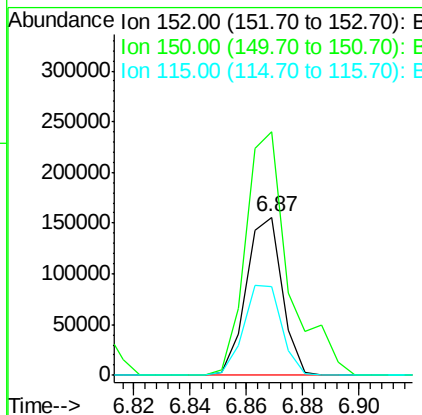
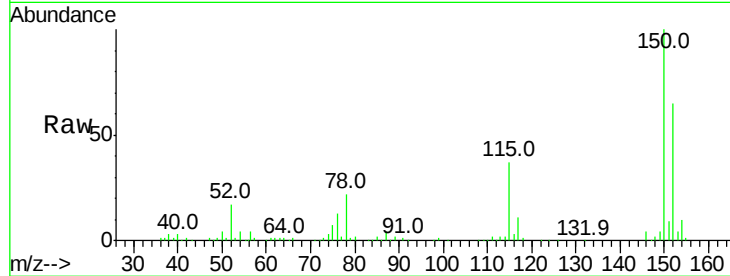
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	56.3	50.1	75.1

Manual Integrations
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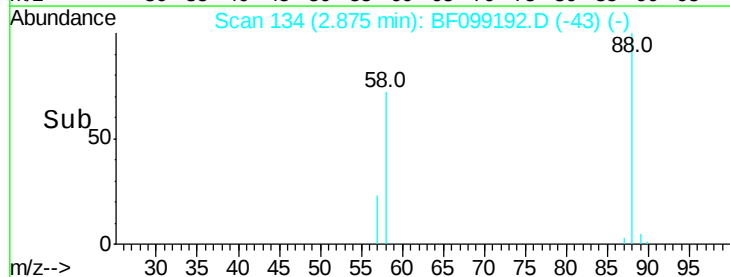
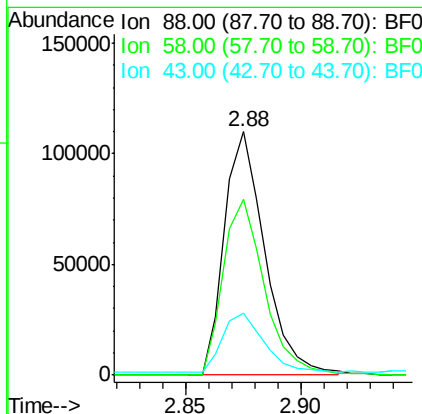
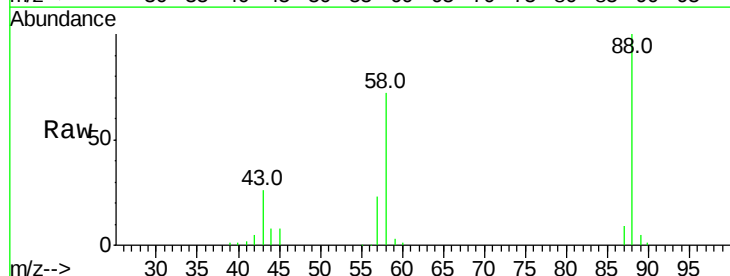
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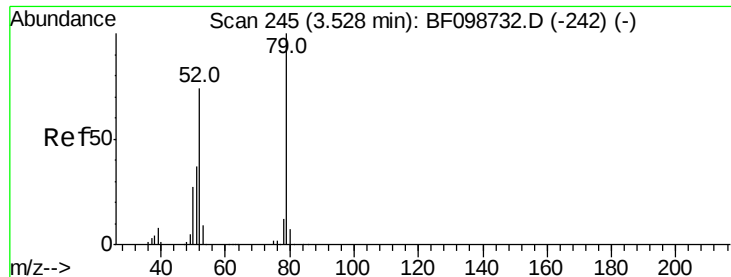


#2

1,4-Dioxane
 Concen: 32.398 ng
 RT: 2.88 min Scan# 134
 Delta R.T. 0.24 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	62.6	93.8
43	0.0	24.6	37.0#





#3

Pvridine

Concen: 19.613 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.17 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

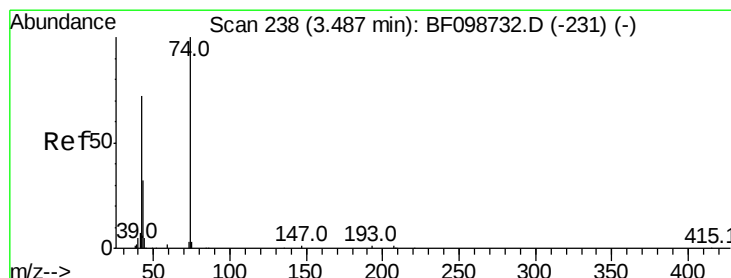
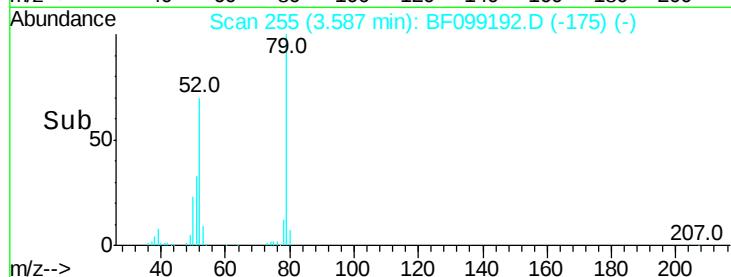
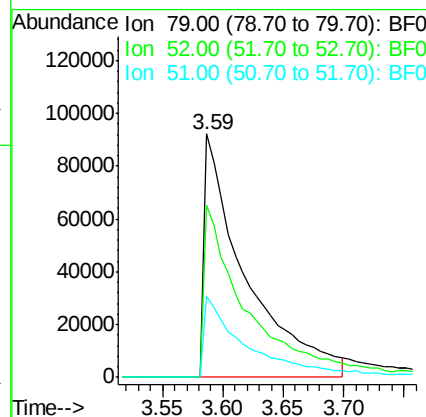
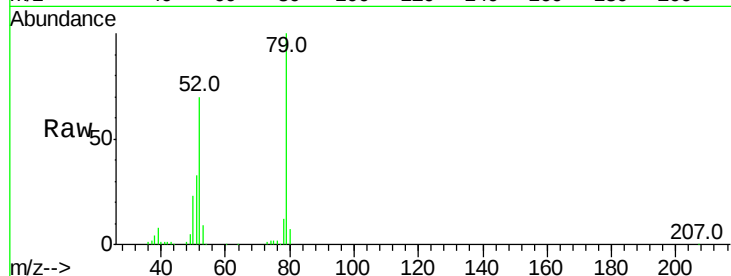
ClientSampleId :

SP-A-100217MSD

Tot Ion:	79	Resp:	219972
Ion Ratio	Lower	Upper	
79	100		
52	70.5	59.8	89.6
51	33.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 32.637 ng

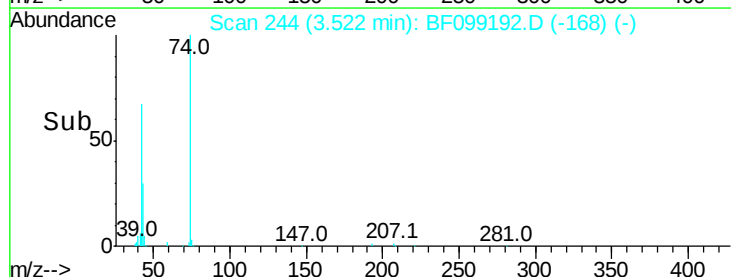
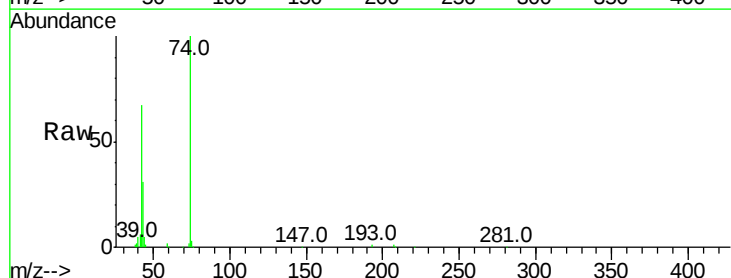
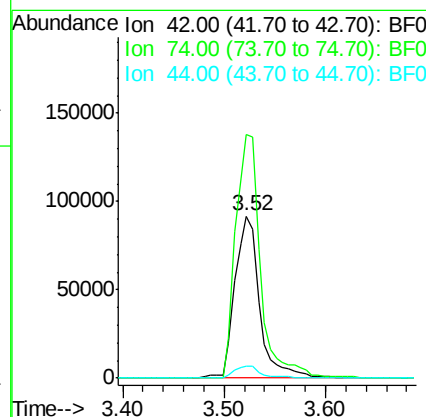
RT: 3.52 min Scan# 244

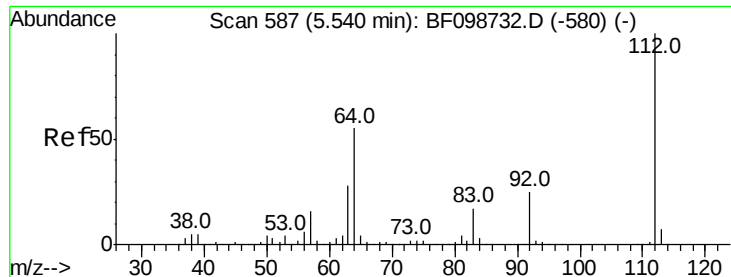
Delta R.T. 0.15 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion:	42	Resp:	155221
Ion Ratio	Lower	Upper	
42	100		
74	150.2	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 117.335 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.03 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

SP-A-100217MSD

Tot Ion:112 Resp: 1018387

Ion Ratio Lower Upper

112 100

64 55.8 47.9 71.9

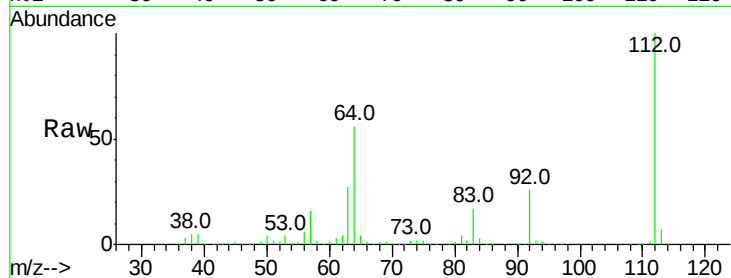
63 27.4 23.7 35.5

Manual Integrations

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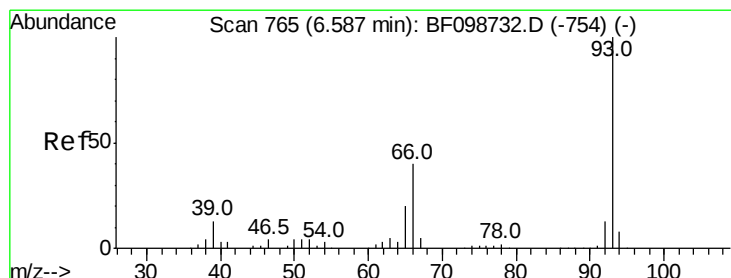
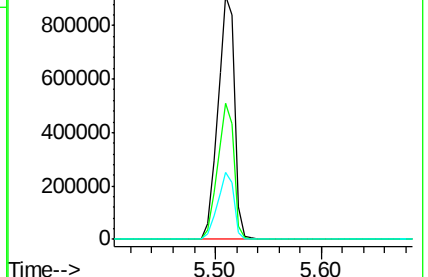
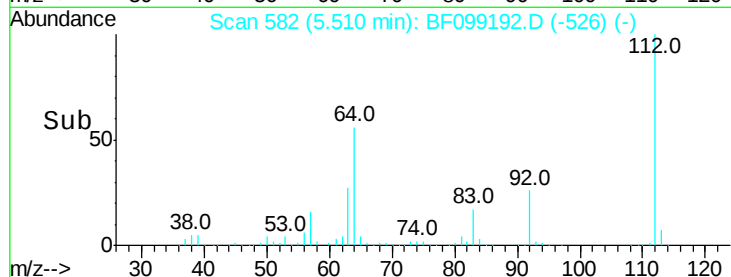
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Abundance Ion 112.00 (111.70 to 112.70): BF099192.D (-526) (-)

Ion 64.00 (63.70 to 64.70): BF099192.D (-526) (-)

Ion 63.00 (62.70 to 63.70): BF099192.D (-526) (-)



#6

Aniline

Concen: 7.309 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

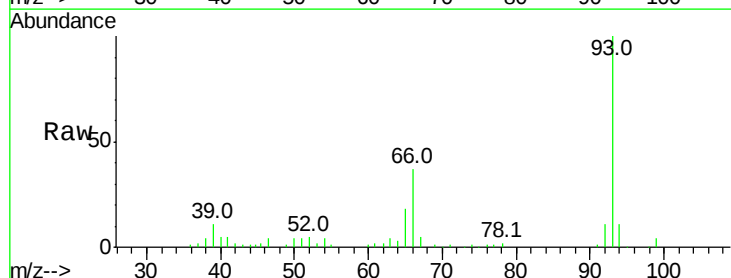
Tgt Ion: 93 Resp: 105616

Ion Ratio Lower Upper

93 100

66 37.0 32.2 48.2

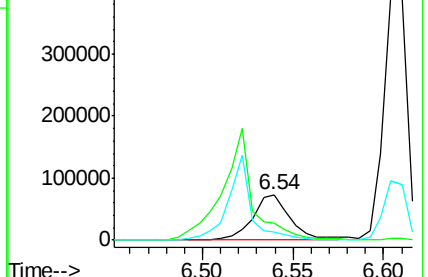
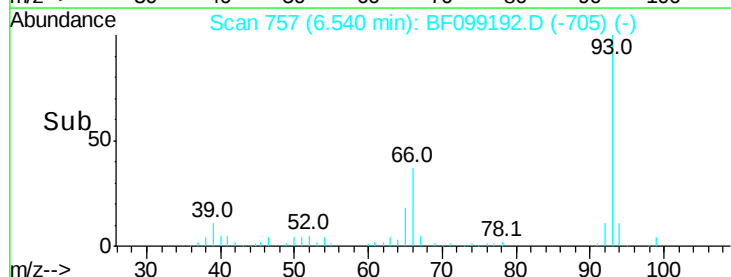
65 18.0 16.4 24.6

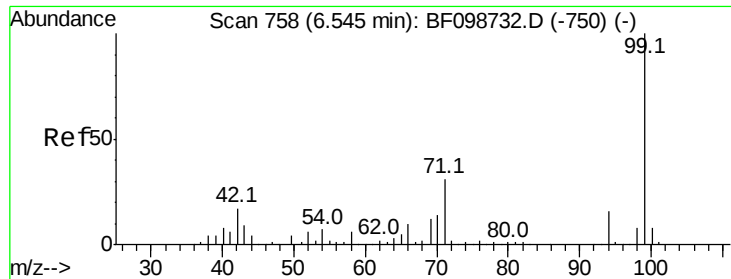


Abundance Ion 93.00 (92.70 to 93.70): BF099192.D (-705) (-)

Ion 66.00 (65.70 to 66.70): BF099192.D (-705) (-)

Ion 65.00 (64.70 to 65.70): BF099192.D (-705) (-)





#7

Phenol-d6

Concen: 109.239 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

SP-A-100217MSD

Tot Ion: 99 Resp: 1169613

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

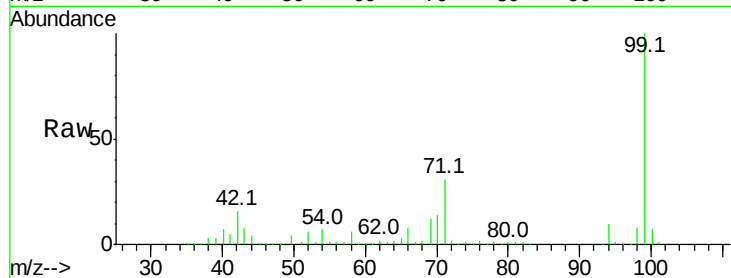
71 30.9 25.4 38.0

Manual Integrations

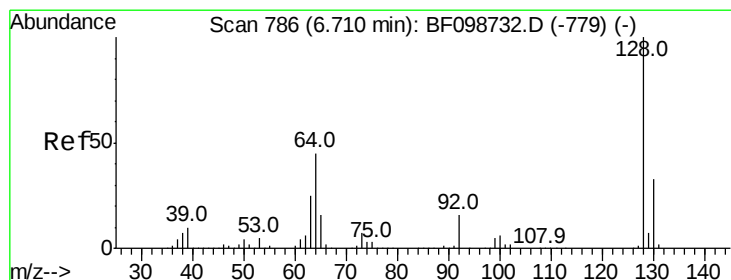
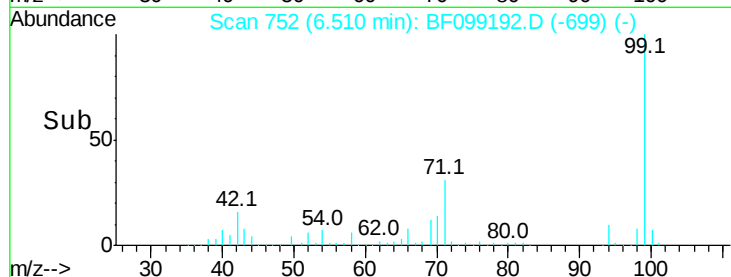
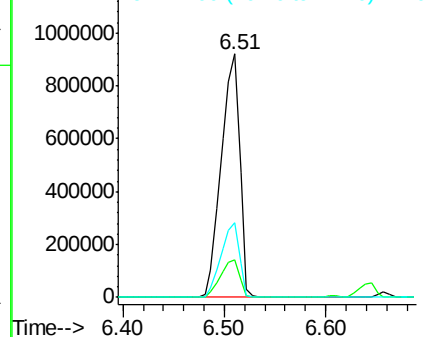
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.606 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

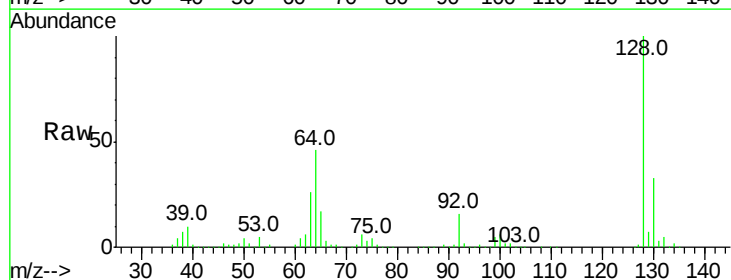
Tgt Ion:128 Resp: 359802

Ion Ratio Lower Upper

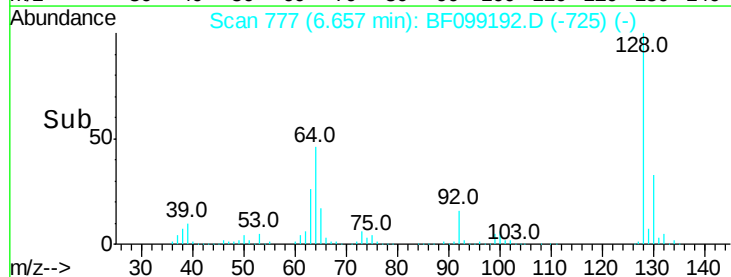
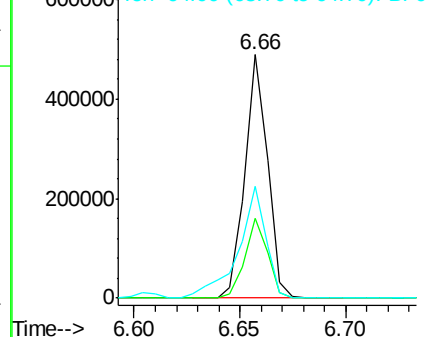
128 100

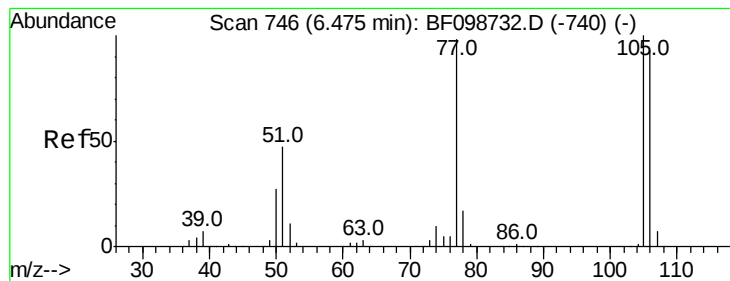
130 32.9 13.0 53.0

64 45.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.496 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

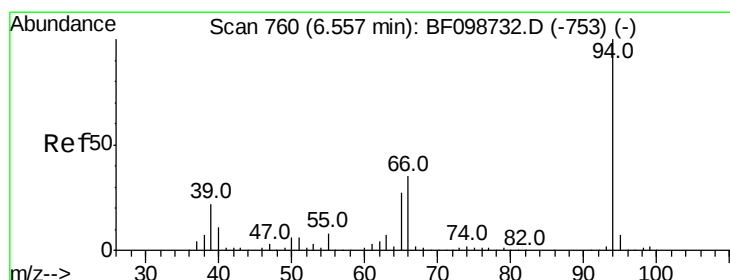
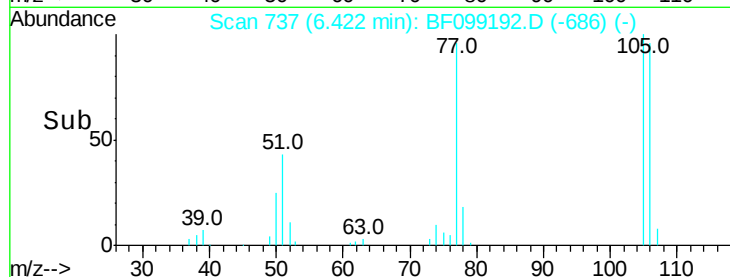
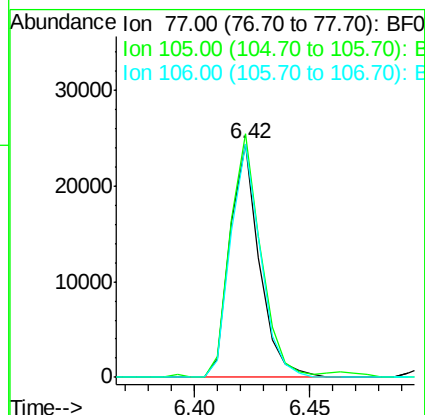
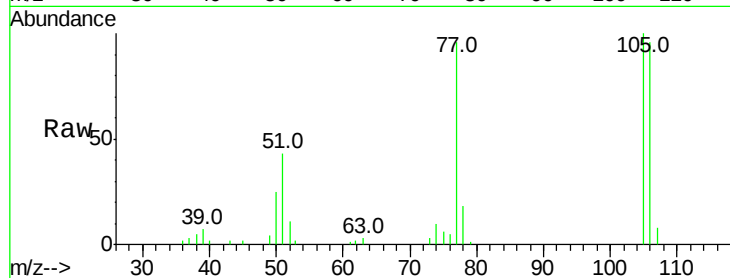
ClientSampleId :

SP-A-100217MSD

Tot Ion:	77	Resp:	21713
Ion Ratio	Lower	Upper	
77	100		
105	104.1	81.1	121.1
106	100.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 32.576 ng

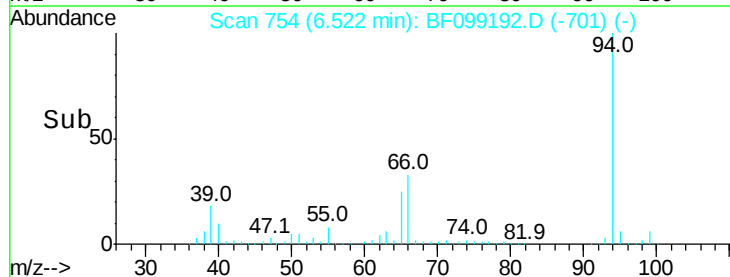
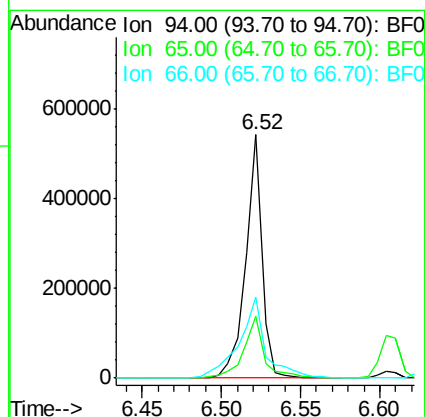
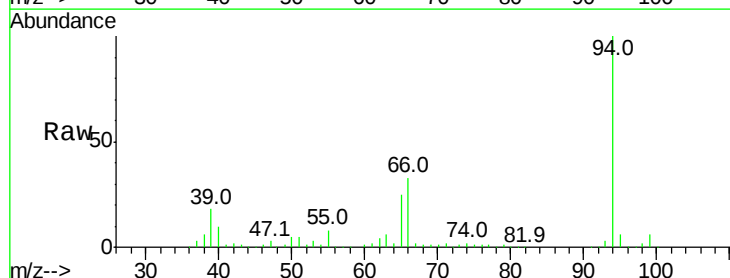
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion:	94	Resp:	390076
Ion Ratio	Lower	Upper	
94	100		
65	25.2	7.9	47.9
66	33.1	16.2	56.2





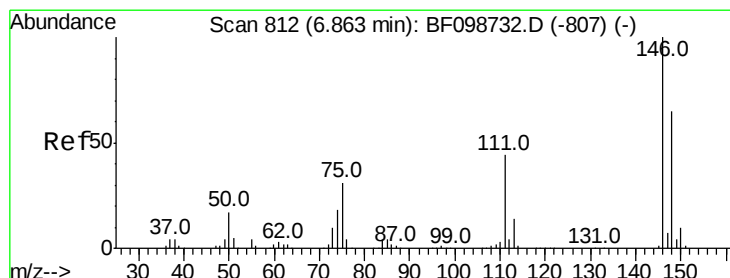
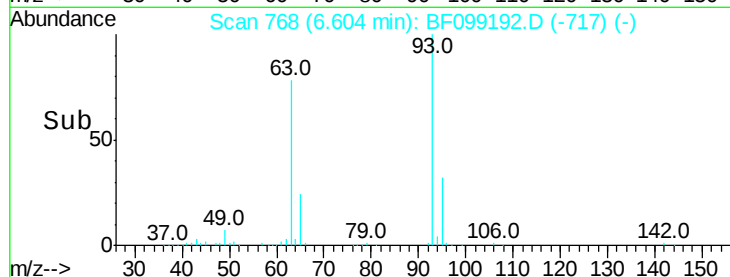
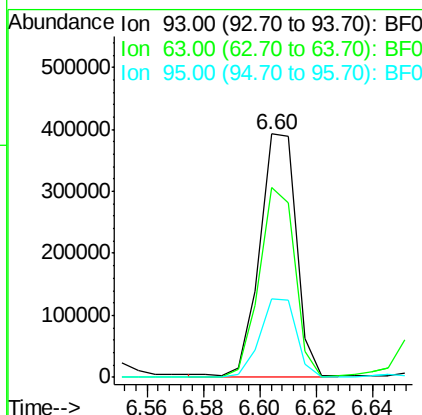
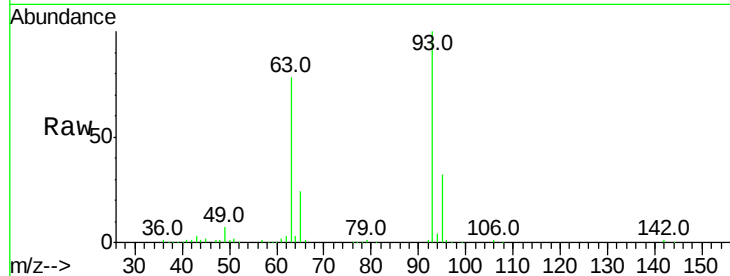
#11
bis(2-Chloroethyl)ether
Concen: 38.244 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	356016		
63	78.0		58.6	98.6
95	32.1		11.8	51.8

