

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
 Data File : BF093288.D
 Acq On : 1 Mar 2017 14:27
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/2/2017 1:42:25 PM

Quant Time: Mar 02 00:09:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	171933	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	706506	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	315477	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	563559	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	455420	20.00	ng	-0.03
86) Perylene-d12	15.40	264	407257	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	812670	81.09	ng	-0.05
7) Phenol-d6	6.46	99	1016526	78.83	ng	-0.02
23) Nitrobenzene-d5	7.39	82	1049244	82.70	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	194043	85.04	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1460354	83.86	ng	-0.05
78) Terphenyl-d14	12.92	244	1489608	76.85	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	202818	37.45	ng	# 84
3) Pyridine	3.05	79	608700	44.21	ng	88
4) n-Nitrosodimethylamine	3.01	42	285104	44.10	ng	87
6) Aniline	6.48	93	680040	38.66	ng	89
8) 2-Chlorophenol	6.60	128	457992	41.42	ng	92
9) Benzaldehyde	6.35	77	329400	35.66	ng	88
10) Phenol	6.48	94	617466	40.93	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	491835	40.84	ng	91
12) 1,3-Dichlorobenzene	6.75	146	527150	40.71	ng	97
13) 1,4-Dichlorobenzene	6.83	146	528467	40.32	ng	93
14) 1,2-Dichlorobenzene	6.98	146	472862	37.73	ng	98
15) Benzyl Alcohol	6.97	79	364390	38.17	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	834113	39.87	ng	75
17) 2-Methylphenol	7.08	107	372170	39.24	ng	# 93
18) Hexachloroethane	7.32	117	186572	41.70	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	325771	39.69	ng	91
20) 3+4-Methylphenols	7.24	107	502862	44.34	ng	# 77
22) Acetophenone	7.23	105	642149	39.81	ng	# 97
24) Nitrobenzene	7.40	77	520874	39.98	ng	98
25) Isophorone	7.64	82	959634	40.59	ng	95
26) 2-Nitrophenol	7.72	139	269899	43.58	ng	93
27) 2,4-Dimethylphenol	7.77	122	442825	40.72	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	611685	39.07	ng	98
29) 2,4-Dichlorophenol	7.97	162	383920	37.85	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	402381	36.81	ng	97
31) Naphthalene	8.12	128	1394731	38.94	ng	99
32) Benzoic acid	7.92	122	201875	35.04	ng	97
33) 4-Chloroaniline	8.18	127	582051	41.44	ng	99
34) Hexachlorobutadiene	8.24	225	221042	36.76	ng	98
35) Caprolactam	8.56	113	125520	39.34	ng	# 26
36) 4-Chloro-3-methylphenol	8.67	107	399765	37.80	ng	98
37) 2-Methylnaphthalene	8.81	142	803783	34.95	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	399747	45.14	ng	99
40) Hexachlorocyclopentadiene	8.96	237	133276	33.36	ng	95

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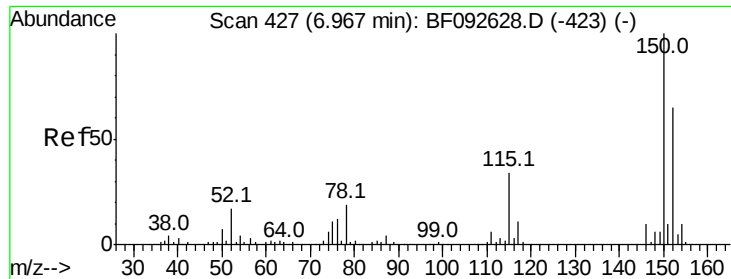
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	246766	42.41	nq	91
43) 2,4,5-Trichlorophenol	9.14	196	268667	42.14	nq	95
45) 1,1'-Biphenyl	9.28	154	1037011	45.40	nq	99
46) 2-Chloronaphthalene	9.30	162	783033	43.82	nq	97
47) 2-Nitroaniline	9.40	65	254381	42.34	nq	96
48) Acenaphthylene	9.71	152	1160096	37.58	nq	99
49) Dimethylphthalate	9.57	163	888594	41.82	nq	98
50) 2,6-Dinitrotoluene	9.65	165	209726	45.70	nq #	72
51) Acenaphthene	9.88	154	674173	36.53	nq	96
52) 3-Nitroaniline	9.81	138	237569	45.24	nq	95
53) 2,4-Dinitrophenol	9.94	184	103913	46.61	nq #	88
54) Dibenzofuran	10.05	168	896987	36.33	nq	96
55) 4-Nitrophenol	10.01	139	124508	32.92	nq #	72
56) 2,4-Dinitrotoluene	10.05	165	218636	35.79	nq #	79
57) Fluorene	10.40	166	778535	40.99	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	161132	37.89	nq	98
59) Diethylphthalate	10.27	149	798527	39.88	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	349546	38.31	nq	94
61) 4-Nitroaniline	10.43	138	221274	41.14	nq	93
62) Azobenzene	10.54	77	876439	42.36	nq	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	141647	41.67	nq	94
65) n-Nitrosodiphenylamine	10.51	169	686972	38.16	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	219996	37.36	nq	97
67) Hexachlorobenzene	10.94	284	207342	35.64	nq #	77
68) Atrazine	11.05	200	241916	41.87	nq	93
69) Pentachlorophenol	11.15	266	93188	35.43	nq	98
70) Phenanthrene	11.36	178	1137601	35.23	nq	99
71) Anthracene	11.41	178	1307067	40.31	nq	99
72) Carbazole	11.57	167	1231599	39.74	nq	99
73) Di-n-butylphthalate	11.89	149	1320006	39.38	nq #	97
74) Fluoranthene	12.55	202	1201972	36.09	nq	97
76) Benzidine	12.67	184	725807	37.40	nq	97
77) Pyrene	12.77	202	1273625	37.37	nq	100
79) Butylbenzylphthalate	13.39	149	594330	42.94	nq	91
80) Benzo(a)anthracene	13.96	228	1109233	39.82	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	383970	38.67	nq	98
82) Chrysene	14.01	228	1084354	41.58	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	832452	43.98	nq #	94
84) Di-n-octyl phthalate	14.56	149	1333519	43.27	nq	98
85) Indeno(1,2,3-cd)pyrene	16.81	276	823663	40.77	nq #	94
87) Benzo(b)fluoranthene	15.00	252	1137292m	42.43	nq	
88) Benzo(k)fluoranthene	15.03	252	777196m	33.58	nq	
89) Benzo(a)pyrene	15.35	252	898754	38.76	nq	97
90) Dibenzo(a,h)anthracene	16.81	278	707646	37.76	nq	96
91) Benzo(g,h,i)perylene	17.22	276	709243	37.46	nq #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

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BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 171933

Ion Ratio Lower Upper

152 100

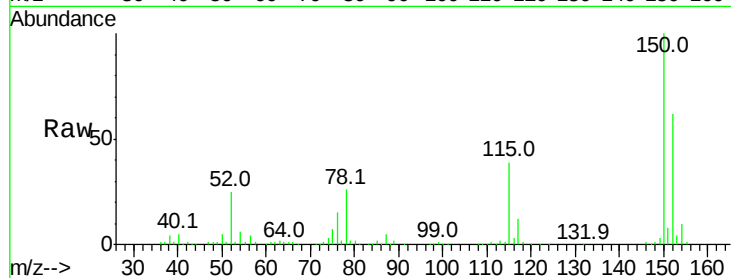
150 160.3 124.9 187.3

115 62.0 46.0 69.0

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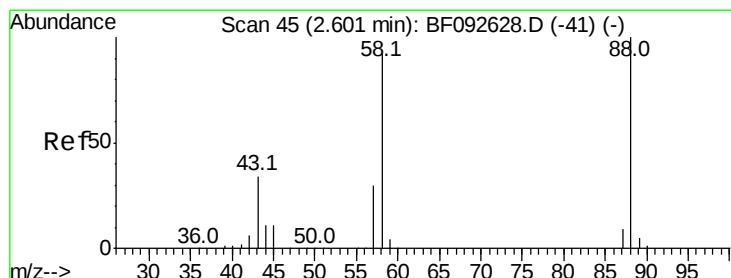
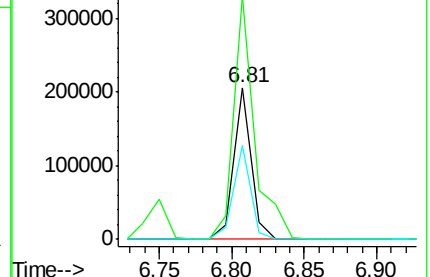
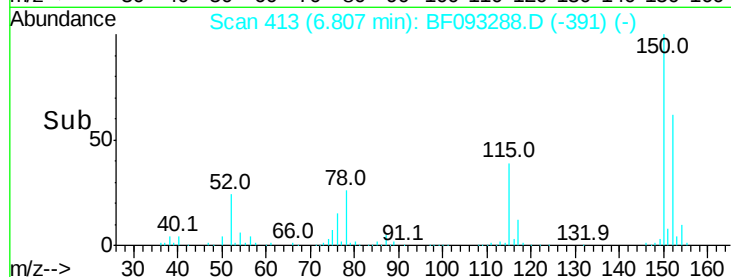
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.45 ng

RT: 2.34 min Scan# 22

Delta R.T. -0.09 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

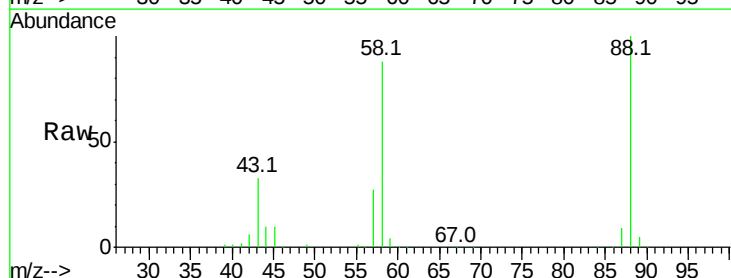
Tgt Ion: 88 Resp: 202818

Ion Ratio Lower Upper

88 100

58 88.1 57.8 86.8#

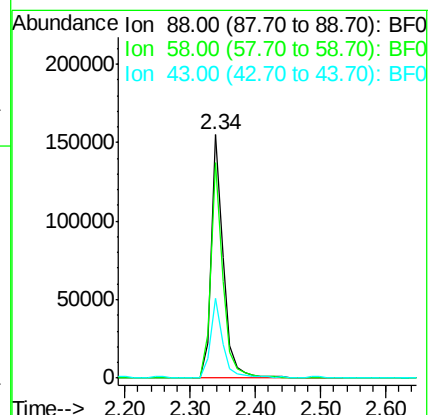
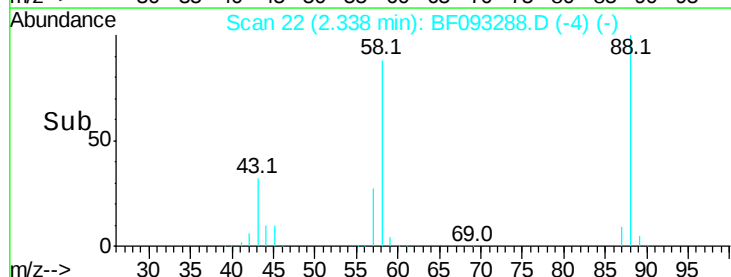
43 32.5 22.3 33.5

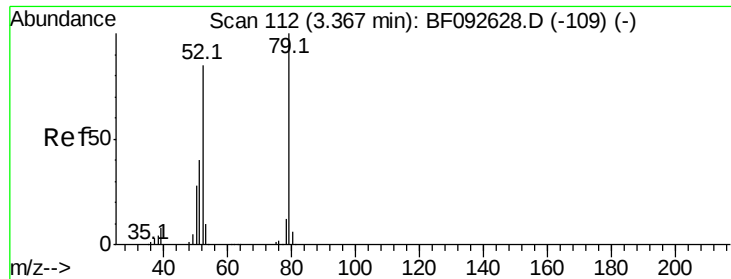


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.21 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.10 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Instrument :

BNA_F

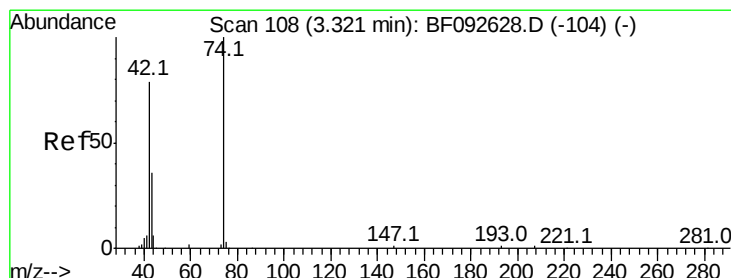
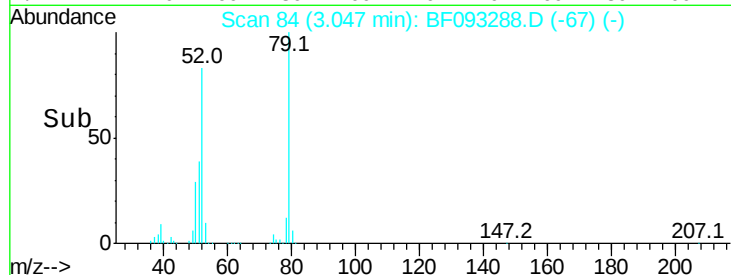
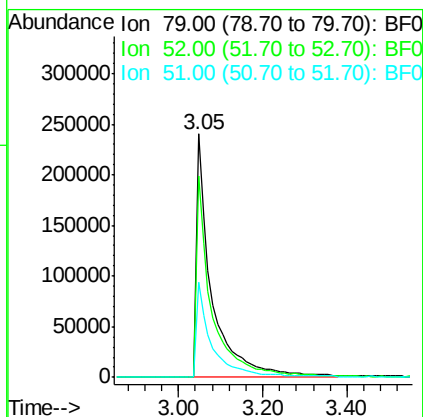
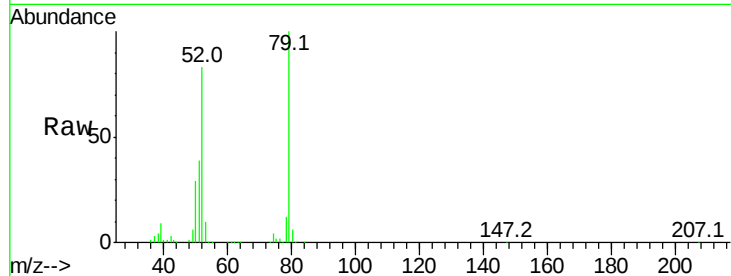
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	608700
Ion Ratio	Lower	Upper	
79	100		
52	82.5	57.1	85.7
51	39.1	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 44.10 ng

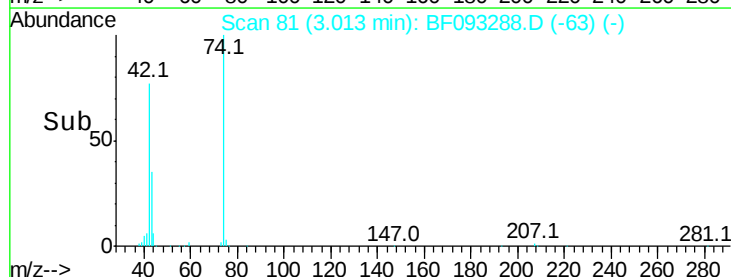
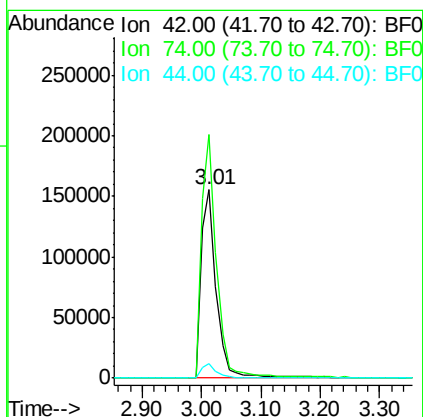
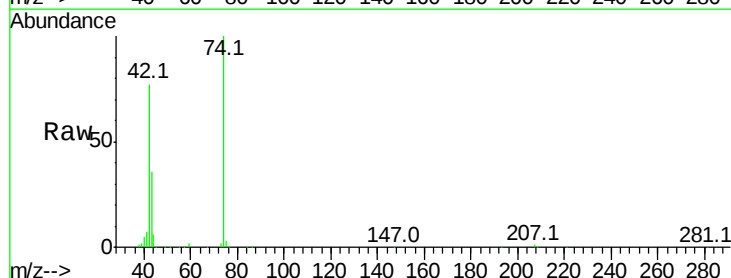
RT: 3.01 min Scan# 81

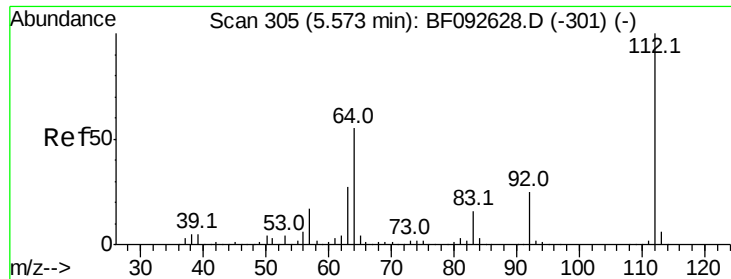
Delta R.T. -0.09 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Tgt Ion:	42	Resp:	285104
Ion Ratio	Lower	Upper	
42	100		
74	129.3	117.0	175.4
44	7.6	5.5	8.3





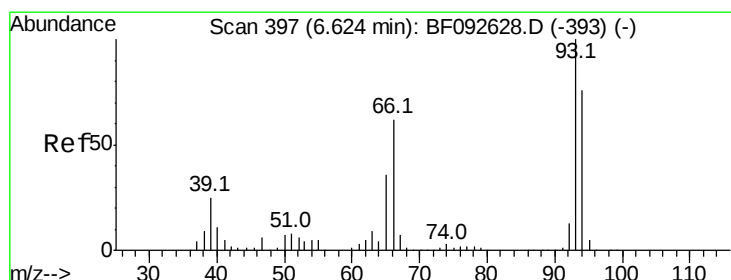
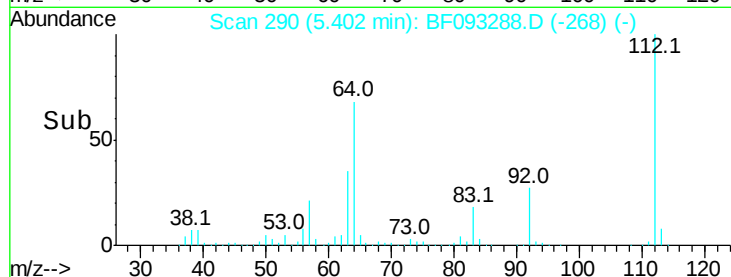
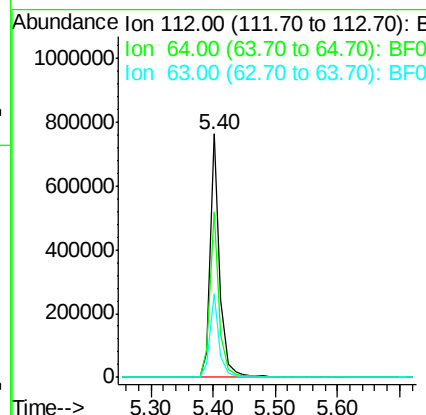
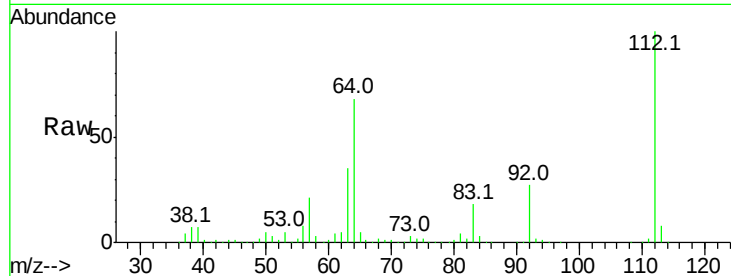
#5
 2-Fluorophenol
 Concen: 81.09 ng
 RT: 5.40 min Scan# 290
 Delta R.T. -0.05 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

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 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	812670		
64	67.9		46.1	69.1
63	34.6		23.8	35.6

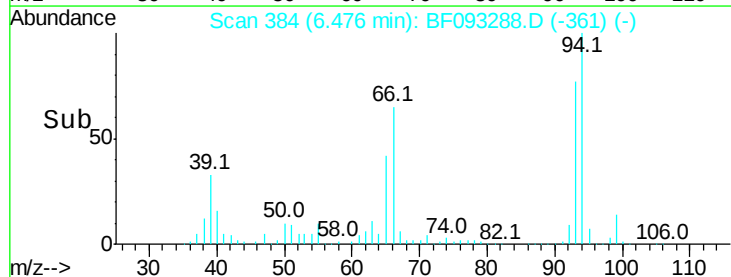
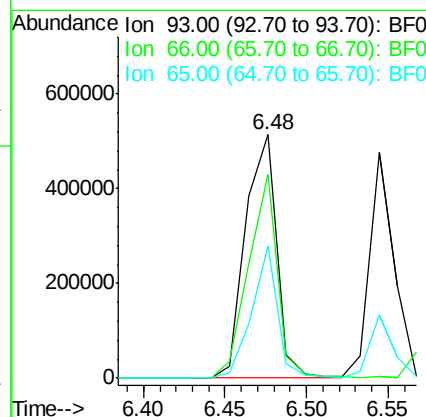
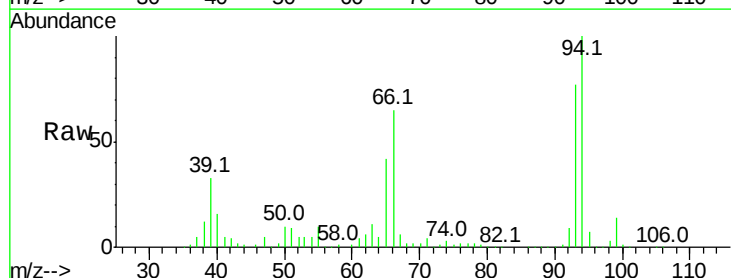
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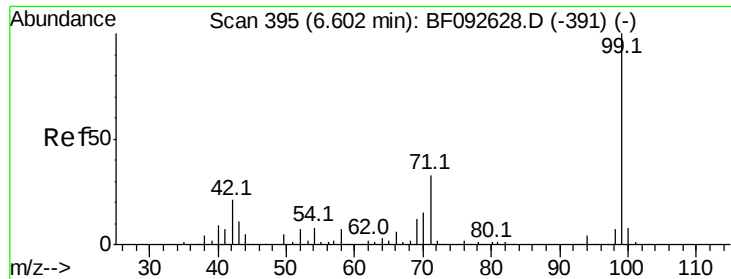
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#6
 Aniline
 Concen: 38.66 ng
 RT: 6.48 min Scan# 384
 Delta R.T. -0.03 min
 Lab File: BF093288.D
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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	680040		
66	83.8		76.2	114.2
65	54.4		49.3	73.9





#7

Phenol-d6

Concen: 78.83 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1016526

Ion Ratio Lower Upper

99 100

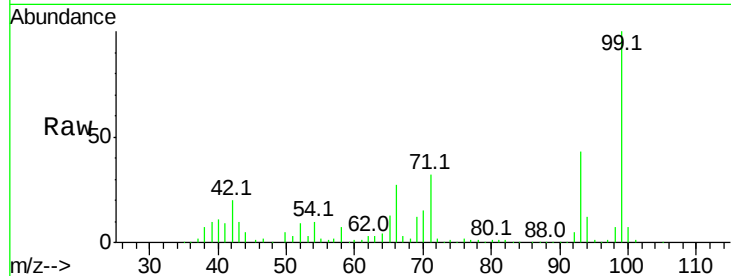
42 20.4 15.6 23.4

71 32.0 27.5 41.3

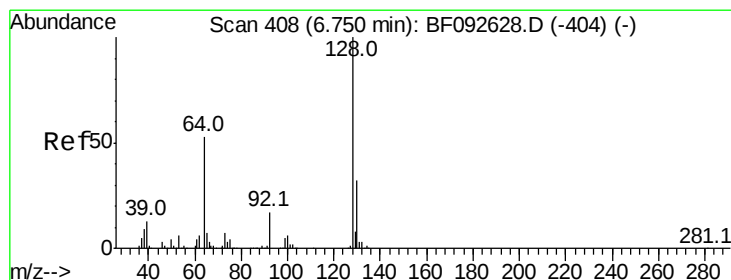
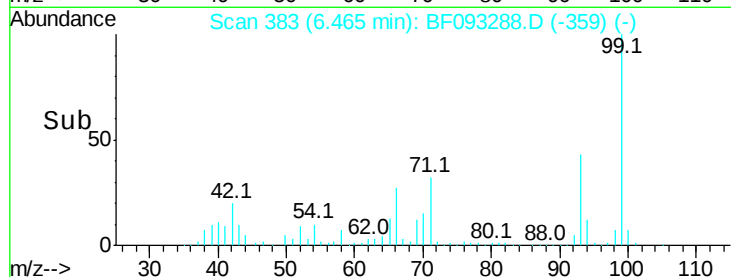
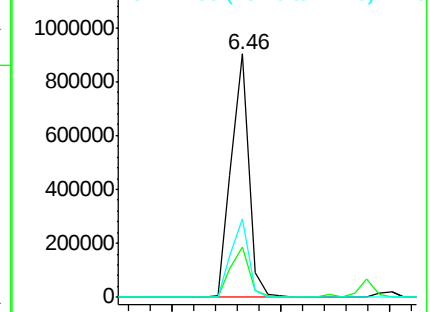
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.42 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

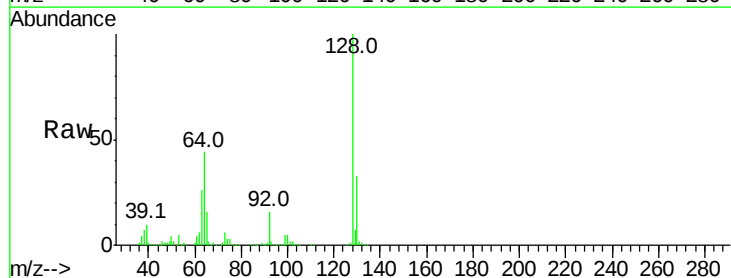
Tgt Ion: 128 Resp: 457992

Ion Ratio Lower Upper

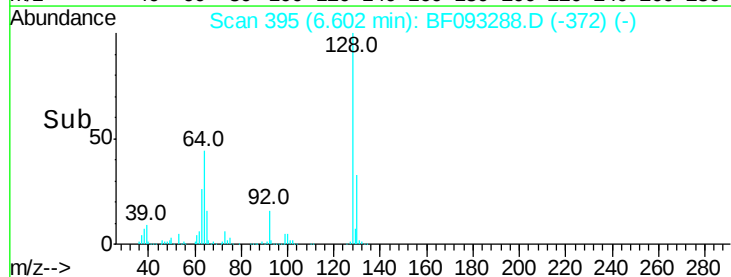
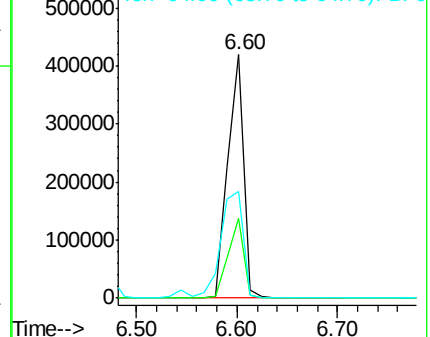
128 100

130 32.7 12.3 52.3

64 43.9 32.2 72.2



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





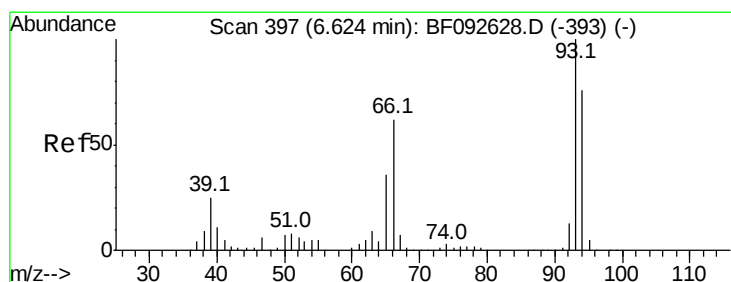
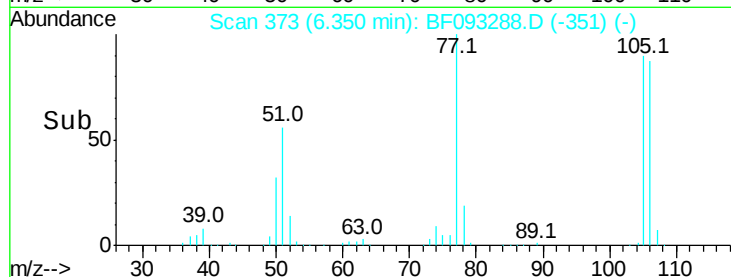
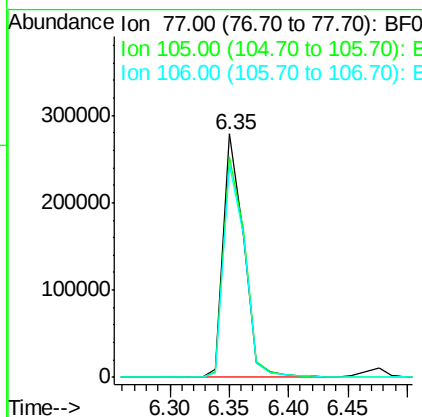
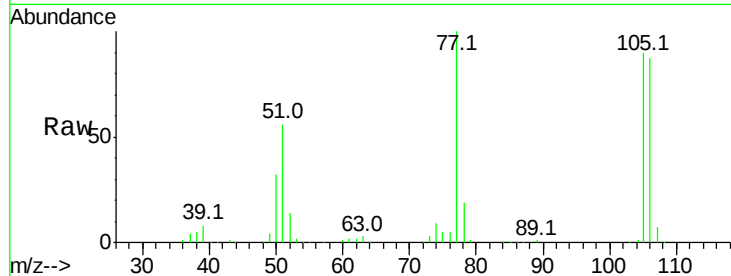
#9
Benzaldehyde
Concen: 35.66 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 329400
Ion Ratio Lower Upper
77 100
105 90.5 83.9 123.9
106 87.4 77.6 117.6

