

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091782.D
 Acq On : 19 Dec 2016 19:30
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 12/20/2016 6:32:42 PM

Quant Time: Dec 20 13:25:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	252102	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	999282	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	528065	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	818640	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	688871	20.00	ng	-0.01
86) Perylene-d12	15.31	264	689102	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1290520	85.76	ng	-0.01
7) Phenol-d6	6.41	99	1538242	83.82	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1567271	90.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	371301	82.92	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2249045	85.56	ng	-0.01
78) Terphenyl-d14	12.86	244	2020065	74.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	353626m	47.72	ng	
3) Pyridine	2.99	79	1105038	46.29	ng	97
4) n-Nitrosodimethylamine	2.96	42	402907	43.61	ng	98
6) Aniline	6.42	93	973512	41.23	ng	93
8) 2-Chlorophenol	6.54	128	682370	41.20	ng	99
9) Benzaldehyde	6.30	77	476463	46.49	ng	99
10) Phenol	6.42	94	890273	43.04	ng	99
11) bis(2-Chloroethyl)ether	6.50	93	645946	39.10	ng	100
12) 1,3-Dichlorobenzene	6.70	146	731222	40.20	ng	99
13) 1,4-Dichlorobenzene	6.77	146	727394	39.52	ng	99
14) 1,2-Dichlorobenzene	6.93	146	713987	44.29	ng	99
15) Benzyl Alcohol	6.91	79	598682	42.14	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1001349	39.67	ng	99
17) 2-Methylphenol	7.02	107	570417	41.21	ng	99
18) Hexachloroethane	7.28	117	287783	42.09	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	462942	37.92	ng	98
20) 3+4-Methylphenols	7.18	107	668961	43.33	ng	92
22) Acetophenone	7.17	105	975579	40.43	ng	99
24) Nitrobenzene	7.34	77	690397	37.10	ng	100
25) Isophorone	7.60	82	1338497	40.49	ng	99
26) 2-Nitrophenol	7.66	139	389785	43.42	ng	97
27) 2,4-Dimethylphenol	7.71	122	601690	41.09	ng	100
28) bis(2-Chloroethoxy)methane	7.80	93	745249	38.53	ng	99
29) 2,4-Dichlorophenol	7.90	162	529898	39.23	ng	87
30) 1,2,4-Trichlorobenzene	8.00	180	596632	40.76	ng	100
31) Naphthalene	8.06	128	1871676	39.20	ng	100
32) Benzoic acid	7.85	122	443433	42.49	ng	97
33) 4-Chloroaniline	8.12	127	865266	43.03	ng	99
34) Hexachlorobutadiene	8.19	225	329290	40.01	ng	99
35) Caprolactam	8.50	113	170313	39.19	ng	# 65
36) 4-Chloro-3-methylphenol	8.61	107	638616	42.86	ng	96
37) 2-Methylnaphthalene	8.76	142	1267403	42.11	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	514481	39.09	ng	99
40) Hexachlorocyclopentadiene	8.91	237	204131	36.59	ng	96

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 SSTDC040

Manual Integrations
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 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	382456	40.67	nq	99
43) 2,4,5-Trichlorophenol	9.08	196	371314	40.19	nq	99
45) 1,1'-Biphenyl	9.23	154	1564901	41.35	nq	98
46) 2-Chloronaphthalene	9.25	162	1184730	41.89	nq	96
47) 2-Nitroaniline	9.34	65	380439	39.39	nq	100
48) Acenaphthylene	9.66	152	1876777	42.82	nq	99
49) Dimethylphthalate	9.53	163	1338030	38.79	nq	98
50) 2,6-Dinitrotoluene	9.60	165	306258	40.49	nq	# 77
51) Acenaphthene	9.84	154	1299355	43.20	nq	99
52) 3-Nitroaniline	9.76	138	336849	35.77	nq	99
53) 2,4-Dinitrophenol	9.87	184	160793	39.36	nq	97
54) Dibenzofuran	10.01	168	1601473	44.78	nq	97
55) 4-Nitrophenol	9.93	139	284811	43.55	nq	94
56) 2,4-Dinitrotoluene	10.00	165	434190	45.96	nq	88
57) Fluorene	10.35	166	1266544	45.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	292016	38.23	nq	99
59) Diethylphthalate	10.22	149	1245481	36.73	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	494514	39.08	nq	98
61) 4-Nitroaniline	10.37	138	402642	45.13	nq	97
62) Azobenzene	10.50	77	1413012	39.17	nq	98
64) 4,6-Dinitro-2-methylphenol	10.41	198	230211	42.64	nq	82
65) n-Nitrosodiphenylamine	10.46	169	1121947	44.14	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	370300	43.14	nq	# 87
67) Hexachlorobenzene	10.90	284	391974	43.57	nq	# 85
68) Atrazine	10.99	200	323014	42.05	nq	97
69) Pentachlorophenol	11.09	266	219896	45.30	nq	98
70) Phenanthrene	11.30	178	1742544	42.60	nq	99
71) Anthracene	11.36	178	1865011	43.05	nq	99
72) Carbazole	11.52	167	1800391m	47.52	nq	
73) Di-n-butylphthalate	11.85	149	1925521	39.64	nq	99
74) Fluoranthene	12.49	202	1872197	43.82	nq	98
76) Benzidine	12.61	184	847389	42.73	nq	98
77) Pyrene	12.72	202	2010161	40.41	nq	99
79) Butylbenzylphthalate	13.35	149	903364	38.80	nq	# 77
80) Benzo(a)anthracene	13.91	228	1530871	38.85	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	662884	42.04	nq	# 96
82) Chrysene	13.94	228	1547871	37.90	nq	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	1057895	35.82	nq	# 97
84) Di-n-octyl phthalate	14.51	149	1918383	35.25	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.66	276	1587445	39.53	nq	99
87) Benzo(b)fluoranthene	14.92	252	1930053m	44.17	nq	
88) Benzo(k)fluoranthene	14.95	252	1163864m	37.96	nq	
89) Benzo(a)pyrene	15.25	252	1528651	40.76	nq	99
90) Dibenzo(a,h)anthracene	16.67	278	1325724	40.55	nq	99
91) Benzo(g,h,i)perylene	17.06	276	1375282	41.39	nq	# 96

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

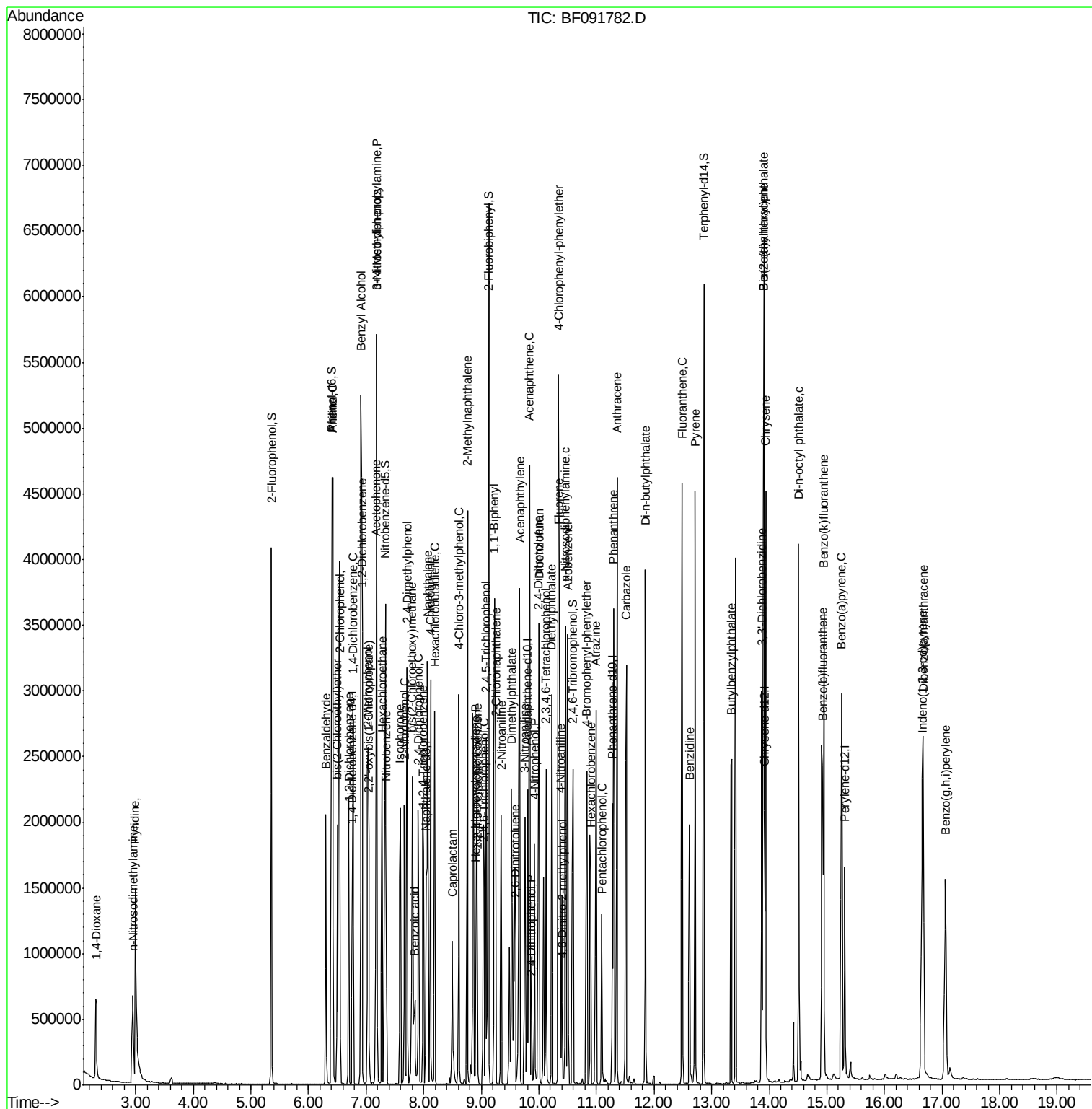
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
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Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

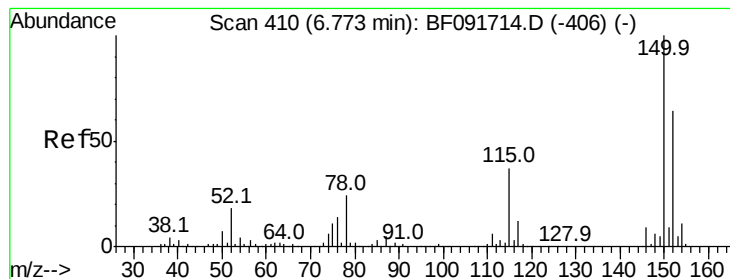
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

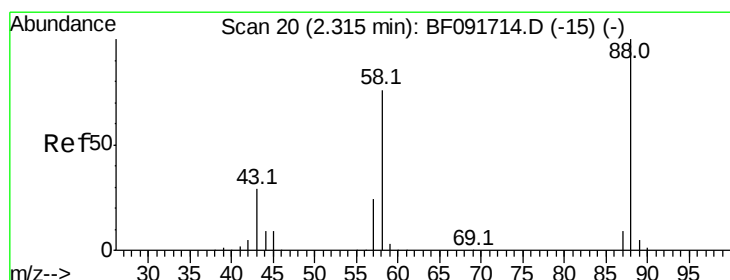
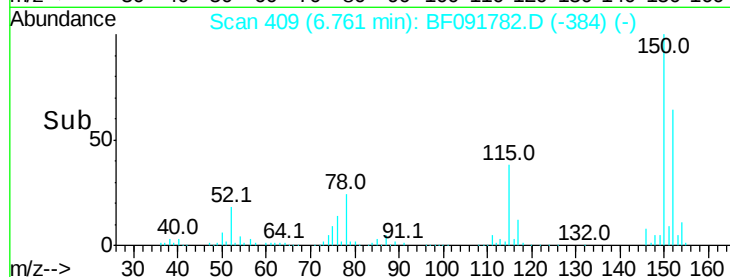
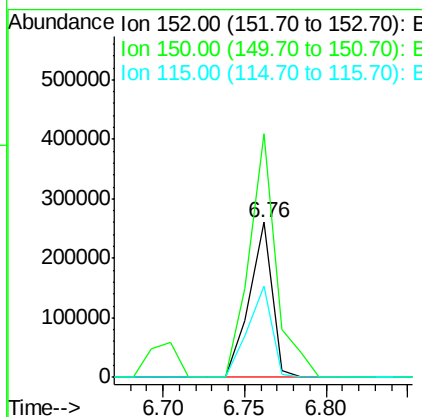
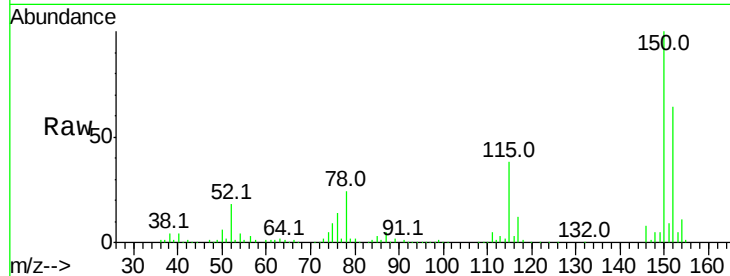
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.9	187.3
115	59.3	46.0	69.0

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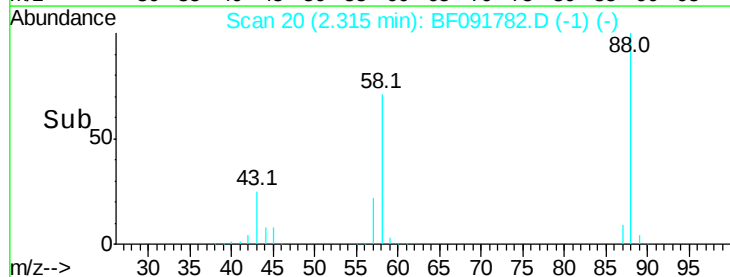
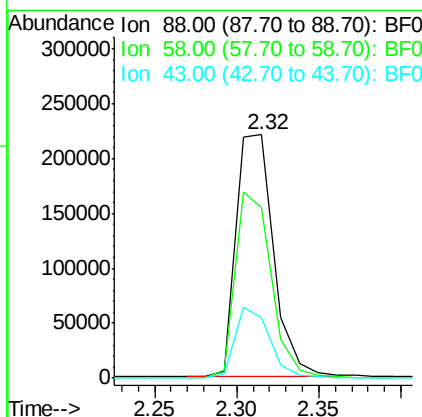
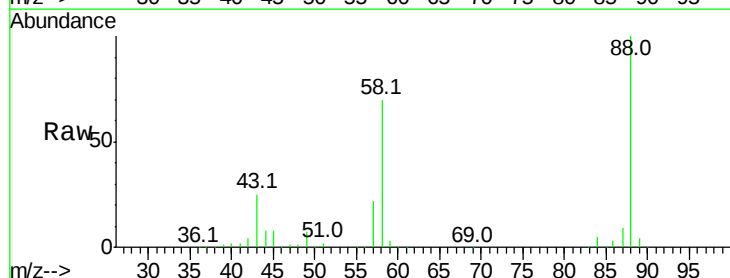
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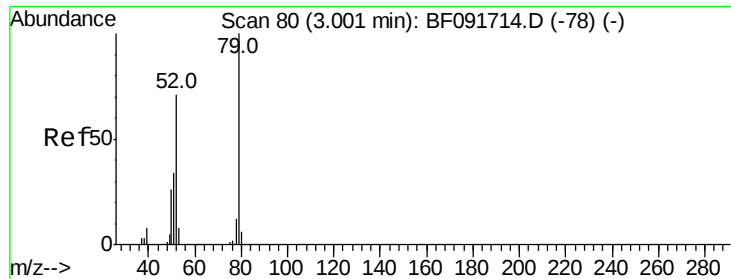


#2

1,4-Dioxane
Concen: 47.72 ng m
RT: 2.32 min Scan# 20
Delta R.T. 0.00 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	57.8	86.8
43	27.6	22.3	33.5





#3

Pvridine

Concen: 46.29 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1105038

Ion Ratio Lower Upper

79 100

52 68.1 57.1 85.7

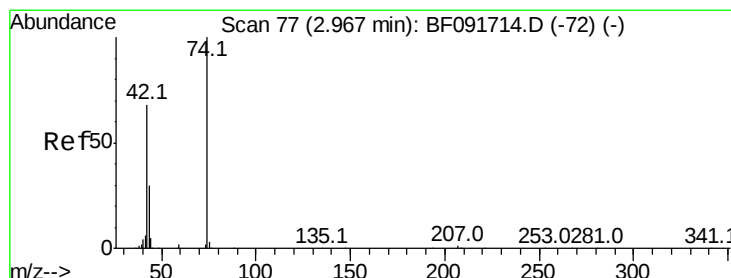
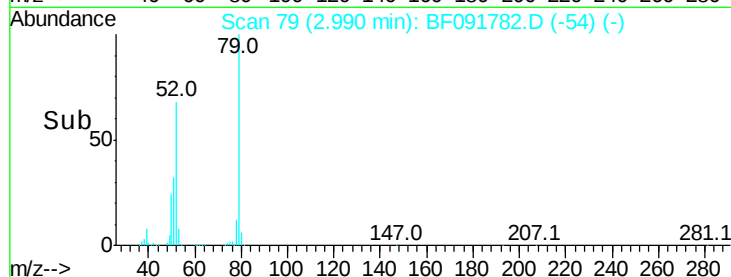
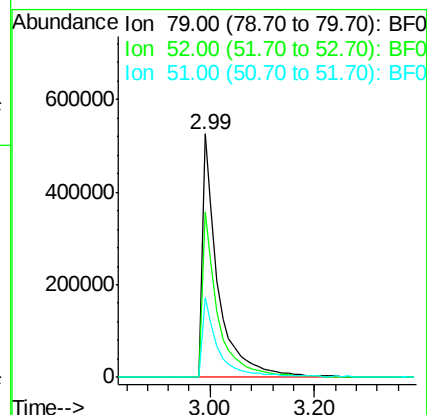
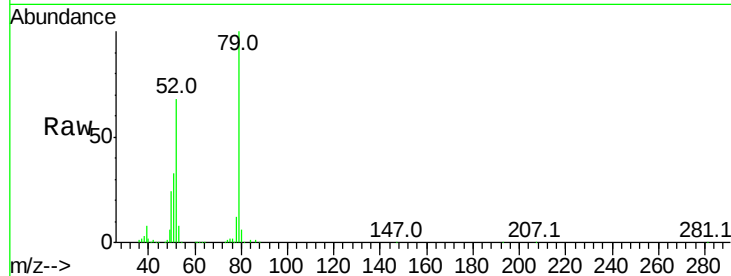
51 32.9 27.3 40.9

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#4

n-Nitrosodimethylamine

Concen: 43.61 ng

RT: 2.96 min Scan# 76

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

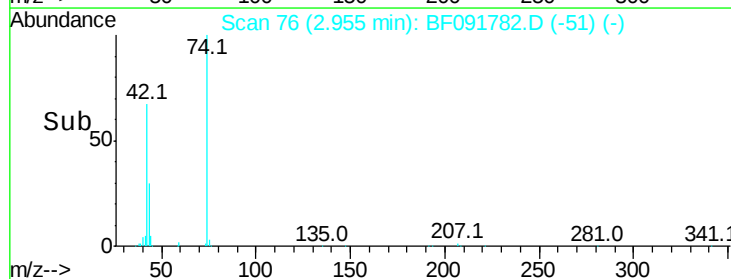
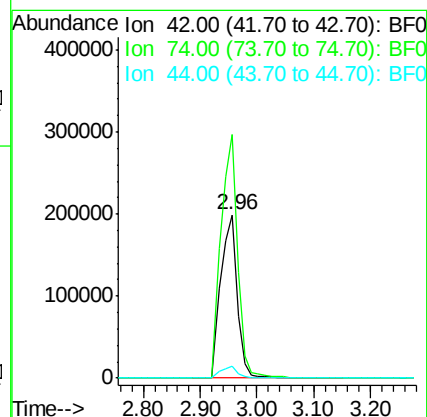
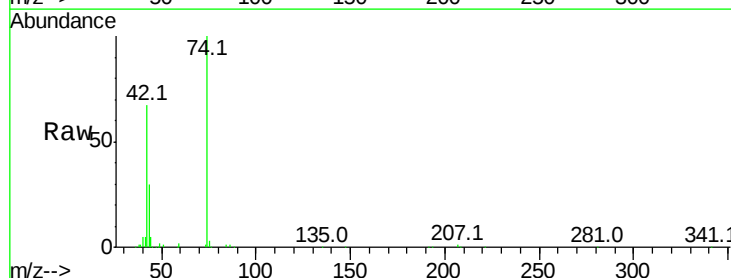
Tgt Ion: 42 Resp: 402907

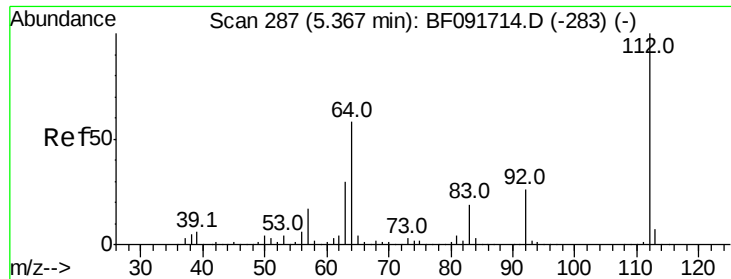
Ion Ratio Lower Upper

42 100

74 149.4 117.0 175.4

44 7.1 5.5 8.3





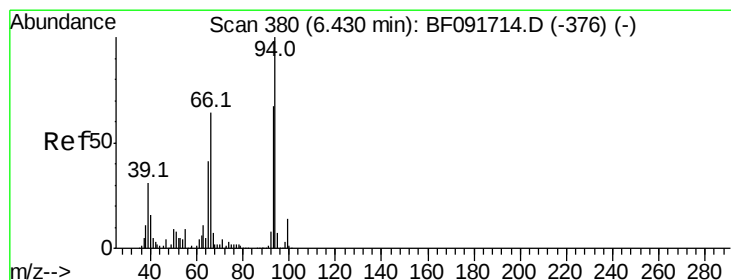
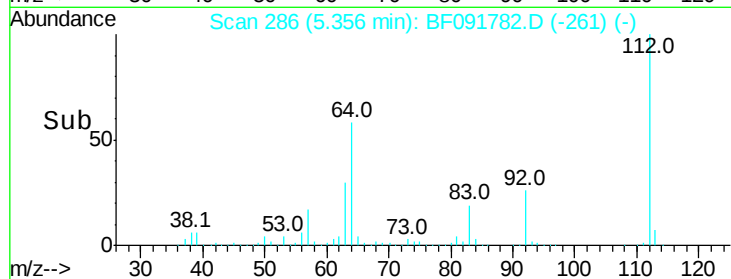
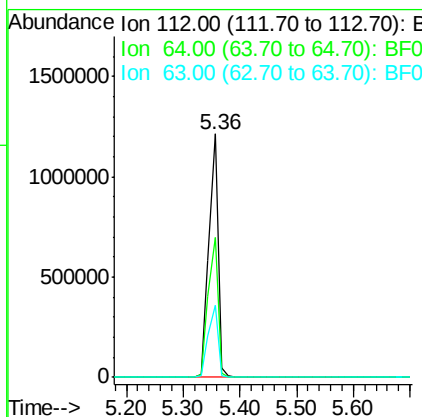
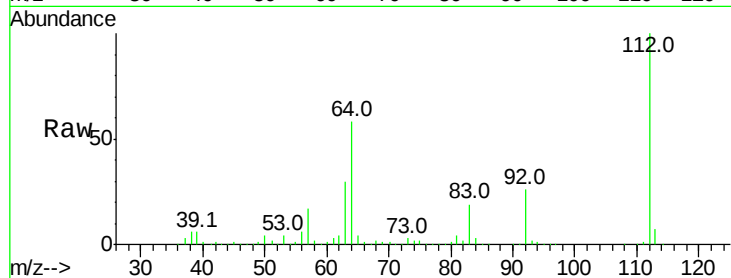
#5
2-Fluorophenol
Concen: 85.76 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 112 Resp: 1290520
Ion Ratio Lower Upper
112 100
64 57.7 46.1 69.1
63 29.6 23.8 35.6

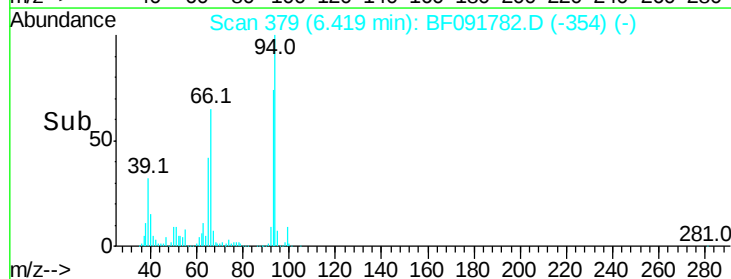
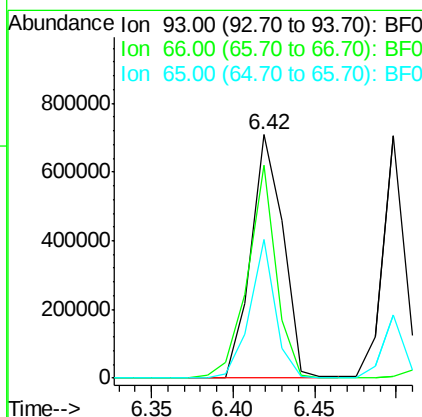
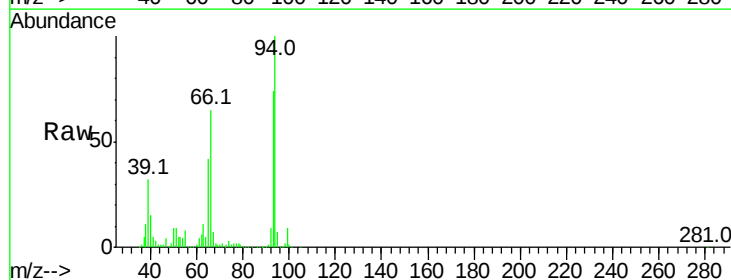
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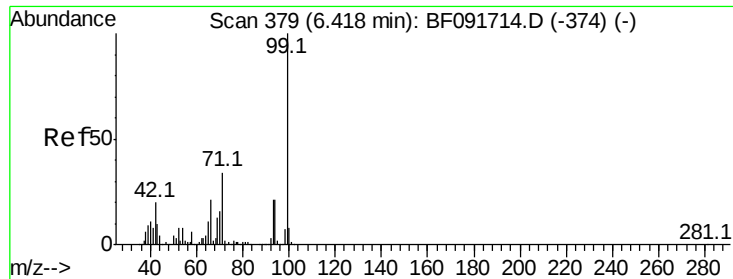
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#6
Aniline
Concen: 41.23 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion: 93 Resp: 973512
Ion Ratio Lower Upper
93 100
66 87.7 76.2 114.2
65 57.0 49.3 73.9





#7

Phenol-d6

Concen: 83.82 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1538242

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

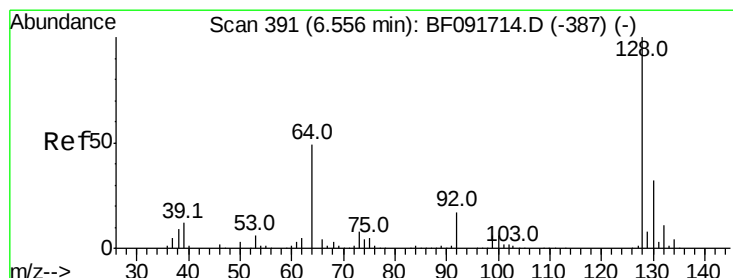
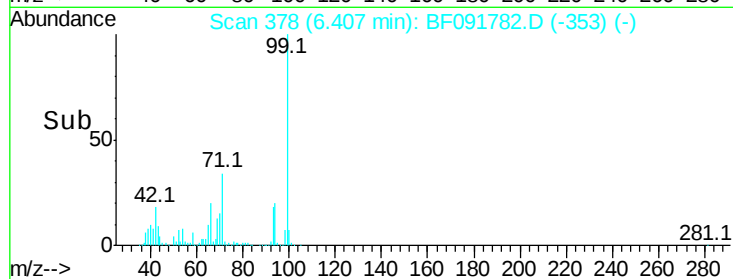
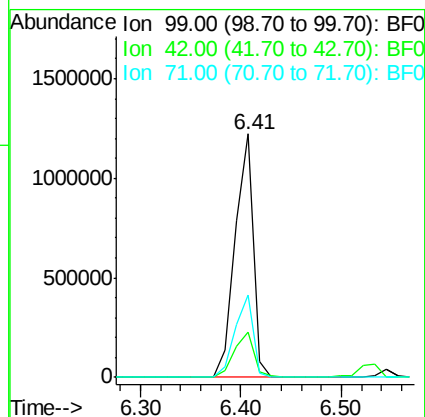
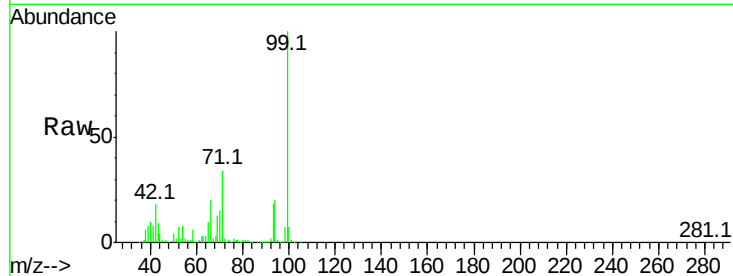
71 33.6 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.20 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

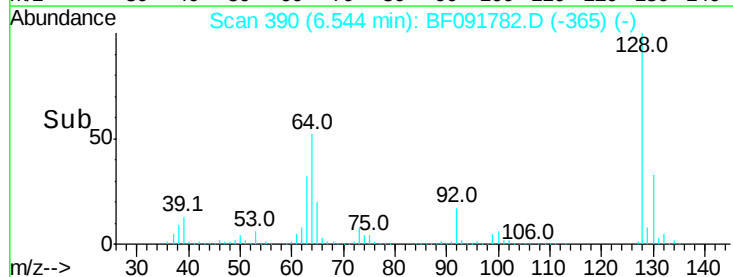
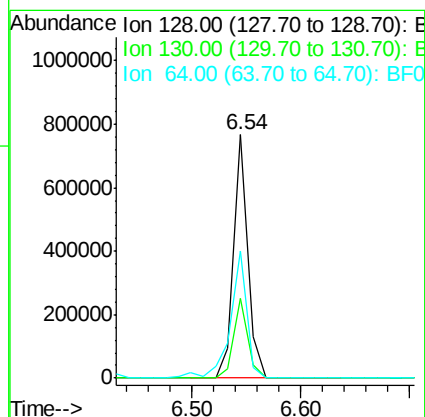
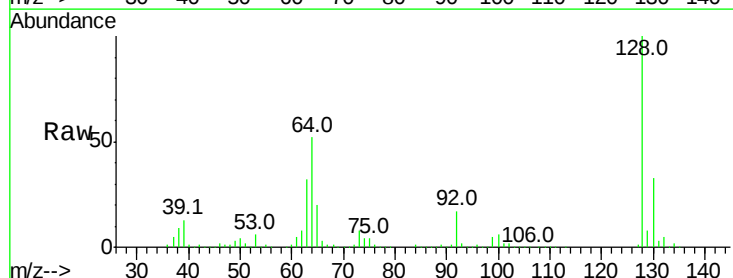
Tgt Ion: 128 Resp: 682370

