

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093110.D
 Acq On : 23 Feb 2017 17:57
 Operator : SJ/MA
 Sample : I1952-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

Manual Integrations
 APPROVED

mohammad
 2/24/2017 2:11:07 PM

Quant Time: Feb 24 00:12:59 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	6.84	152	154990	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	624833	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	298532	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	539143	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	429178	20.00	ng	-0.02
86) Perylene-d12	15.43	264	366350	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1220982	135.15	ng	0.00
7) Phenol-d6	6.49	99	1477527	127.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	893653	79.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	285014	132.00	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1681652	102.05	ng	-0.01
78) Terphenyl-d14	12.95	244	1320545	72.30	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	180697	37.02	ng	# 85
3) Pyridine	3.17	79	491556	39.60	ng	87
4) n-Nitrosodimethylamine	3.14	42	233667	40.09	ng	89
6) Aniline	6.50	93	445464	28.09	ng	# 64
8) 2-Chlorophenol	6.62	128	431743	43.32	ng	94
9) Benzaldehyde	6.38	77	201438	24.19	ng	95
10) Phenol	6.50	94	664194	48.84	ng	88
11) bis(2-Chloroethyl)ether	6.58	93	425598	39.21	ng	92
12) 1,3-Dichlorobenzene	6.78	146	477402	40.90	ng	96
13) 1,4-Dichlorobenzene	6.85	146	474249	40.14	ng	100
14) 1,2-Dichlorobenzene	7.01	146	471363	41.72	ng	97
15) Benzyl Alcohol	6.99	79	352420	40.95	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	778839	41.30	ng	94
17) 2-Methylphenol	7.10	107	353564	41.35	ng	98
18) Hexachloroethane	7.36	117	166524	41.29	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	303475	41.01	ng	98
20) 3+4-Methylphenols	7.26	107	422472	41.33	ng	97
22) Acetophenone	7.25	105	580613	40.70	ng	# 96
24) Nitrobenzene	7.44	77	506157	43.93	ng	# 87
25) Isophorone	7.68	82	888241	42.48	ng	99
26) 2-Nitrophenol	7.74	139	230610	42.11	ng	93
27) 2,4-Dimethylphenol	7.79	122	401852	41.78	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	546909	39.50	ng	98
29) 2,4-Dichlorophenol	8.00	162	381238	42.50	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	395368	40.90	ng	99
31) Naphthalene	8.16	128	1243162	39.25	ng	98
32) Benzoic acid	7.93	122	3000m	7.63	ng	
33) 4-Chloroaniline	8.20	127	269105	21.66	ng	97
34) Hexachlorobutadiene	8.27	225	209792	39.44	ng	98
35) Caprolactam	8.58	113	122032m	43.25	ng	
36) 4-Chloro-3-methylphenol	8.69	107	381818	40.83	ng	99
37) 2-Methylnaphthalene	8.84	142	853653	41.98	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	354933	42.35	ng	99
40) Hexachlorocyclopentadiene	8.99	237	290158	76.74	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	255254	46.36	nq	96
43) 2,4,5-Trichlorophenol	9.16	196	257052	42.61	nq	96
45) 1,1'-Biphenyl	9.30	154	951802	44.03	nq	95
46) 2-Chloronaphthalene	9.33	162	820909	48.54	nq	95
47) 2-Nitroaniline	9.42	65	255815	44.99	nq	91
48) Acenaphthylene	9.74	152	1261369	43.18	nq	99
49) Dimethylphthalate	9.61	163	1061247	52.78	nq	99
50) 2,6-Dinitrotoluene	9.68	165	224757	51.76	nq	93
51) Acenaphthene	9.92	154	746532	42.74	nq	96
52) 3-Nitroaniline	9.84	138	155608	31.31	nq	95
53) 2,4-Dinitrophenol	9.95	184	129536	59.90	nq #	61
54) Dibenzofuran	10.09	168	1094456	46.85	nq	94
55) 4-Nitrophenol	10.02	139	333634	93.21	nq	88
56) 2,4-Dinitrotoluene	10.08	165	236179	40.85	nq #	92
57) Fluorene	10.43	166	844320	46.98	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	200227	49.75	nq	97
59) Diethylphthalate	10.30	149	852447	44.98	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	370124	42.87	nq	88
61) 4-Nitroaniline	10.45	138	219798	43.18	nq	94
62) Azobenzene	10.58	77	1001004	51.13	nq	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	147394	45.09	nq #	74
65) n-Nitrosodiphenylamine	10.54	169	755160	43.85	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	235714	41.85	nq #	87
67) Hexachlorobenzene	10.98	284	230799	41.46	nq #	91
68) Atrazine	11.07	200	232014	41.98	nq	98
69) Pentachlorophenol	11.17	266	228073	79.43	nq	97
70) Phenanthrene	11.39	178	1279008	41.41	nq	98
71) Anthracene	11.44	178	1164469	37.54	nq	99
72) Carbazole	11.60	167	1113839	37.56	nq	99
73) Di-n-butylphthalate	11.93	149	1457684	45.46	nq #	96
74) Fluoranthene	12.57	202	1221060	38.32	nq	97
76) Benzidine	12.69	184	492090	26.91	nq	97
77) Pyrene	12.80	202	1223980	38.11	nq	99
79) Butylbenzylphthalate	13.41	149	588197	45.10	nq	99
80) Benzo(a)anthracene	13.99	228	1001744	38.16	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	268704	28.72	nq #	97
82) Chrysene	14.03	228	1026599	41.77	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	764582	42.86	nq	99
84) Di-n-octyl phthalate	14.59	149	1394439	48.01	nq	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	750726	39.44	nq #	94
87) Benzo(b)fluoranthene	15.01	252	876859m	36.36	nq	
88) Benzo(k)fluoranthene	15.05	252	935693m	44.94	nq	
89) Benzo(a)pyrene	15.37	252	839974	40.27	nq	99
90) Dibenzo(a,h)anthracene	16.83	278	638296	37.86	nq	97
91) Benzo(g,h,i)perylene	17.24	276	624135	36.65	nq #	93

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

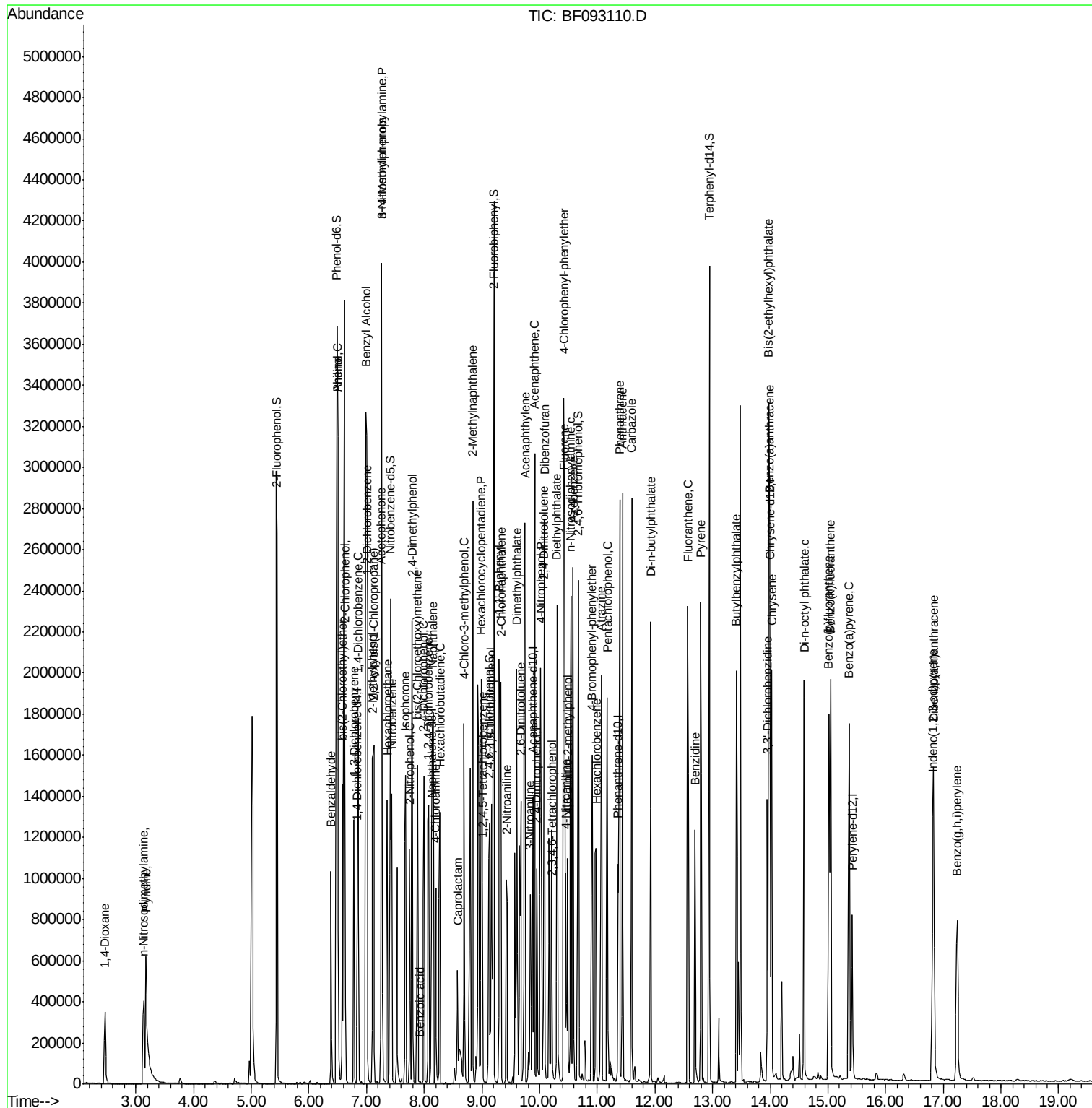
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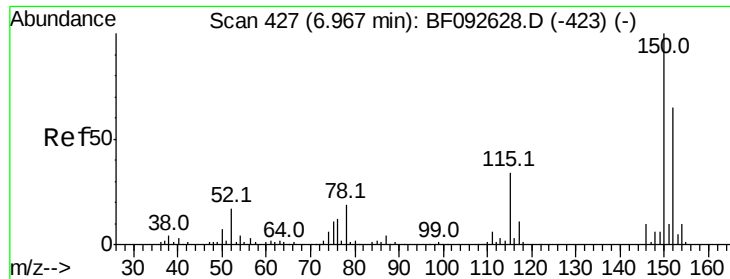
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#1

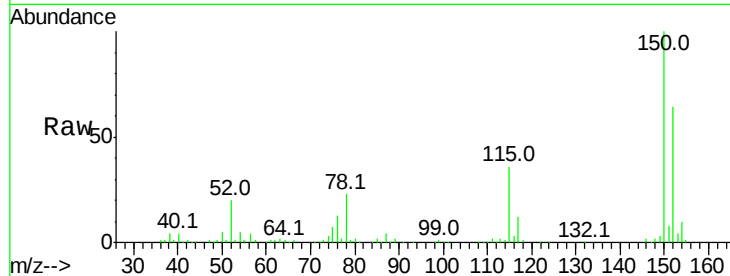
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
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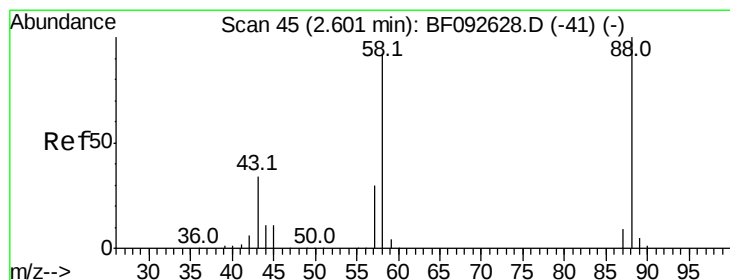
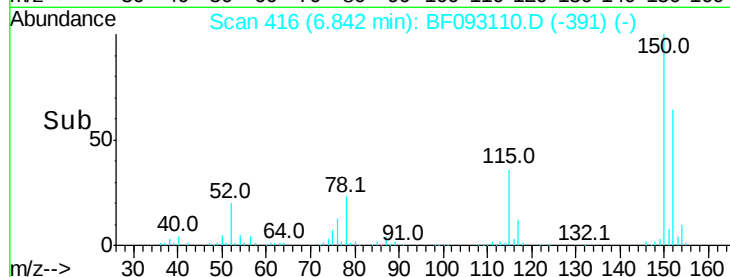
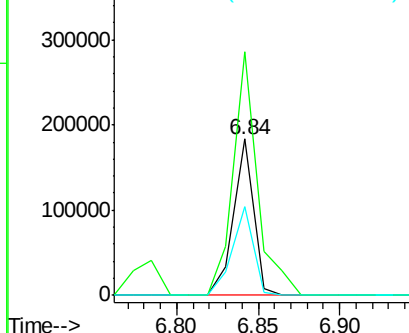
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.9	187.3
115	56.5	46.0	69.0

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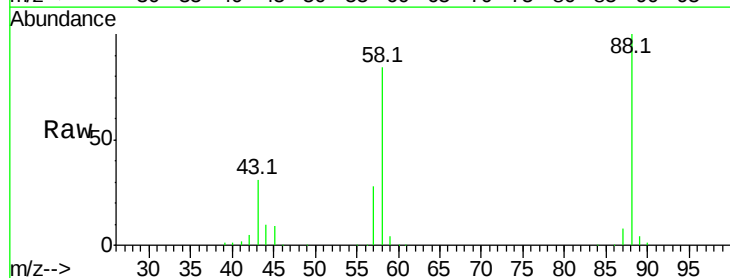
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



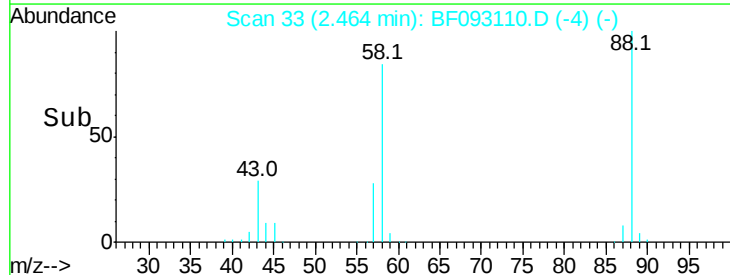
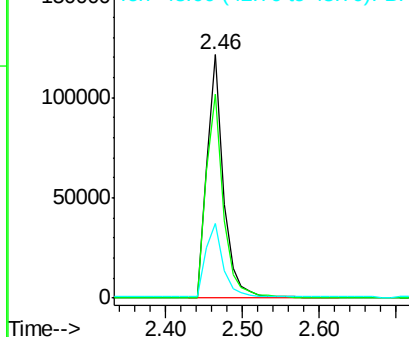
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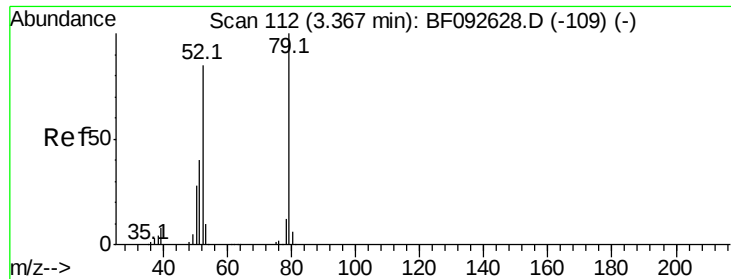
1,4-Dioxane
Concen: 37.02 ng
RT: 2.46 min Scan# 33
Delta R.T. 0.03 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	57.8	86.8#
43	31.2	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: 39.60 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

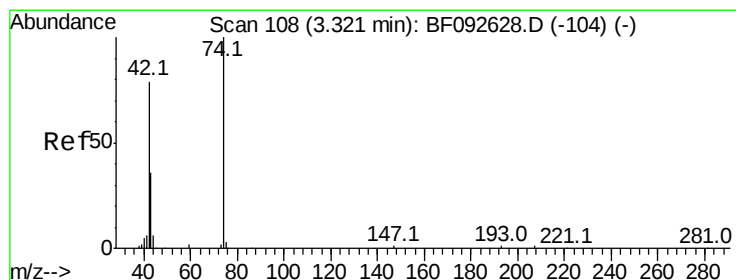
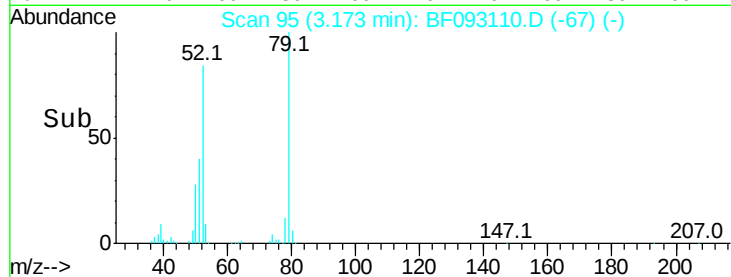
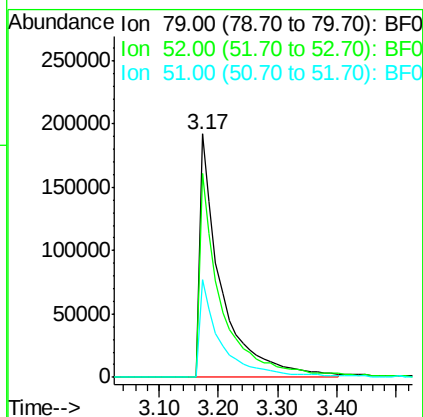
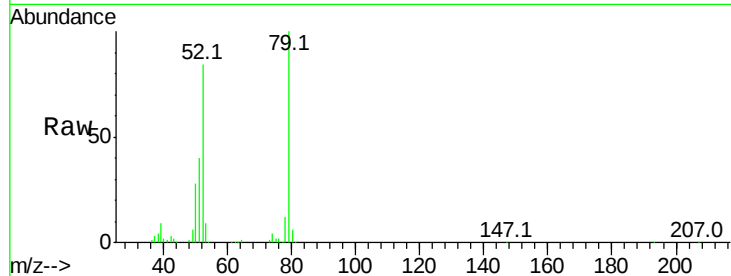
ClientSampleId :

SPARTA-FINE-SANDMS

Tot Ion:	79	Resp:	491556
Ion Ratio	Lower	Upper	
79	100		
52	83.7	57.1	85.7
51	40.0	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 40.09 ng

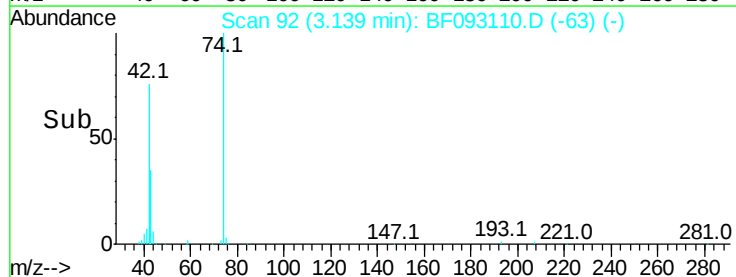
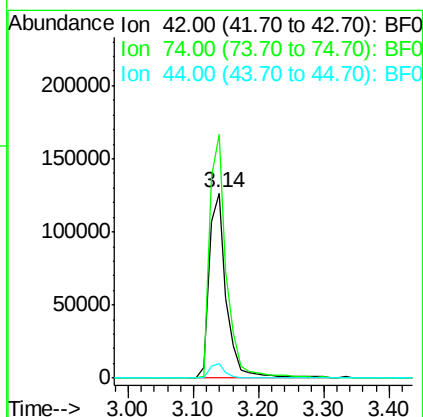
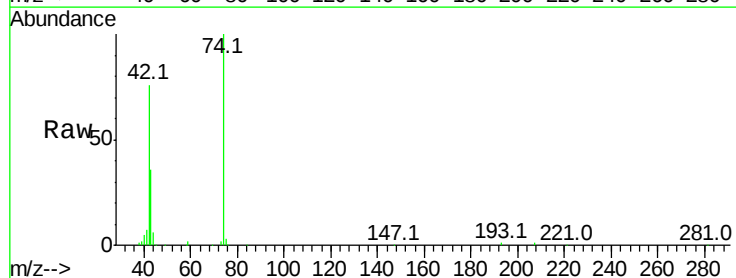
RT: 3.14 min Scan# 92