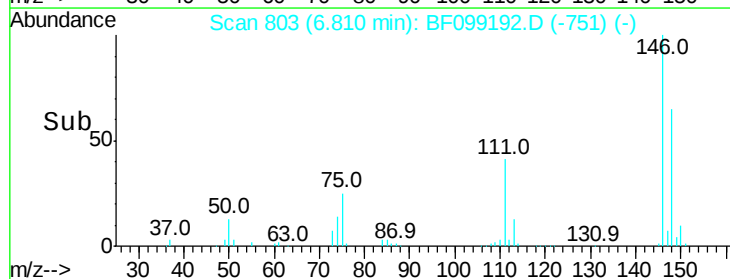
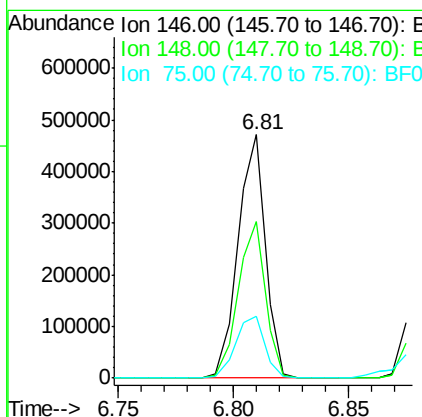
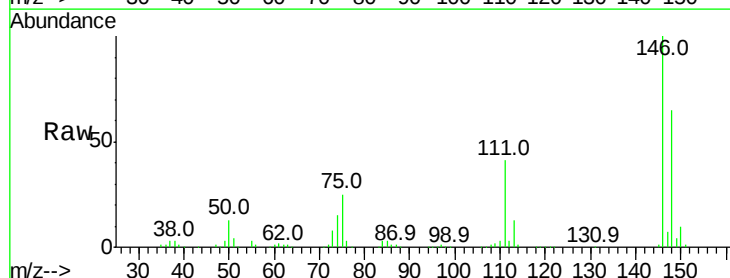
Manual Integrations
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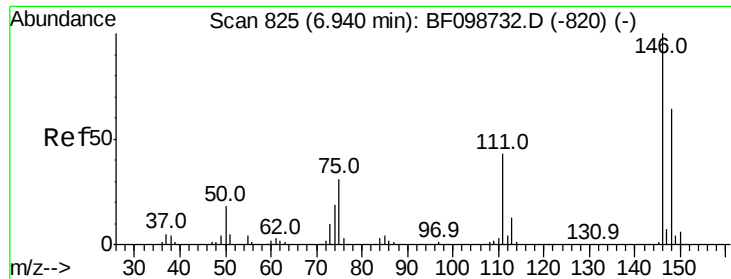
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.859 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	389706		
148	64.5		51.8	77.8
75	25.3		24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.221 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

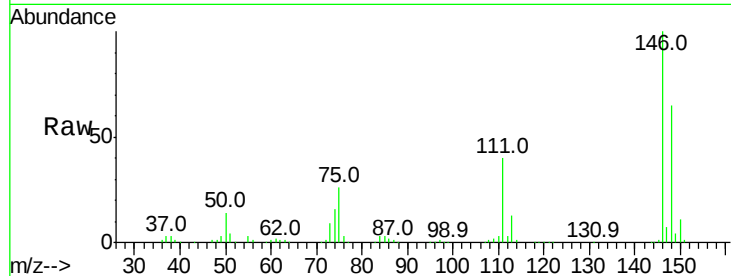
ClientSampleId :

SP-A-100217MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	39.8	34.2	51.2

Manual Integrations
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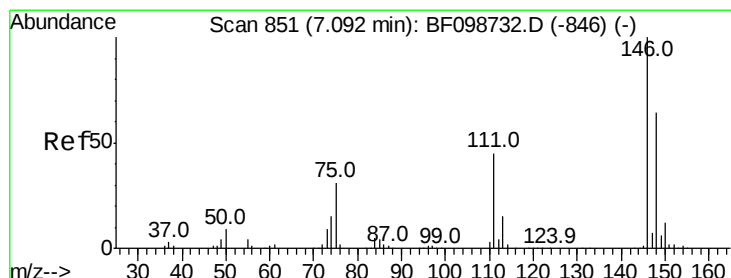
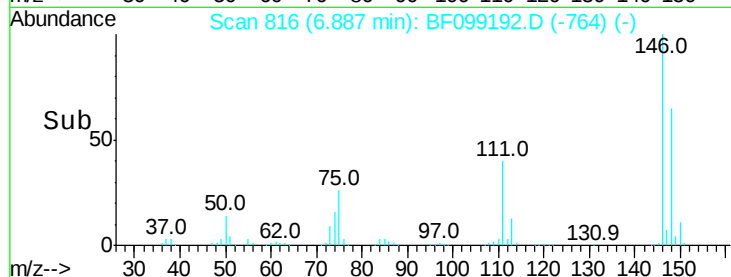
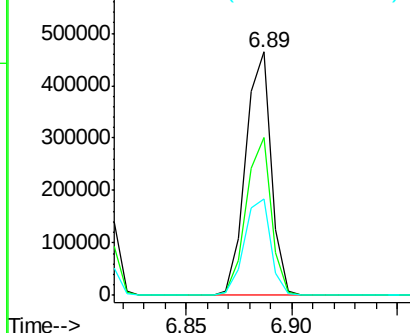


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.728 ng

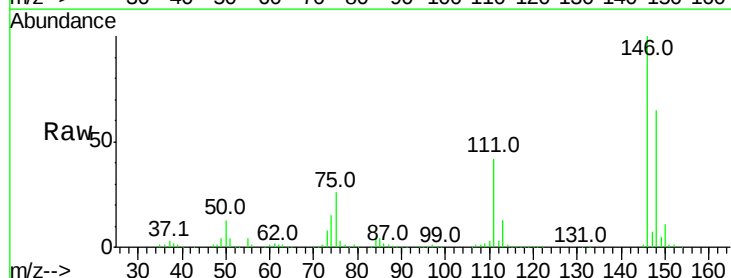
RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
111	41.6	36.0	54.0

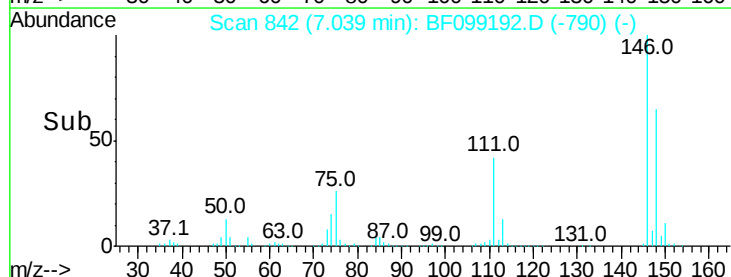
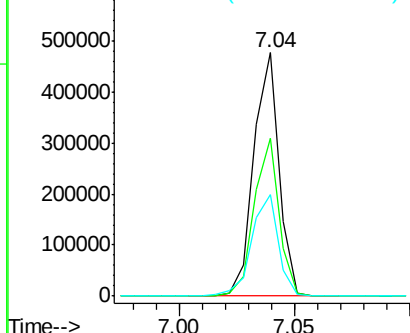


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





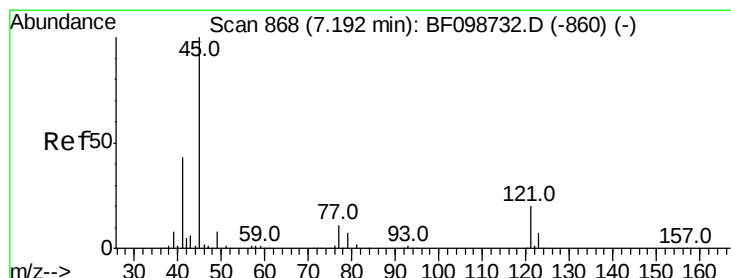
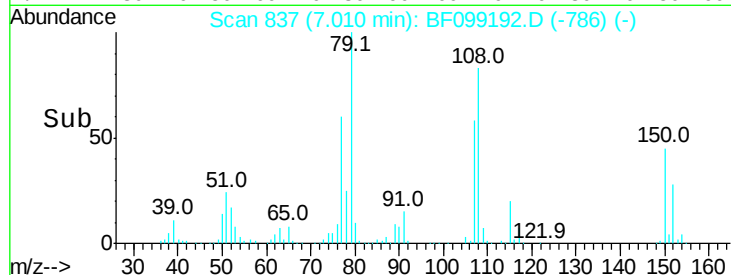
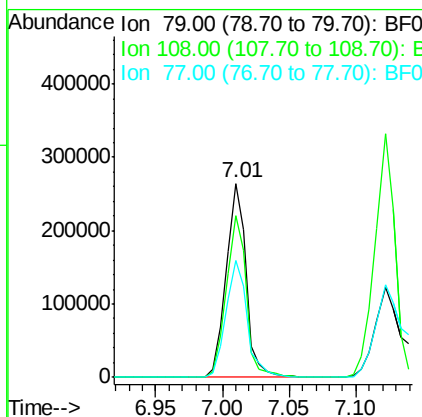
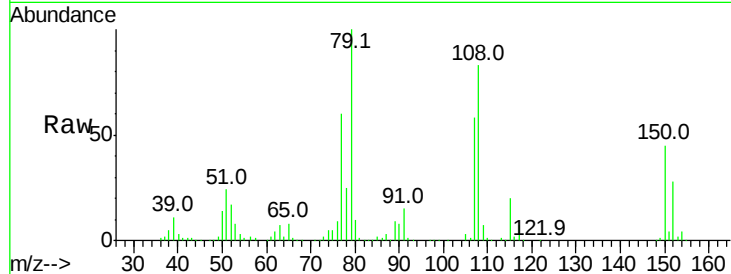
#15
Benzyl Alcohol
Concen: 35.748 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.2	65.1	97.7
77	60.4	50.6	75.8

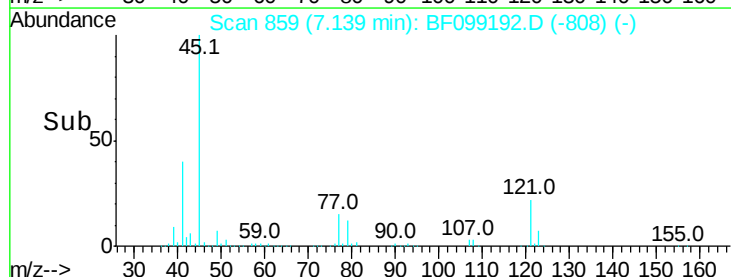
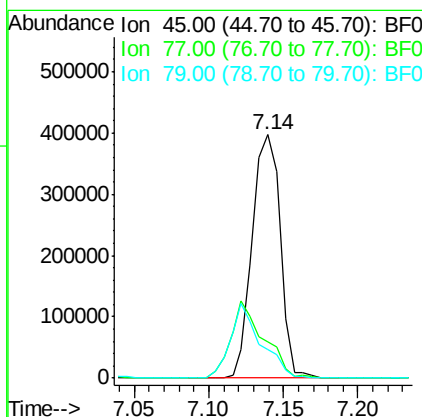
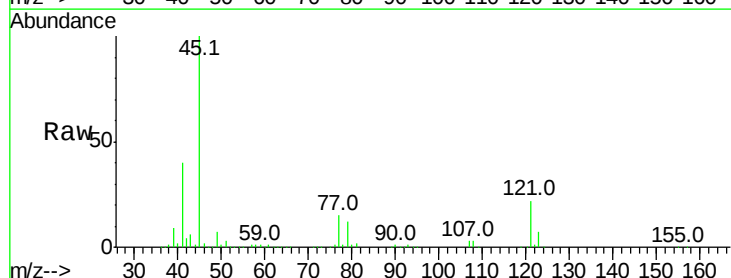
Manual Integrations
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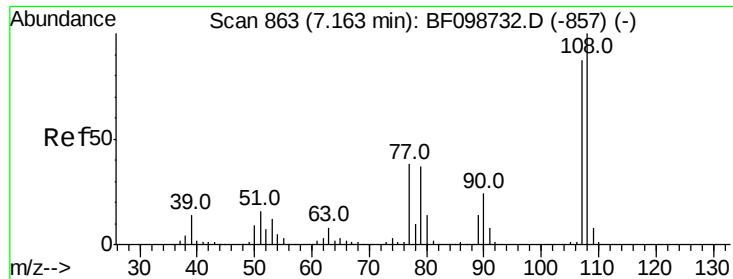
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.455 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	32.9
79	11.7	0.0	29.6





#17

2-Methylphenol

Concen: 37.737 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

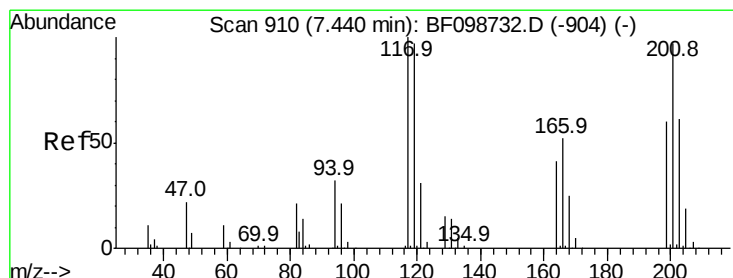
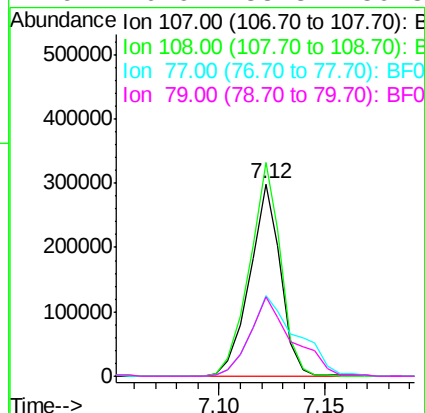
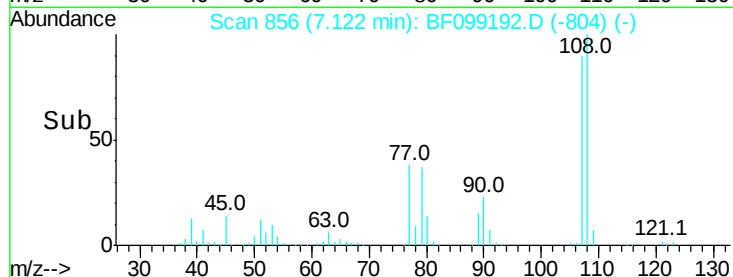
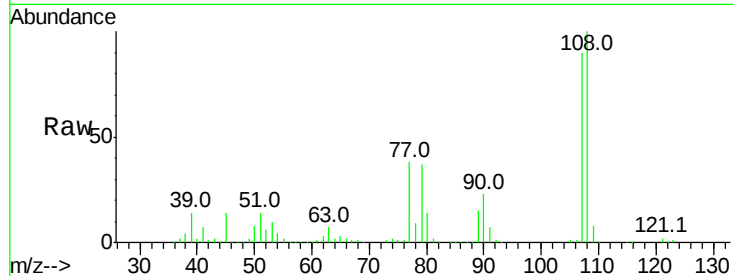
ClientSampleId :

SP-A-100217MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.7	137.5
77	42.1	33.8	50.8
79	40.9	33.8	50.8

Manual Integrations
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#18

Hexachloroethane

Concen: 36.190 ng

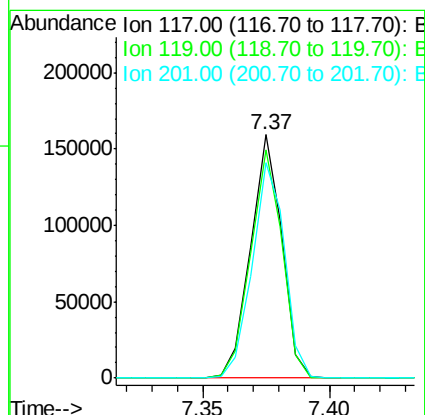
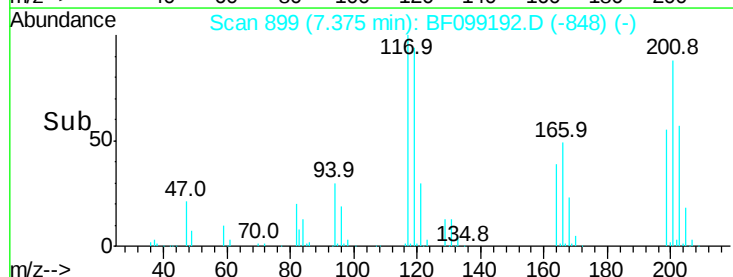
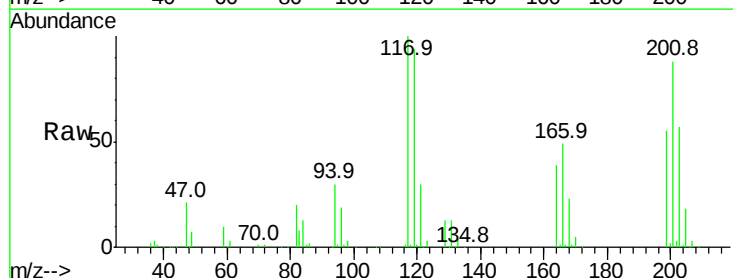
RT: 7.37 min Scan# 899

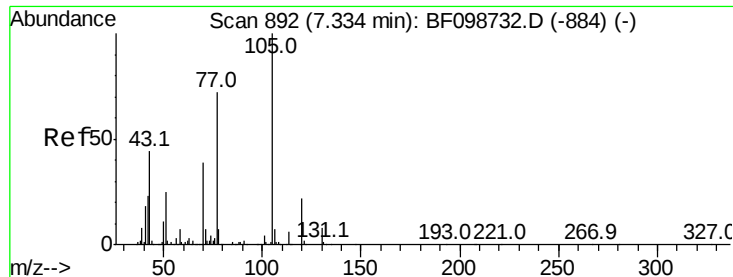
Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.8
201	88.2	75.7	113.5





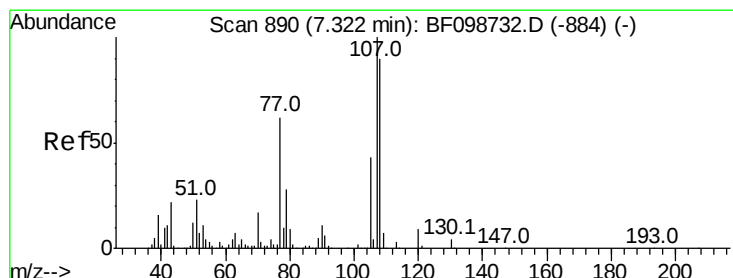
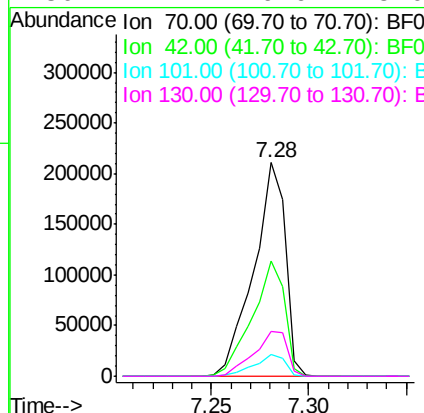
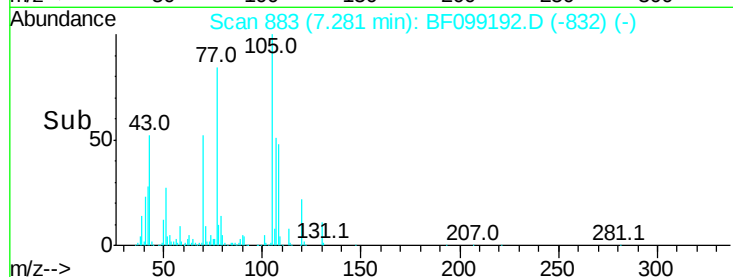
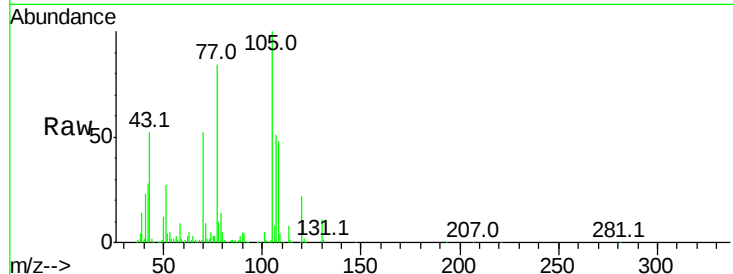
#19
n-Nitroso-di-n-propylamine
Concen: 34.635 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	70	Resp	236760
Ion Ratio	Lower	Upper	
70	100		
42	53.9	47.5	71.3
101	9.9	7.4	11.2
130	21.1	16.6	25.0

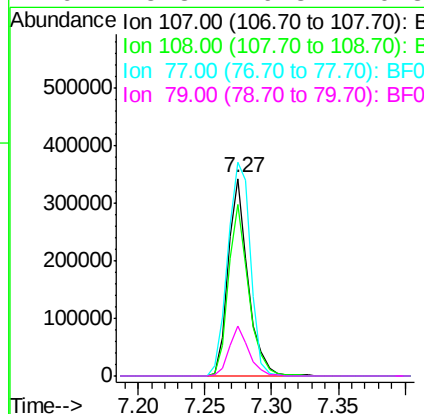
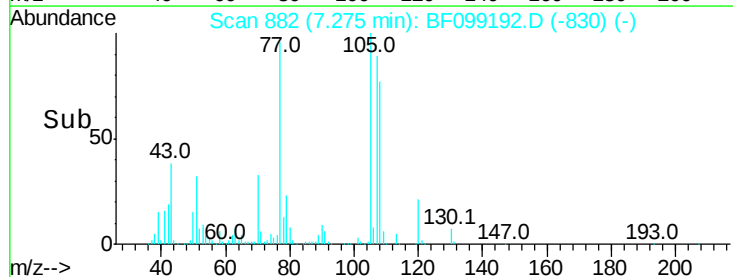
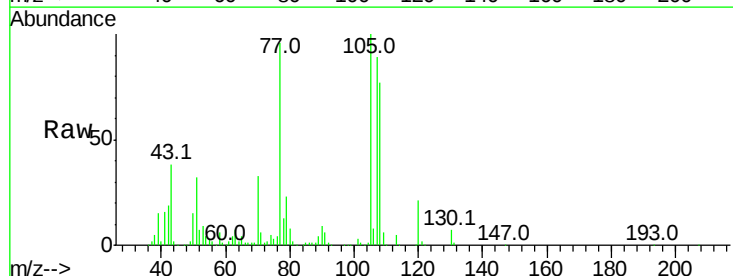
Manual Integrations
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#20
3+4-Methylphenols
Concen: 35.317 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	107	Resp	359320
Ion Ratio	Lower	Upper	
107	100		
108	86.8	68.2	108.2
77	108.3	26.7	66.7#
79	25.3	6.3	46.3





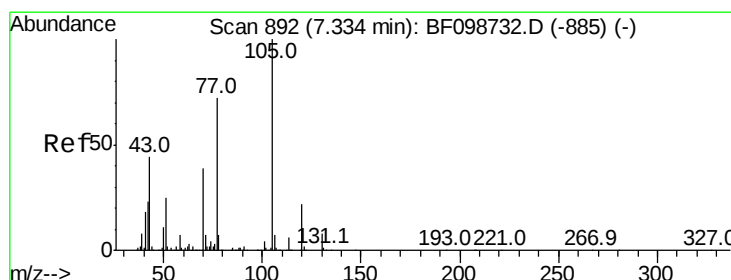
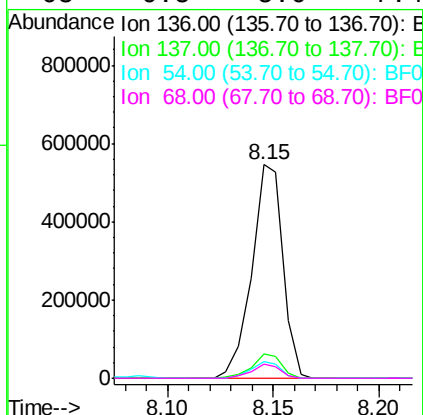
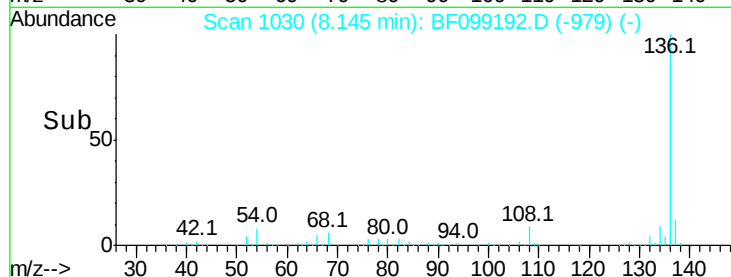
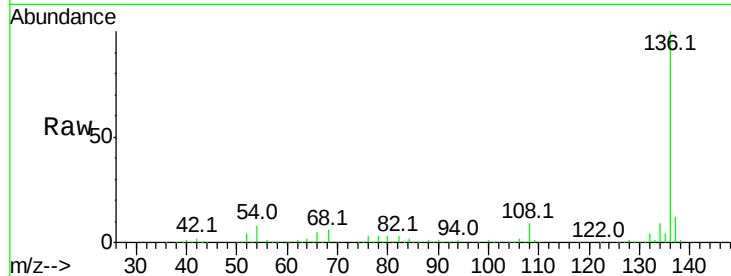
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	8.9	13.3	
54	8.0	6.6	9.8	
68	6.5	5.0	7.4	

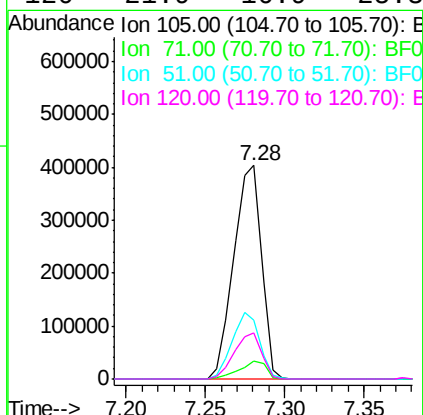
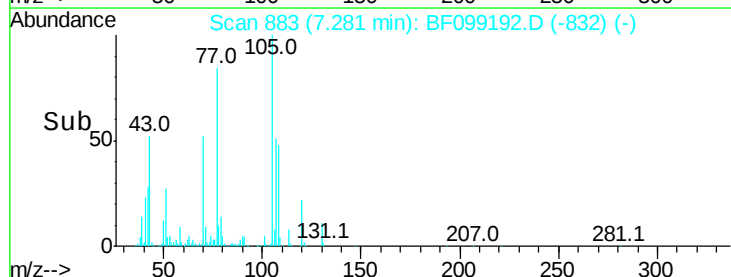
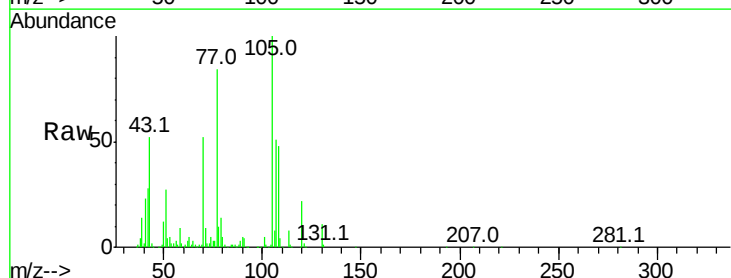
Manual Integrations
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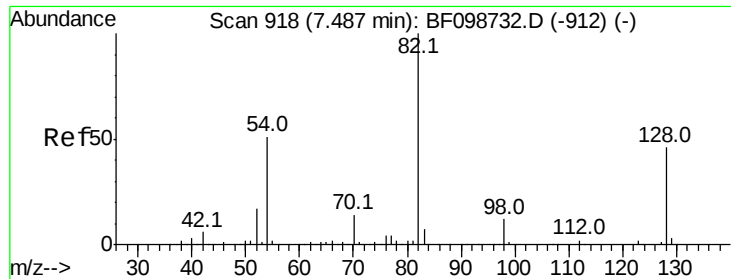
Sohil
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#22
Acetophenone
Concen: 36.112 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.6	4.4	6.6#	
51	27.4	22.3	33.5	
120	21.9	16.9	25.3	