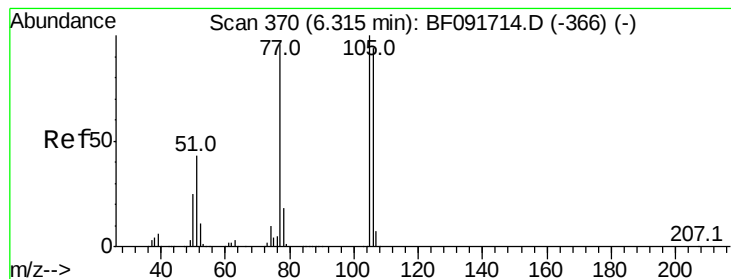
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 52.1 32.2 72.2





#9

Benzaldehyde

Concen: 46.49 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

ClientSampleId :

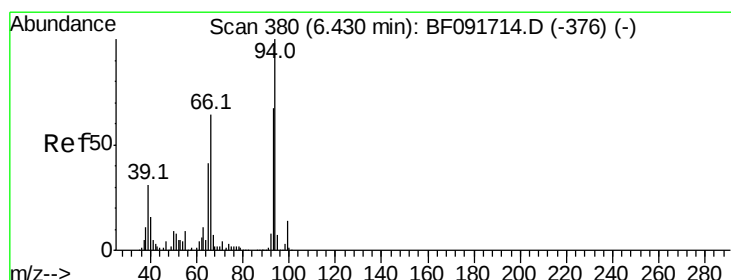
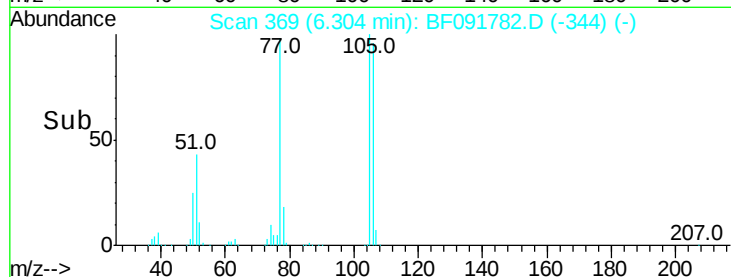
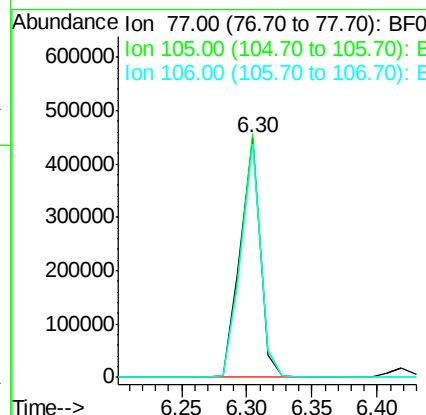
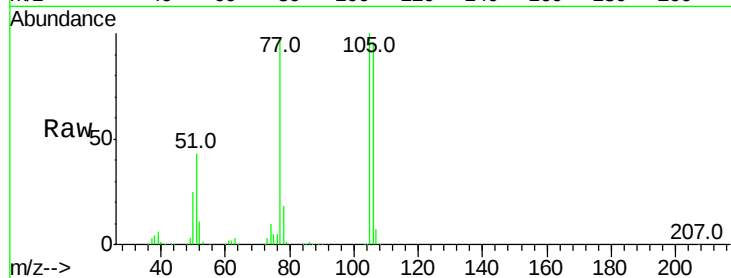
SSTDCCC040

Tot Ion: 77 Resp: 476463

Ion	Ratio	Lower	Upper
77	100		
105	101.7	83.9	123.9
106	97.3	77.6	117.6

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#10

Phenol

Concen: 43.04 ng

RT: 6.42 min Scan# 379

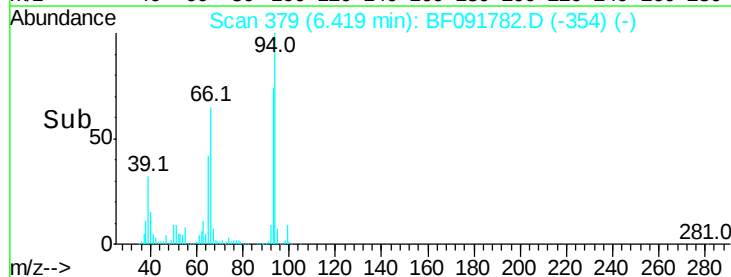
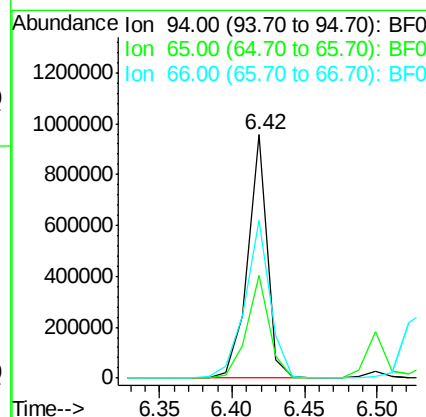
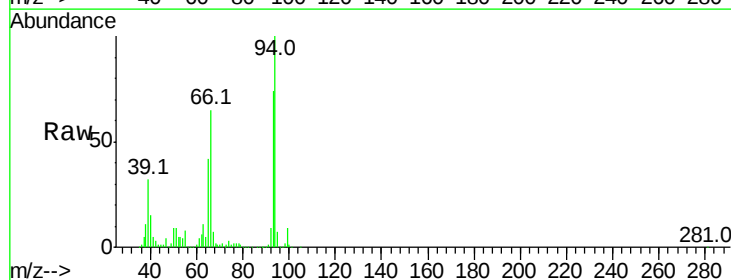
Delta R.T. -0.01 min

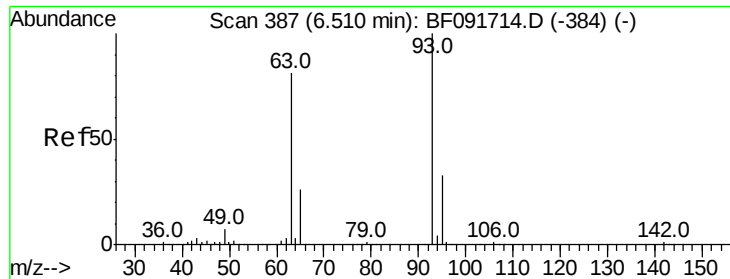
Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Tgt Ion: 94 Resp: 890273

Ion	Ratio	Lower	Upper
94	100		
65	42.2	21.4	61.4
66	64.9	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 39.10 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

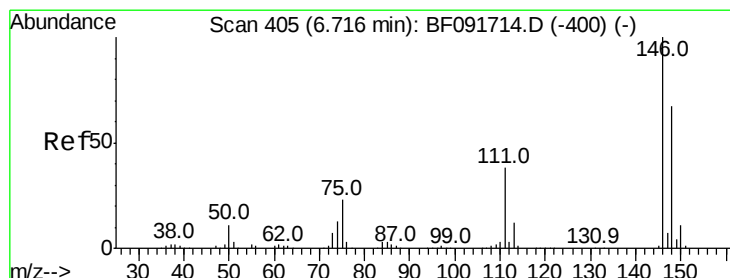
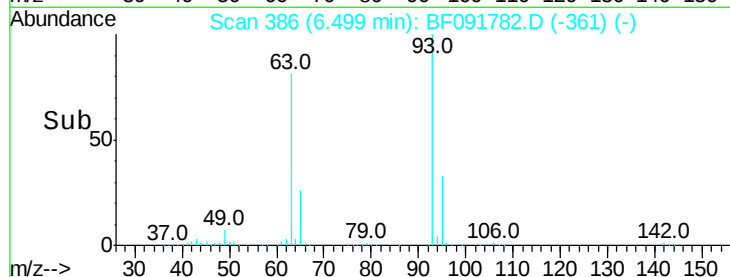
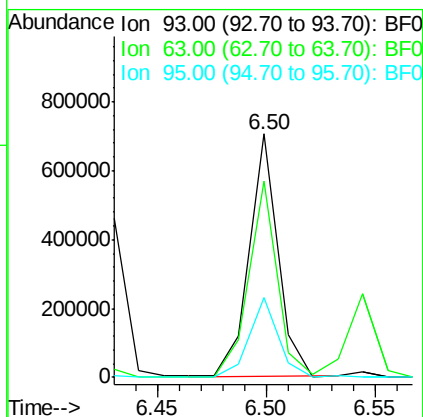
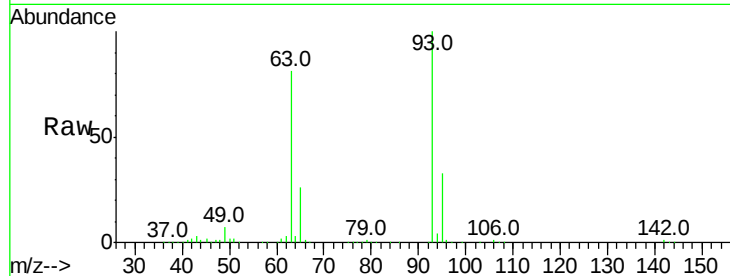
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	645946
Ion Ratio	Lower	Upper	
93	100		
63	80.6	60.4	100.4
95	32.9	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.20 ng

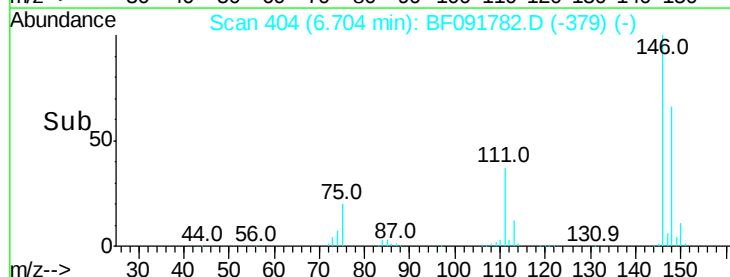
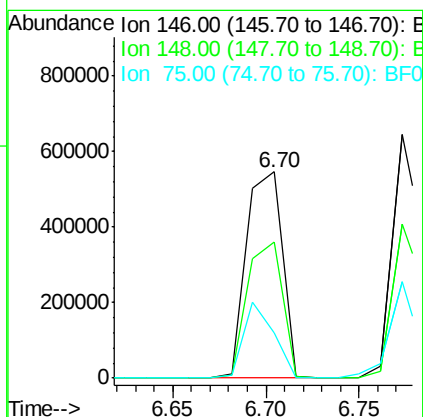
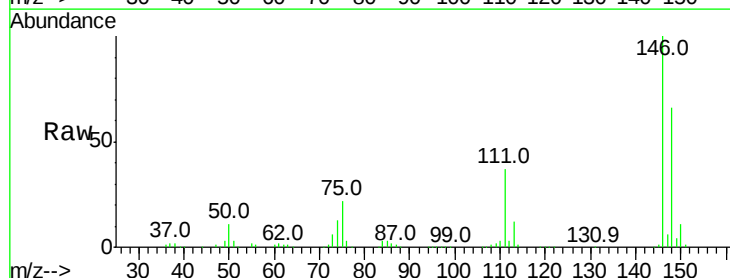
RT: 6.70 min Scan# 404

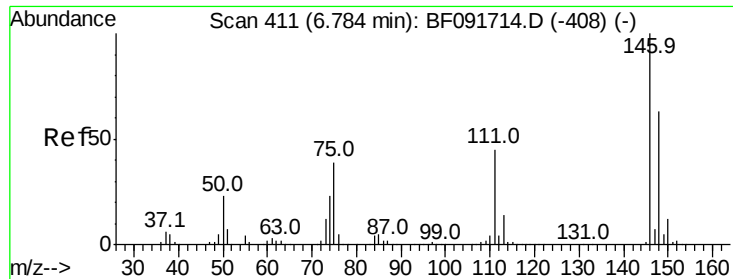
Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Tgt Ion:	146	Resp:	731222
Ion Ratio	Lower	Upper	
146	100		
148	65.8	53.4	80.0
75	22.1	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 39.52 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

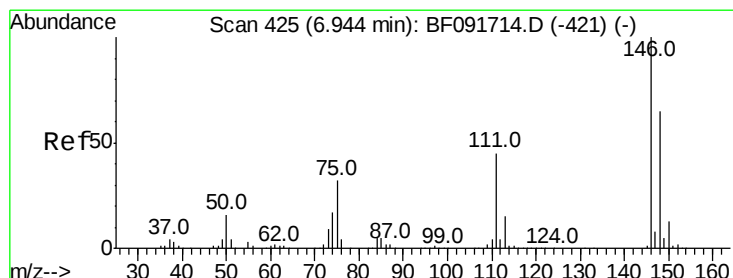
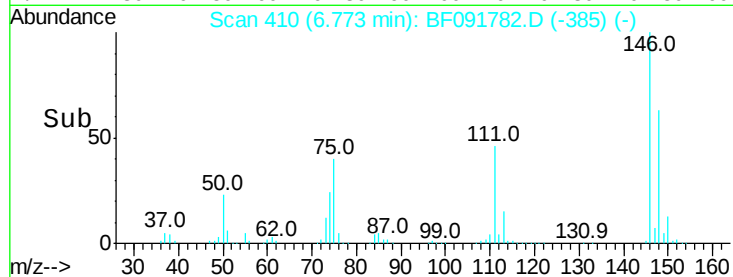
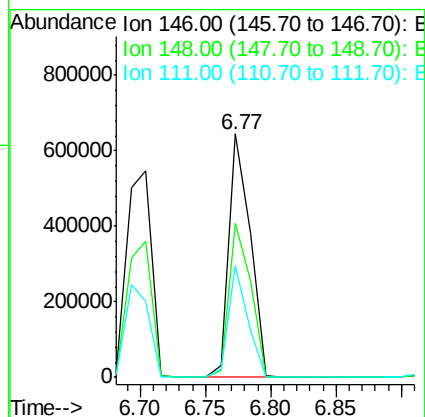
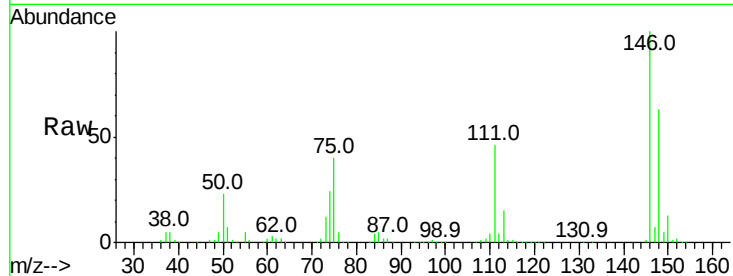
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	727394
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	76.0
111	46.1	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 44.29 ng

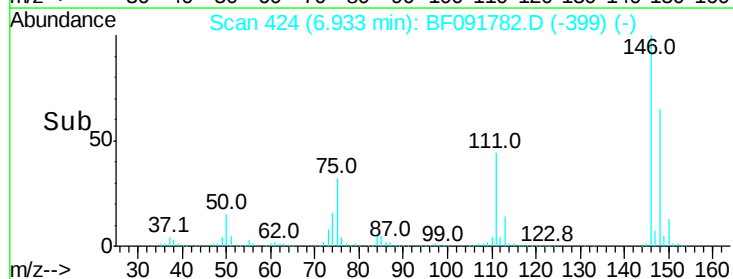
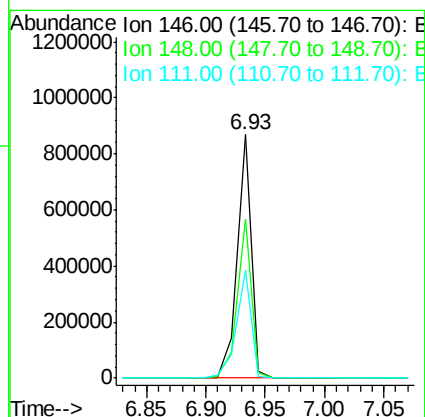
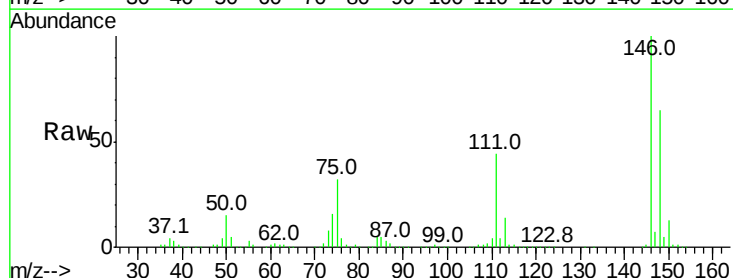
RT: 6.93 min Scan# 424

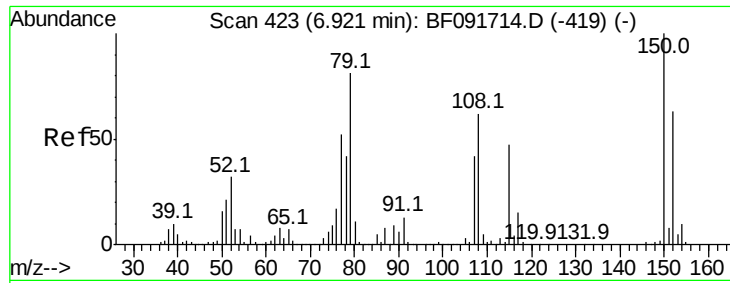
Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Tgt Ion:	146	Resp:	713987
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.2	78.2
111	44.4	36.2	54.2





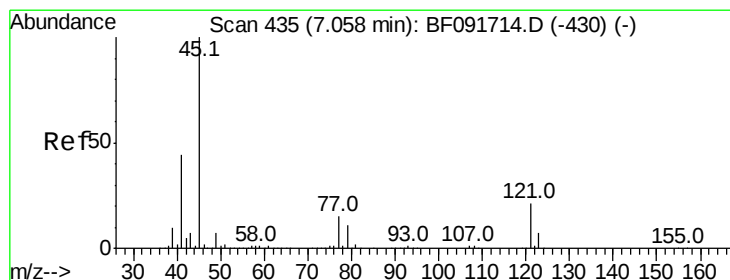
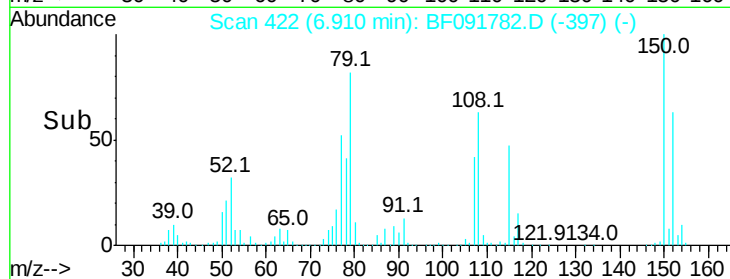
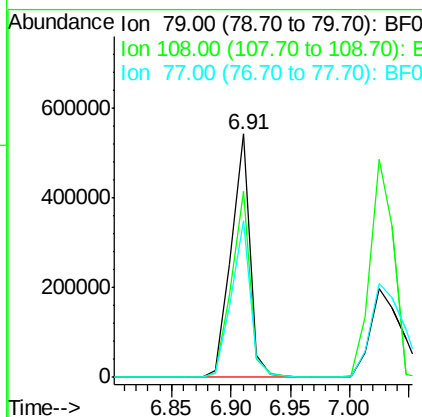
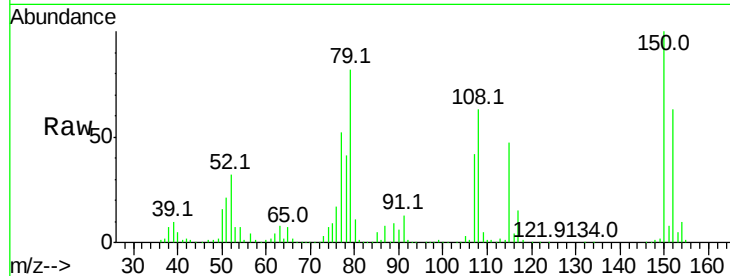
#15
Benzyl Alcohol
Concen: 42.14 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.4	92.0
77	64.1	50.9	76.3

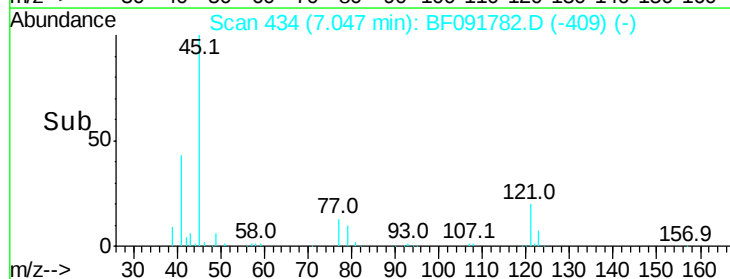
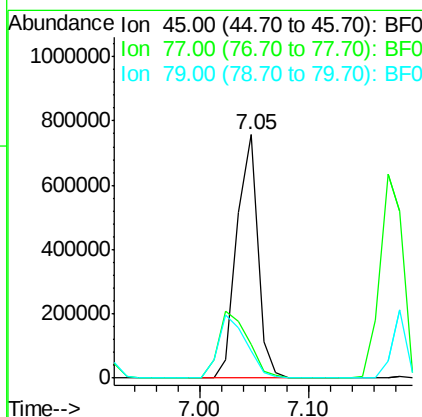
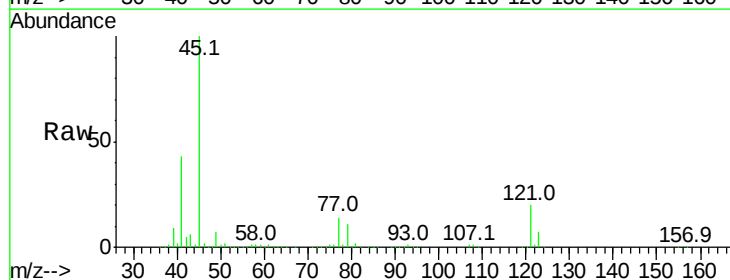
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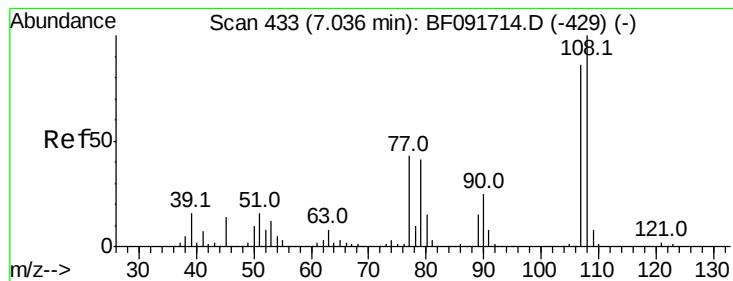
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.67 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	34.6
79	11.3	0.0	31.2





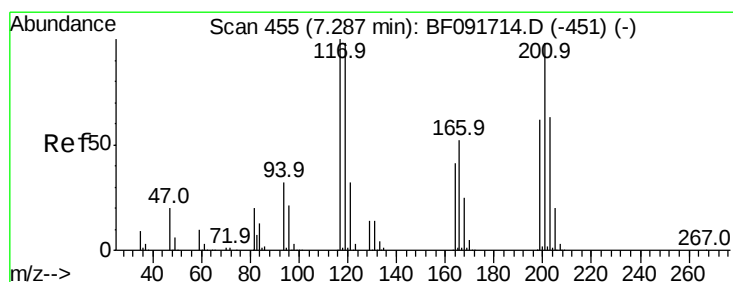
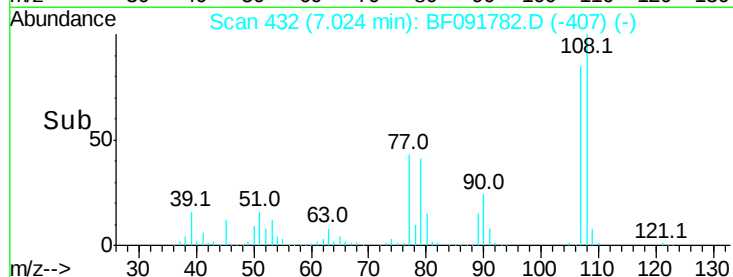
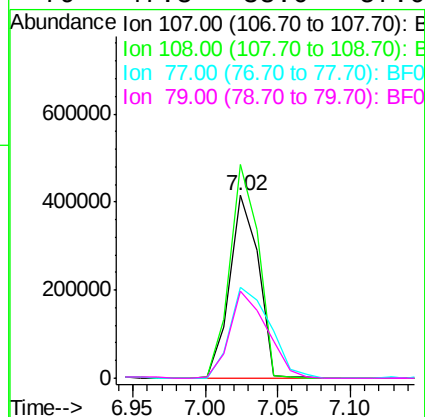
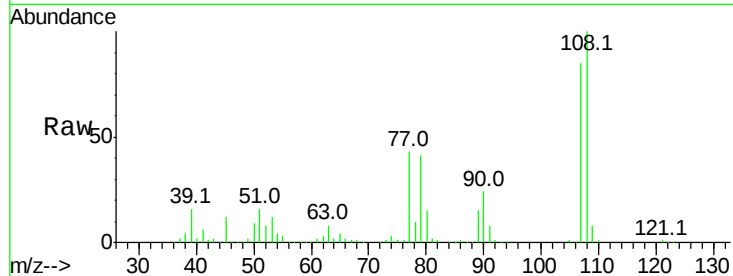
#17
2-Methylphenol
Concen: 41.21 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.1	93.0	139.6	
77	50.1	39.8	59.8	
79	47.8	38.0	57.0	

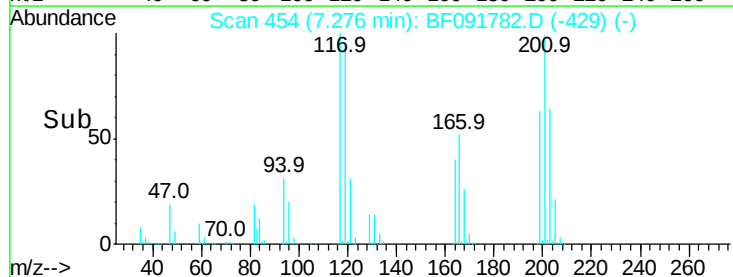
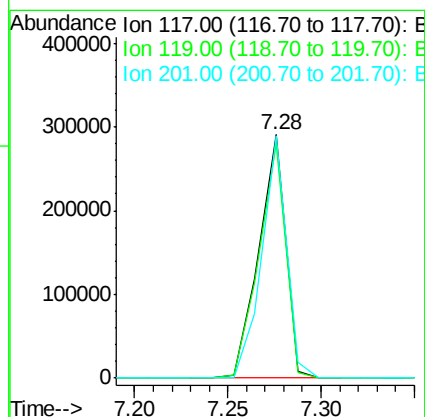
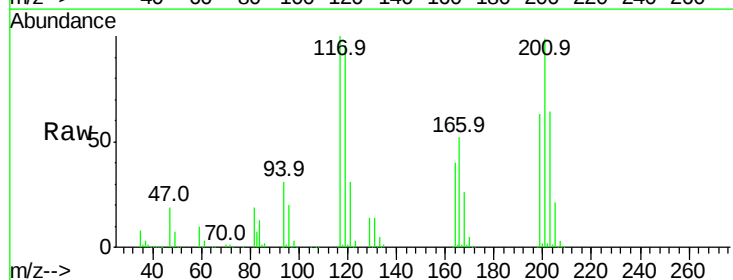
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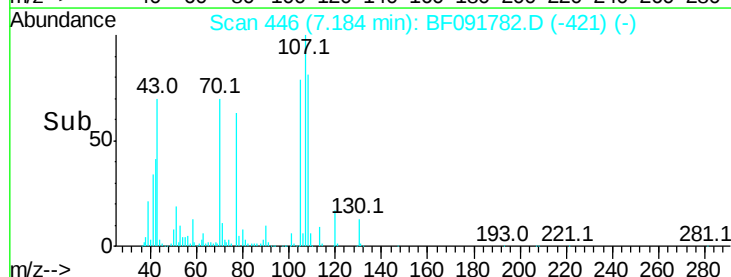
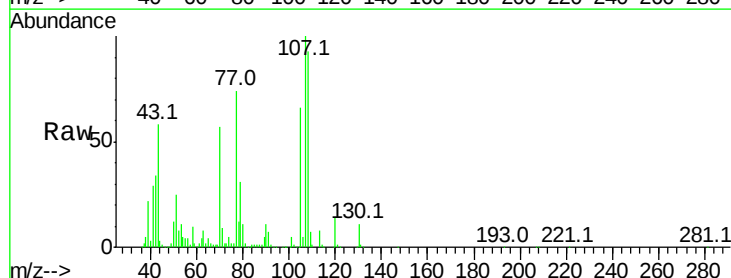
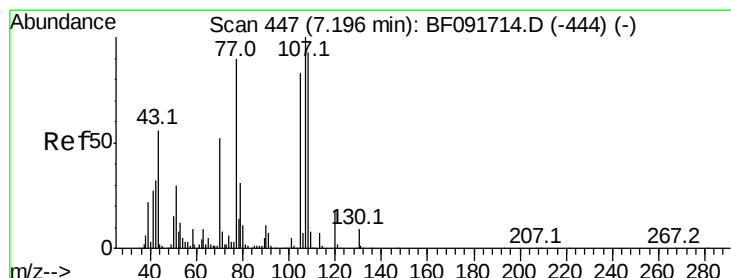
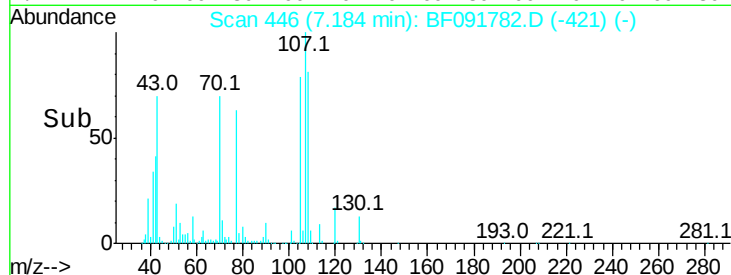
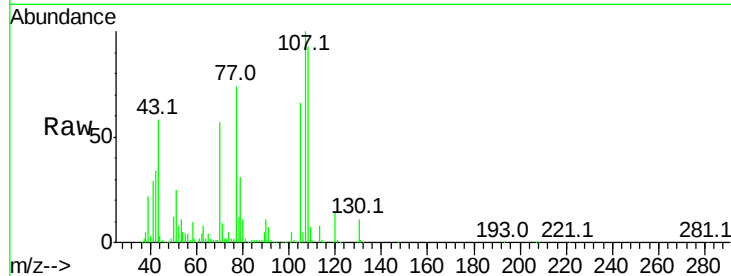
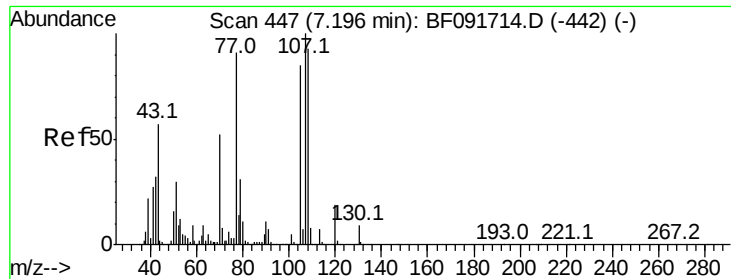
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#18
Hexachloroethane
Concen: 42.09 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	78.1	117.1	
201	99.4	78.6	117.8	





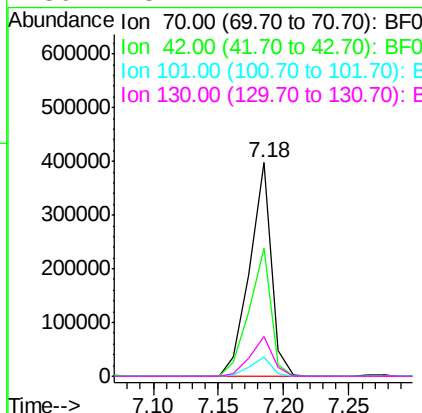
#19
n-Nitroso-di-n-propylamine
Concen: 37.92 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.8	49.4	74.0
101	8.9	7.4	11.2
130	18.7	14.2	21.4