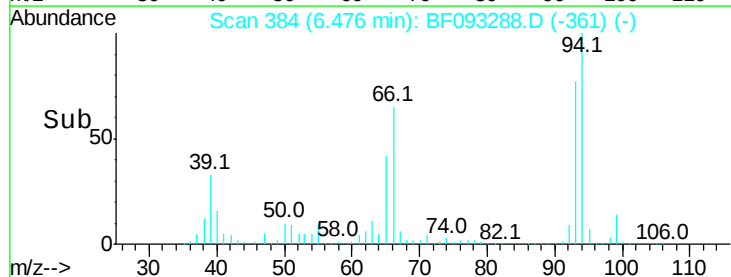
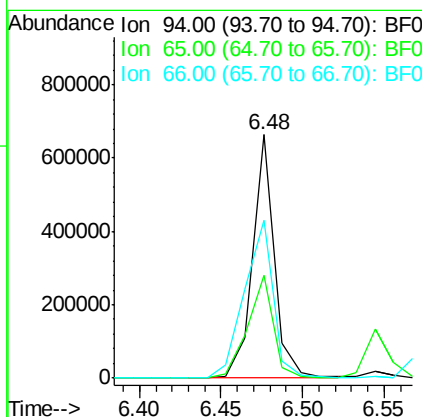
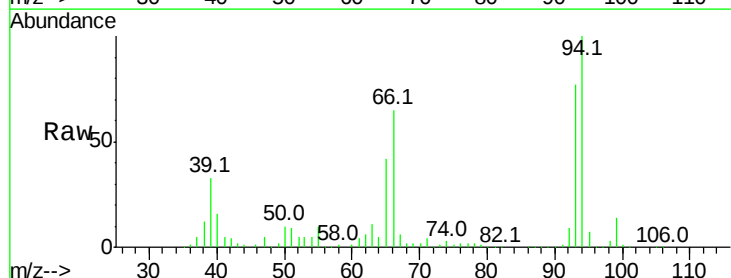
Manual Integrations
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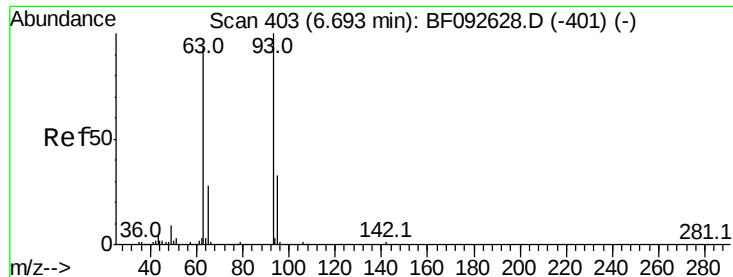
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#10
Phenol
Concen: 40.93 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion: 94 Resp: 617466
Ion Ratio Lower Upper
94 100
65 42.1 21.4 61.4
66 65.0 44.0 84.0





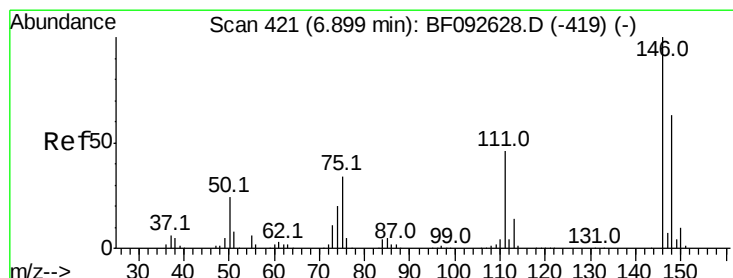
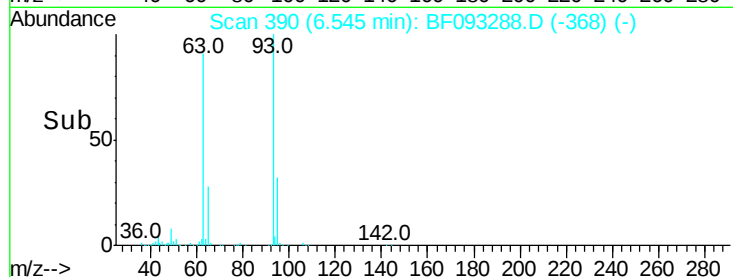
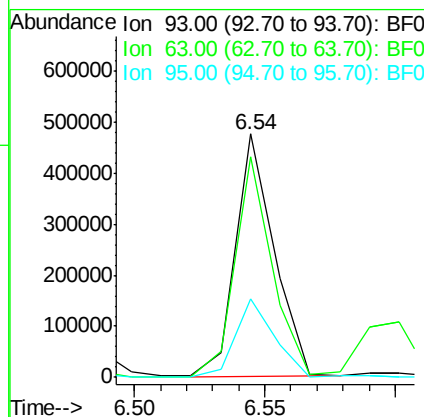
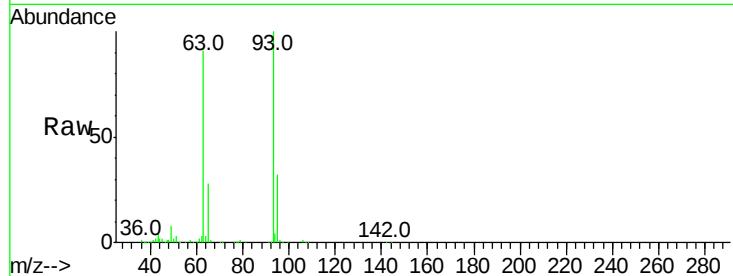
#11
bis(2-Chloroethyl)ether
Concen: 40.84 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.7	60.4	100.4
95	32.0	12.8	52.8

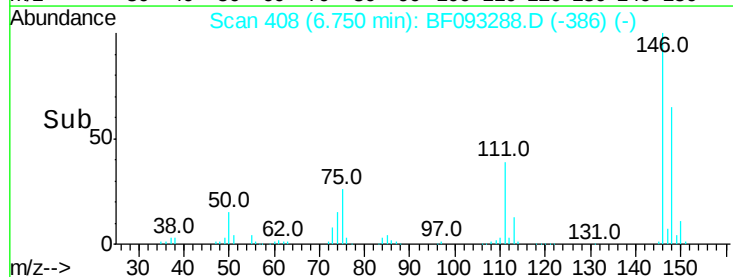
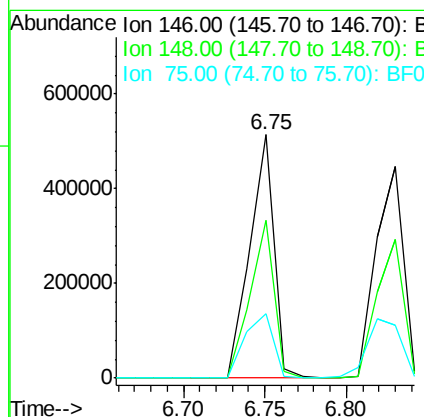
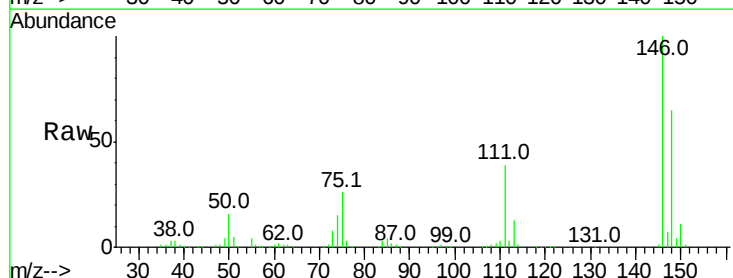
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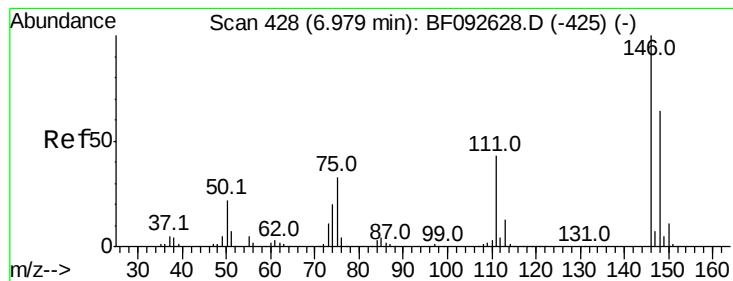
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.71 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	53.4	80.0
75	26.4	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 40.32 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Instrument :

BNA_F

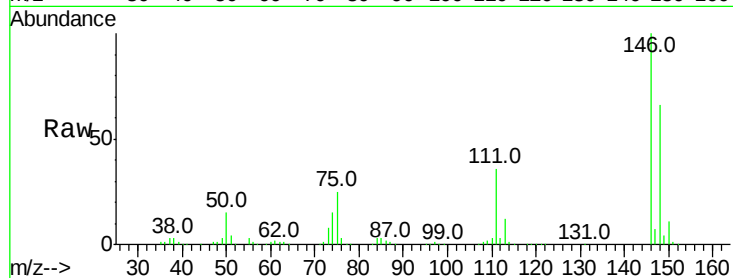
ClientSampleId :

SSTDCCC040

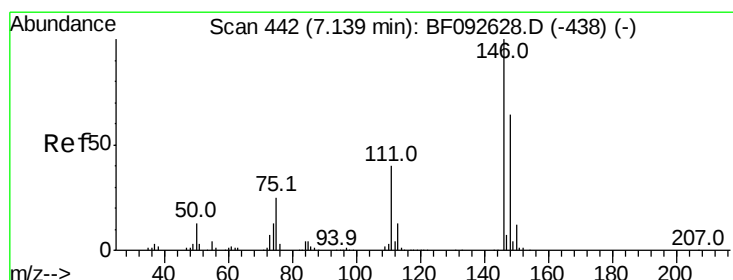
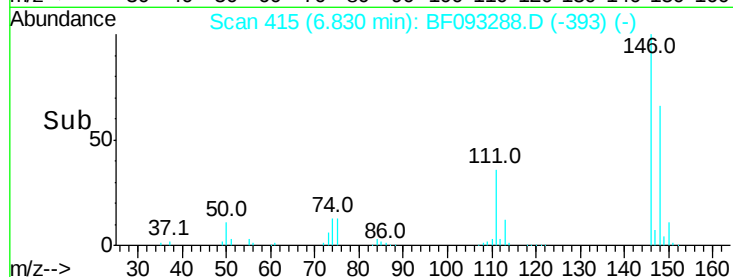
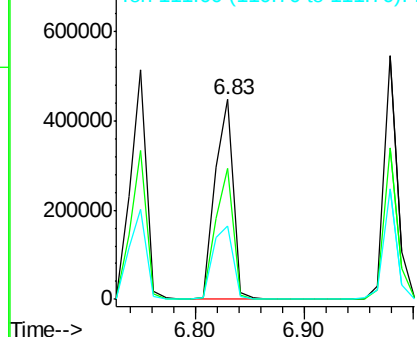
Tot Ion:	146	Resp:	528467
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.6	76.0
111	36.4	36.2	54.4

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.73 ng

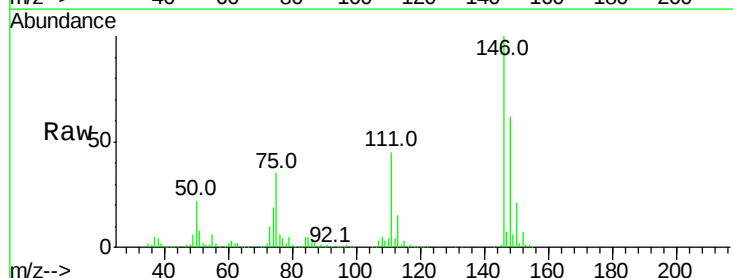
RT: 6.98 min Scan# 428

Delta R.T. -0.05 min

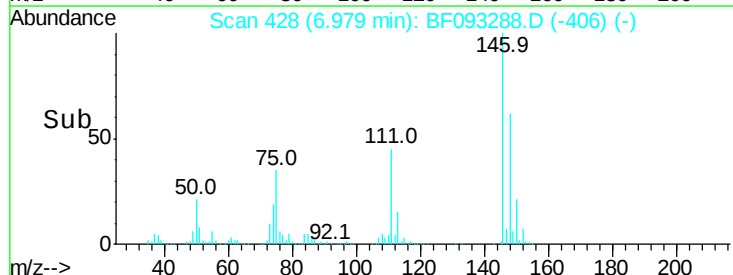
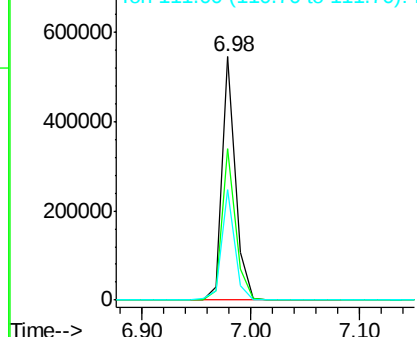
Lab File: BF093288.D

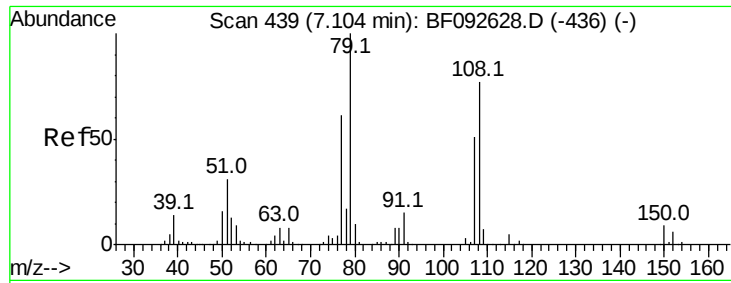
Acq: 1 Mar 2017 14:27

Tgt Ion:	146	Resp:	472862
Ion Ratio	Lower	Upper	
146	100		
148	62.3	52.2	78.2
111	45.2	36.2	54.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





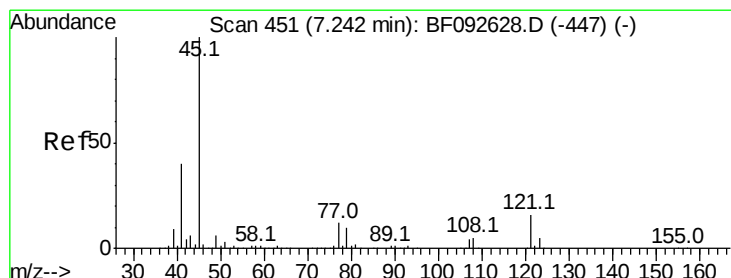
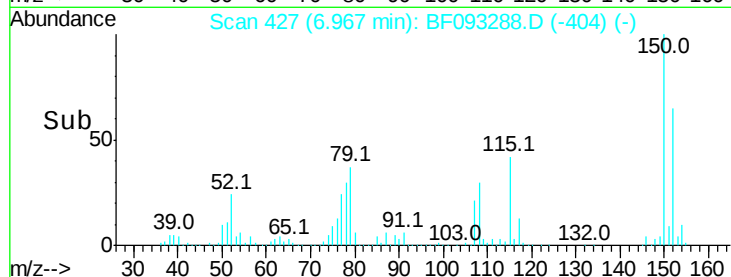
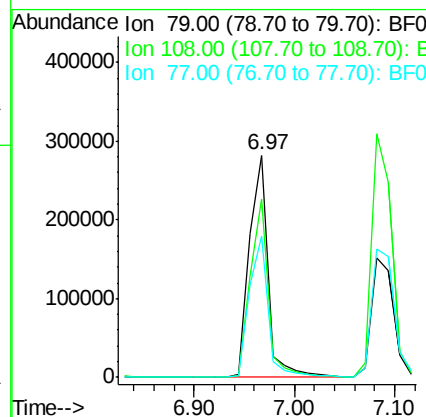
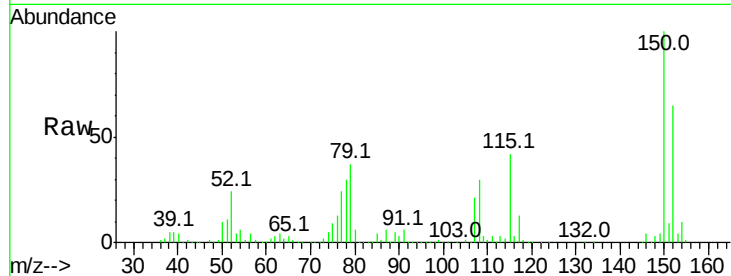
#15
Benzyl Alcohol
Concen: 38.17 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.1	61.4	92.0
77	63.6	50.9	76.3

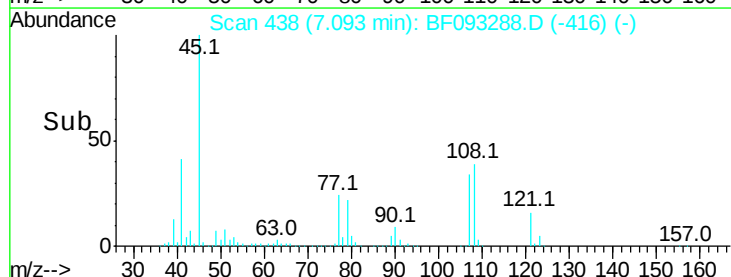
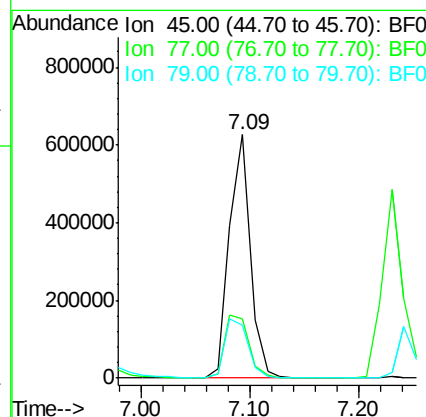
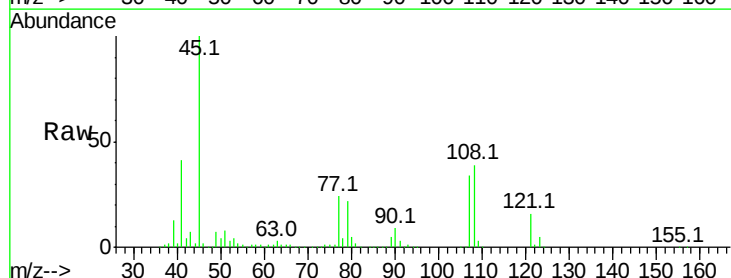
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.87 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.4	0.0	34.6
79	21.7	0.0	31.2





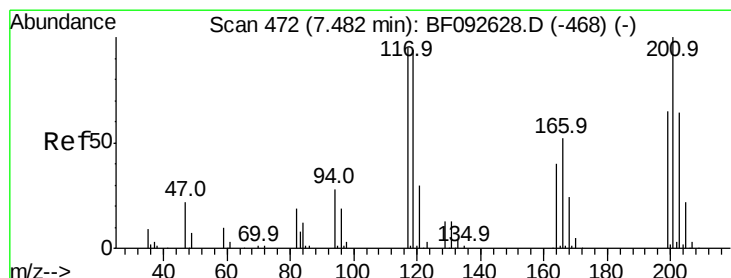
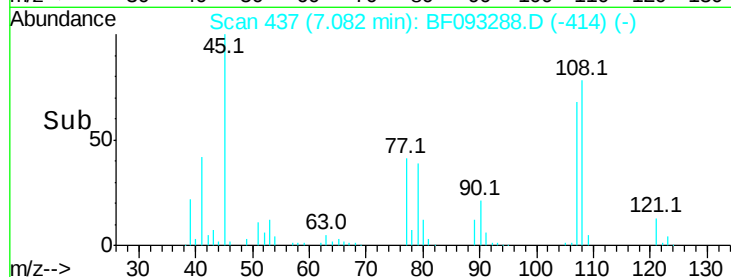
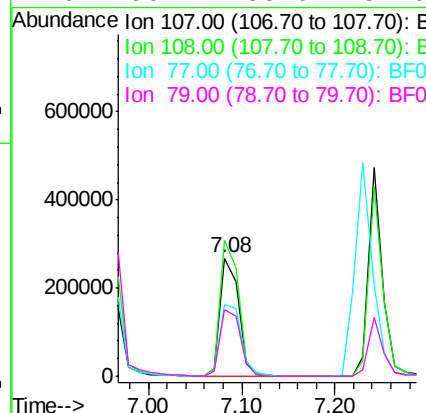
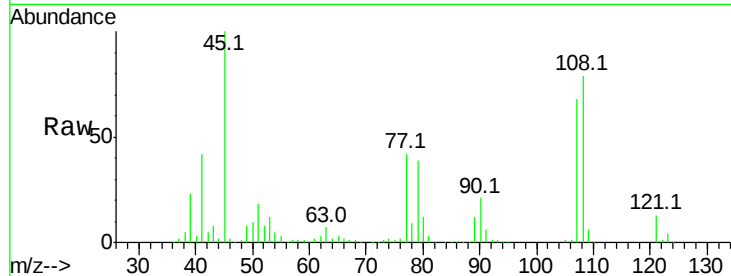
#17
2-Methylphenol
Concen: 39.24 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	93.0	139.6
77	60.9	39.8	59.8
79	56.7	38.0	57.0

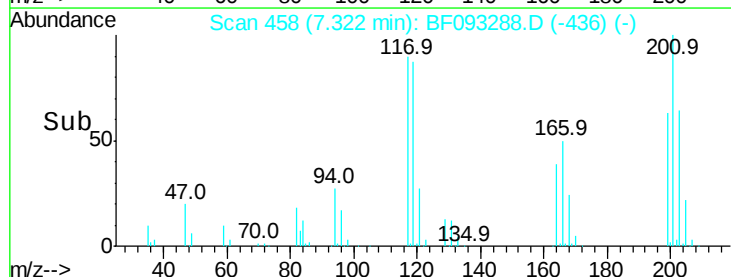
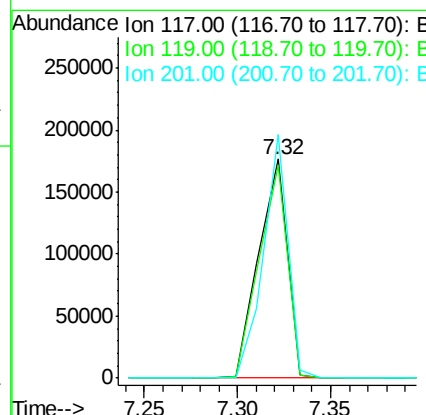
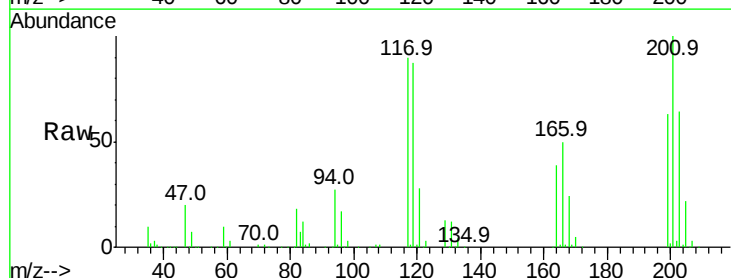
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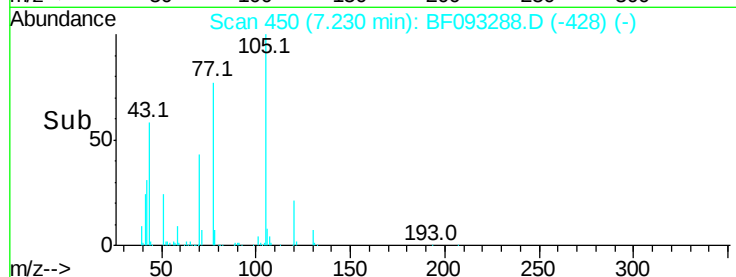
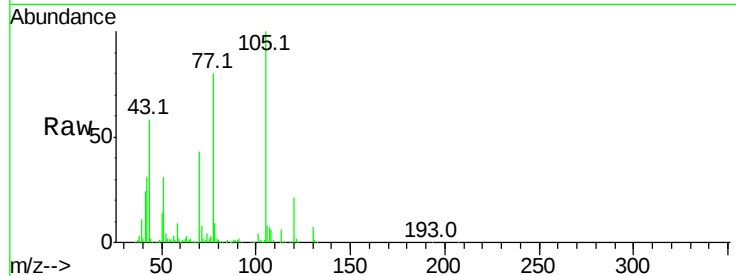
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#18
Hexachloroethane
Concen: 41.70 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.1	117.1
201	111.3	78.6	117.8





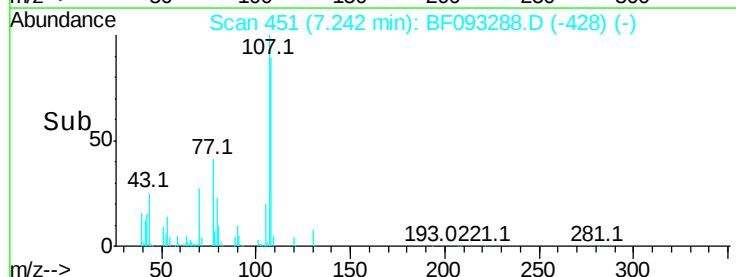
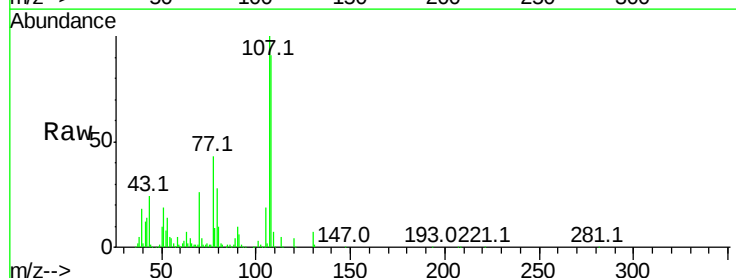
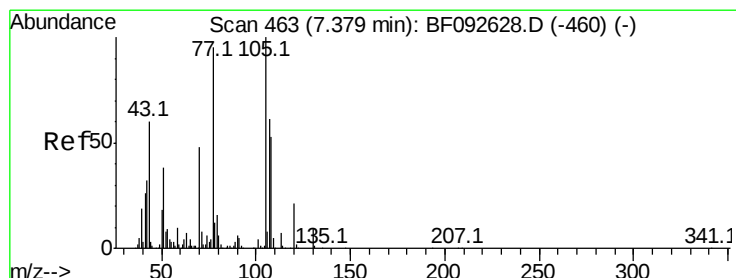
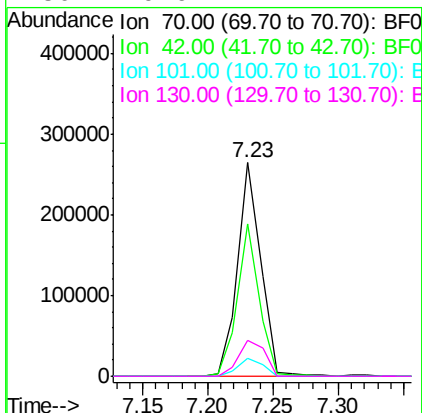
#19
n-Nitroso-di-n-propylamine
Concen: 39.69 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	70	Resp	325771
Ion Ratio	Lower	Upper	
70	100		
42	71.1	49.4	74.0
101	8.6	7.4	11.2
130	16.6	14.2	21.4

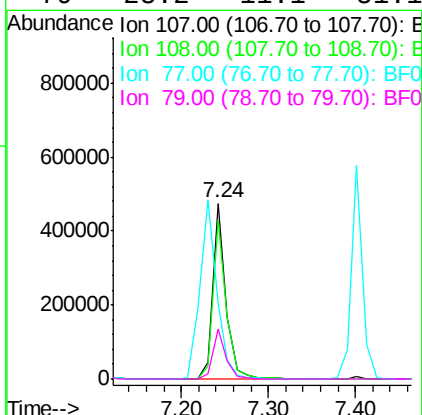
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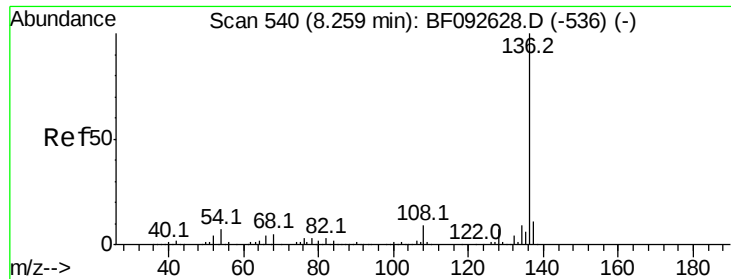
mohammad
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#20
3+4-Methylphenols
Concen: 44.34 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	107	Resp	502862
Ion Ratio	Lower	Upper	
107	100		
108	90.7	73.0	113.0
77	43.2	71.3	111.3#
79	28.2	11.1	51.1





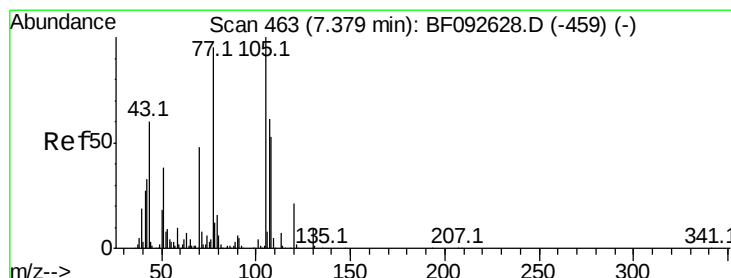
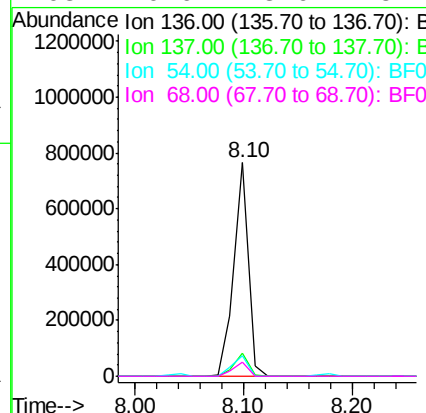
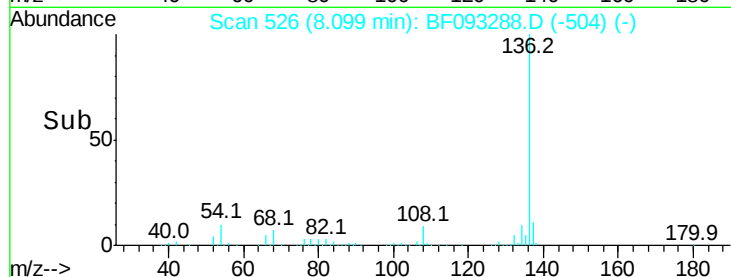
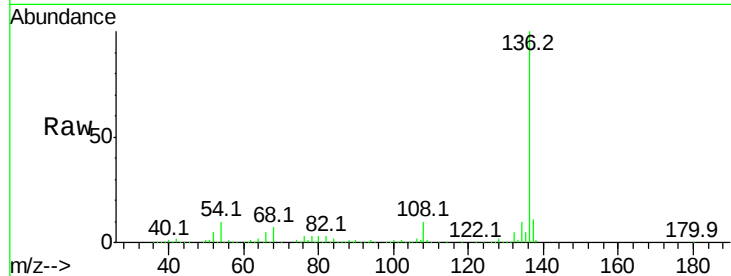
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.5	4.5	6.7#
68	6.6	3.6	5.4#