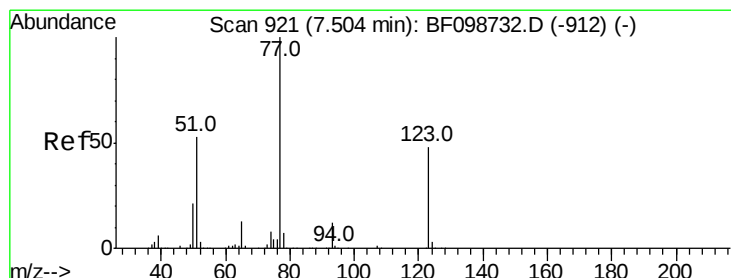
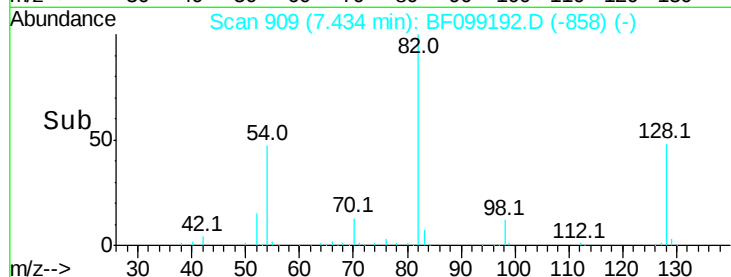
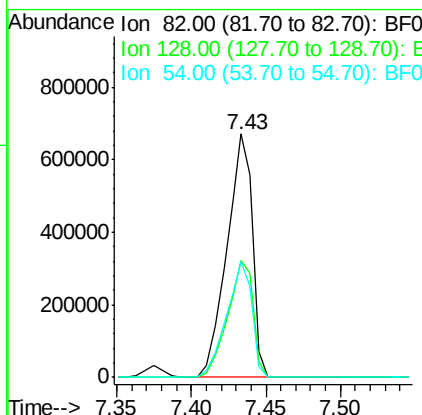
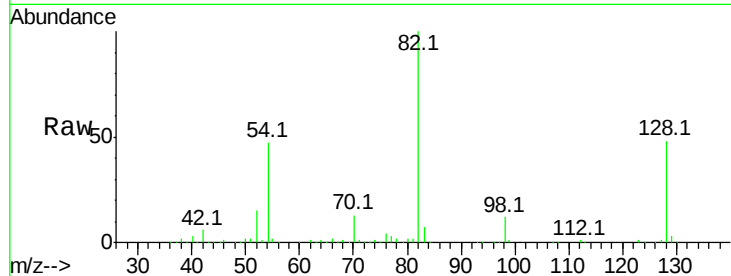
#23
Nitrobenzene-d5
Concen: 92.201 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.8	36.1	54.1	
54	47.4	41.4	62.2	

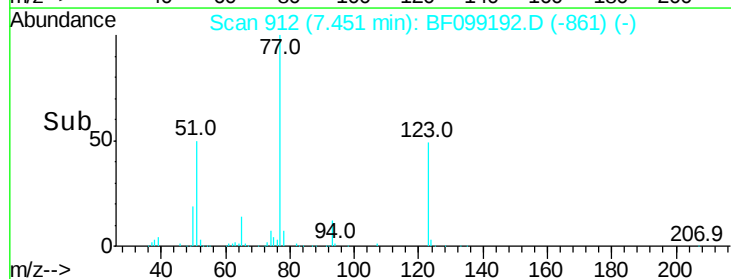
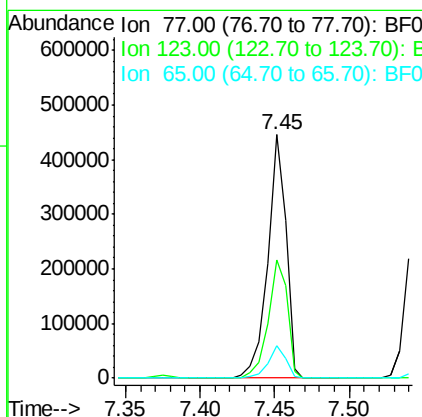
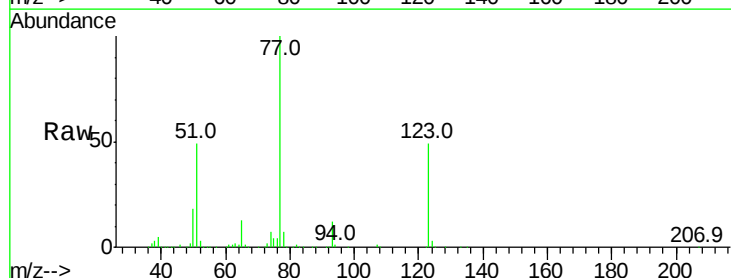
Manual Integrations
APPROVED

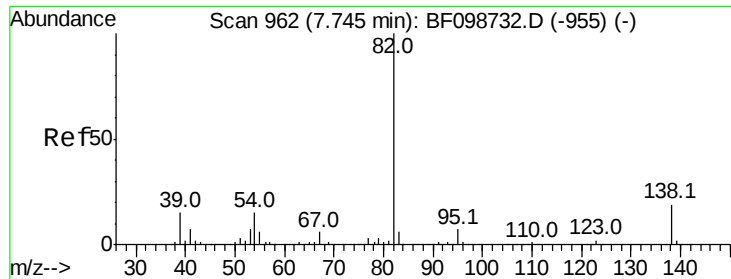
Sohil
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#24
Nitrobenzene
Concen: 37.909 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.6	37.9	56.9	
65	13.3	11.0	16.4	





#25

Isophorone

Concen: 38.535 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

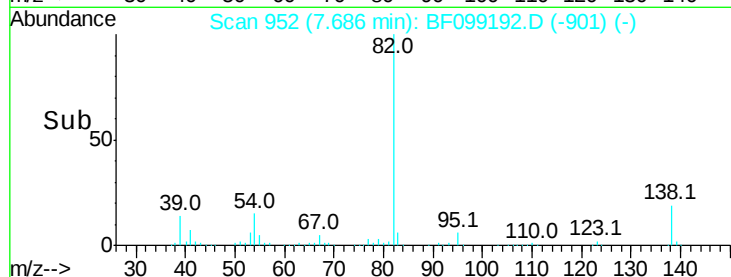
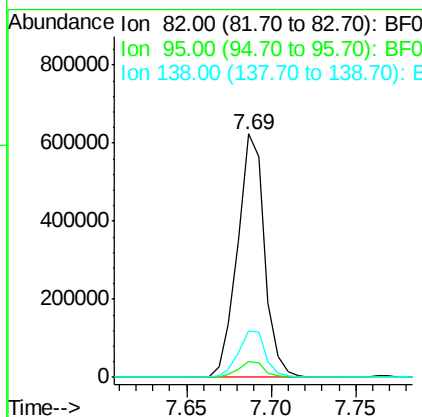
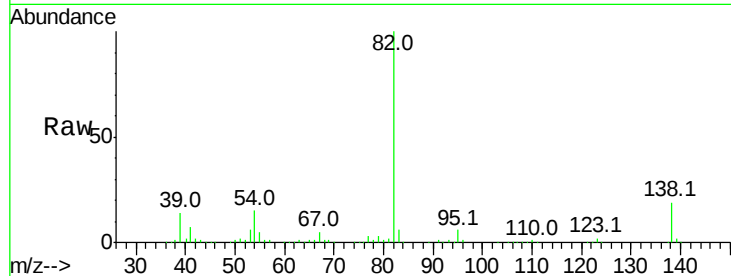
ClientSampleId :

SP-A-100217MSD

Tot Ion:	82	Resp:	693603
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	19.1	14.9	22.3

Manual Integrations
APPROVED

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#26

2-Nitrophenol

Concen: 44.169 ng

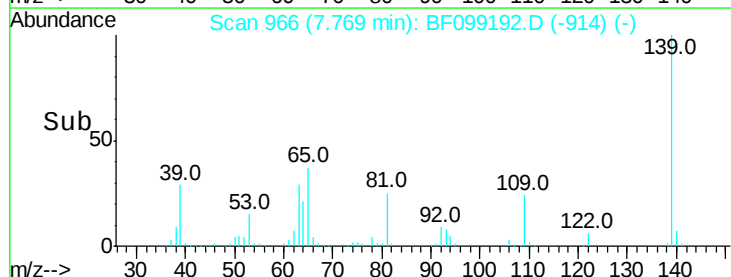
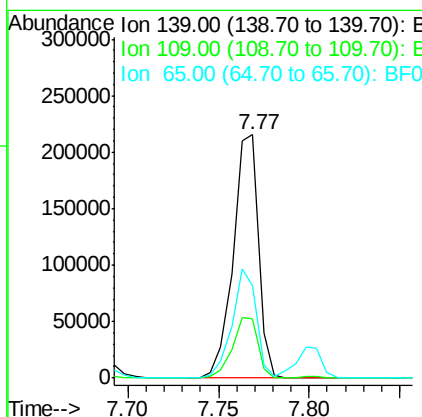
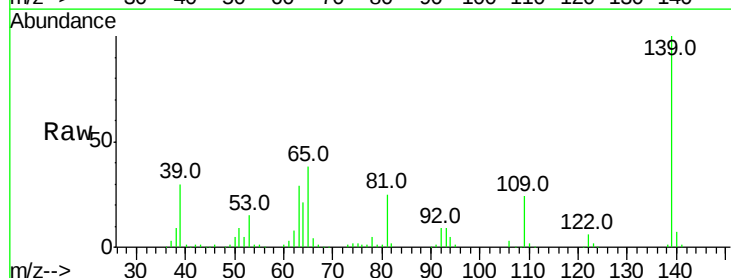
RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion:	139	Resp:	209755
Ion Ratio		Lower	Upper
139	100		
109	24.4	22.7	34.1
65	38.0	40.5	60.7#





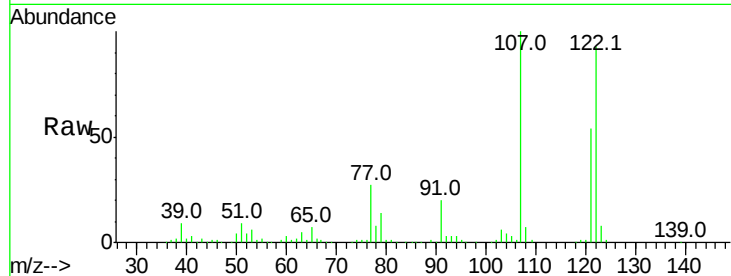
#27
 2,4-Dimethylphenol
 Concen: 36.721 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	329334		
107	107.5	91.2	136.8	
121	58.1	47.2	70.8	

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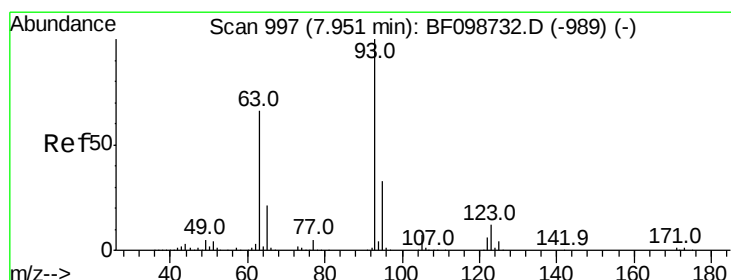
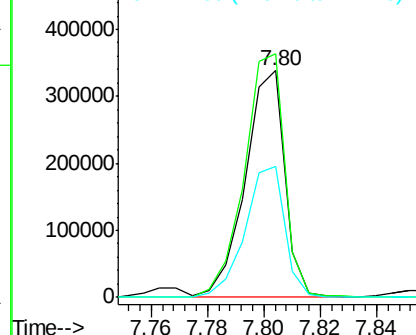
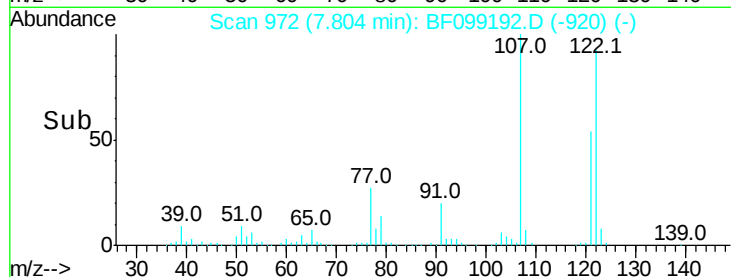


Abundance

Ion 122.00 (121.70 to 122.70): E

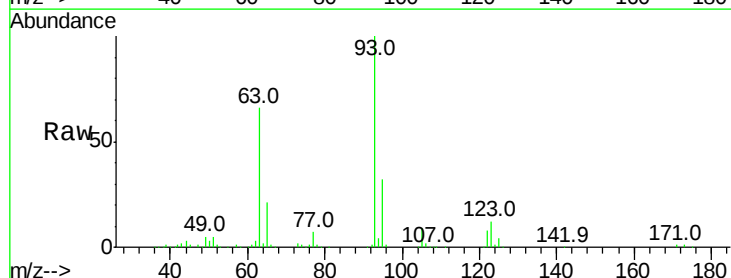
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.982 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	448471		
95	32.0	26.3	39.5	
123	11.6	9.8	14.6	

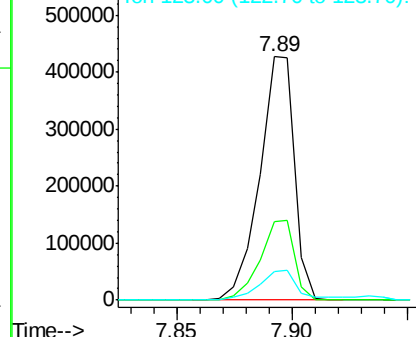
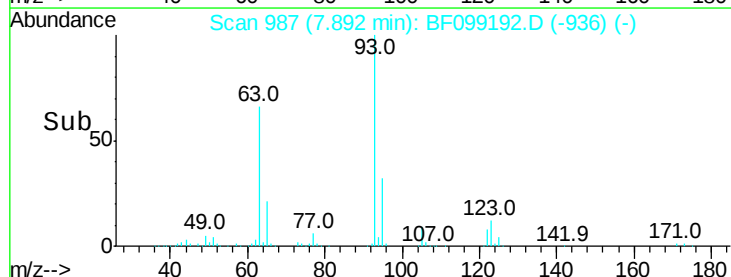


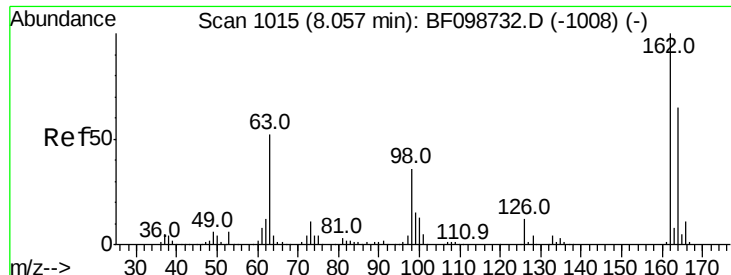
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





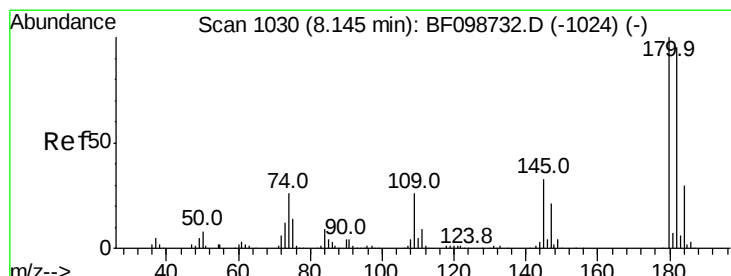
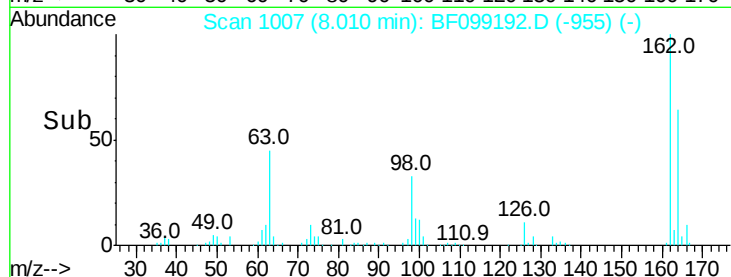
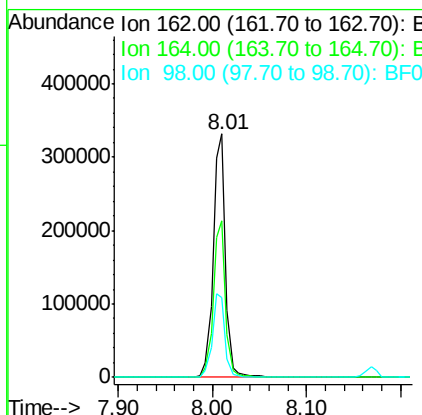
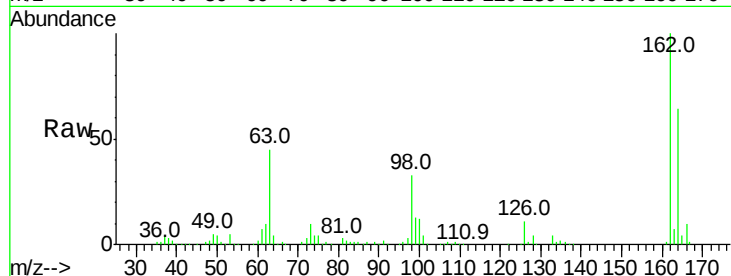
#29
 2,4-Dichlorophenol
 Concen: 40.086 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Tot Ion:	162	Resp:	308665
Ion Ratio	Lower	Upper	
162	100		
164	64.4	42.7	82.7
98	32.9	18.1	58.1

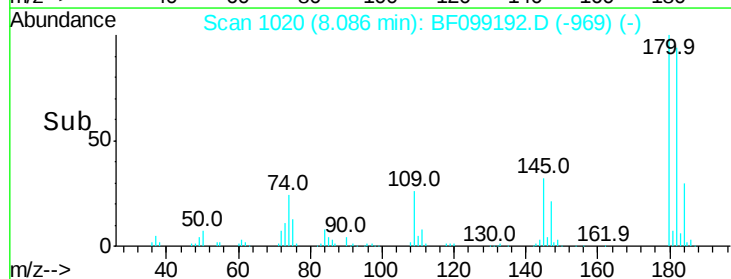
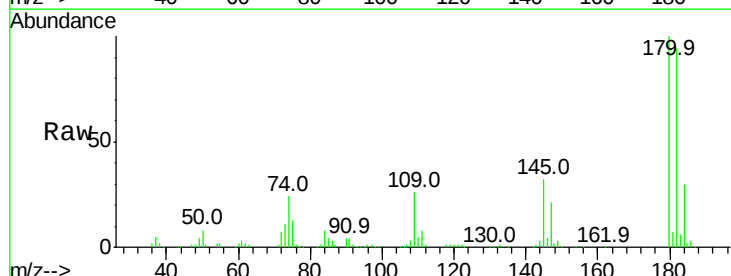
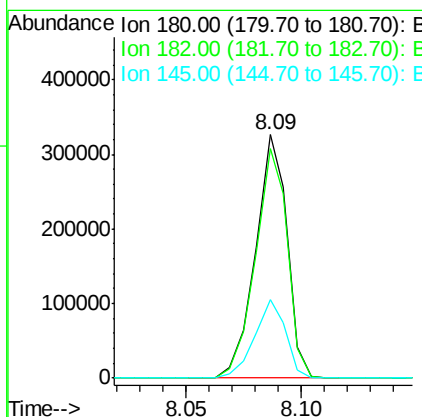
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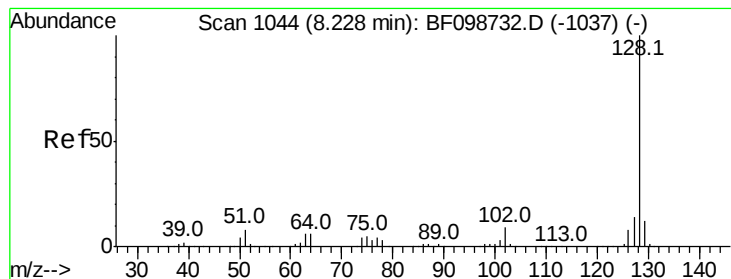
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.342 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion:	180	Resp:	310690
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.8	115.2
145	32.0	26.5	39.7





#31

Naphthalene

Concen: 39.668 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

SP-A-100217MSD

Tot Ion:128 Resp: 1040143

Ion Ratio Lower Upper

128 100

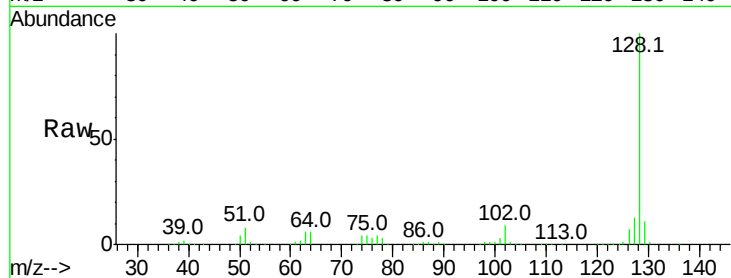
129 11.3 8.8 13.2

127 13.3 10.9 16.3

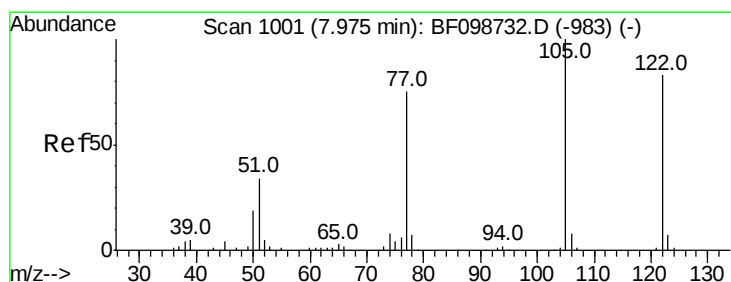
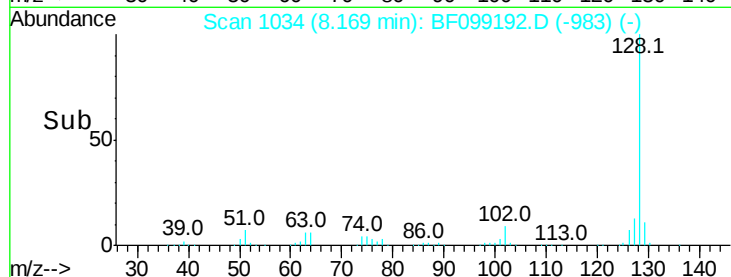
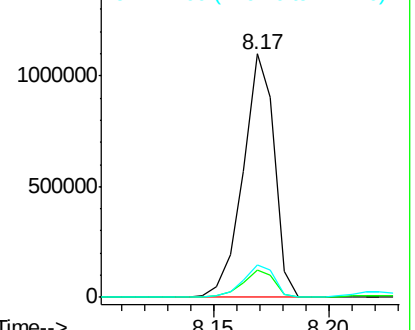
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Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.400 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.02 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

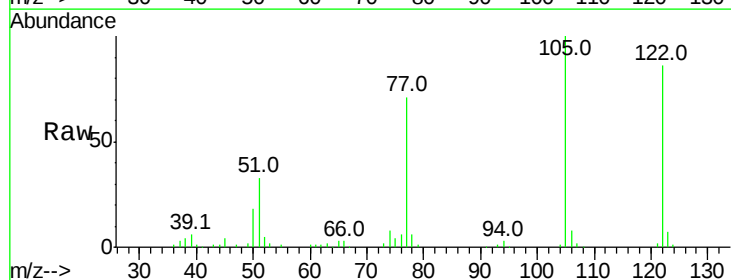
Tgt Ion:122 Resp: 231319

Ion Ratio Lower Upper

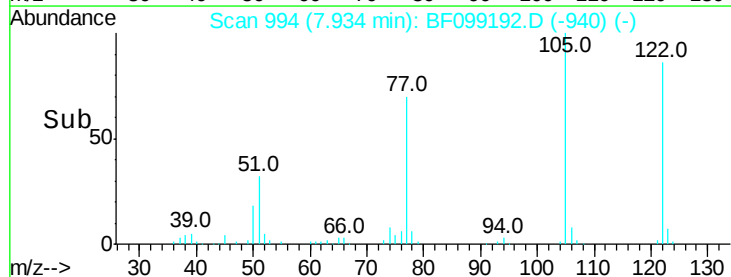
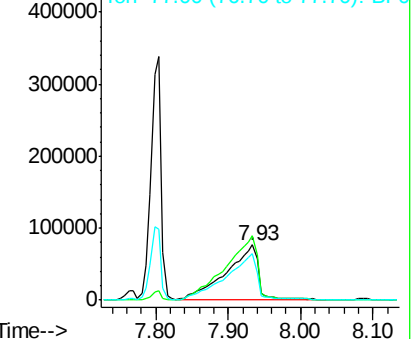
122 100

105 116.6 101.1 141.1

77 83.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





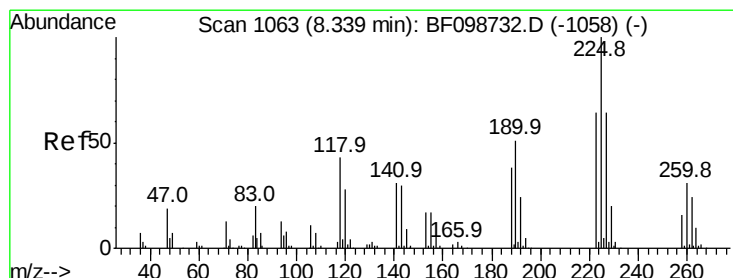
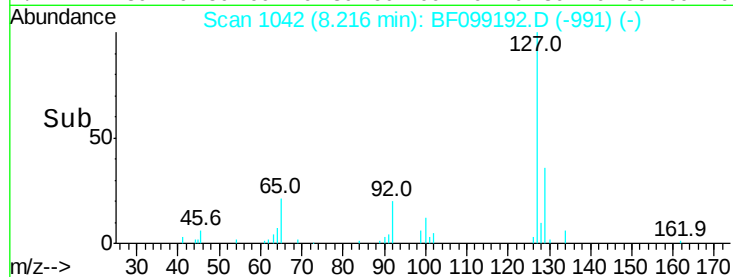
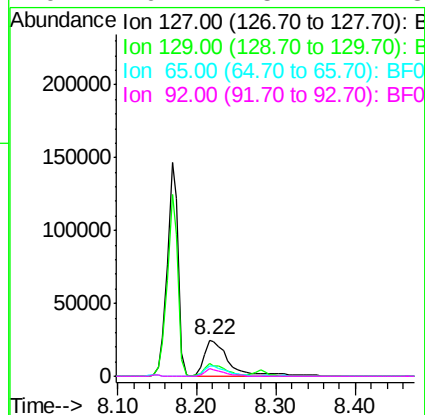
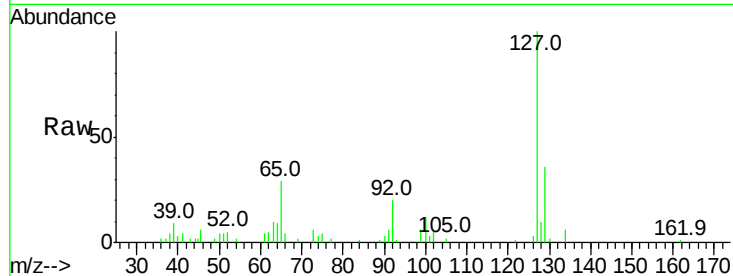
#33
 4-Chloroaniline
 Concen: 4.948 ng
 RT: 8.22 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.8	25.9	38.9
65	29.1	25.0	37.4
92	20.1	15.2	22.8

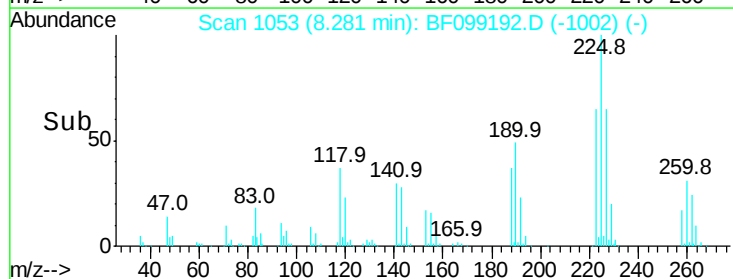
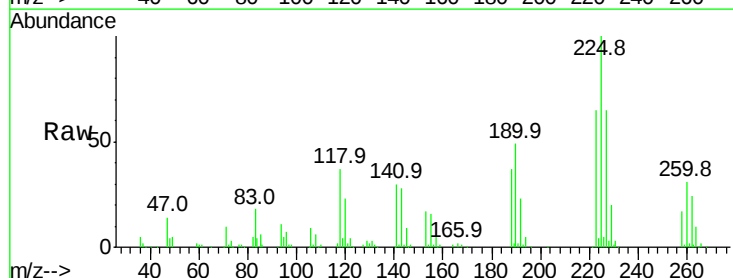
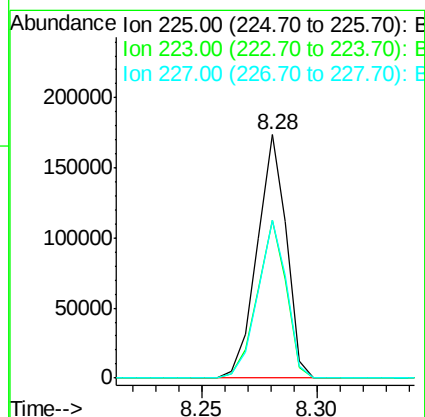
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#34
 Hexachlorobutadiene
 Concen: 38.623 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	64.7	51.9	77.9





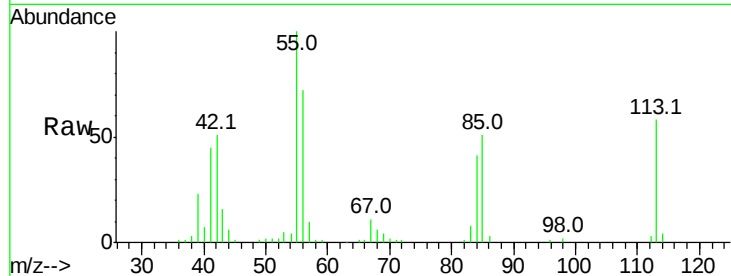
#35
Caprolactam
Concen: 36.264 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