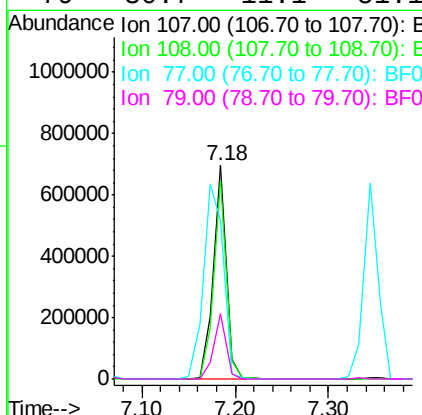
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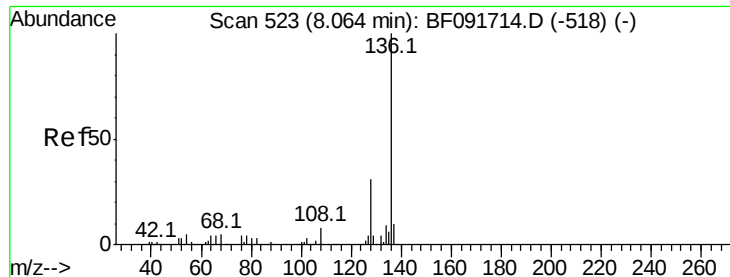
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#20
3+4-Methylphenols
Concen: 43.33 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	73.0	113.0
77	74.5	71.3	111.3
79	30.7	11.1	51.1





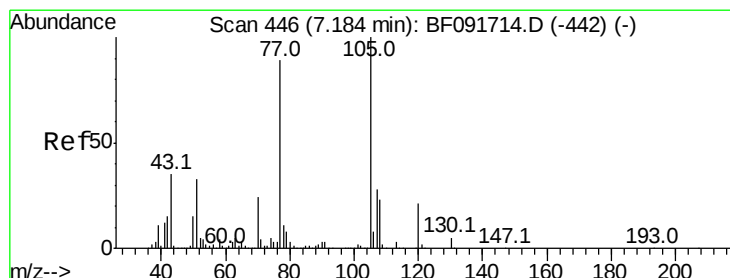
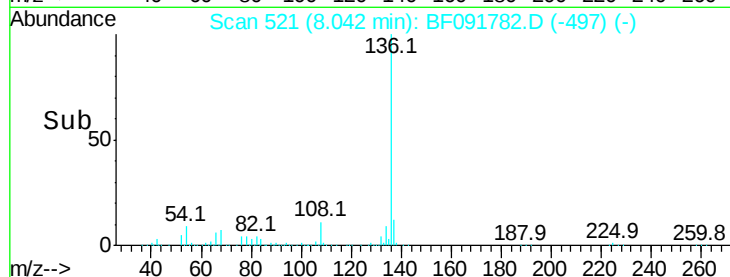
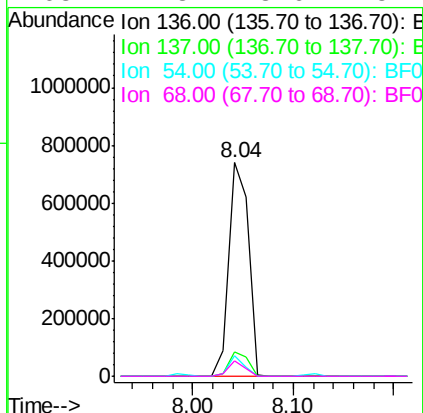
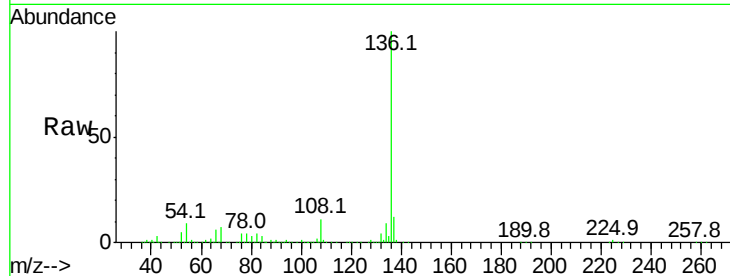
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	8.4	12.6	
54	9.4	4.5	6.7#	
68	7.3	3.6	5.4#	

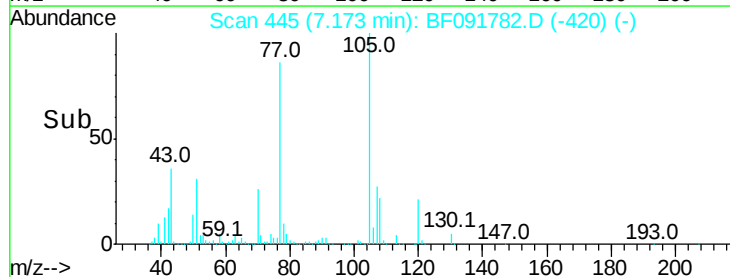
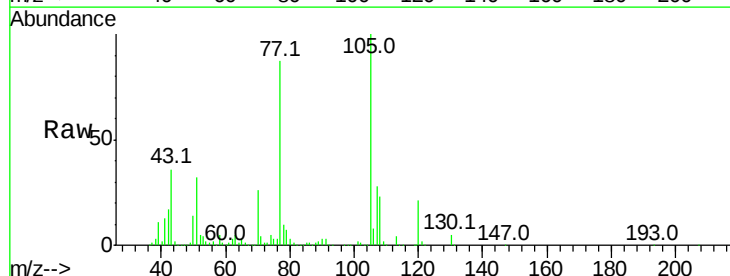
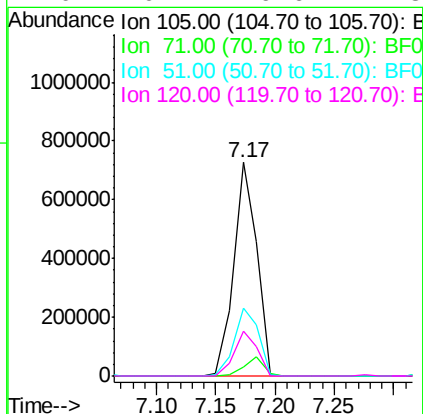
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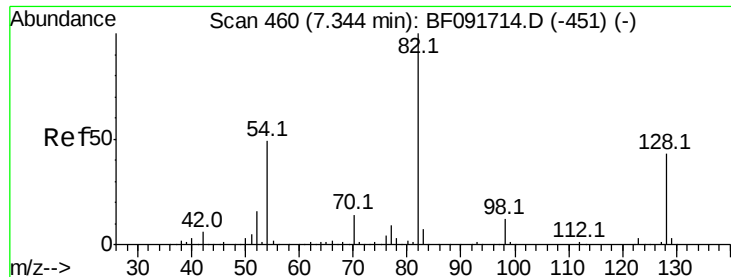
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#22
Acetophenone
Concen: 40.43 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	3.2	4.8	
51	31.5	26.2	39.4	
120	20.7	16.6	24.8	





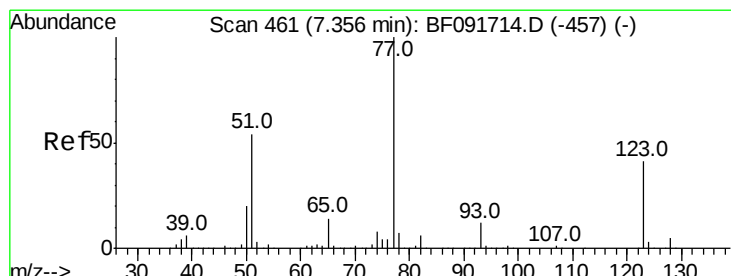
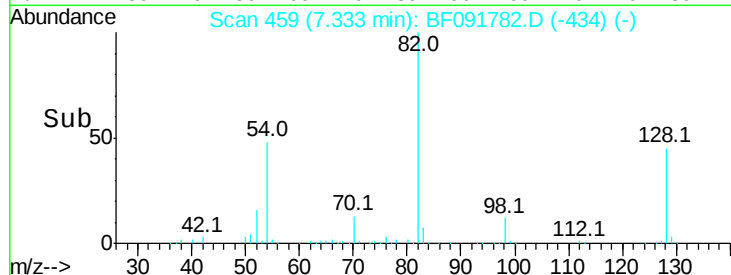
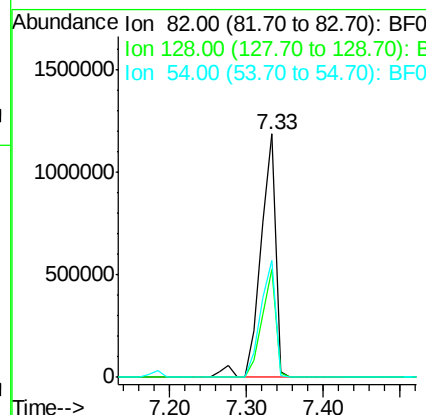
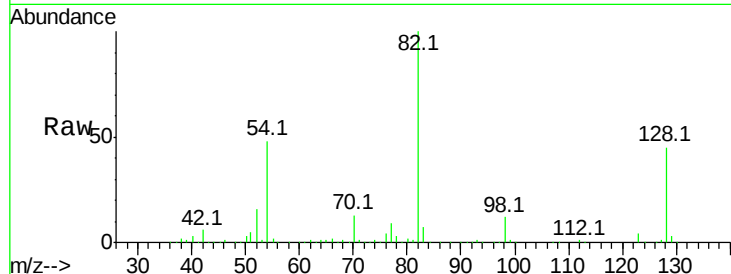
#23
 Nitrobenzene-d5
 Concen: 90.45 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	82	Resp:	1567271
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	52.0
54	47.8	39.5	59.3

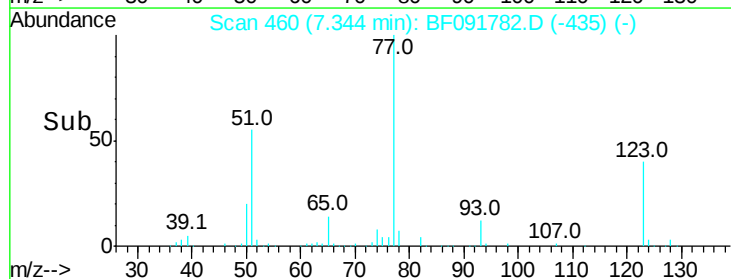
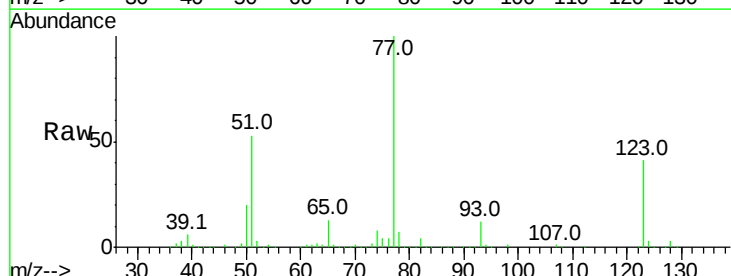
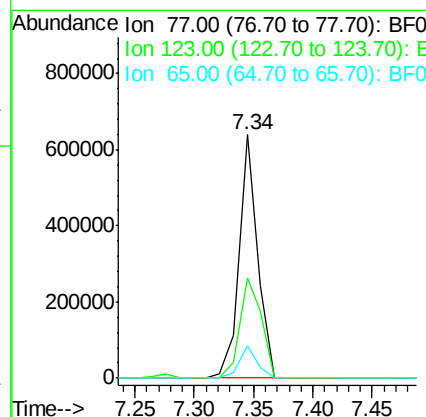
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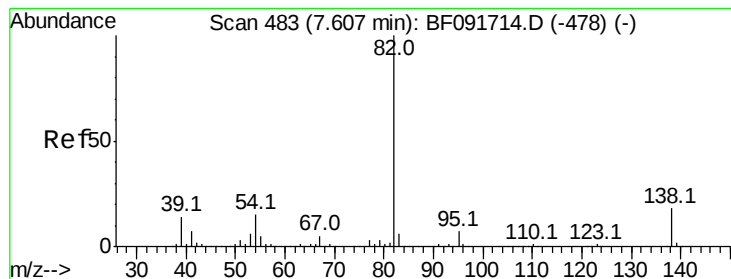
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#24
 Nitrobenzene
 Concen: 37.10 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Tgt Ion:	77	Resp:	690397
Ion	Ratio	Lower	Upper
77	100		
123	41.1	33.0	49.4
65	13.4	11.2	16.8





#25

Isophorone

Concen: 40.49 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1338497

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

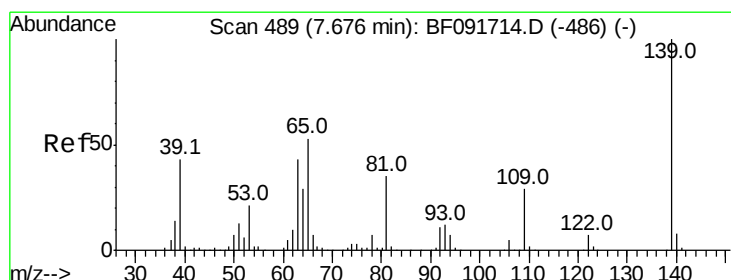
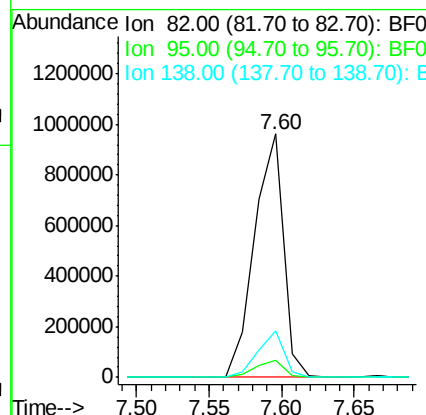
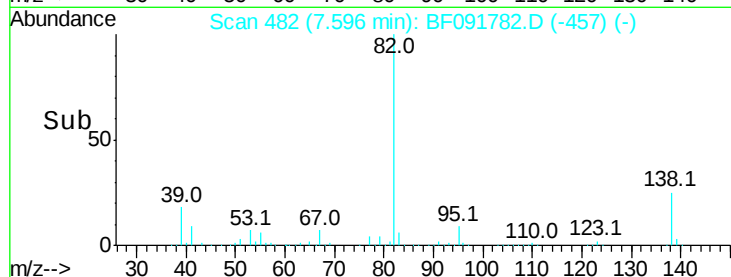
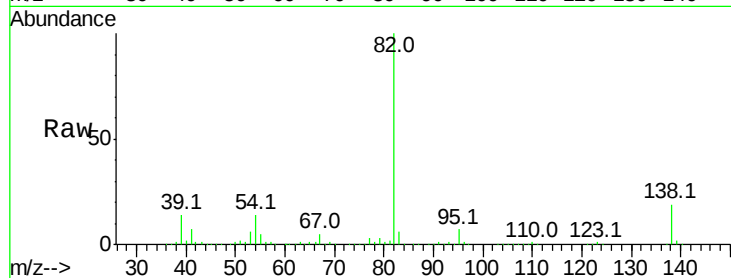
138 19.1 14.6 22.0

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#26

2-Nitrophenol

Concen: 43.42 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

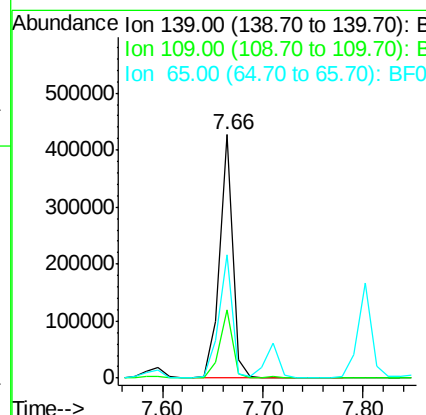
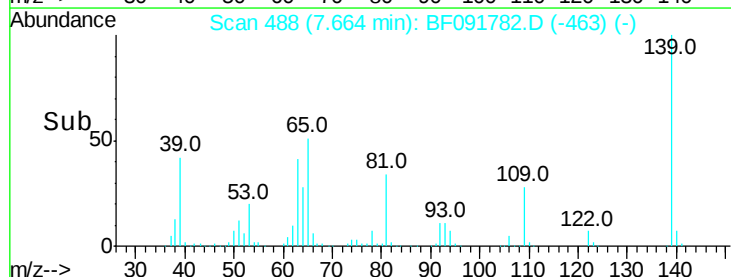
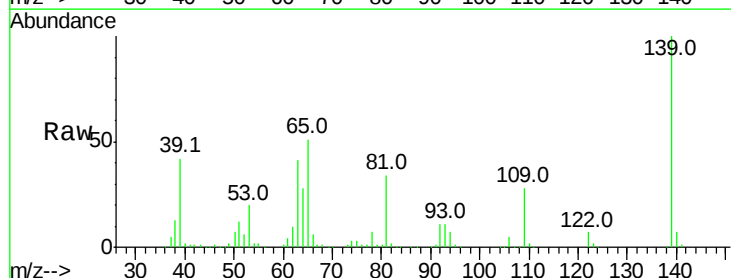
Tgt Ion: 139 Resp: 389785

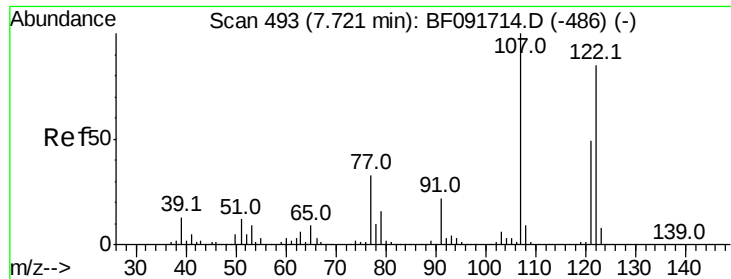
Ion Ratio Lower Upper

139 100

109 27.8 23.3 34.9

65 50.8 42.7 64.1





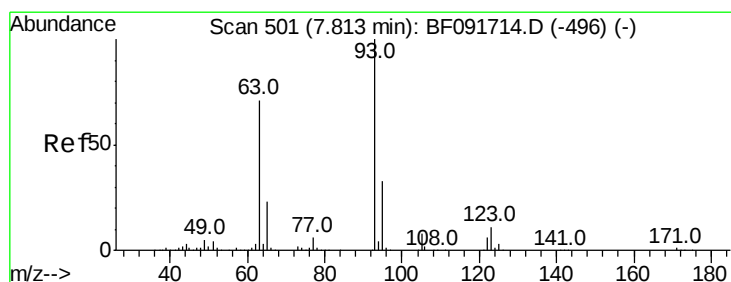
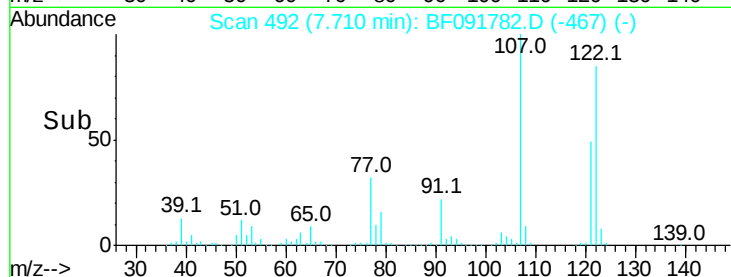
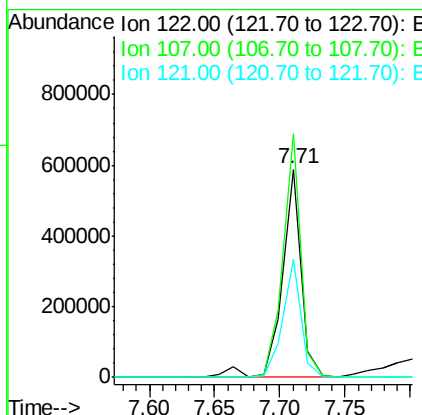
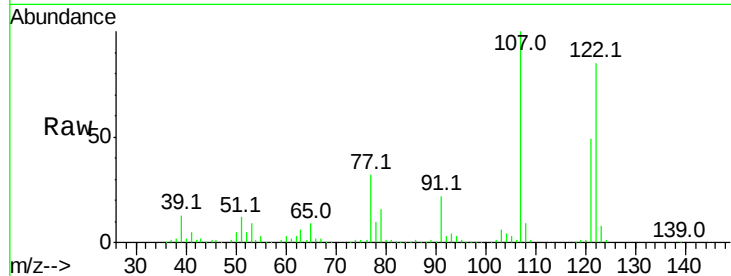
#27
2,4-Dimethylphenol
Concen: 41.09 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	601690		
107	117.2	94.1	141.1	
121	57.2	46.0	69.0	

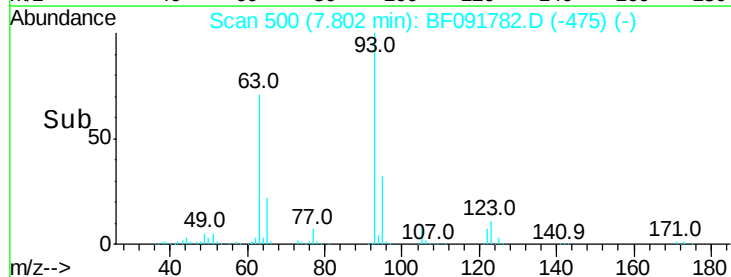
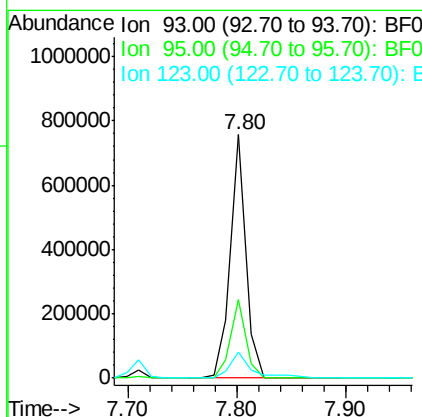
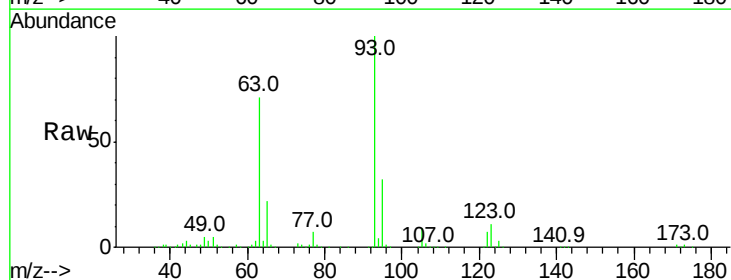
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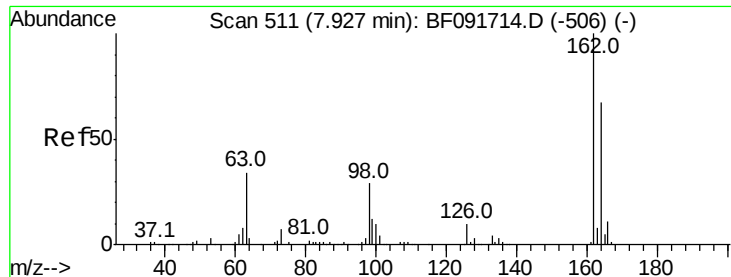
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#28
bis(2-Chloroethoxy)methane
Concen: 38.53 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	745249		
95	32.2	26.5	39.7	
123	10.7	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 39.23 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

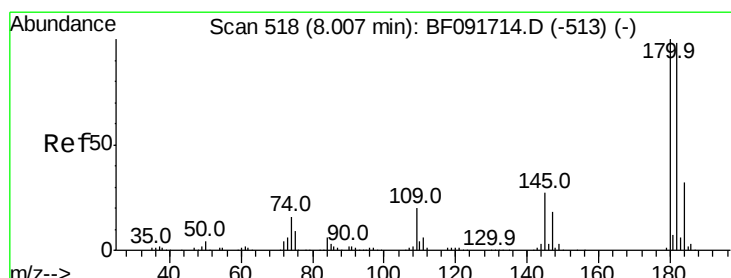
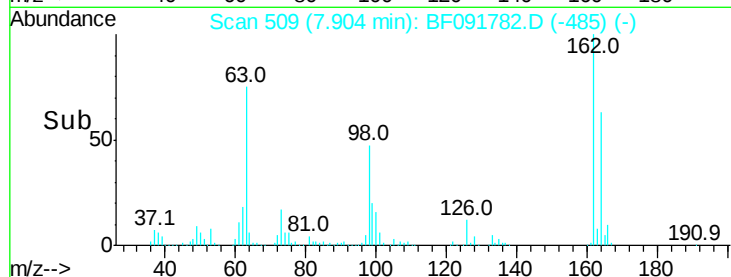
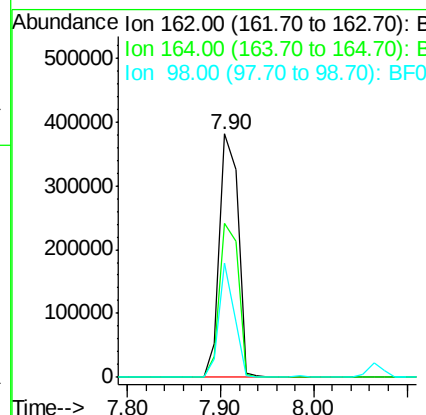
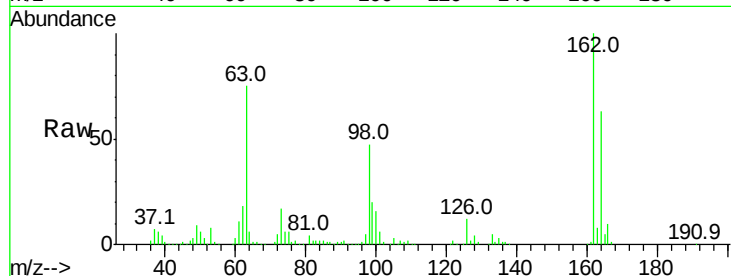
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	529898		
164	63.4	46.8	86.8	
98	46.8	9.1	49.1	

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#30

1,2,4-Trichlorobenzene

Concen: 40.76 ng

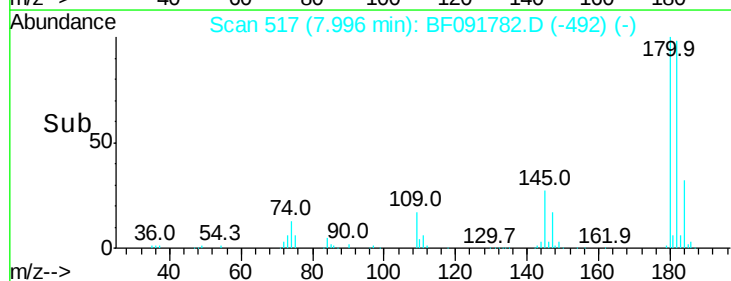
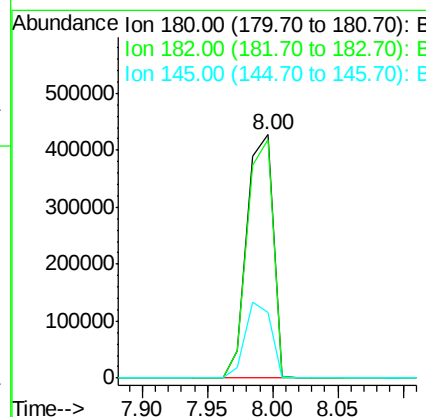
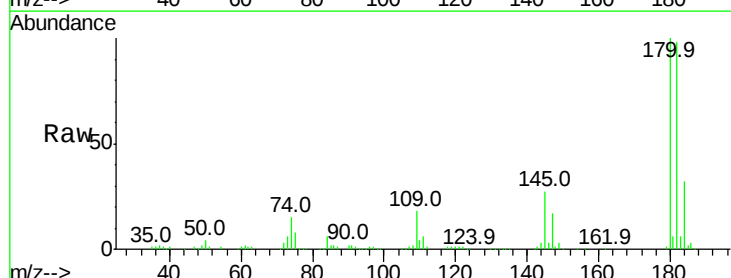
RT: 8.00 min Scan# 517

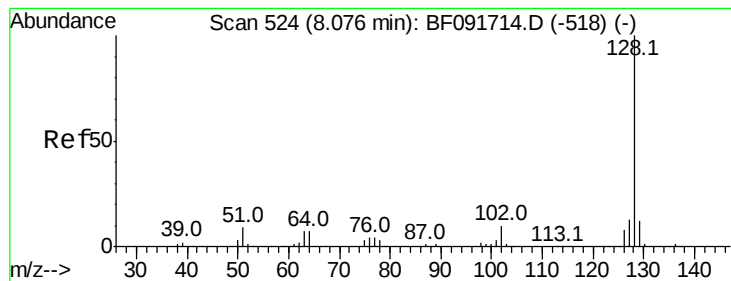
Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	596632		
182	98.1	78.2	117.4	
145	27.2	21.6	32.4	





#31

Naphthalene

Concen: 39.20 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1871676

Ion Ratio Lower Upper

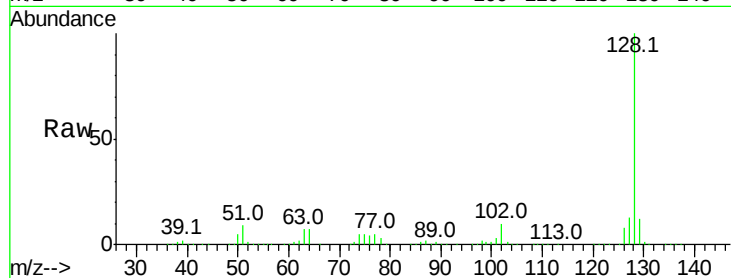
128 100

129 12.0 9.5 14.3

127 13.4 10.8 16.2

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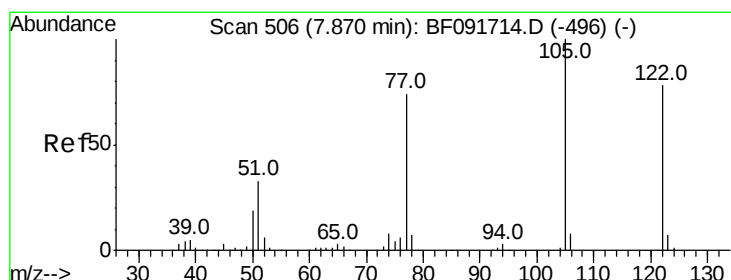
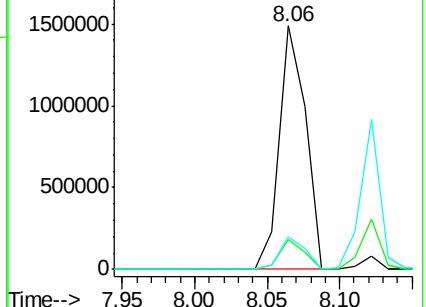
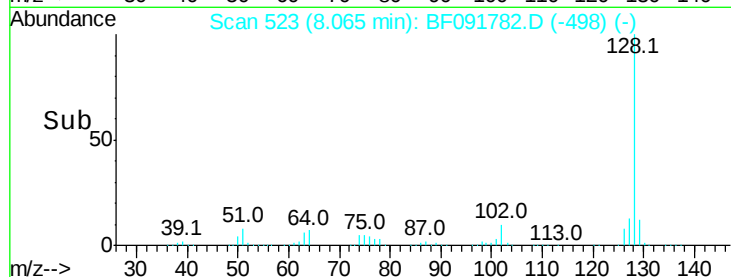
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.49 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