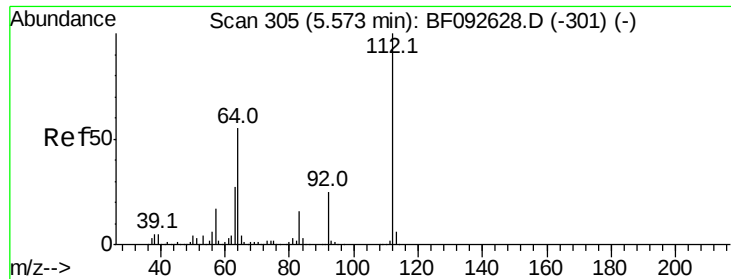
Delta R.T. 0.03 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Tgt Ion:	42	Resp:	233667
Ion Ratio	Lower	Upper	
42	100		
74	131.7	117.0	175.4
44	8.2	5.5	8.3





#5

2-Fluorophenol

Concen: 135.15 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SANDMS

Tot Ion:112 Resp: 1220982

Ion Ratio Lower Upper

112 100

64 52.7 46.1 69.1

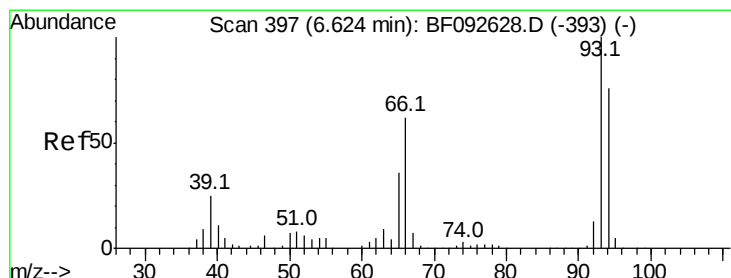
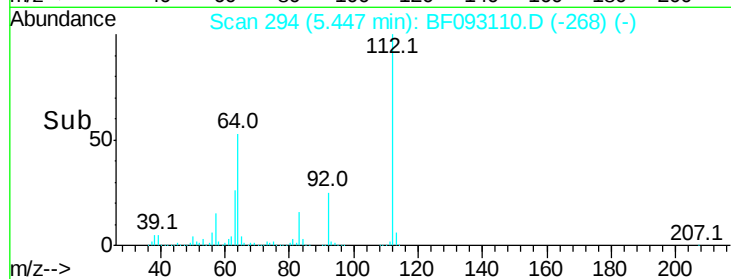
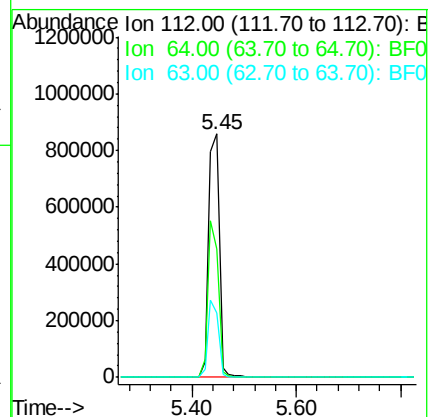
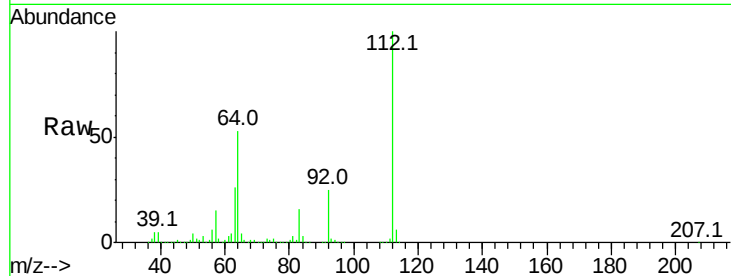
63 26.3 23.8 35.6

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#6

Aniline

Concen: 28.09 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

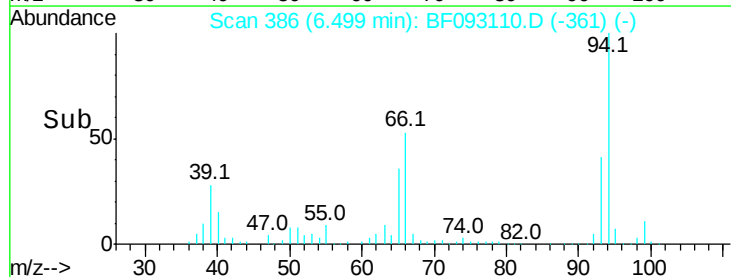
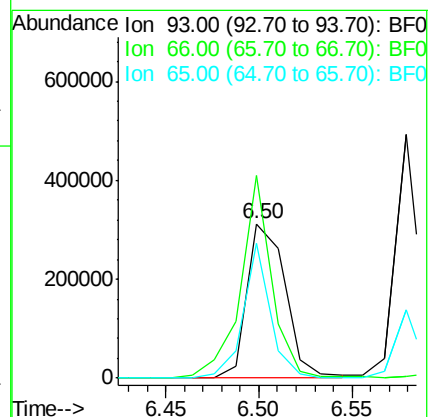
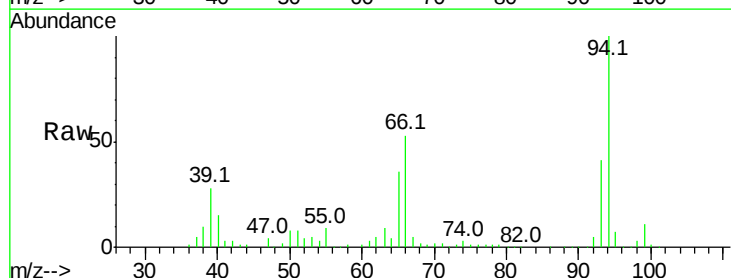
Tgt Ion: 93 Resp: 445464

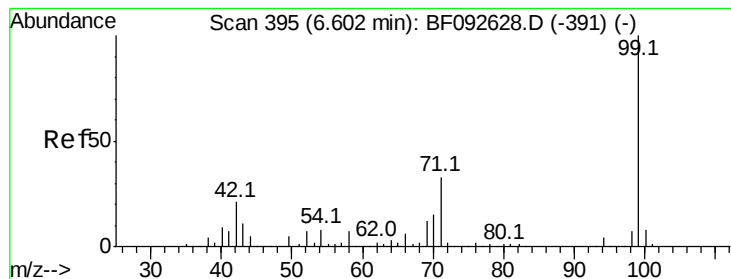
Ion Ratio Lower Upper

93 100

66 131.1 76.2 114.2#

65 87.7 49.3 73.9#





#7

Phenol-d6

Concen: 127.11 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093110.D

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Tot Ion: 99 Resp: 1477527

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

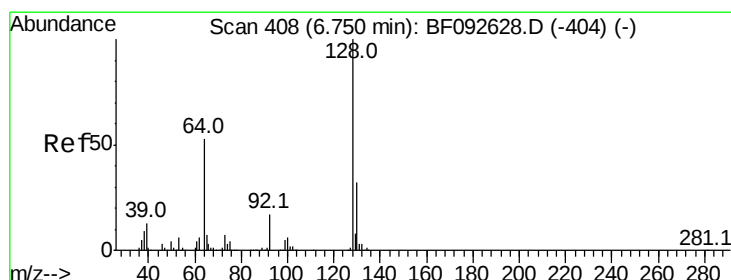
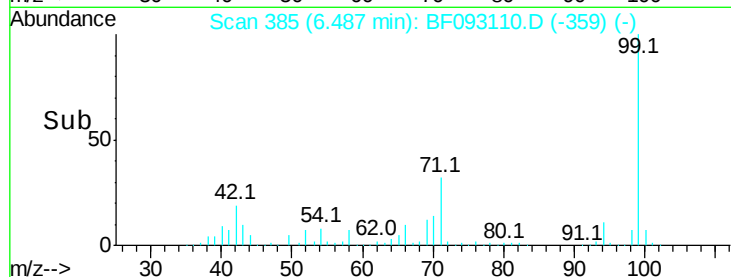
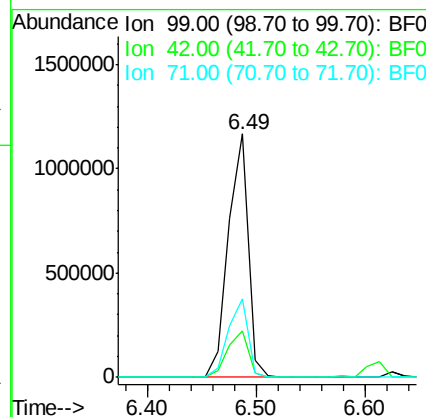
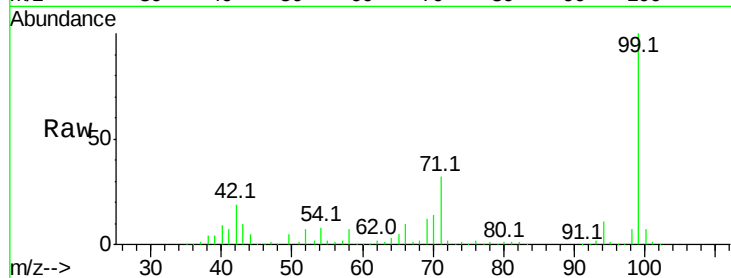
71 32.2 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 43.32 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

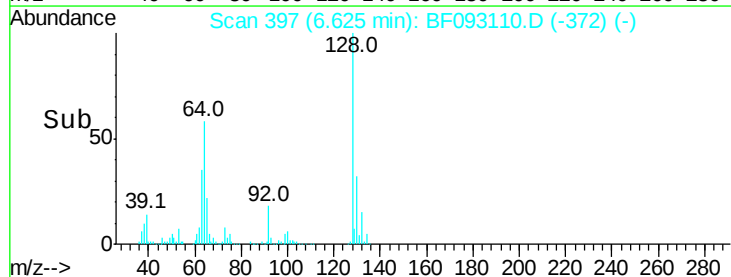
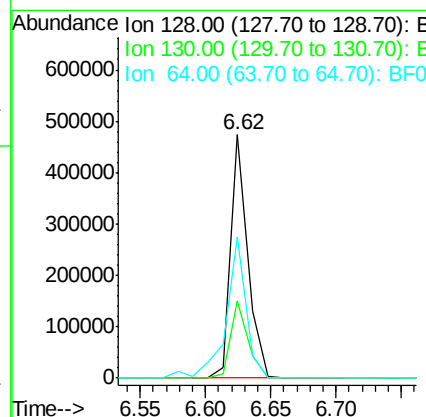
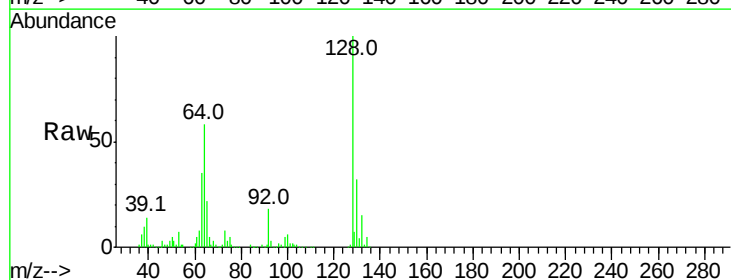
Tgt Ion:128 Resp: 431743

Ion Ratio Lower Upper

128 100

130 31.6 12.3 52.3

64 58.2 32.2 72.2





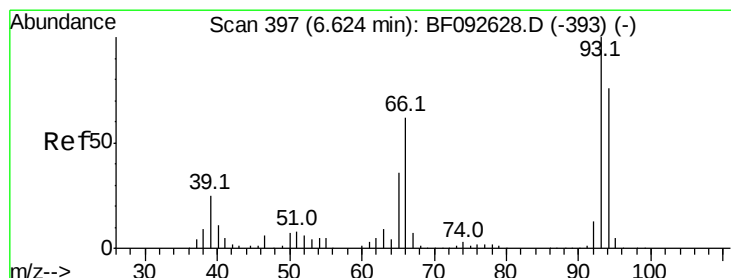
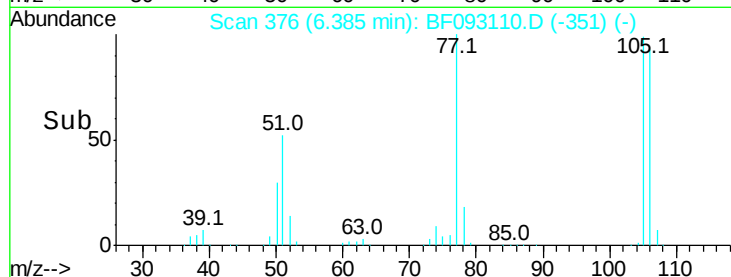
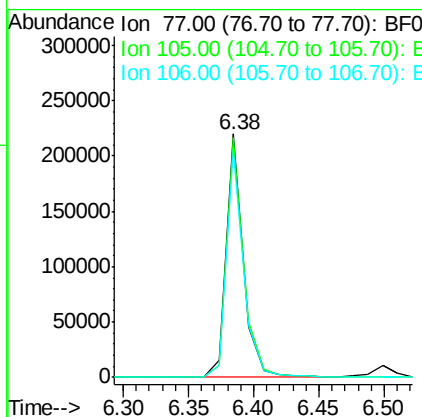
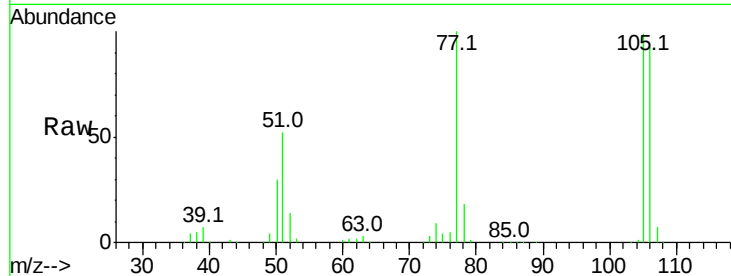
#9
Benzaldehyde
Concen: 24.19 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
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Tot Ion: 77 Resp: 201438
Ion Ratio Lower Upper
77 100
105 98.6 83.9 123.9
106 93.5 77.6 117.6

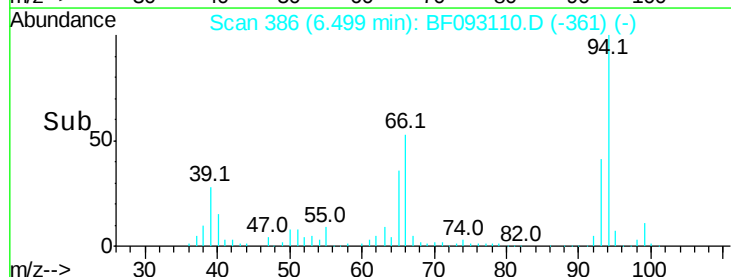
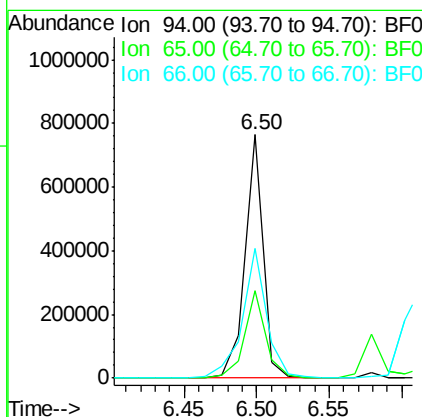
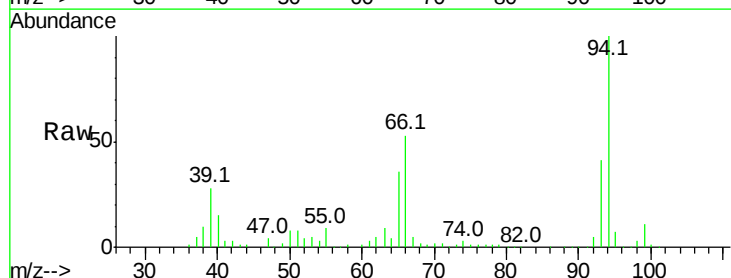
Manual Integrations
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#10
Phenol
Concen: 48.84 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion: 94 Resp: 664194
Ion Ratio Lower Upper
94 100
65 35.8 21.4 61.4
66 53.5 44.0 84.0





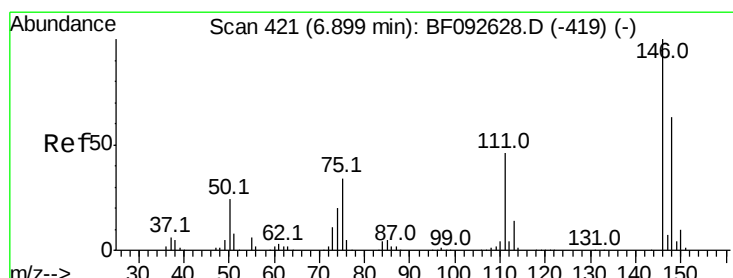
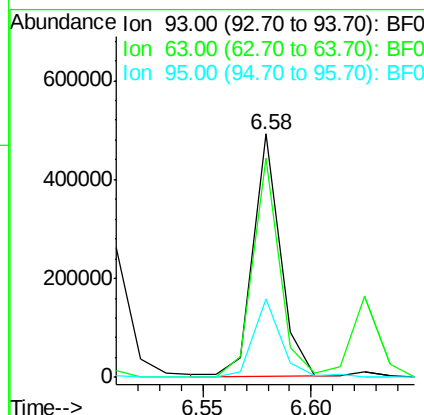
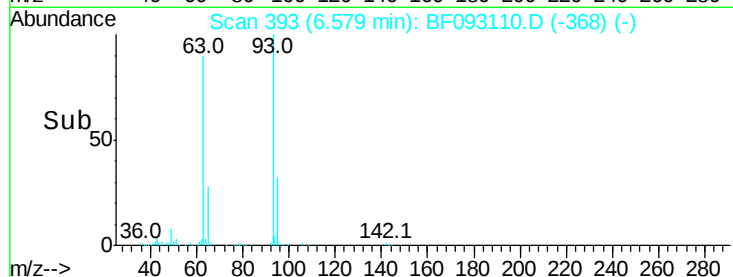
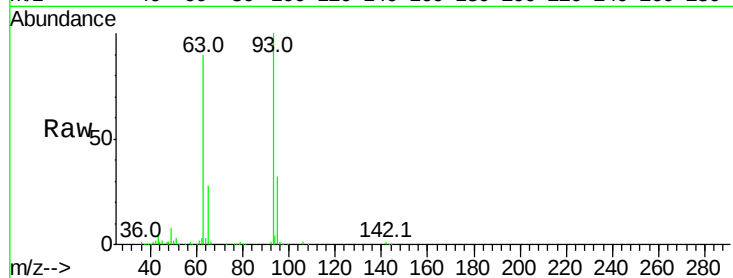
#11
bis(2-Chloroethyl)ether
Concen: 39.21 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.9	60.4	100.4
95	32.1	12.8	52.8