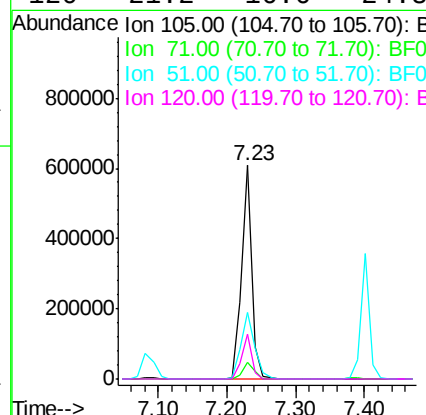
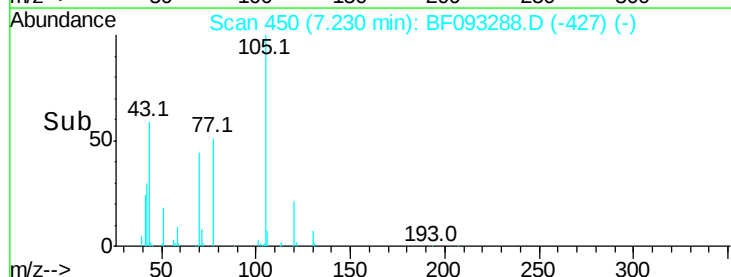
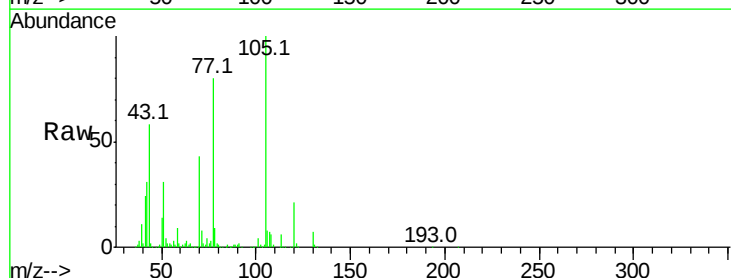
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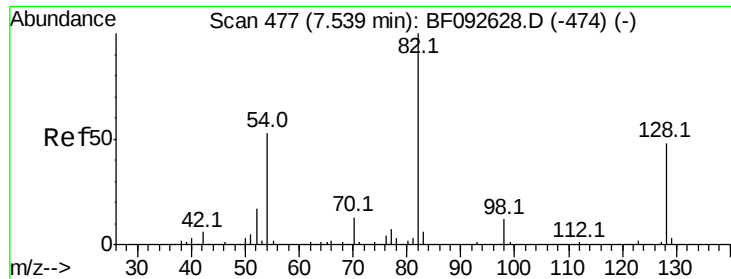
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#22
Acetophenone
Concen: 39.81 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.6	3.2	4.8#
51	31.3	26.2	39.4
120	21.2	16.6	24.8





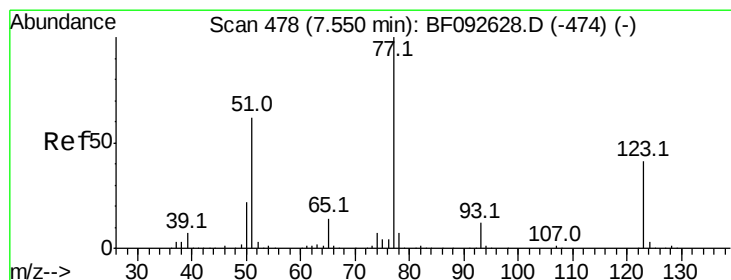
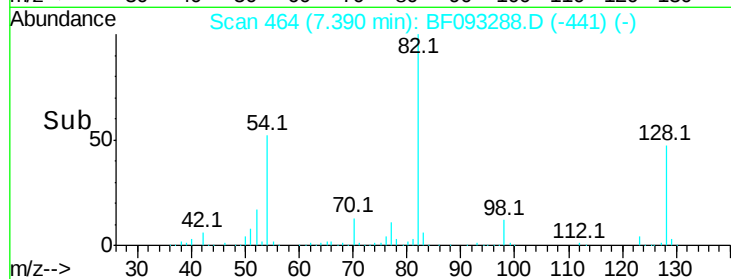
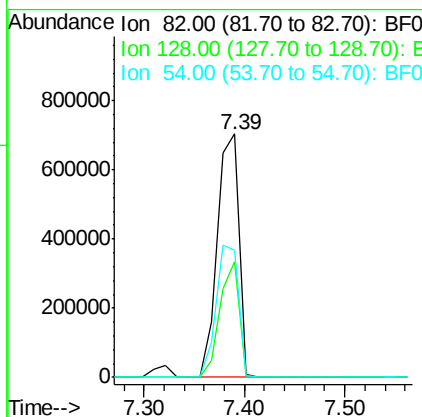
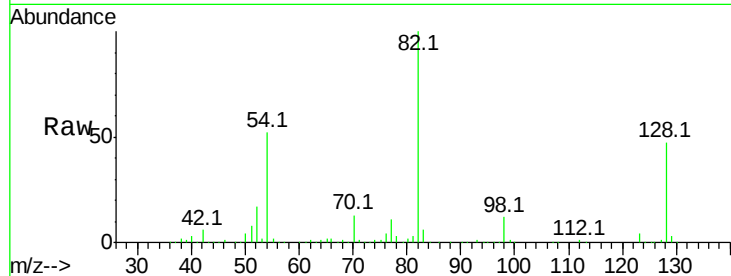
#23
 Nitrobenzene-d5
 Concen: 82.70 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.03 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.6	52.0
54	52.2	39.5	59.3

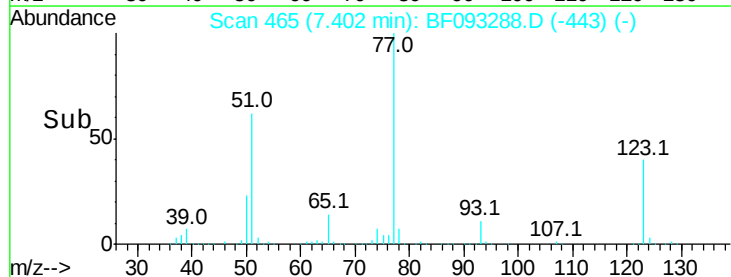
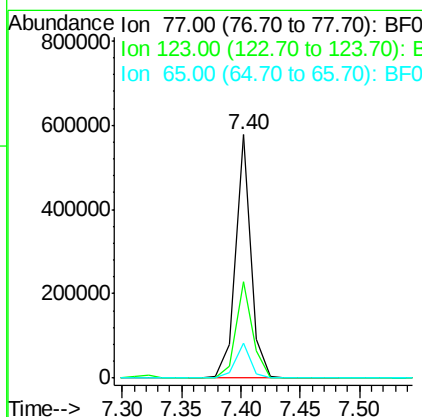
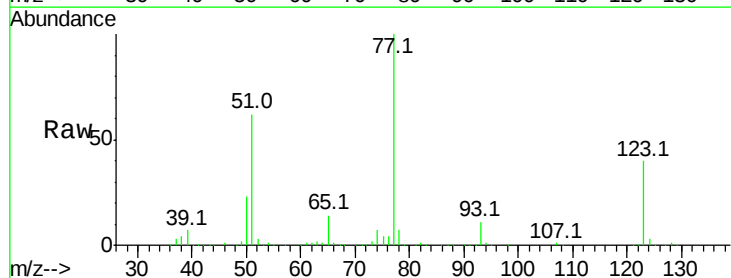
Manual Integrations
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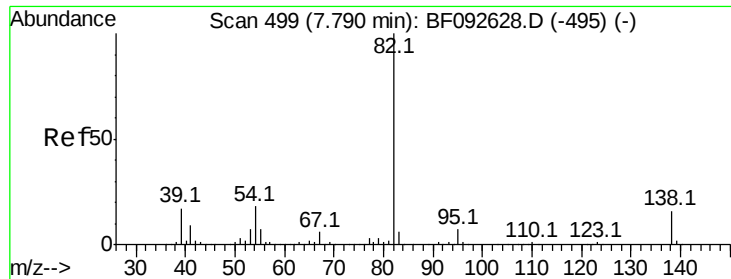
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#24
 Nitrobenzene
 Concen: 39.98 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.7	33.0	49.4
65	14.2	11.2	16.8





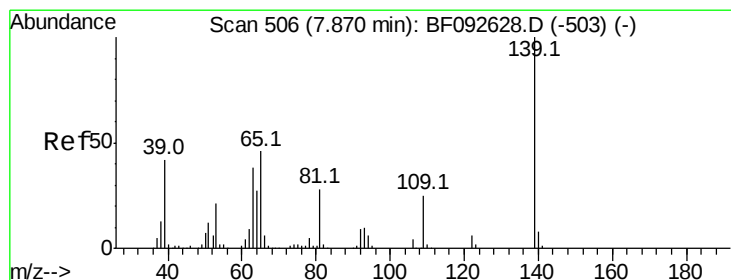
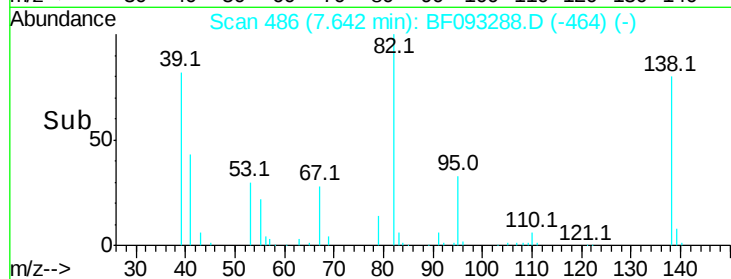
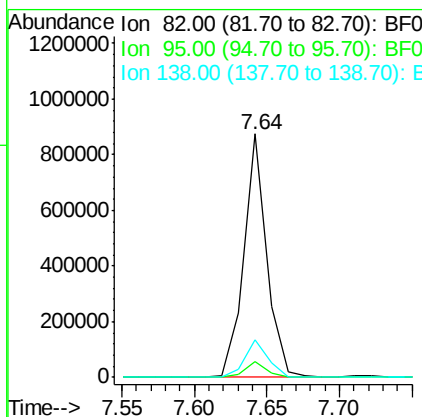
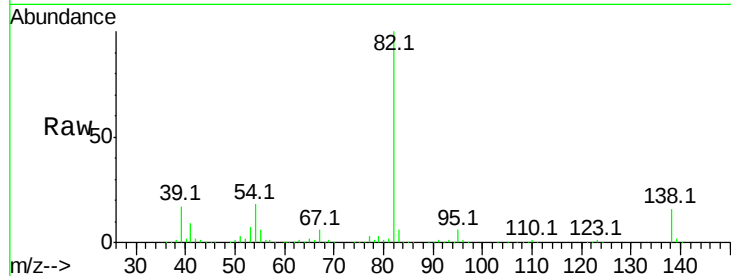
#25
Isophorone
Concen: 40.59 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.5	5.6	8.4	
138	15.6	14.6	22.0	

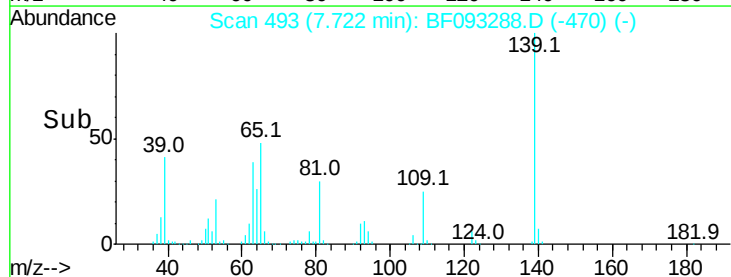
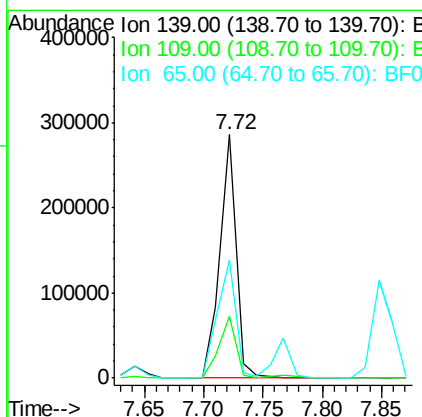
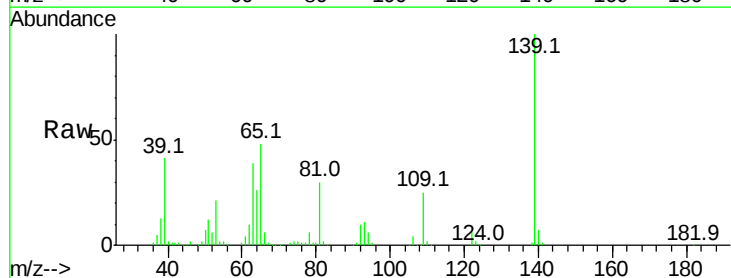
Manual Integrations
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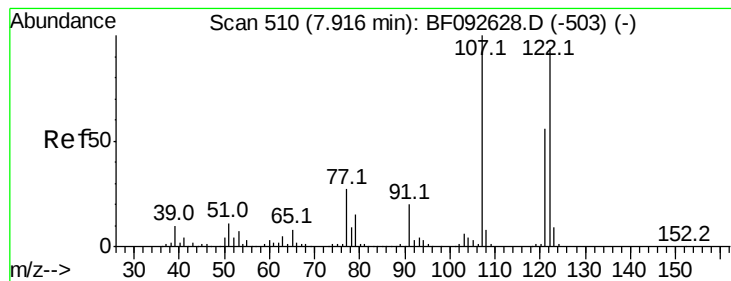
mohammad
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#26
2-Nitrophenol
Concen: 43.58 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.3	23.3	34.9	
65	48.3	42.7	64.1	





#27

2,4-Dimethylphenol

Concen: 40.72 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Instrument :

BNA_F

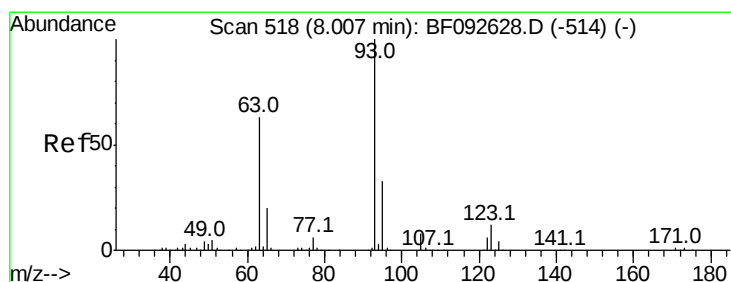
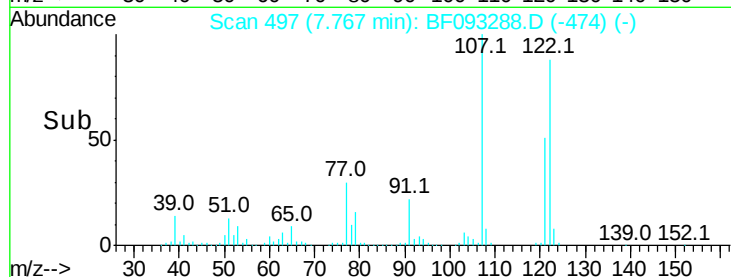
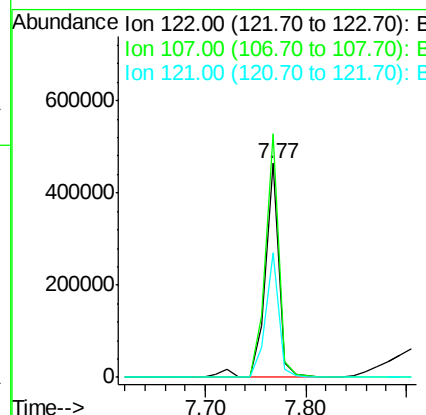
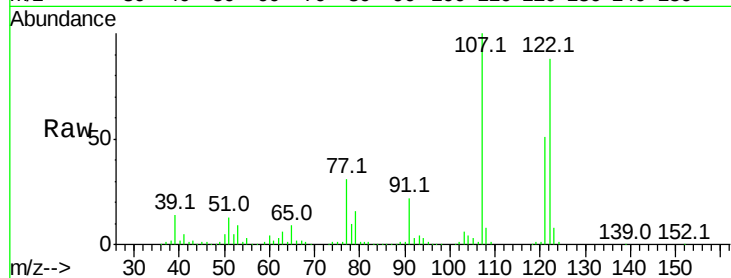
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	442825
Ion Ratio	Lower	Upper	
122	100		
107	113.8	94.1	141.1
121	58.5	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 39.07 ng

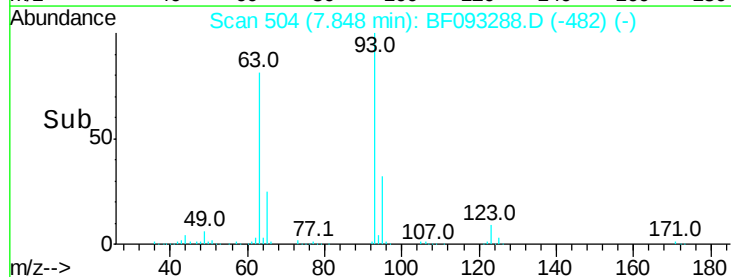
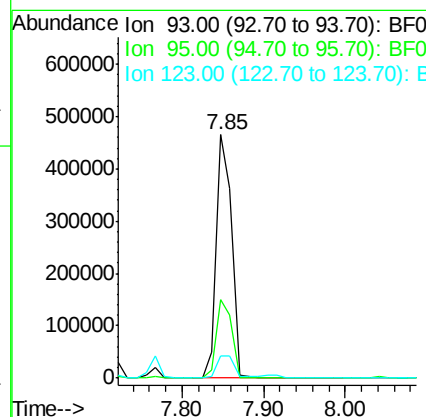
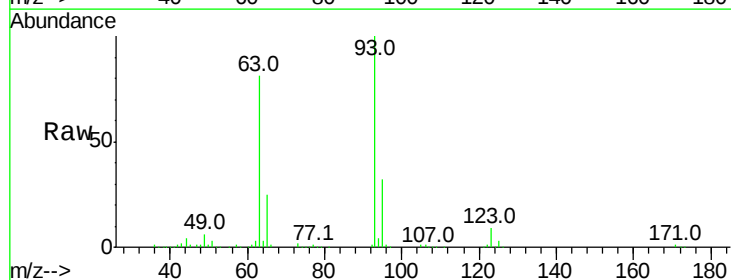
RT: 7.85 min Scan# 504

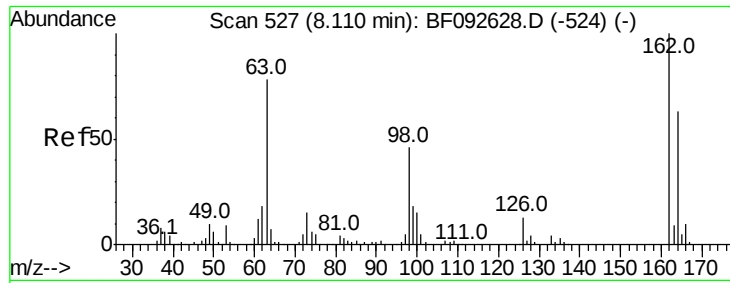
Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Tgt Ion:	93	Resp:	611685
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.5	39.7
123	9.1	8.6	13.0





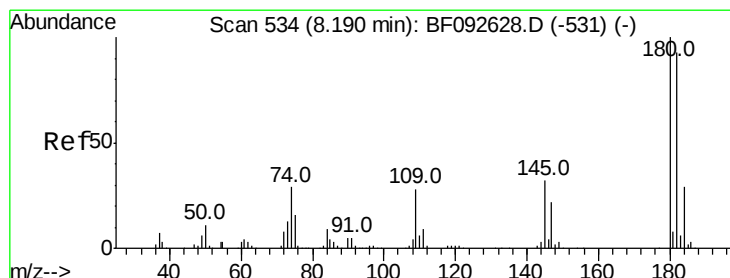
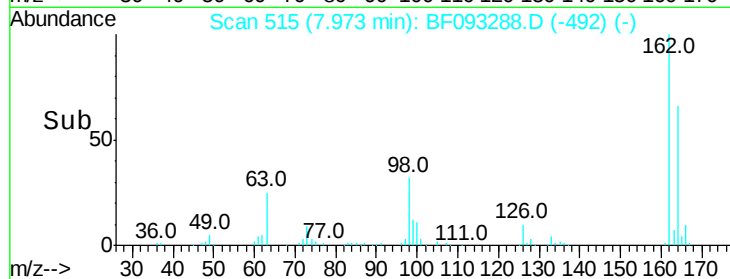
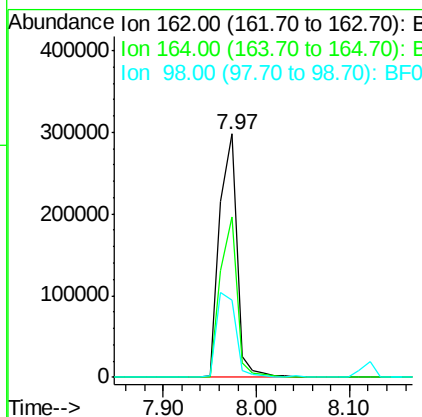
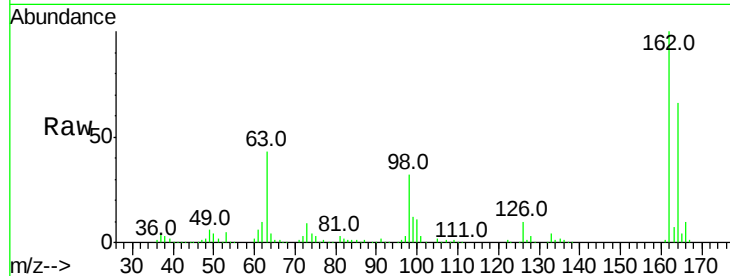
#29
 2,4-Dichlorophenol
 Concen: 37.85 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	383920		
164	66.0	46.8	86.8	
98	31.6	9.1	49.1	

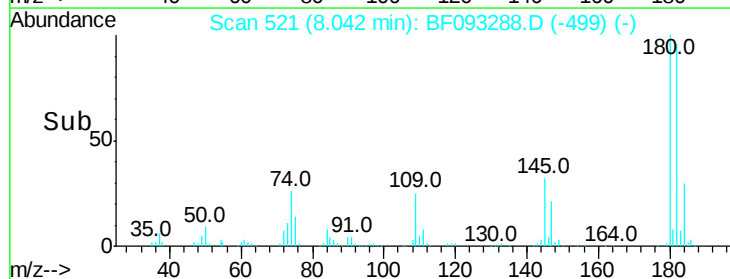
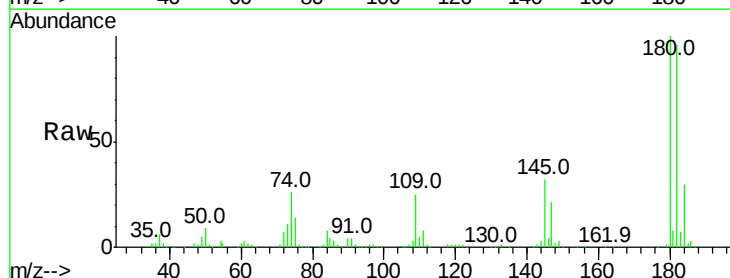
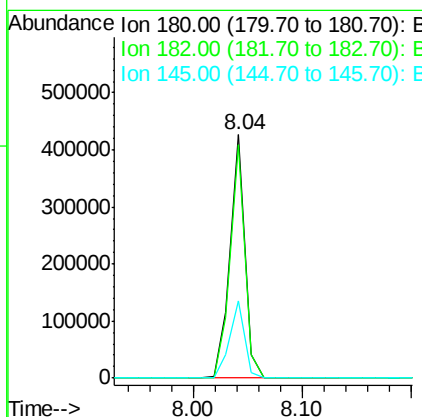
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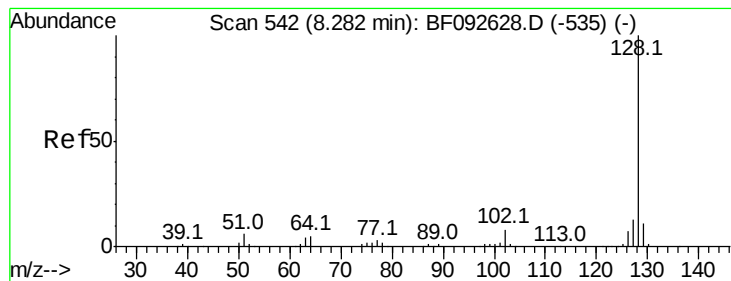
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.81 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.05 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	402381		
182	95.8	78.2	117.4	
145	31.6	21.6	32.4	





#31

Naphthalene

Concen: 38.94 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1394731

Ion Ratio Lower Upper

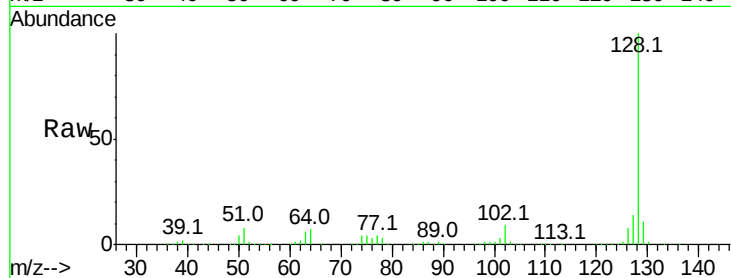
128 100

129 11.1 9.5 14.3

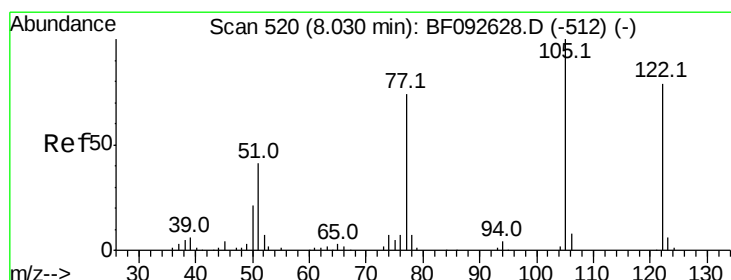
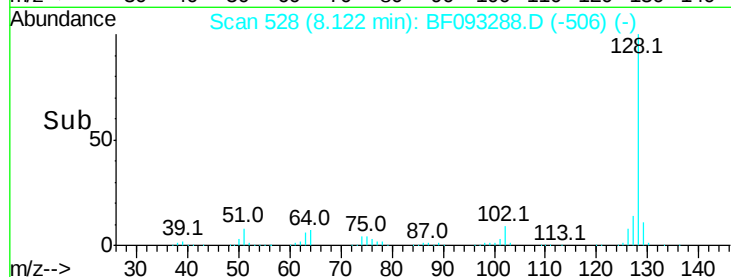
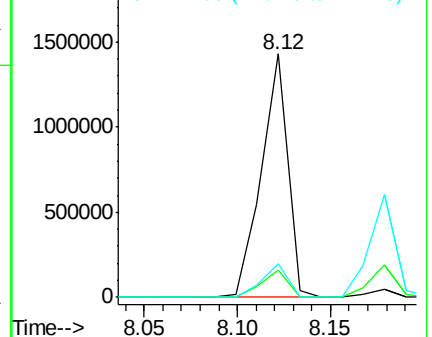
127 13.7 10.8 16.2

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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: 35.04 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

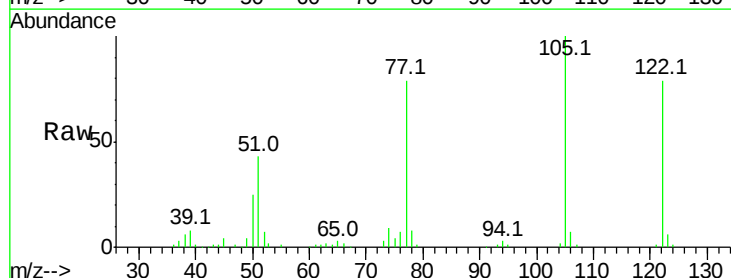
Tgt Ion:122 Resp: 201875

Ion Ratio Lower Upper

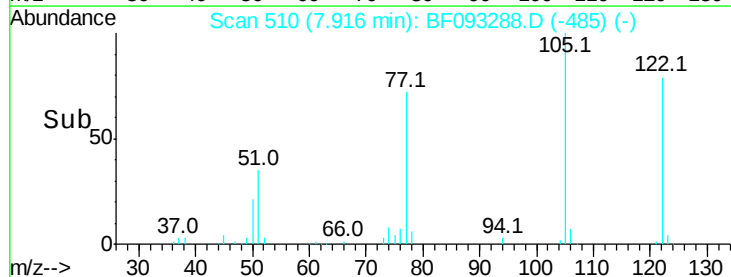
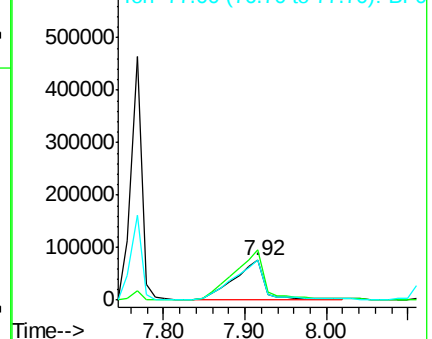
122 100