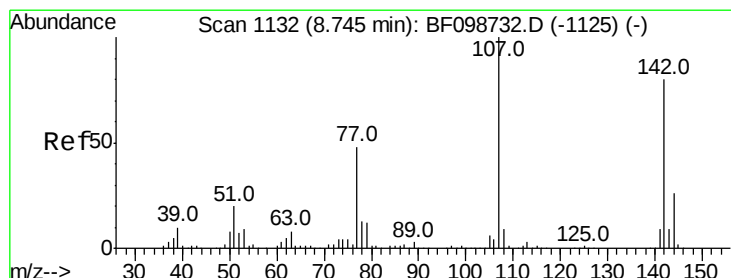
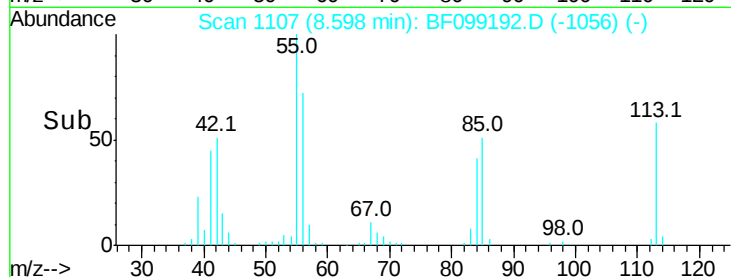
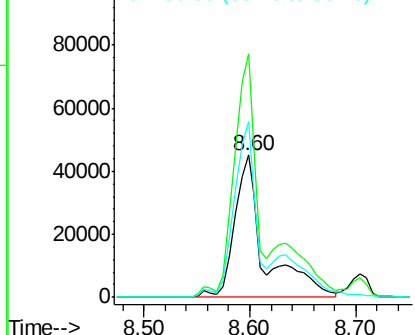
Tot Ion:113 Resp: 89571
Ion Ratio Lower Upper
113 100
55 171.3 163.3 203.3
56 124.1 115.7 155.7

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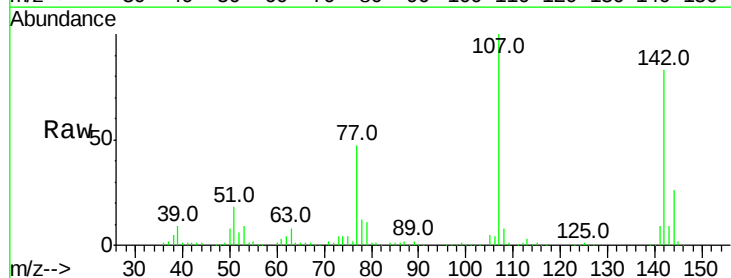


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

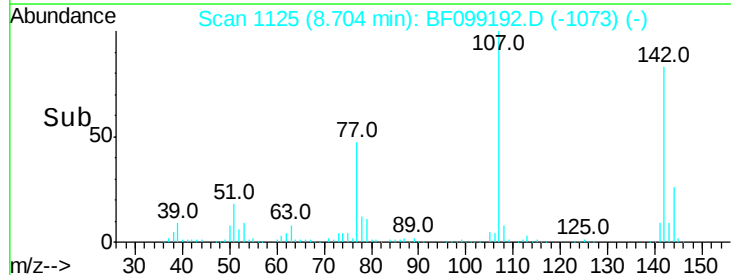
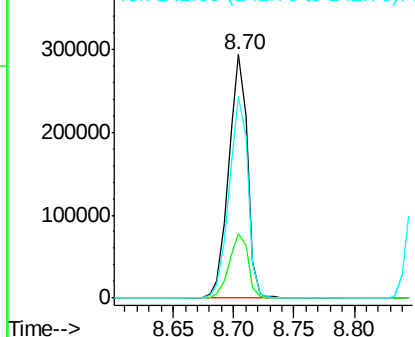


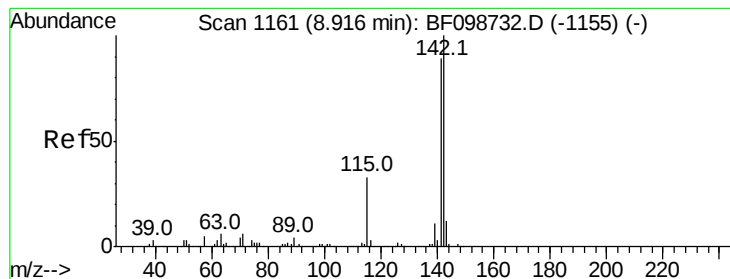
#36
4-Chloro-3-methylphenol
Concen: 36.564 ng/ml
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion:107 Resp: 316454
Ion Ratio Lower Upper
107 100
144 26.4 20.5 30.7
142 82.6 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





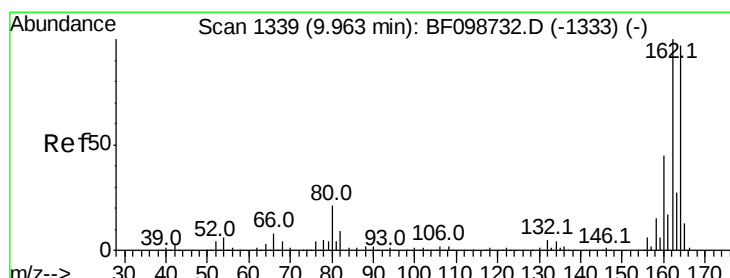
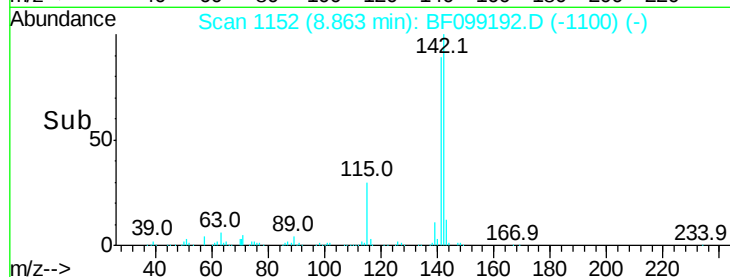
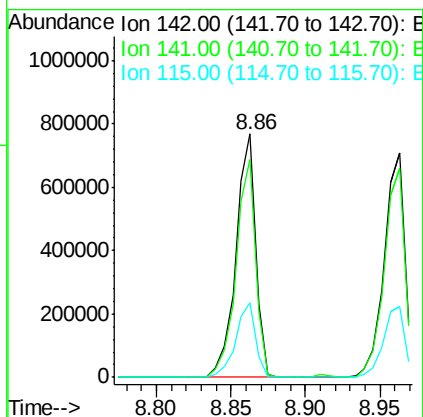
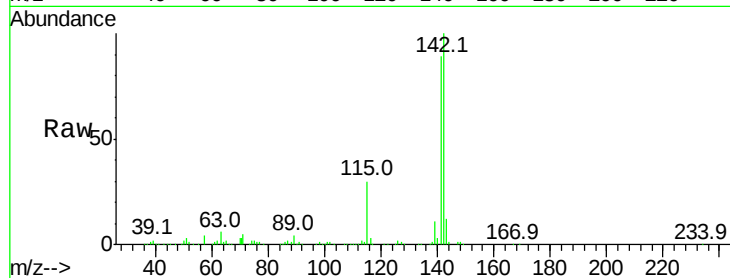
#37
2-Methylnaphthalene
Concen: 42.008 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	30.5	26.1	39.1

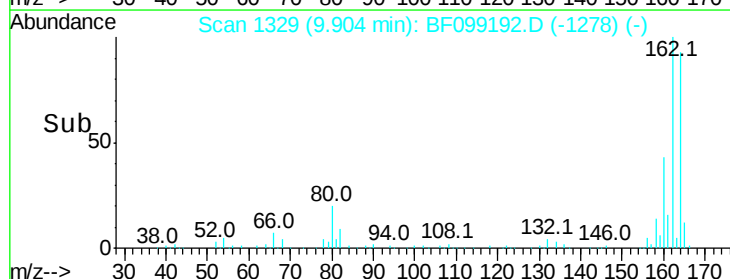
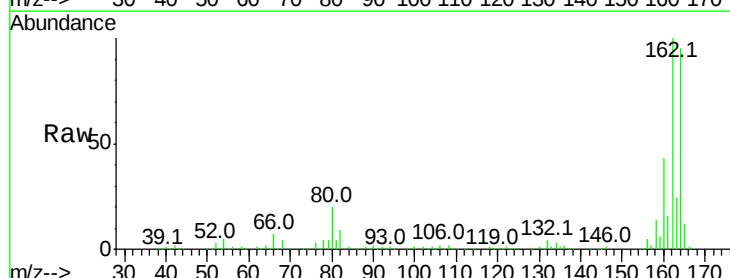
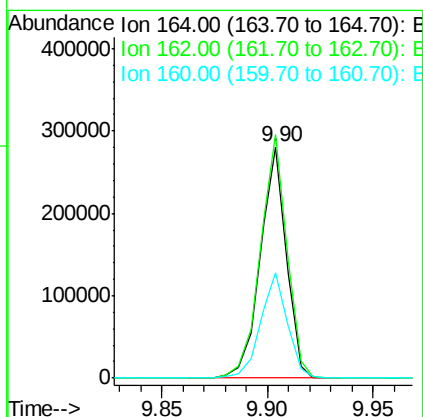
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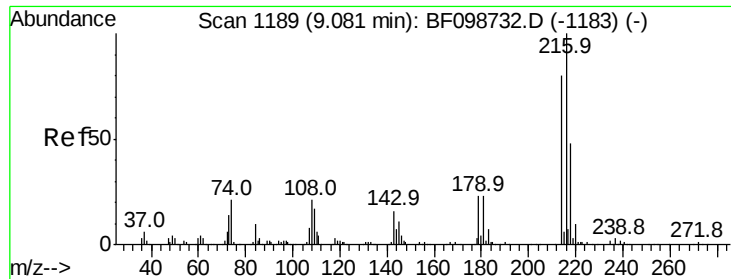
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	45.6	38.3	57.5





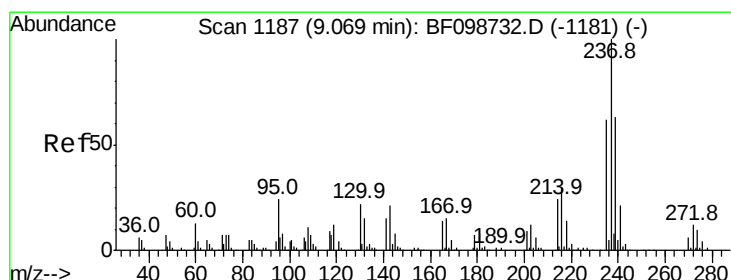
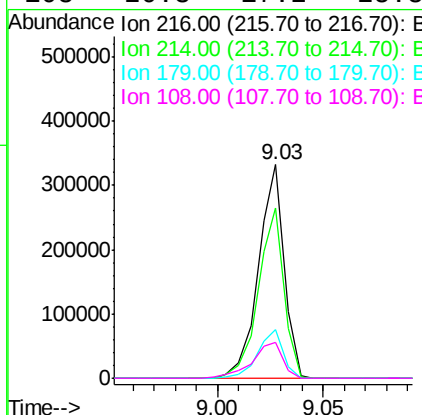
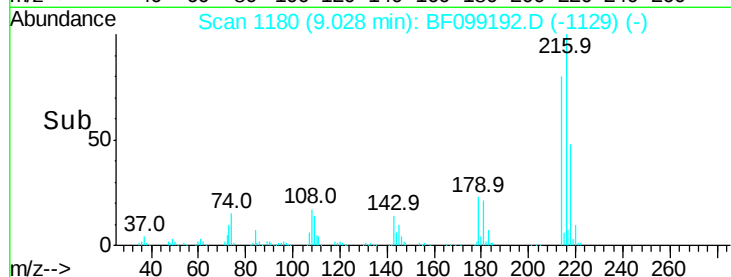
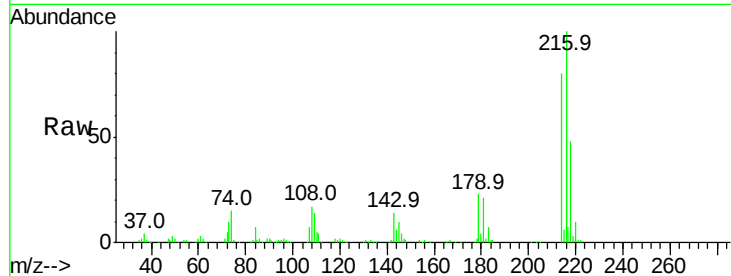
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.147 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	281563		
214	79.6	63.0	94.4	
179	22.7	18.1	27.1	
108	20.3	17.2	25.8	

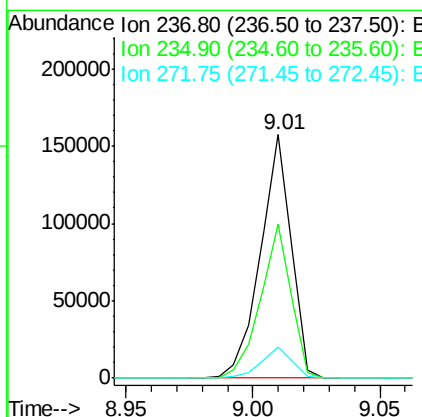
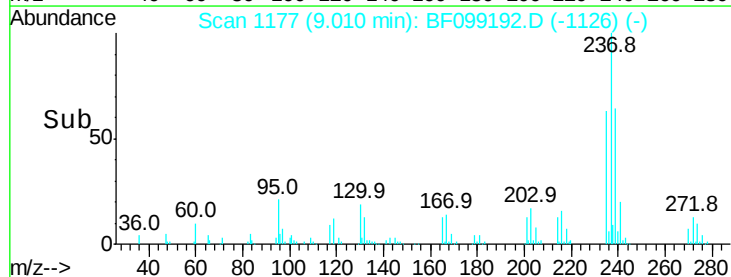
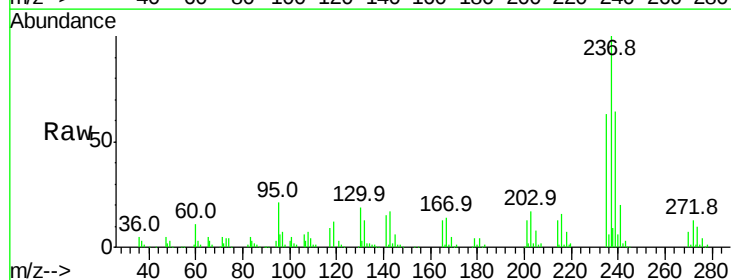
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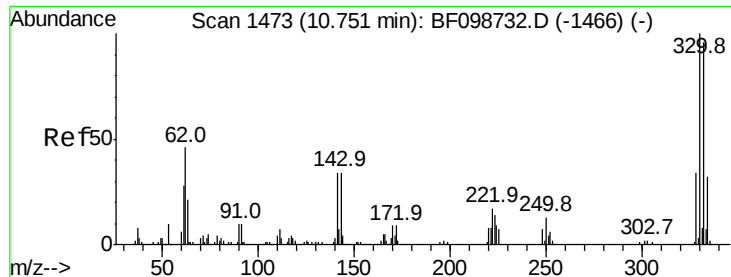
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#40
 Hexachlorocyclopentadiene
 Concen: 40.723 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	133853		
235	63.0	44.8	84.8	
272	12.9	0.0	33.3	





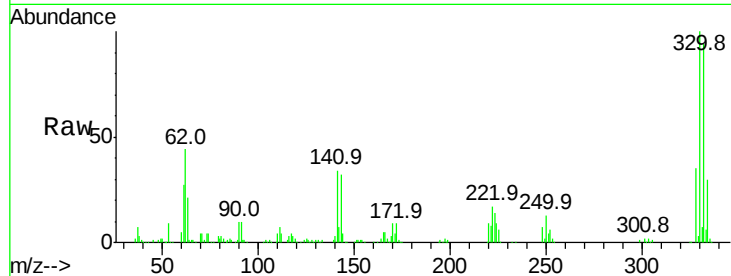
#41
 2,4,6-Tribromophenol
 Concen: 124.680 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

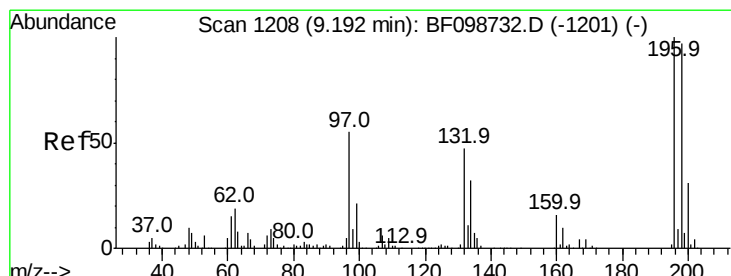
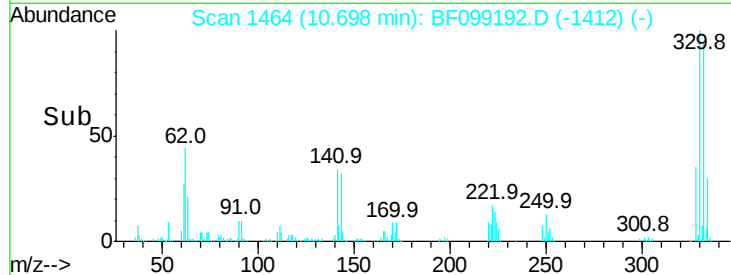
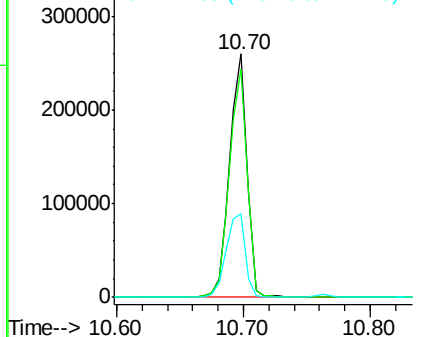
Tot Ion	Ratio	Resp	Lower	Upper
330	100	246048		
332	95.8	77.0	115.6	
141	37.9	29.9	44.9	

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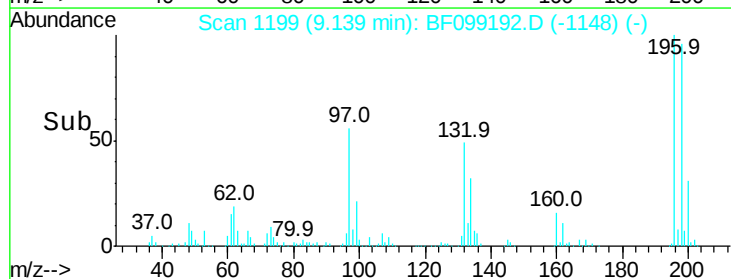
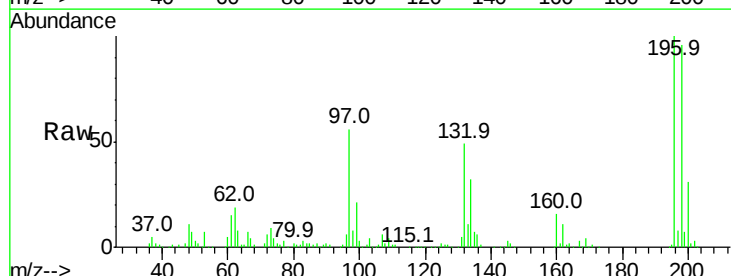
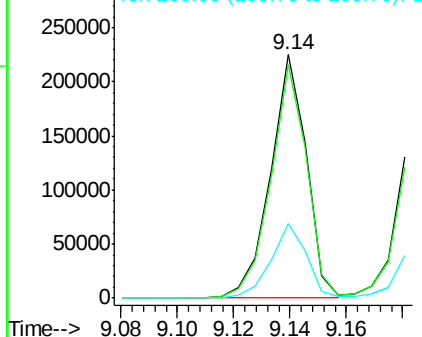
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.934 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198380		
198	96.1	75.7	113.5	
200	30.6	24.5	36.7	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





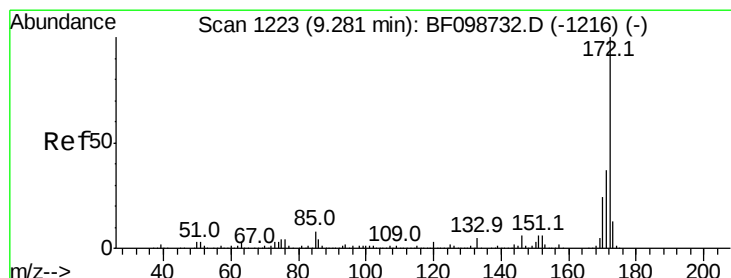
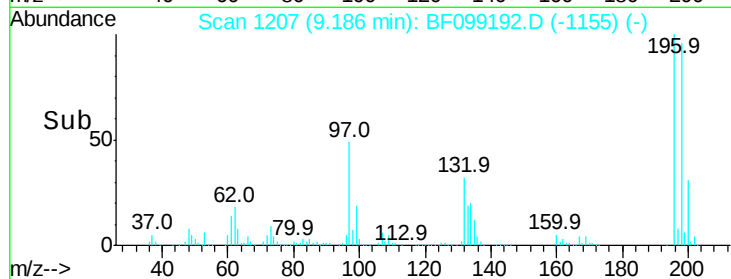
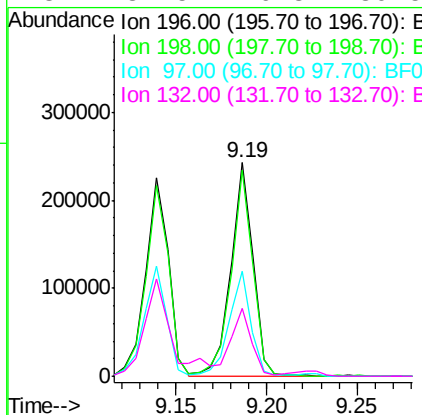
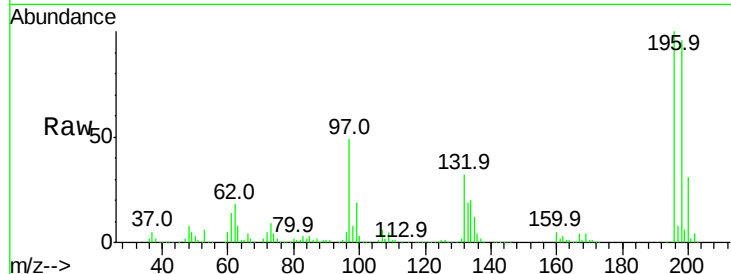
#43
 2,4,5-Trichlorophenol
 Concen: 40.611 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	206562		
198	96.5	74.6	112.0	
97	49.3	42.9	64.3	
132	31.5	26.3	39.5	

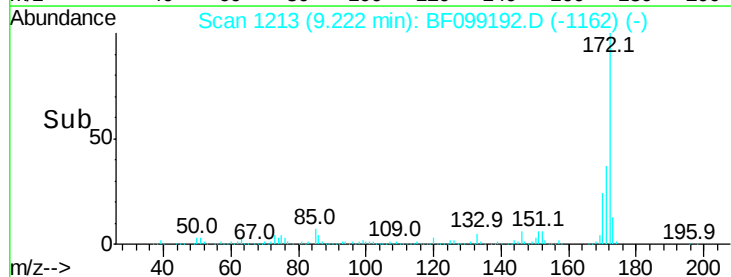
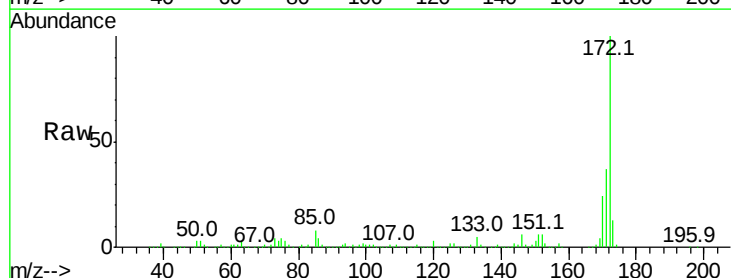
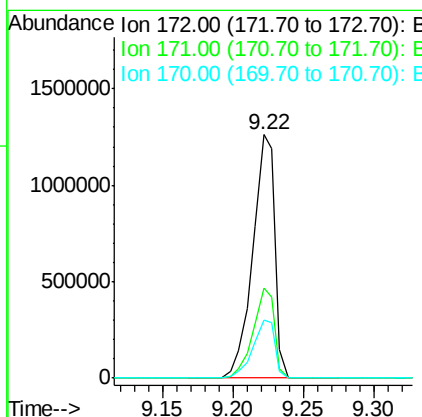
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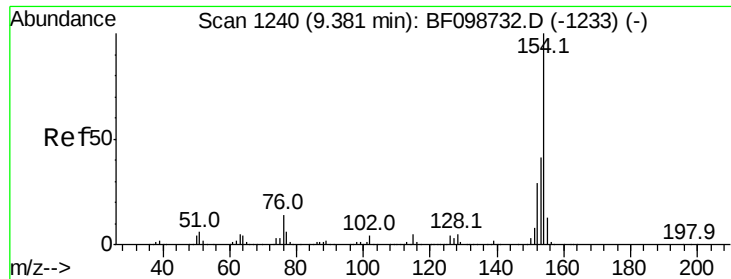
Sohil
 10/9/2017 6:33:55 PM



#44
 2-Fluorobiphenyl
 Concen: 96.156 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1389110		
171	36.9	29.7	44.5	
170	23.9	19.6	29.4	





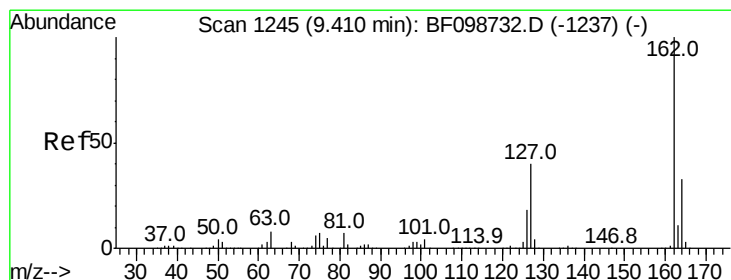
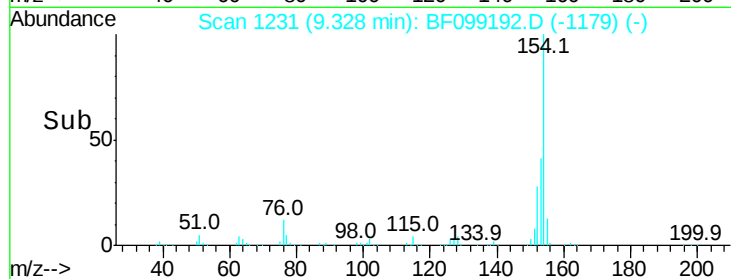
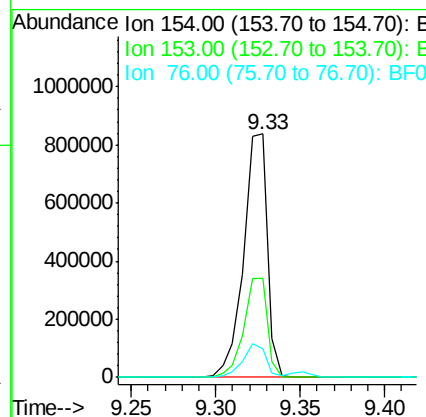
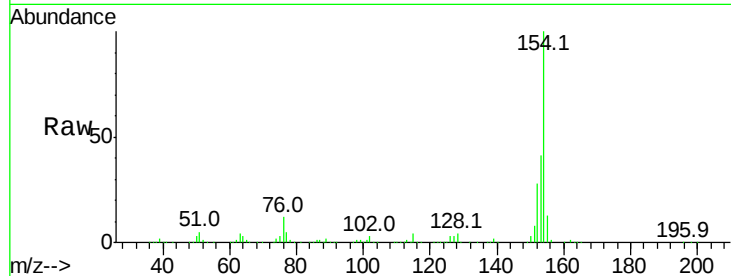
#45
 1,1'-Biphenyl
 Concen: 39.546 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	21.3	61.3	
76	12.0	0.0	34.0	