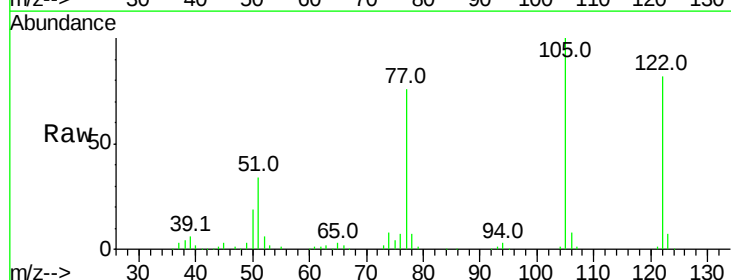
Tgt Ion:122 Resp: 443433

Ion Ratio Lower Upper

122 100

105 122.6 107.2 147.2

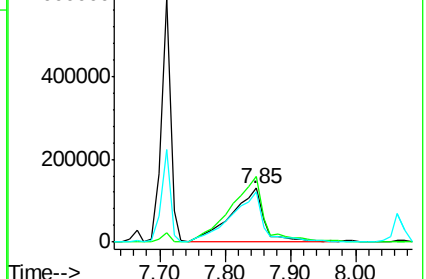
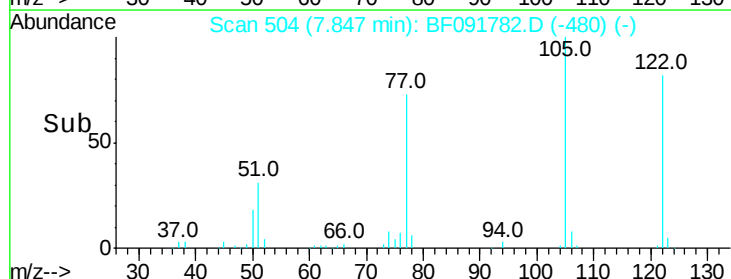
77 93.1 74.5 114.5

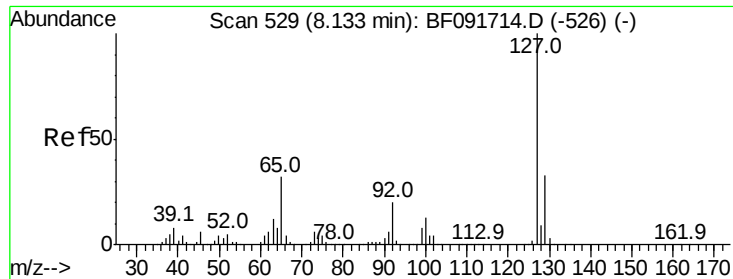


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





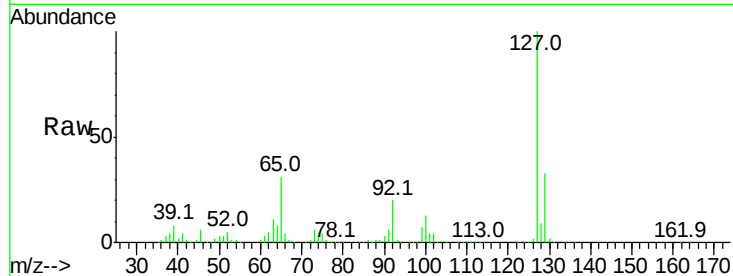
#33
4-Chloroaniline
Concen: 43.03 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

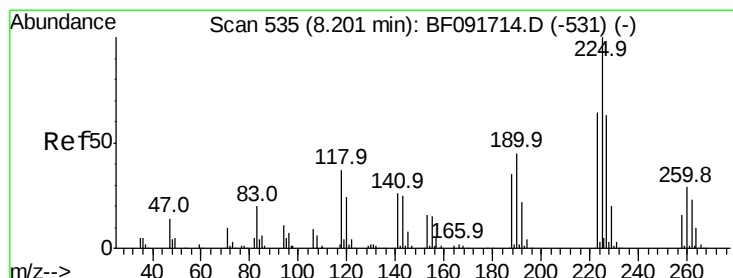
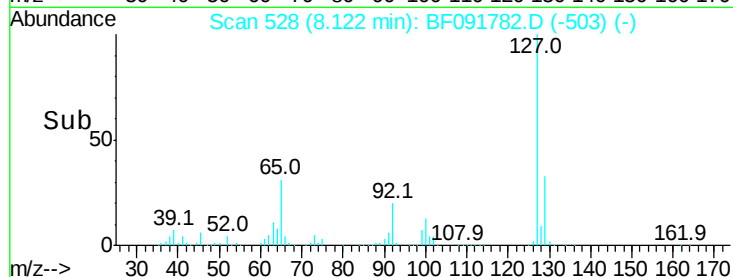
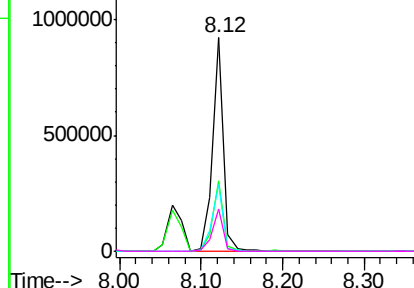
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	26.3	39.5	
65	31.3	25.8	38.8	
92	19.5	16.1	24.1	

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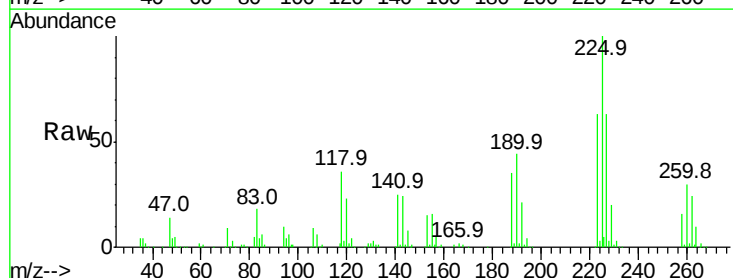


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

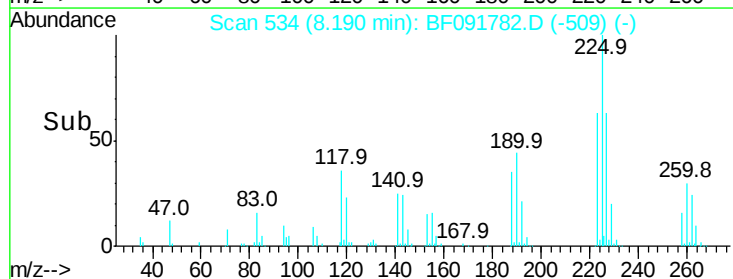
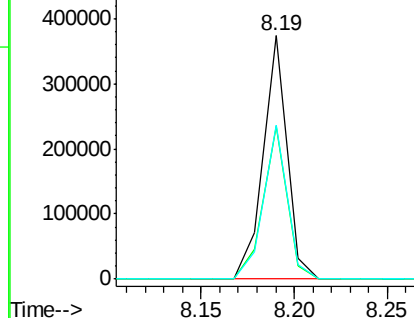


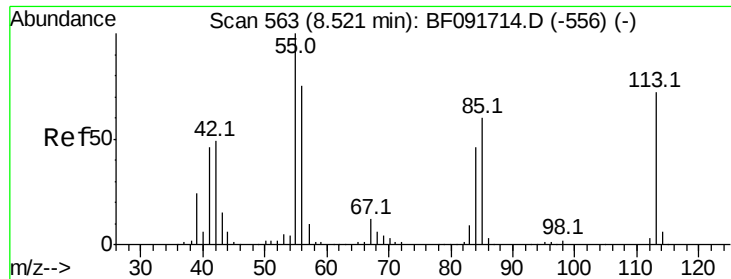
#34
Hexachlorobutadiene
Concen: 40.01 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	51.0	76.6	
227	63.4	50.6	76.0	



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





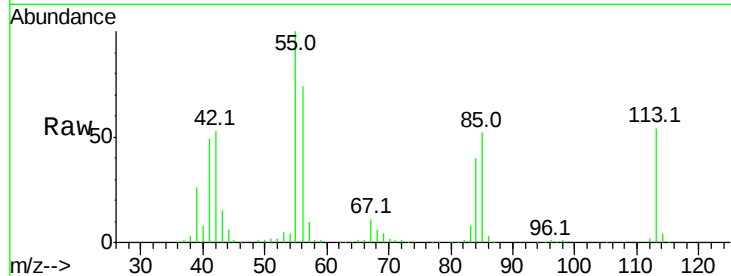
#35
 Caprolactam
 Concen: 39.19 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

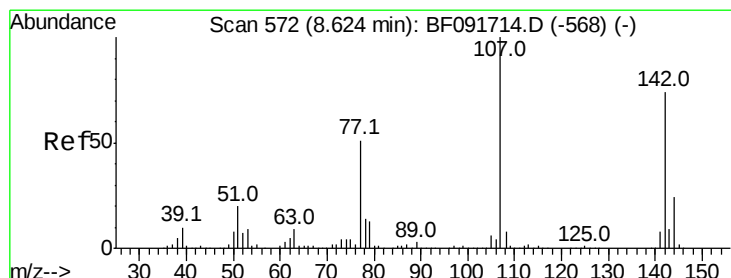
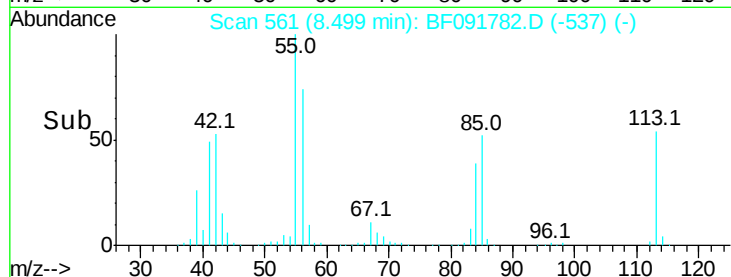
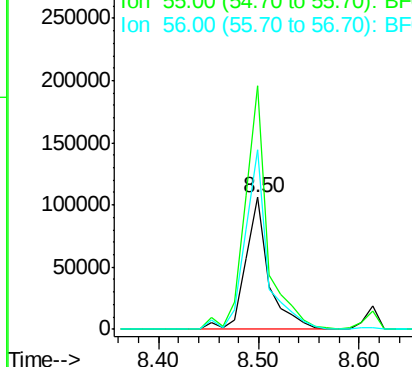
Tot Ion:113 Resp: 170313
 Ion Ratio Lower Upper
 113 100
 55 184.3 119.2 159.2#
 56 136.2 83.8 123.8#

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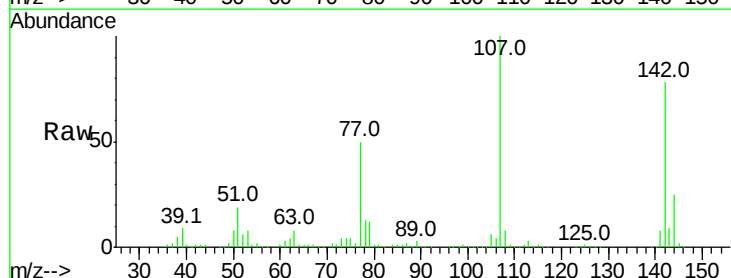


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

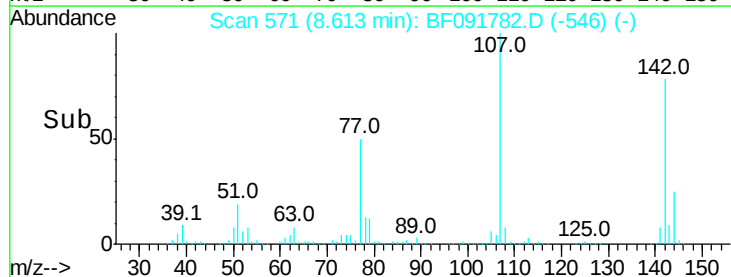
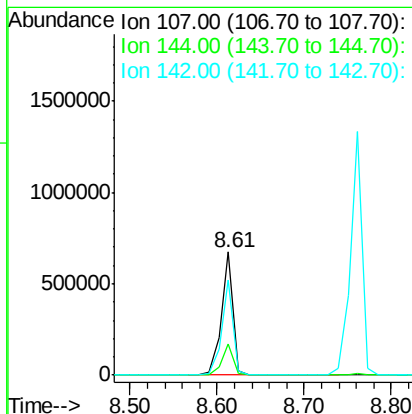


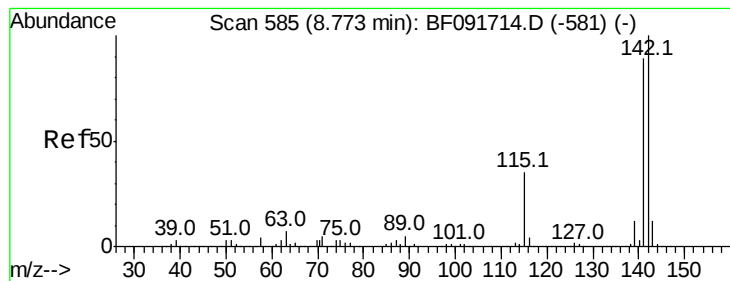
#36
 4-Chloro-3-methylphenol
 Concen: 42.86 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Tgt Ion:107 Resp: 638616
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.3 28.9
 142 77.5 59.0 88.6



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: 42.11 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:142 Resp: 1267403

Ion Ratio Lower Upper

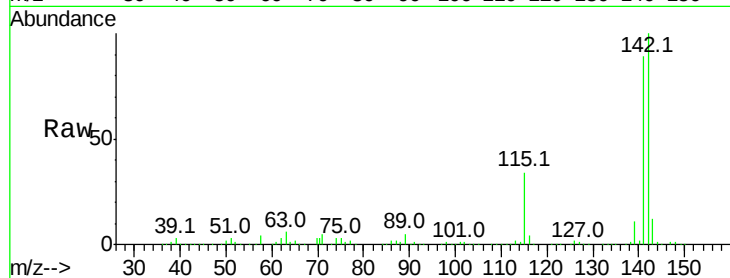
142 100

141 88.6 71.0 106.6

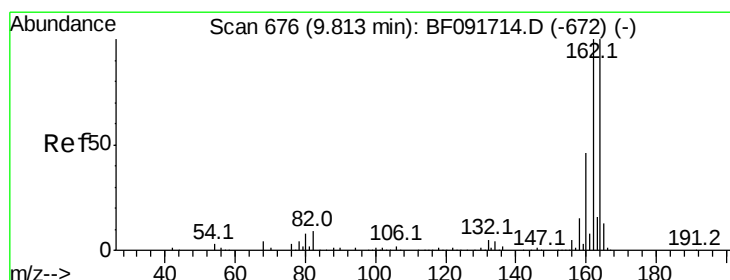
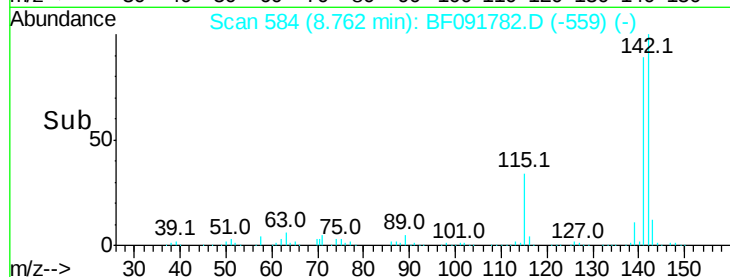
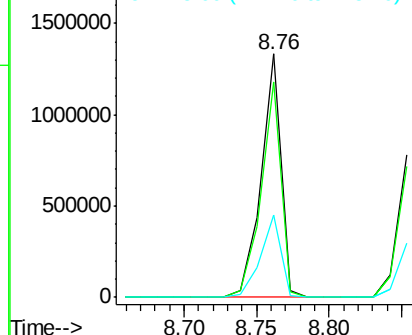
115 34.0 28.3 42.5

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

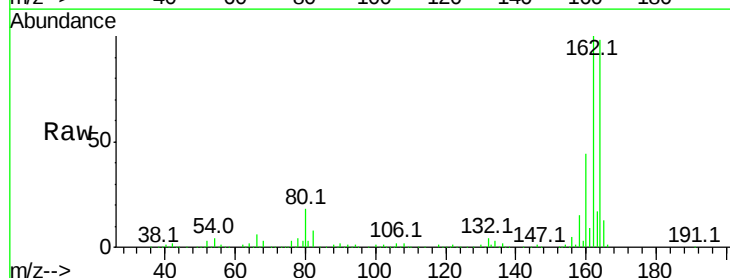
Tgt Ion:164 Resp: 528065

Ion Ratio Lower Upper

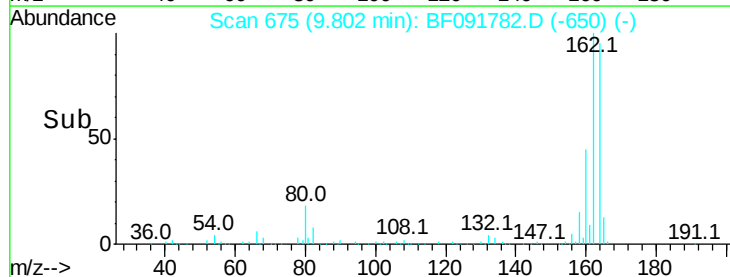
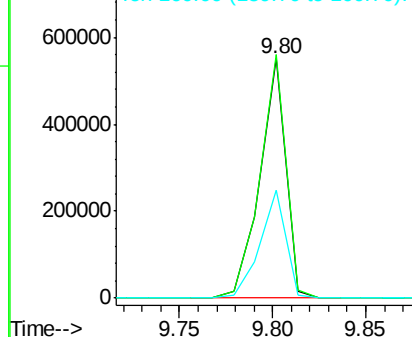
164 100

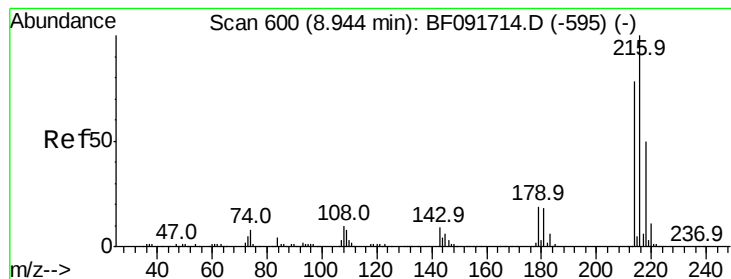
162 101.6 80.2 120.2

160 45.1 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.09 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

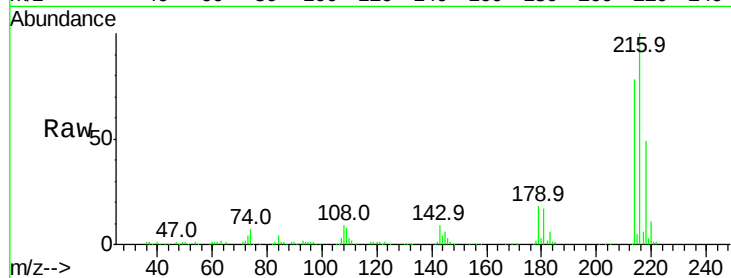
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	514481		
214	78.6	63.4	95.0	
179	21.7	17.4	26.2	
108	19.4	15.6	23.4	

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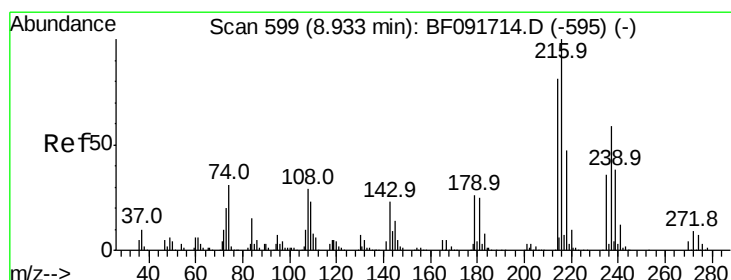
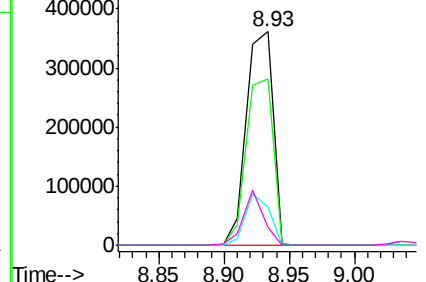
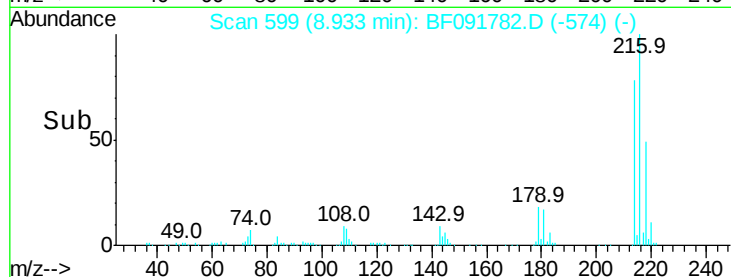


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.59 ng

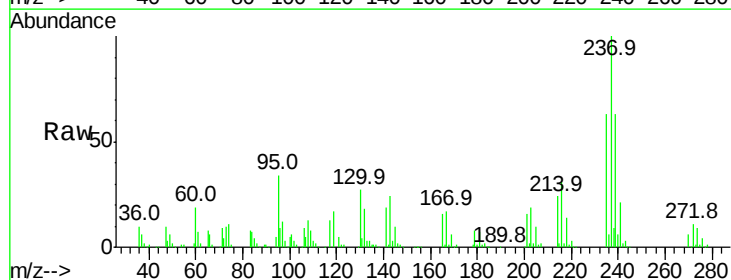
RT: 8.91 min Scan# 597

Delta R.T. -0.02 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

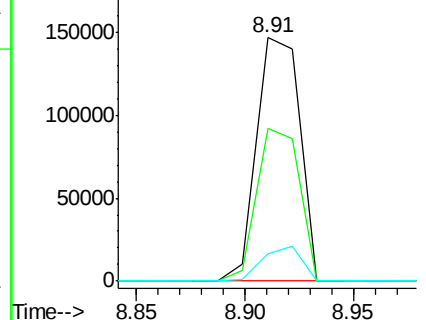
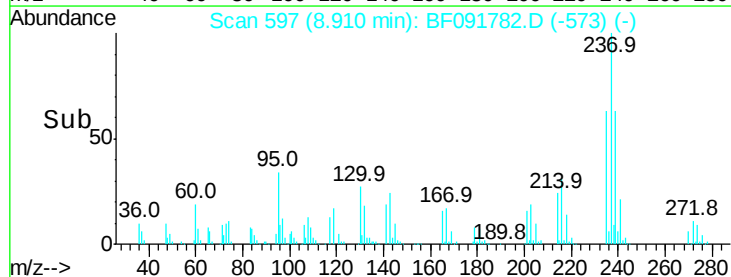
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	204131		
235	62.8	41.2	81.2	
272	11.1	0.0	35.4	

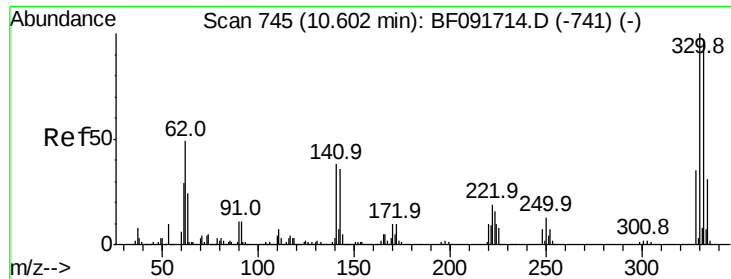


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





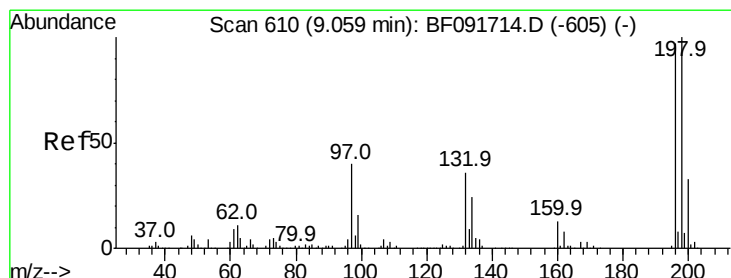
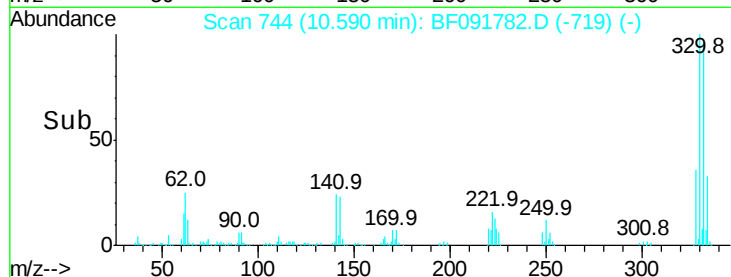
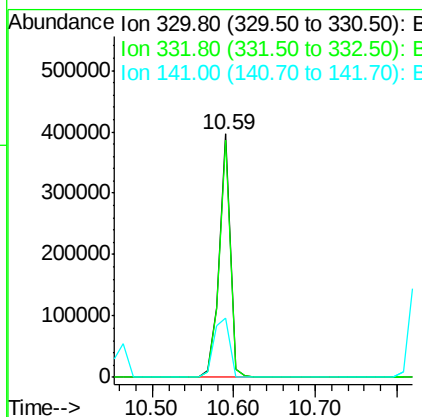
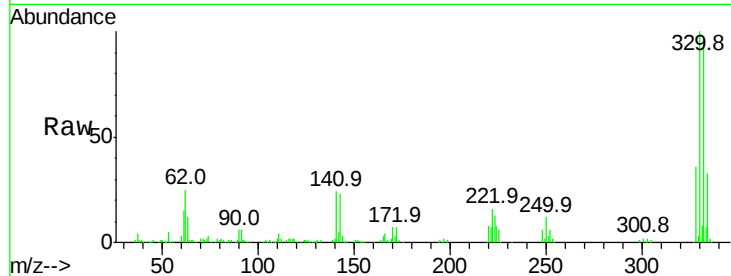
#41
 2,4,6-Tribromophenol
 Concen: 82.92 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	77.4	116.2	
141	35.6	34.1	51.1	

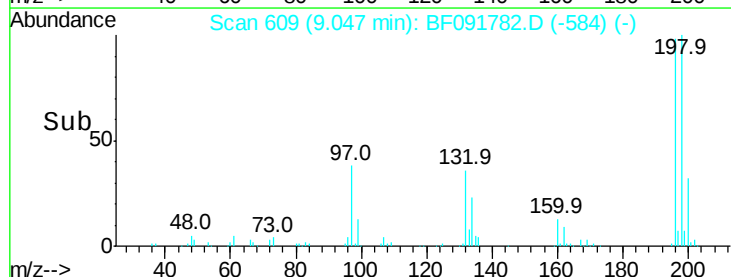
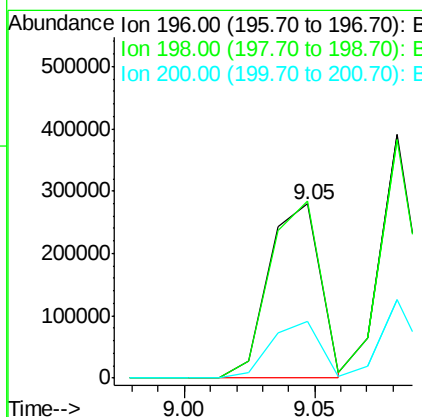
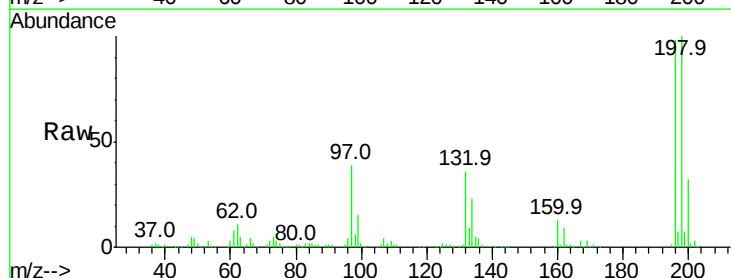
Manual Integrations
 APPROVED

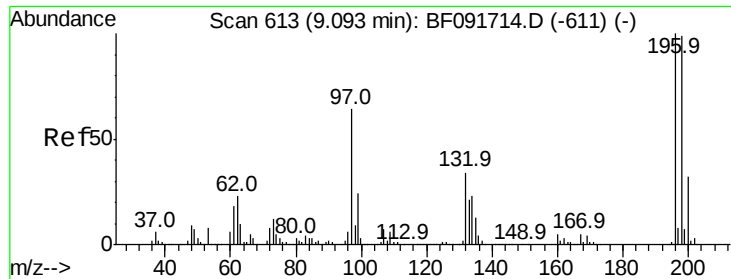
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#42
 2,4,6-Trichlorophenol
 Concen: 40.67 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.9	82.1	123.1	
200	32.5	27.0	40.4	





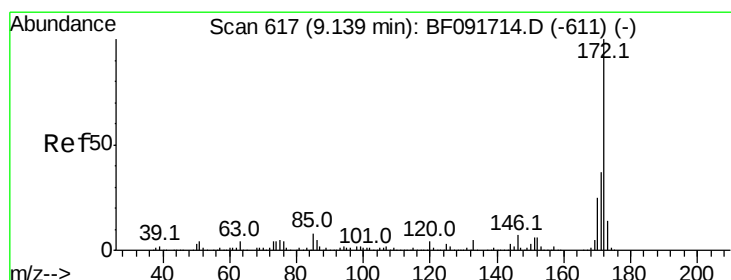
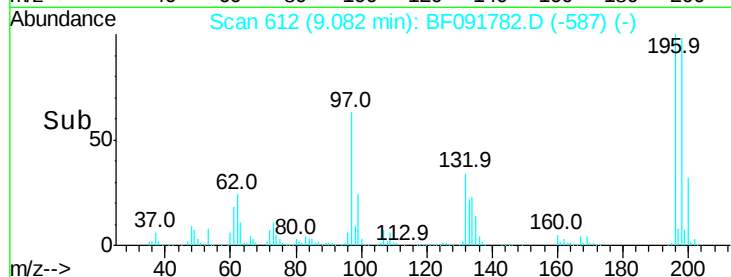
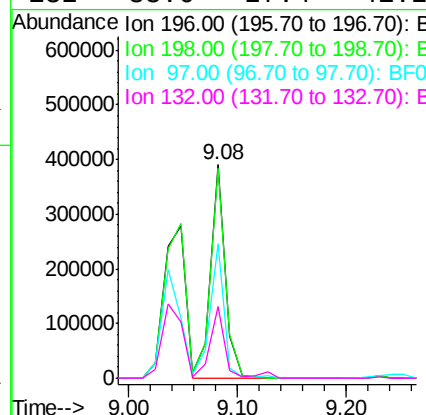
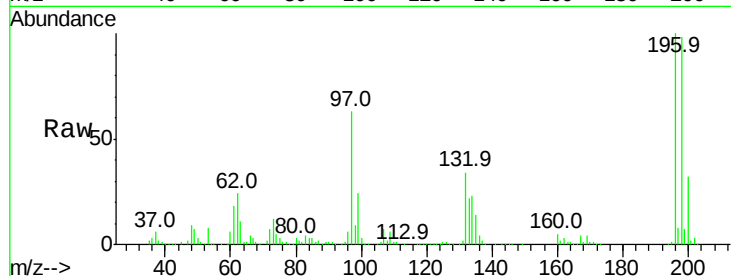
#43
 2,4,5-Trichlorophenol
 Concen: 40.19 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	371314		
198	98.0	79.4	119.2	
97	63.0	51.5	77.3	
132	33.6	27.4	41.2	