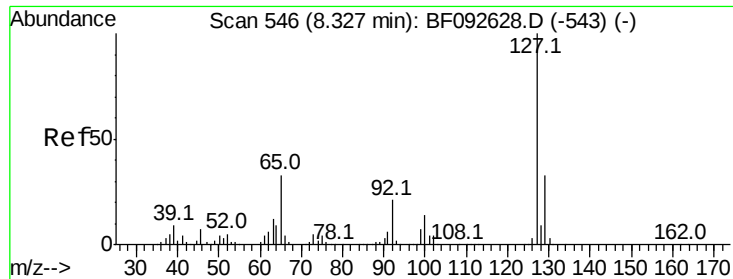
105 126.5 107.2 147.2

77 100.2 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





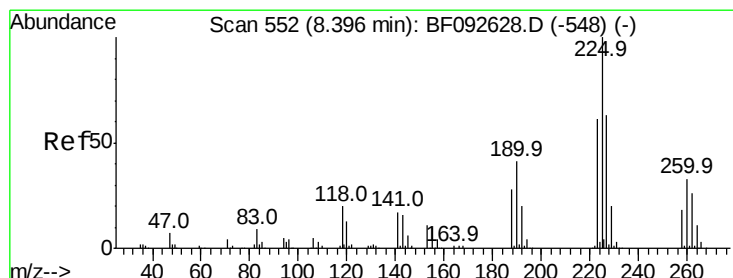
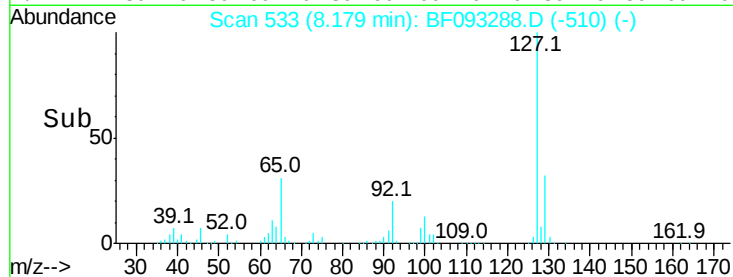
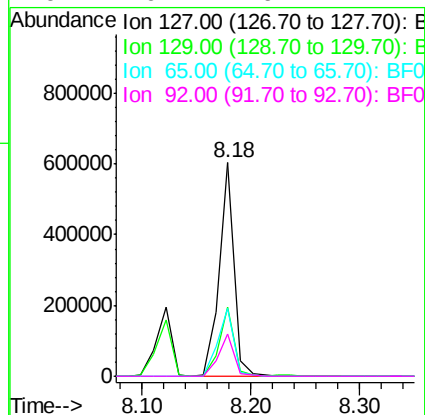
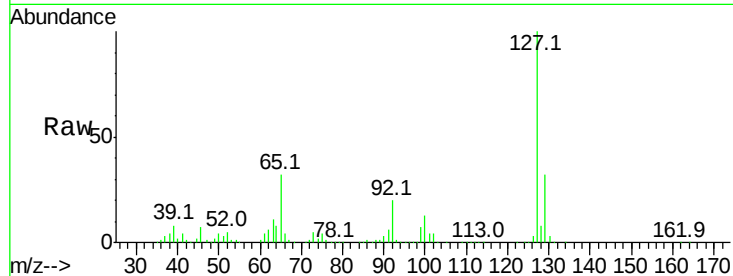
#33
4-Chloroaniline
Concen: 41.44 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.3	39.5	
65	31.7	25.8	38.8	
92	20.1	16.1	24.1	

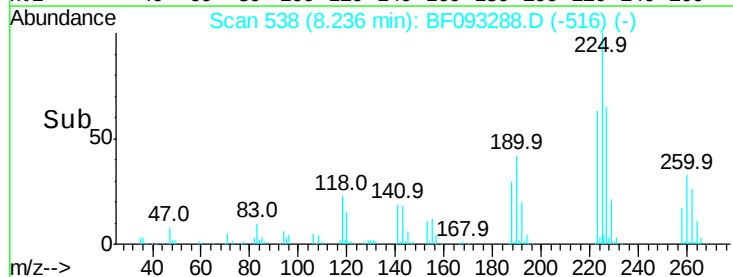
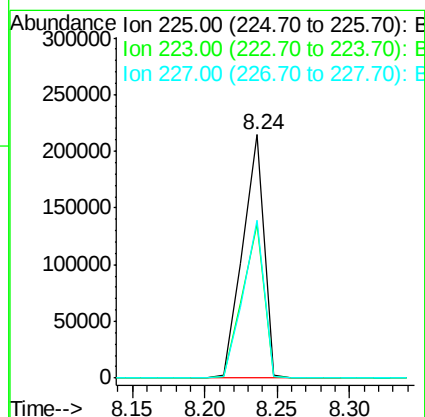
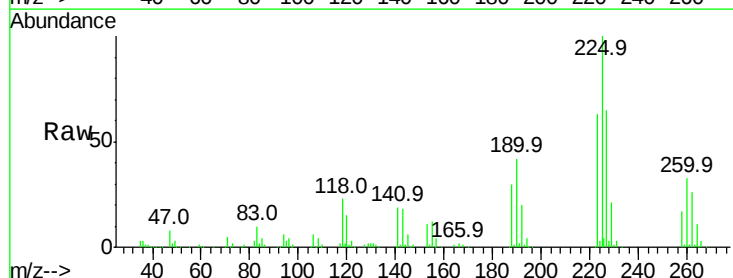
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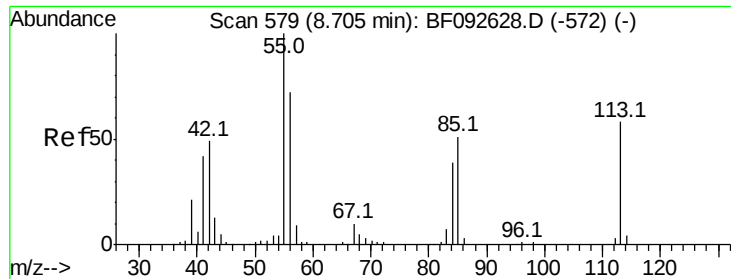
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#34
Hexachlorobutadiene
Concen: 36.76 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	51.0	76.6	
227	65.1	50.6	76.0	





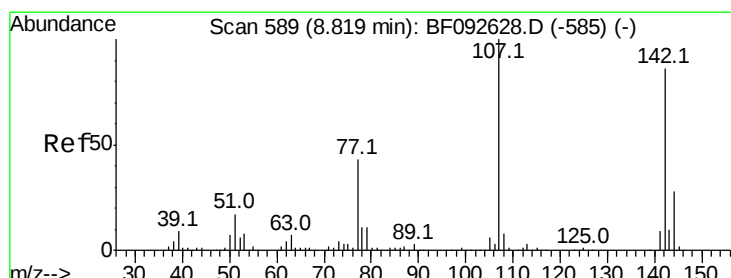
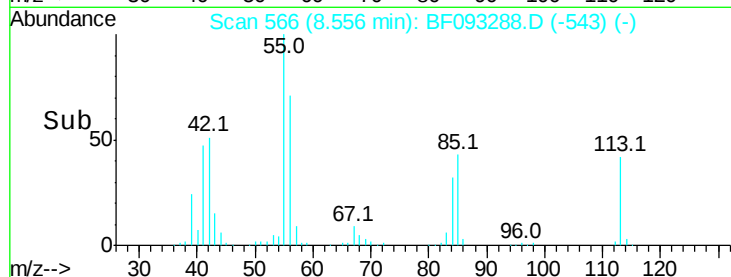
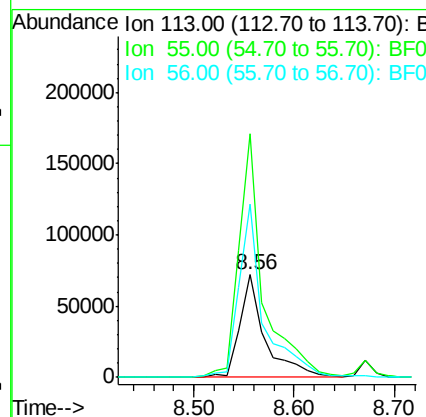
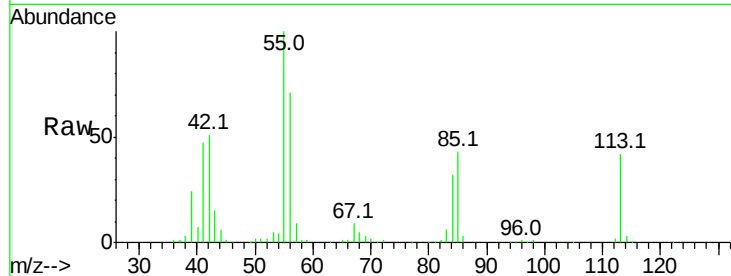
#35
 Caprolactam
 Concen: 39.34 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.03 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	238.1	119.2	159.2#
56	169.3	83.8	123.8#

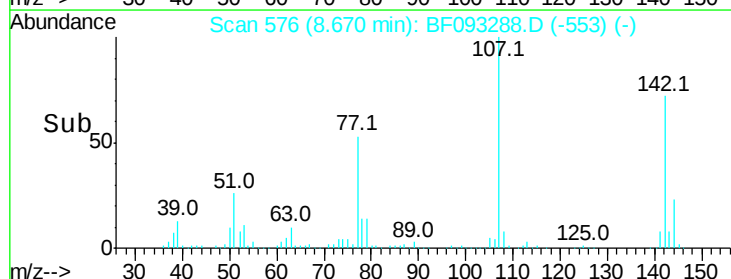
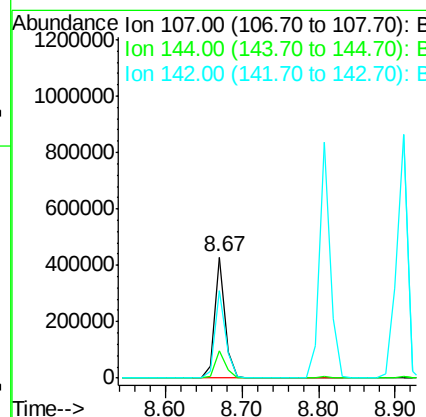
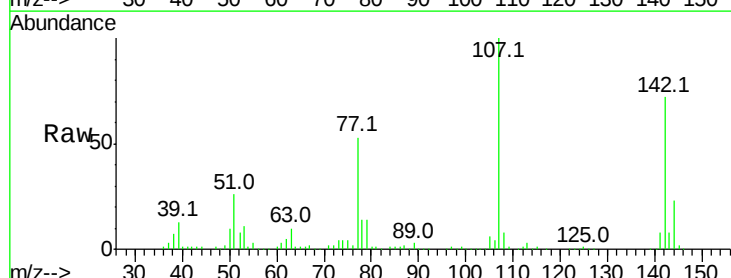
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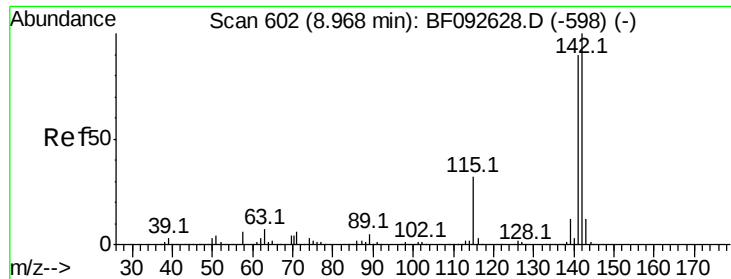
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#36
 4-Chloro-3-methylphenol
 Concen: 37.80 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	19.3	28.9
142	72.1	59.0	88.6





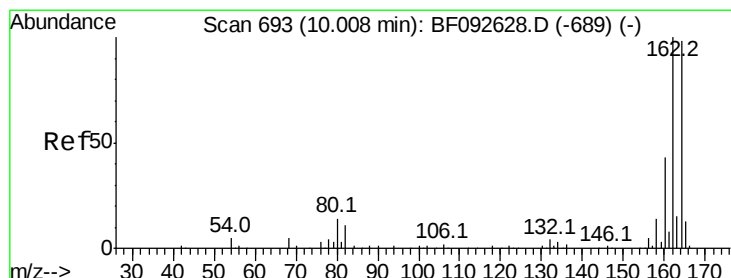
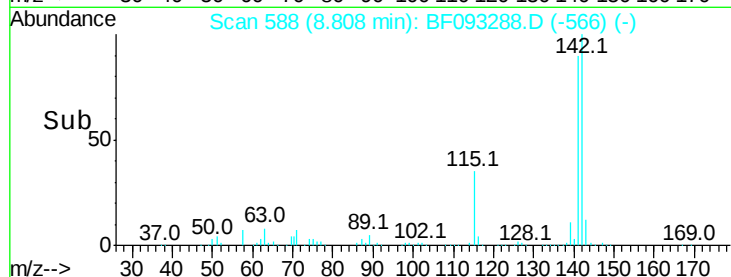
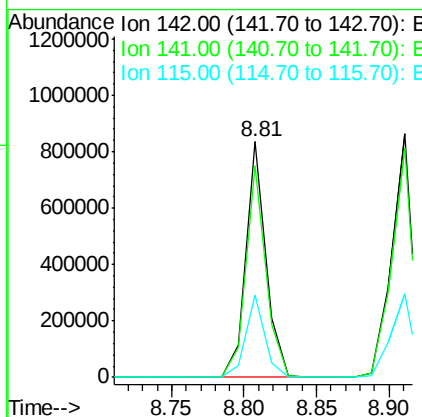
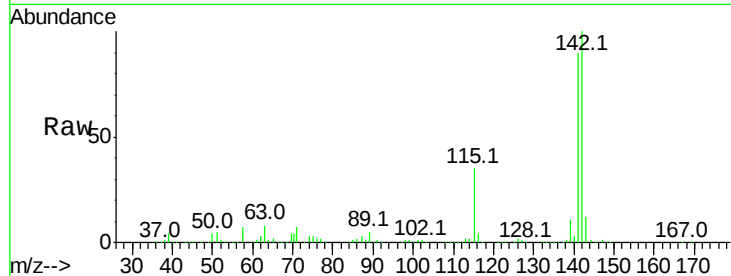
#37
2-Methylnaphthalene
Concen: 34.95 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	34.9	28.3	42.5

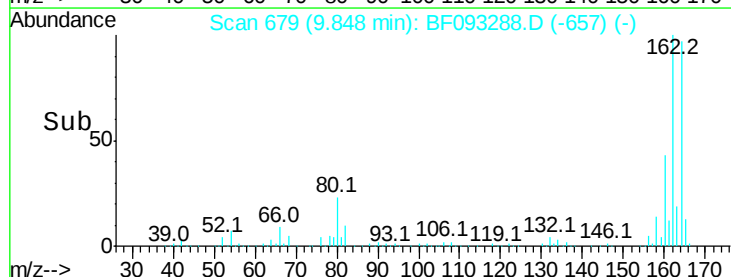
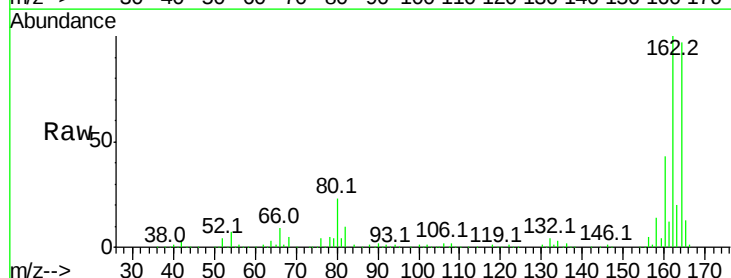
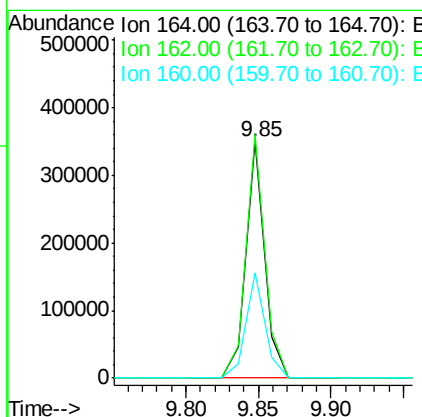
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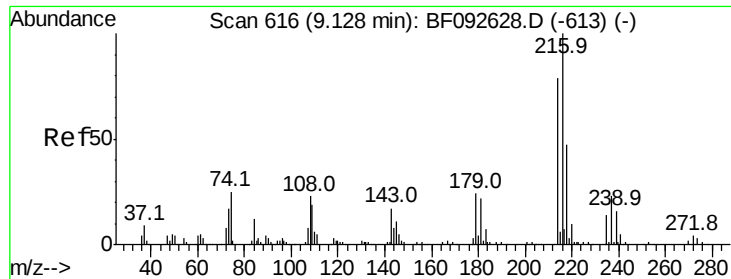
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	44.6	36.9	55.3





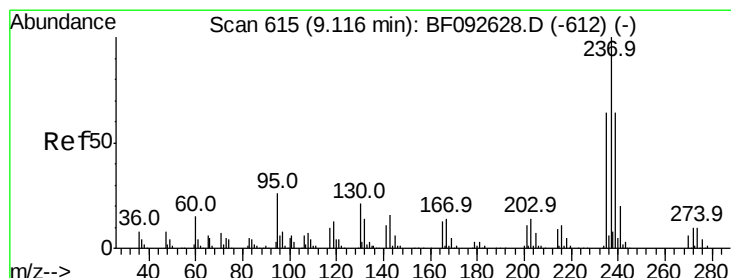
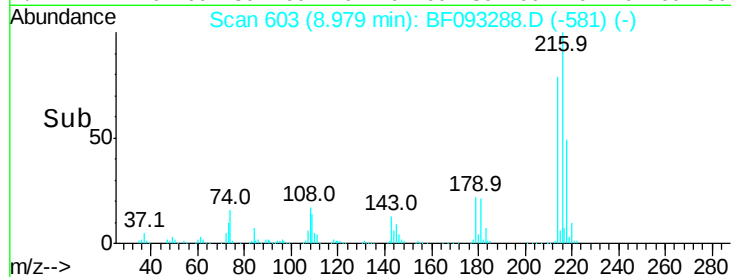
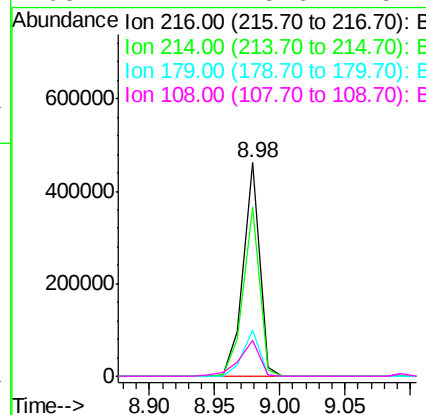
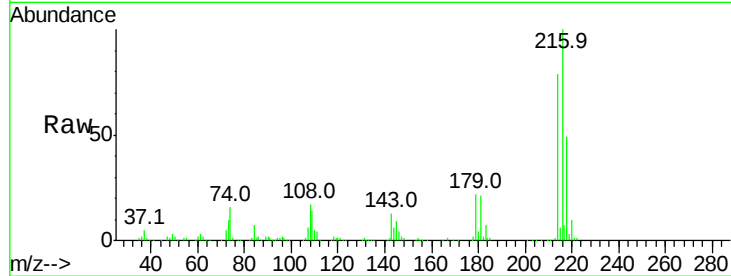
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.14 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	399747
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.4	95.0
179	22.1	17.4	26.2
108	21.7	15.6	23.4

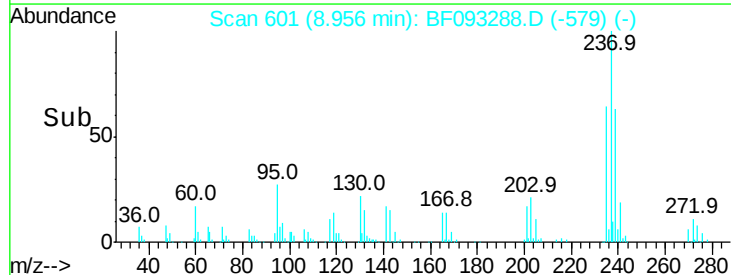
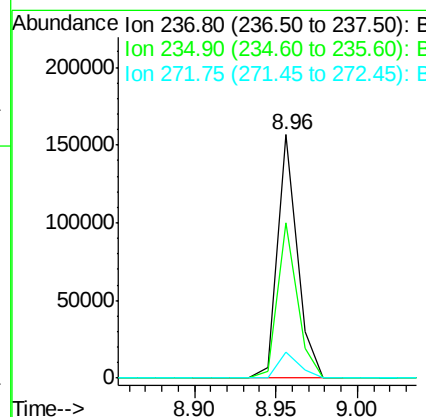
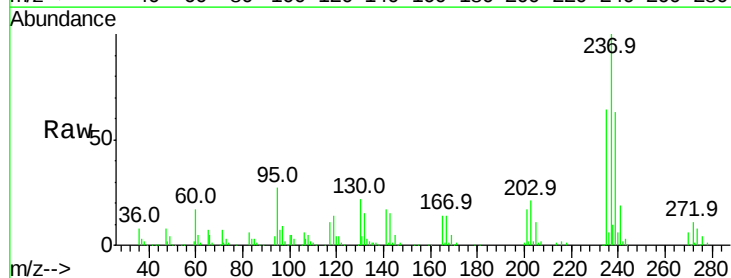
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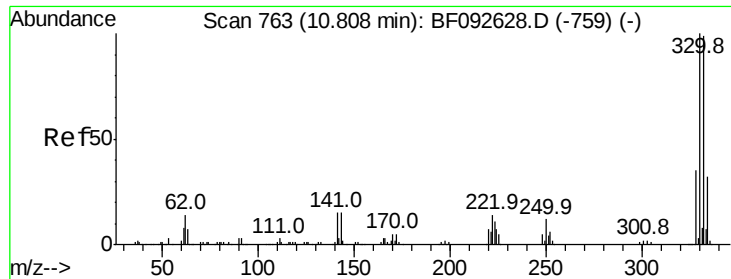
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#40
 Hexachlorocyclopentadiene
 Concen: 33.36 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Tgt Ion:	237	Resp:	133276
Ion Ratio	Lower	Upper	
237	100		
235	64.0	41.2	81.2
272	10.9	0.0	35.4





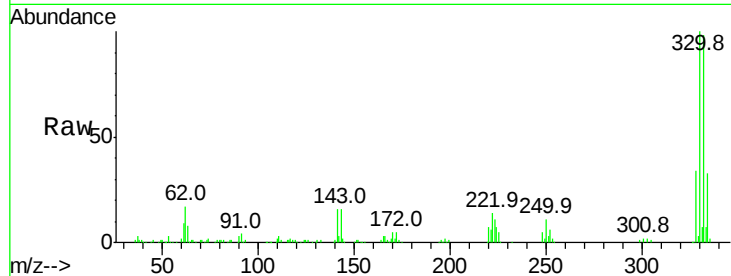
#41
 2,4,6-Tribromophenol
 Concen: 85.04 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

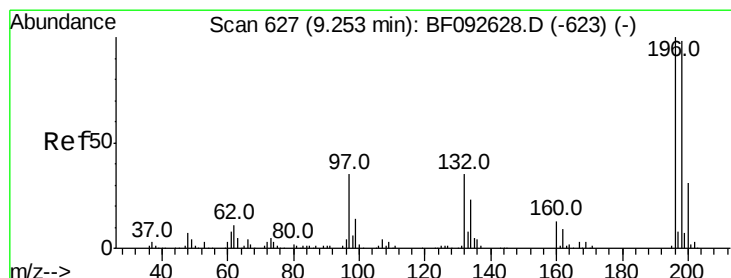
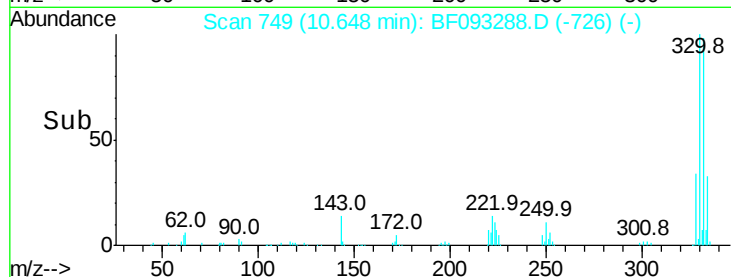
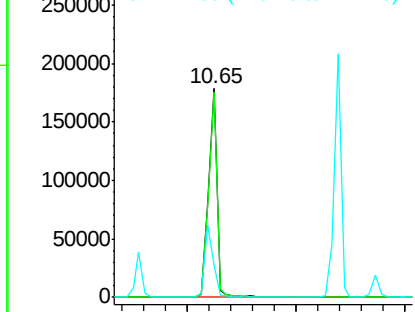
Tot Ion	Ratio	Resp	Lower	Upper
330	100	194043		
332	97.7	77.4	116.2	
141	34.3	34.1	51.1	

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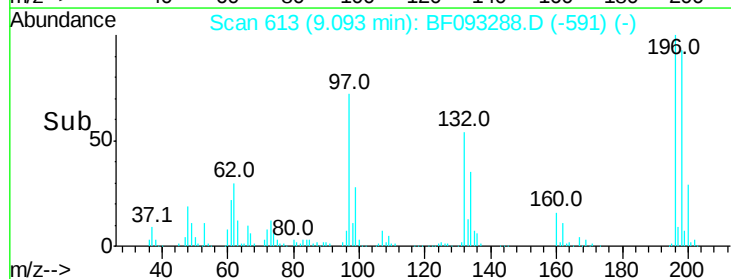
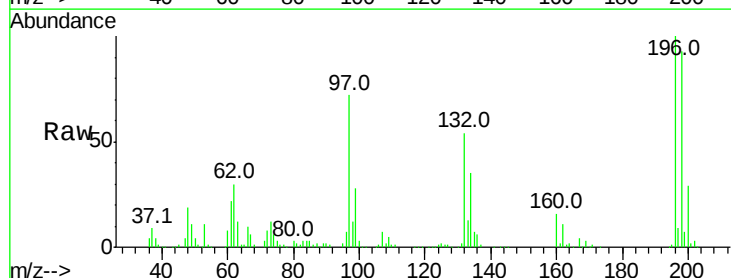
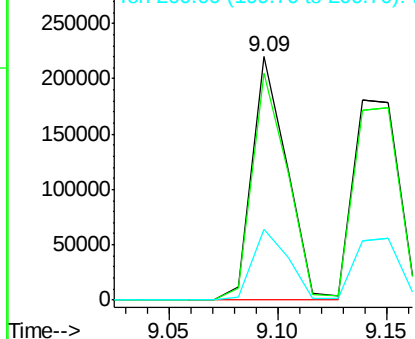
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

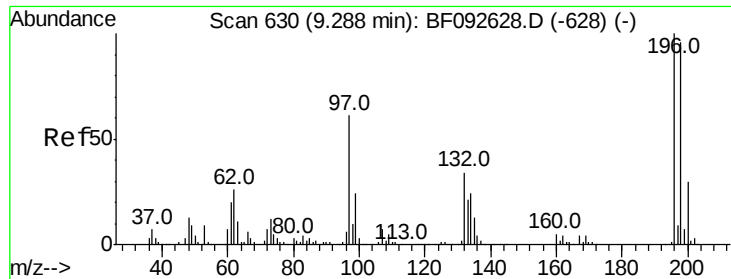


#42
 2,4,6-Trichlorophenol
 Concen: 42.41 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	246766		
198	93.5	82.1	123.1	
200	29.3	27.0	40.4	

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





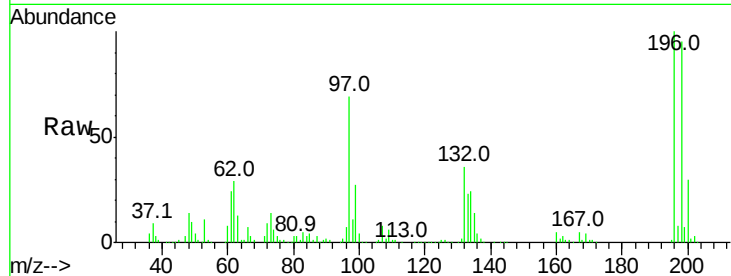
#43
 2,4,5-Trichlorophenol
 Concen: 42.14 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

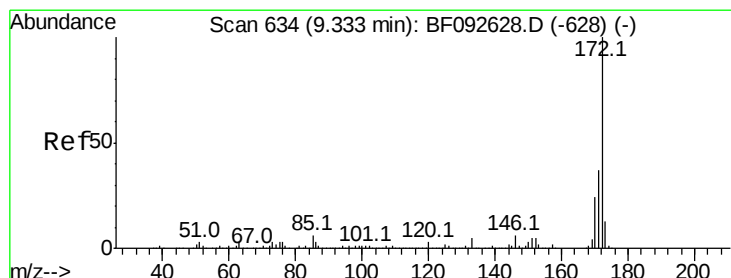
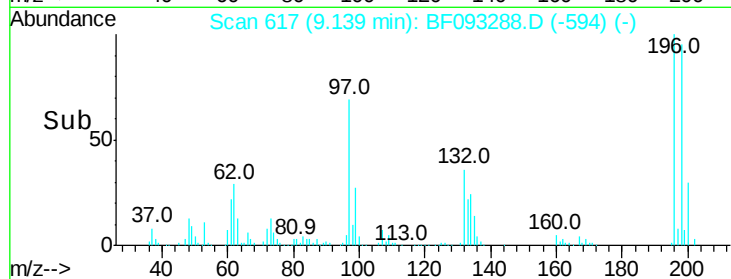
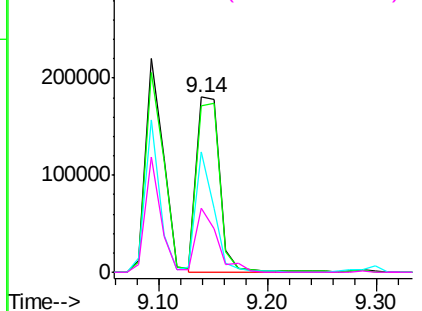
Tot Ion:	196	Resp:	268667
Ion Ratio	Lower	Upper	
196	100		
198	94.9	79.4	119.2
97	69.0	51.5	77.3
132	36.2	27.4	41.2

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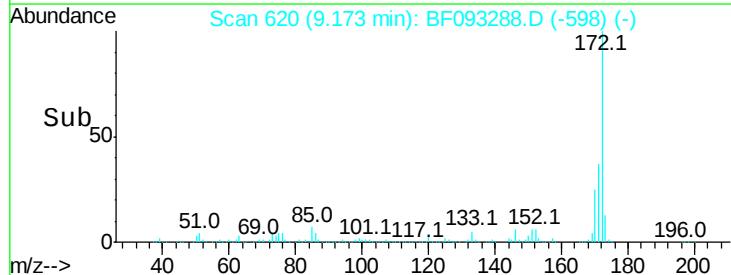
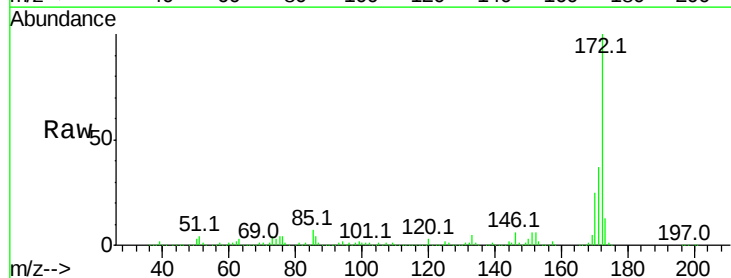
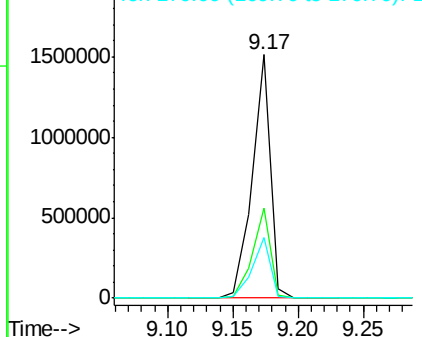
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.86 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Tgt Ion:	172	Resp:	1460354
Ion Ratio	Lower	Upper	
172	100		
171	37.1	29.4	44.0
170	24.7	20.2	30.4