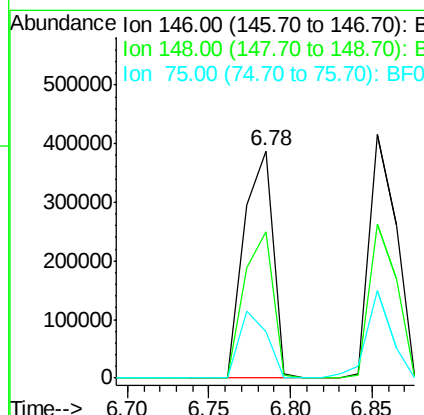
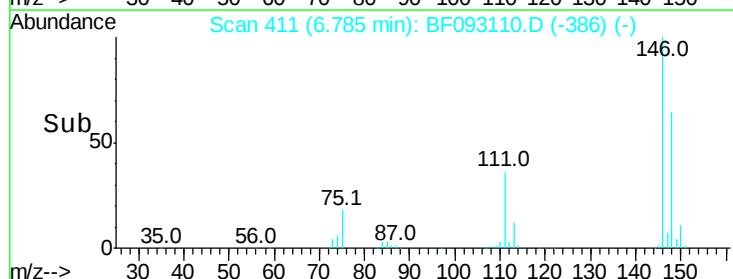
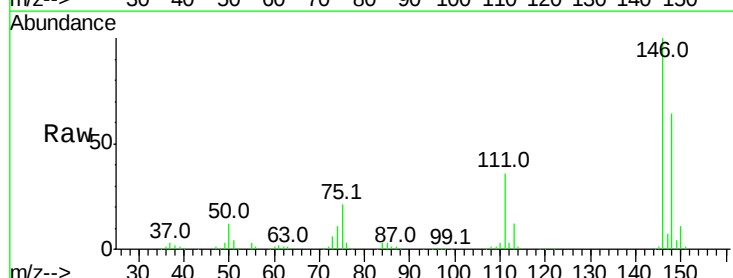
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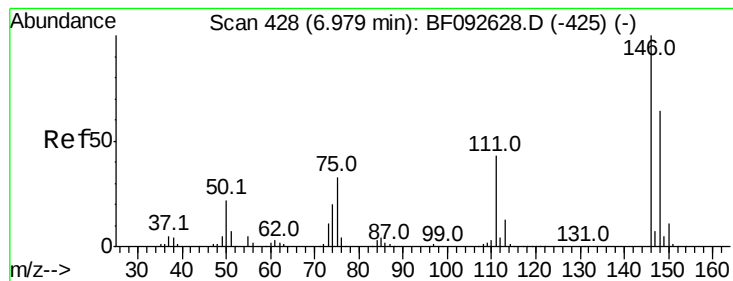
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#12
1,3-Dichlorobenzene
Concen: 40.90 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.4	80.0
75	20.7	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 40.14 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

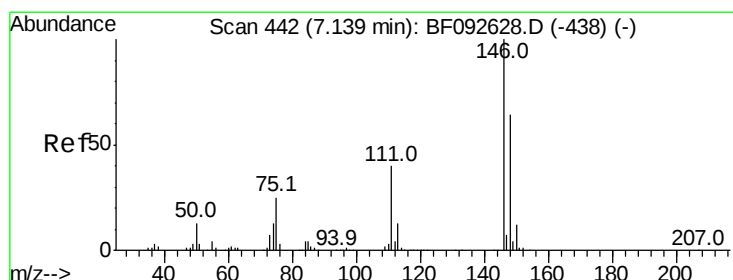
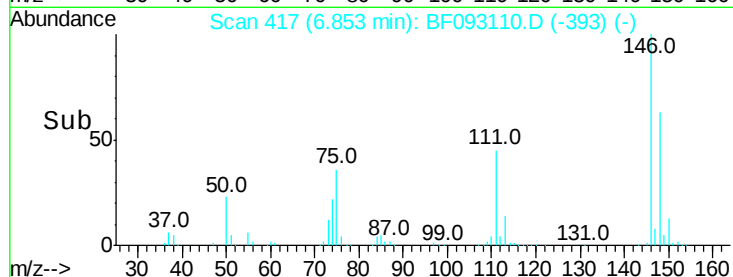
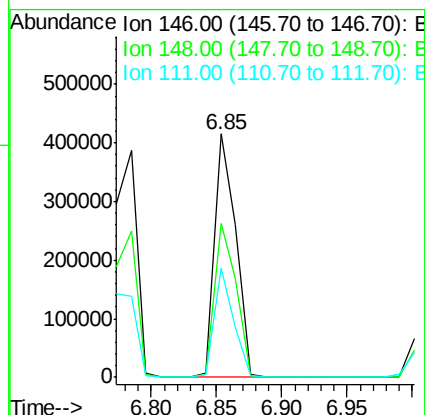
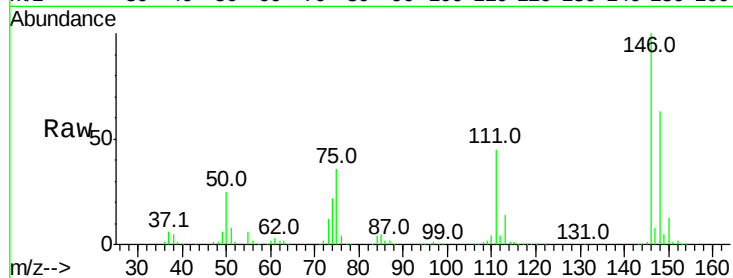
ClientSampleId :

SPARTA-FINE-SANDMS

Tot Ion:	146	Resp:	474249
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	76.0
111	45.0	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 41.72 ng

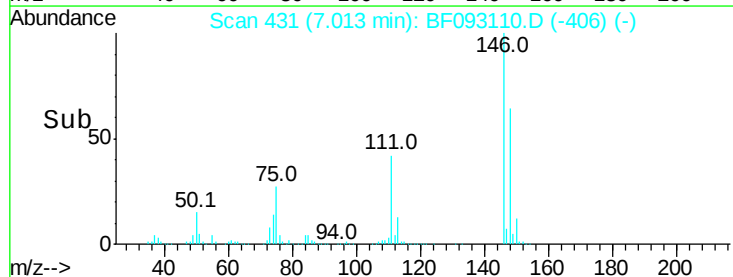
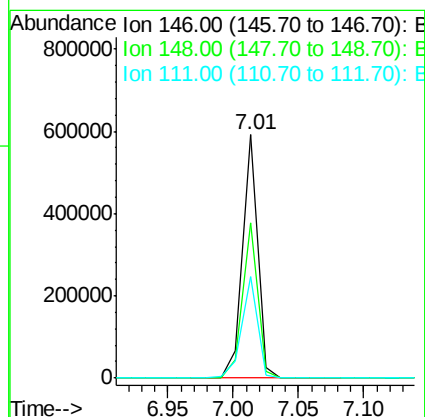
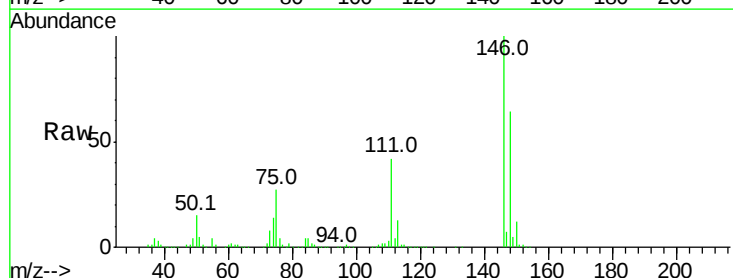
RT: 7.01 min Scan# 431

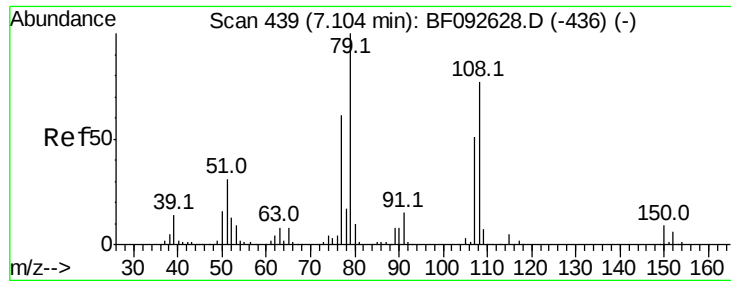
Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Tgt Ion:	146	Resp:	471363
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	41.6	36.2	54.2





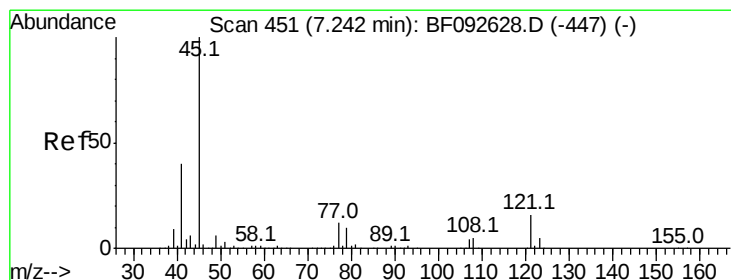
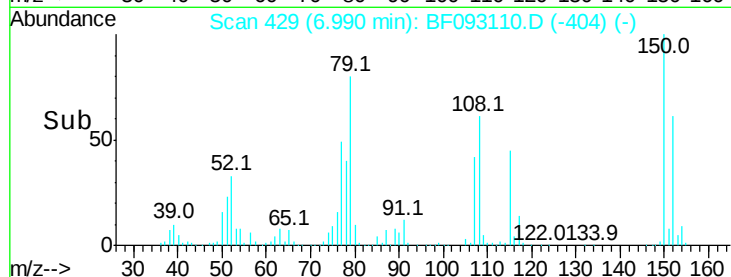
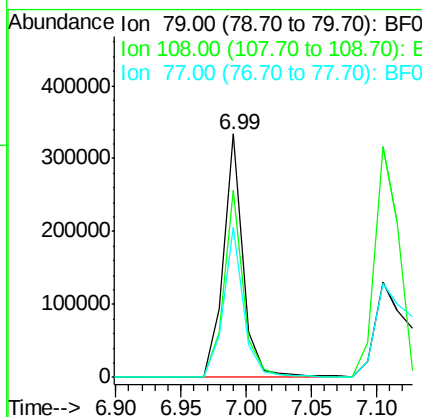
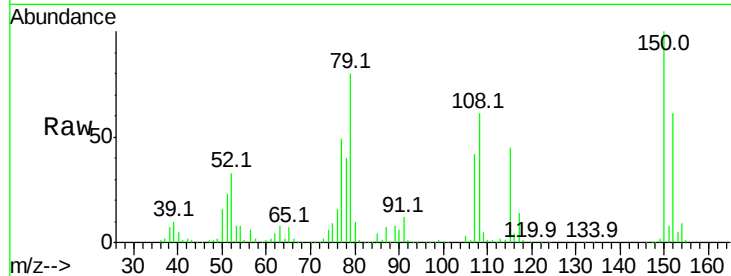
#15
Benzyl Alcohol
Concen: 40.95 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	352420		
108	77.1	61.4	92.0	
77	61.6	50.9	76.3	

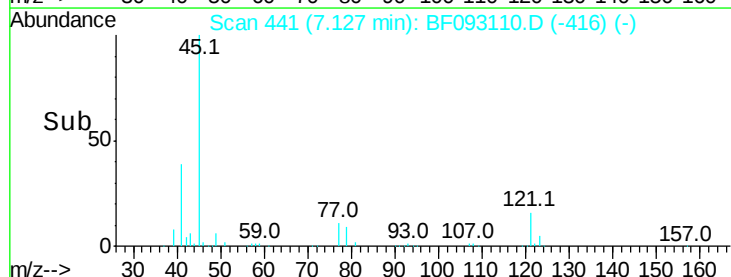
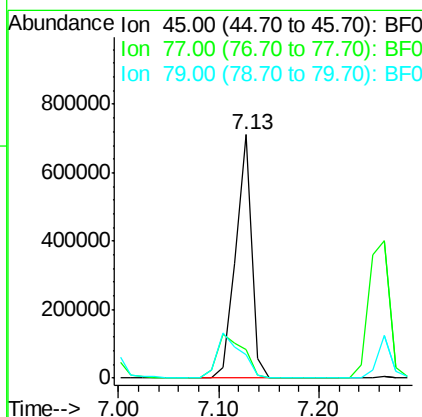
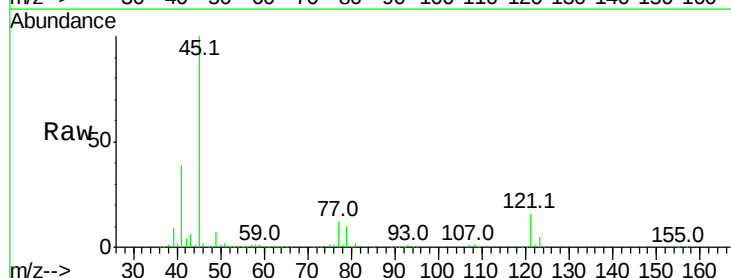
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.30 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	778839		
77	11.6	0.0	34.6	
79	9.6	0.0	31.2	





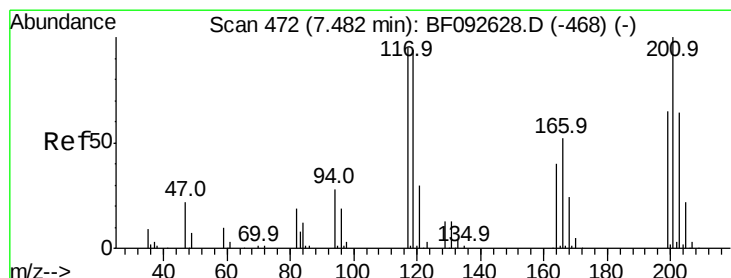
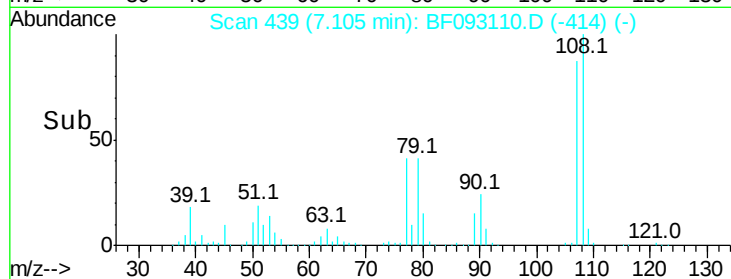
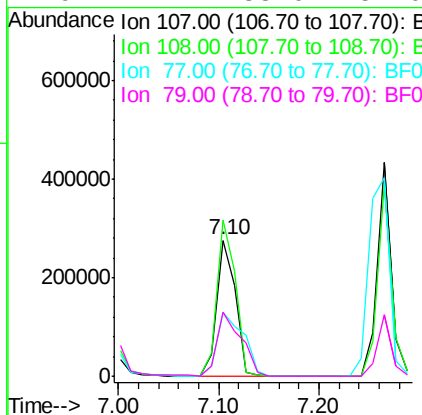
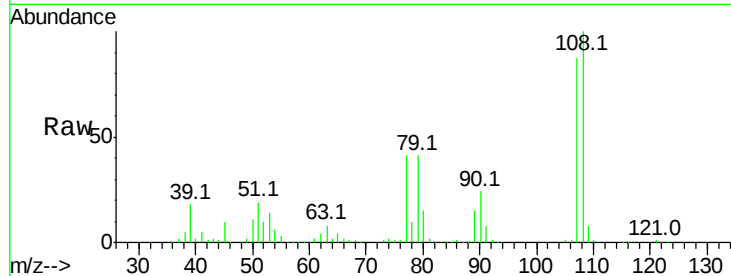
#17
2-Methylphenol
Concen: 41.35 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.0	139.6
77	46.8	39.8	59.8
79	47.2	38.0	57.0

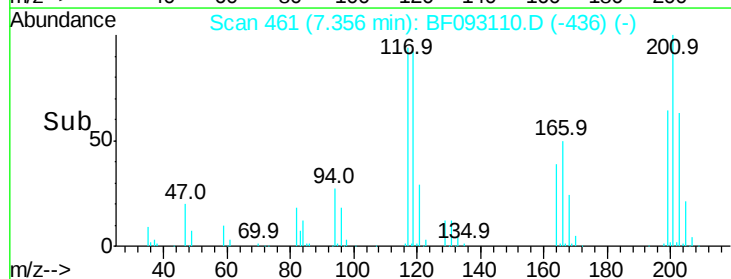
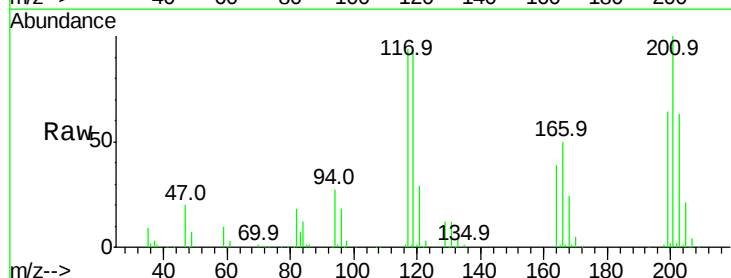
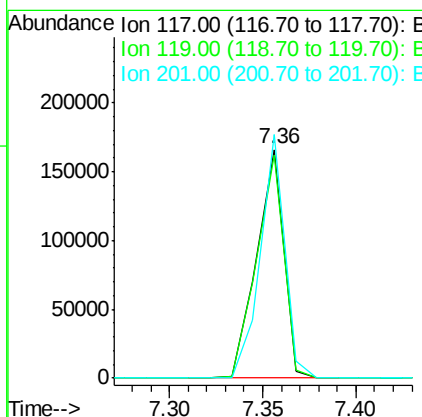
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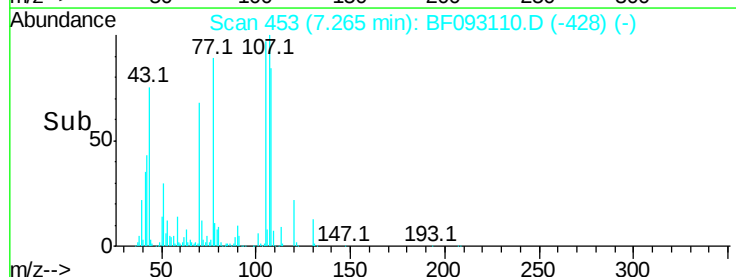
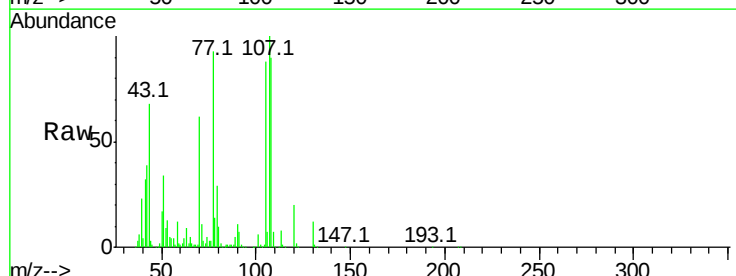
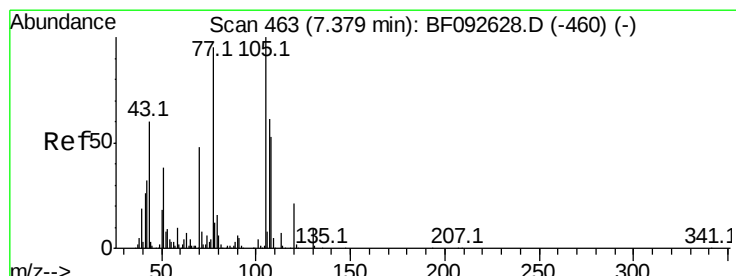
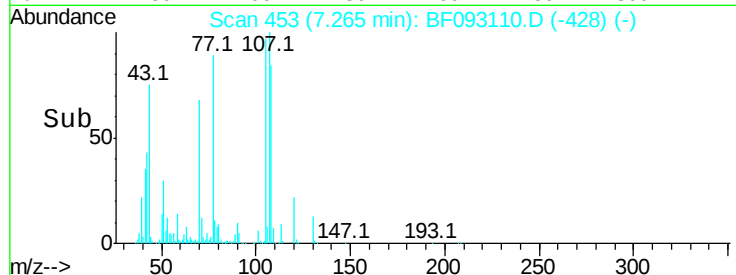
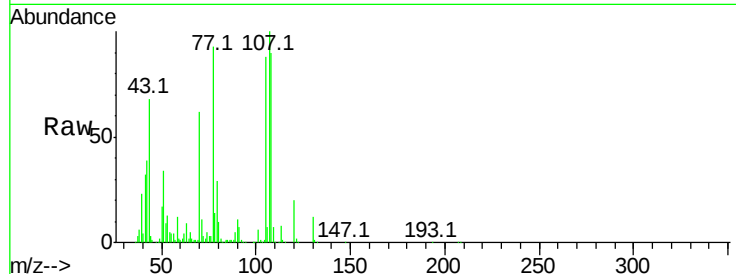
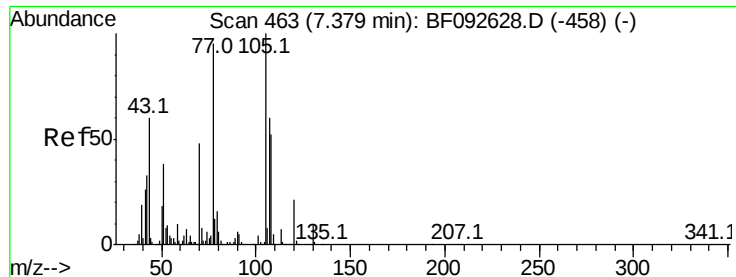
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#18
Hexachloroethane
Concen: 41.29 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.1	117.1
201	106.5	78.6	117.8