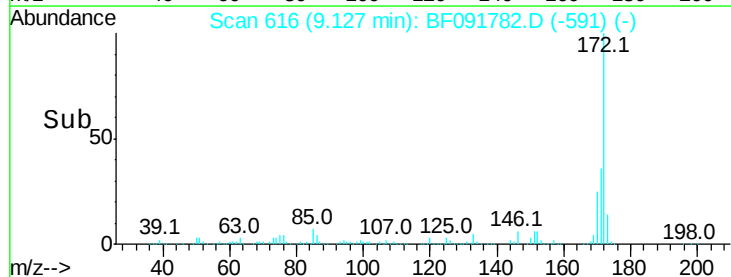
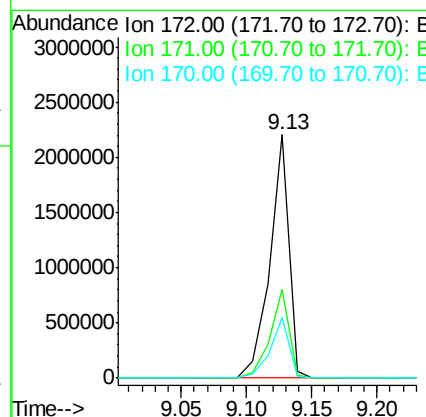
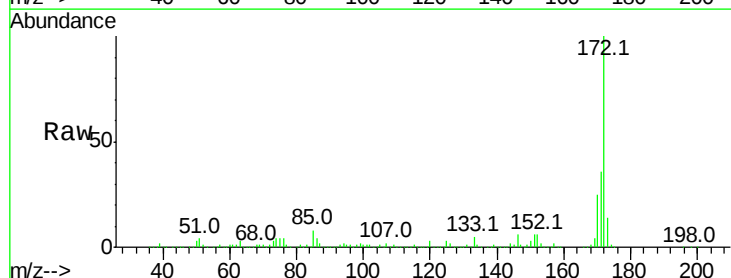
Manual Integrations
 APPROVED

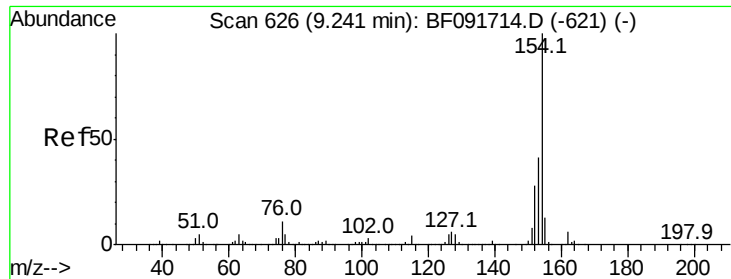
sohil
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#44
 2-Fluorobiphenyl
 Concen: 85.56 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2249045		
171	36.5	29.4	44.0	
170	25.0	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 41.35 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1564901

Ion Ratio Lower Upper

154 100

153 40.3 20.9 60.9

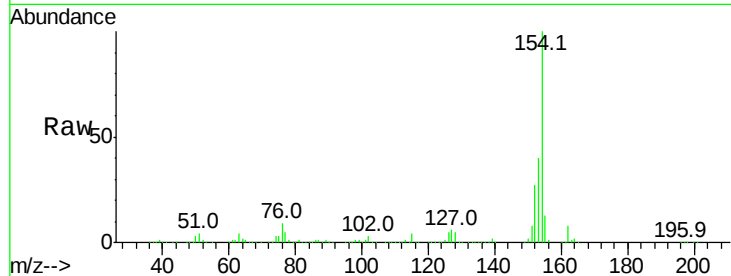
76 8.8 0.0 30.5

Manual Integrations

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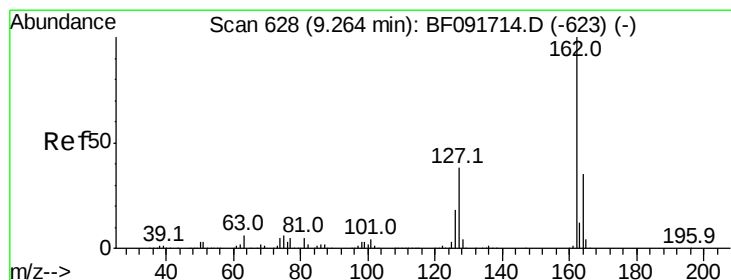
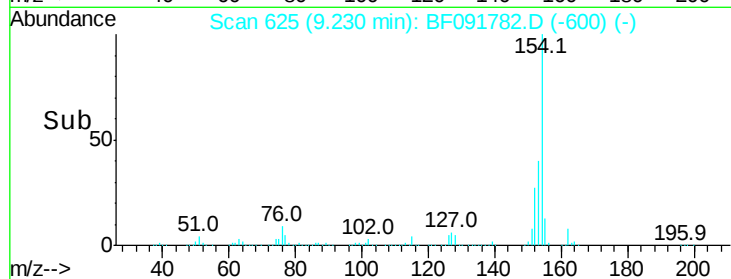
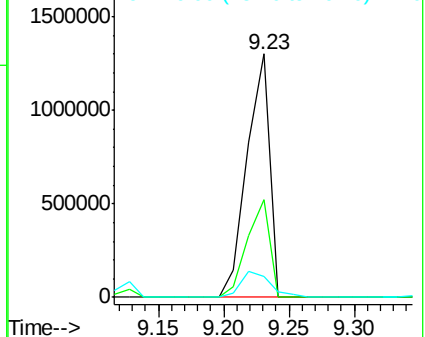
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.89 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

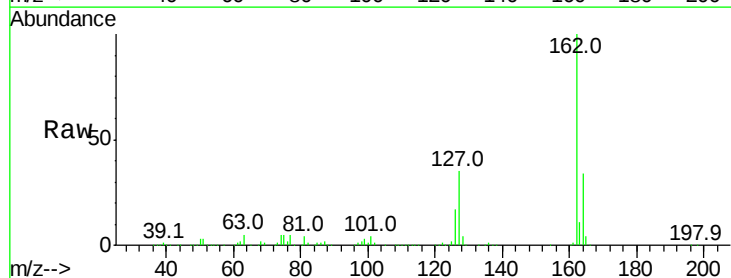
Tgt Ion:162 Resp: 1184730

Ion Ratio Lower Upper

162 100

127 35.1 30.7 46.1

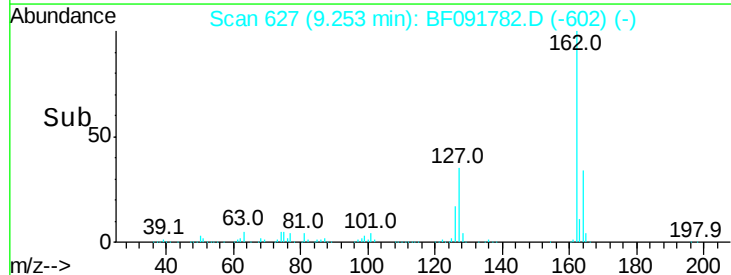
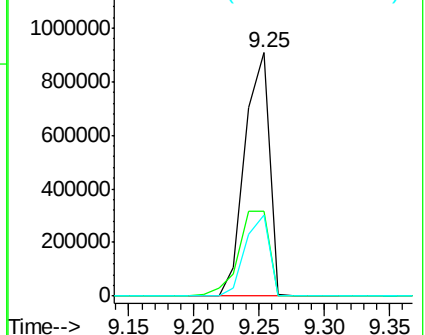
164 33.5 27.6 41.4

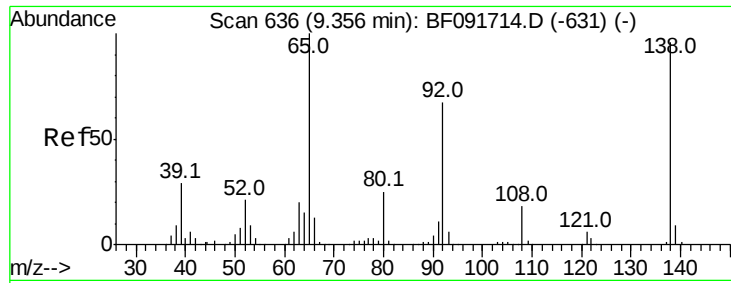


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





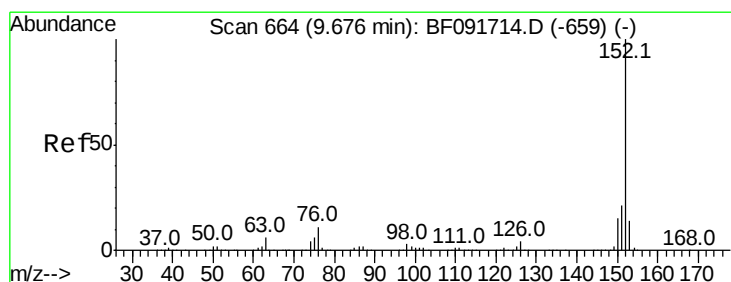
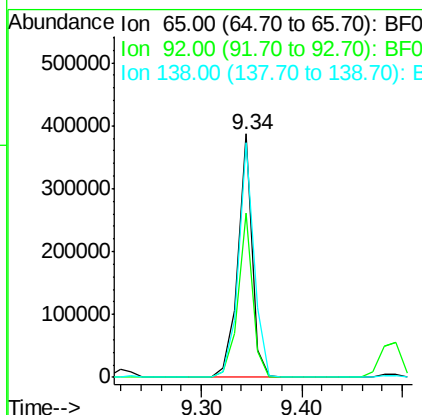
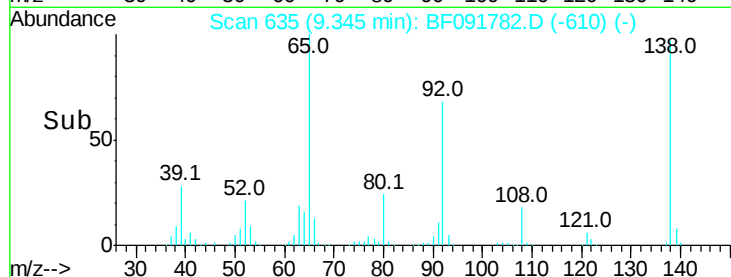
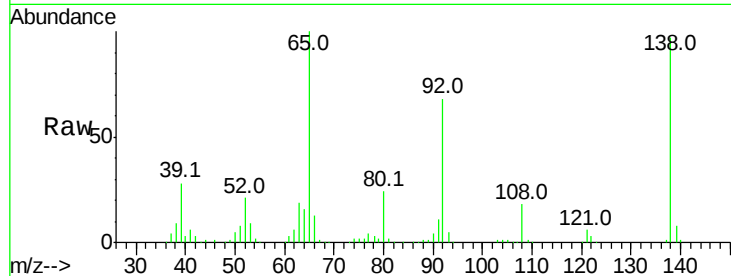
#47
2-Nitroaniline
Concen: 39.39 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.9	80.9
138	96.5	76.8	115.2

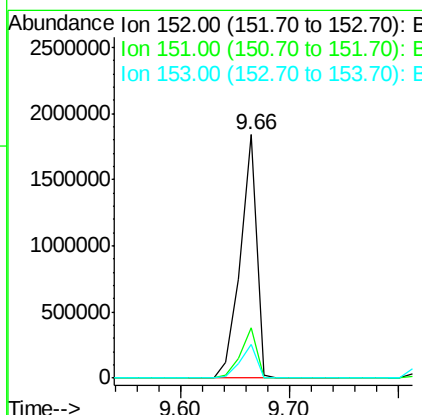
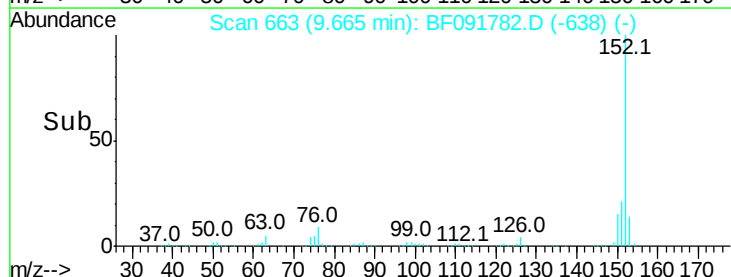
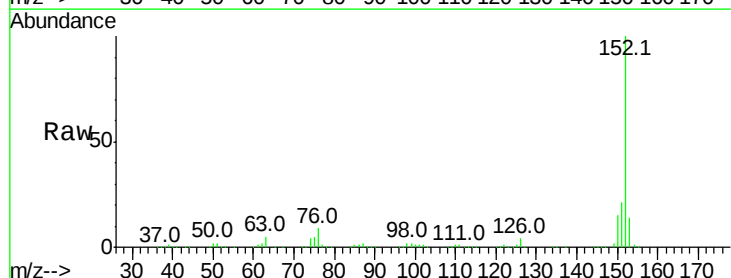
Manual Integrations
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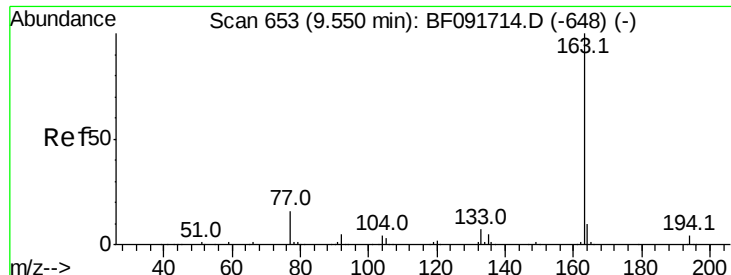
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#48
Acenaphthylene
Concen: 42.82 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	14.0	11.4	17.2





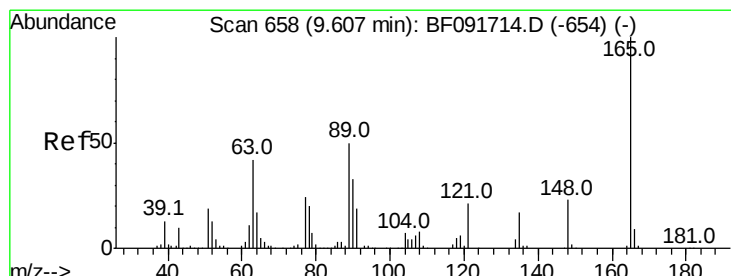
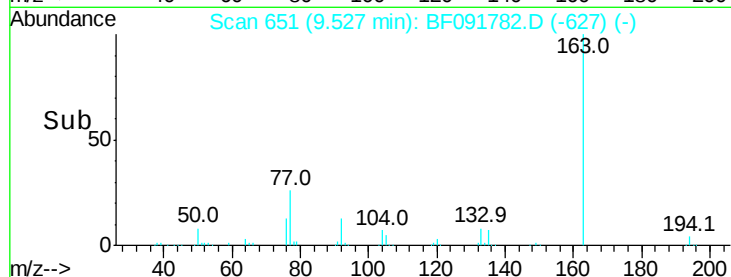
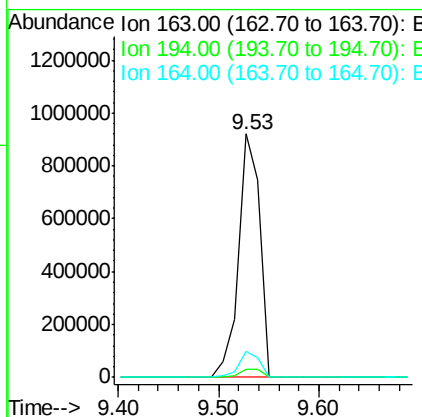
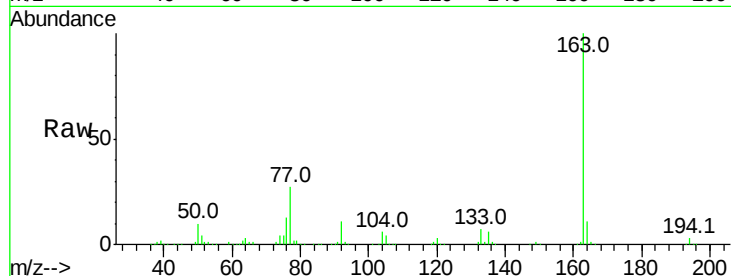
#49
Dimethylphthalate
Concen: 38.79 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1338030
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.8 8.0 12.0

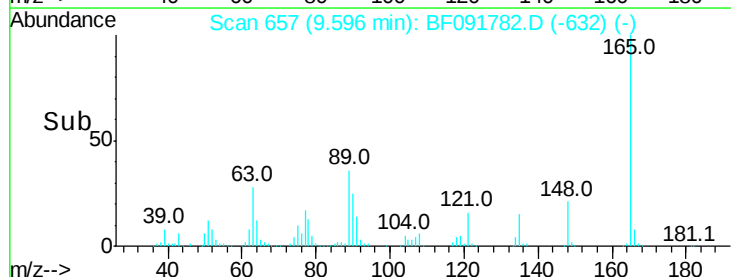
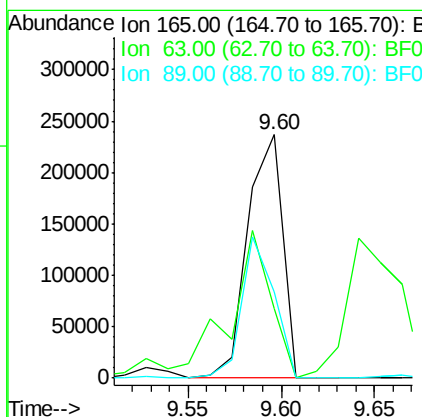
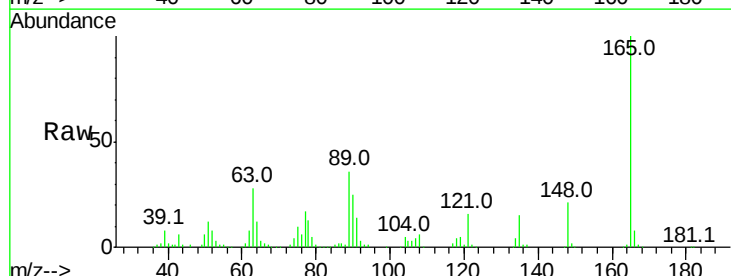
Manual Integrations
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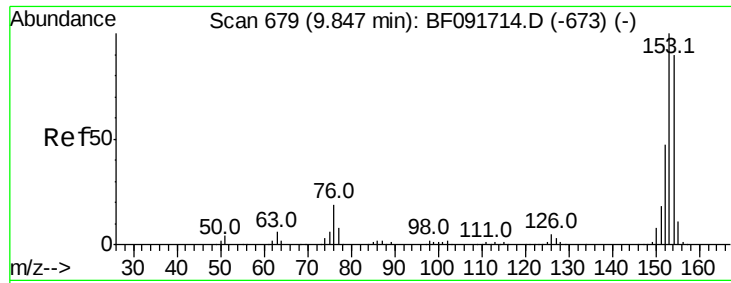
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#50
2,6-Dinitrotoluene
Concen: 40.49 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion:165 Resp: 306258
Ion Ratio Lower Upper
165 100
63 28.5 36.2 54.4#
89 35.6 40.2 60.4#





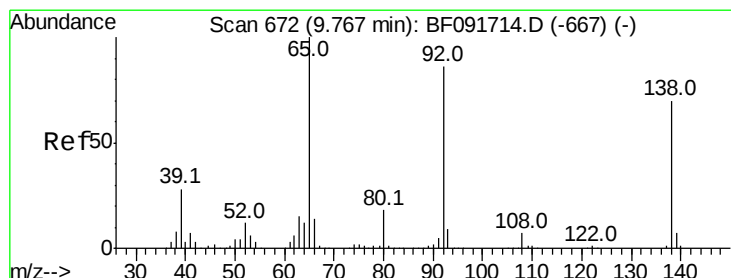
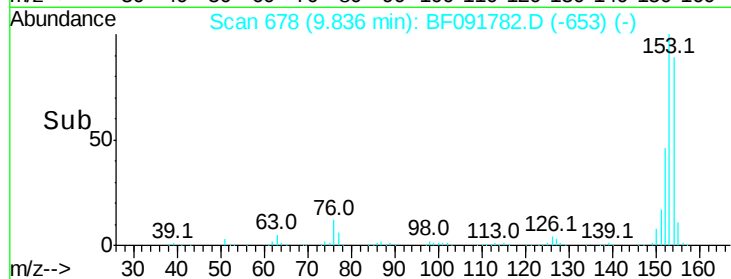
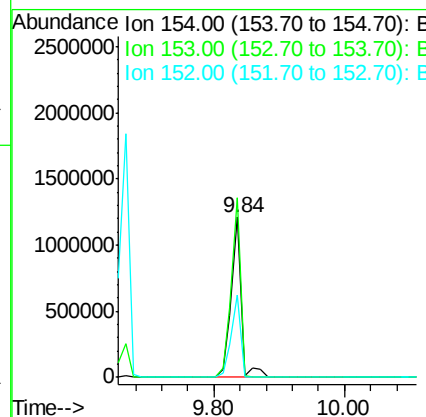
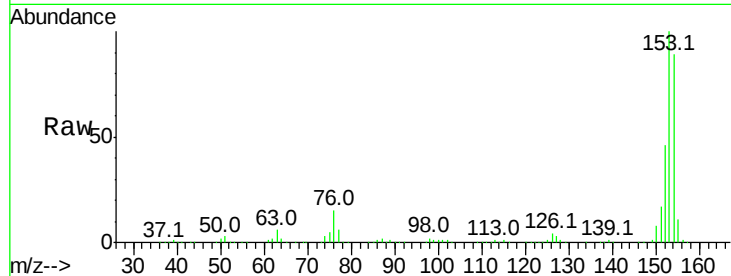
#51
Acenaphthene
Concen: 43.20 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	88.6	133.0
152	51.6	41.6	62.4

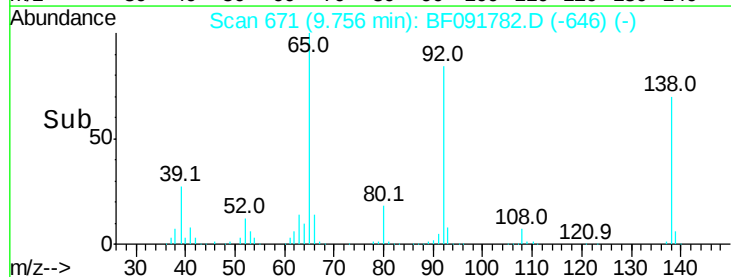
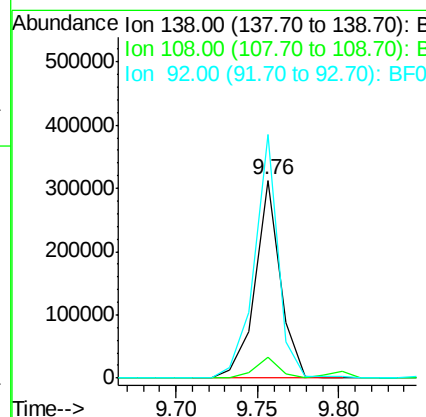
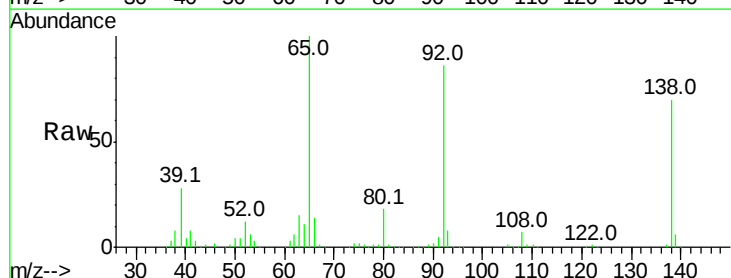
Manual Integrations
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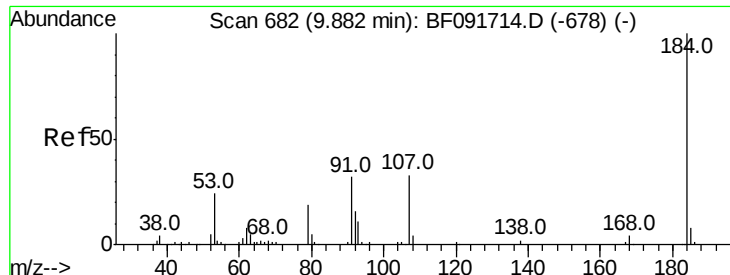
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#52
3-Nitroaniline
Concen: 35.77 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.5	12.7
92	123.2	97.8	146.8





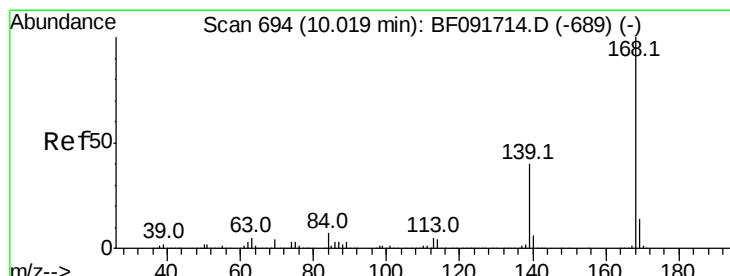
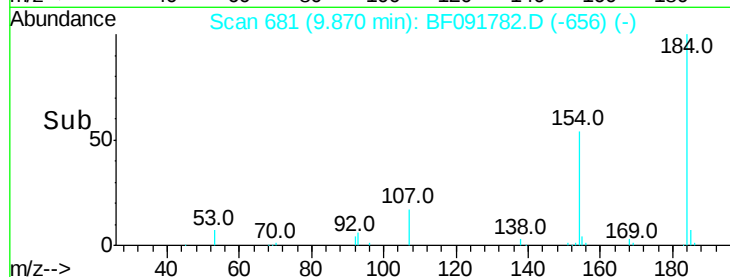
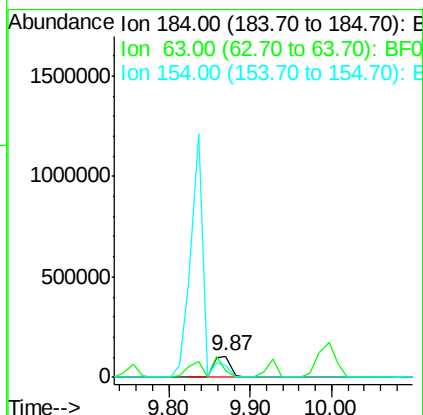
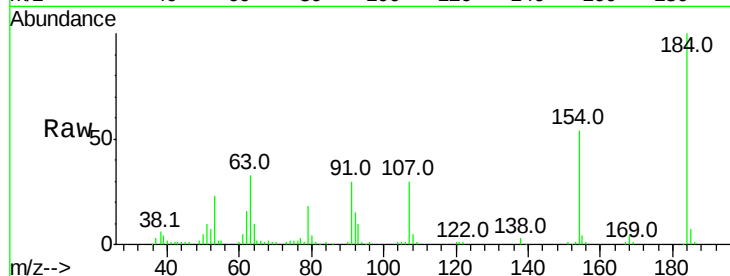
#53
 2,4-Dinitrophenol
 Concen: 39.36 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	160793		
63	33.3	28.4	42.6	
154	54.0	44.3	66.5	

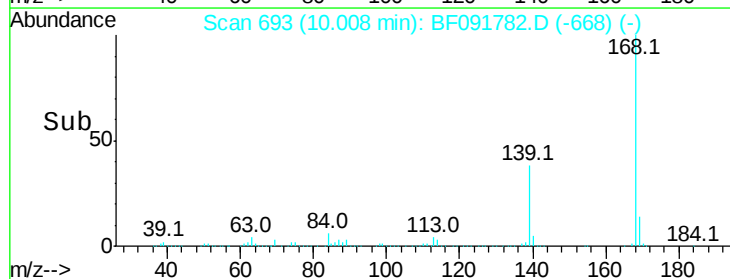
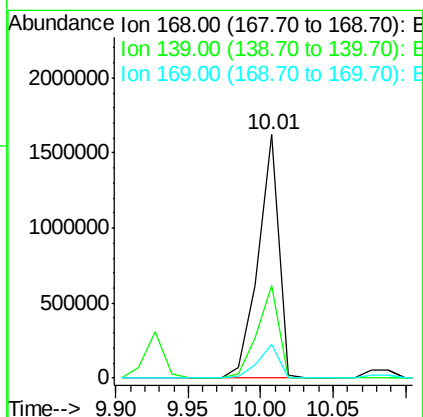
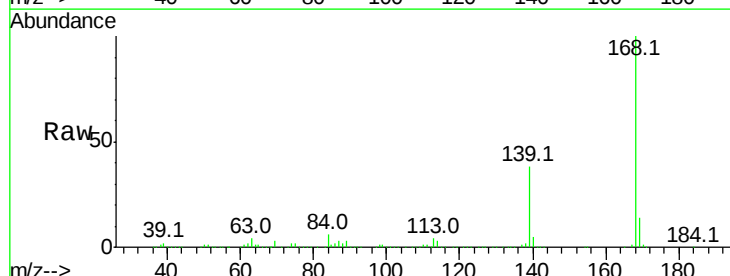
Manual Integrations
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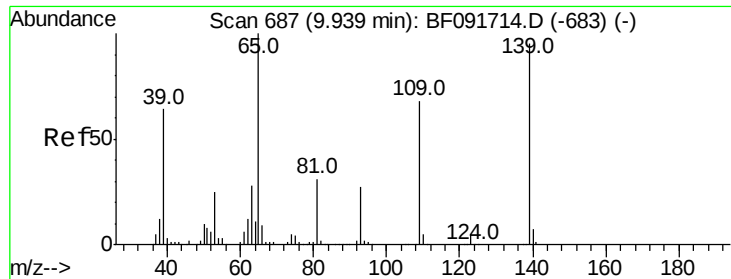
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#54
 Dibenzofuran
 Concen: 44.78 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1601473		
139	38.2	32.6	49.0	
169	13.6	11.3	16.9	





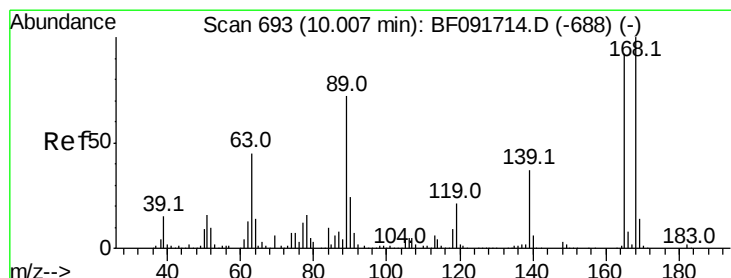
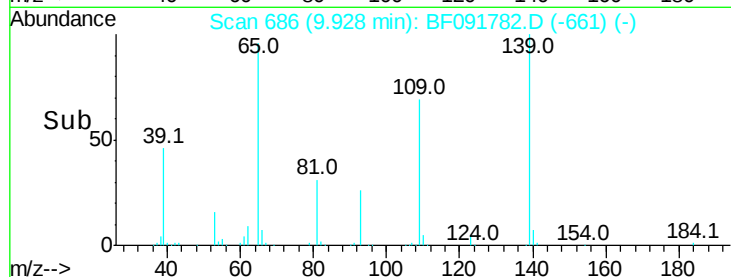
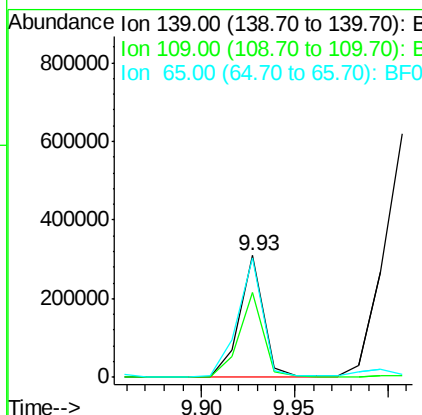
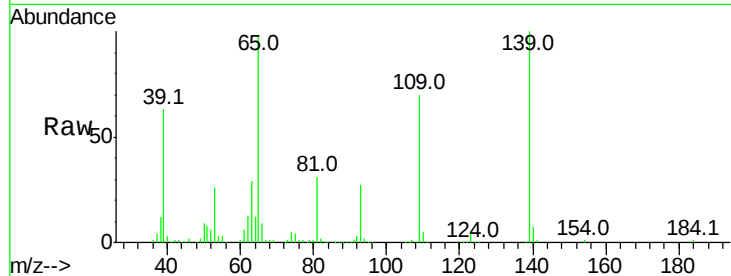
#55
4-Nitrophenol
Concen: 43.55 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	284811		
109	69.5	52.2	92.2	
65	98.3	85.8	125.8	