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





#45

1,1'-Biphenyl

Concen: 45.40 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1037011

Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

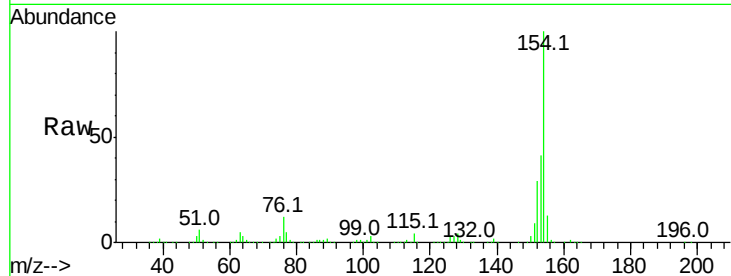
76 11.9 0.0 30.5

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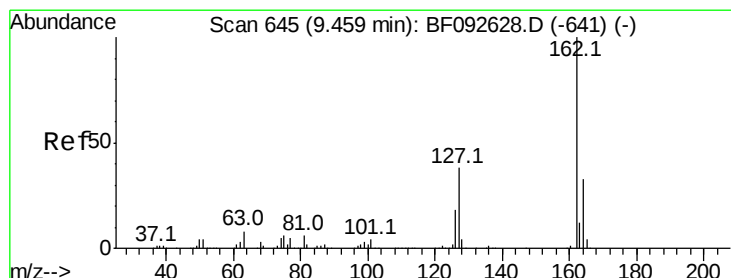
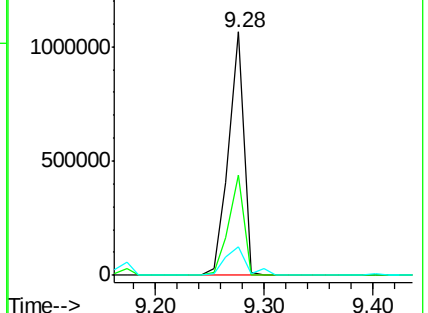
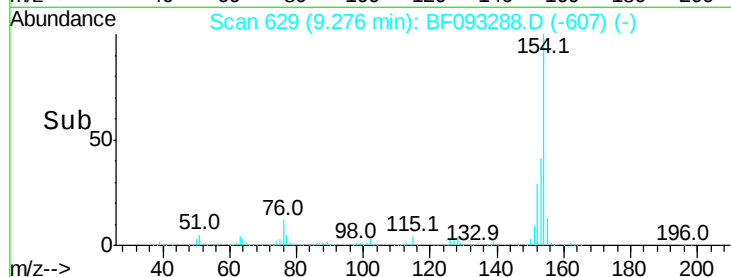
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.82 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

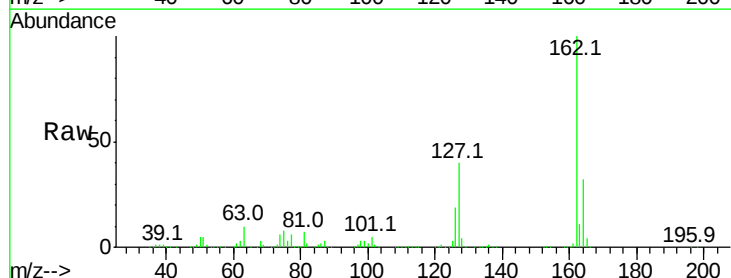
Tgt Ion:162 Resp: 783033

Ion Ratio Lower Upper

162 100

127 40.2 30.7 46.1

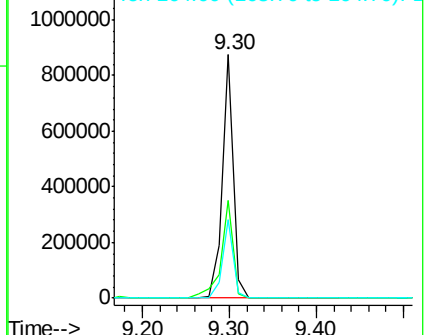
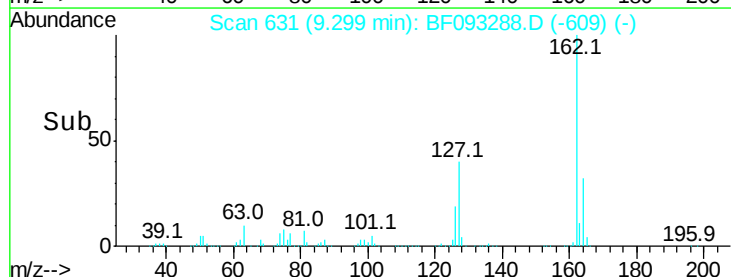
164 32.4 27.6 41.4

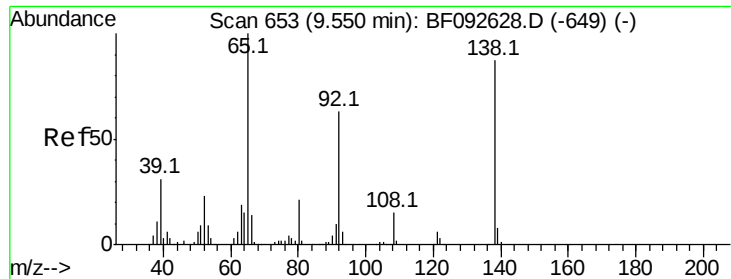


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





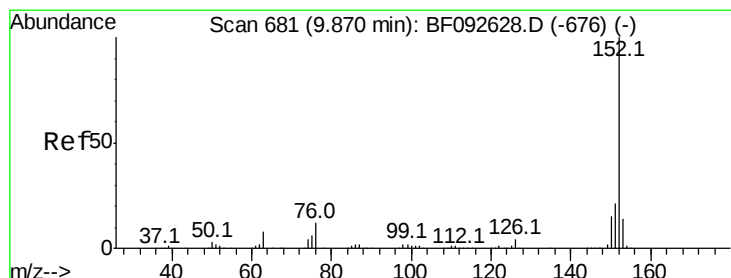
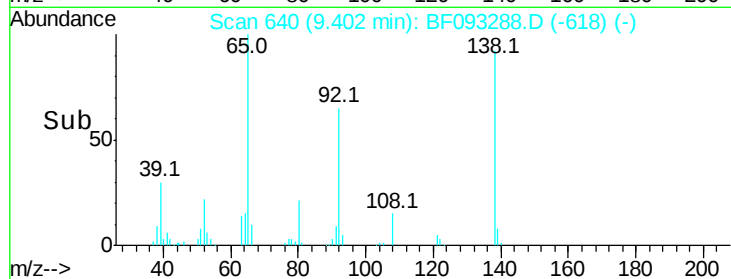
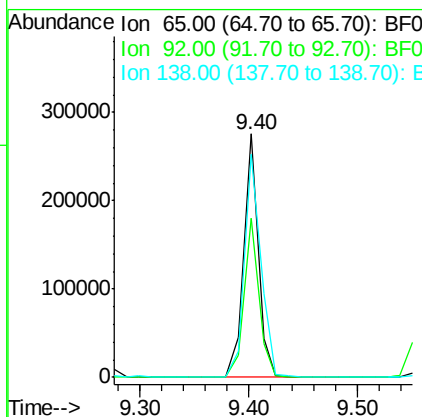
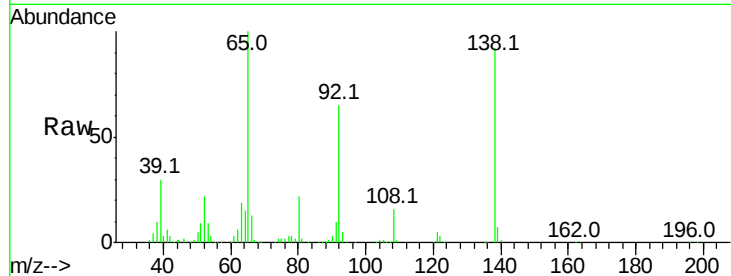
#47
2-Nitroaniline
Concen: 42.34 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.2	53.9	80.9
138	91.6	76.8	115.2

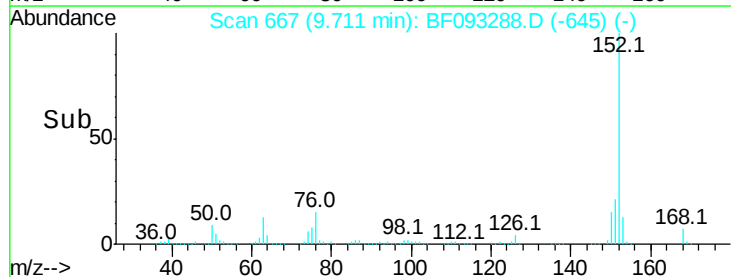
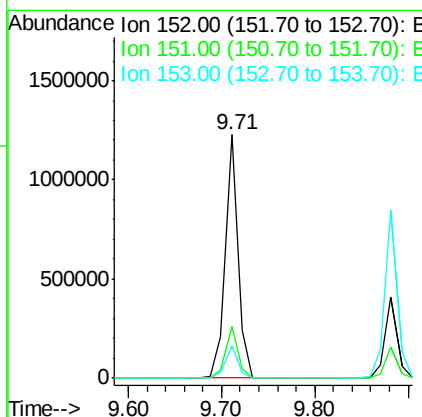
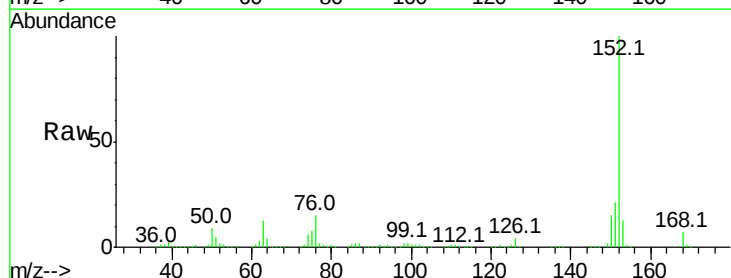
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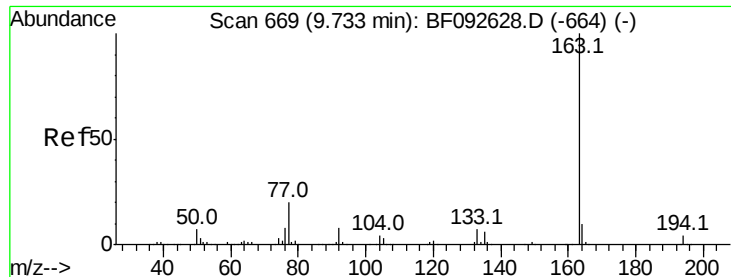
mohammad
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#48
Acenaphthylene
Concen: 37.58 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.5	11.4	17.2





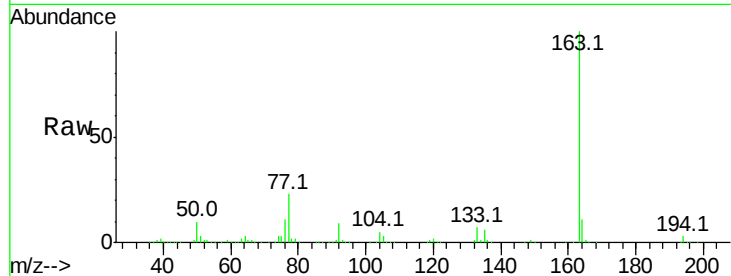
#49
Dimethylphthalate
Concen: 41.82 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

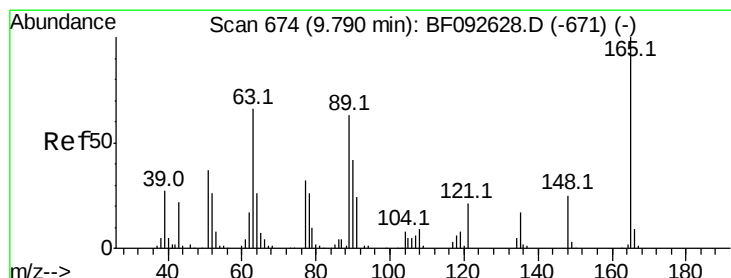
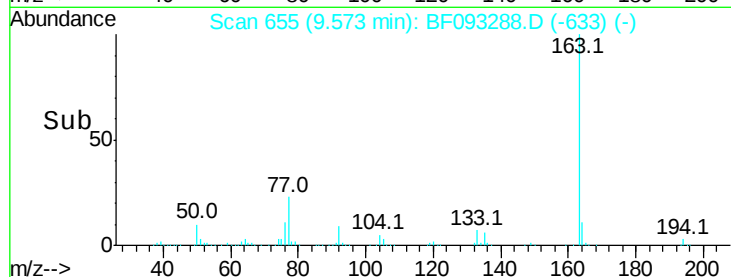
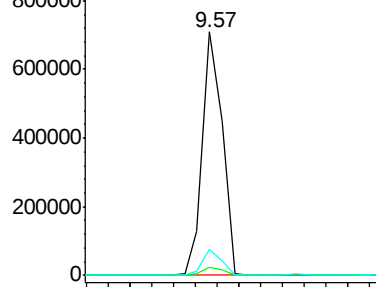
Tot Ion	Ratio	Resp	Lower	Upper
163	100	888594		
194	3.3		3.0	4.4
164	10.7		8.0	12.0

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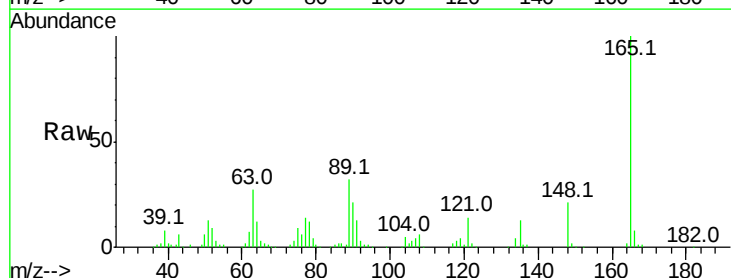


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

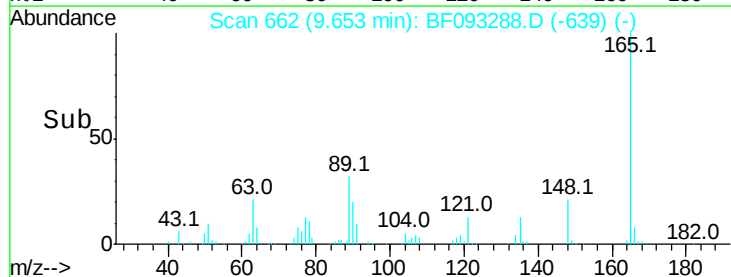
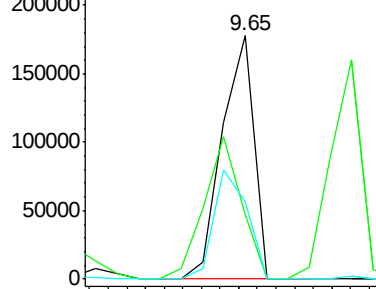


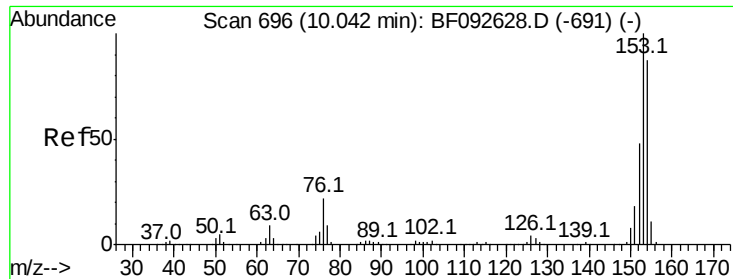
#50
2,6-Dinitrotoluene
Concen: 45.70 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	209726		
63	26.6		36.2	54.4#
89	31.8		40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





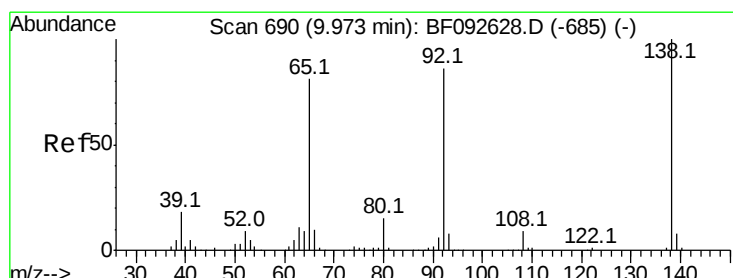
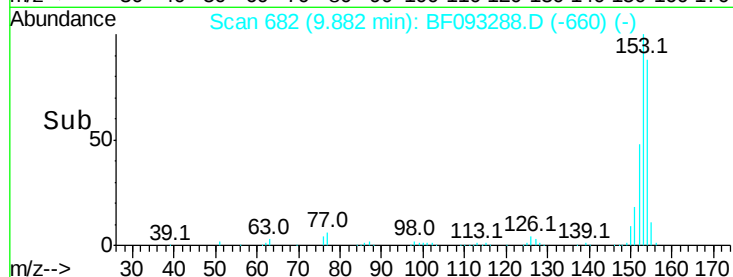
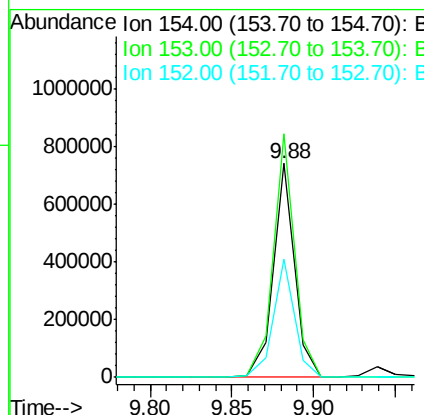
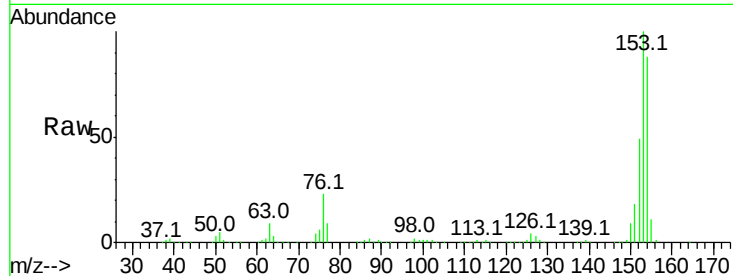
#51
Acenaphthene
Concen: 36.53 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.8	88.6	133.0
152	55.5	41.6	62.4

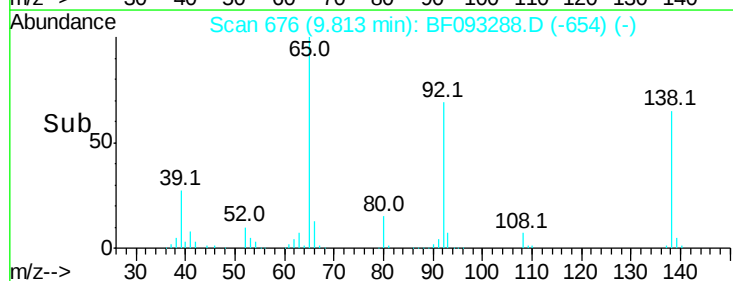
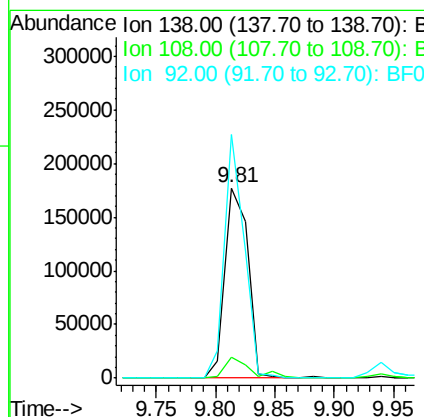
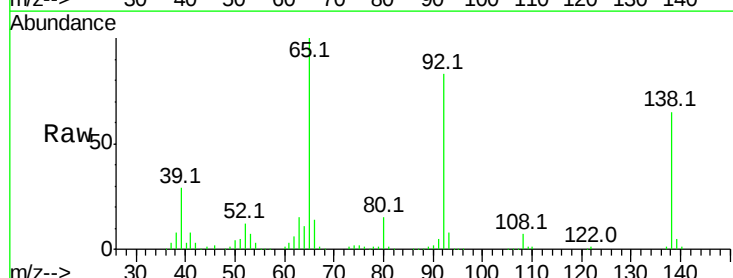
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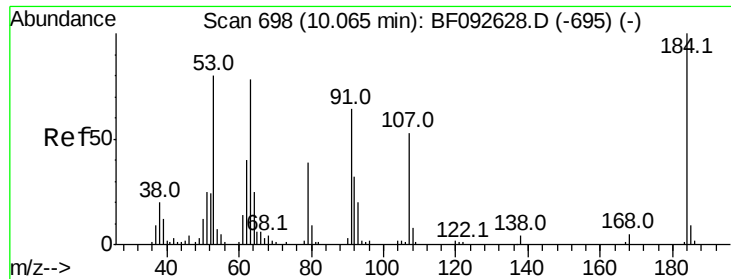
mohammad
3/2/2017 1:42:25 PM



#52
3-Nitroaniline
Concen: 45.24 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.5	12.7
92	128.1	97.8	146.8





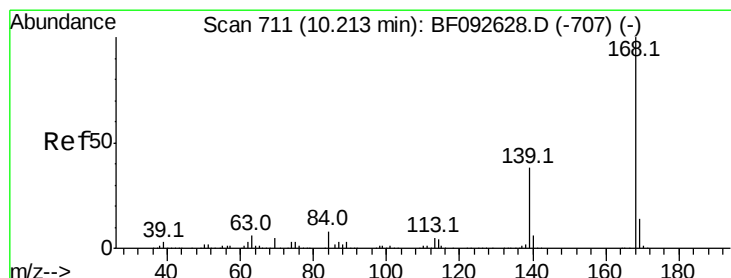
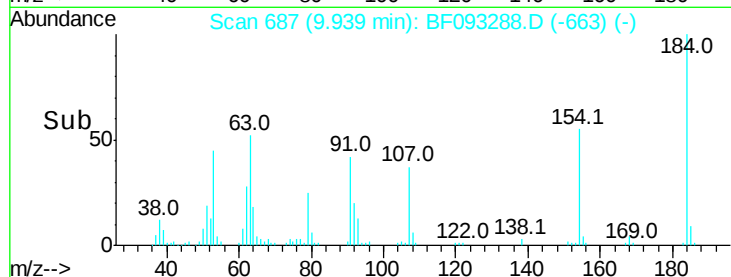
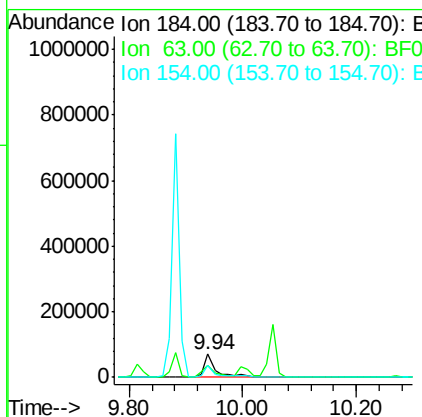
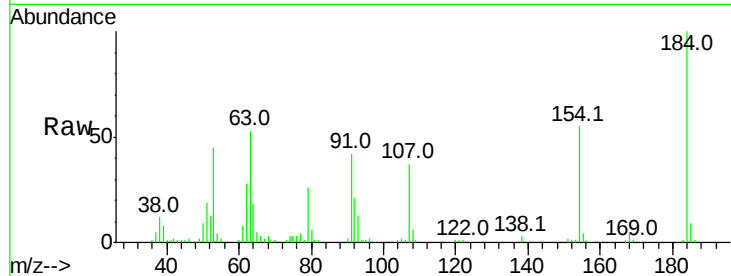
#53
 2,4-Dinitrophenol
 Concen: 46.61 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	53.1	28.4	42.6	
154	54.8	44.3	66.5	

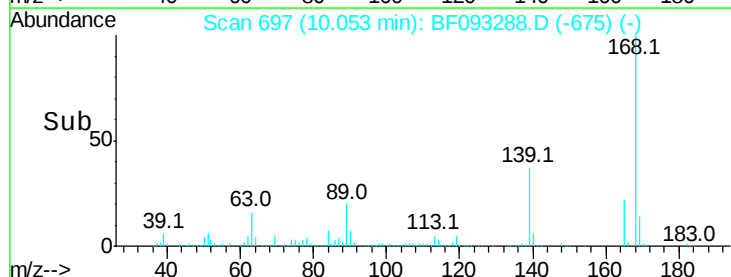
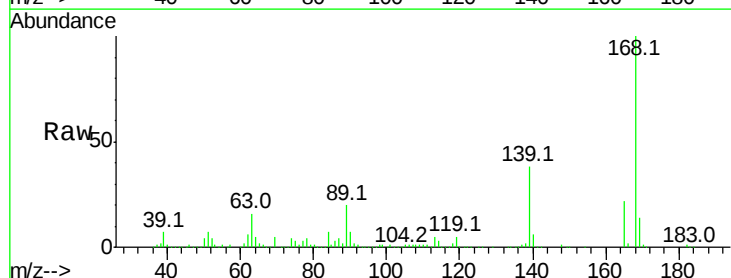
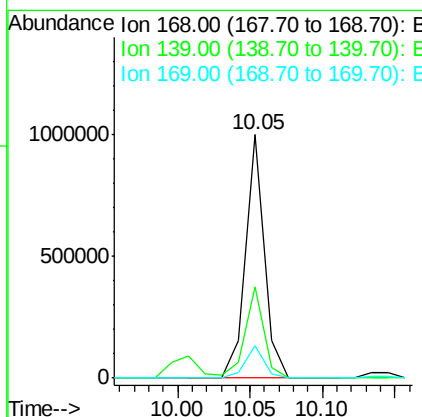
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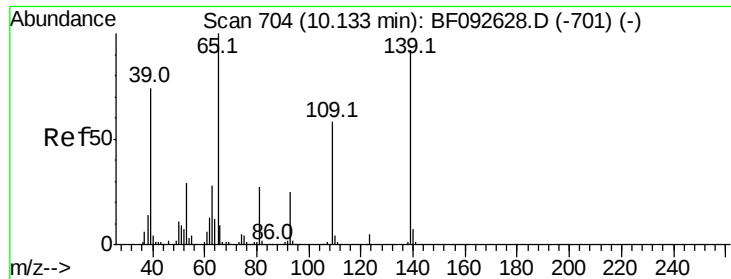
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#54
 Dibenzofuran
 Concen: 36.33 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.5	32.6	49.0	
169	13.6	11.3	16.9	





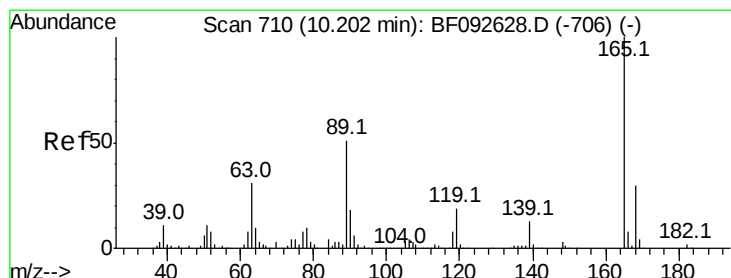
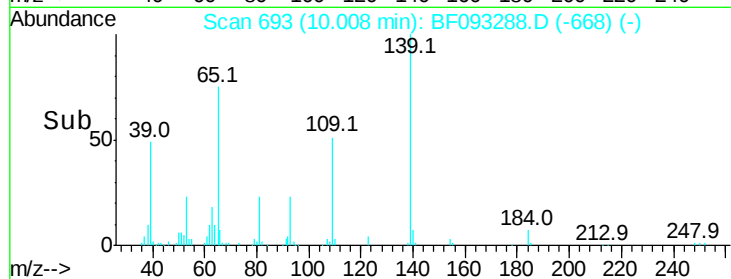
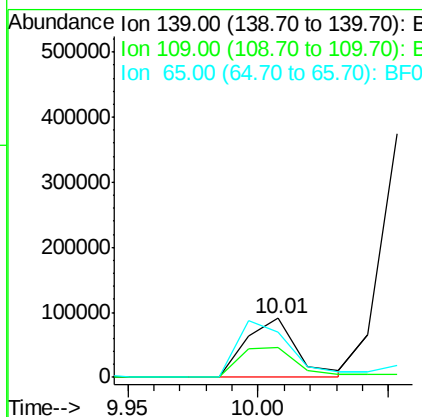
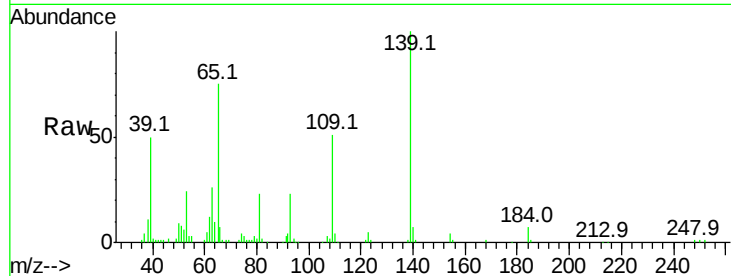
#55
4-Nitrophenol
Concen: 32.92 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	50.9	52.2	92.2#
65	75.4	85.8	125.8#

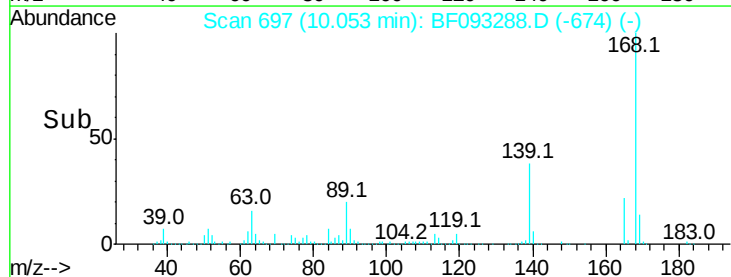
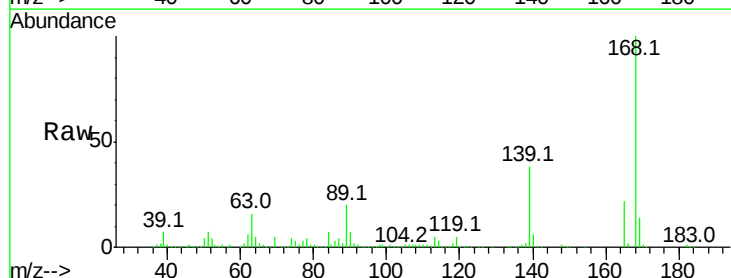
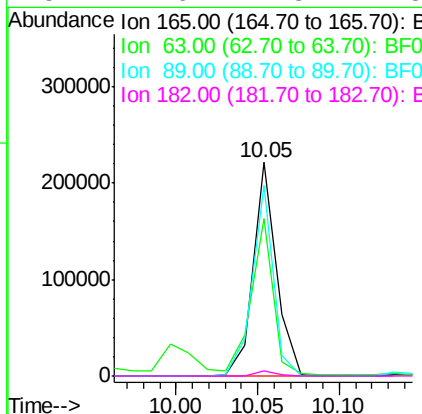
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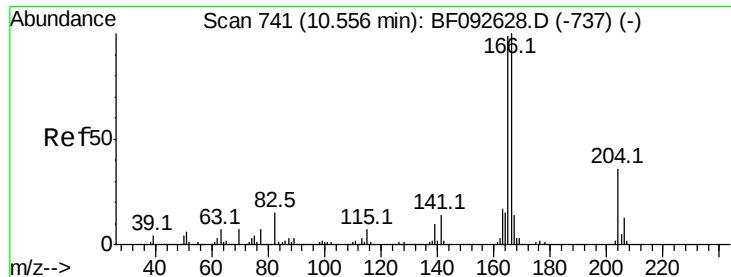
mohammad
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#56
2,4-Dinitrotoluene
Concen: 35.79 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.5	40.2	60.4#
89	89.3	62.5	93.7
182	2.6	1.8	2.8