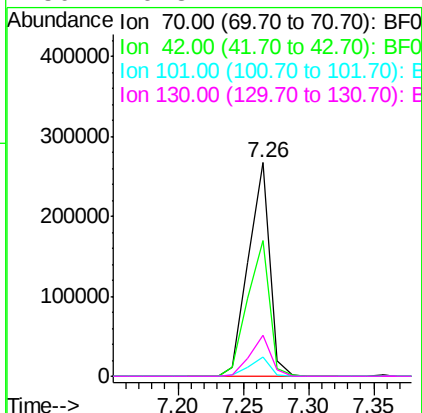
#19
n-Nitroso-di-n-propylamine
Concen: 41.01 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	49.4	74.0
101	9.2	7.4	11.2
130	19.3	14.2	21.4

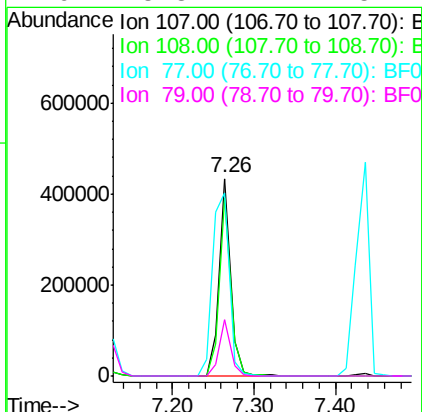
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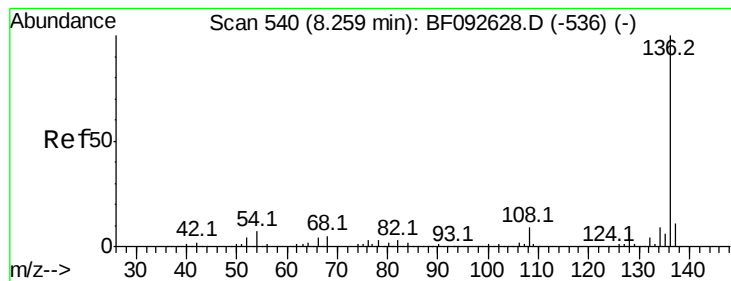
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#20
3+4-Methylphenols
Concen: 41.33 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	73.0	113.0
77	93.0	71.3	111.3
79	28.8	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

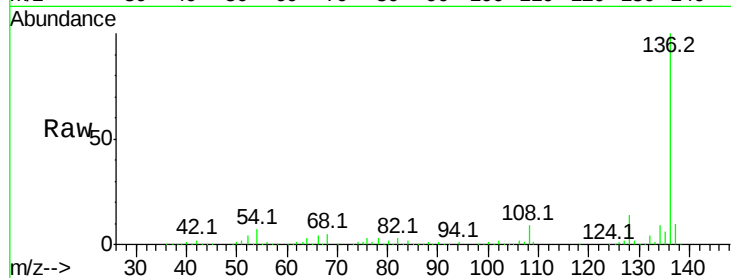
ClientSampleId :

SPARTA-FINE-SANDMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	624833		
137	10.4		8.4	12.6
54	7.2		4.5	6.7#
68	5.2		3.6	5.4

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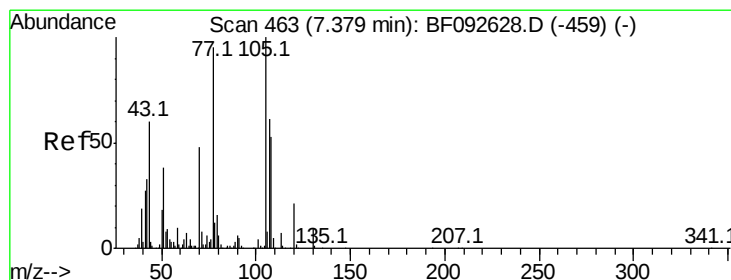
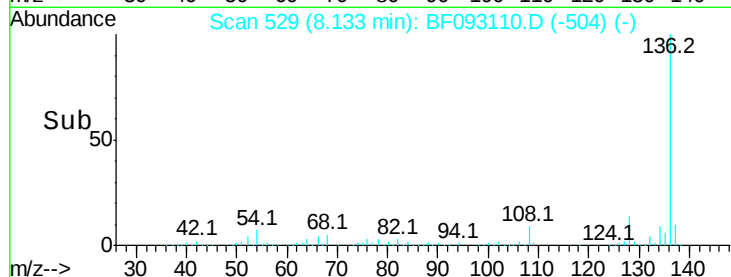
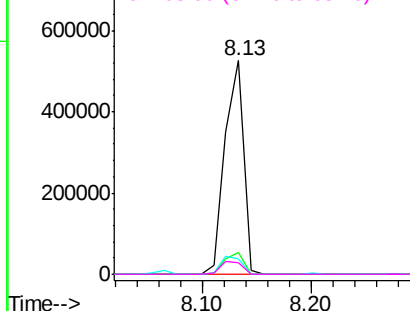


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.70 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

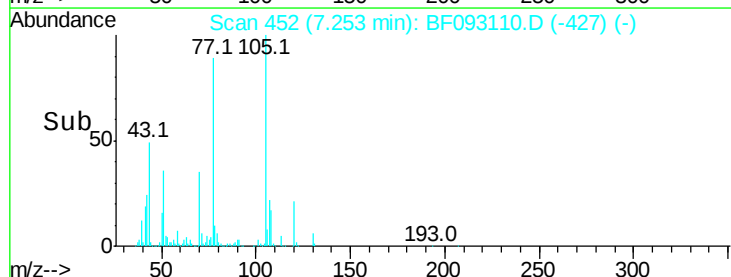
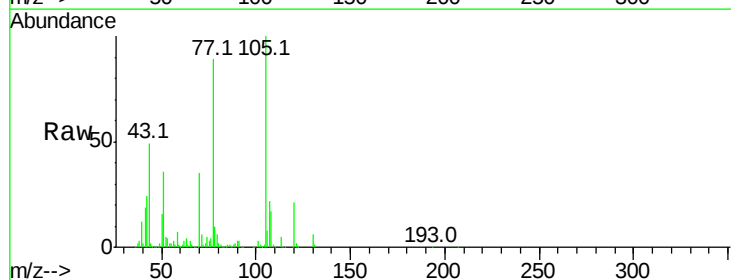
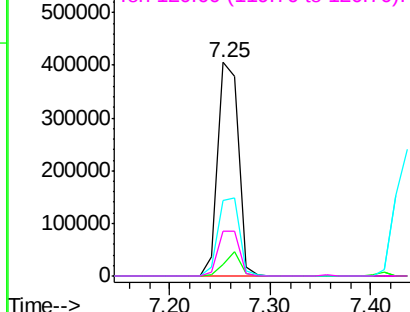
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	580613		
71	5.6		3.2	4.8#
51	35.7		26.2	39.4
120	21.1		16.6	24.8

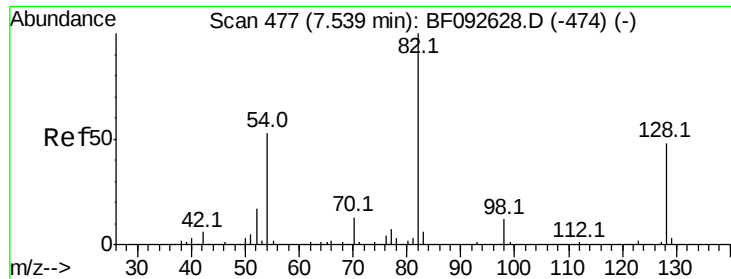
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





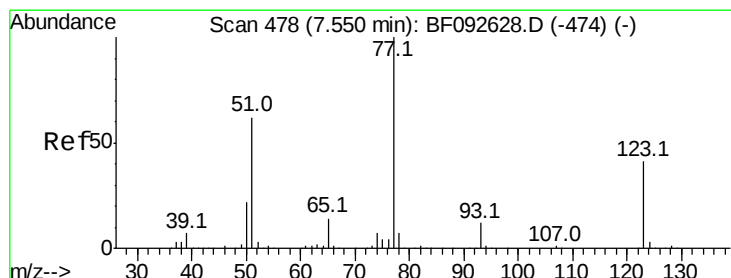
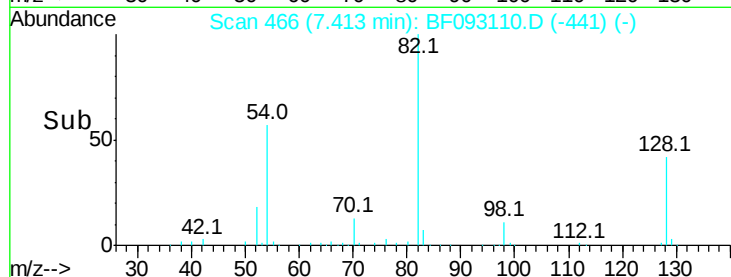
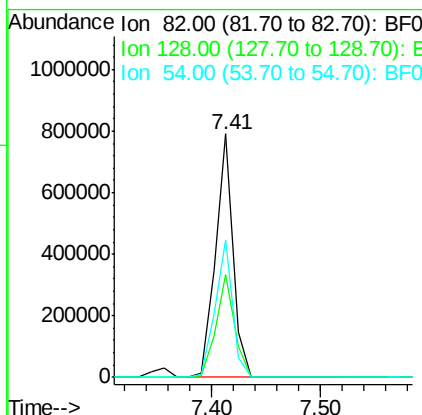
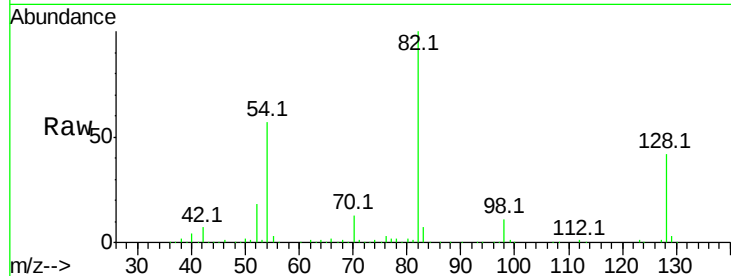
#23
Nitrobenzene-d5
Concen: 79.65 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.0	34.6	52.0	
54	56.6	39.5	59.3	

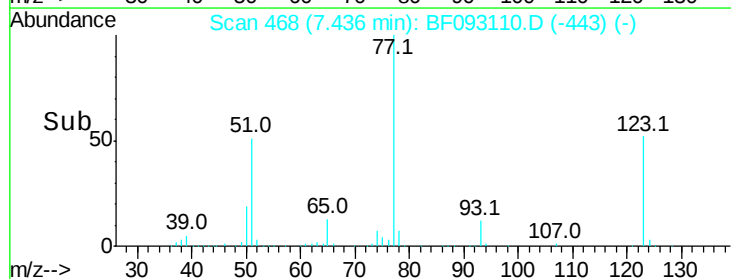
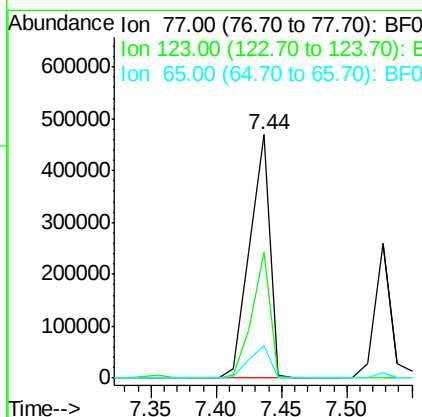
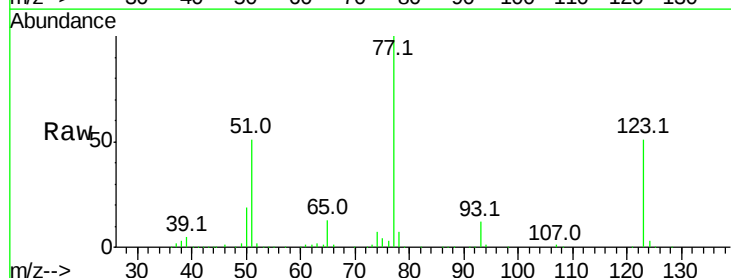
Manual Integrations
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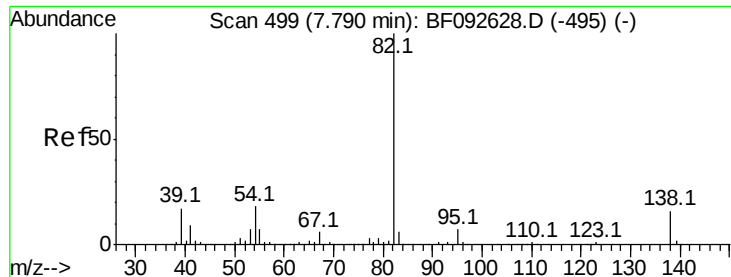
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#24
Nitrobenzene
Concen: 43.93 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.5	33.0	49.4#	
65	13.3	11.2	16.8	





#25

Isophorone

Concen: 42.48 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

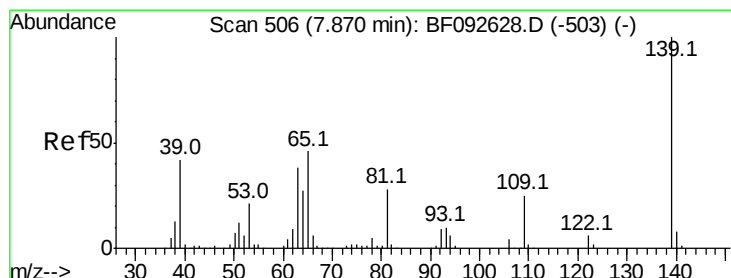
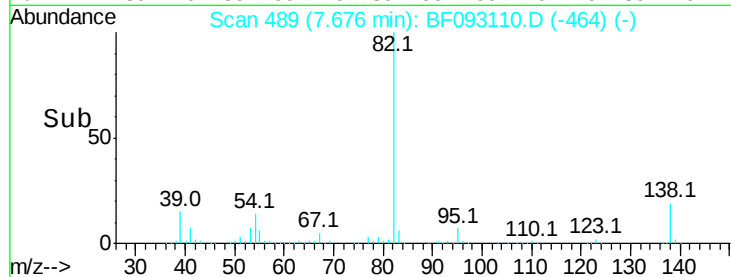
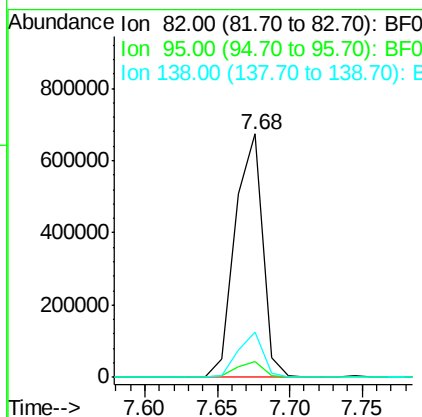
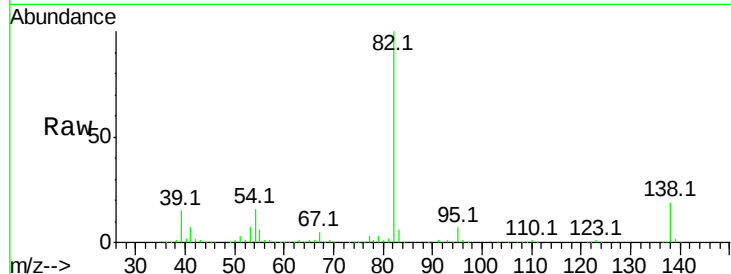
ClientSampleId :

SPARTA-FINE-SANDMS

Tot Ion:	82	Resp:	888241
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.6	8.4
138	18.8	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.11 ng

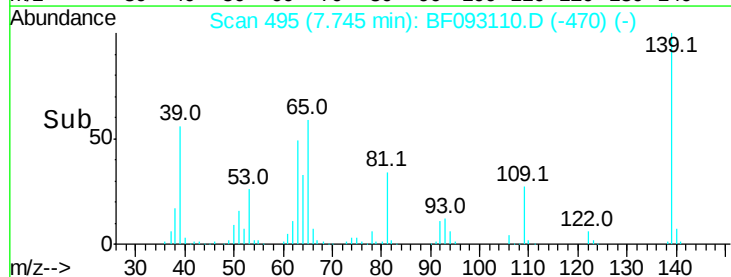
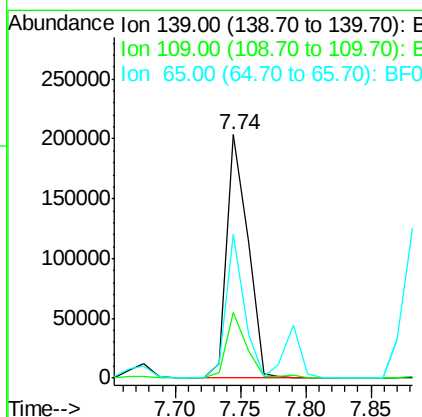
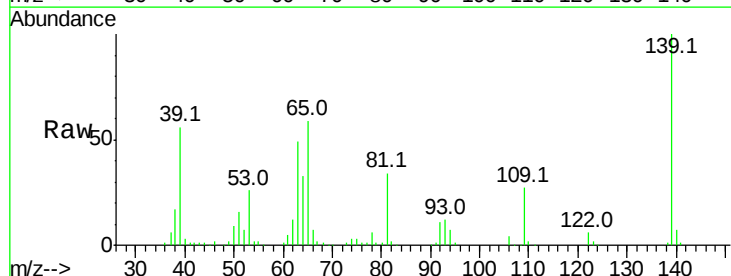
RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Tgt Ion:	139	Resp:	230610
Ion Ratio	Lower	Upper	
139	100		
109	26.8	23.3	34.9
65	59.2	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 41.78 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