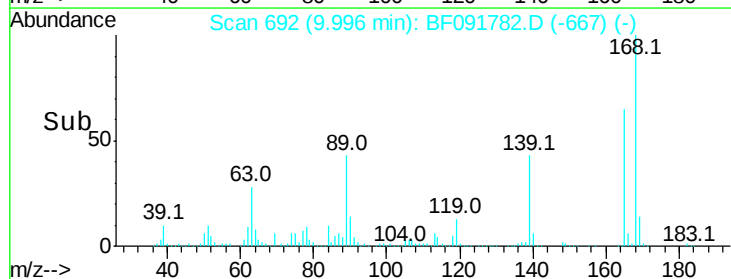
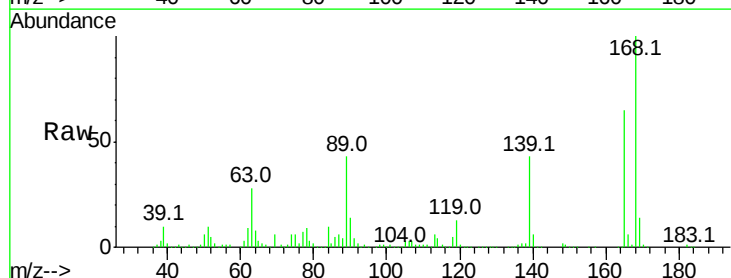
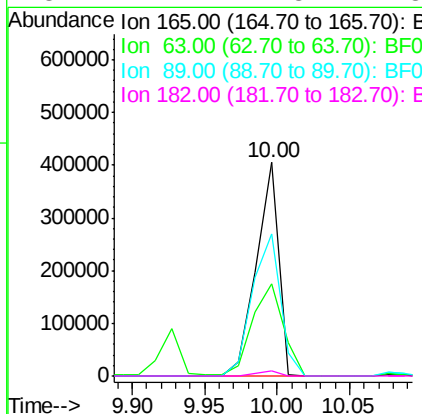
Manual Integrations
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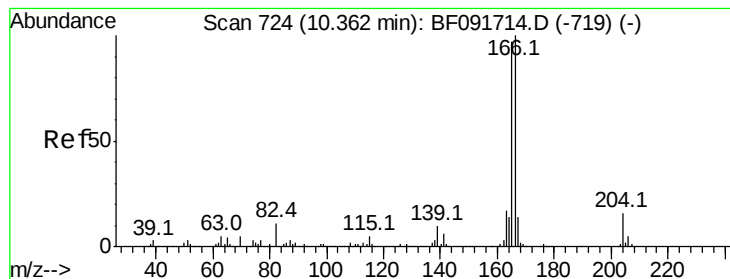
sohil
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#56
2,4-Dinitrotoluene
Concen: 45.96 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	434190		
63	43.1	40.2	60.4	
89	66.6	62.5	93.7	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 45.59 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1266544

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.8

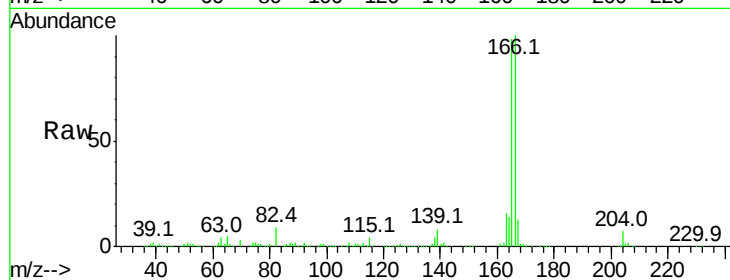
167 13.4 10.8 16.2

Manual Integrations

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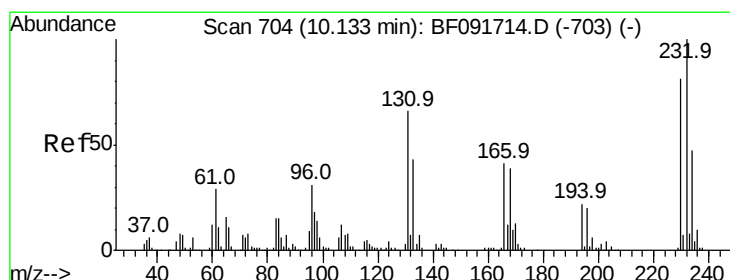
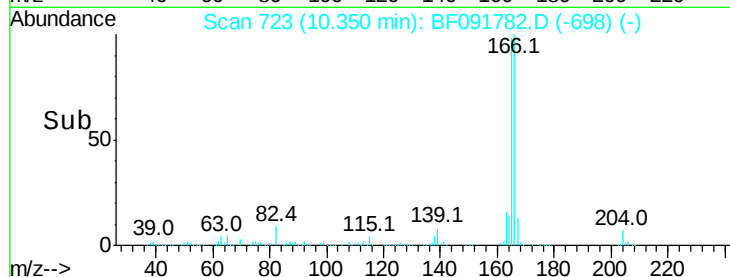
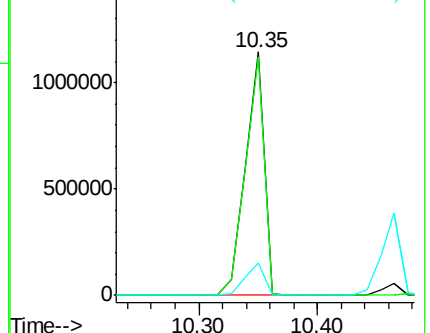
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.23 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Tgt Ion:232 Resp: 292016

Ion Ratio Lower Upper

232 100

131 50.6 40.1 60.1

130 2.4 1.8 2.8

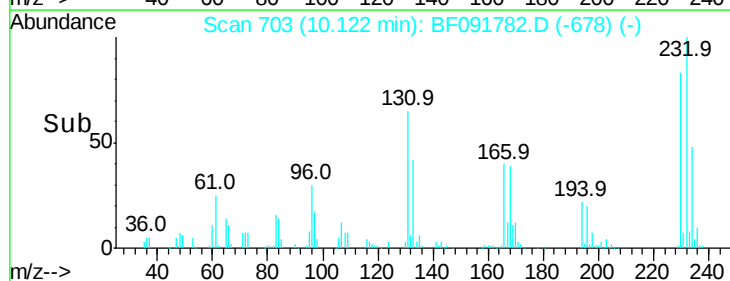
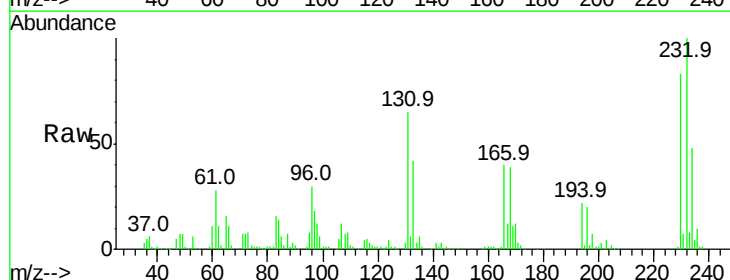
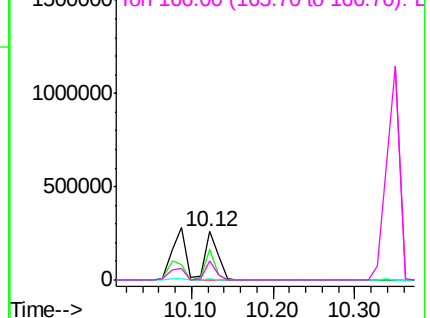
166 33.3 26.6 39.8

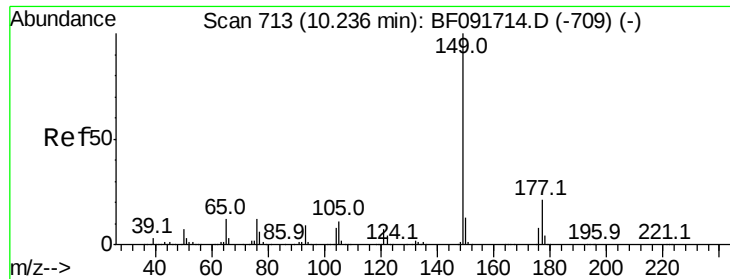
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





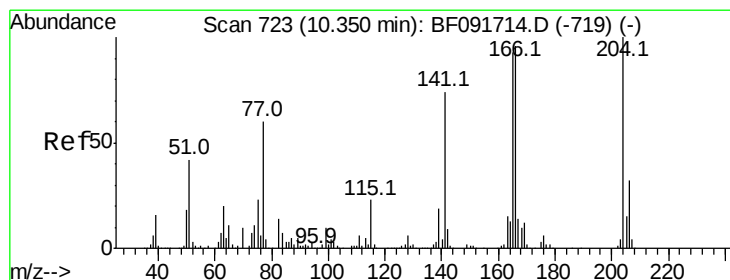
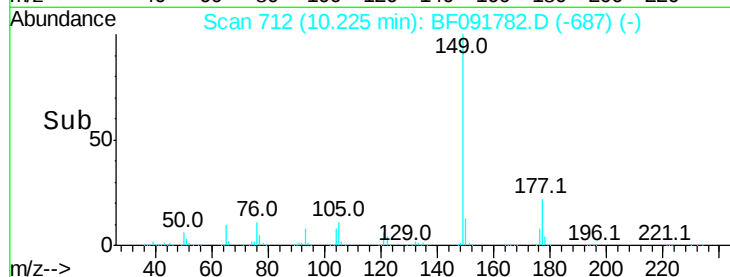
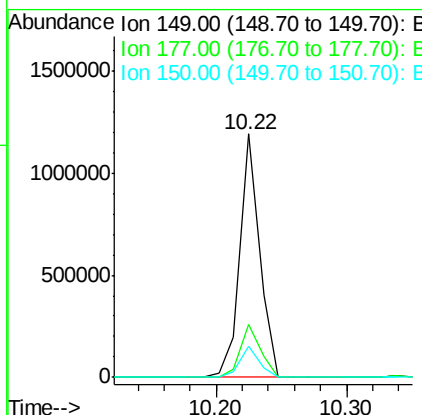
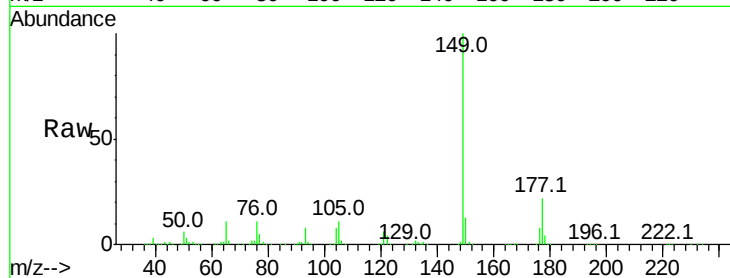
#59
Diethylphthalate
Concen: 36.73 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.6	25.0
150	12.8	10.4	15.6

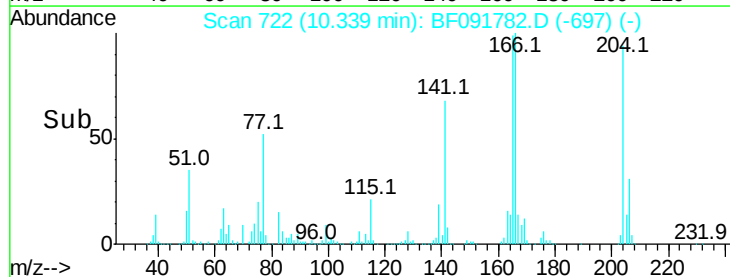
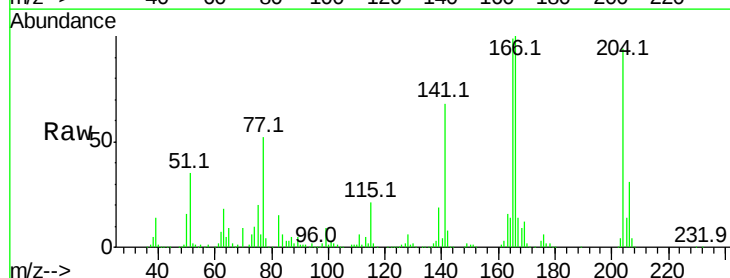
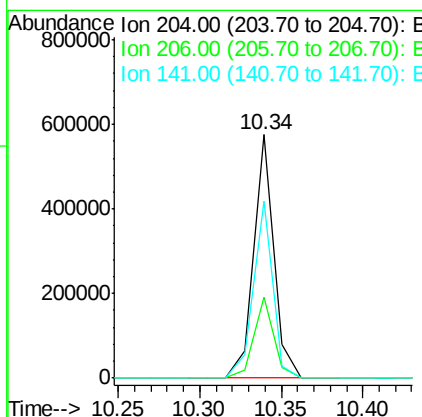
Manual Integrations
APPROVED

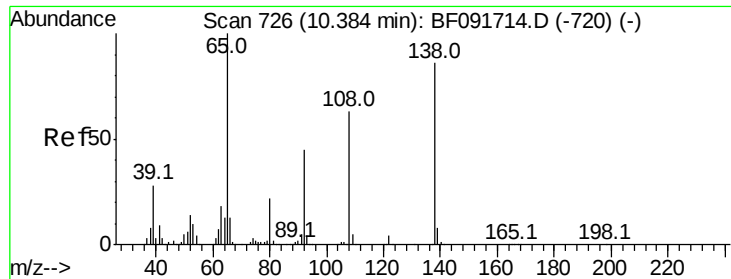
sohil
12/20/2016 6:32:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.08 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.6
141	72.8	59.4	89.0





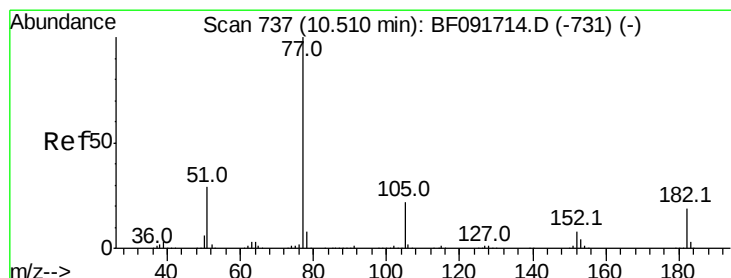
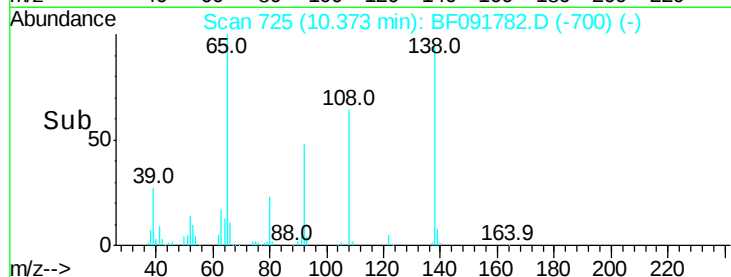
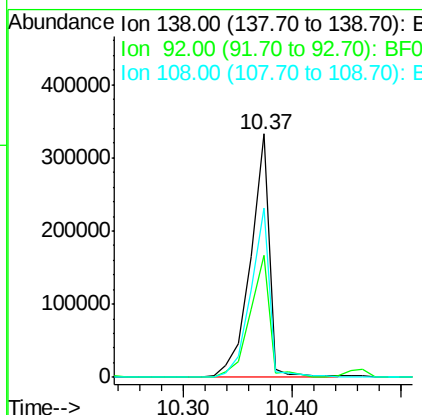
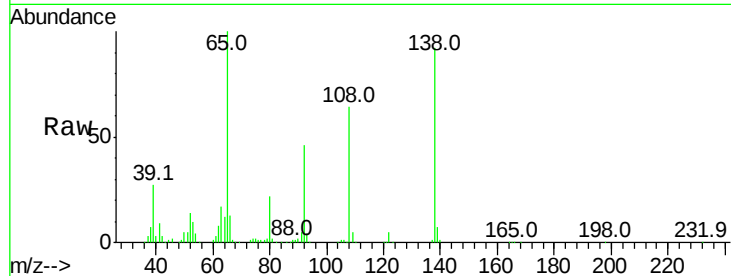
#61
4-Nitroaniline
Concen: 45.13 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.0	31.7	71.7
108	69.6	52.6	92.6

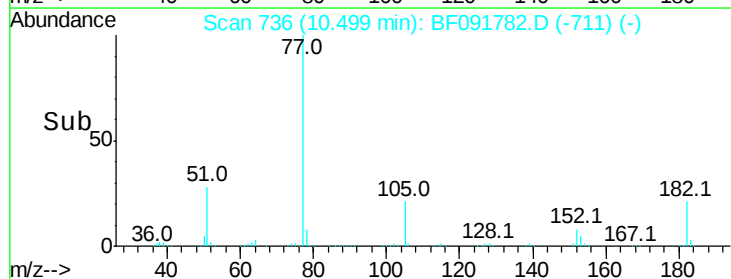
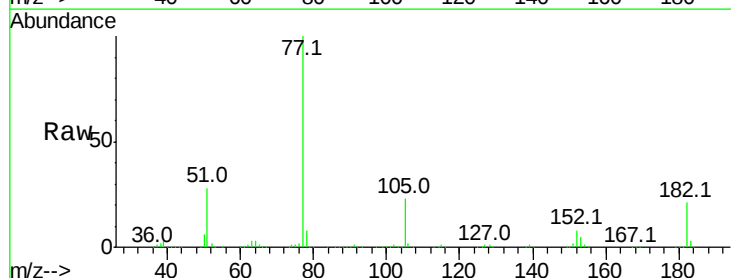
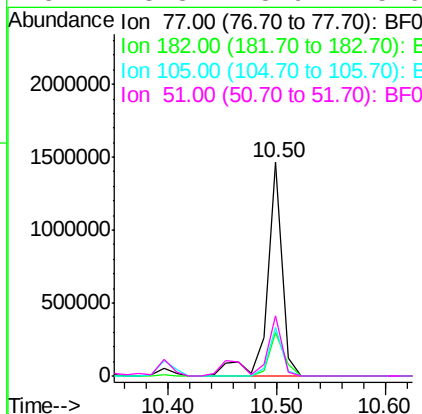
Manual Integrations
APPROVED

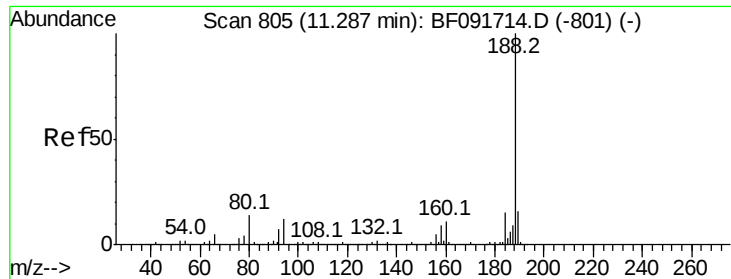
sohil
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#62
Azobenzene
Concen: 39.17 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.6	0.0	39.3
105	22.7	2.3	42.3
51	28.3	8.9	48.9





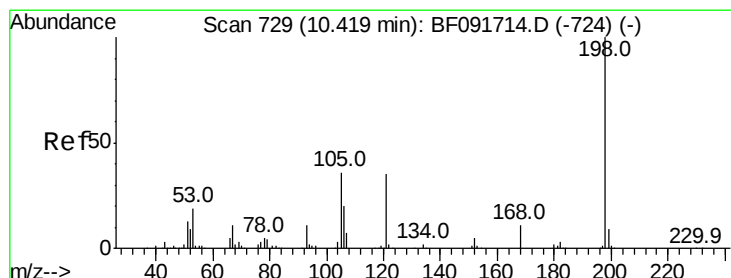
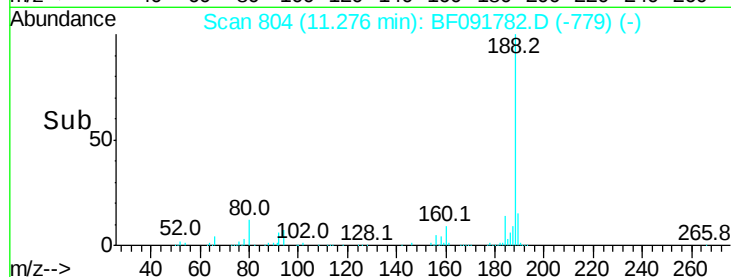
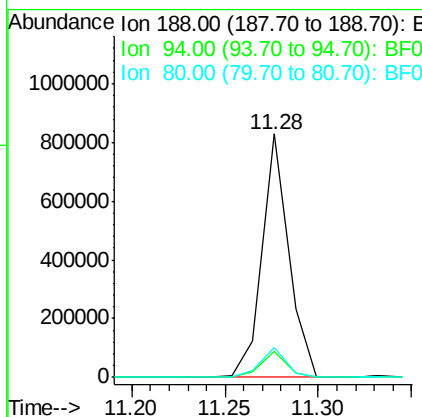
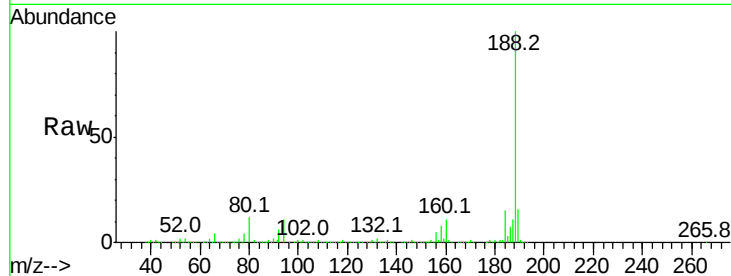
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	818640		
94	10.8		10.0	15.0
80	12.4		11.2	16.8

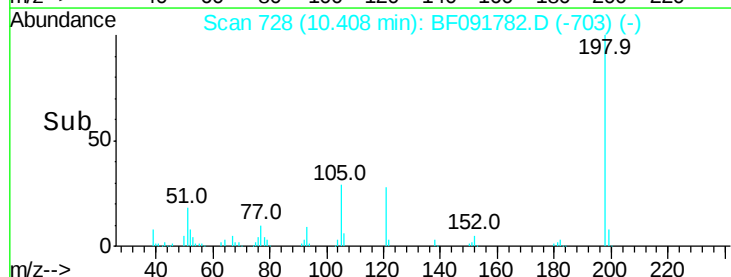
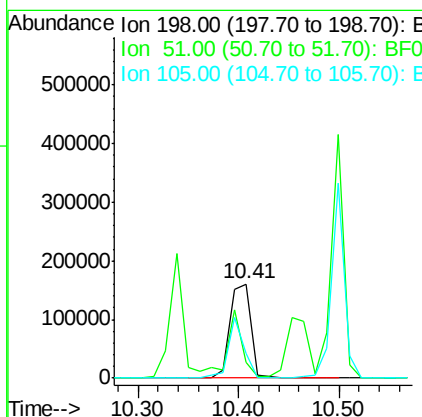
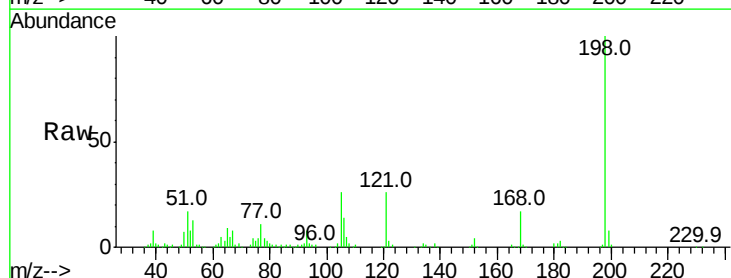
Manual Integrations
APPROVED

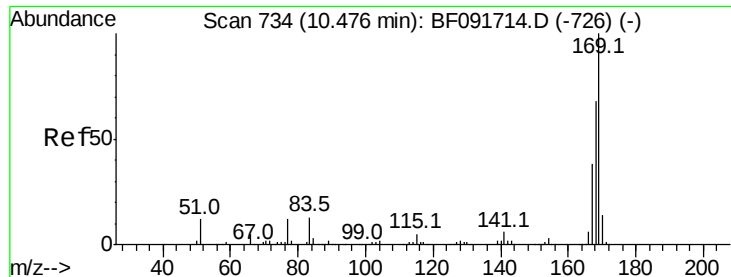
sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.64 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	230211		
51	16.8		6.7	46.7
105	26.0		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 44.14 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1121947

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

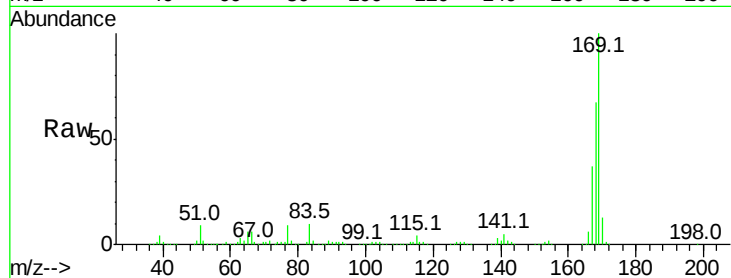
167 37.1 30.2 45.4

Manual Integrations

APPROVED

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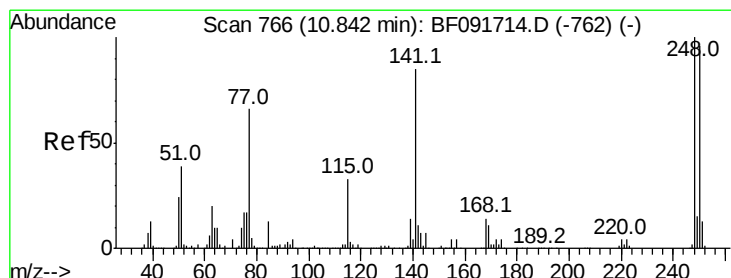
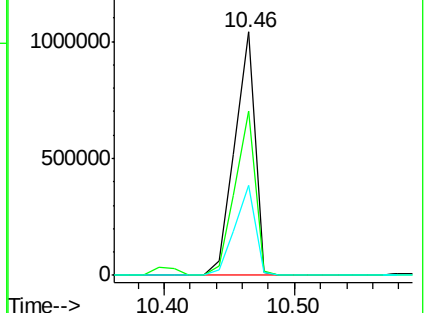
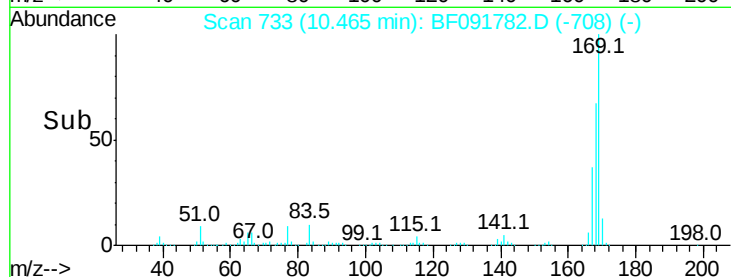
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.14 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

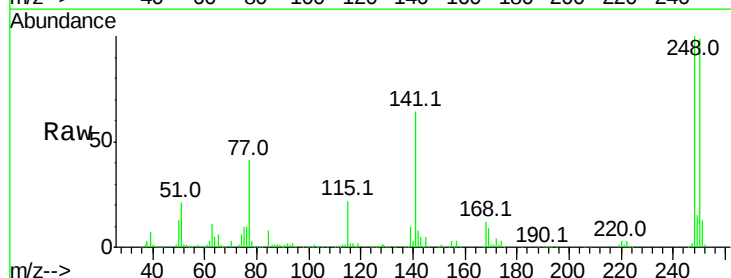
Tgt Ion:248 Resp: 370300

Ion Ratio Lower Upper

248 100

250 98.8 76.9 115.3

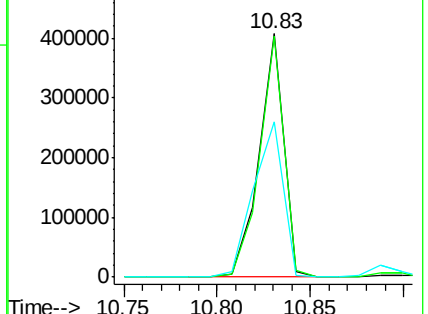
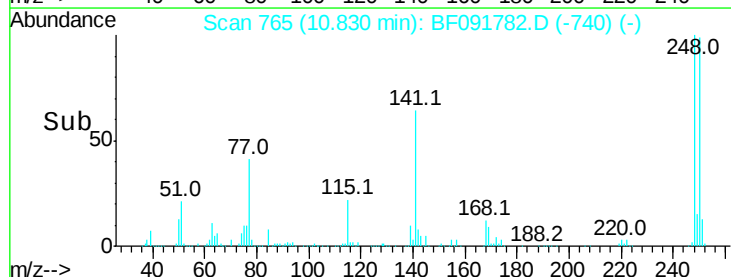
141 63.8 68.2 102.4#

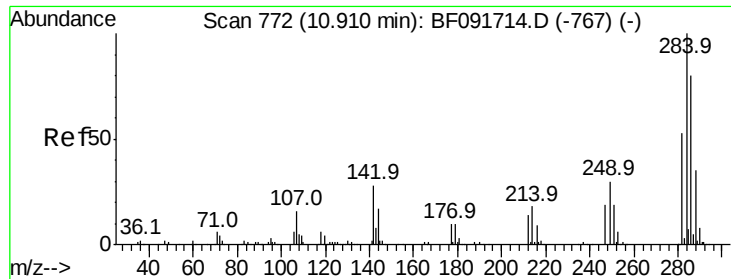


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





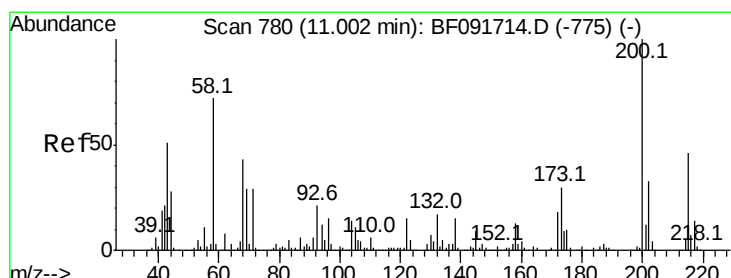
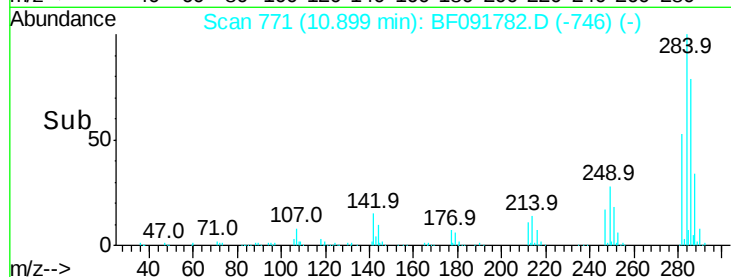
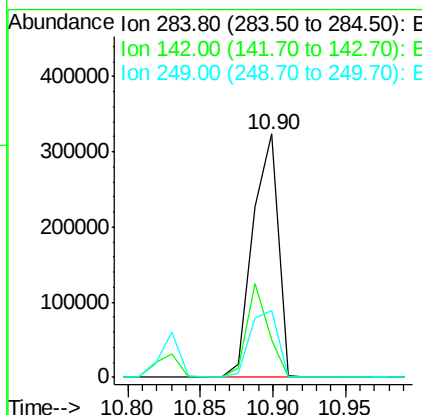
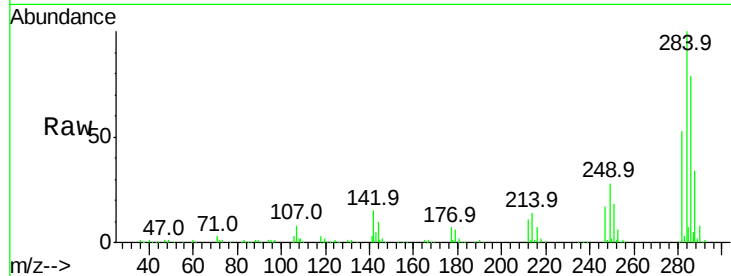
#67
Hexachlorobenzene
Concen: 43.57 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	15.5	22.6	33.8	
249	27.6	25.4	38.0	