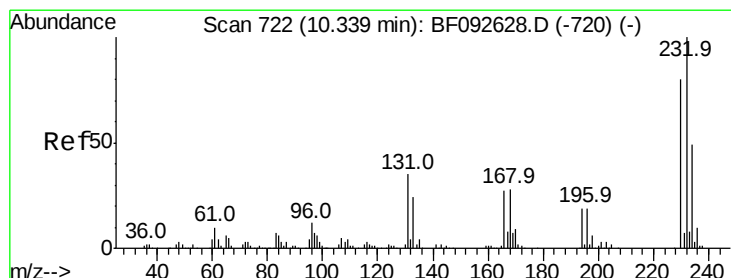
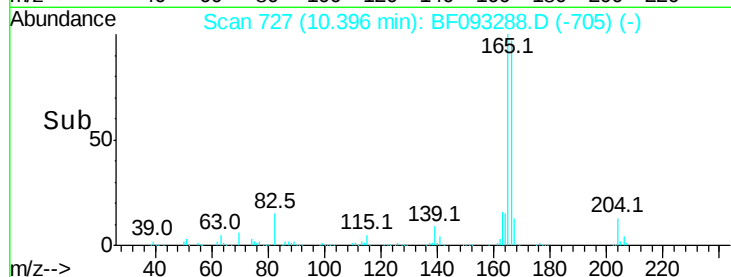
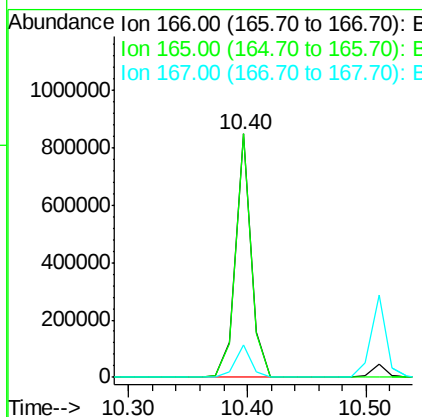
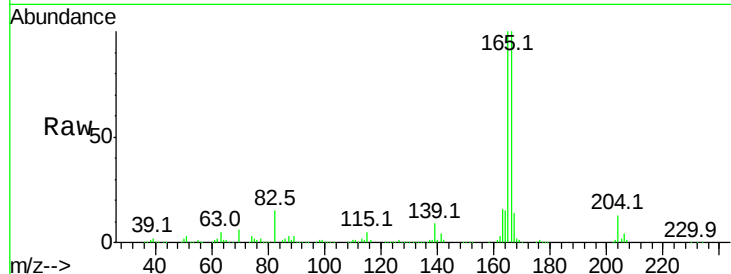
#57
Fluorene
 Concen: 40.99 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.05 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	778535		
165	99.9	77.8	116.8	
167	13.6	10.8	16.2	

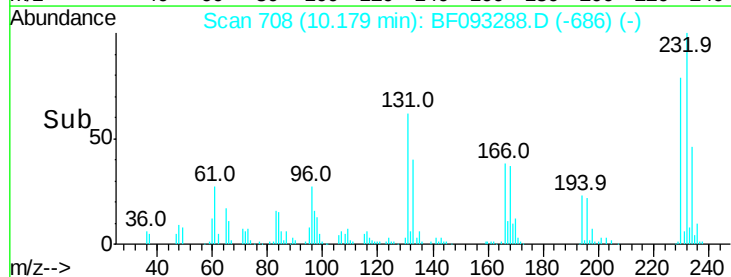
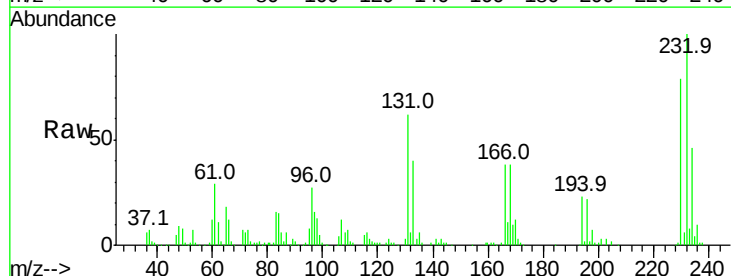
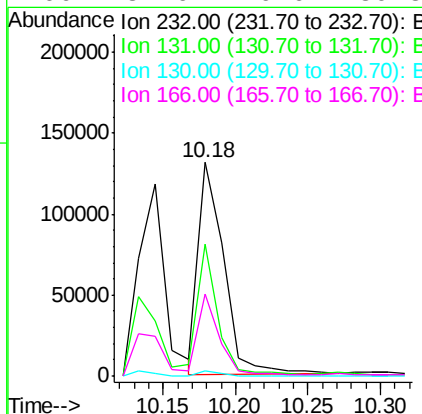
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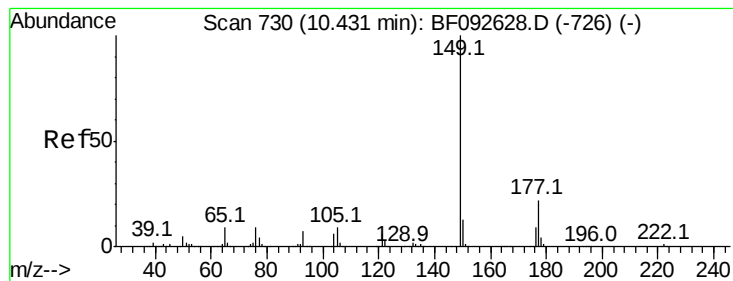
mohammad
 3/2/2017 1:42:25 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.89 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.05 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	161132		
231	51.6	40.1	60.1	
130	2.1	1.8	2.8	
166	31.6	26.6	39.8	





#59

Diethylphthalate

Concen: 39.88 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Instrument :

BNA_F

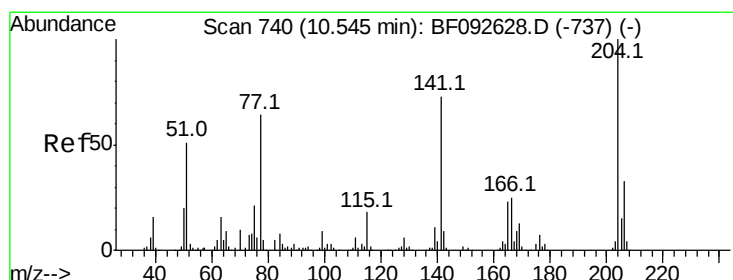
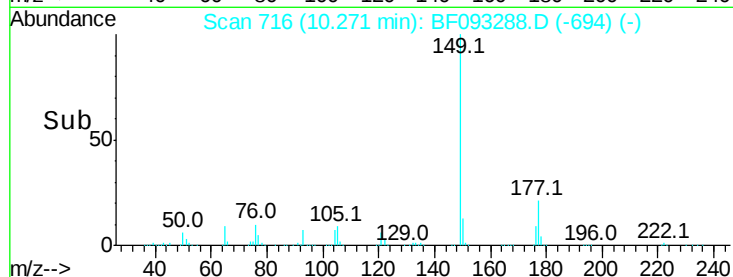
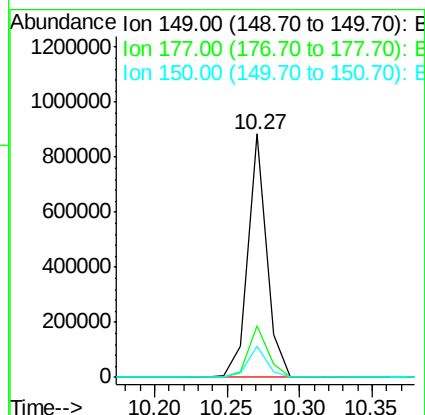
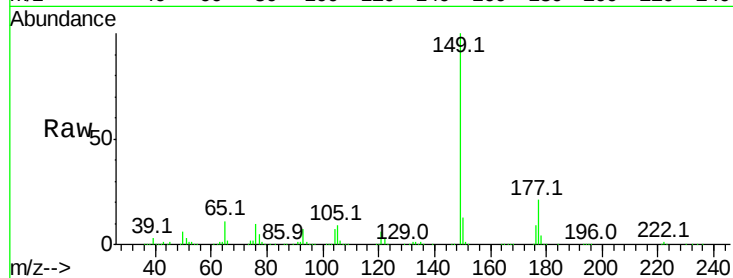
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	798527
Ion Ratio	Lower	Upper	
149	100		
177	21.0	16.6	25.0
150	12.7	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 38.31 ng

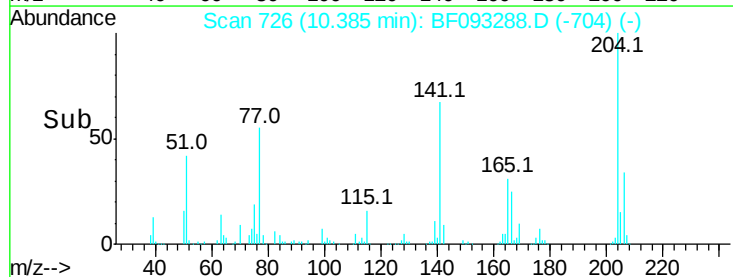
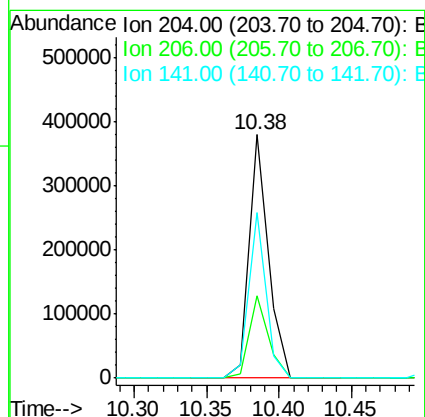
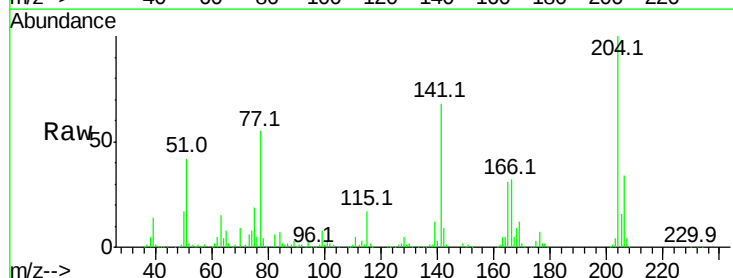
RT: 10.38 min Scan# 726

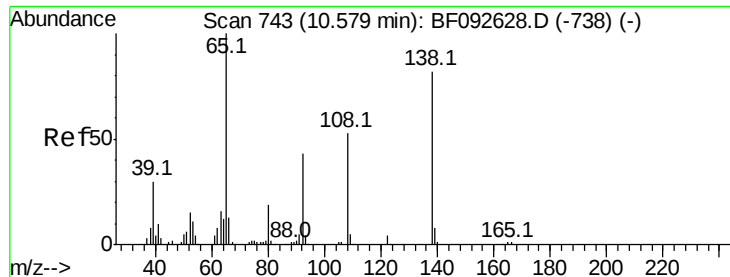
Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Tgt Ion:	204	Resp:	349546
Ion Ratio	Lower	Upper	
204	100		
206	33.9	25.8	38.6
141	67.8	59.4	89.0





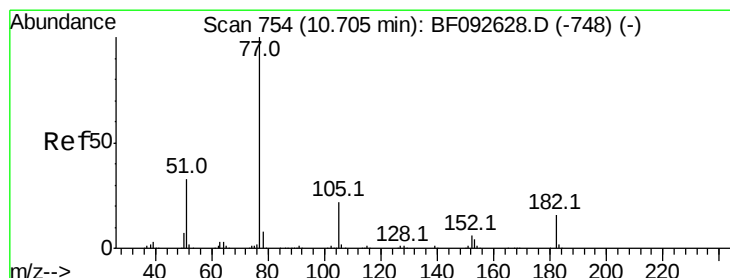
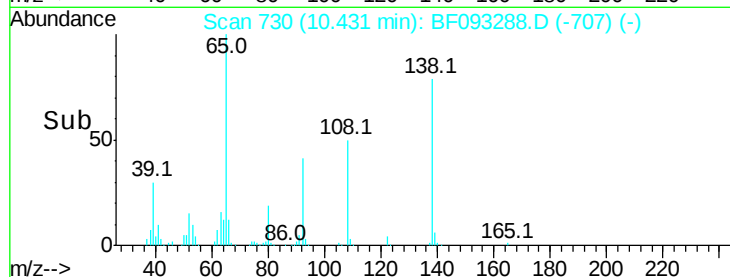
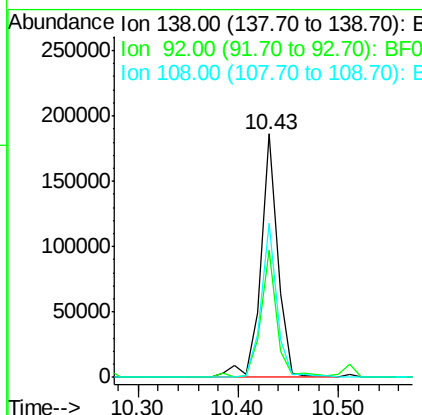
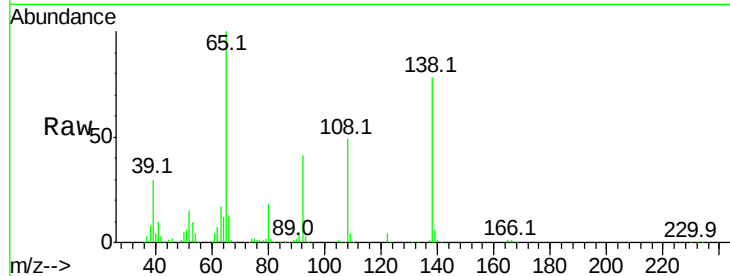
#61
4-Nitroaniline
Concen: 41.14 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.4	31.7	71.7
108	63.5	52.6	92.6

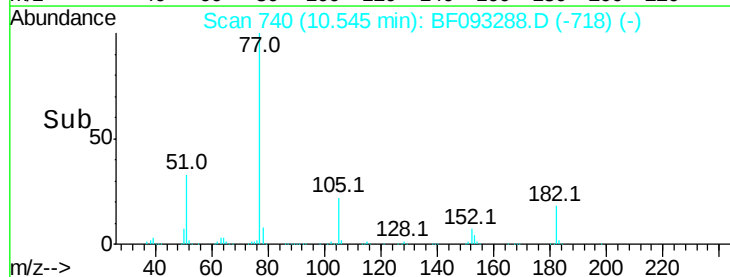
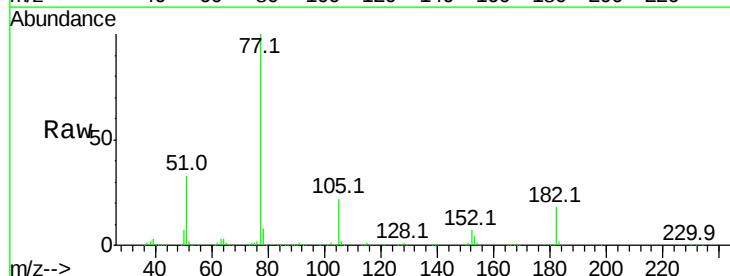
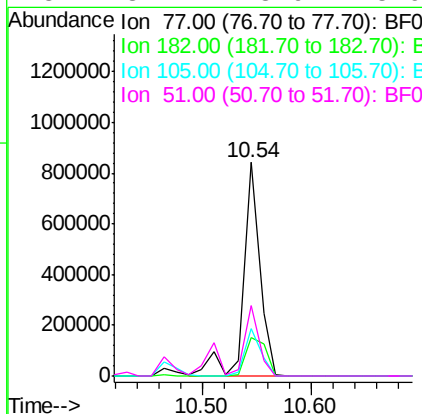
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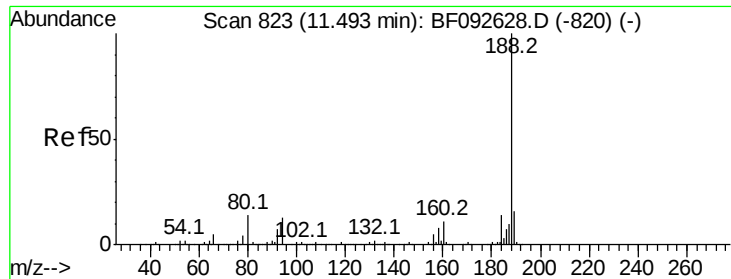
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#62
Azobenzene
Concen: 42.36 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.8	0.0	39.3
105	22.2	2.3	42.3
51	32.7	8.9	48.9





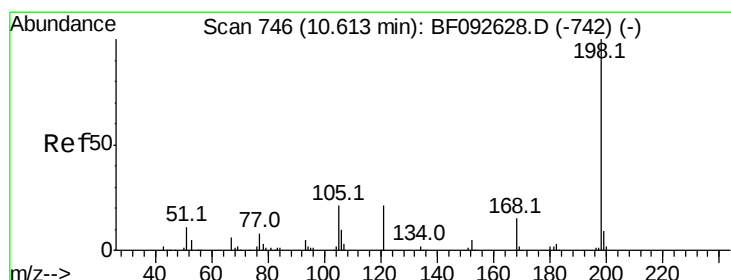
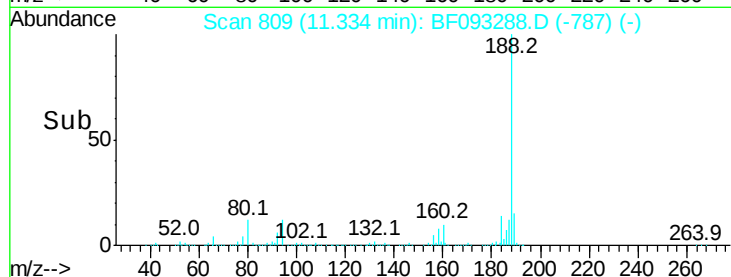
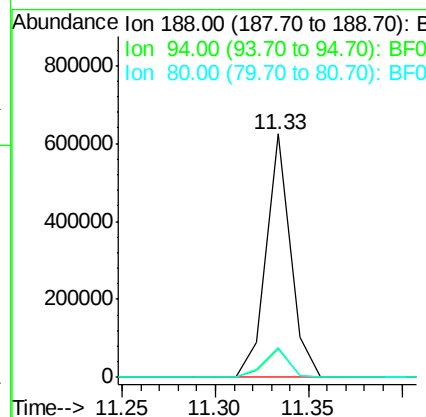
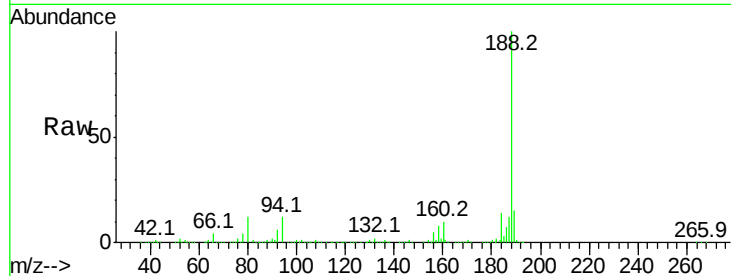
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.6	10.0	15.0	
80	12.2	11.2	16.8	

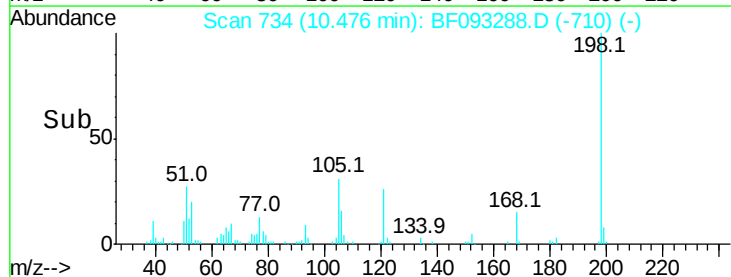
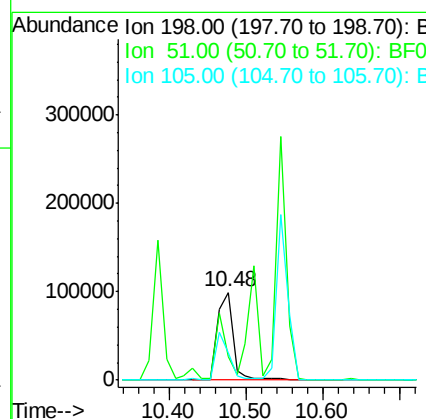
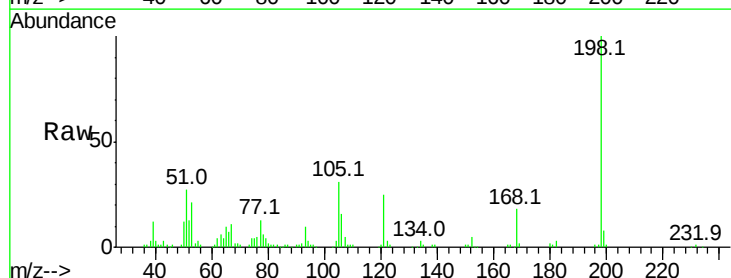
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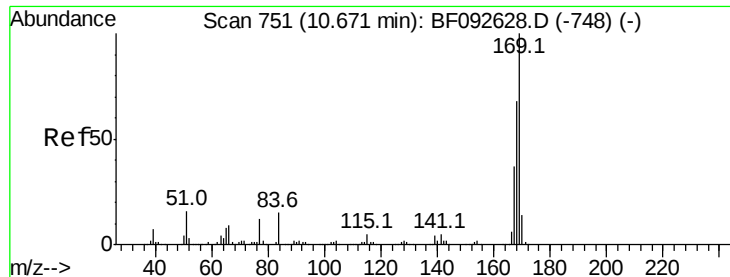
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.67 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	26.9	6.7	46.7	
105	30.8	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 38.16 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 686972

Ion Ratio Lower Upper

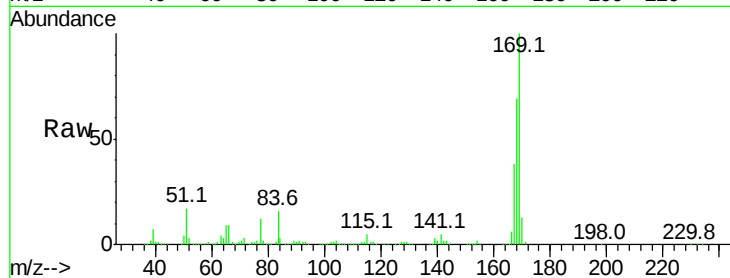
169 100

168 68.5 54.2 81.2

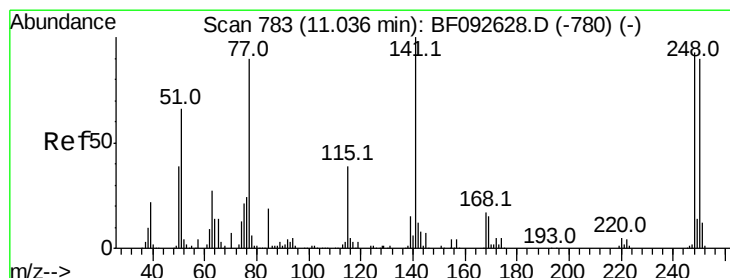
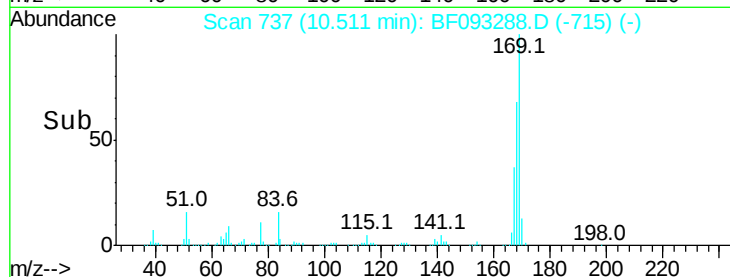
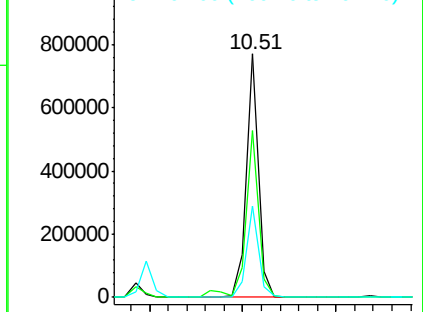
167 37.6 30.2 45.4

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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: 37.36 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

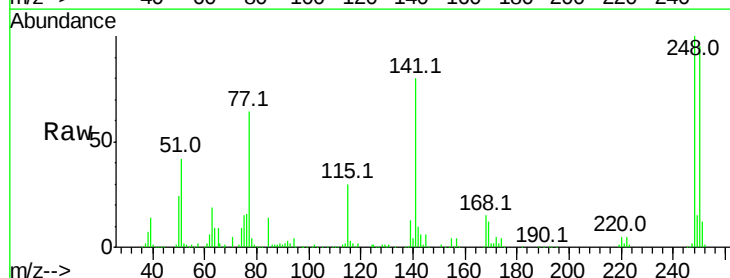
Tgt Ion:248 Resp: 219996

Ion Ratio Lower Upper

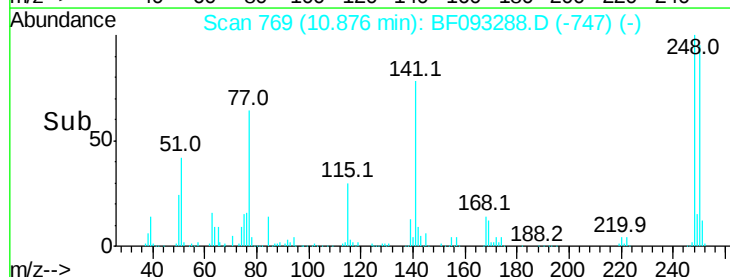
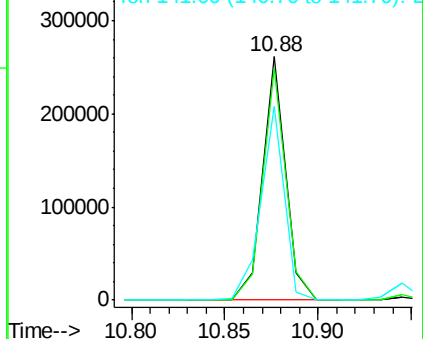
248 100

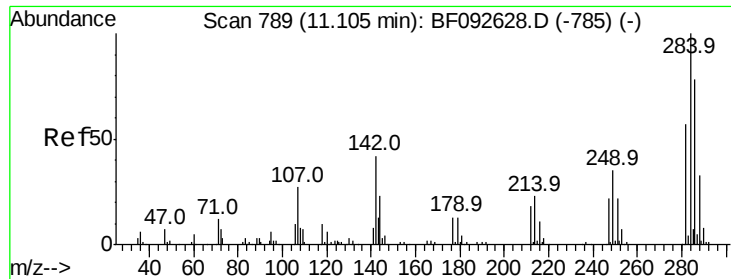
250 95.4 76.9 115.3

141 79.6 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





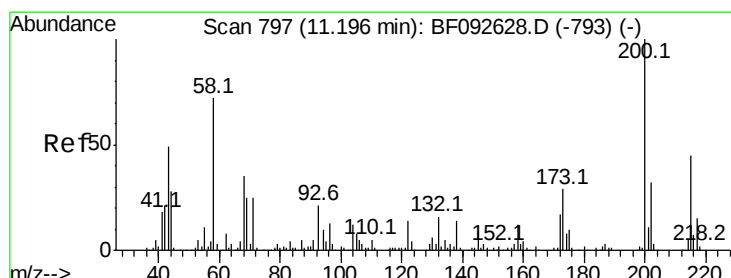
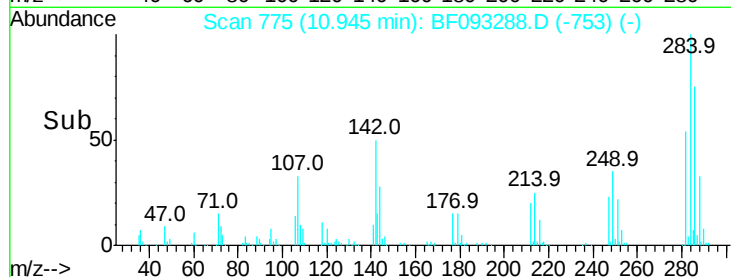
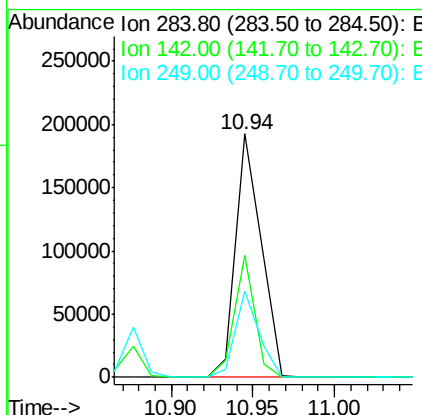
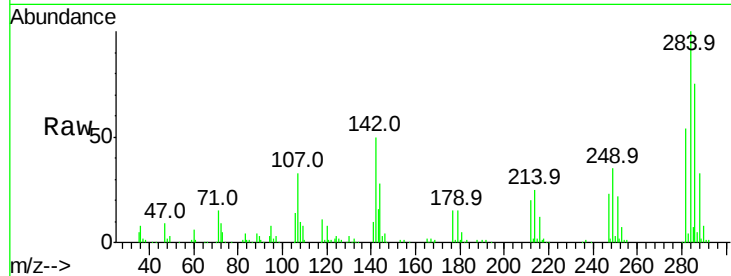
#67
Hexachlorobenzene
Concen: 35.64 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	207342		
142	50.0	22.6	33.8#	
249	35.3	25.4	38.0	