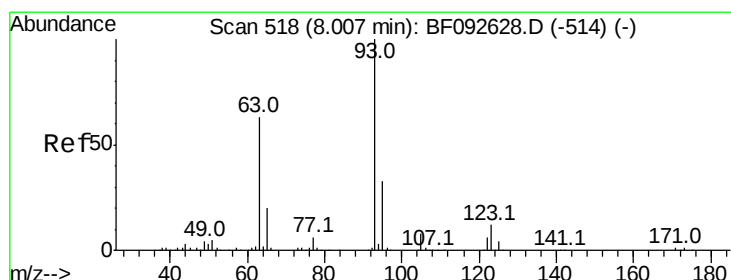
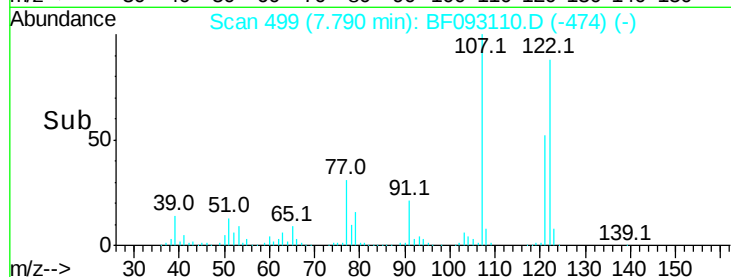
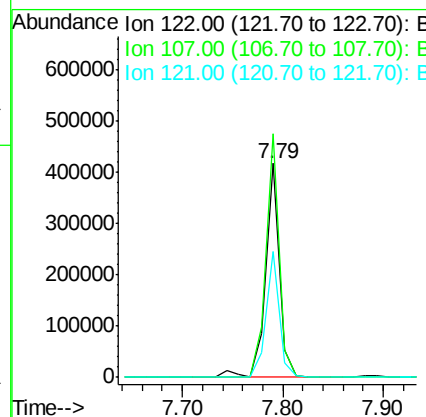
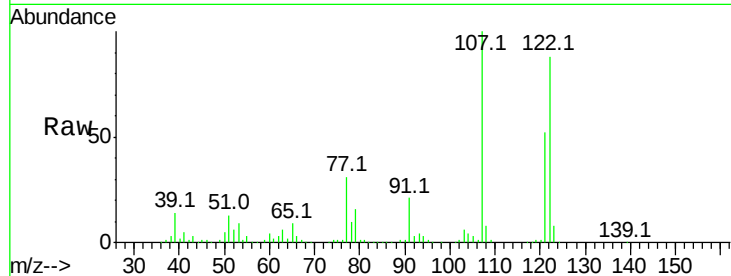
ClientSampleId :

SPARTA-FINE-SANDMS

Tot Ion:	122	Resp:	401852
Ion Ratio	Lower	Upper	
122	100		
107	113.9	94.1	141.1
121	58.9	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 39.50 ng

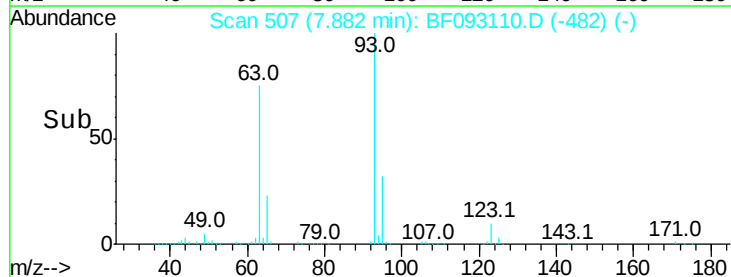
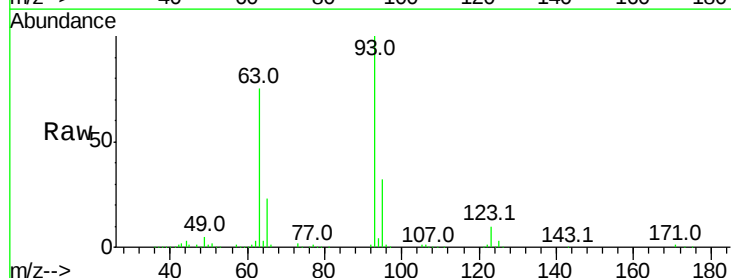
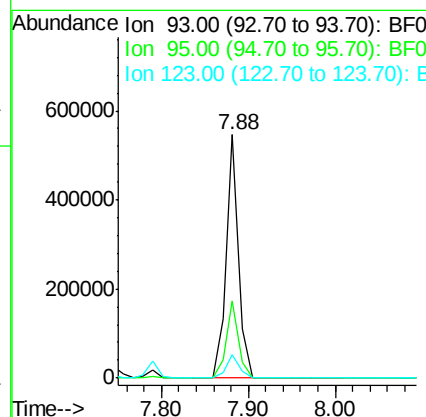
RT: 7.88 min Scan# 507

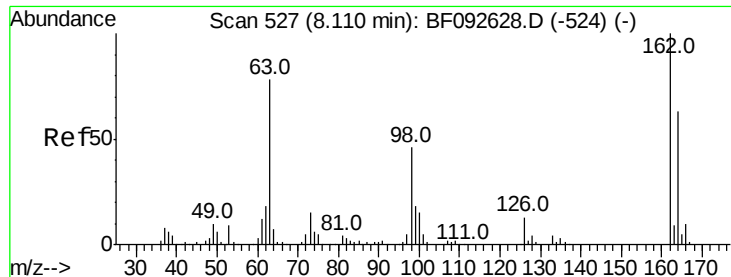
Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Tgt Ion:	93	Resp:	546909
Ion Ratio	Lower	Upper	
93	100		
95	31.9	26.5	39.7
123	9.7	8.6	13.0





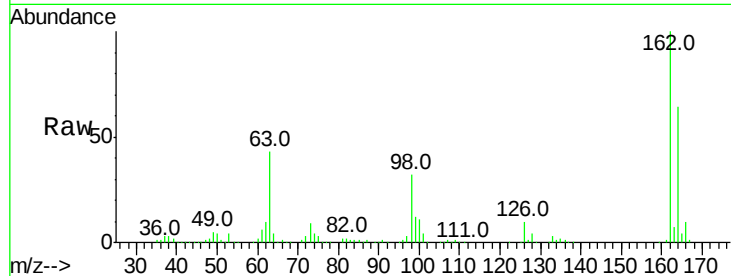
#29
 2,4-Dichlorophenol
 Concen: 42.50 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

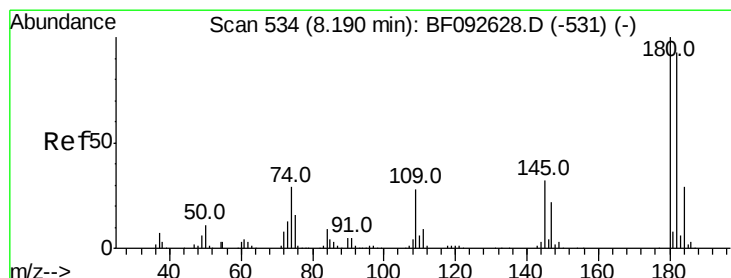
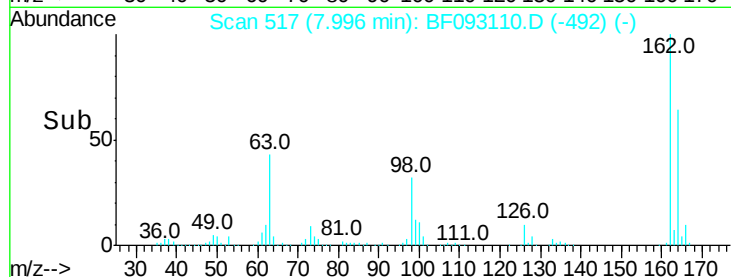
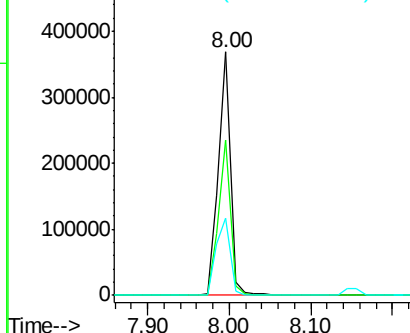
Tot Ion	Ratio	Resp	Lower	Upper
162	100	381238		
164	64.0	46.8	86.8	
98	31.9	9.1	49.1	

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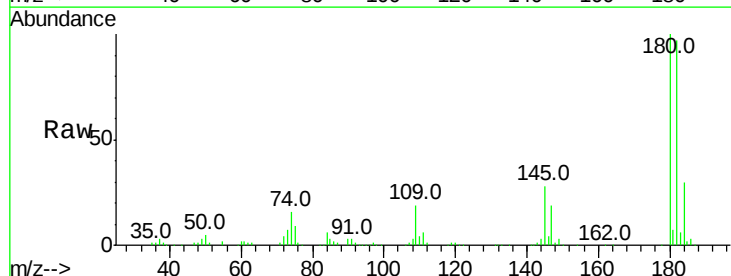


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

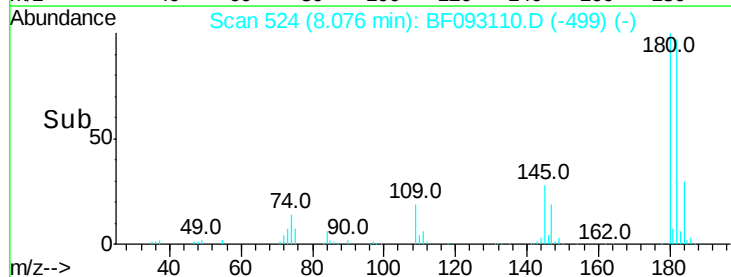
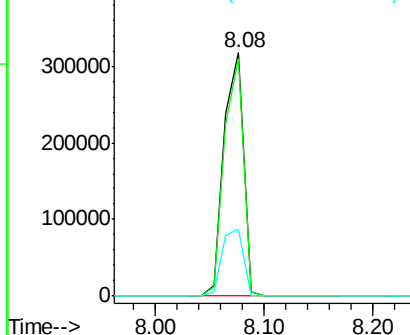


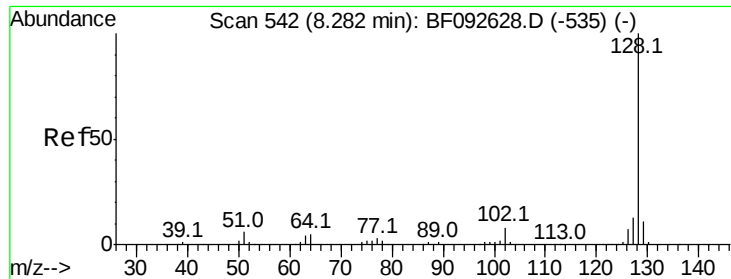
#30
 1,2,4-Trichlorobenzene
 Concen: 40.90 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	395368		
182	97.3	78.2	117.4	
145	27.7	21.6	32.4	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





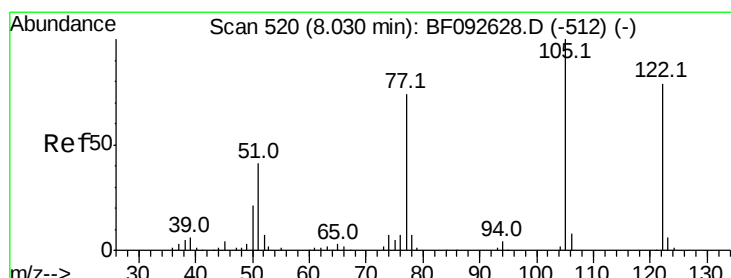
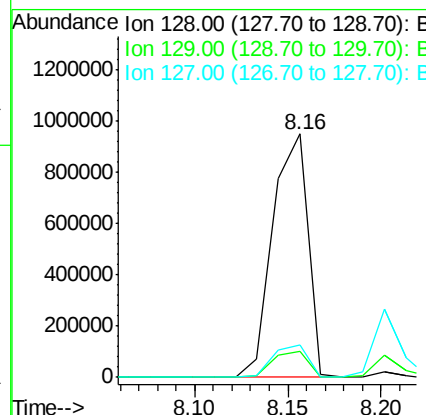
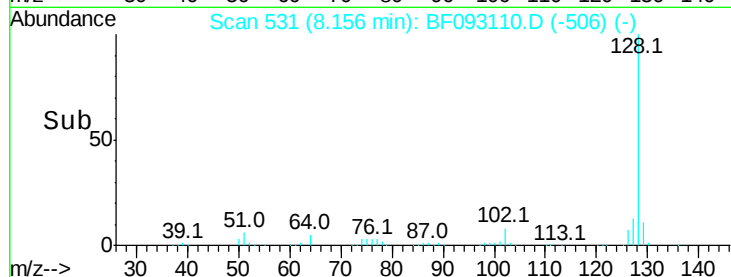
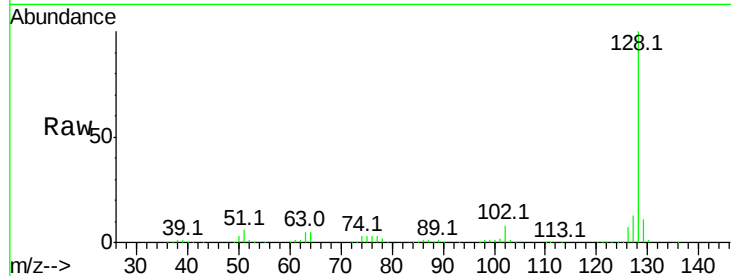
#31
Naphthalene
Concen: 39.25 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion:128 Resp: 1243162
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 13.3 10.8 16.2

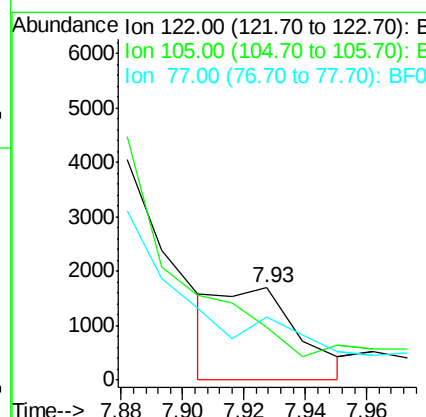
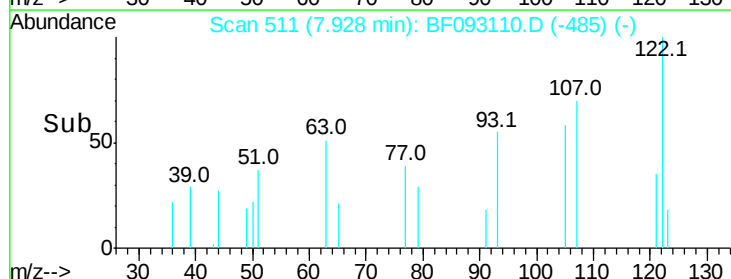
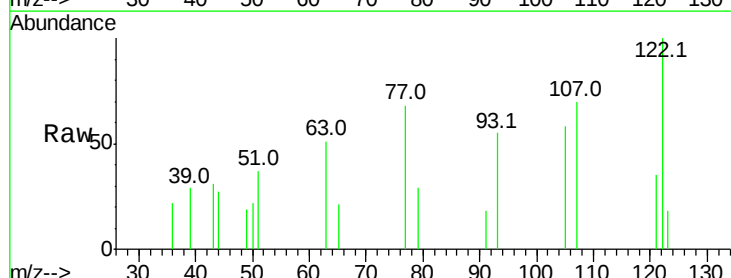
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#32
Benzoic acid
Concen: 7.63 ng m
RT: 7.93 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion:122 Resp: 3000
Ion Ratio Lower Upper
122 100
105 57.6 107.2 147.2#
77 68.1 74.5 114.5#





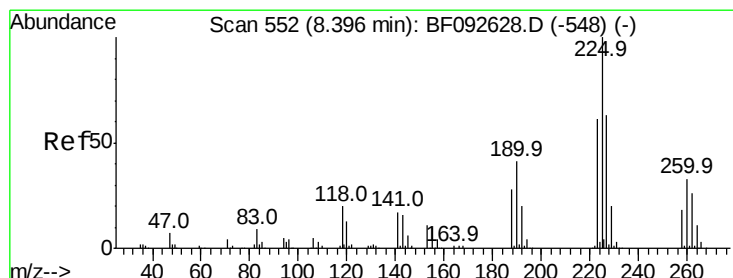
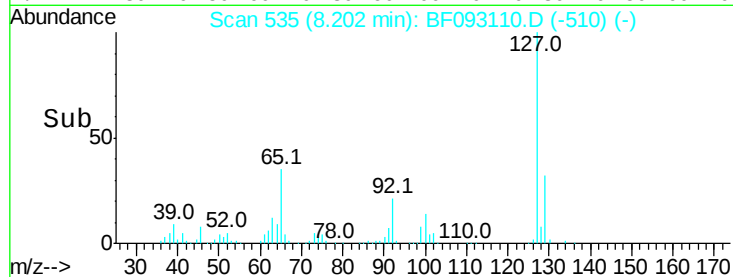
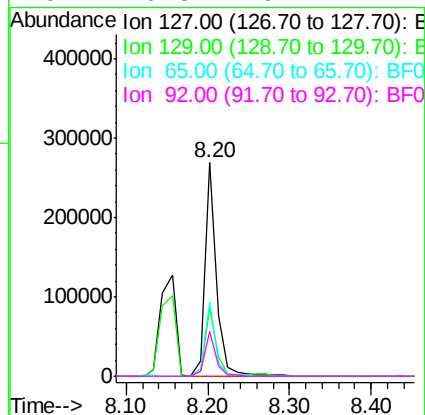
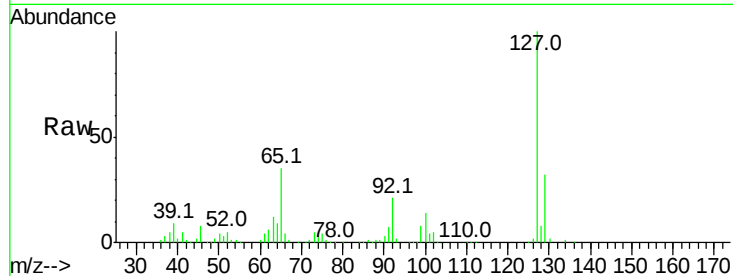
#33
4-Chloroaniline
Concen: 21.66 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	269105		
129	32.0	26.3	39.5	
65	34.6	25.8	38.8	
92	20.8	16.1	24.1	