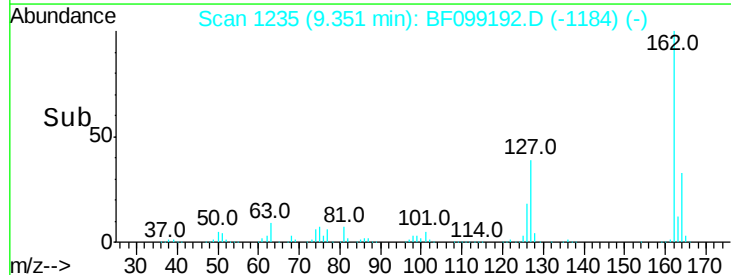
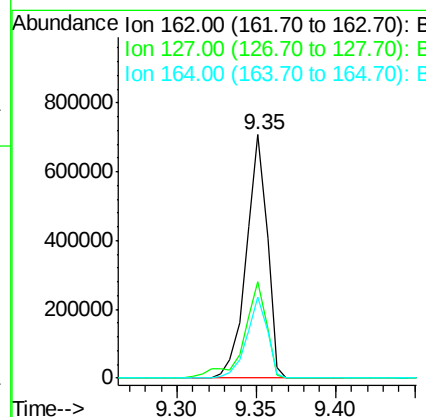
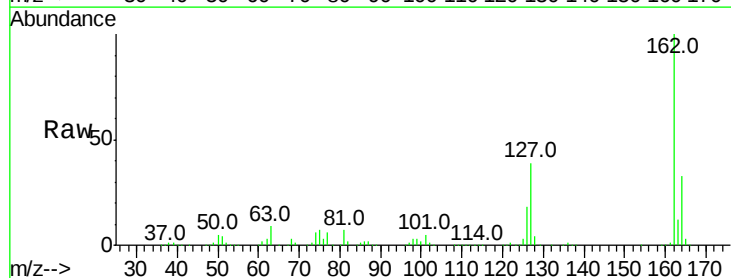
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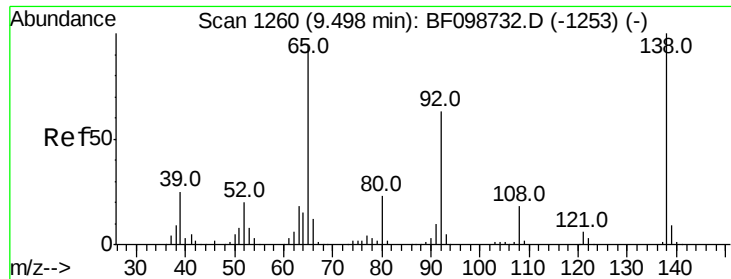
Sohil
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#46
 2-Chloronaphthalene
 Concen: 41.175 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.4	33.9	50.9	
164	33.3	26.5	39.7	





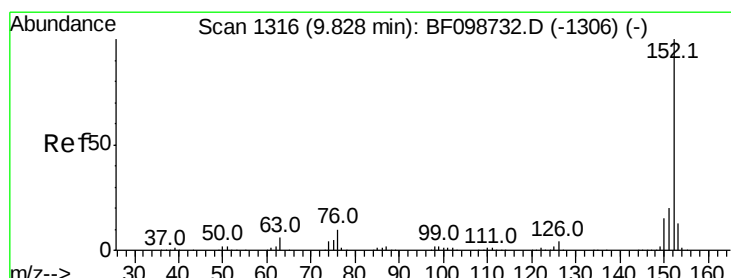
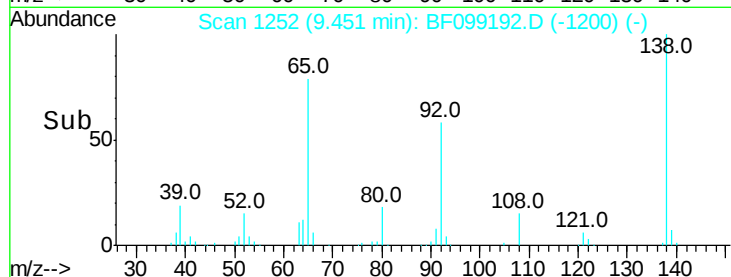
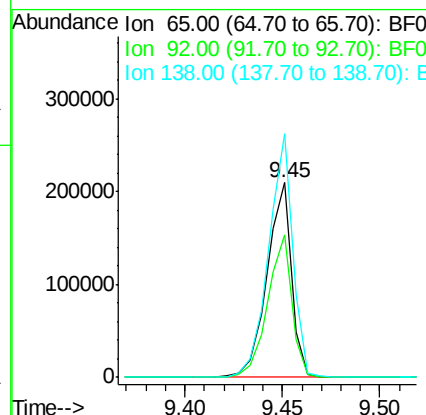
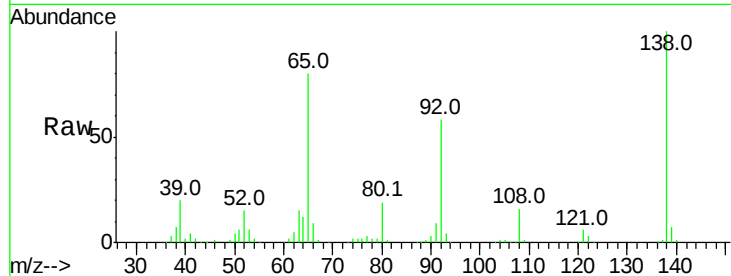
#47
2-Nitroaniline
Concen: 38.408 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.0	55.8	83.6
138	125.0	91.2	136.8

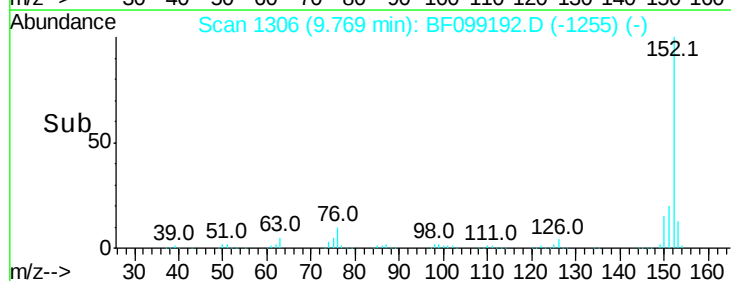
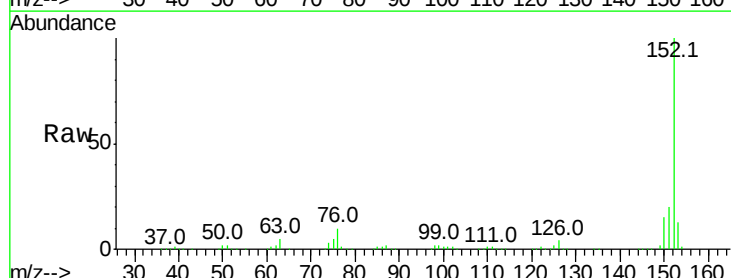
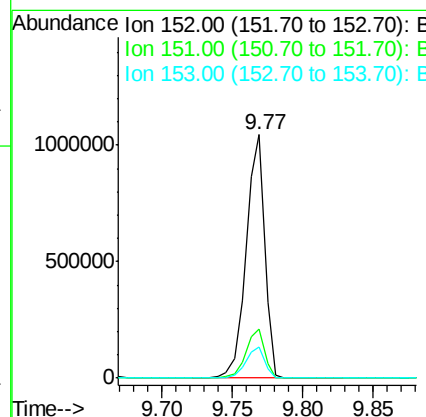
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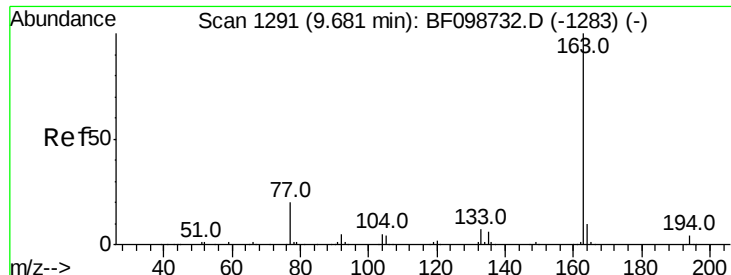
Sohil
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#48
Acenaphthylene
Concen: 39.991 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	12.9	10.7	16.1





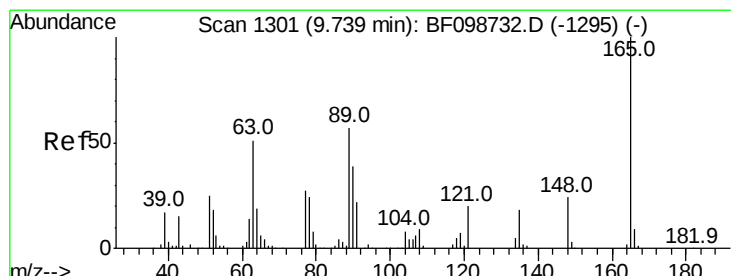
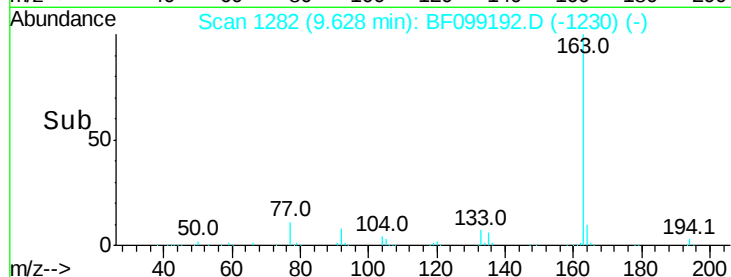
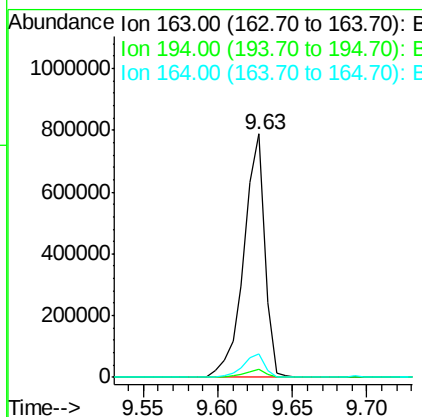
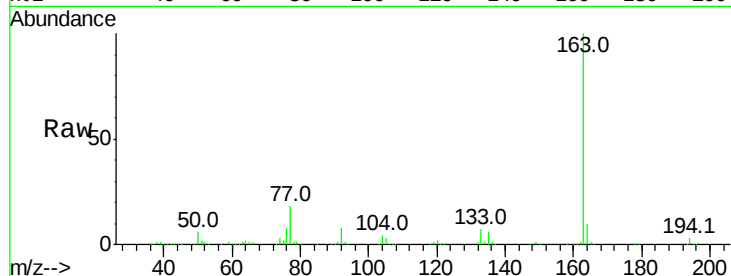
#49
 Dimethylphthalate
 Concen: 42.292 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	9.7	8.2	12.2	

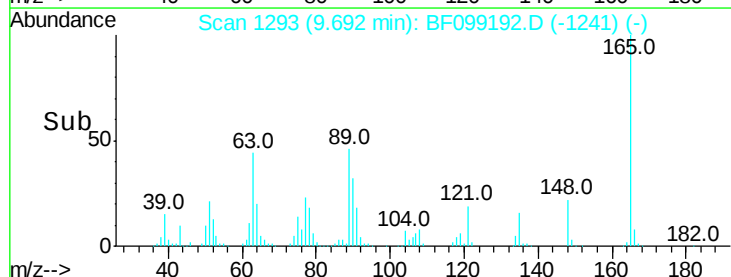
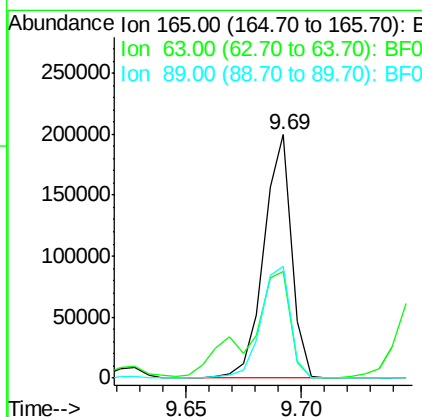
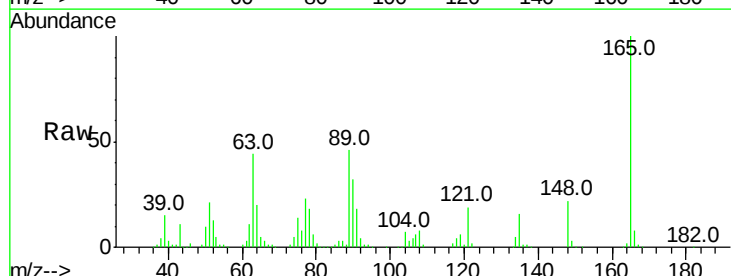
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#50
 2,6-Dinitrotoluene
 Concen: 42.256 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.9	44.7	67.1#	
89	46.1	44.0	66.0	





#51

Acenaphthene

Concen: 37.111 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

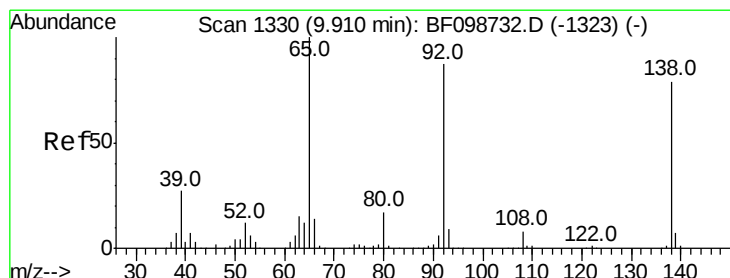
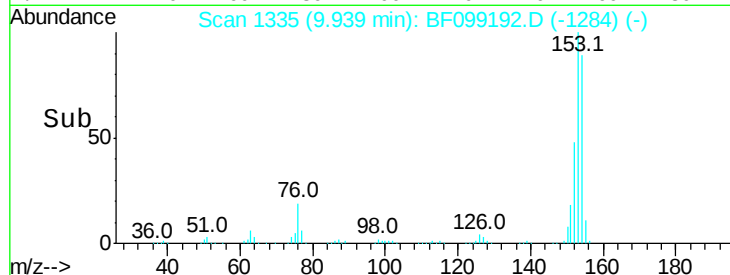
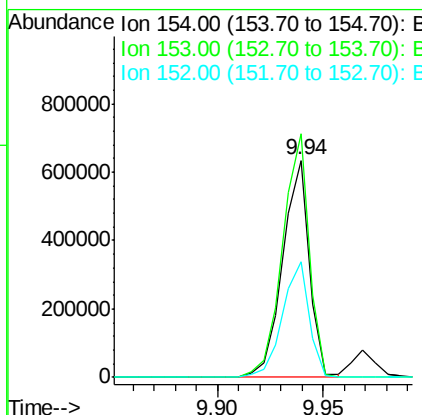
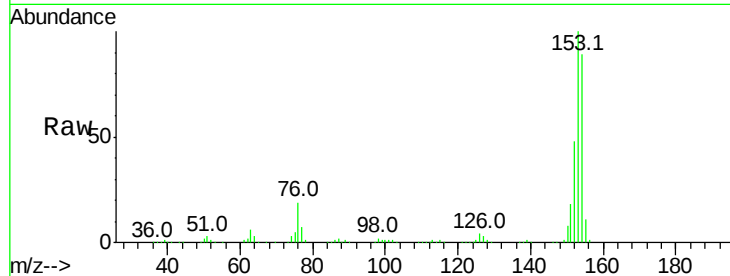
ClientSampleId :

SP-A-100217MSD

Tot Ion:	154	Resp:	560043
Ion Ratio	Lower	Upper	
154	100		
153	112.1	91.2	136.8
152	53.5	43.8	65.8

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#52

3-Nitroaniline

Concen: 11.427 ng

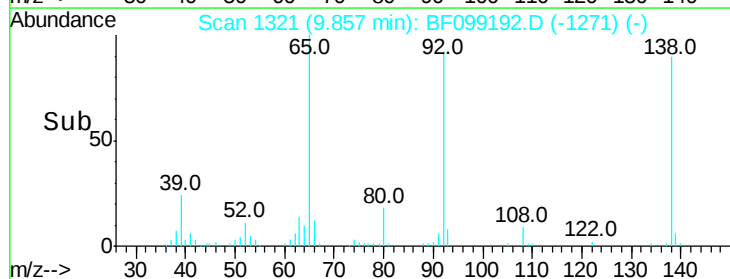
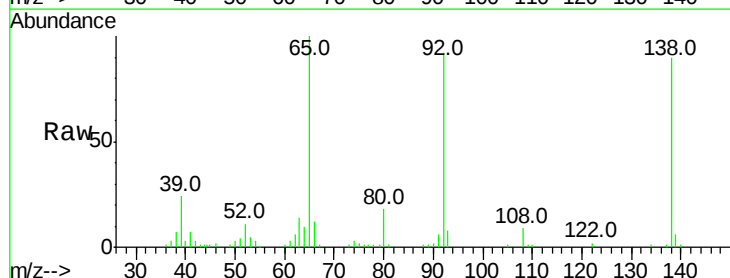
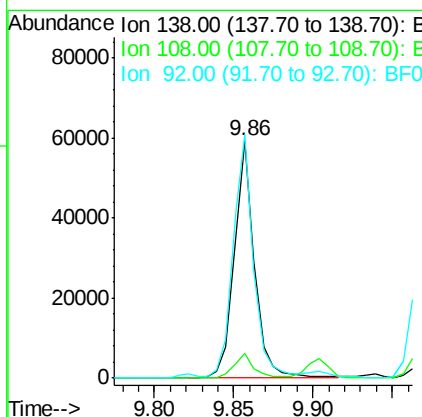
RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion:	138	Resp:	52800
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.0
92	102.4	89.4	134.2





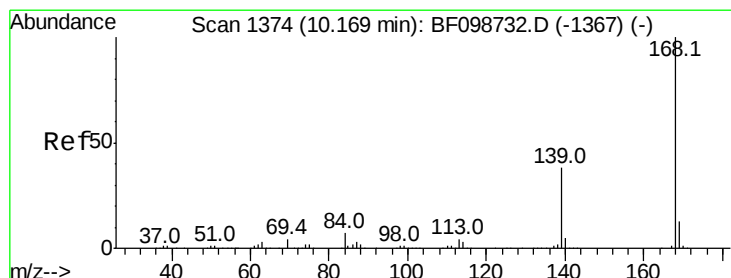
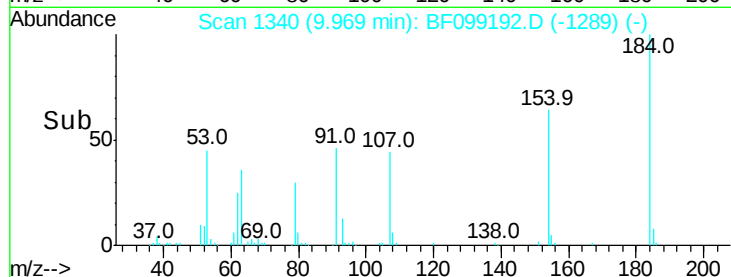
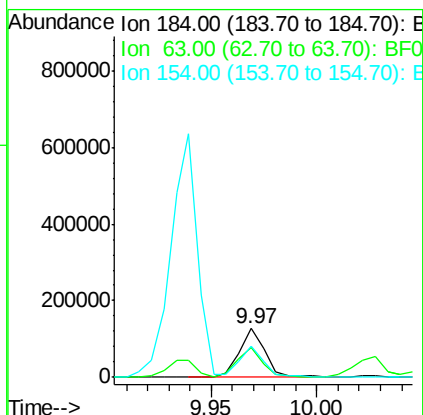
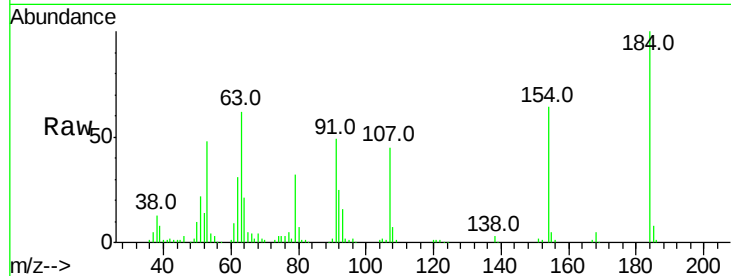
#53
2,4-Dinitrophenol
Concen: 54.070 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	107350		
63	62.3	54.2	81.2	
154	63.9	53.5	80.3	

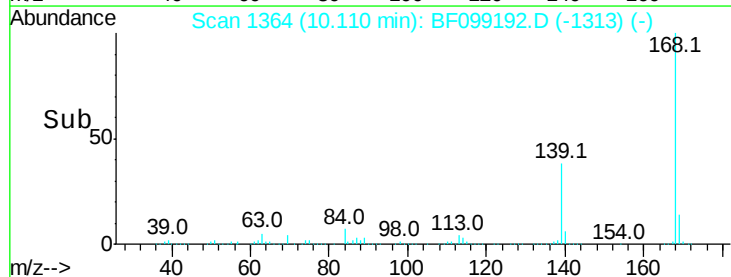
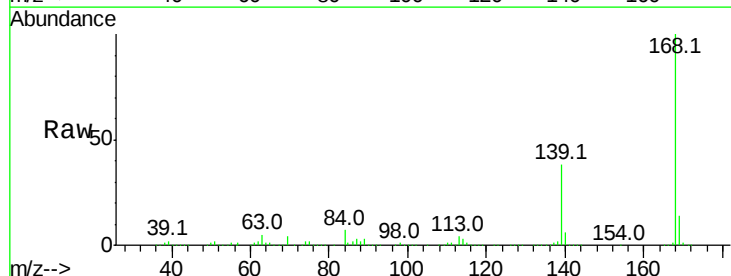
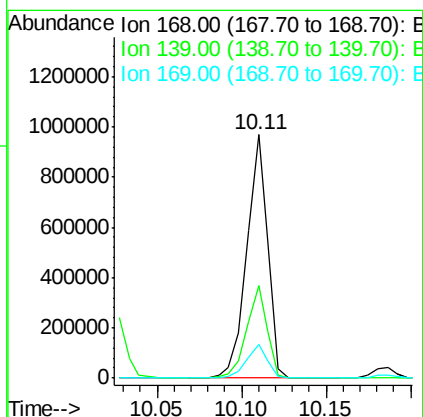
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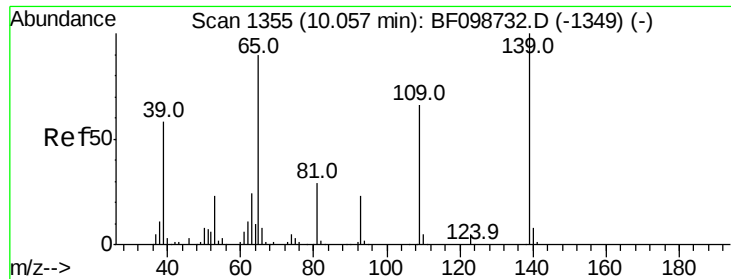
Sohil
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#54
Dibenzofuran
Concen: 41.775 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	839379		
139	38.0	30.1	45.1	
169	13.7	10.9	16.3	





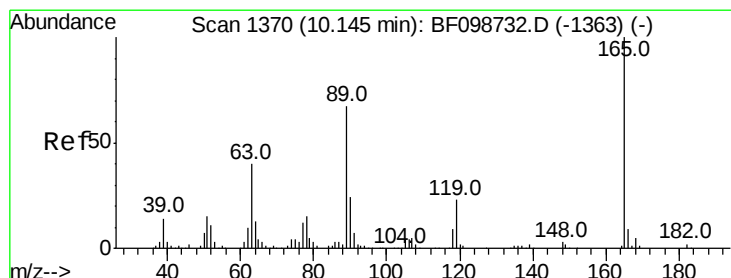
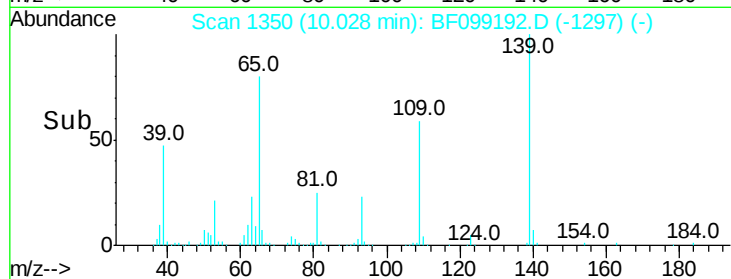
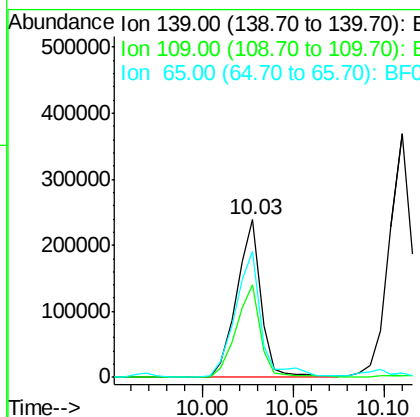
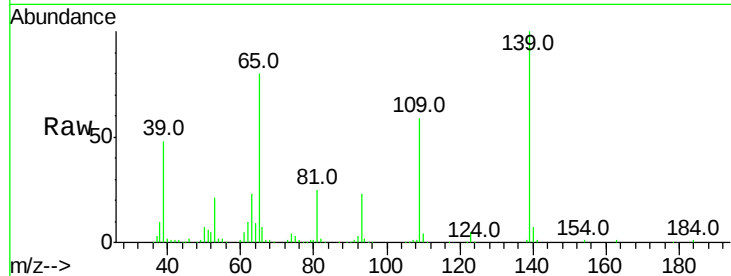
#55
4-Nitrophenol
Concen: 57.557 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.5	48.4	88.4
65	79.7	72.6	112.6

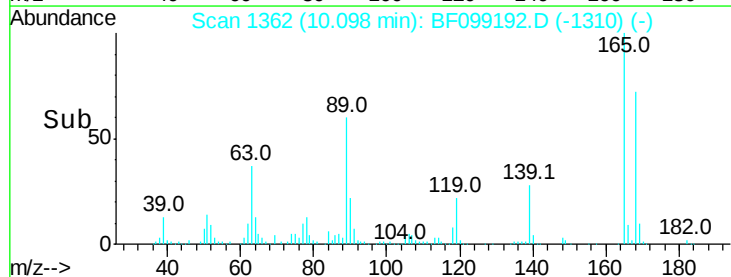
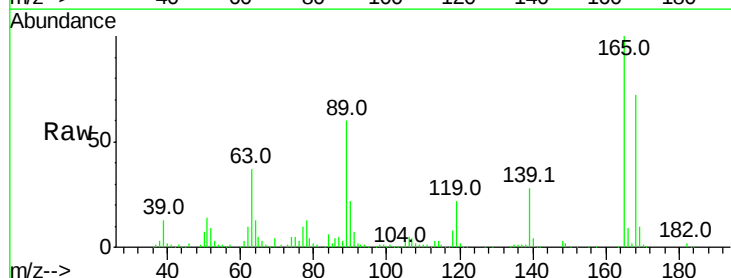
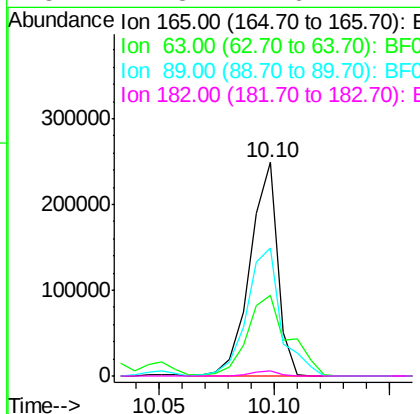
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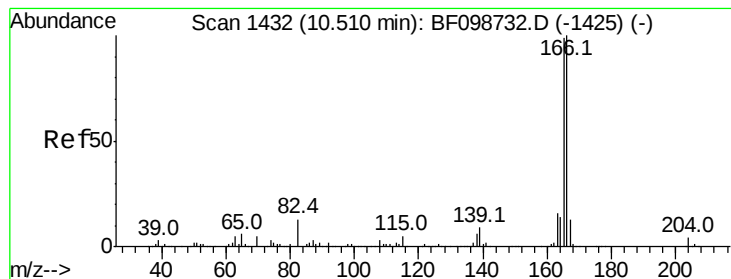
Sohil
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#56
2,4-Dinitrotoluene
Concen: 40.649 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.5	36.4	54.6
89	60.2	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 39.313 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