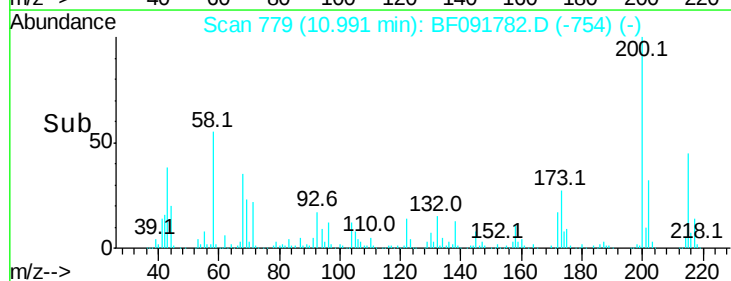
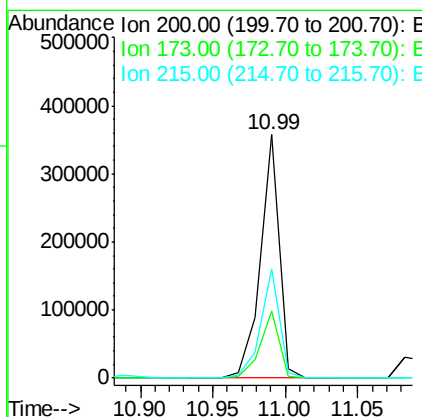
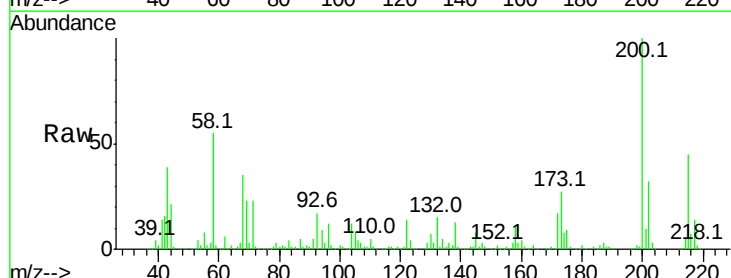
Manual Integrations
APPROVED

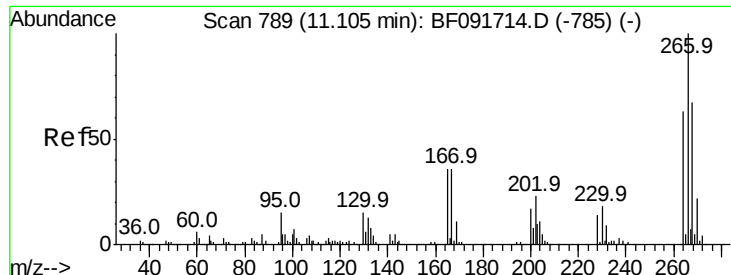
sohil
12/20/2016 6:32:42 PM



#68
Atrazine
Concen: 42.05 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.3	9.6	49.6	
215	44.7	25.7	65.7	





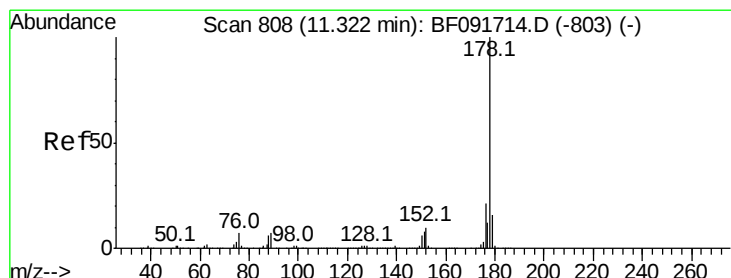
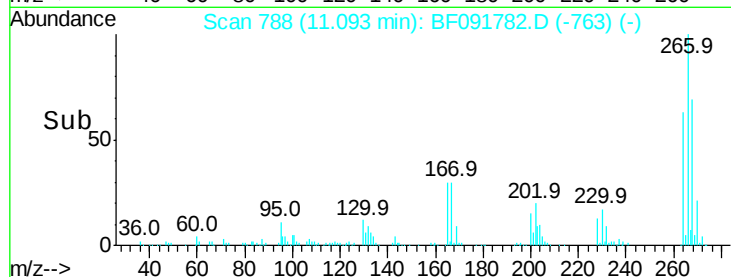
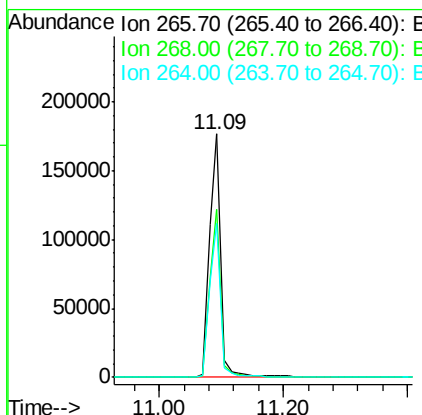
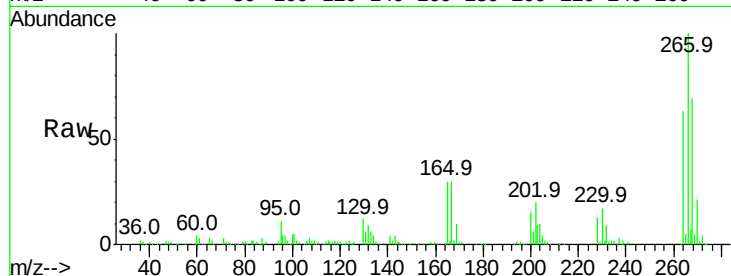
#69
 Pentachlorophenol
 Concen: 45.30 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	219896		
268	68.9	53.3	79.9	
264	63.4	50.3	75.5	

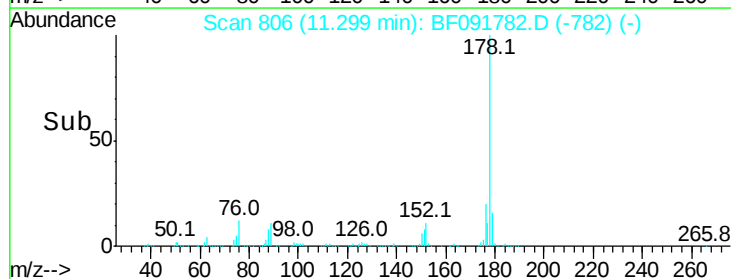
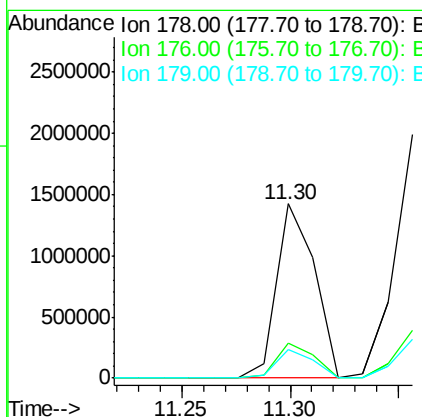
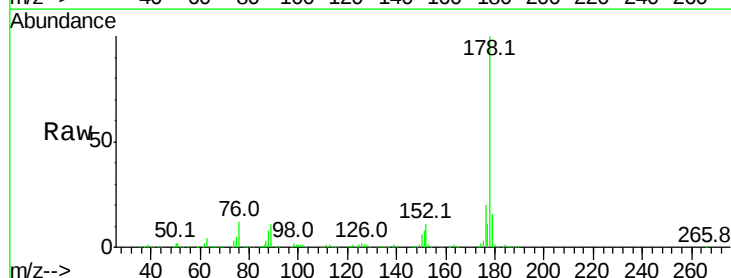
Manual Integrations
 APPROVED

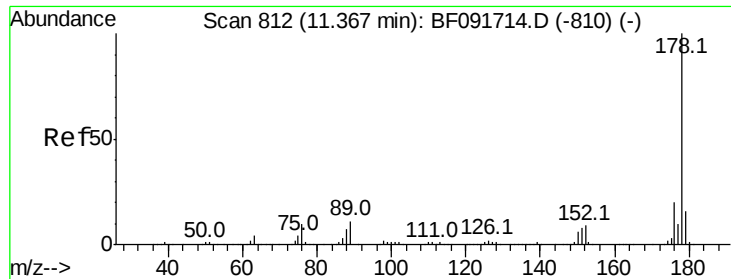
sohil
 12/20/2016 6:32:42 PM



#70
 Phenanthrene
 Concen: 42.60 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1742544		
176	19.9	16.6	25.0	
179	16.2	12.8	19.2	





#71
 Anthracene
 Concen: 43.05 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

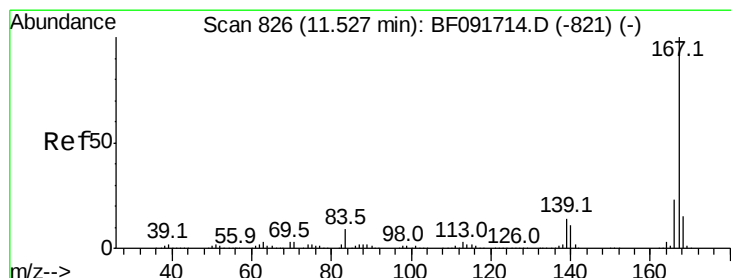
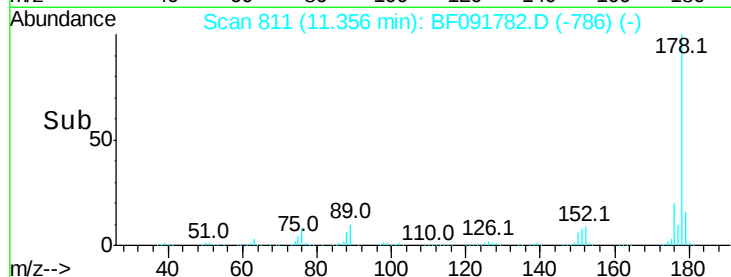
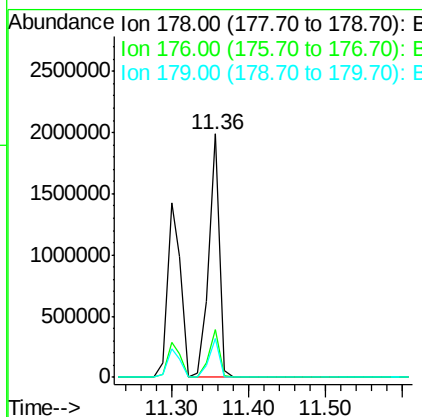
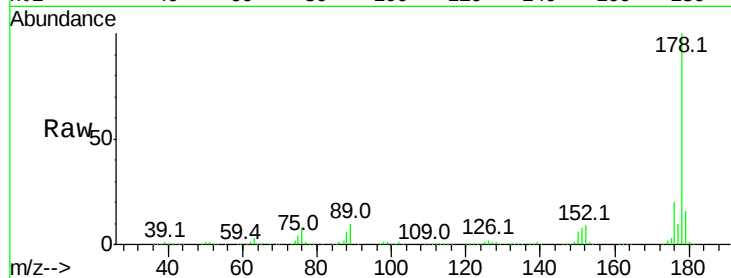
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1865011

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.0	13.2	19.8

Manual Integrations
 APPROVED

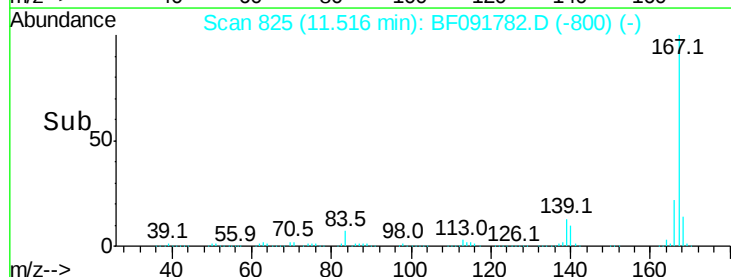
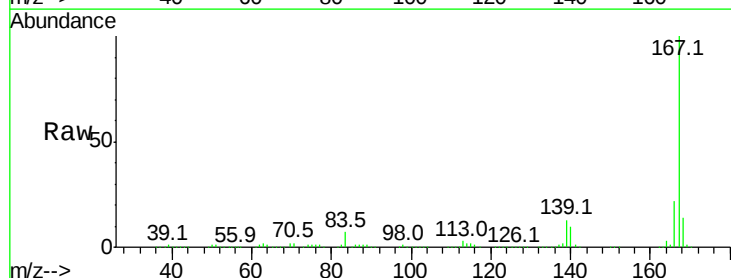
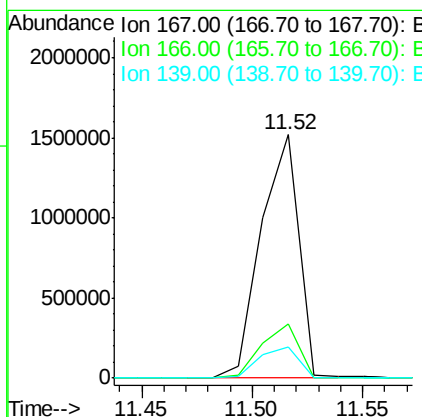
sohil
 12/20/2016 6:32:42 PM

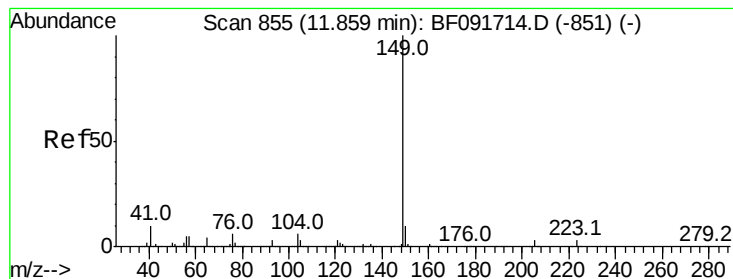


#72
 Carbazole
 Concen: 47.52 ng m
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Tgt Ion:167 Resp: 1800391

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.2
139	12.6	11.4	17.2





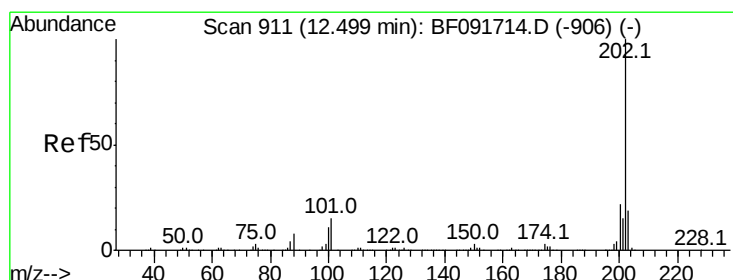
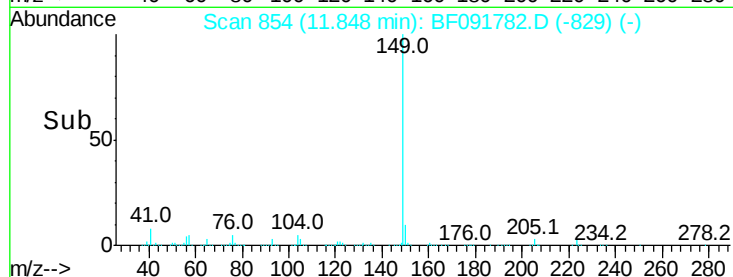
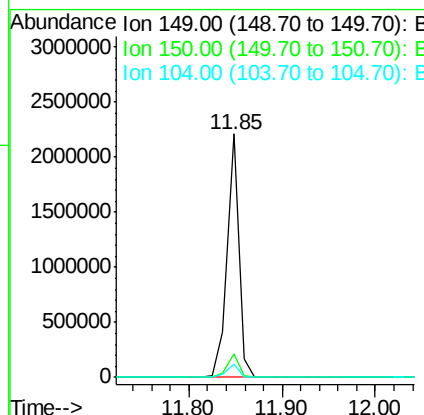
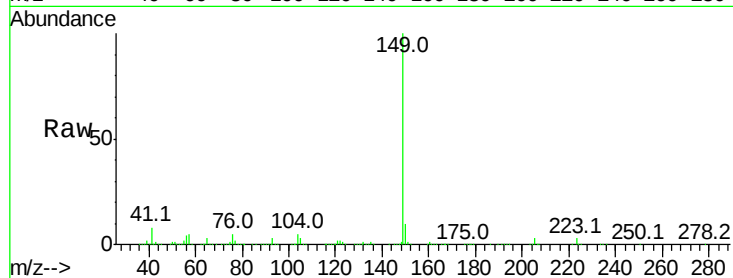
#73
Di-n-butylphthalate
Concen: 39.64 ng
RT: 11.85 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.3	4.6	7.0

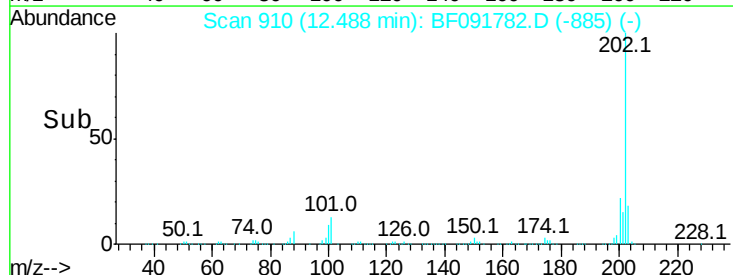
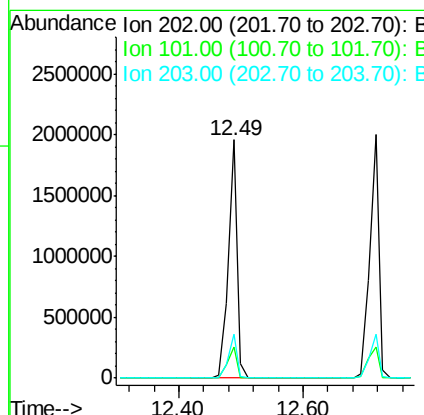
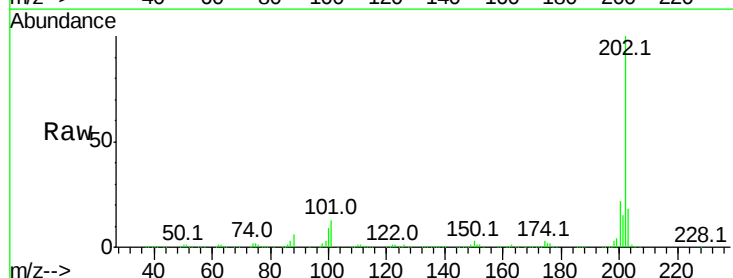
Manual Integrations
APPROVED

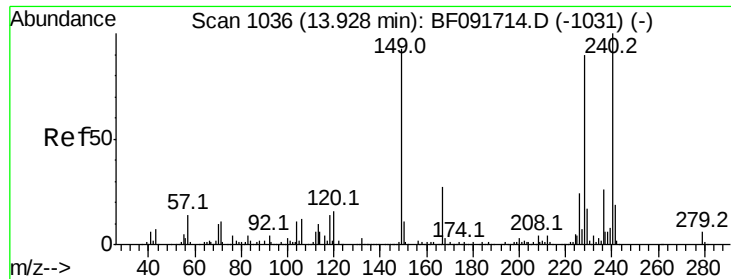
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#74
Fluoranthene
Concen: 43.82 ng
RT: 12.49 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.6
203	18.3	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

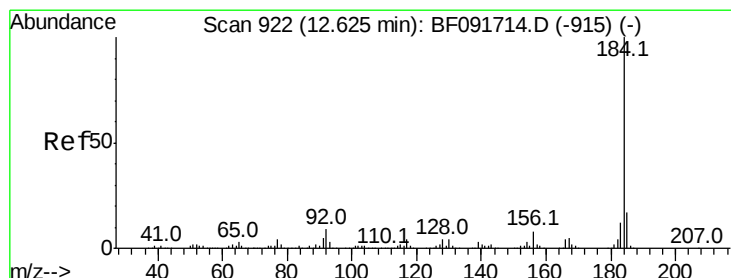
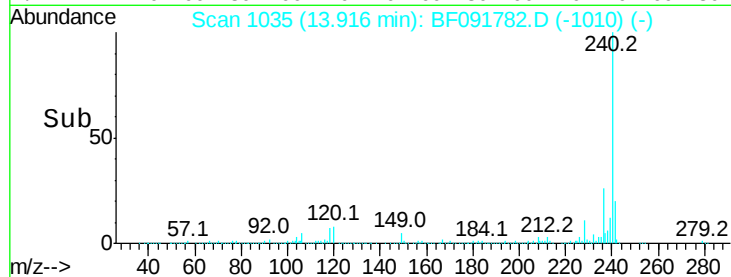
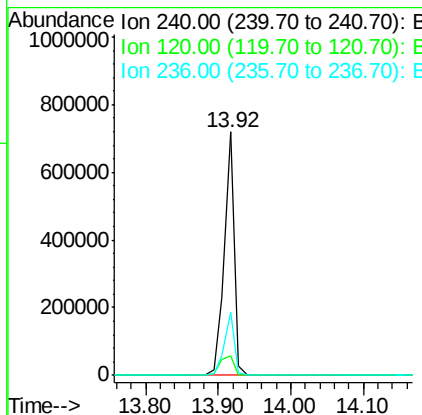
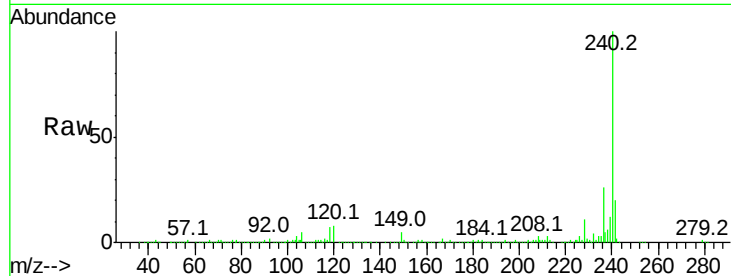
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	688871
Ion Ratio	Lower	Upper	
240	100		
120	8.2	12.9	19.3#
236	26.0	20.9	31.3

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#76

Benzidine

Concen: 42.73 ng

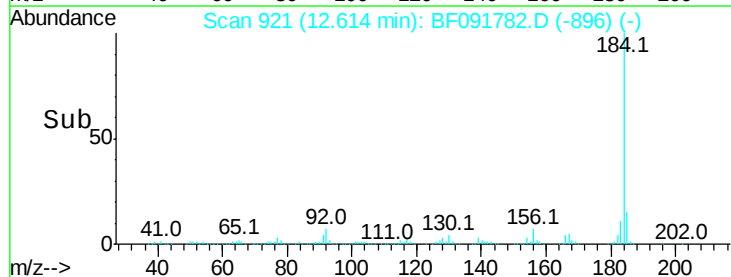
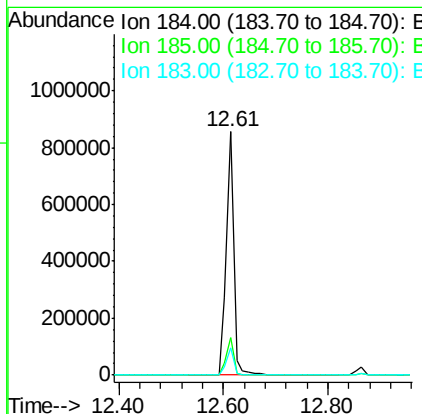
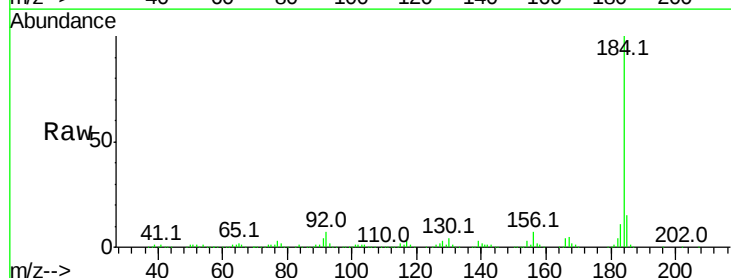
RT: 12.61 min Scan# 921

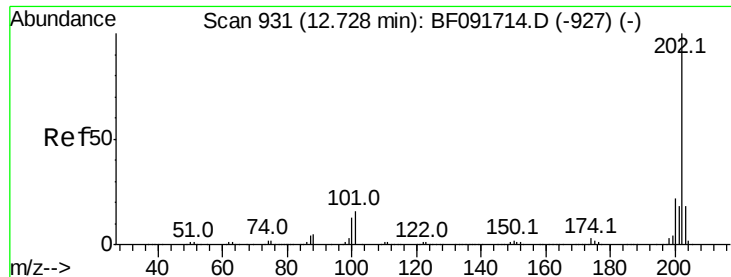
Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Tgt Ion:	184	Resp:	847389
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.4	20.0
183	11.1	9.2	13.8





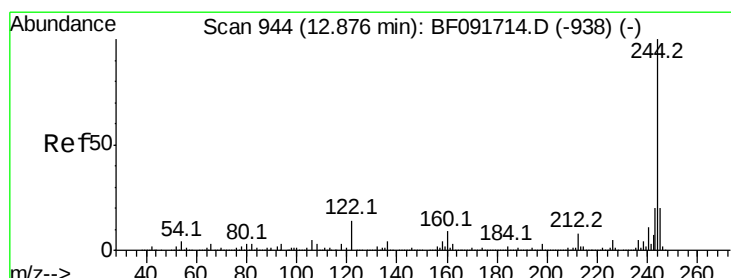
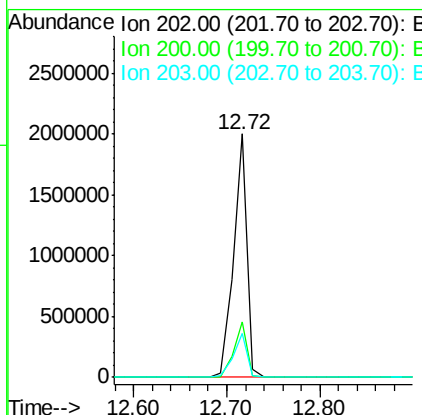
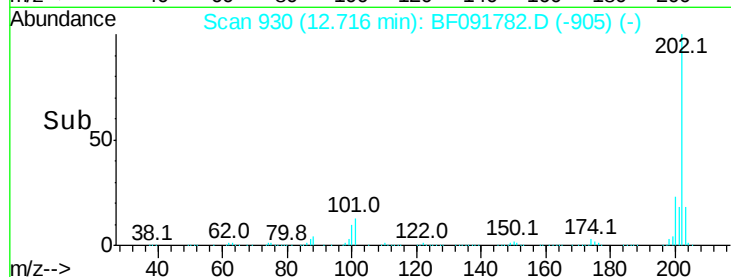
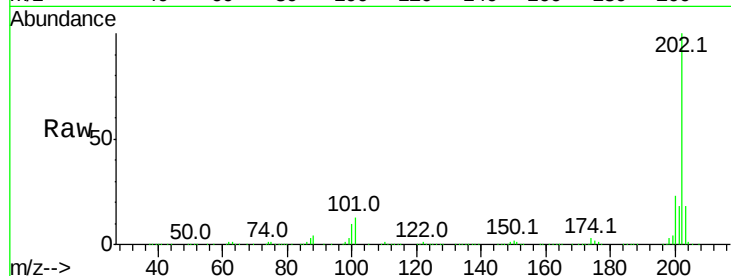
#77
Pvrene
Concen: 40.41 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.7	26.5
203	17.9	14.7	22.1

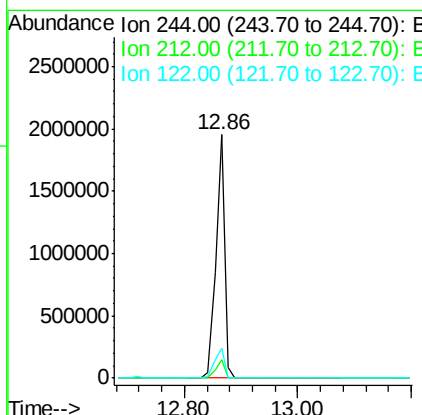
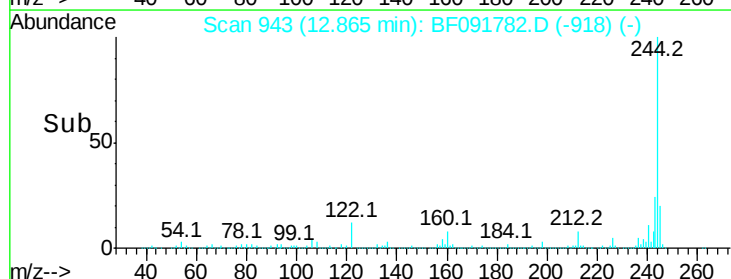
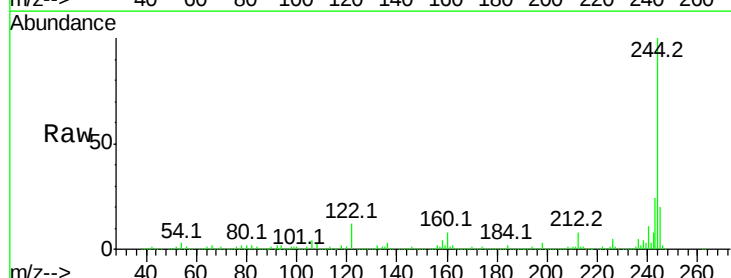
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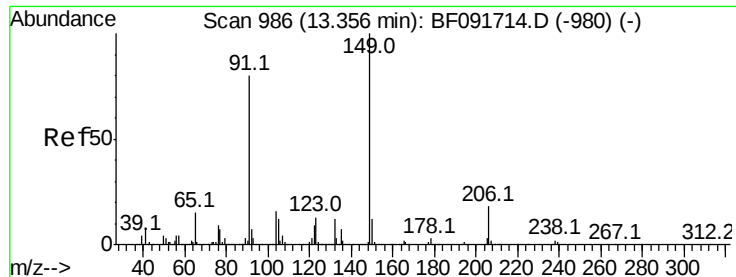
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#78
Terphenyl-d14
Concen: 74.04 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	12.4	11.4	17.2





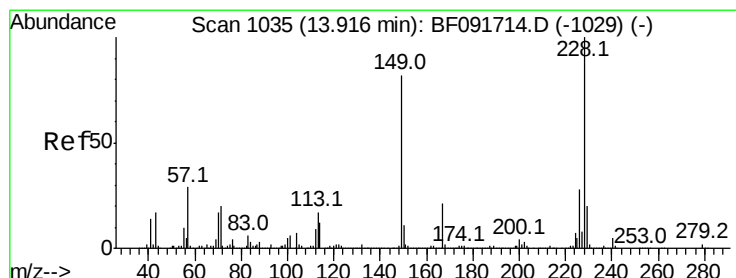
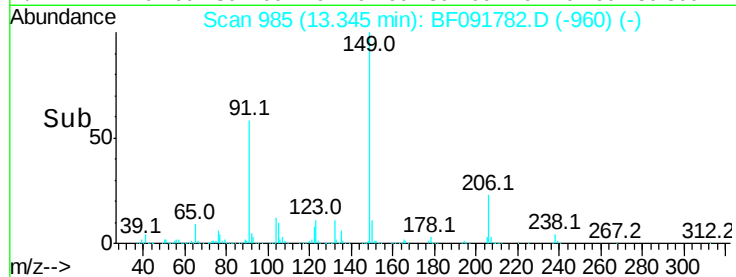
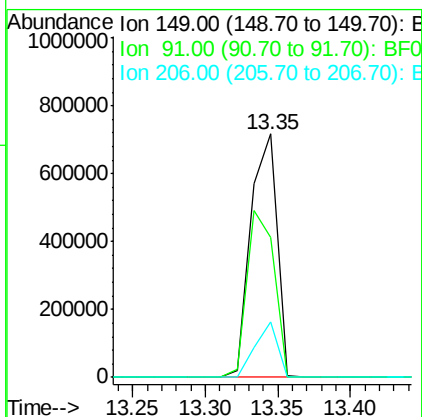
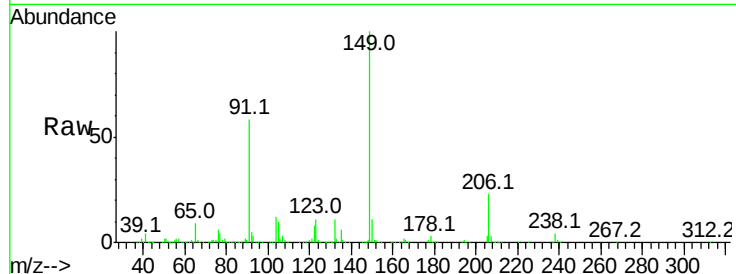
#79
Butylbenzylphthalate
Concen: 38.80 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	903364		
91	57.6	63.9	95.9#	
206	22.8	14.6	21.8#	