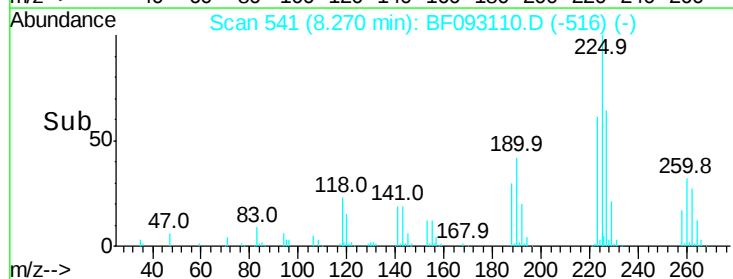
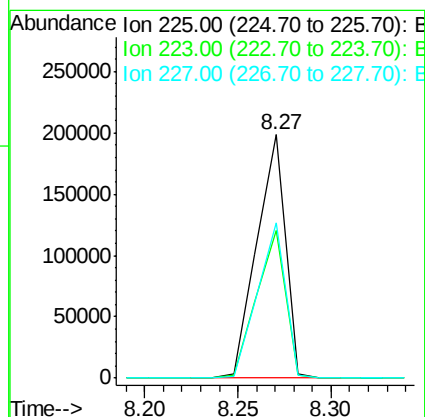
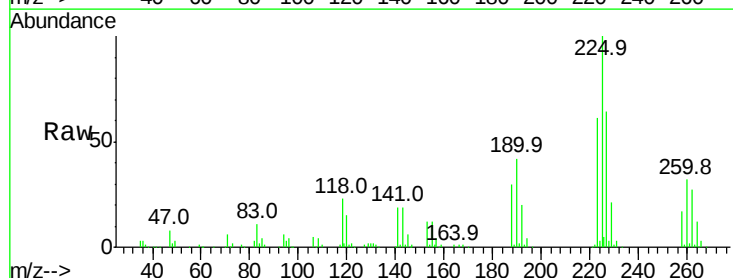
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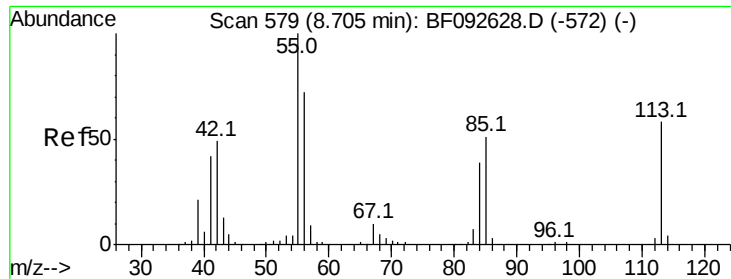
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#34
Hexachlorobutadiene
Concen: 39.44 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	209792		
223	60.8	51.0	76.6	
227	63.6	50.6	76.0	





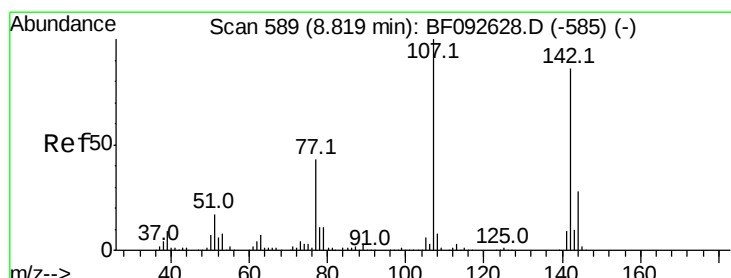
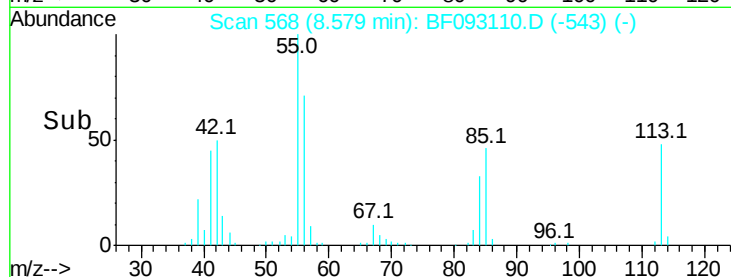
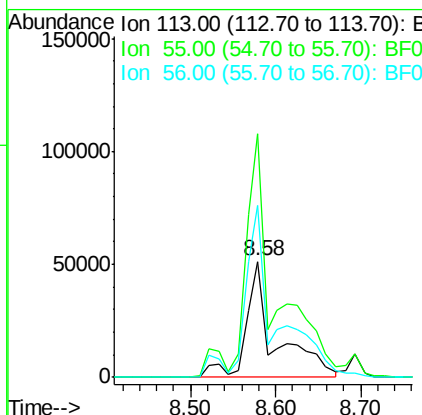
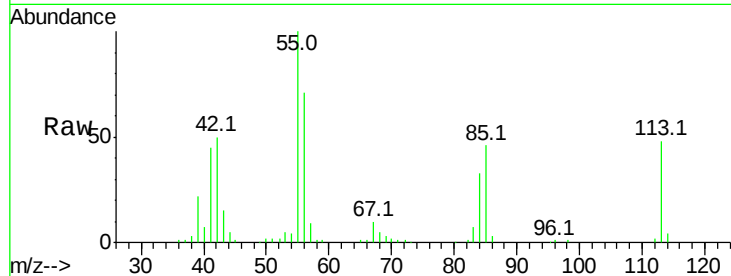
#35
 Caprolactam
 Concen: 43.25 ng/ml
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleID :
 SPARTA-FINE-SANDMS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	209.6	119.2	159.2#	
56	148.0	83.8	123.8#	

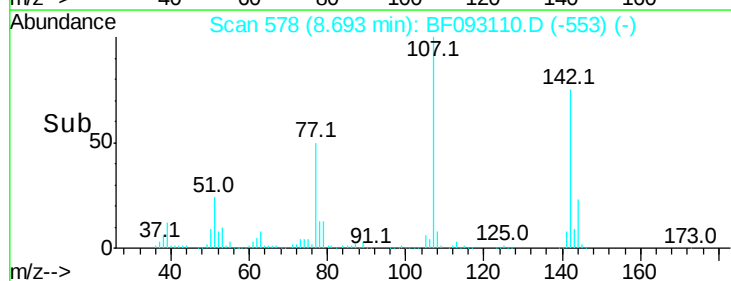
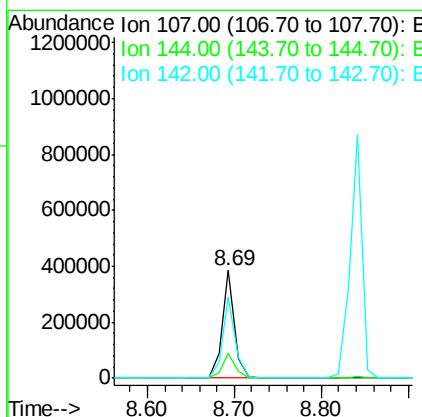
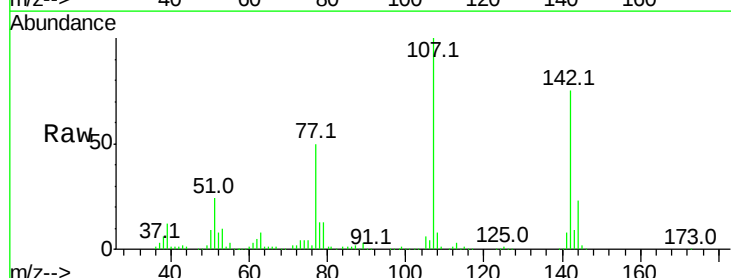
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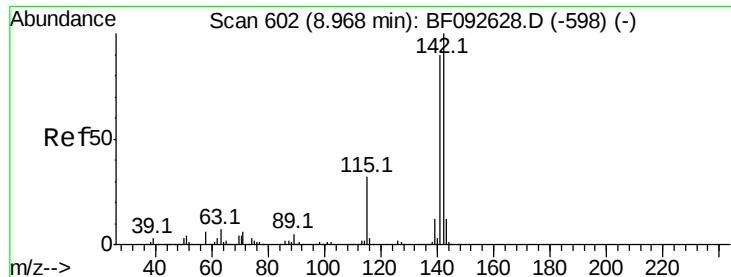
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#36
 4-Chloro-3-methylphenol
 Concen: 40.83 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.4	19.3	28.9	
142	74.9	59.0	88.6	





#37

2-Methylnaphthalene

Concen: 41.98 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF093110.D

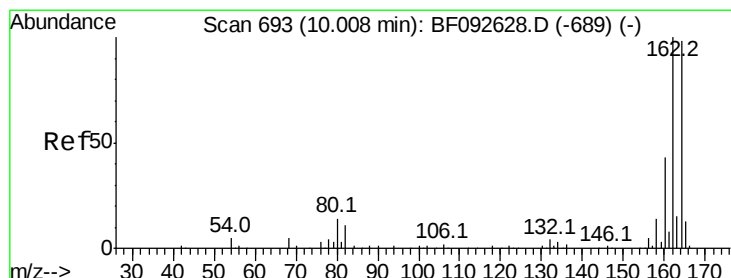
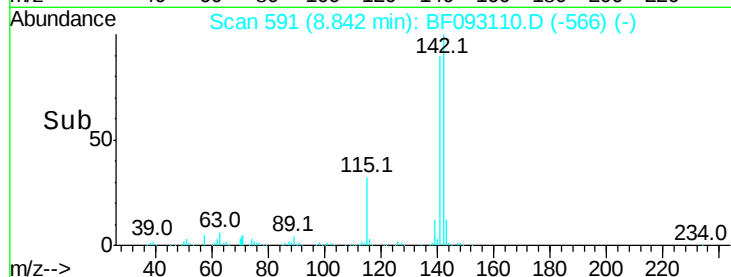
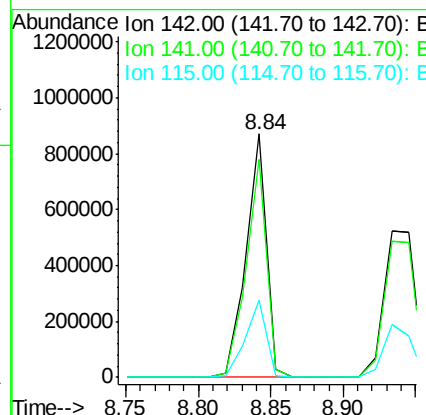
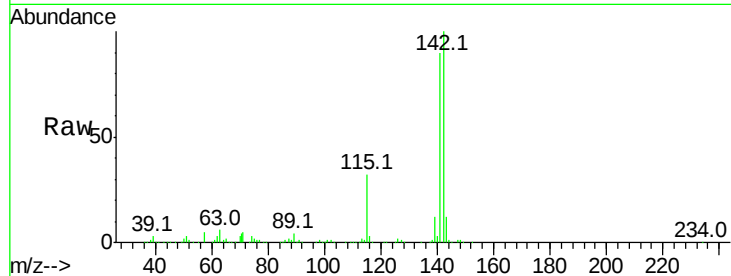
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	31.6	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

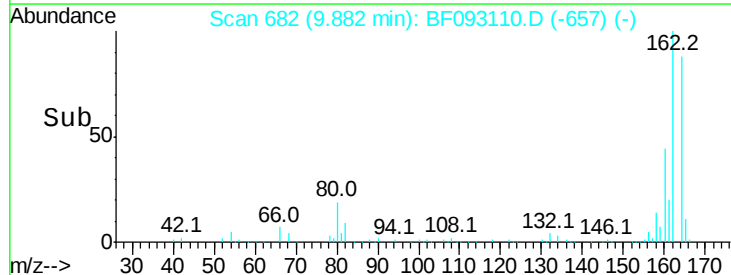
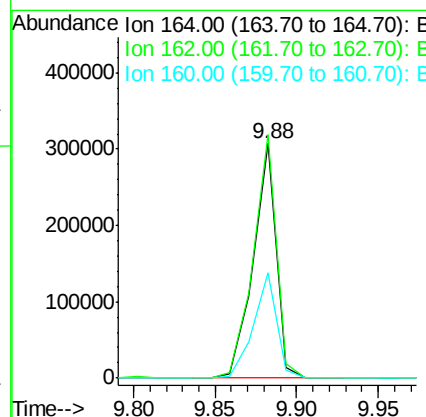
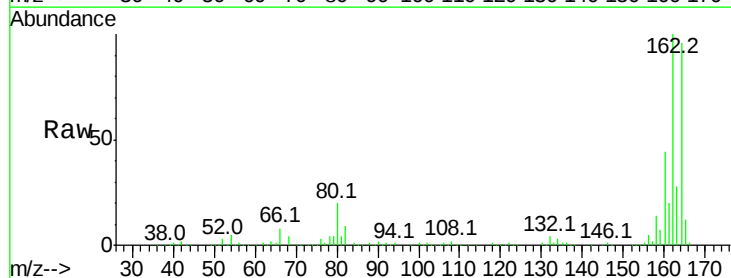
RT: 9.88 min Scan# 682

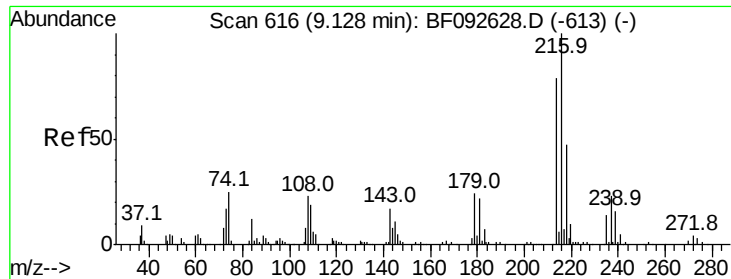
Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.2	120.2
160	45.2	36.9	55.3





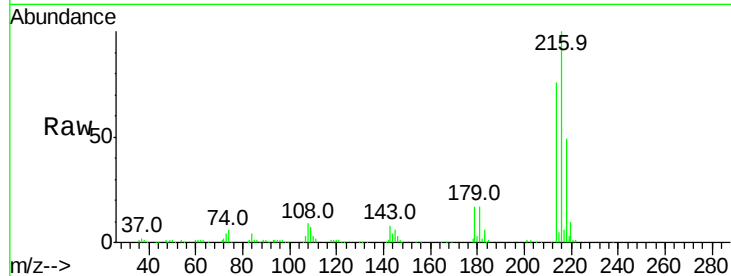
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.35 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

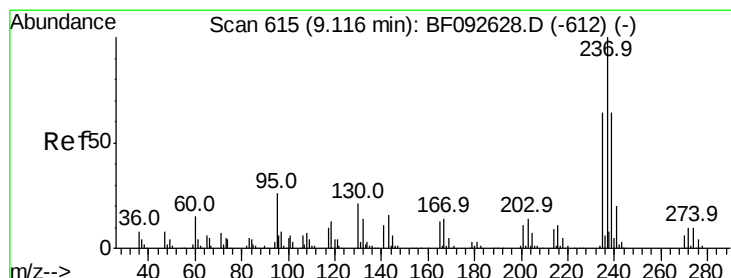
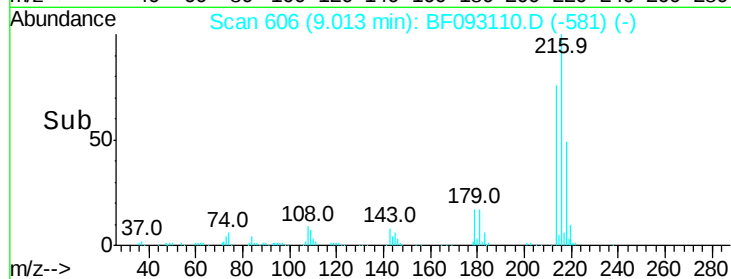
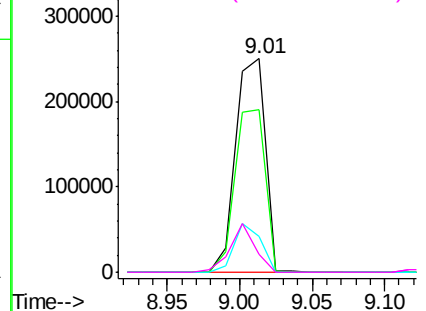
Tot Ion:	216	Resp:	354933
Ion Ratio		Lower	Upper
216	100		
214	78.1	63.4	95.0
179	20.9	17.4	26.2
108	19.6	15.6	23.4

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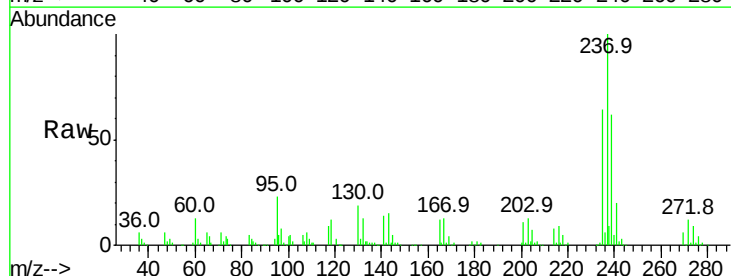


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

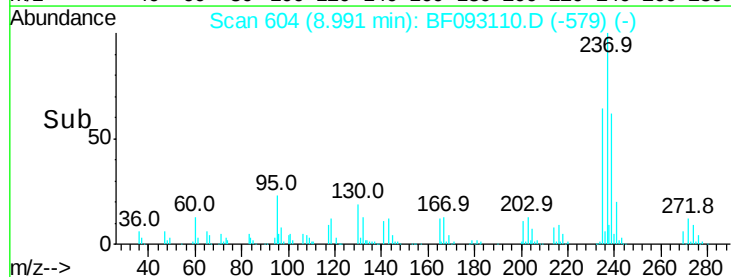
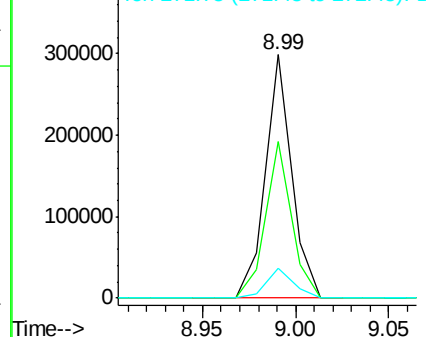


#40
 Hexachlorocyclopentadiene
 Concen: 76.74 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion:	237	Resp:	290158
Ion Ratio		Lower	Upper
237	100		
235	64.2	41.2	81.2
272	12.3	0.0	35.4



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





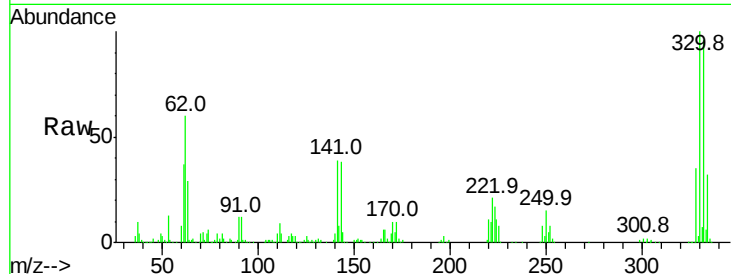
#41
 2,4,6-Tribromophenol
 Concen: 132.00 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

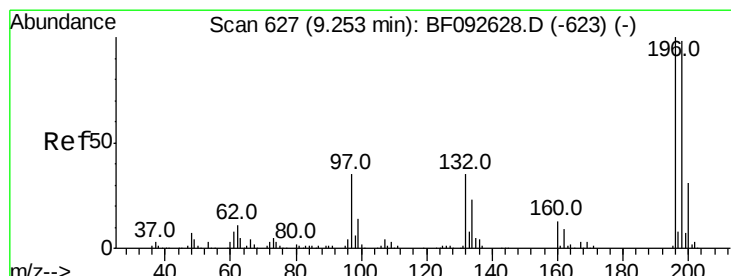
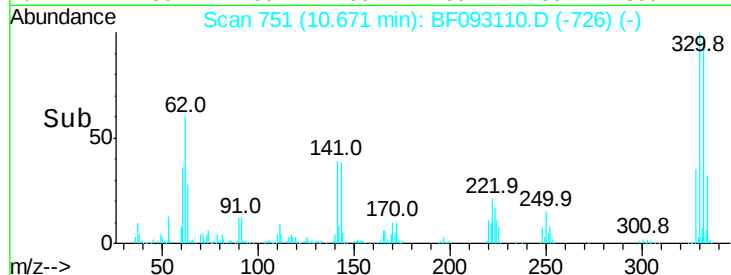
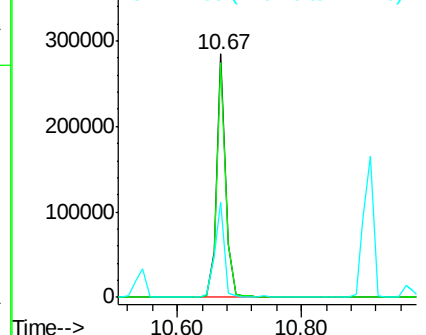
Tot Ion	Ratio	Resp	Lower	Upper
330	100	285014		
332	96.5	77.4	116.2	
141	41.0	34.1	51.1	