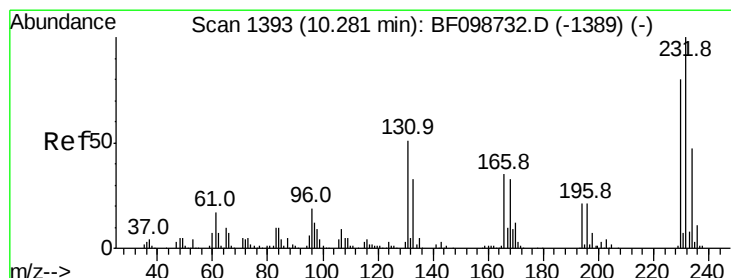
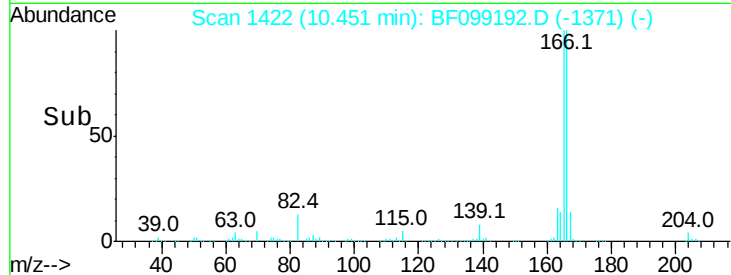
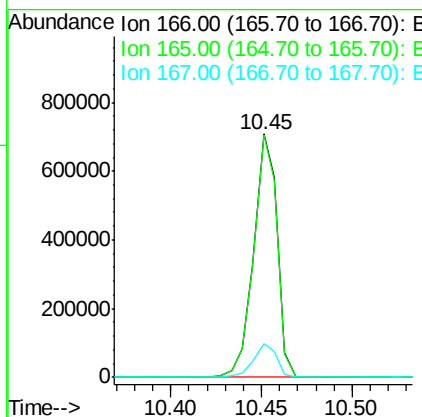
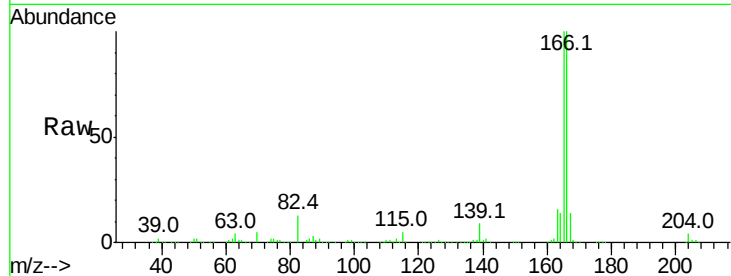
ClientSampleId :

SP-A-100217MSD

Tot Ion:	166	Resp:	634899
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.8	119.8
167	13.6	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.962 ng

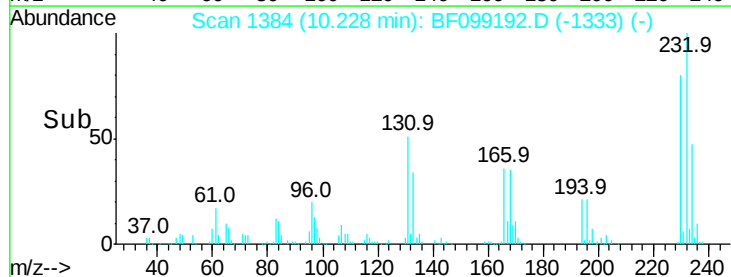
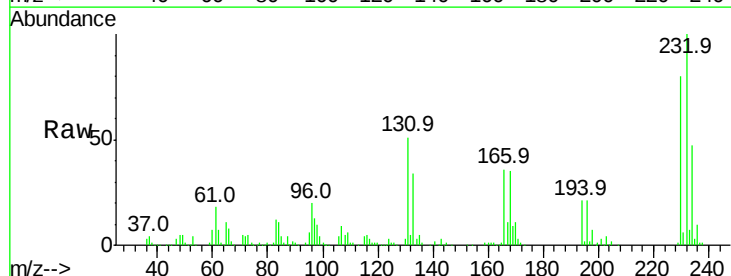
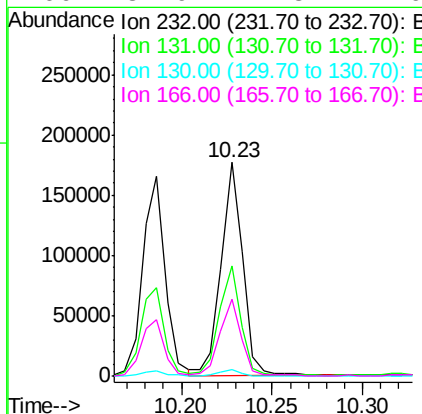
RT: 10.23 min Scan# 1384

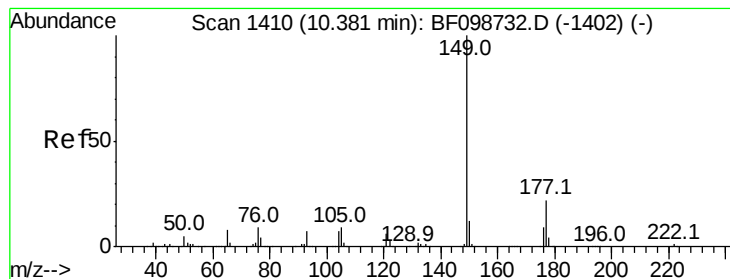
Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion:	232	Resp:	147441
Ion Ratio	Lower	Upper	
232	100		
131	51.4	43.8	65.8
130	2.6	2.1	3.1
166	34.9	27.8	41.6





#59

Diethylphthalate

Concen: 40.671 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

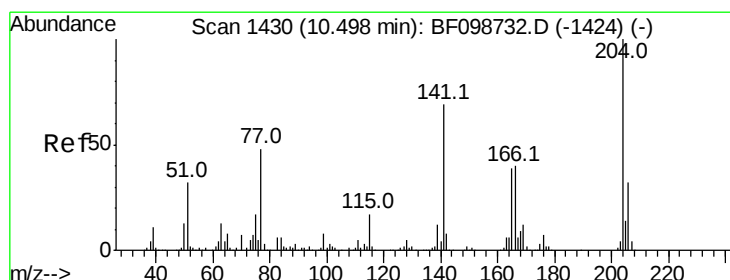
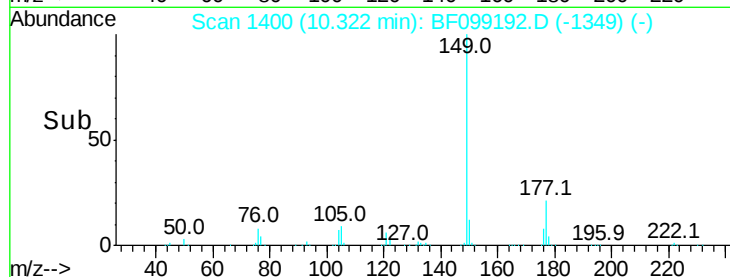
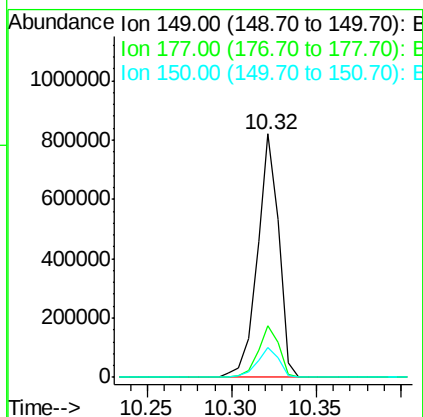
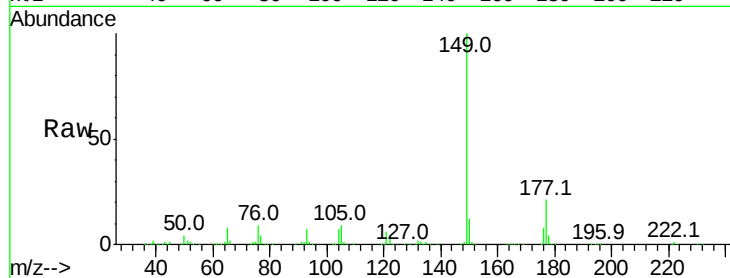
ClientSampleId :

SP-A-100217MSD

Tot Ion:	149	Resp:	723380
Ion Ratio	Lower	Upper	
149	100		
177	21.0	16.1	24.1
150	12.4	10.1	15.1

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 40.241 ng

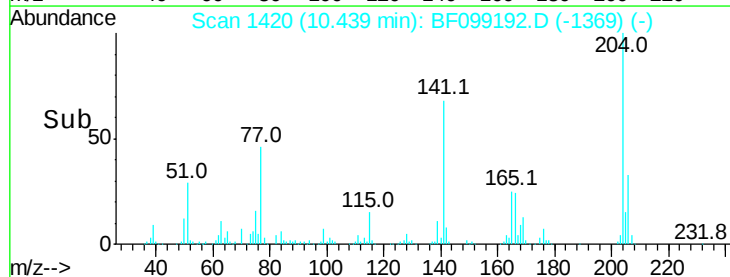
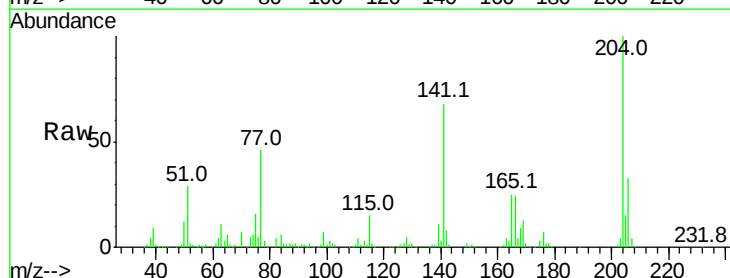
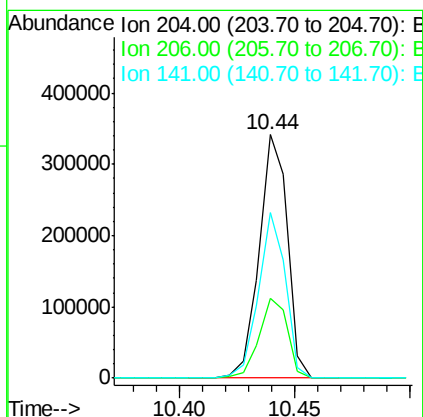
RT: 10.44 min Scan# 1420

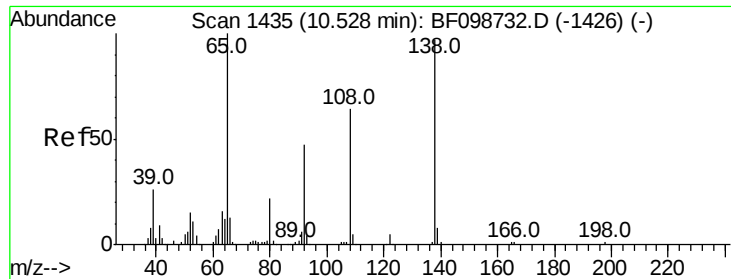
Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion:	204	Resp:	291934
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.5	39.7
141	67.8	54.6	81.8





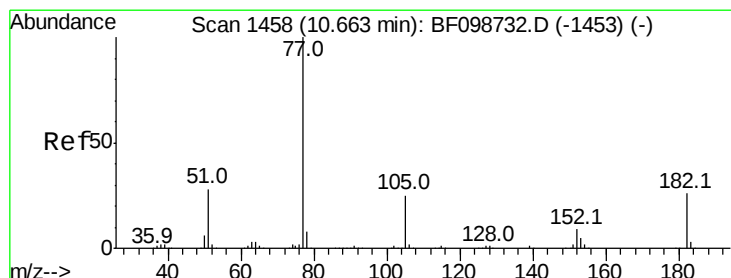
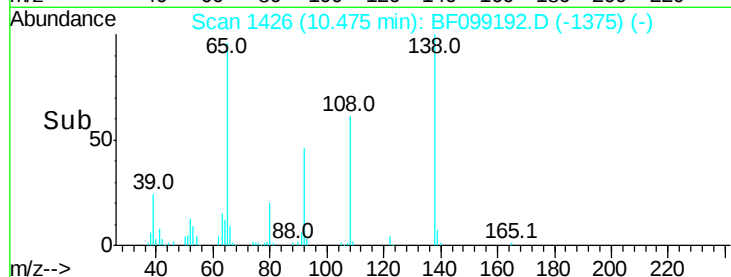
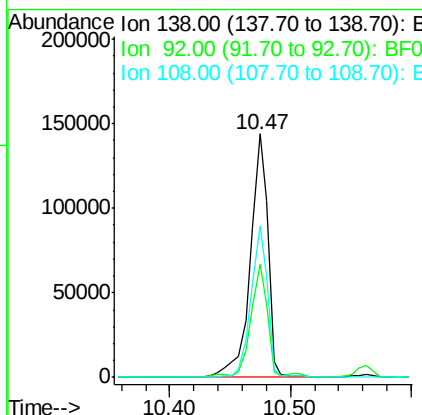
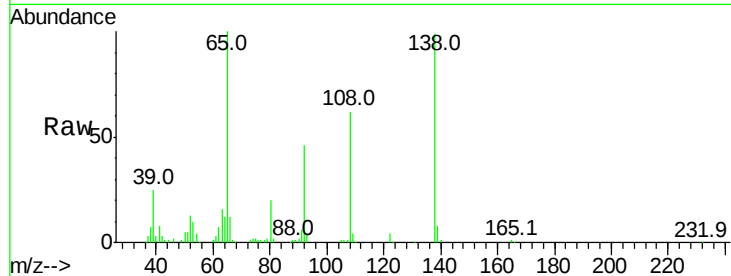
#61
4-Nitroaniline
Concen: 33.245 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.4	30.2	70.2
108	62.2	52.5	92.5

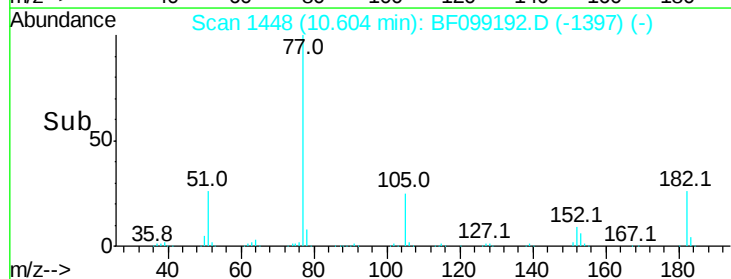
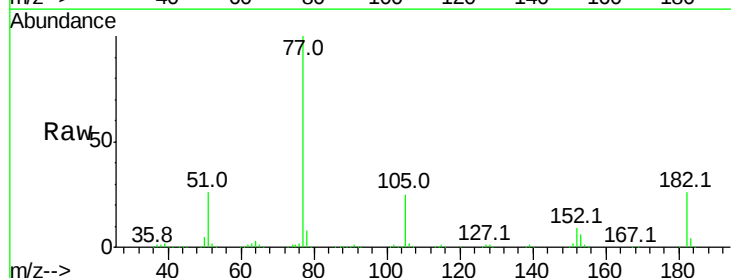
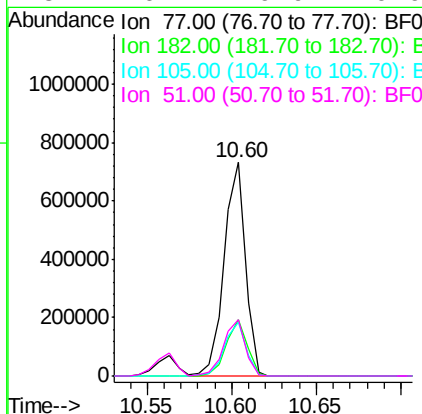
Manual Integrations
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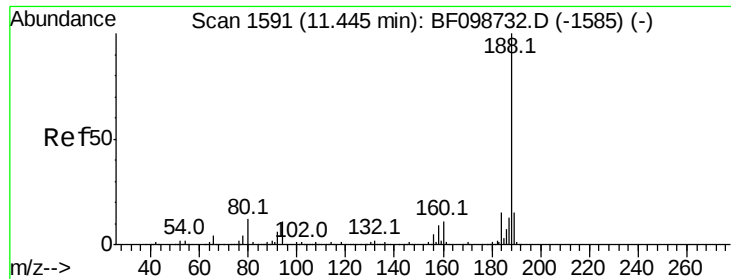
Sohil
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#62
Azobenzene
Concen: 39.273 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	1.7	41.7
105	25.1	3.0	43.0
51	26.4	9.9	49.9





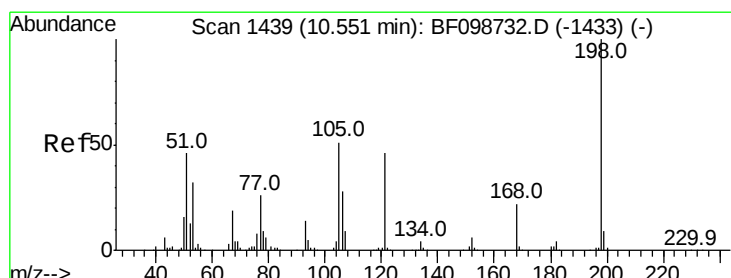
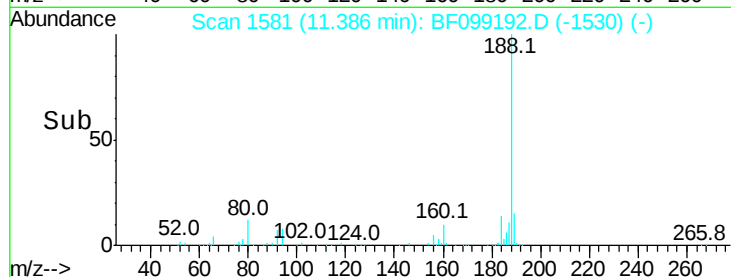
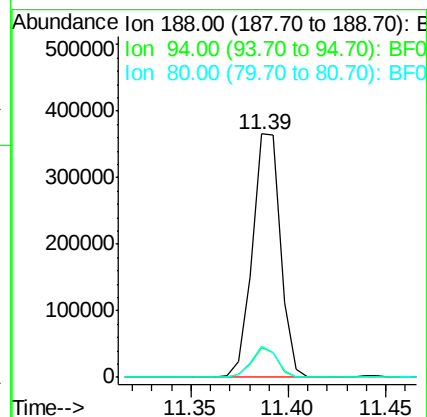
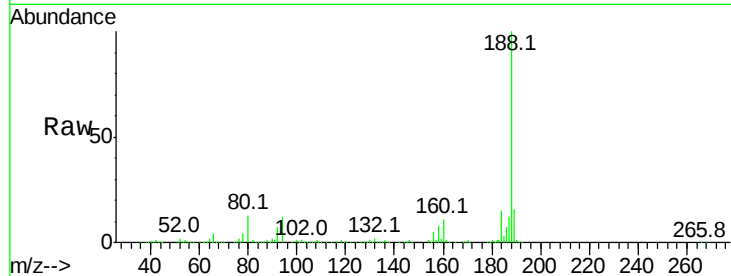
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.1	8.5	12.7
80	12.9	9.2	13.8

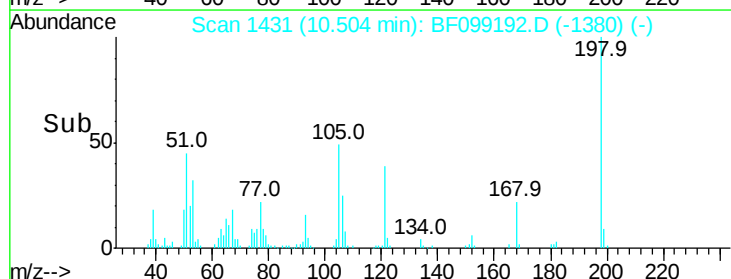
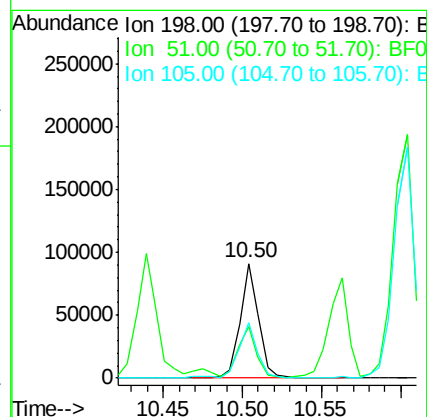
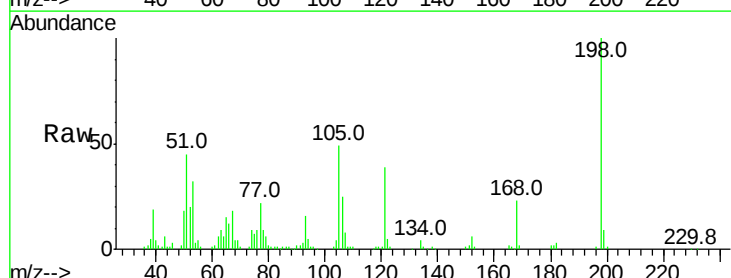
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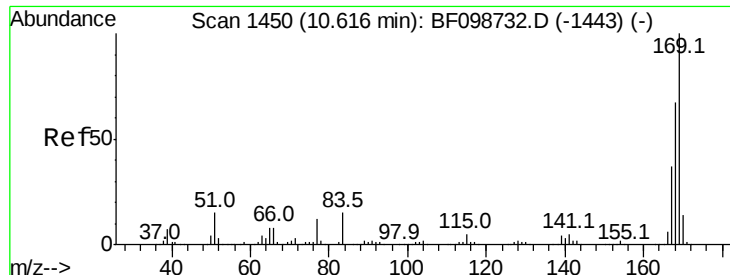
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.090 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	45.0	37.7	77.7
105	48.8	36.3	76.3





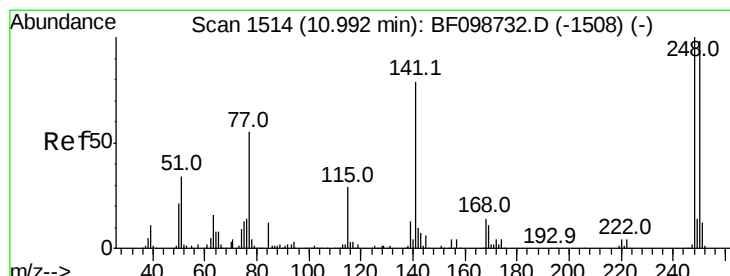
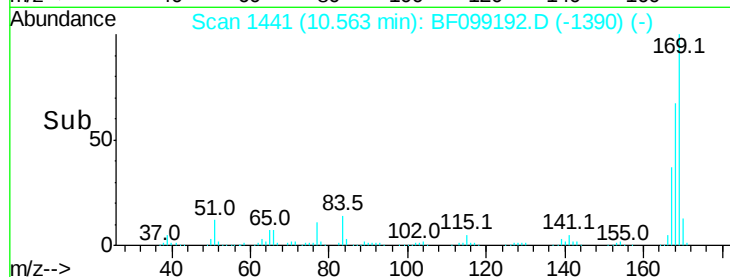
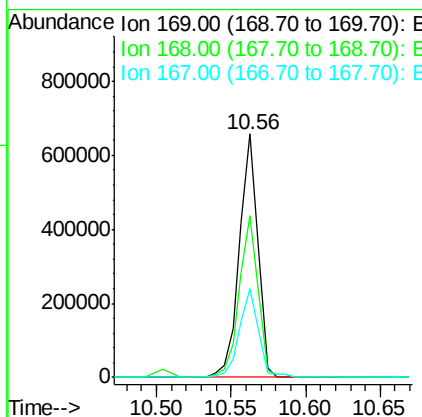
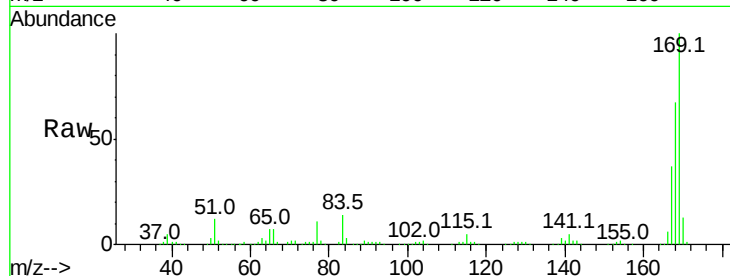
#65
n-Nitrosodiphenylamine
Concen: 45.129 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	570416		
168	66.6		54.4	81.6
167	36.6		29.8	44.6

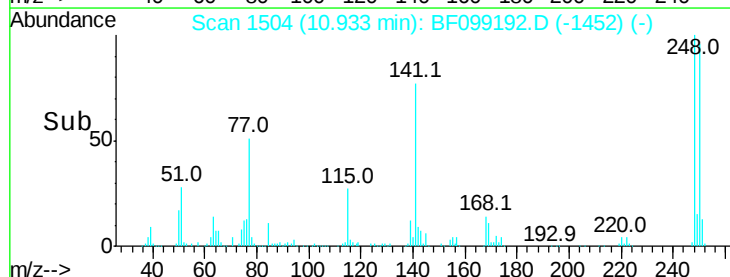
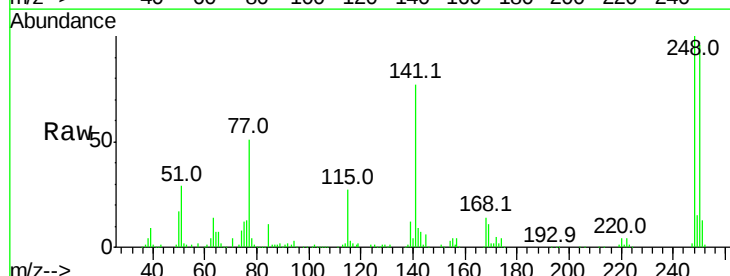
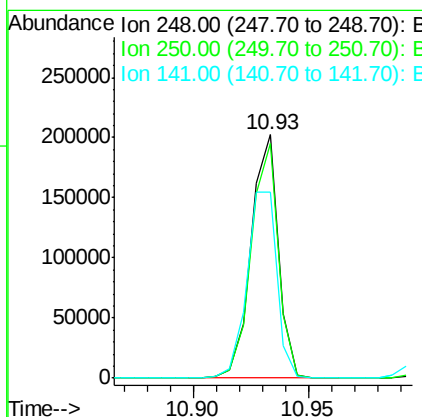
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#66
4-Bromophenyl-phenylether
Concen: 46.968 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	167738		
250	96.4		76.9	115.3
141	76.6		74.4	111.6





#67

Hexachlorobenzene

Concen: 41.961 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

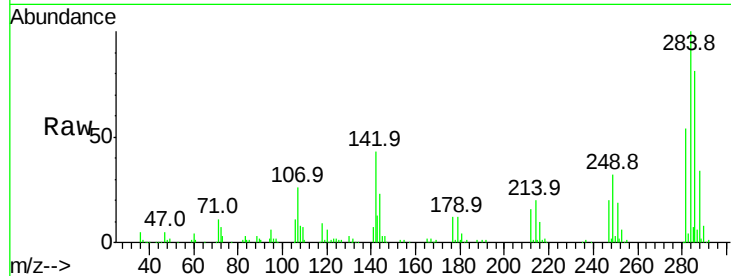
ClientSampleId :

SP-A-100217MSD

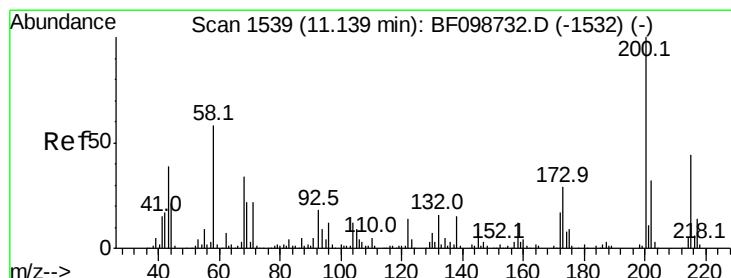
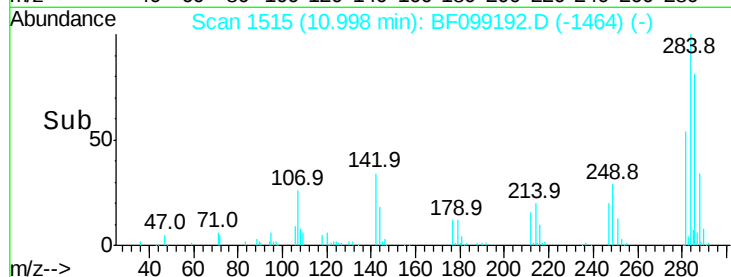
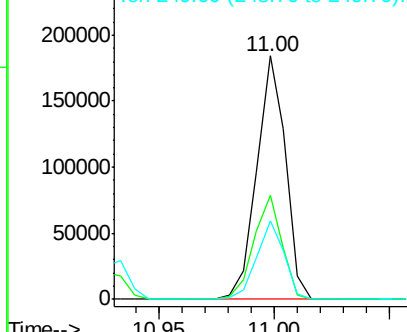
Tot Ion:	284	Resp:	160054
Ion Ratio	Lower	Upper	
284	100		
142	43.0	34.6	52.0
249	32.1	24.8	37.2

Manual Integrations
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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



#68

Atrazine

Concen: 33.709 ng

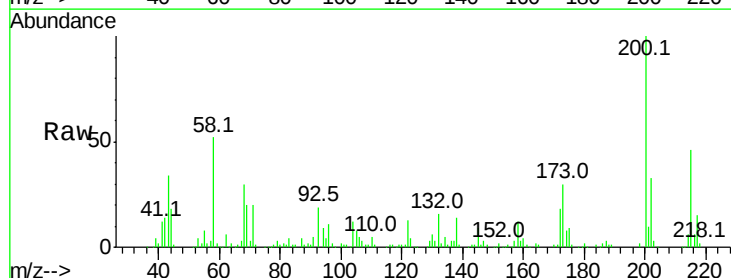
RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