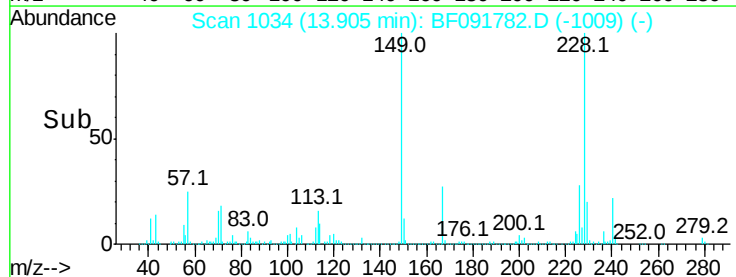
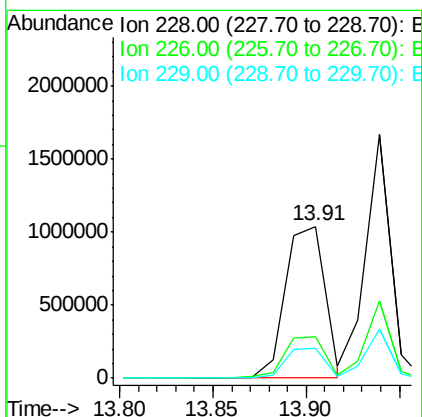
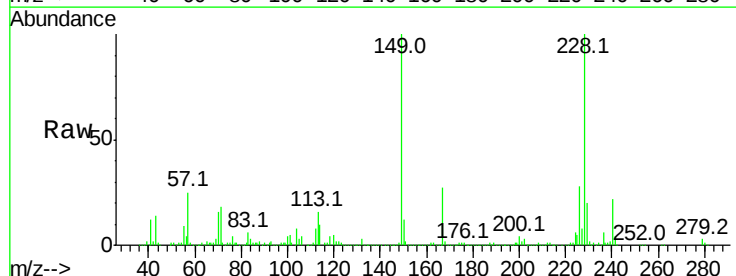
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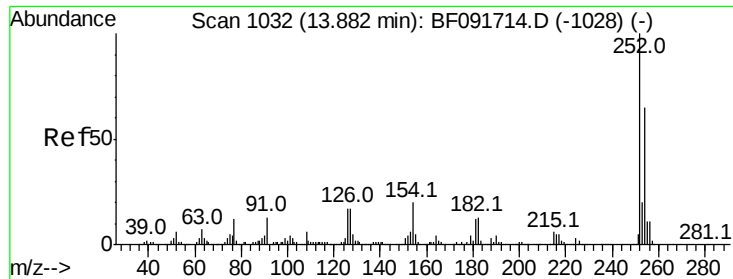
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#80
Benzo(a)anthracene
Concen: 38.85 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1530871		
226	27.6	22.4	33.6	
229	19.7	16.2	24.4	





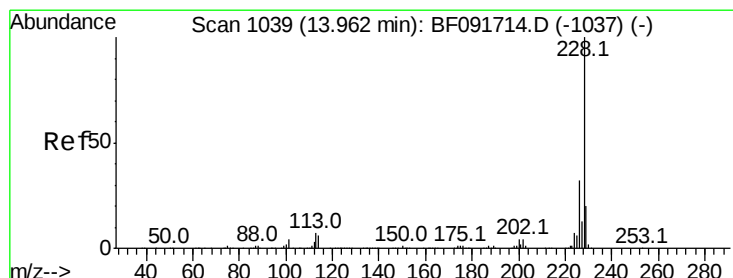
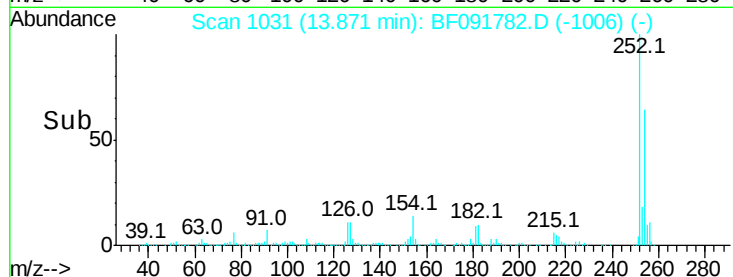
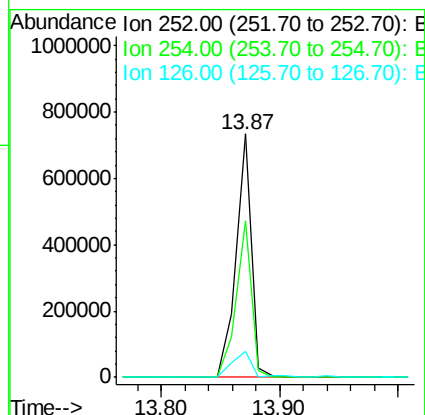
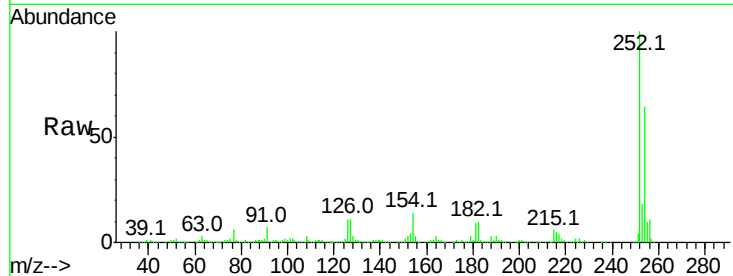
#81
 3,3'-Dichlorobenzidine
 Concen: 42.04 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.3	78.5
126	10.9	13.6	20.4

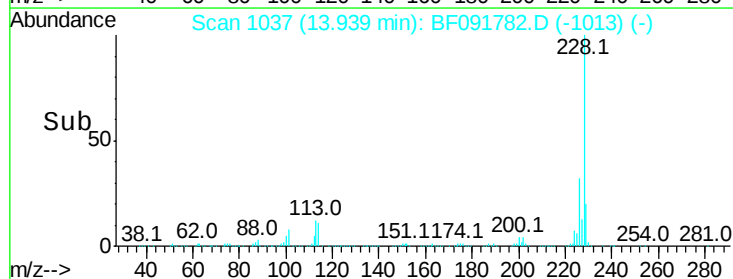
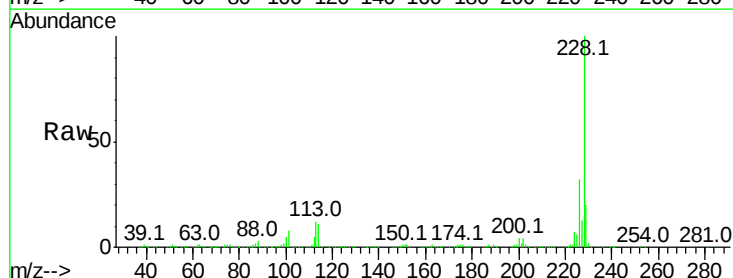
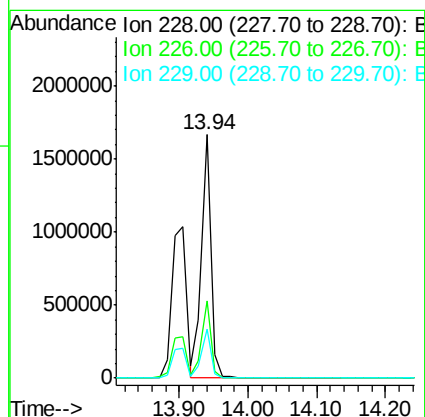
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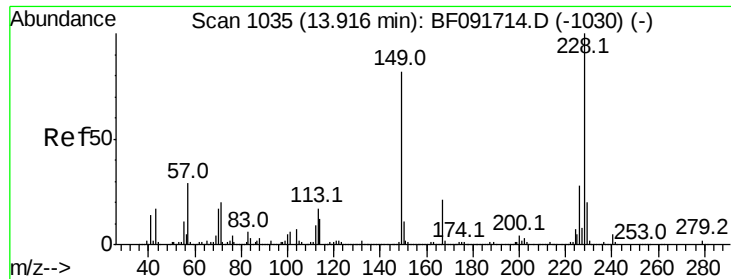
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#82
 Chrysene
 Concen: 37.90 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.0	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.82 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1057895

Ion Ratio Lower Upper

149 100

167 27.0 20.2 30.4

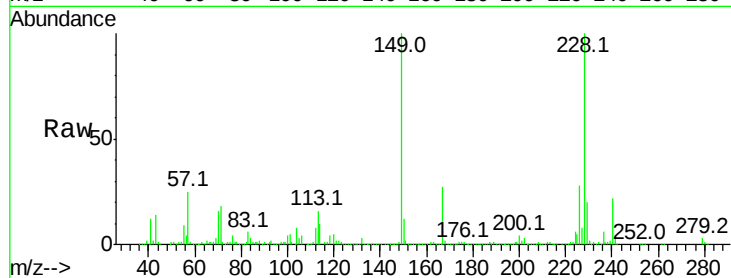
279 3.5 1.8 2.8#

Manual Integrations

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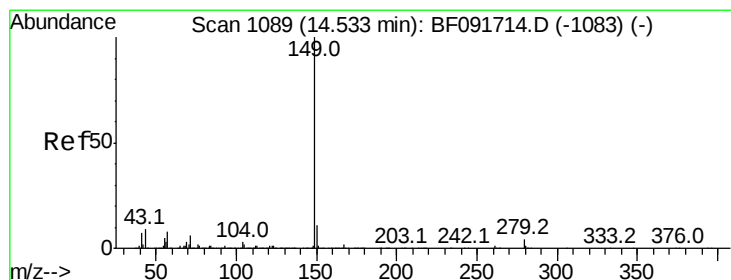
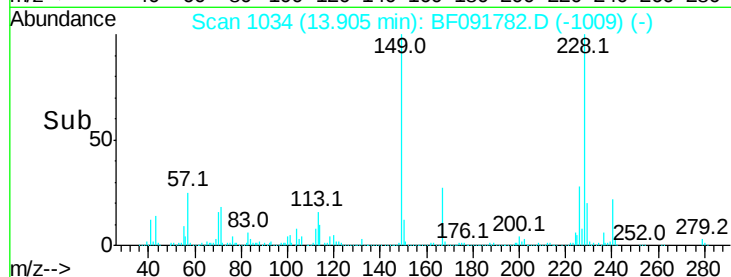
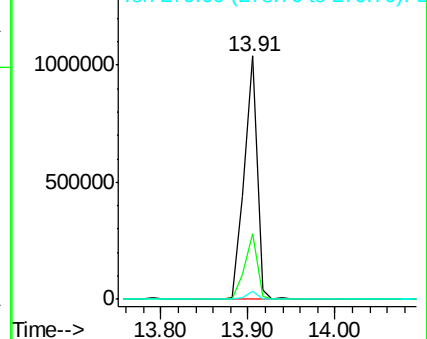
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.25 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

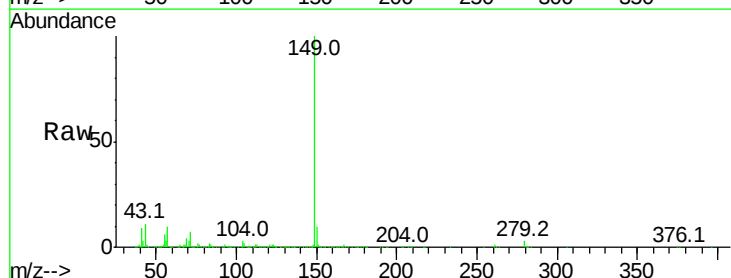
Tgt Ion:149 Resp: 1918383

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9#

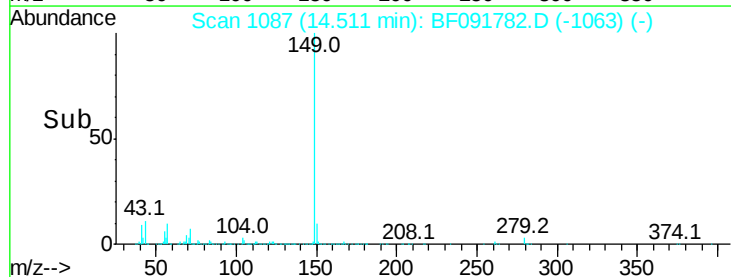
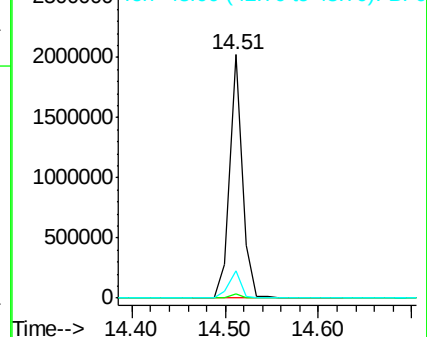
43 11.2 8.9 13.3

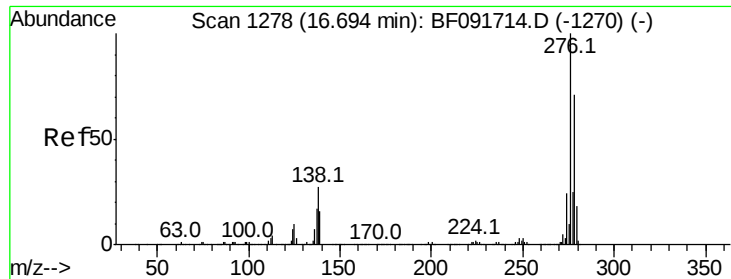


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





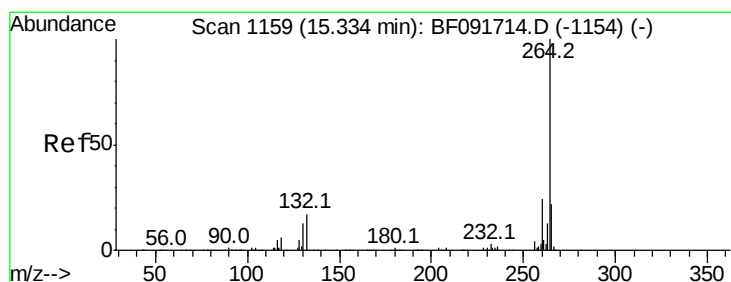
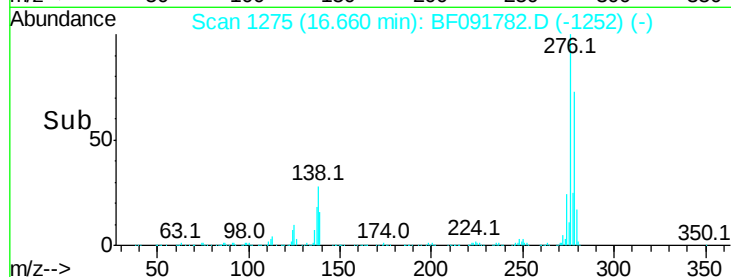
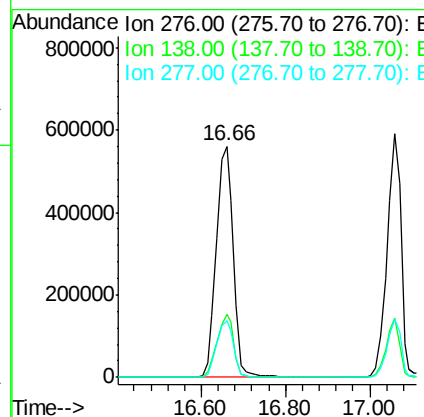
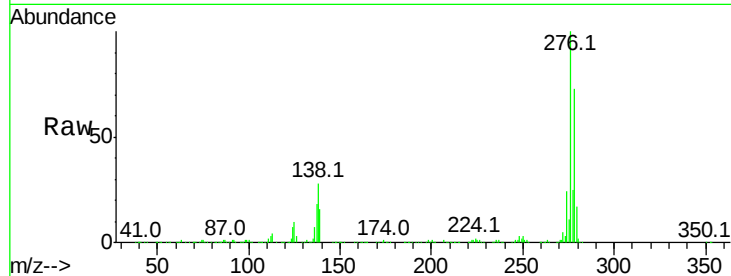
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.53 ng
 RT: 16.66 min Scan# 1275
 Delta R.T. -0.03 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.8	32.6
277	24.8	20.2	30.4

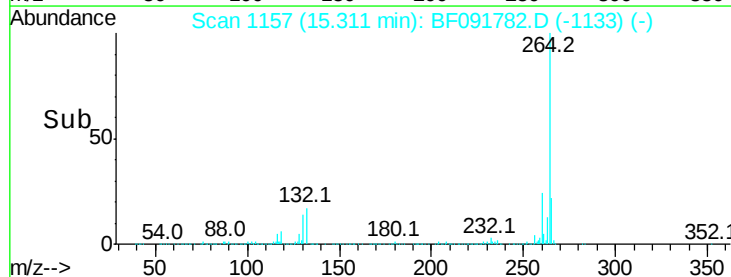
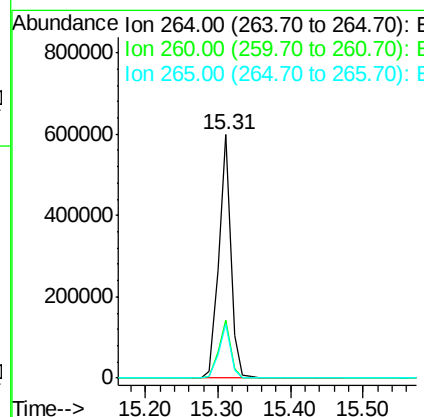
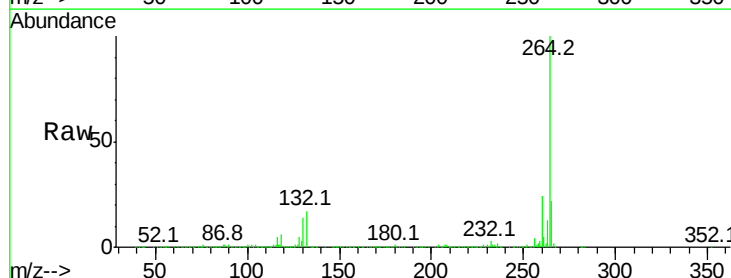
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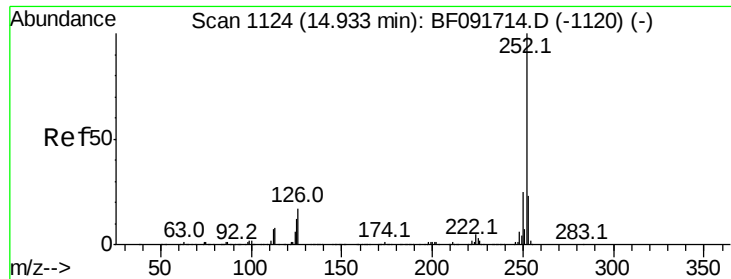
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091782.D
 Acq: 19 Dec 2016 19:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.4	26.0





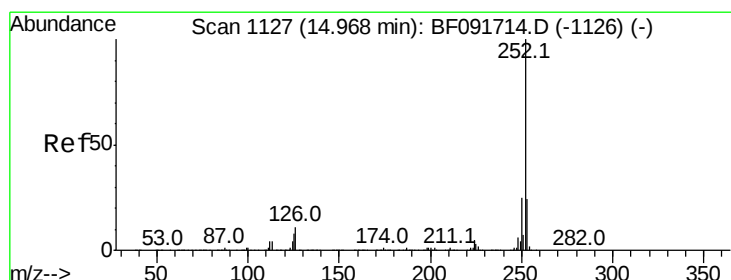
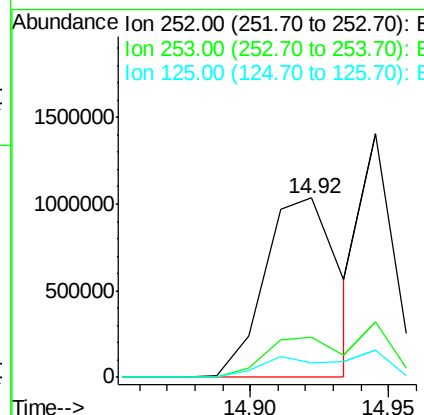
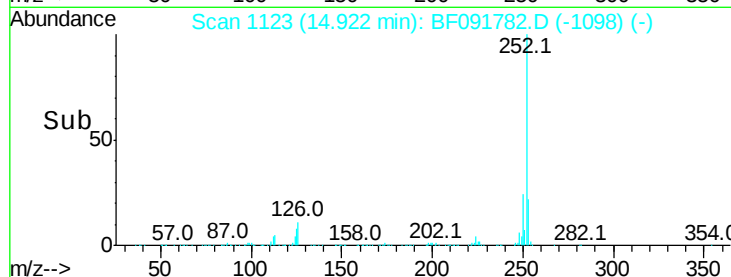
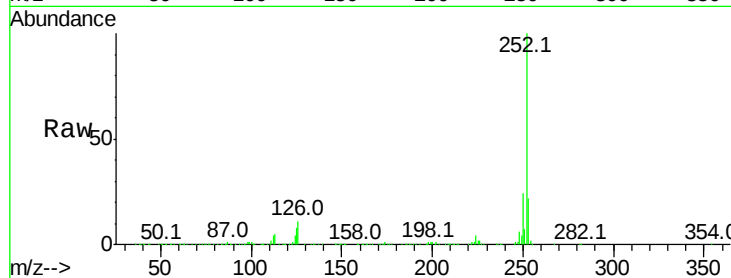
#87
Benzo(b)fluoranthene
Concen: 44.17 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1930053
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 8.0 9.8 14.6#

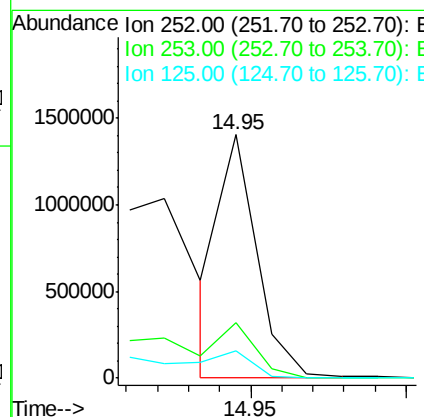
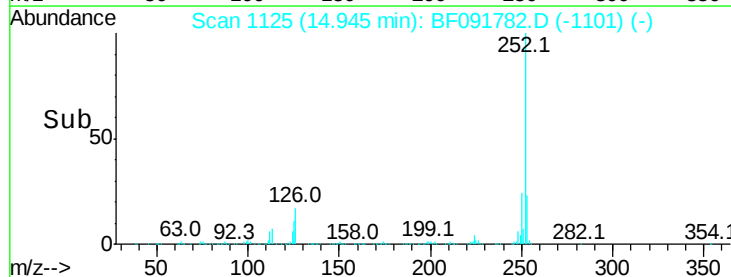
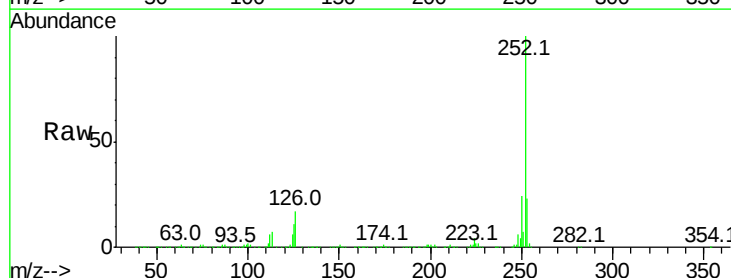
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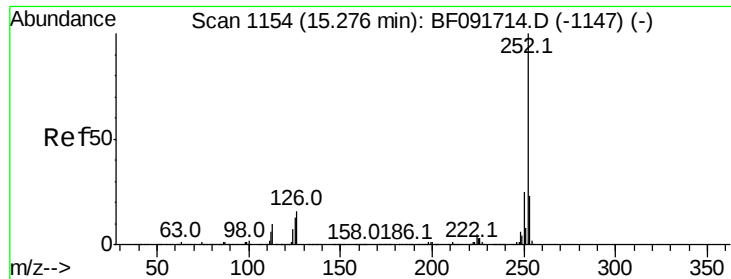
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#88
Benzo(k)fluoranthene
Concen: 37.96 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion:252 Resp: 1163864
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 11.3 8.9 13.3





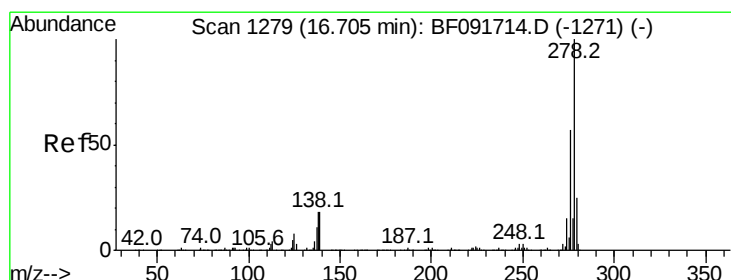
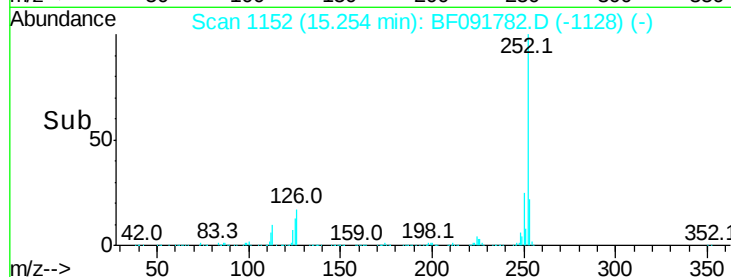
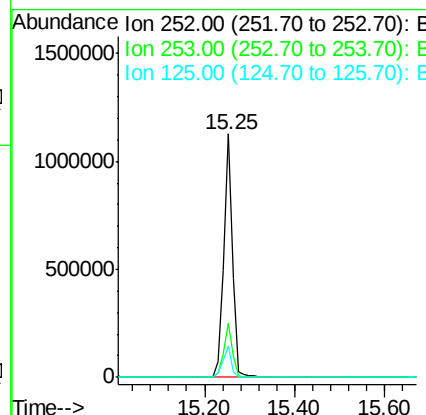
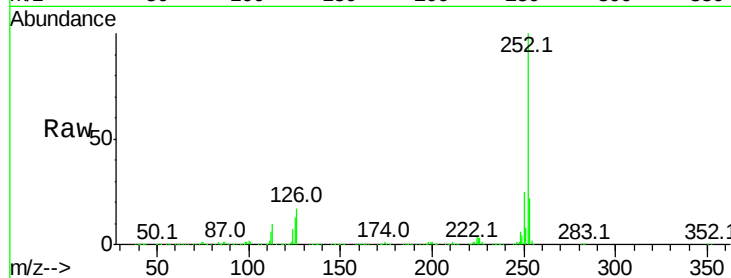
#89
Benzo(a)pyrene
Concen: 40.76 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1528651
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 12.8 10.0 15.0

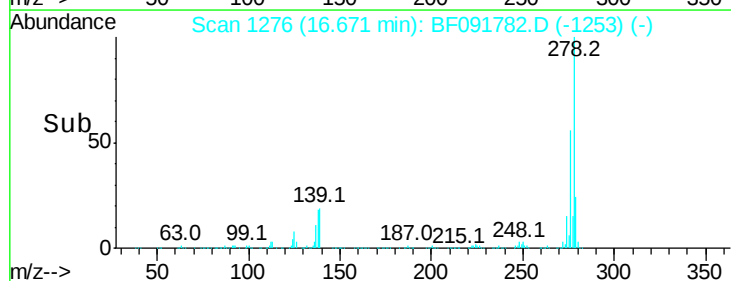
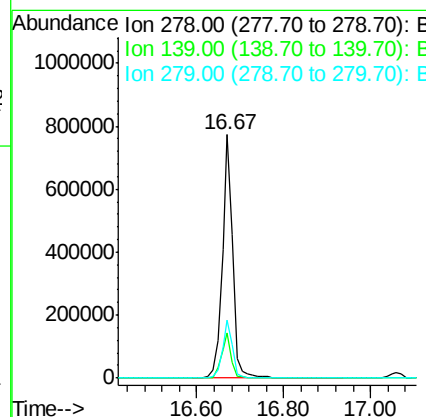
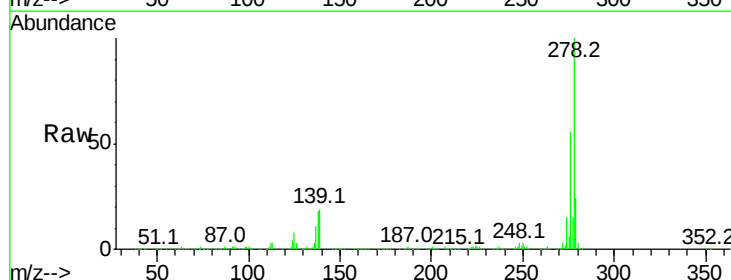
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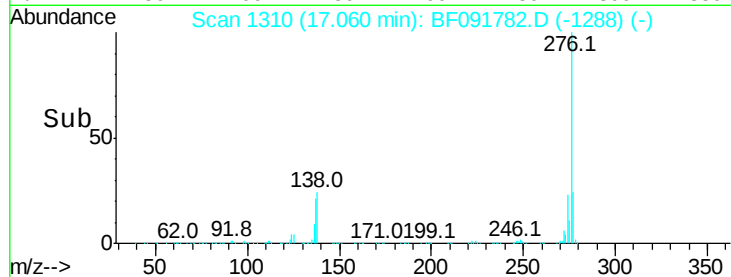
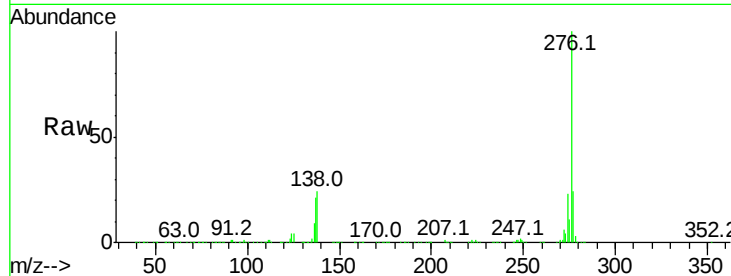
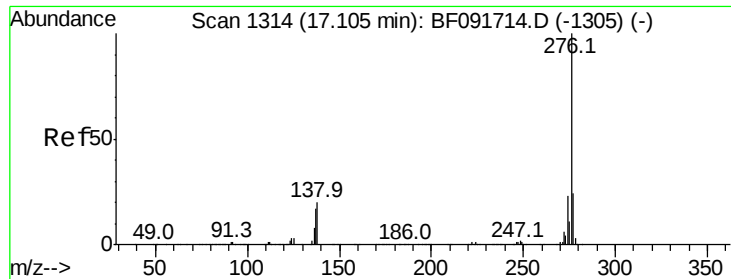
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#90
Dibenzo(a,h)anthracene
Concen: 40.55 ng
RT: 16.67 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF091782.D
Acq: 19 Dec 2016 19:30

Tgt Ion:278 Resp: 1325724
Ion Ratio Lower Upper
278 100
139 18.6 14.8 22.2
279 23.9 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 41.39 ng

RT: 17.06 min Scan# 1310

Delta R.T. -0.05 min

Lab File: BF091782.D

Acq: 19 Dec 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1375282

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 24.1 16.0 24.0#

Manual Integrations

APPROVED

sohil

12/20/2016 6:32:42 PM