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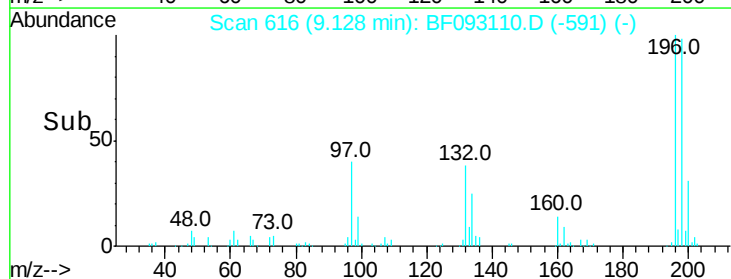
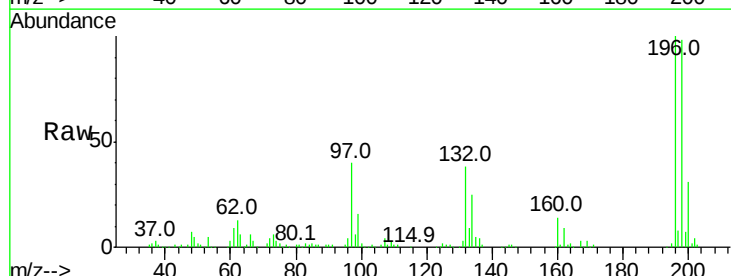
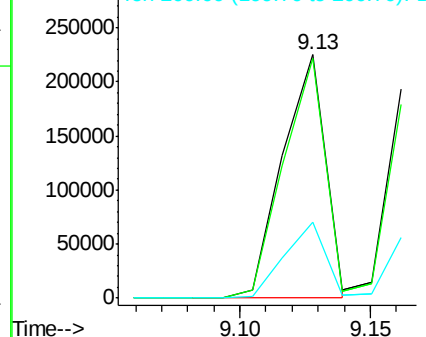
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

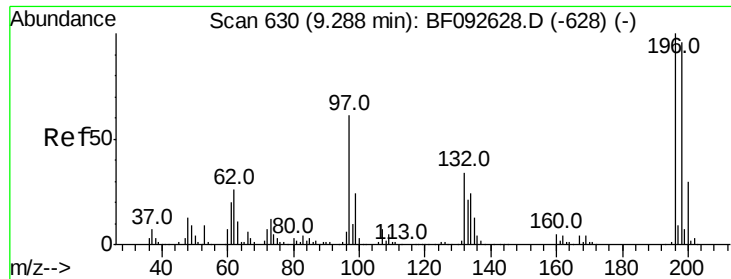


#42
 2,4,6-Trichlorophenol
 Concen: 46.36 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	255254		
198	98.2	82.1	123.1	
200	31.1	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





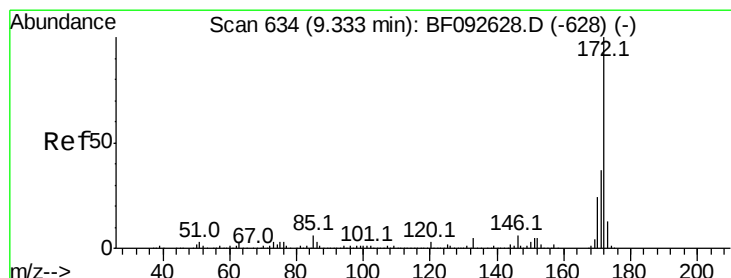
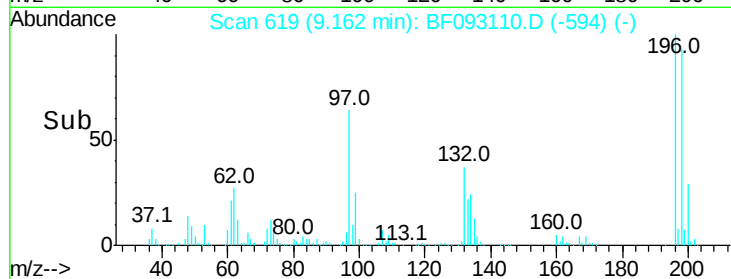
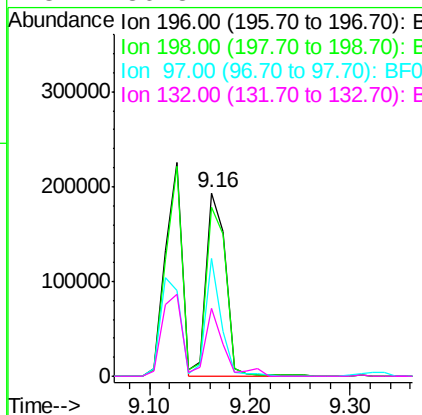
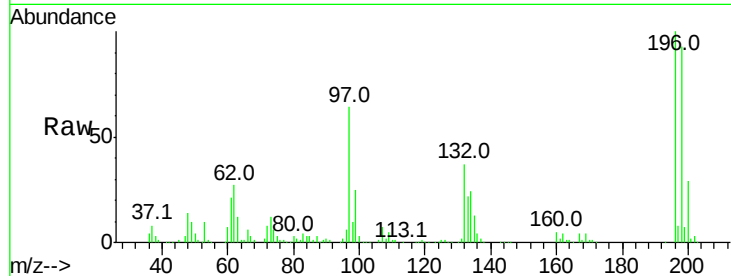
#43
 2,4,5-Trichlorophenol
 Concen: 42.61 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	257052		
198	92.5	79.4	119.2	
97	64.4	51.5	77.3	
132	36.8	27.4	41.2	

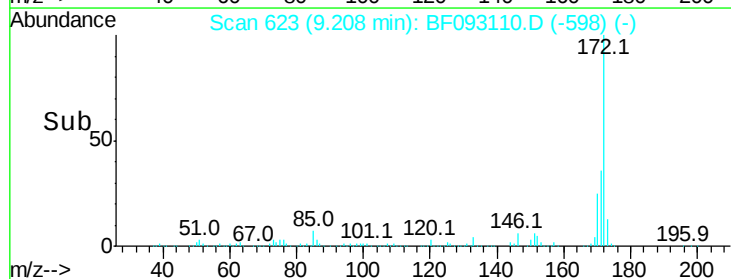
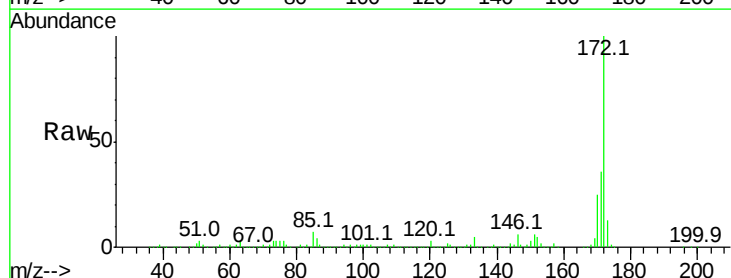
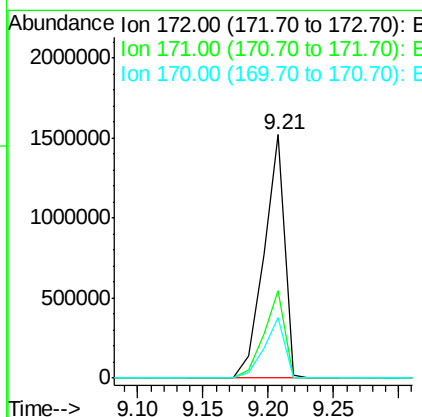
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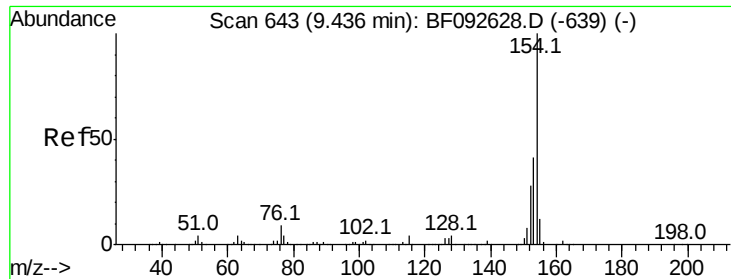
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 102.05 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1681652		
171	36.1	29.4	44.0	
170	24.7	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 44.03 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

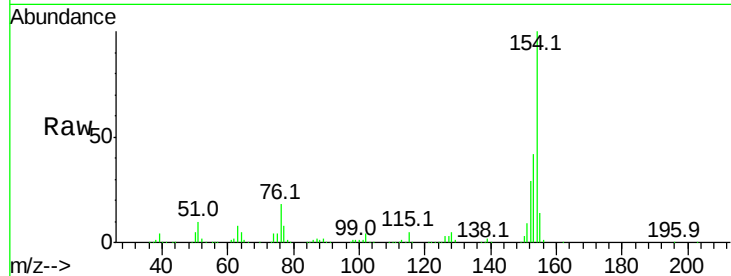
ClientSampleId :

SPARTA-FINE-SANDMS

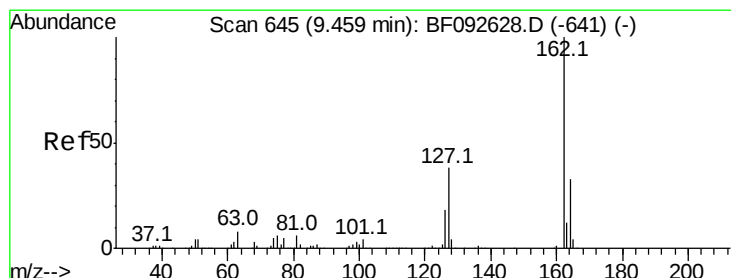
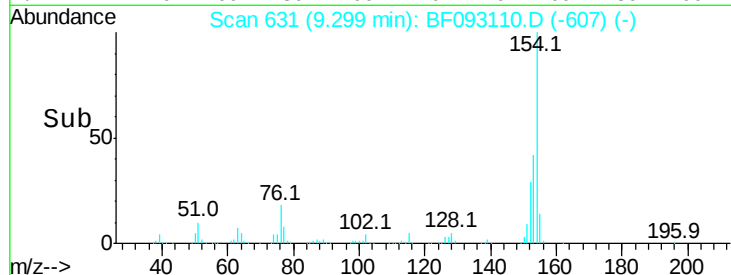
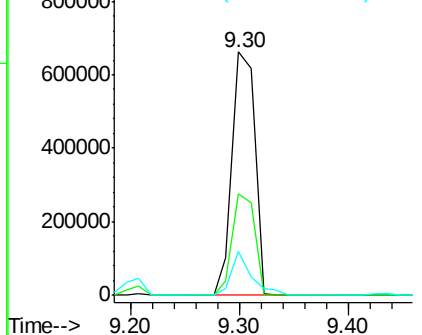
Tot Ion:	154	Resp:	951802
Ion Ratio	Lower	Upper	
154	100		
153	41.9	20.9	60.9
76	18.2	0.0	30.5

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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: 48.54 ng

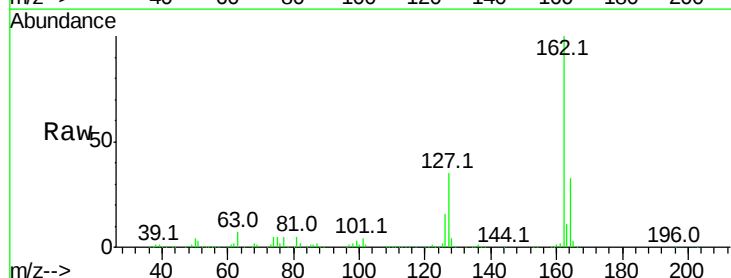
RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

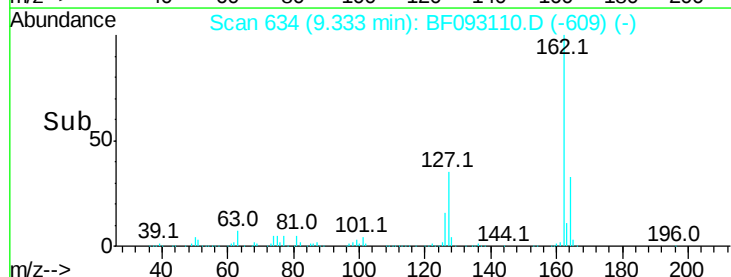
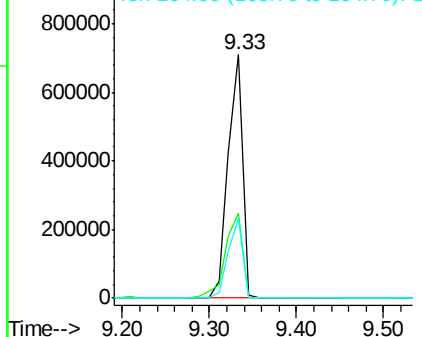
Lab File: BF093110.D

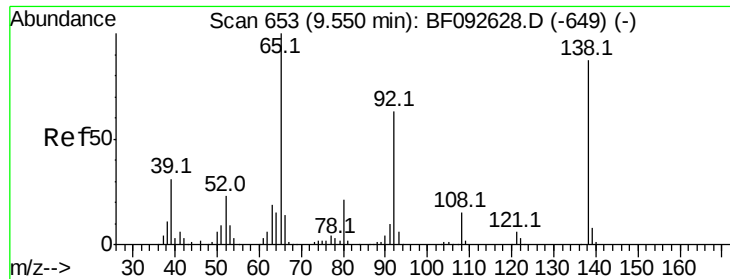
Acq: 23 Feb 2017 17:57

Tgt Ion:	162	Resp:	820909
Ion Ratio	Lower	Upper	
162	100		
127	34.9	30.7	46.1
164	32.5	27.6	41.4



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





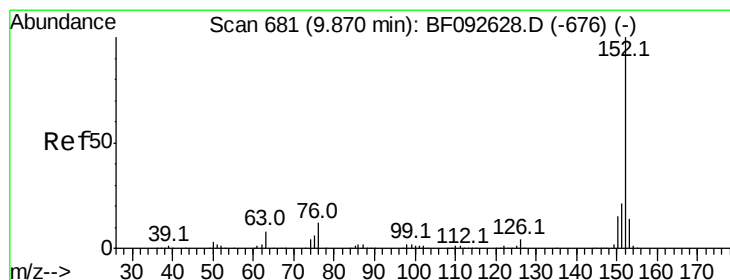
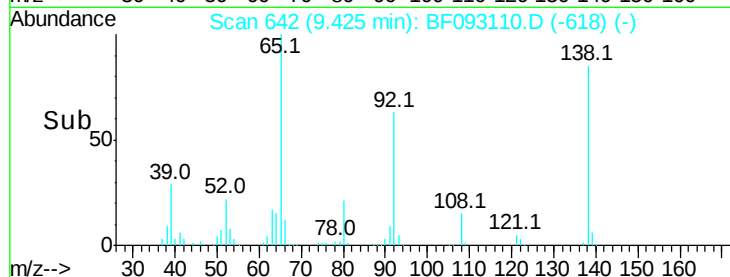
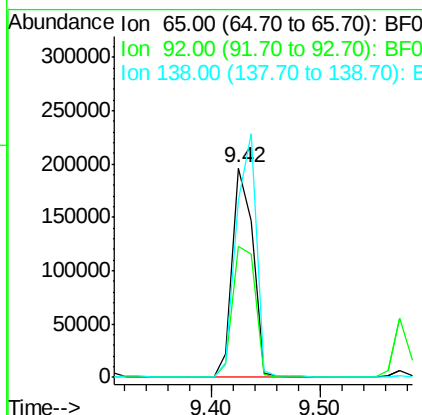
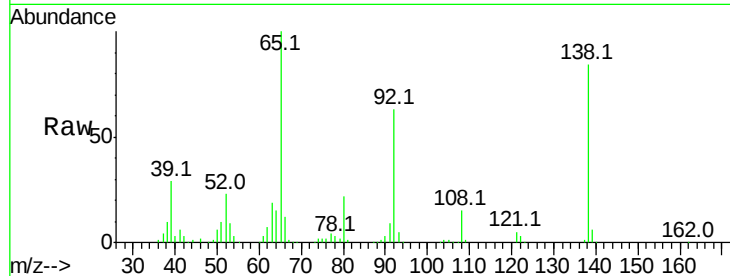
#47
2-Nitroaniline
Concen: 44.99 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	53.9	80.9
138	84.5	76.8	115.2

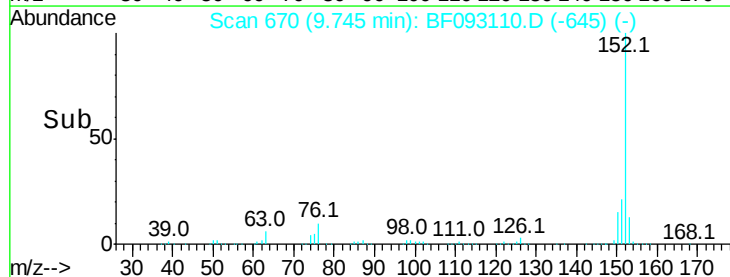
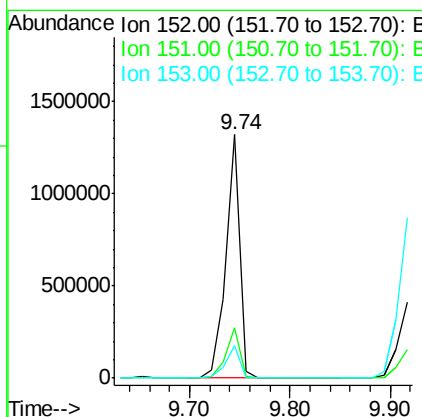
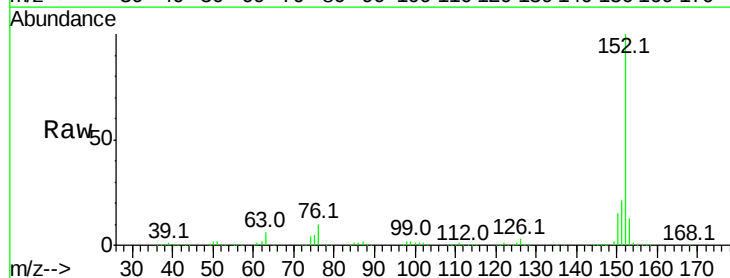
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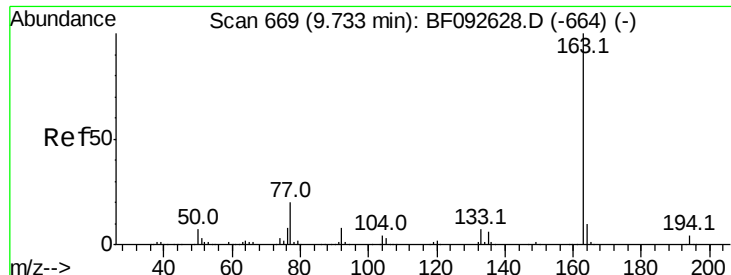
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#48
Acenaphthylene
Concen: 43.18 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.4	11.4	17.2





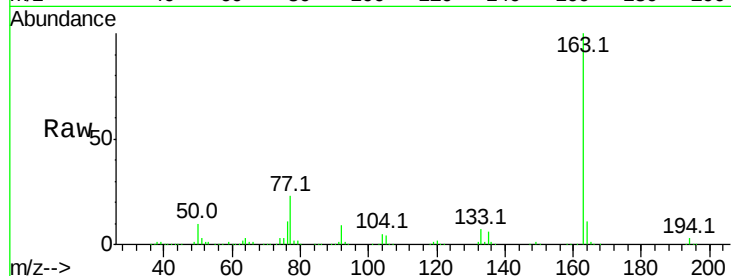
#49
Dimethylphthalate
Concen: 52.78 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