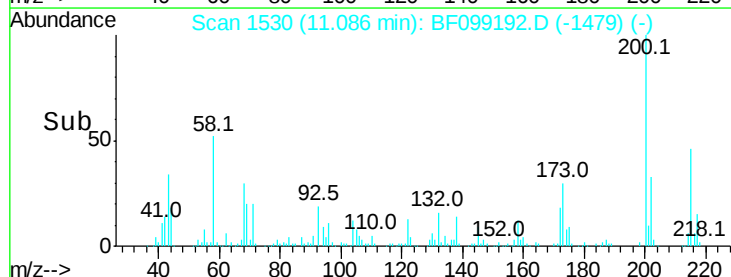
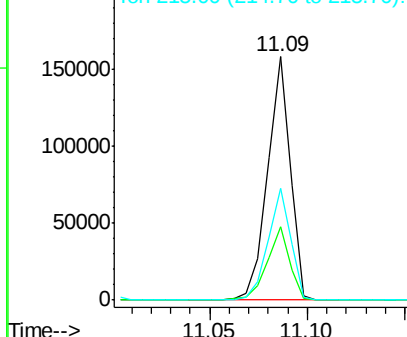
Lab File: BF099192.D

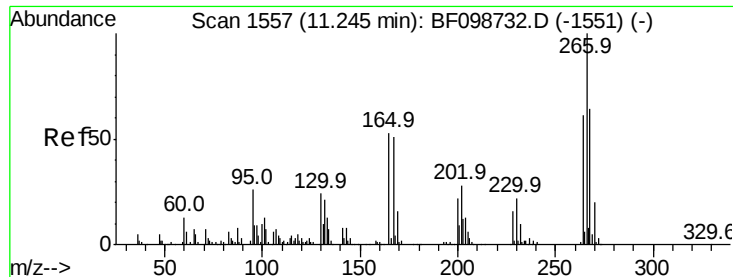
Acq: 7 Oct 2017 14:14

Tgt Ion:	200	Resp:	128190
Ion Ratio	Lower	Upper	
200	100		
173	30.1	8.6	48.6
215	45.7	25.1	65.1



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





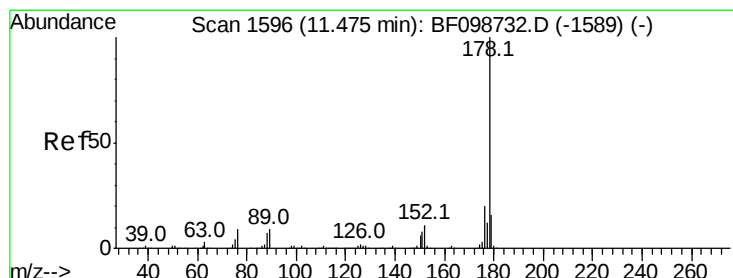
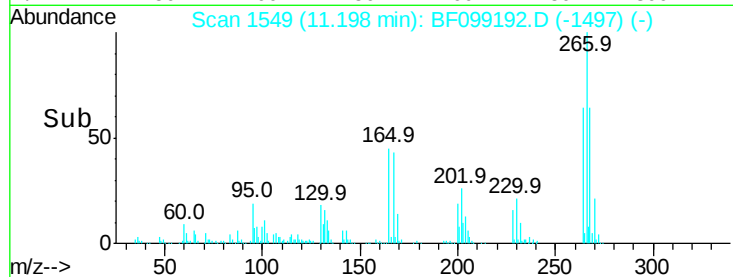
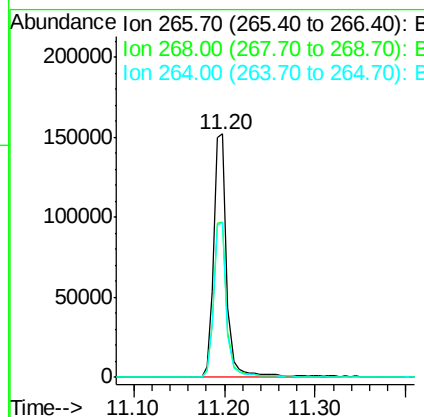
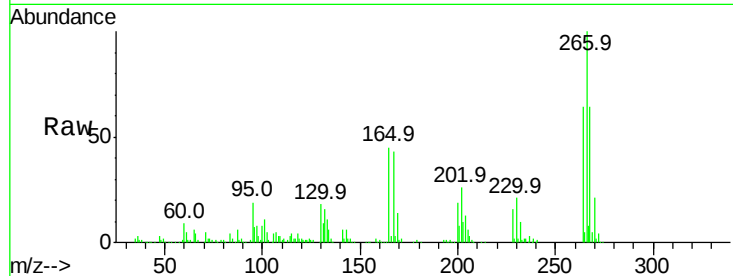
#69
 Pentachlorophenol
 Concen: 66.600 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	158101		
268	63.6	51.1	76.7	
264	63.5	49.5	74.3	

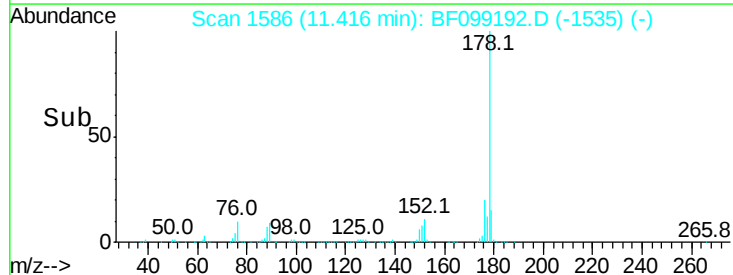
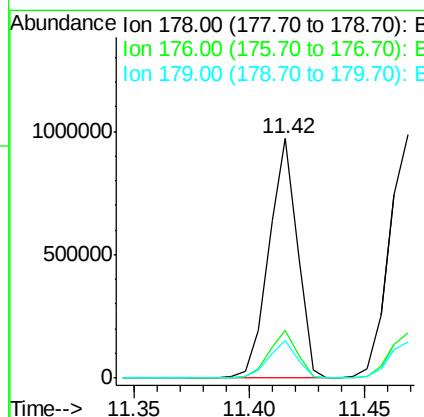
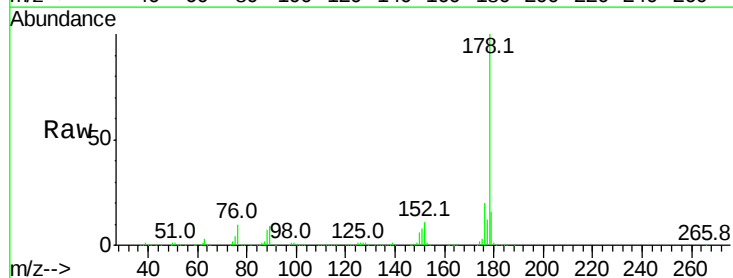
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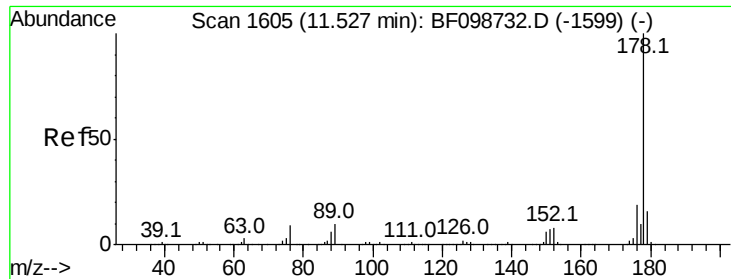
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#70
 Phenanthrene
 Concen: 42.516 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	830323		
176	19.7	15.8	23.8	
179	15.6	13.0	19.6	





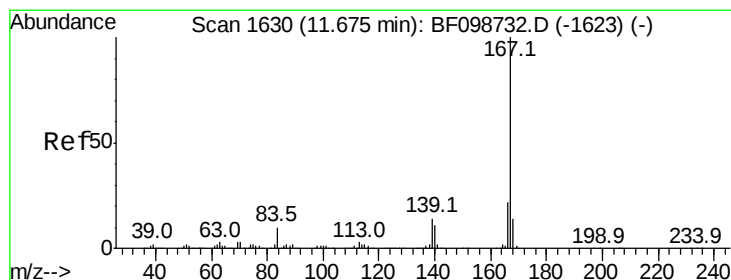
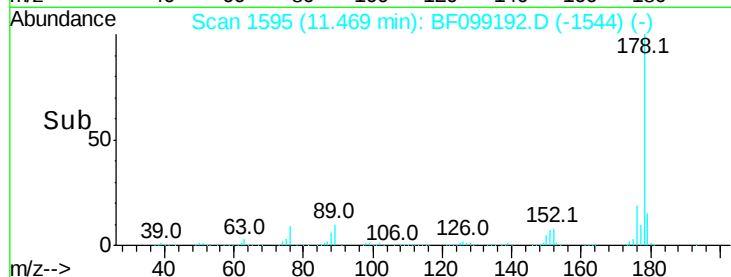
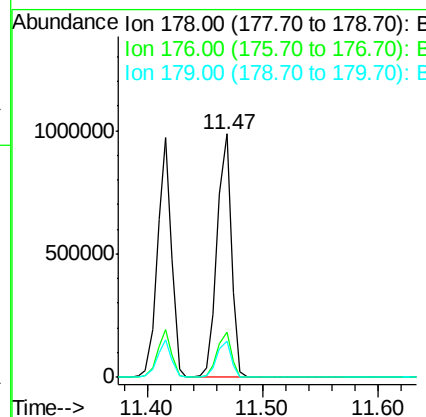
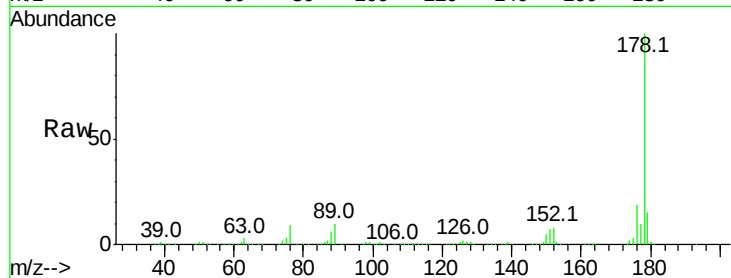
#71
 Anthracene
 Concen: 42.587 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.1	12.6	19.0

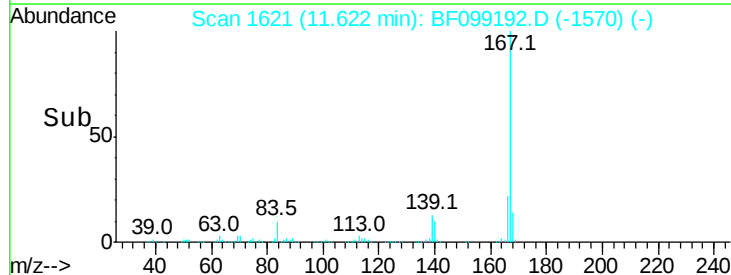
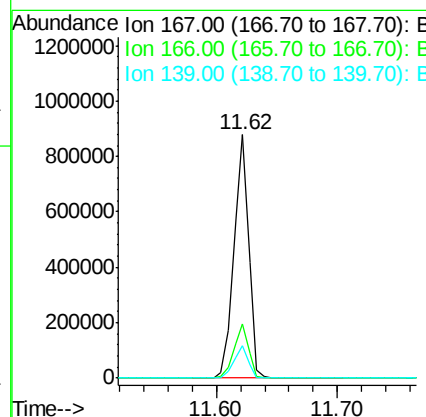
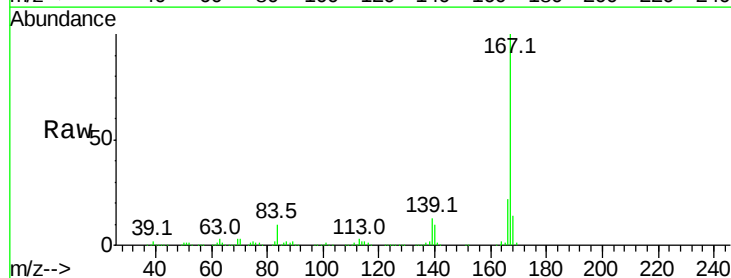
Manual Integrations
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#72
 Carbazole
 Concen: 38.256 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 43.625 ng

RT: 11.95 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

SP-A-100217MSD

Tot Ion:149 Resp: 1027536

Ion Ratio Lower Upper

149 100

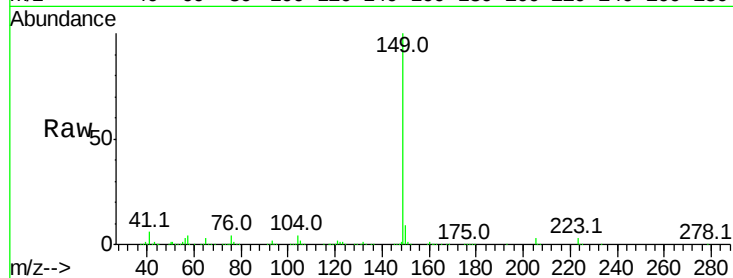
150 9.2 7.8 11.6

104 4.3 3.8 5.8

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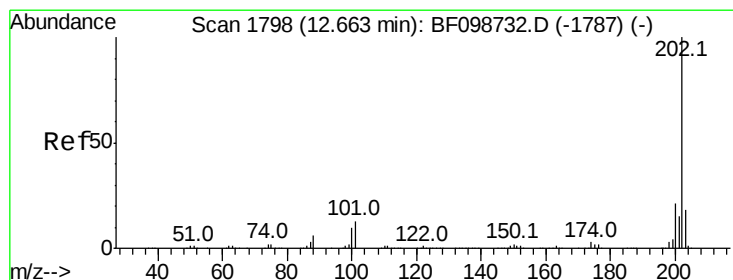
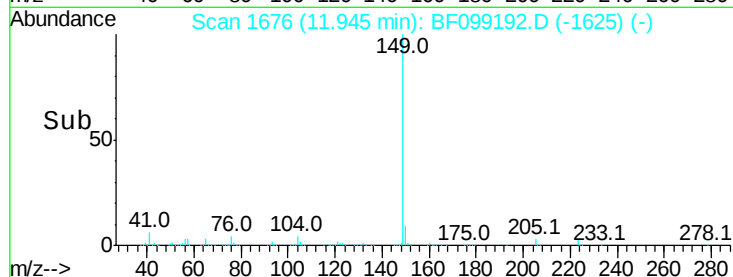
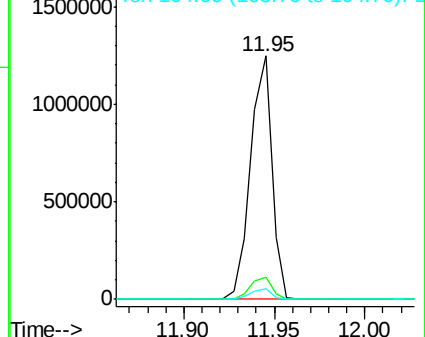
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.433 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

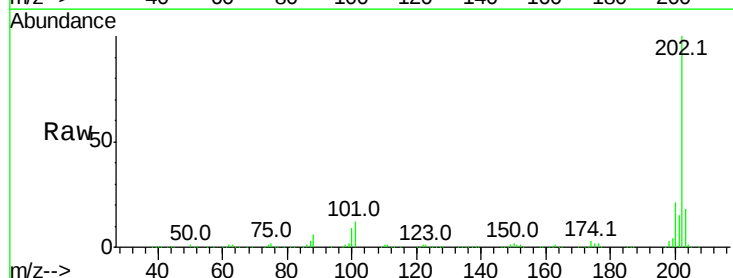
Tgt Ion:202 Resp: 720500

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

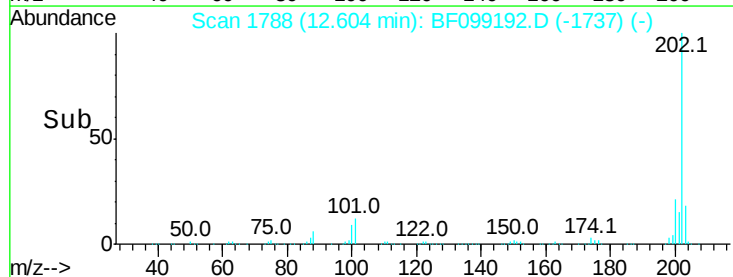
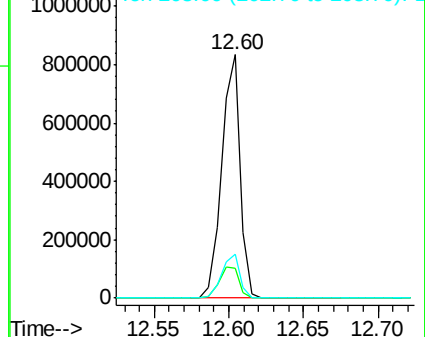
203 17.8 0.0 38.1

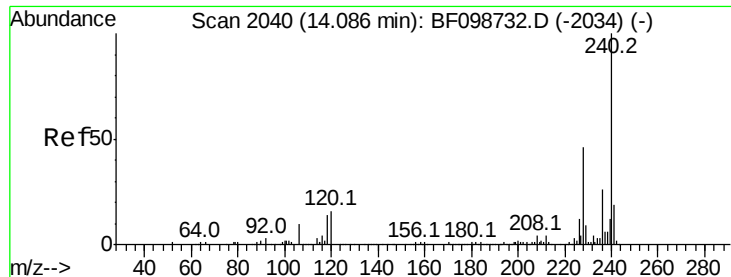


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

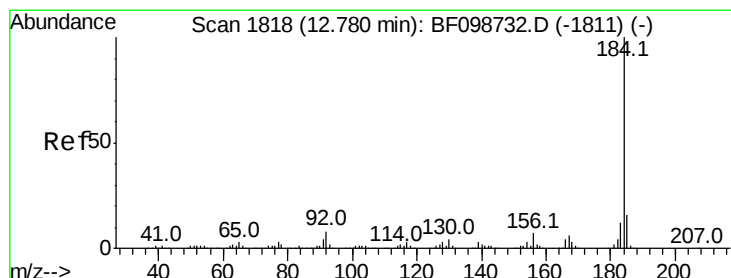
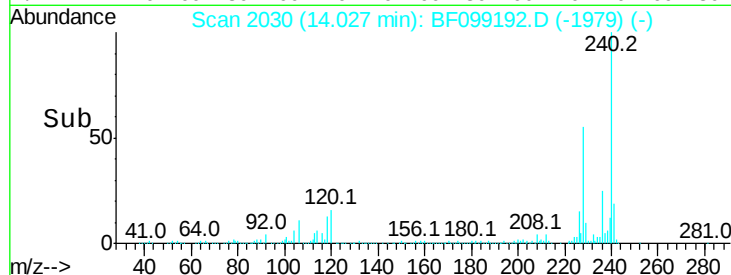
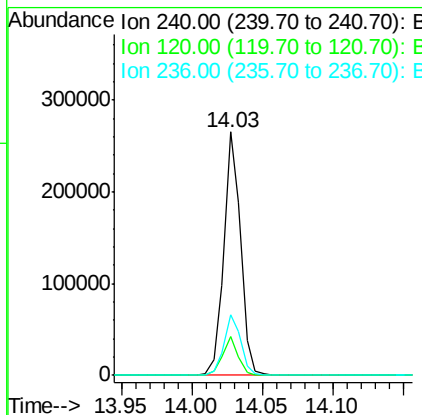
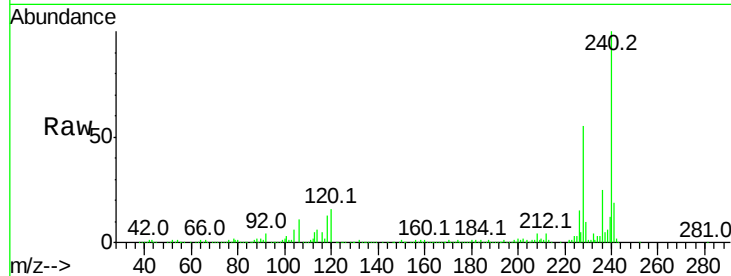
ClientSampleId :

SP-A-100217MSD

Tot Ion:	240	Resp:	218897
Ion Ratio	Lower	Upper	
240	100		
120	16.1	9.5	14.3#
236	24.9	20.7	31.1

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#76

Benzidine

Concen: 2.728 ng

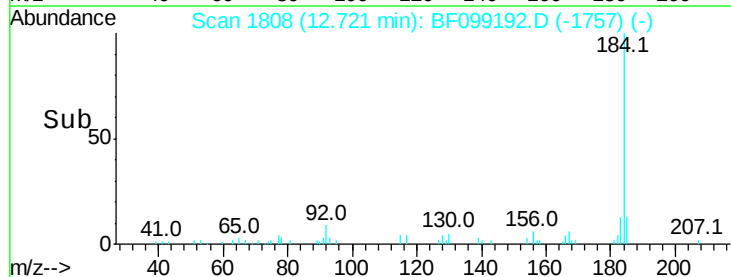
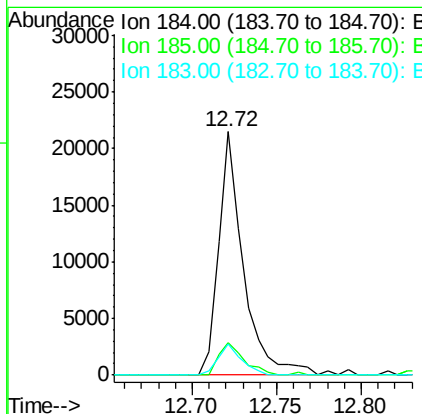
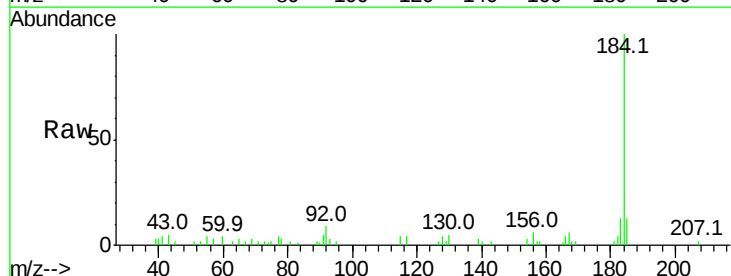
RT: 12.72 min Scan# 1808

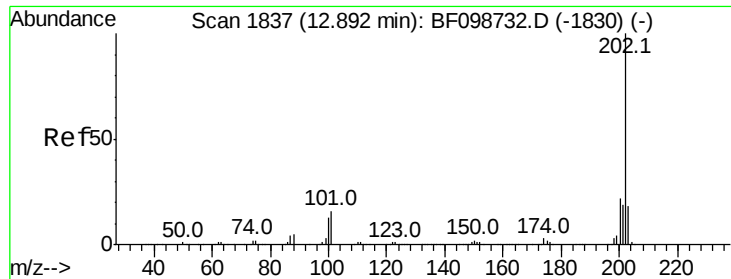
Delta R.T. -0.00 min

Lab File: BF099192.D

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Tgt Ion:	184	Resp:	22086
Ion Ratio	Lower	Upper	
184	100		
185	13.4	12.6	18.8
183	12.9	9.3	13.9





#77

Pvrene

Concen: 43.581 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

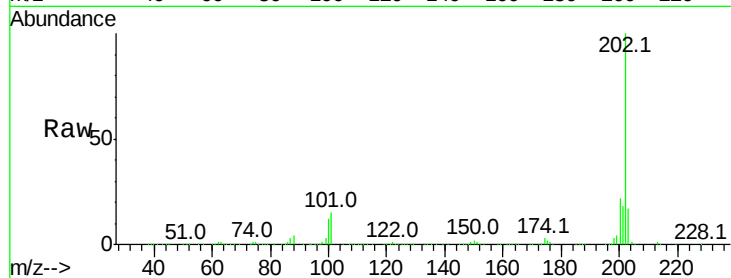
ClientSampleId :

SP-A-100217MSD

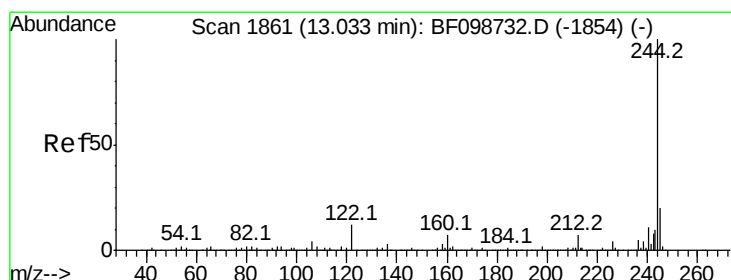
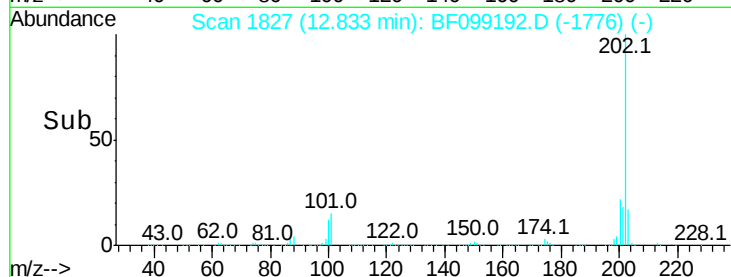
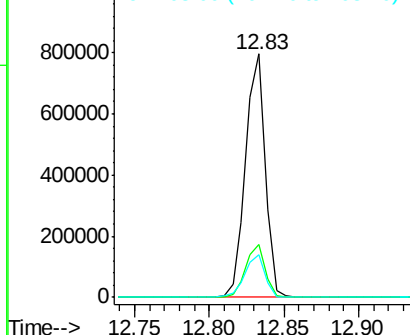
Tot Ion:	202	Resp:	727446
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.5	14.3	21.5

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



#78

Terphenyl-d14

Concen: 94.875 ng

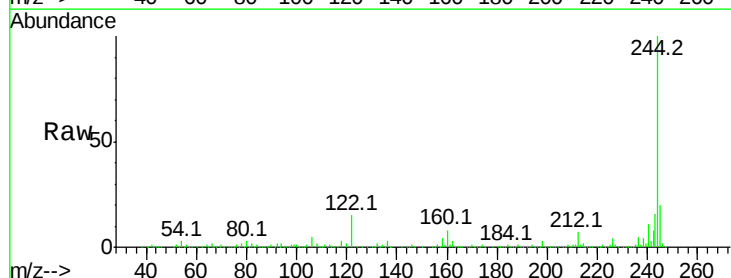
RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

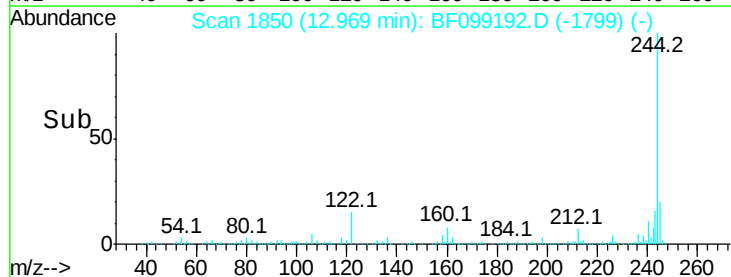
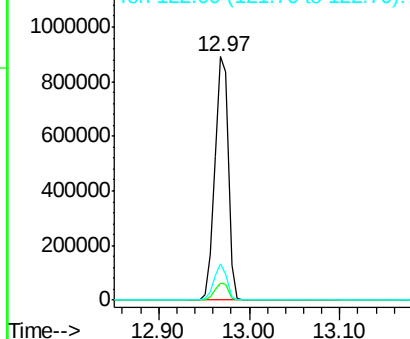
Lab File: BF099192.D

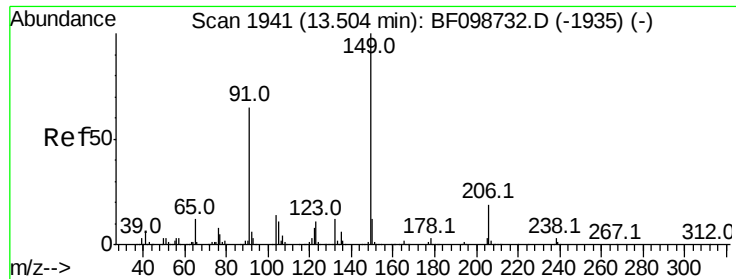
Acq: 7 Oct 2017 14:14

Tgt Ion:	244	Resp:	913191
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	14.7	11.0	16.4