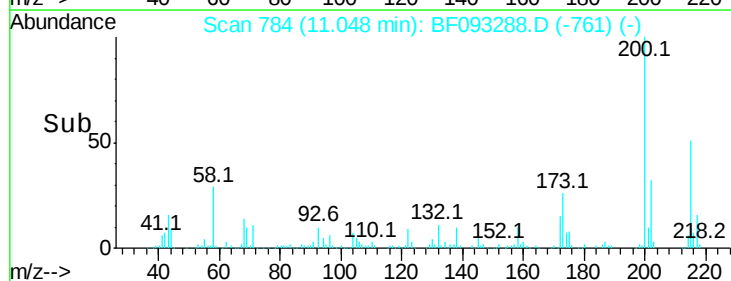
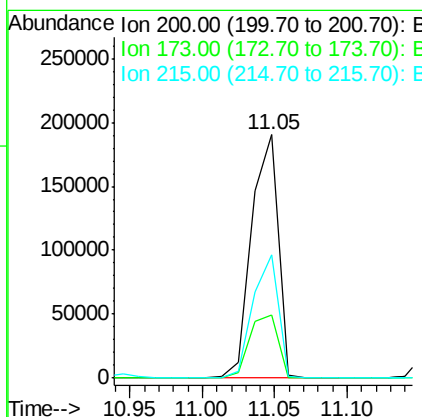
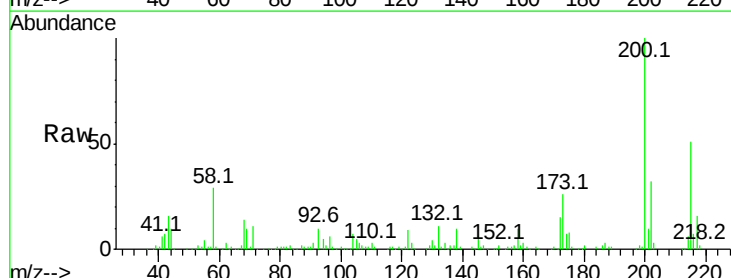
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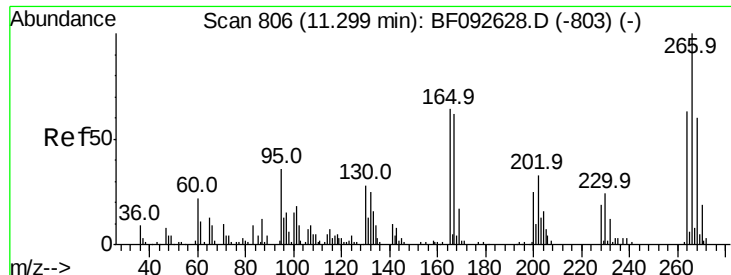
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#68
Atrazine
Concen: 41.87 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	241916		
173	25.8	9.6	49.6	
215	50.5	25.7	65.7	





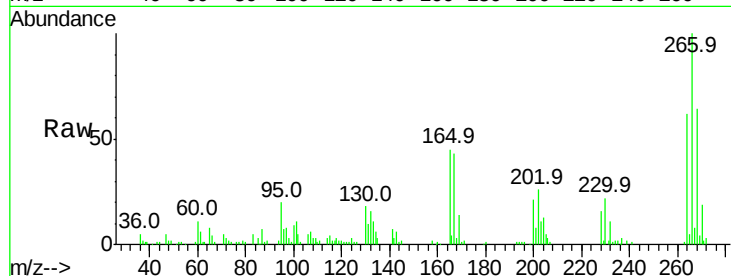
#69
 Pentachlorophenol
 Concen: 35.43 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

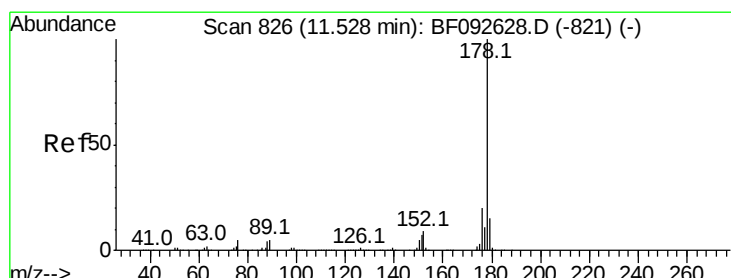
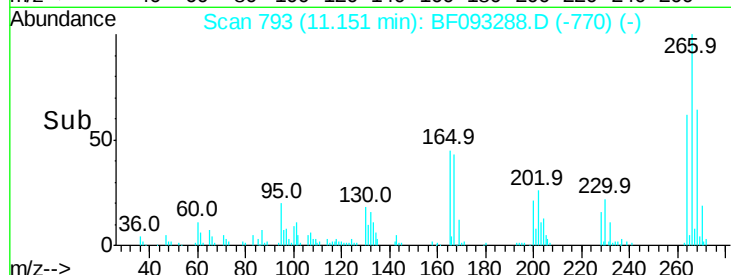
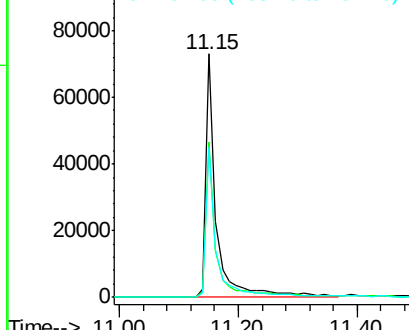
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	53.3	79.9
264	61.8	50.3	75.5

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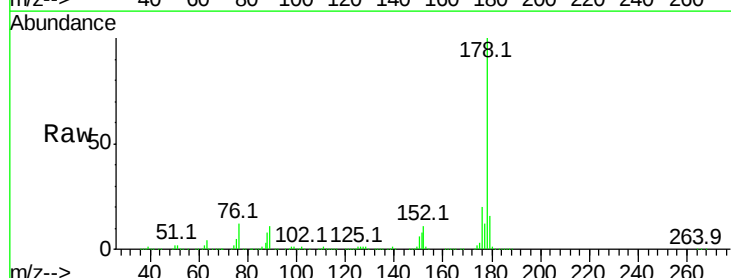


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

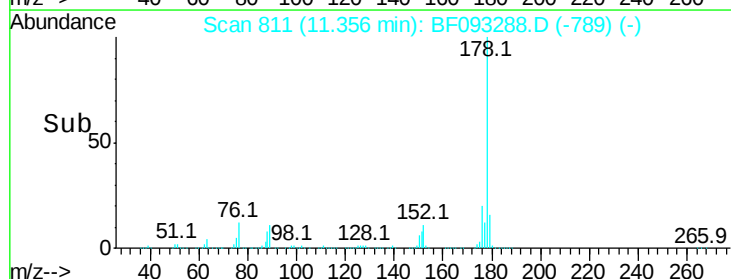
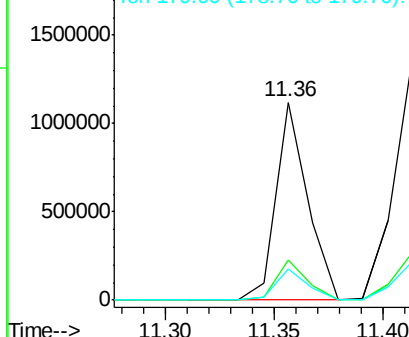


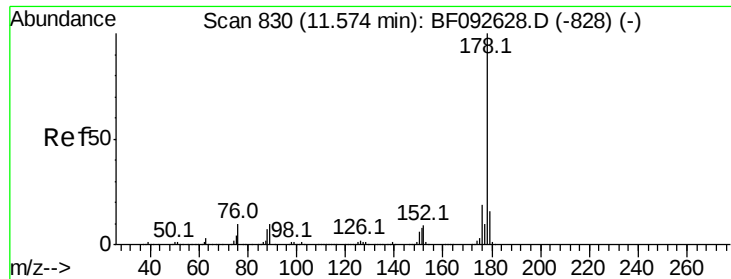
#70
 Phenanthrene
 Concen: 35.23 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.8	12.8	19.2



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





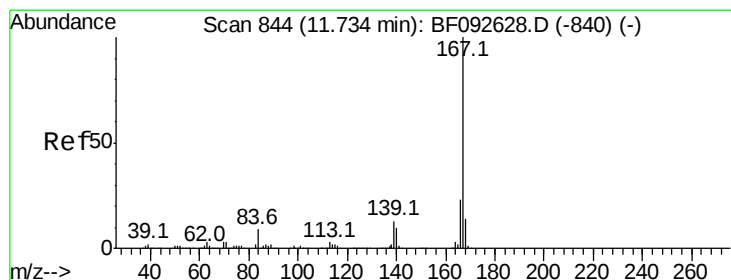
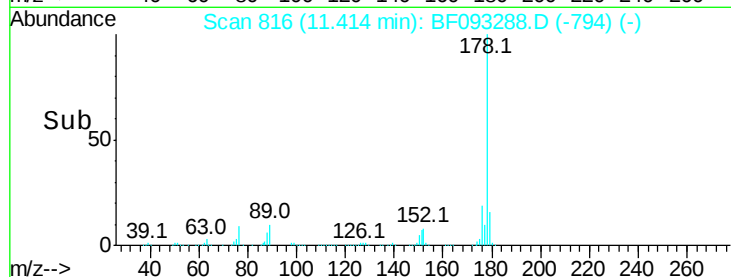
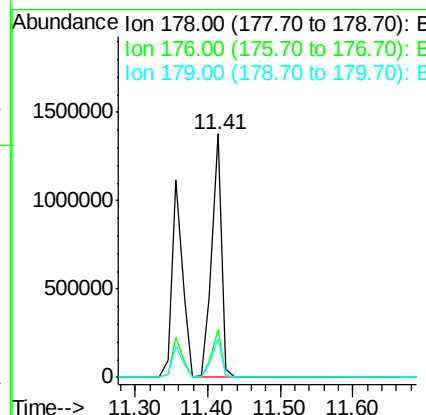
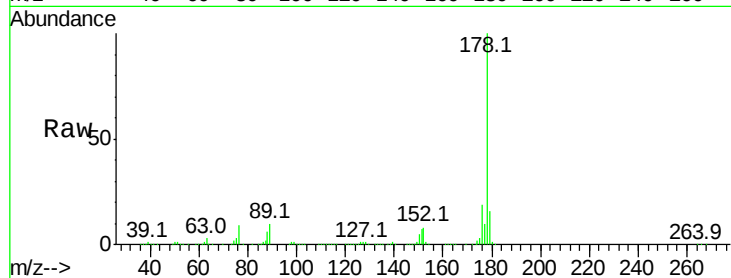
#71
 Anthracene
 Concen: 40.31 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1307067
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.7 13.2 19.8

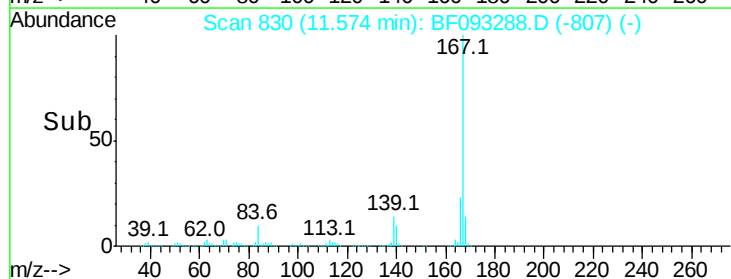
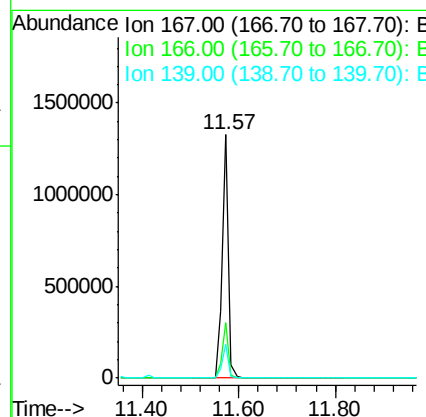
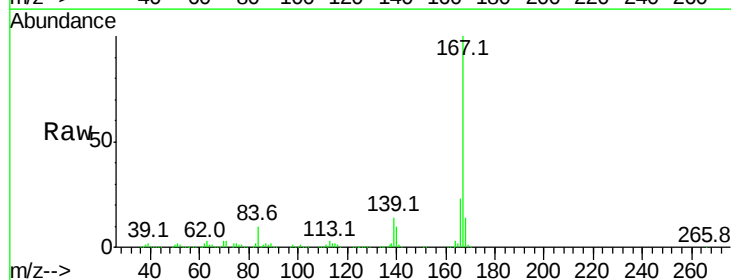
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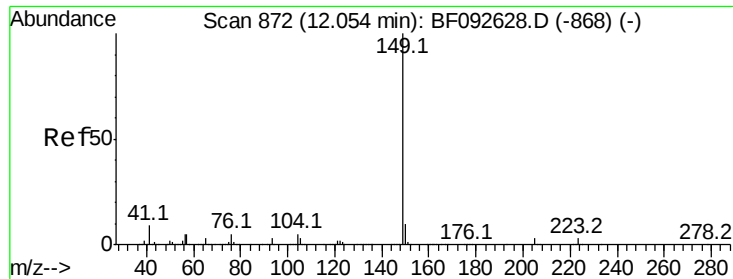
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#72
 Carbazole
 Concen: 39.74 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Tgt Ion:167 Resp: 1231599
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 13.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 39.38 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1320006

Ion Ratio Lower Upper

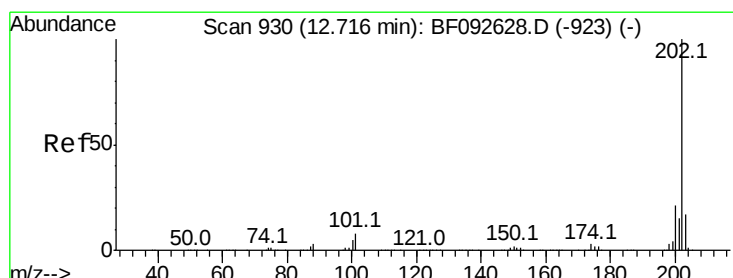
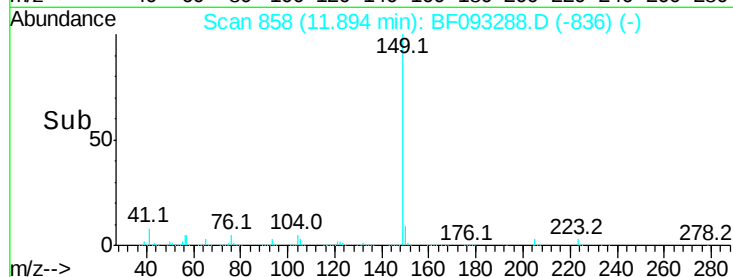
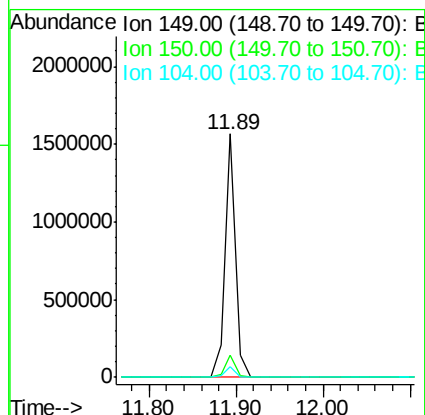
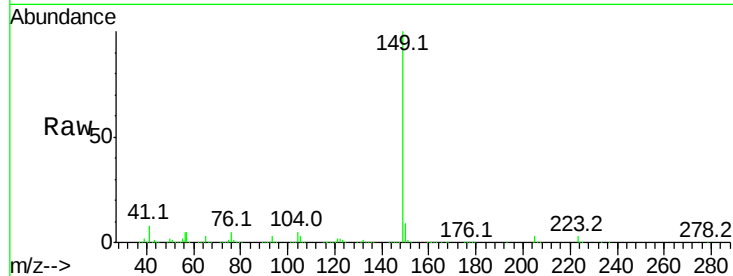
149 100

150 9.3 8.1 12.1

104 4.5 4.6 7.0#

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#74

Fluoranthene

Concen: 36.09 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

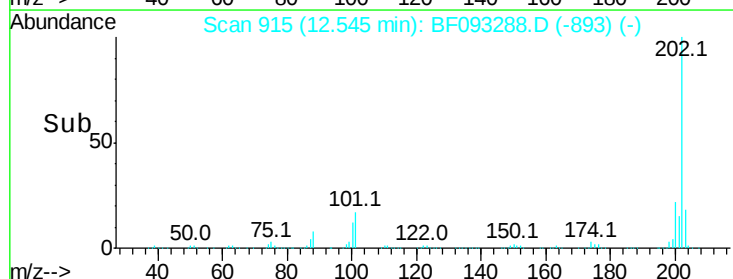
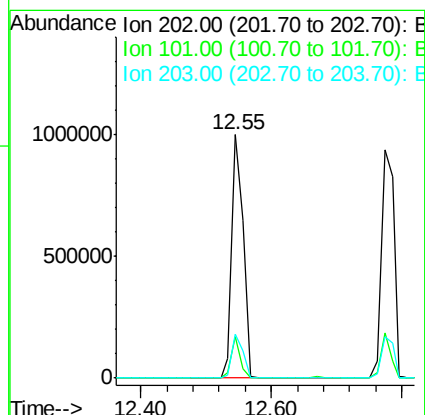
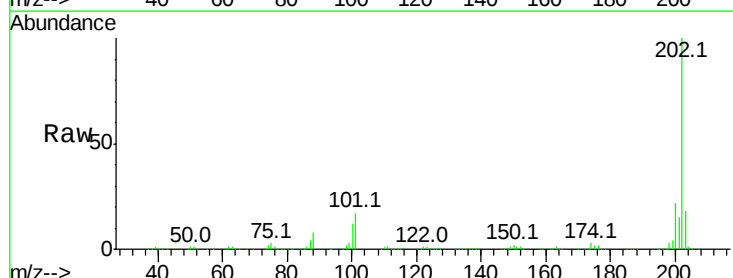
Tgt Ion:202 Resp: 1201972

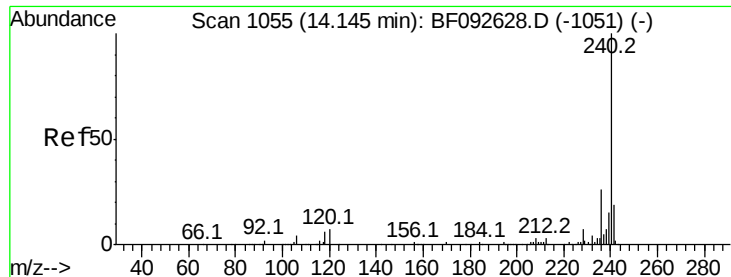
Ion Ratio Lower Upper

202 100

101 16.8 0.0 34.6

203 18.0 0.0 38.7





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Instrument :

BNA_F

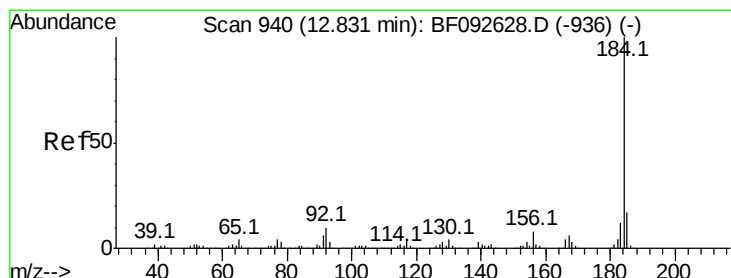
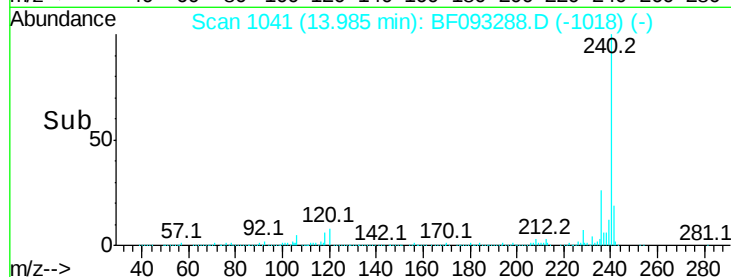
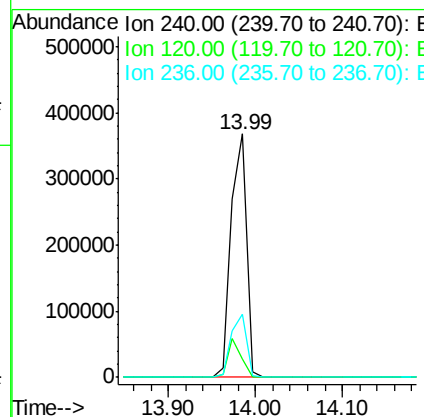
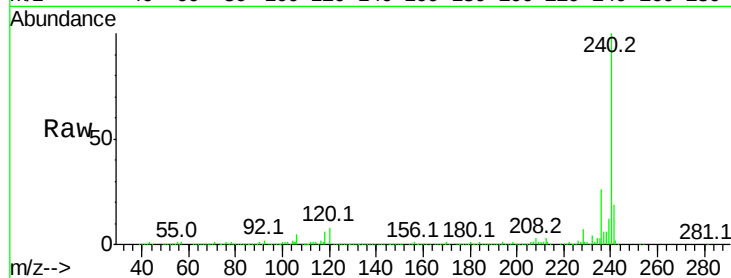
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.6	12.9	19.3#
236	26.2	20.9	31.3

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#76

Benzidine

Concen: 37.40 ng

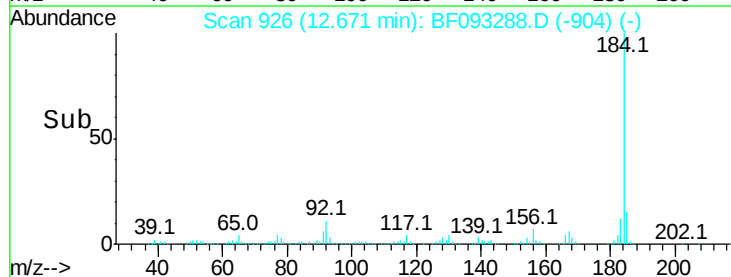
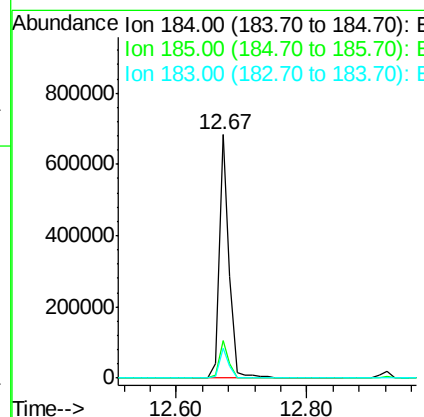
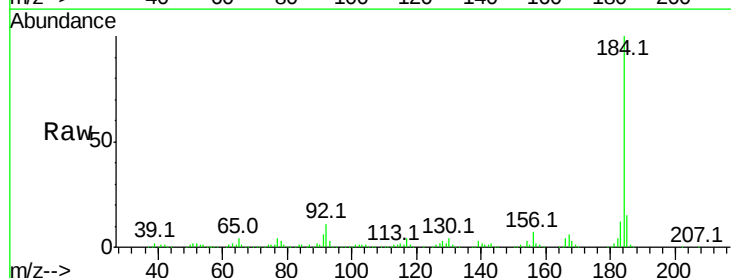
RT: 12.67 min Scan# 926

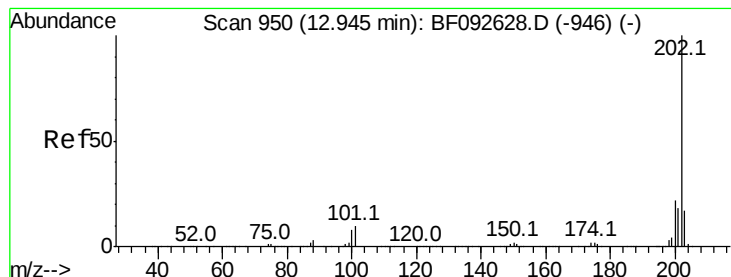
Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.4	20.0
183	12.3	9.2	13.8





#77

Pvrene

Concen: 37.37 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1273625

Ion Ratio Lower Upper

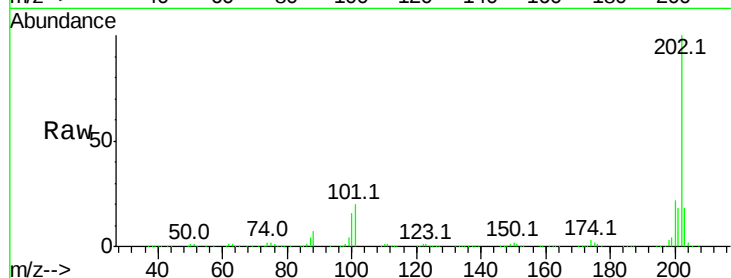
202 100

200 22.0 17.7 26.5

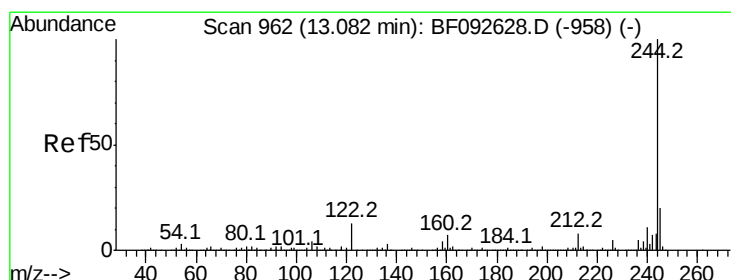
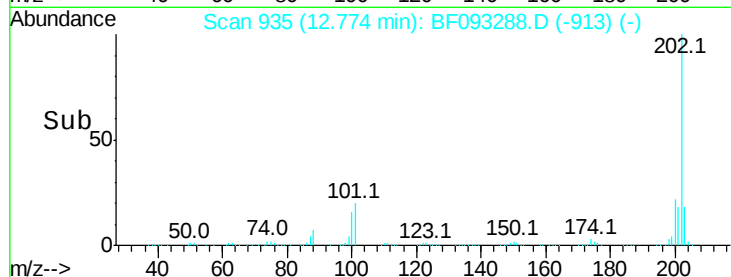
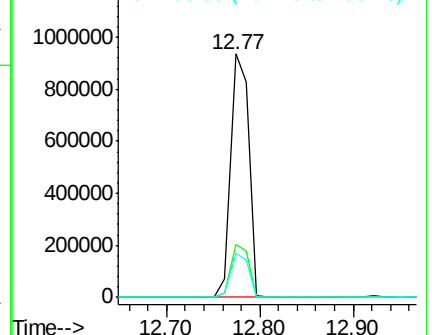
203 18.1 14.7 22.1

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



#78

Terphenyl-d14

Concen: 76.85 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

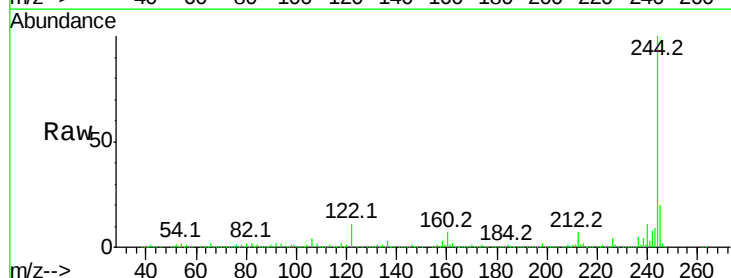
Tgt Ion:244 Resp: 1489608

Ion Ratio Lower Upper

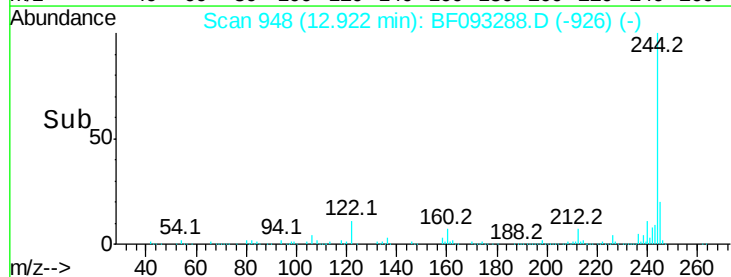
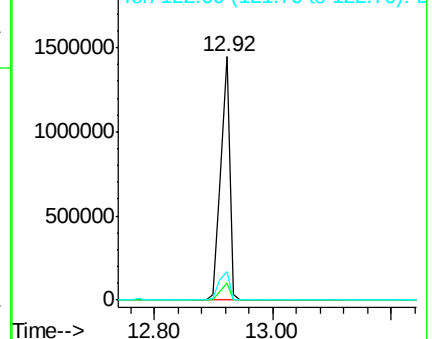
244 100

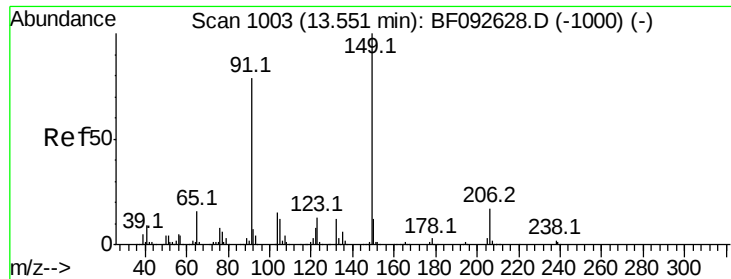
212 7.2 6.2 9.2

122 11.5 11.4 17.2



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





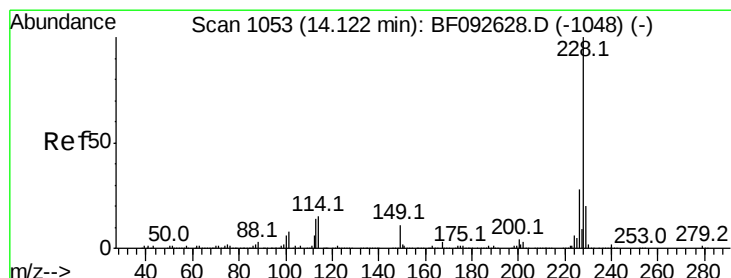
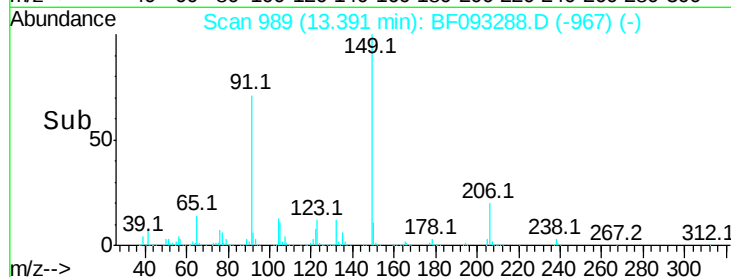
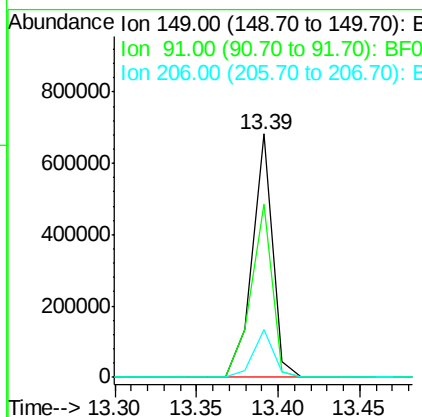
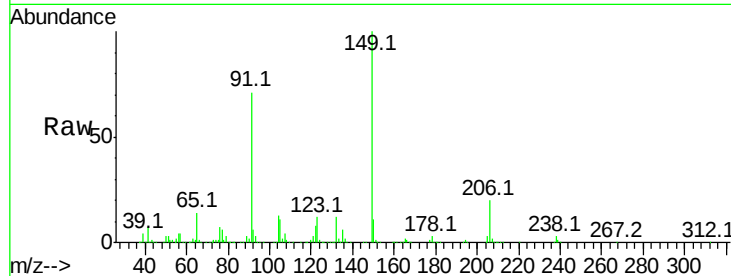
#79
Butylbenzylphthalate
Concen: 42.94 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.0	63.9	95.9
206	19.7	14.6	21.8