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





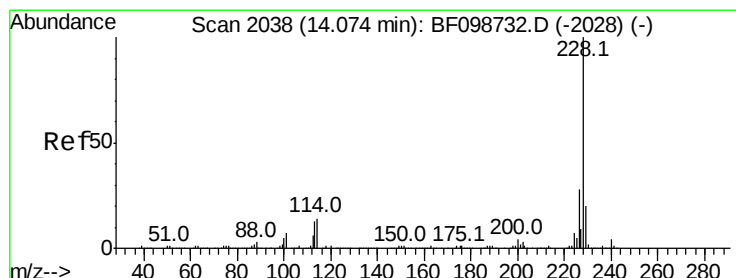
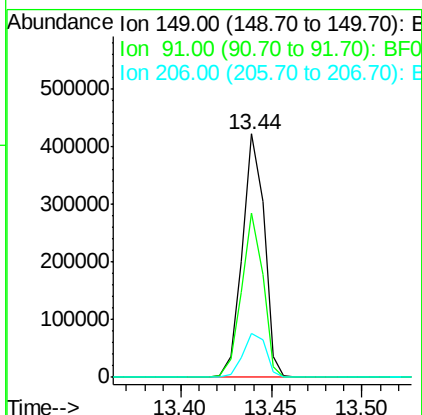
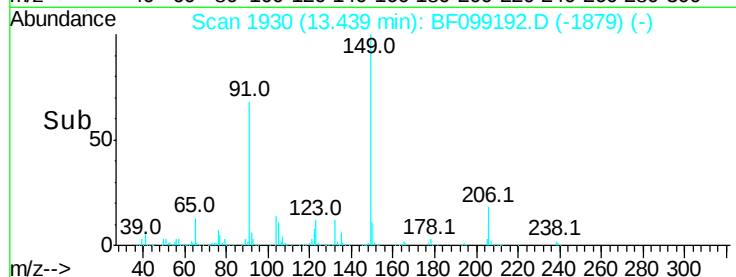
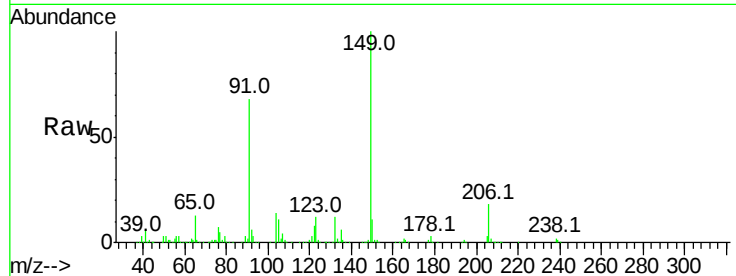
#79
Butylbenzylphthalate
Concen: 45.453 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	356569		
91	67.6	56.8	85.2	
206	17.9	14.1	21.1	

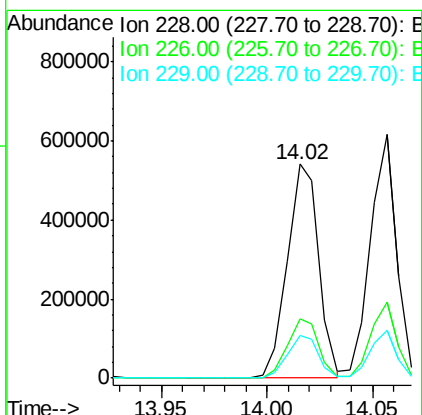
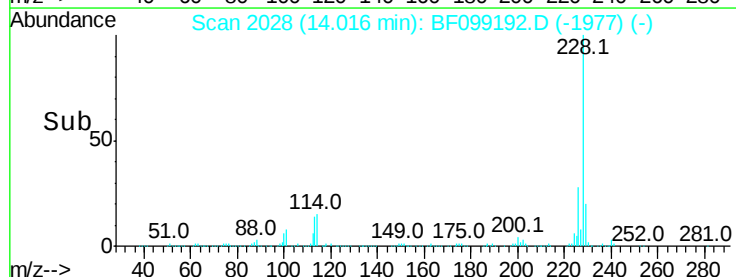
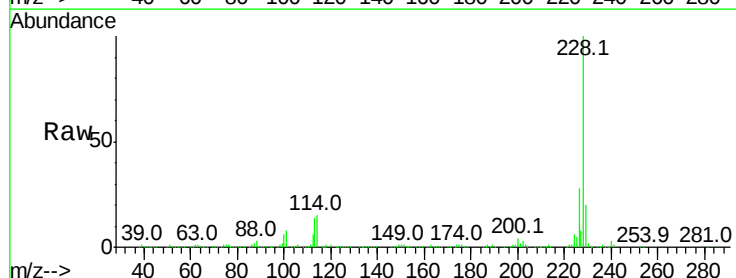
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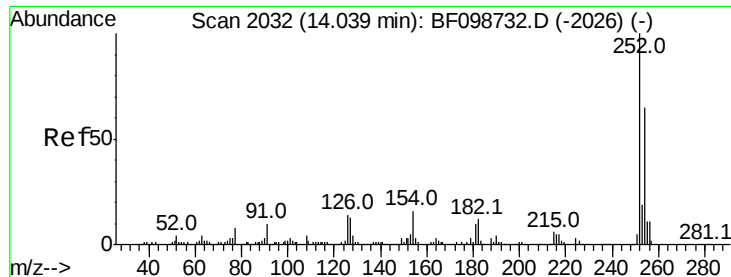
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#80
Benzo(a)anthracene
Concen: 42.203 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	559390		
226	27.6	22.6	33.8	
229	20.1	15.8	23.6	





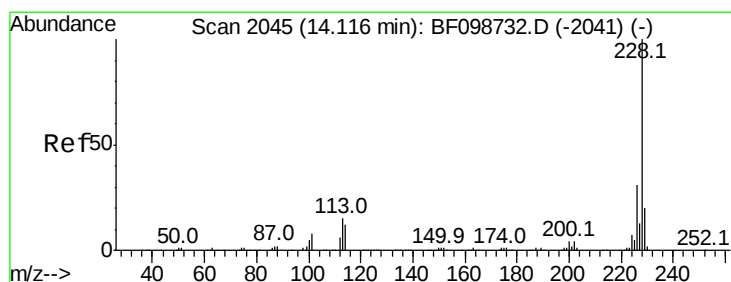
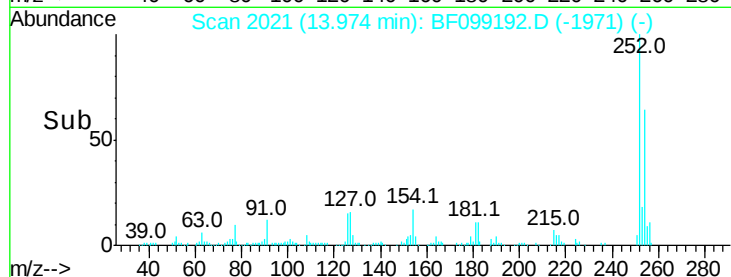
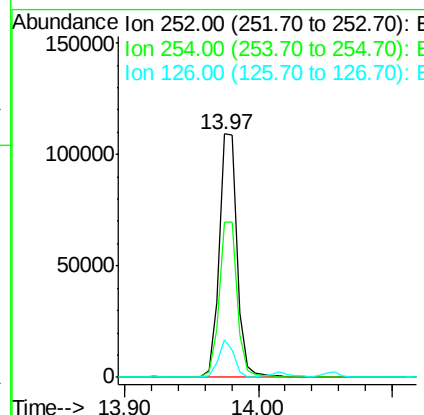
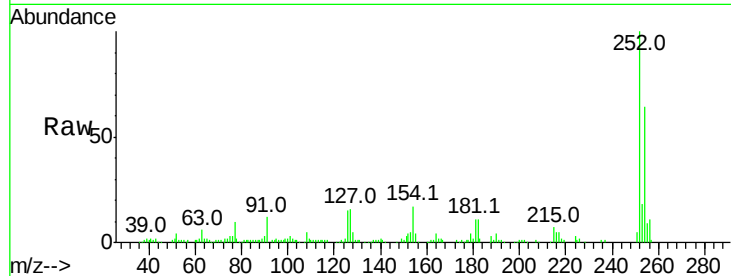
#81
 3,3'-Dichlorobenzidine
 Concen: 21.385 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.6	50.4	75.6
126	15.5	11.3	16.9

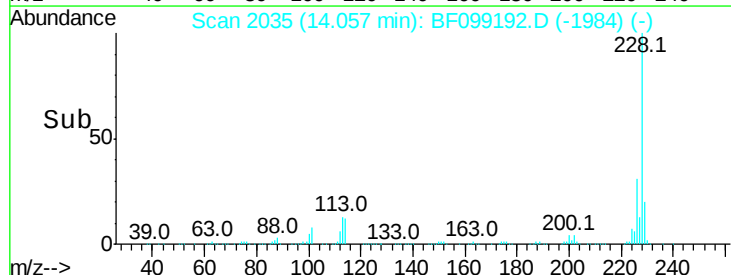
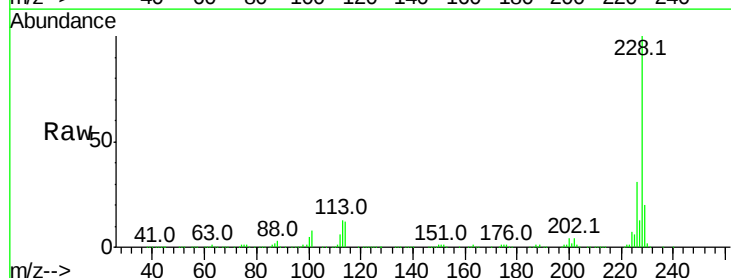
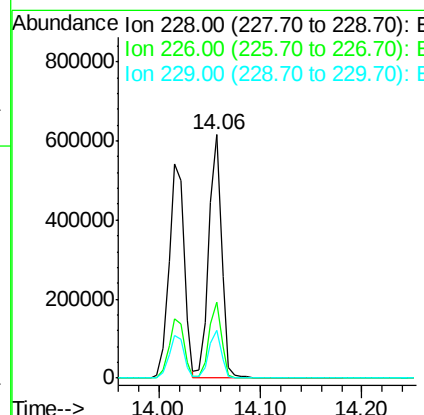
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#82
 Chrysene
 Concen: 42.701 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	25.0	37.6
229	19.6	16.2	24.4





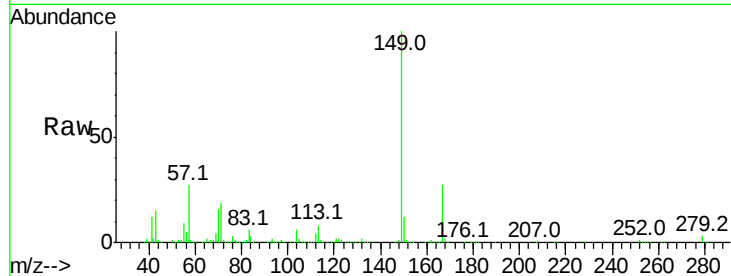
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.918 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

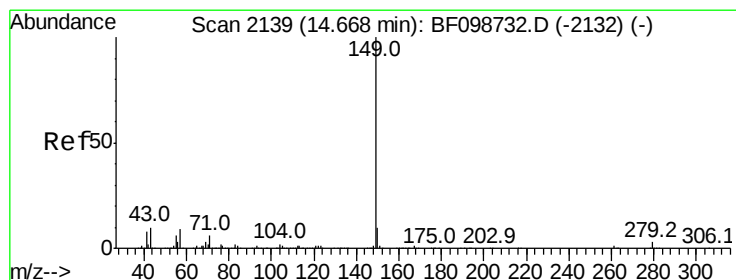
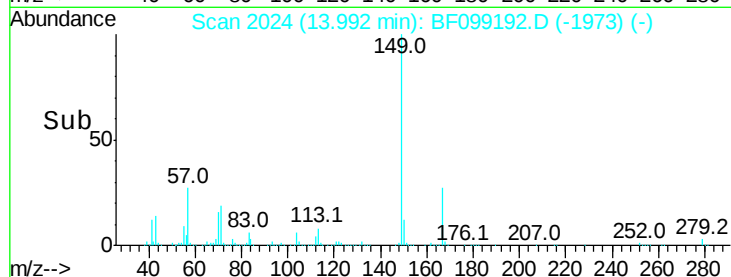
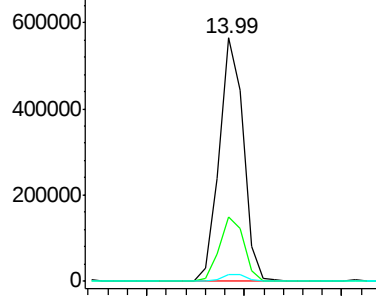
Tot Ion	Ratio	Resp	Lower	Upper
149	100	485197		
167	26.5	21.3	31.9	
279	2.8	3.0	4.4#	

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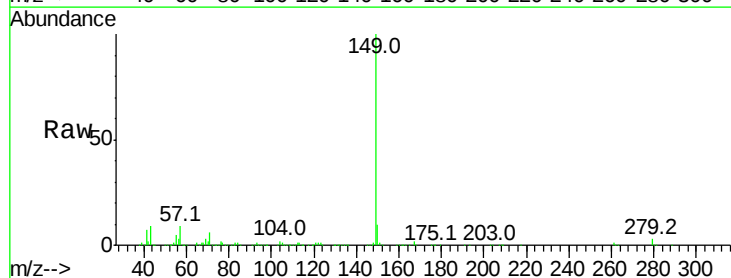


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

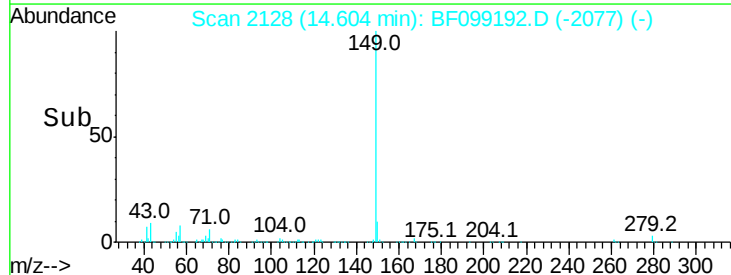
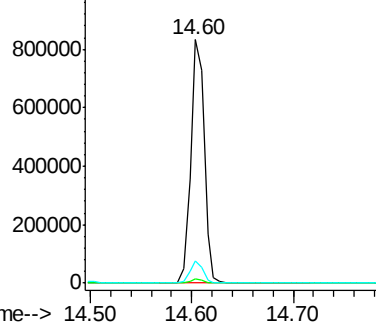


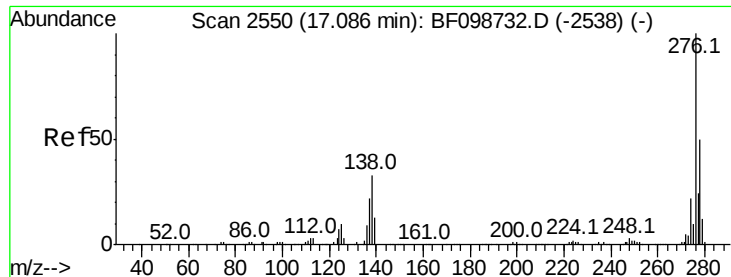
#84
 Di-n-octyl phthalate
 Concen: 44.246 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	769574		
167	1.6	1.2	1.8	
43	8.6	8.4	12.6	



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): BF0





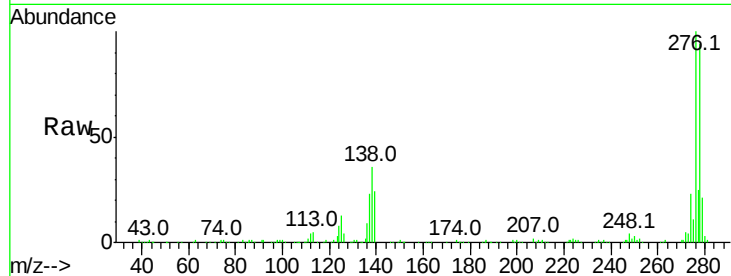
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.638 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.01 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

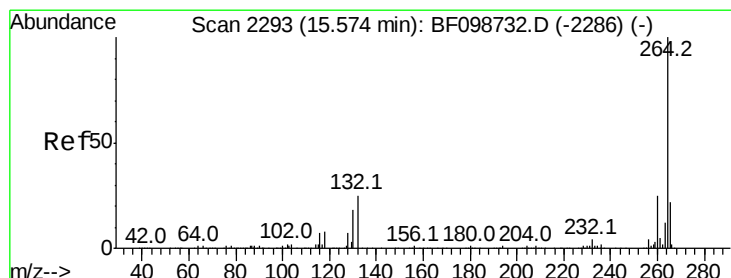
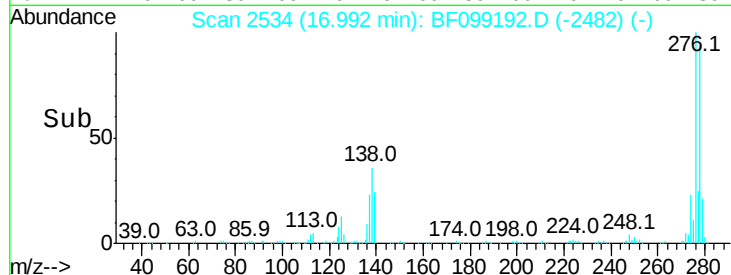
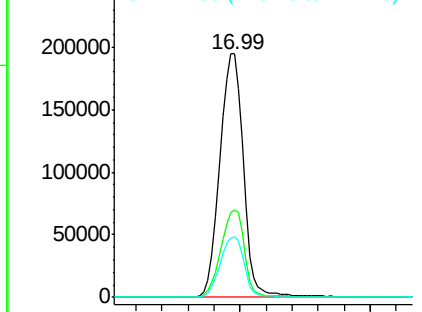
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.6	25.0	37.6
277	25.1	20.1	30.1

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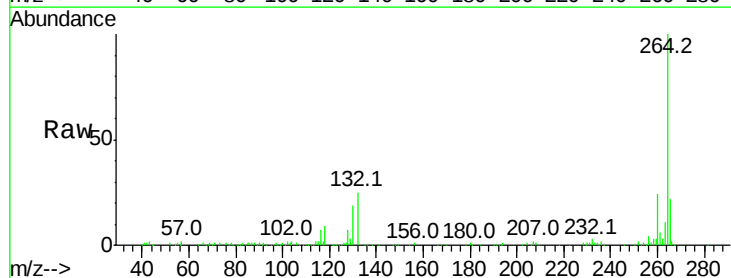


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

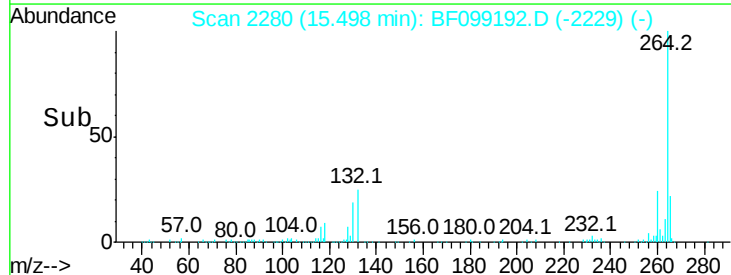
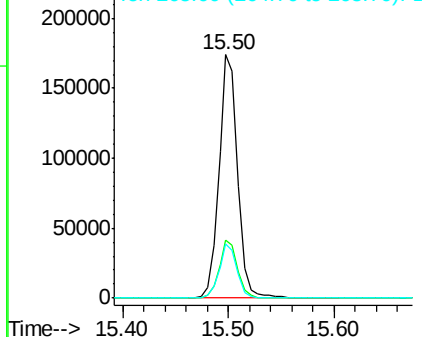


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 42.500 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Instrument :

BNA_F

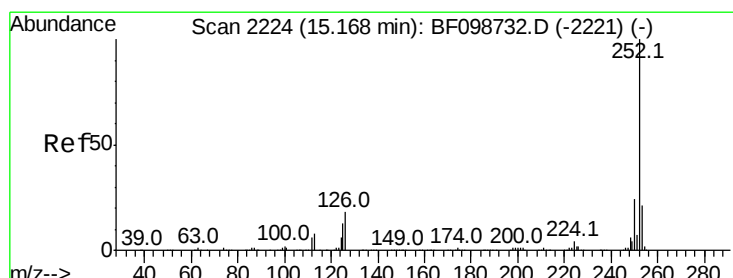
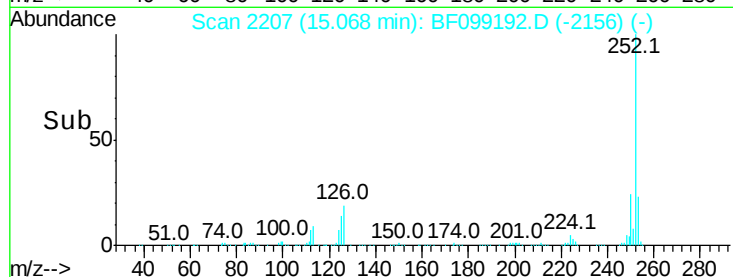
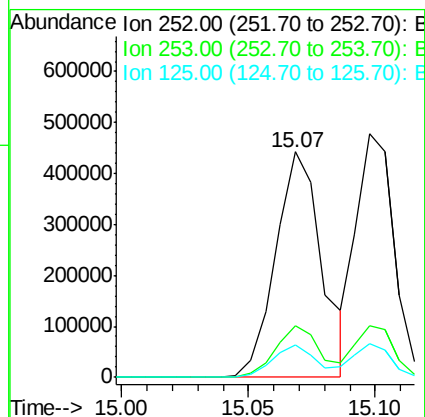
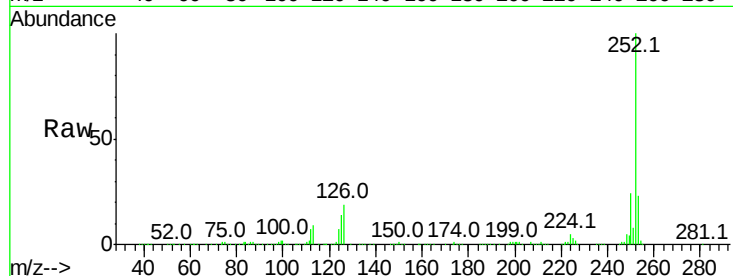
ClientSampleId :

SP-A-100217MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.6	17.0	25.6	
125	14.3	9.0	13.6	

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#88

Benzo(k)fluoranthene

Concen: 38.864 ng

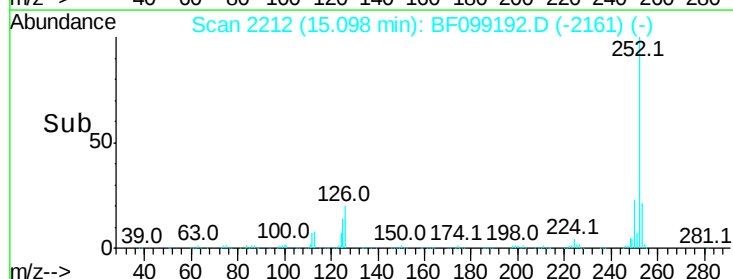
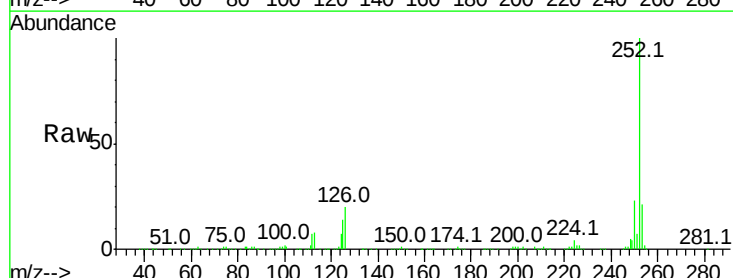
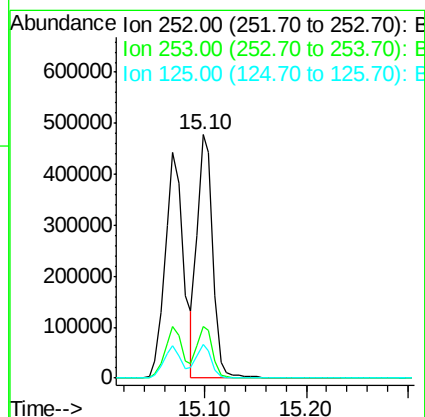
RT: 15.10 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BF099192.D

Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.4	17.9	26.9	
125	13.8	10.2	15.2	





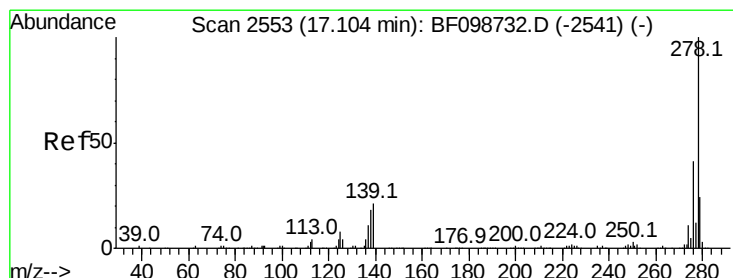
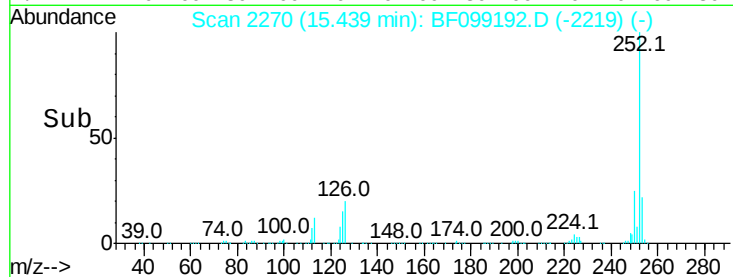
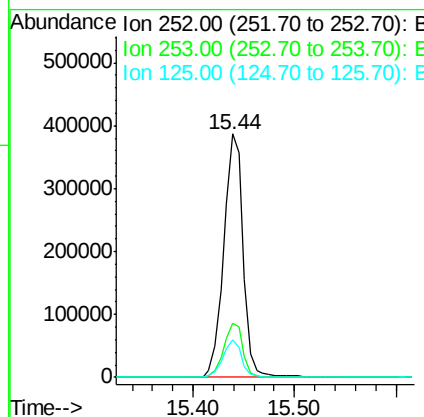
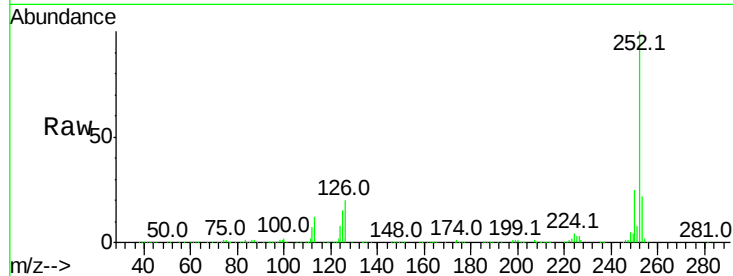
#89
Benzo(a)pyrene
Concen: 42.381 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	15.3	9.8	14.6

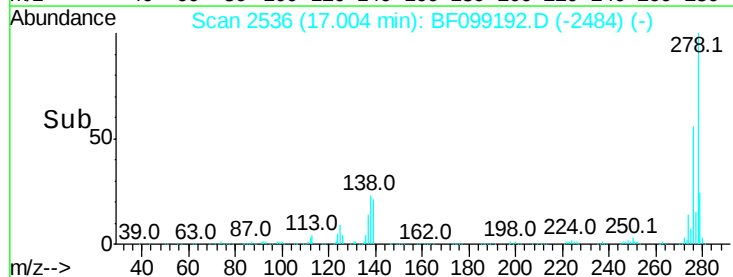
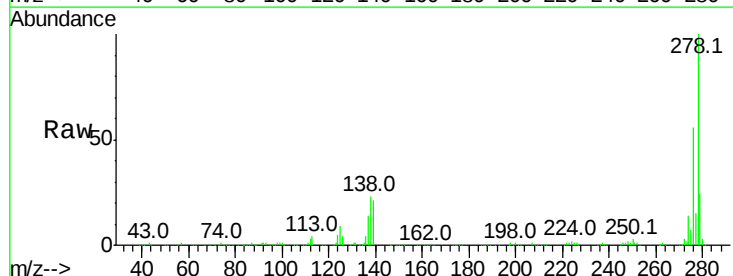
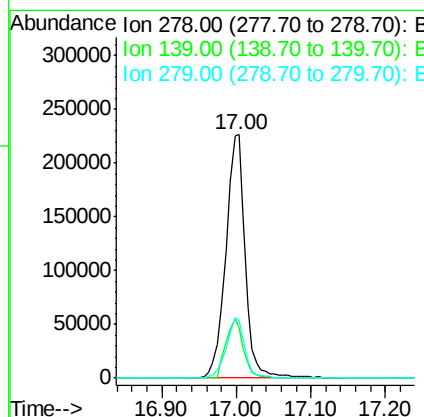
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#90
Dibenzo(a,h)anthracene
Concen: 42.783 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF099192.D
Acq: 7 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.885 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BF099192.D
 Acq: 7 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	31.7	21.8	32.8

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