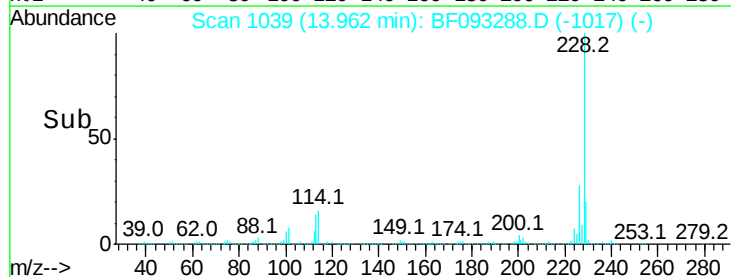
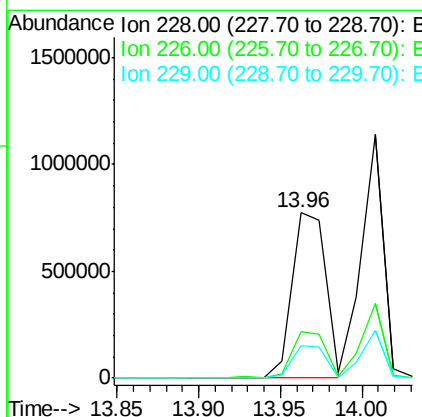
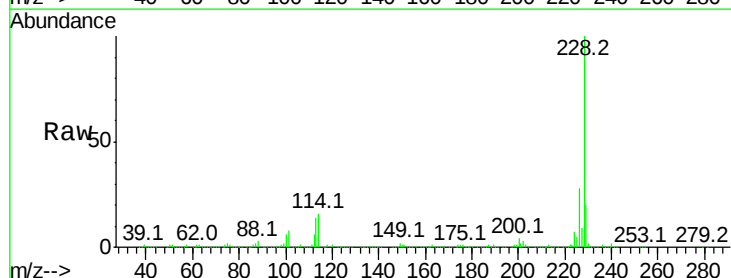
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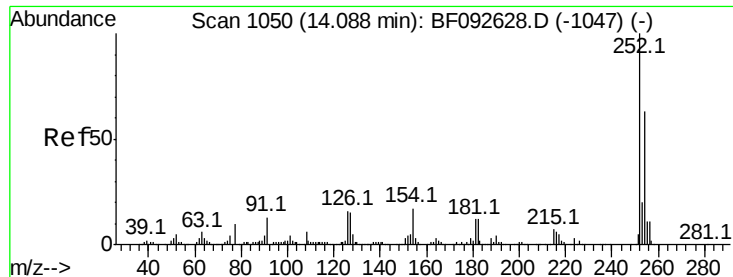
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#80
Benzo(a)anthracene
Concen: 39.82 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	19.9	16.2	24.4





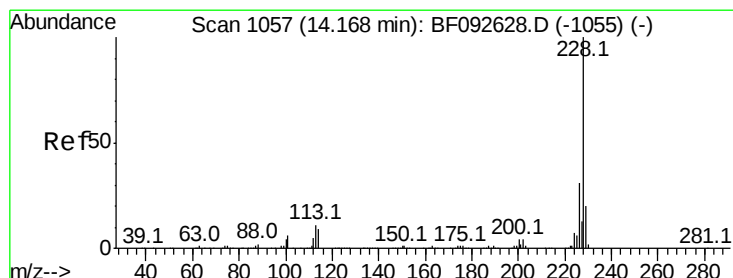
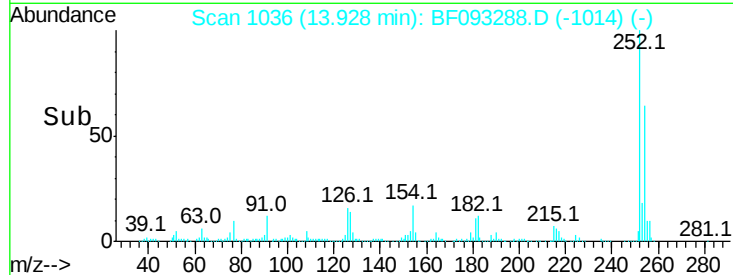
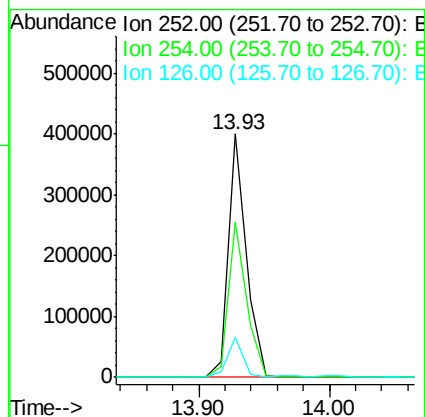
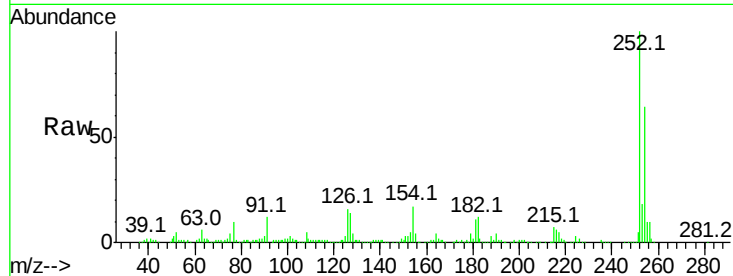
#81
 3,3'-Dichlorobenzidine
 Concen: 38.67 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.3	78.5
126	16.3	13.6	20.4

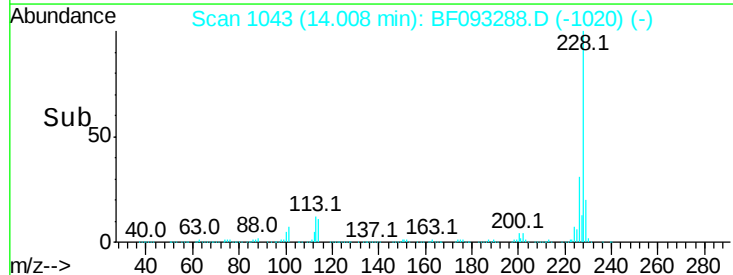
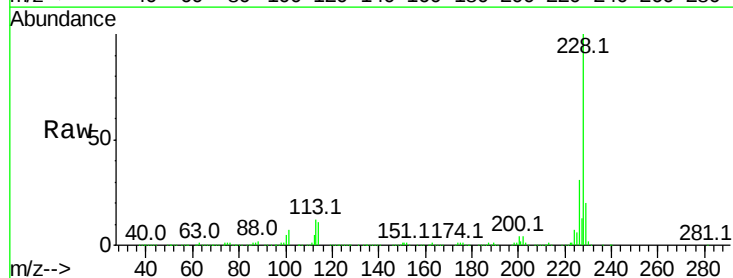
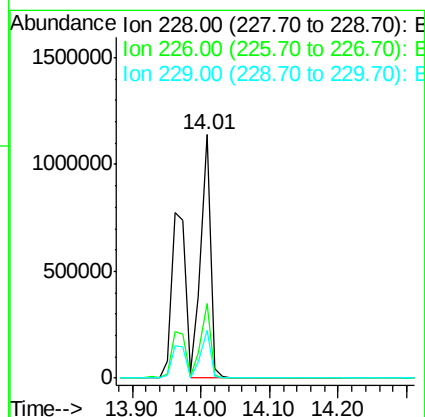
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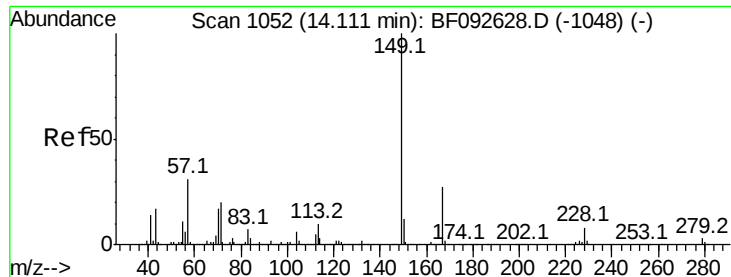
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#82
 Chrysene
 Concen: 41.58 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	19.8	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.98 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF093288.D

Acq: 1 Mar 2017 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 832452
Ion Ratio Lower Upper

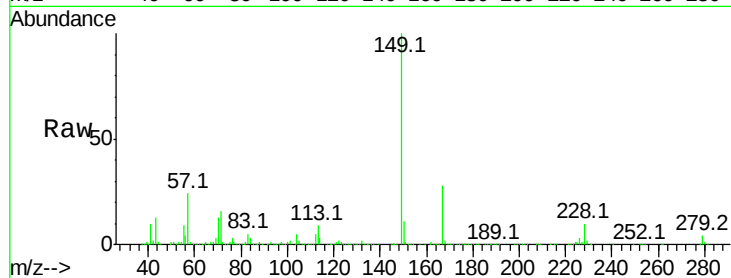
149 100

167 28.2 20.2 30.4

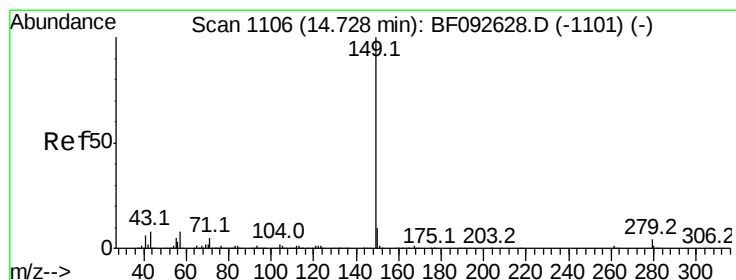
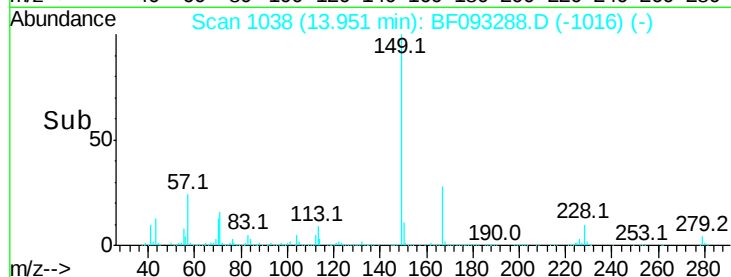
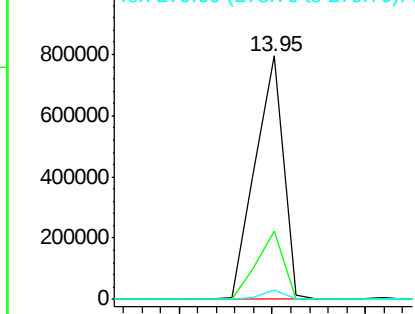
279 3.8 1.8 2.8#

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



#84

Di-n-octyl phthalate

Concen: 43.27 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.05 min

Lab File: BF093288.D

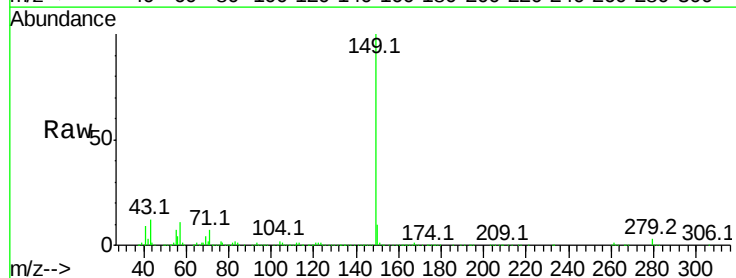
Acq: 1 Mar 2017 14:27

Tgt Ion:149 Resp: 1333519
Ion Ratio Lower Upper

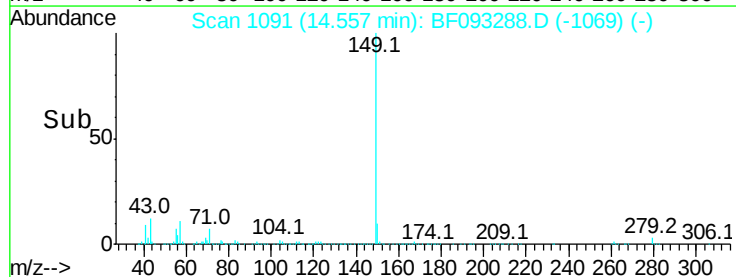
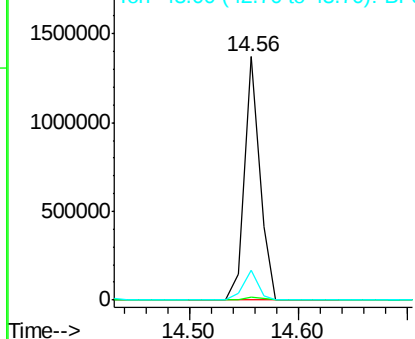
149 100

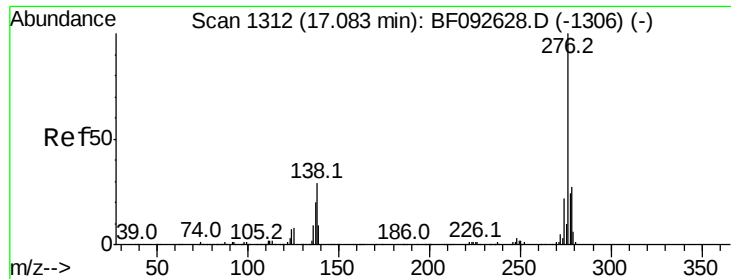
167 1.6 1.3 1.9

43 11.8 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





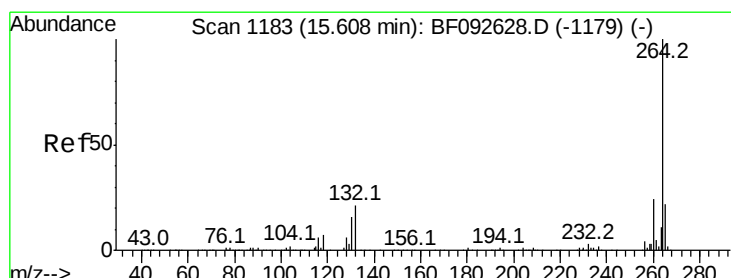
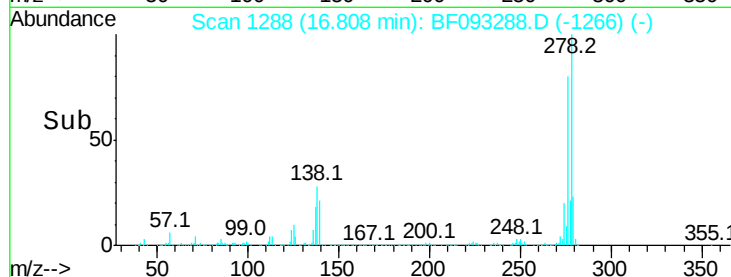
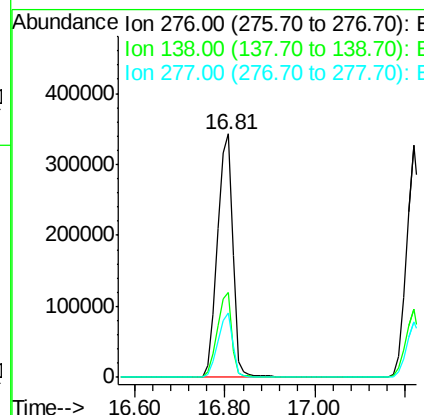
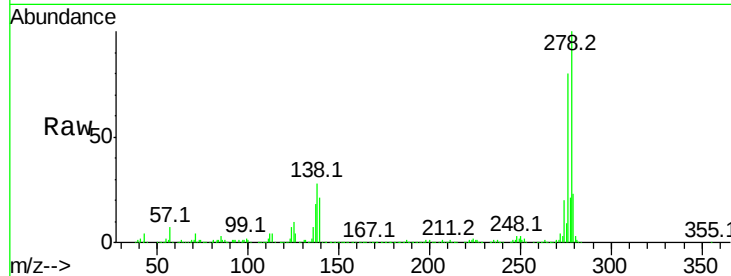
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.77 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	21.8	32.6#
277	25.5	20.2	30.4

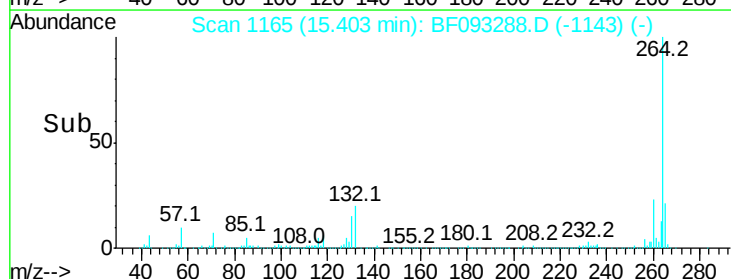
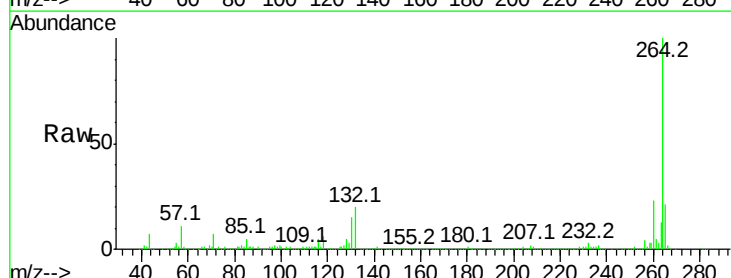
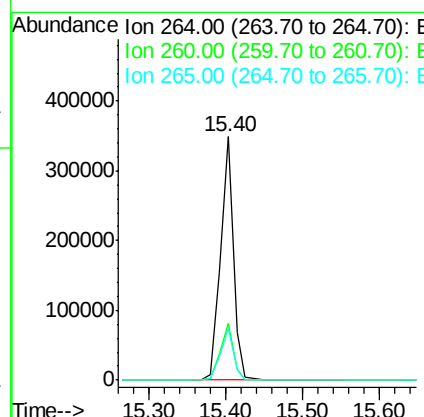
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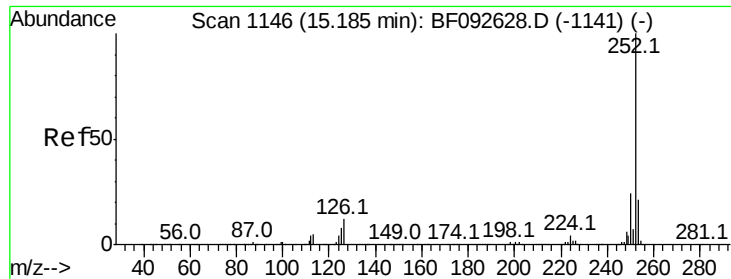
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.4	26.0





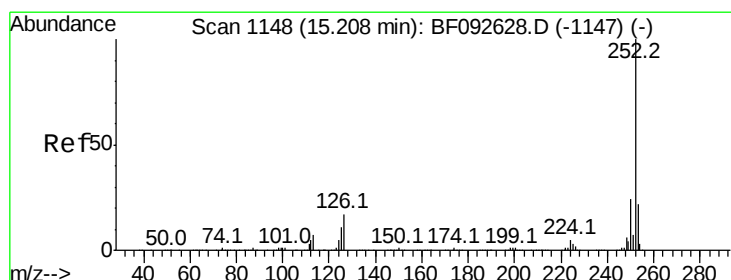
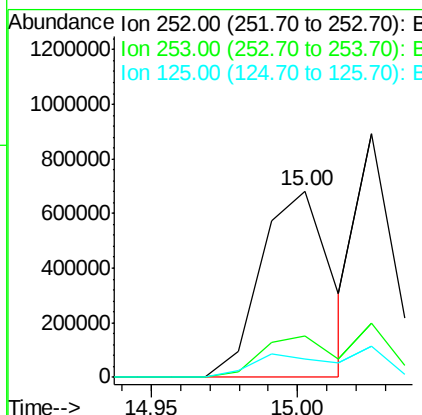
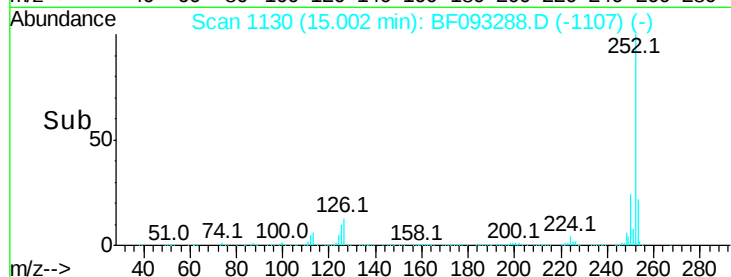
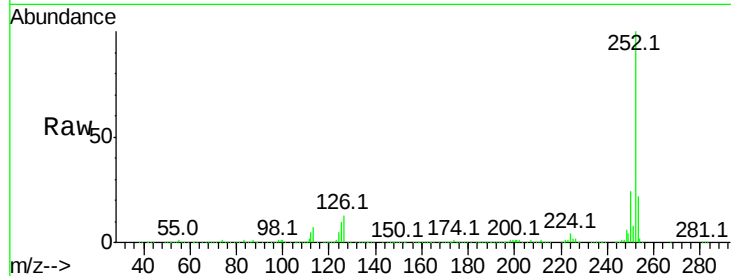
#87
Benzo(b)fluoranthene
Concen: 42.43 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.1	9.8	14.6

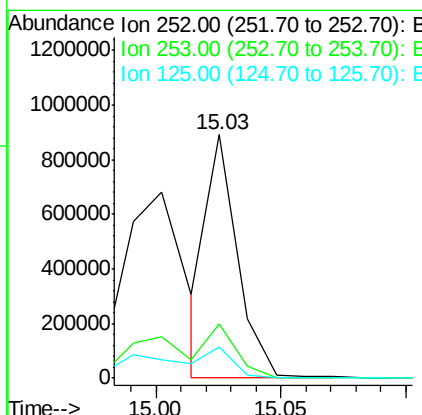
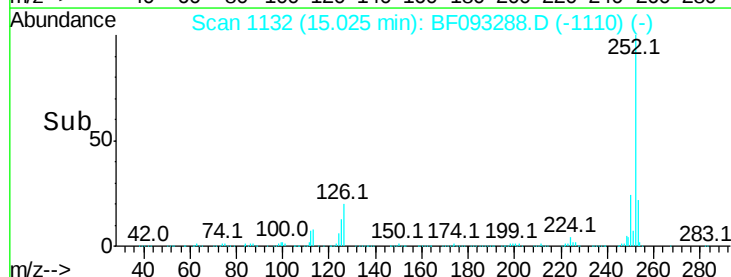
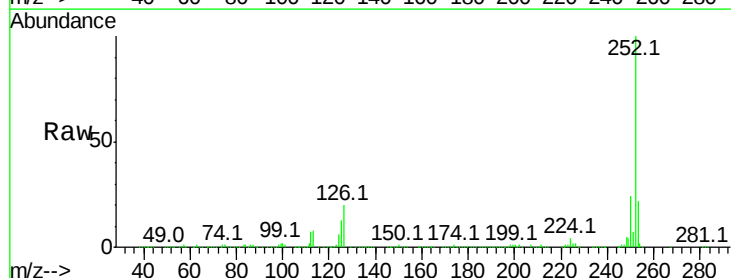
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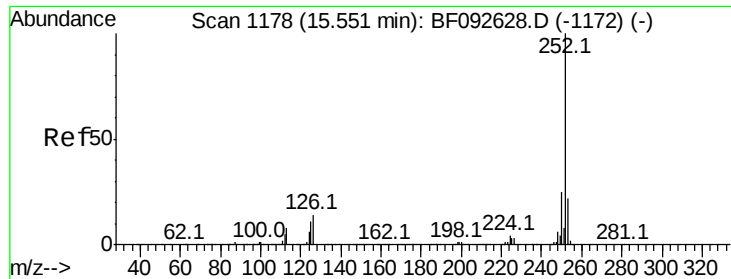
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#88
Benzo(k)fluoranthene
Concen: 33.58 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	13.0	8.9	13.3





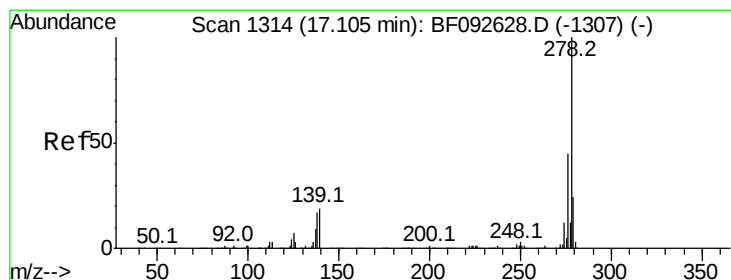
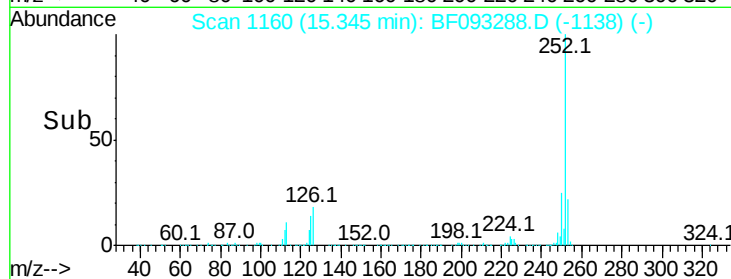
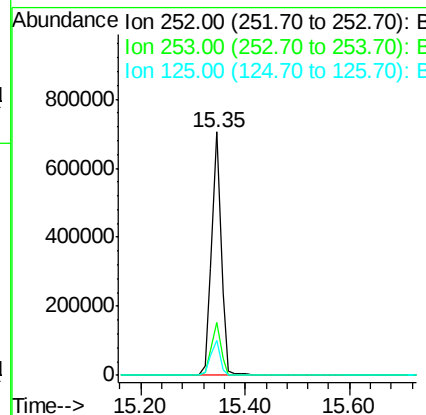
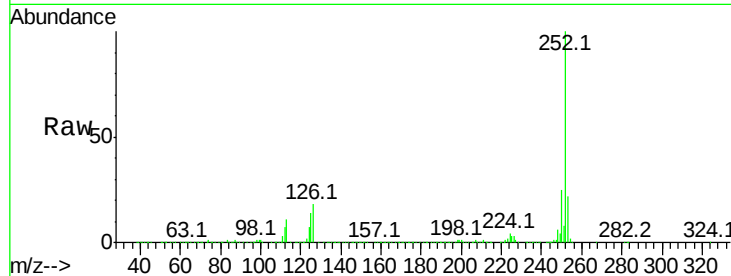
#89
Benzo(a)pyrene
Concen: 38.76 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	14.3	10.0	15.0

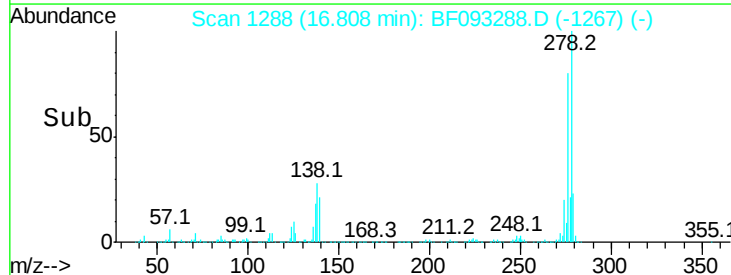
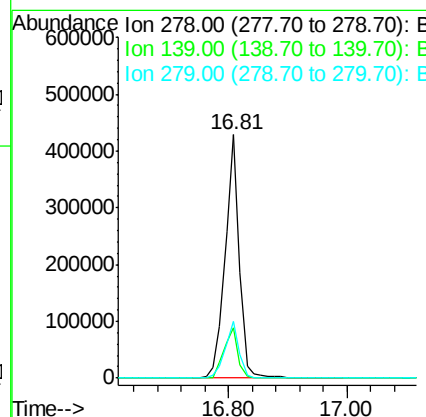
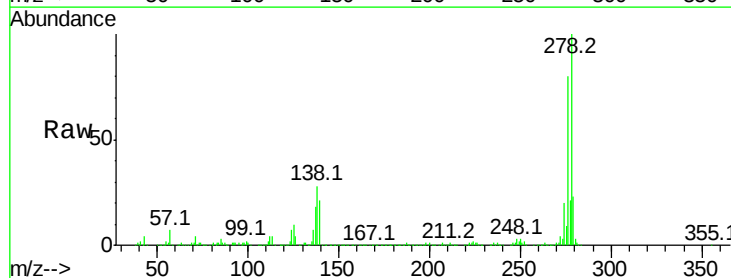
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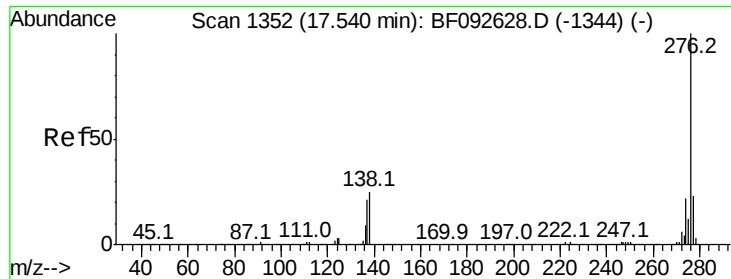
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 37.76 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.06 min
Lab File: BF093288.D
Acq: 1 Mar 2017 14:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.8	22.2
279	23.2	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 37.46 ng
 RT: 17.22 min Scan# 1324
 Delta R.T. -0.07 min
 Lab File: BF093288.D
 Acq: 1 Mar 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.0	19.2	28.8
138	29.7	16.0	24.0

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