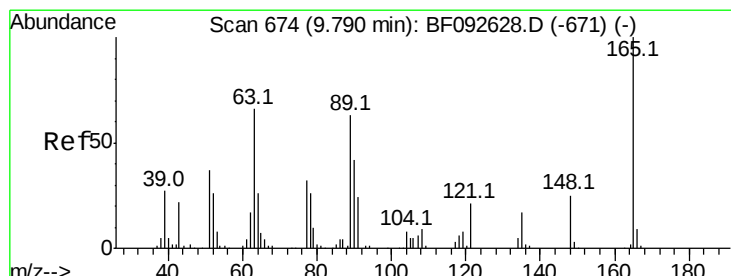
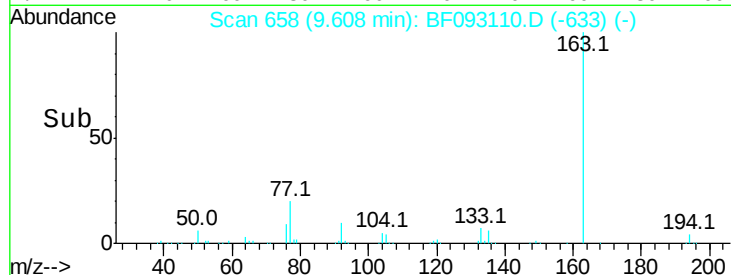
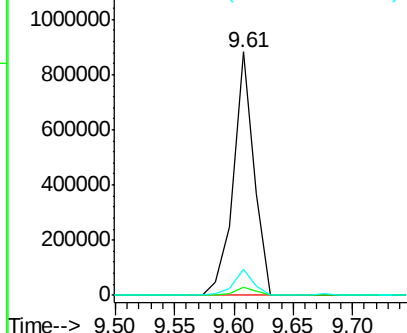
Tot Ion:163 Resp: 1061247
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.6 8.0 12.0

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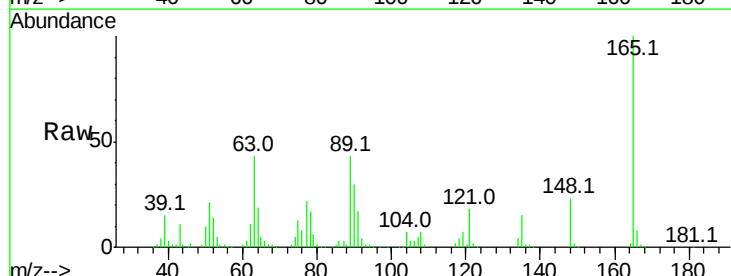


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

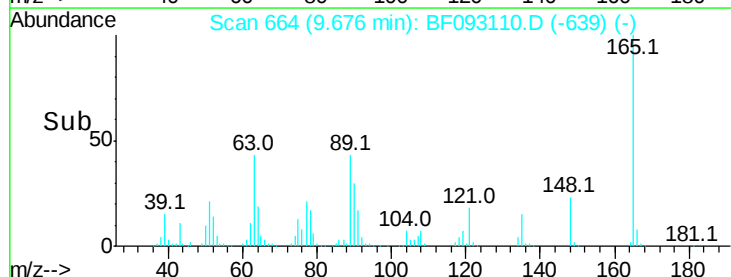
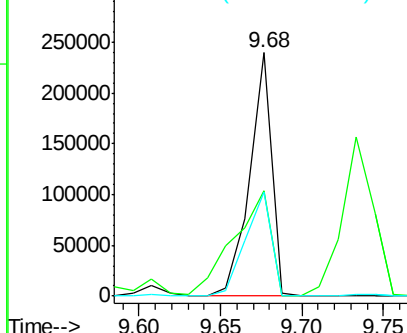


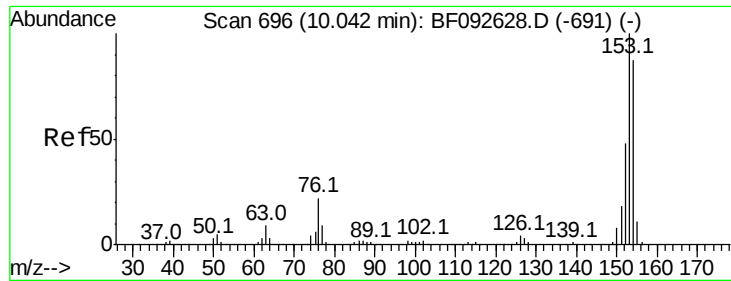
#50
2,6-Dinitrotoluene
Concen: 51.76 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion:165 Resp: 224757
Ion Ratio Lower Upper
165 100
63 43.4 36.2 54.4
89 43.0 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: 42.74 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

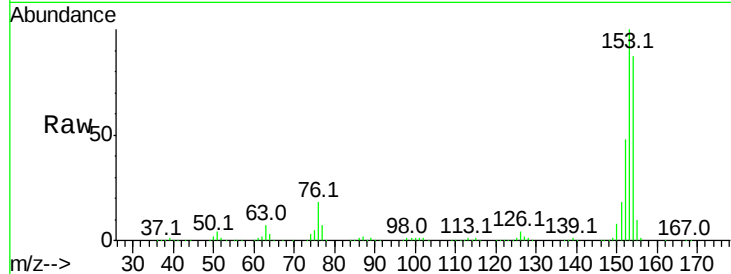
ClientSampleId :

SPARTA-FINE-SANDMS

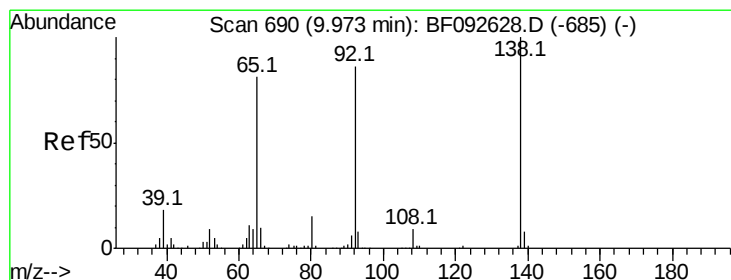
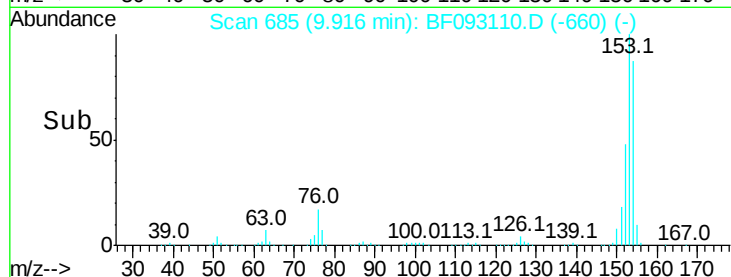
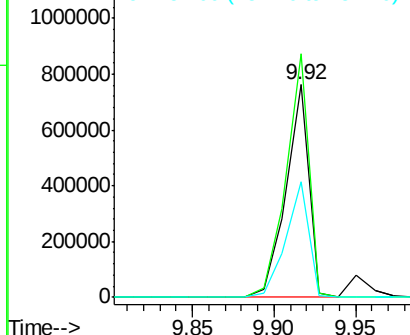
Tot Ion:	154	Resp:	746532
Ion Ratio	Lower	Upper	
154	100		
153	114.5	88.6	133.0
152	54.5	41.6	62.4

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



#52

3-Nitroaniline

Concen: 31.31 ng

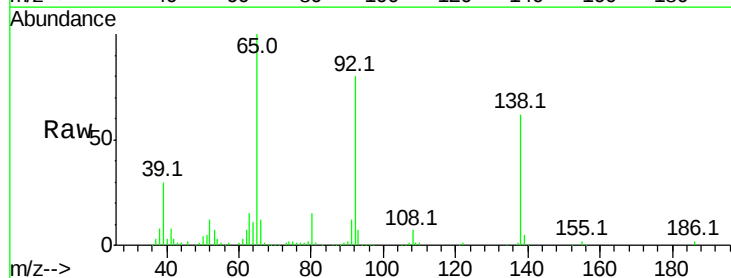
RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

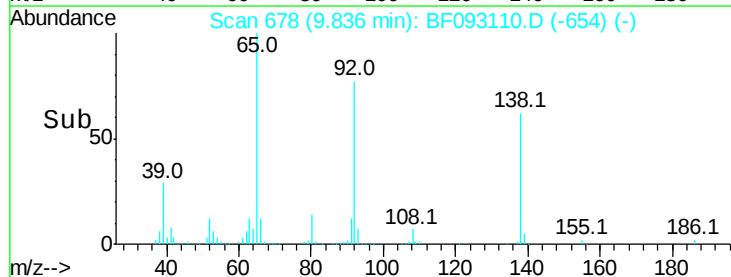
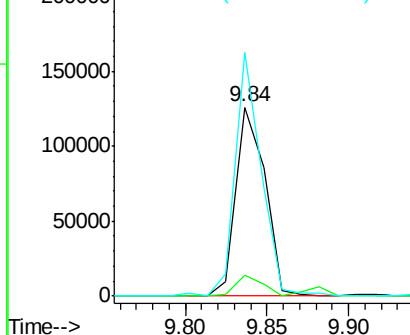
Lab File: BF093110.D

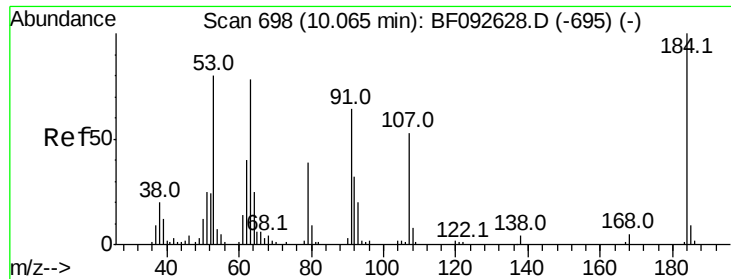
Acq: 23 Feb 2017 17:57

Tgt Ion:	138	Resp:	155608
Ion Ratio	Lower	Upper	
138	100		
108	11.1	8.5	12.7
92	128.8	97.8	146.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





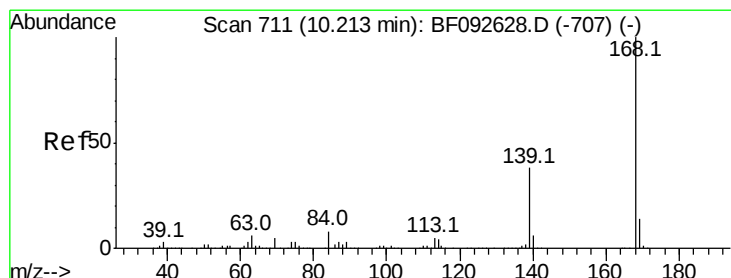
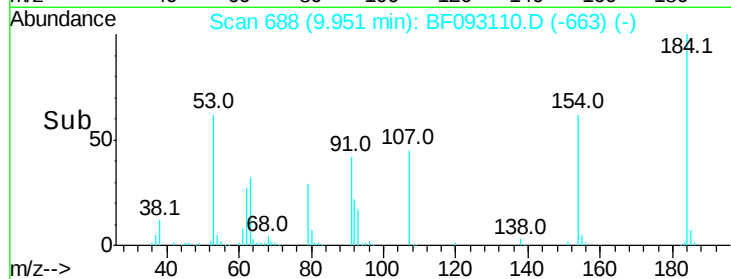
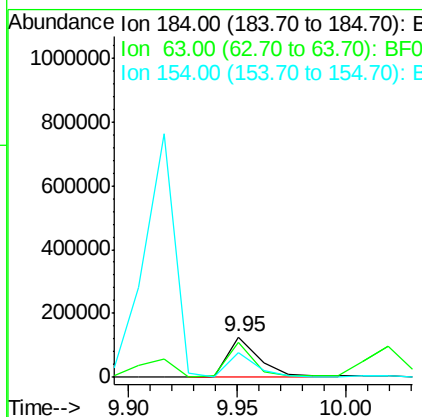
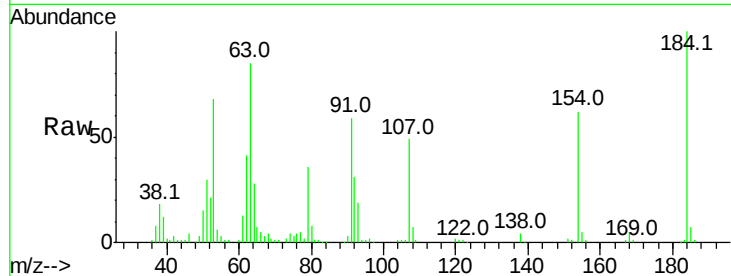
#53
 2,4-Dinitrophenol
 Concen: 59.90 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

Tot Ion:184 Resp: 129536
 Ion Ratio Lower Upper
 184 100
 63 85.2 28.4 42.6#
 154 61.9 44.3 66.5

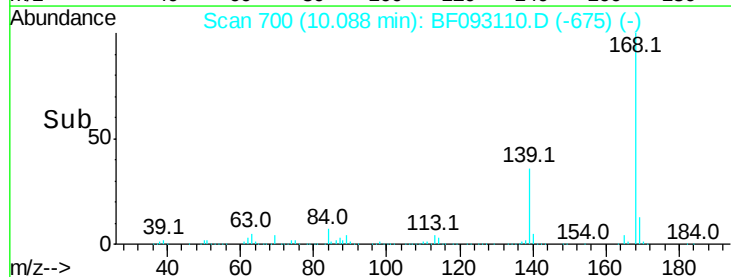
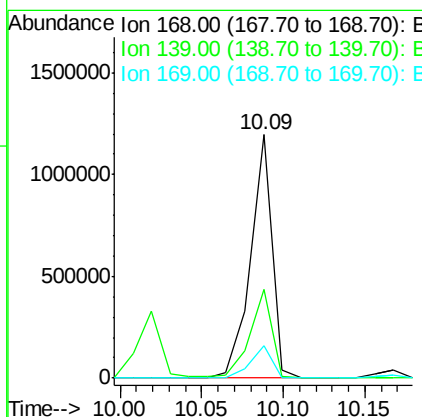
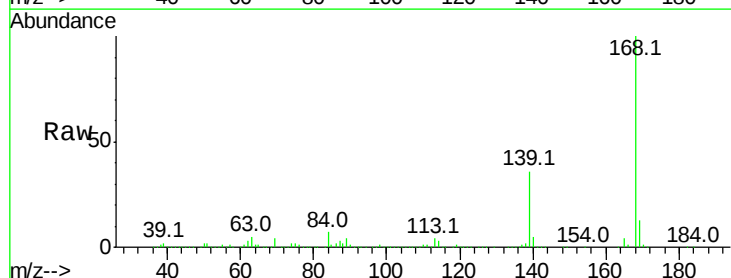
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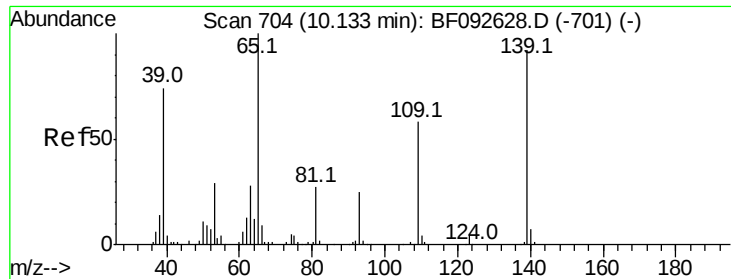
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#54
 Dibenzofuran
 Concen: 46.85 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion:168 Resp: 1094456
 Ion Ratio Lower Upper
 168 100
 139 36.3 32.6 49.0
 169 13.4 11.3 16.9





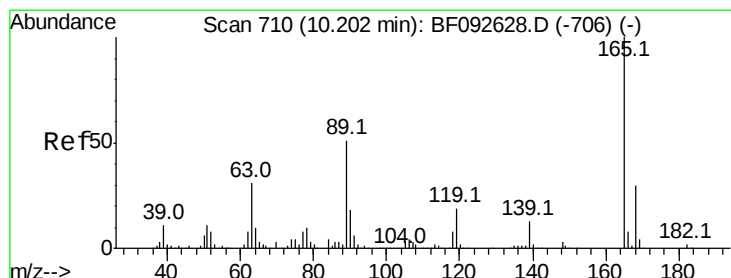
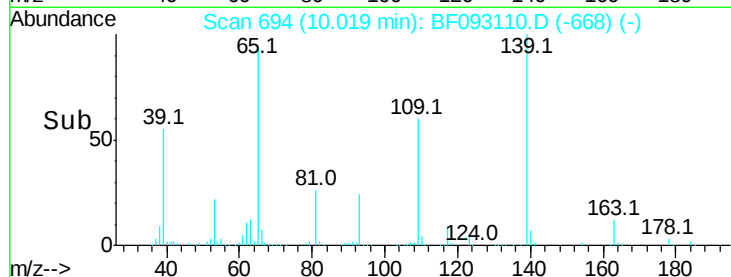
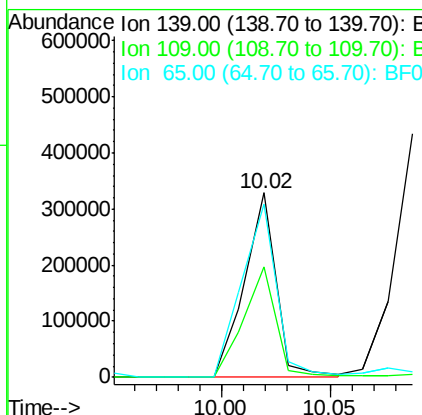
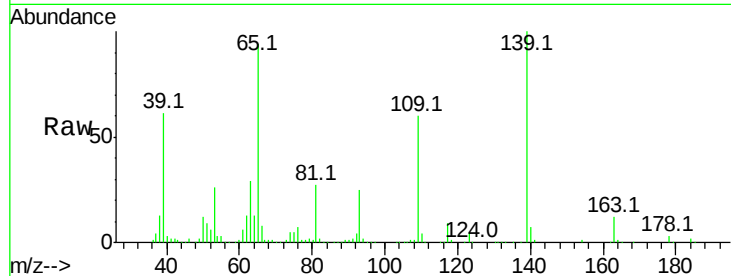
#55
4-Nitrophenol
Concen: 93.21 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.3	52.2	92.2	
65	94.2	85.8	125.8	

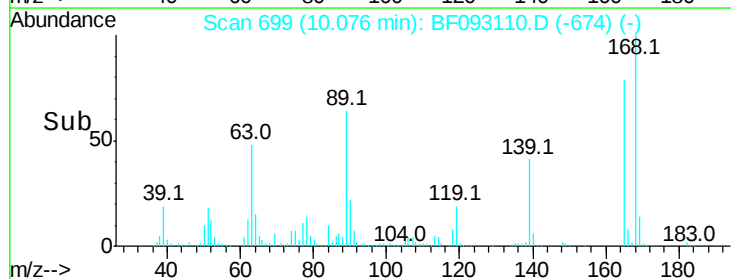
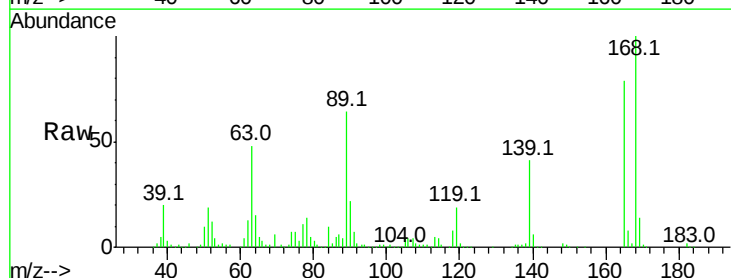
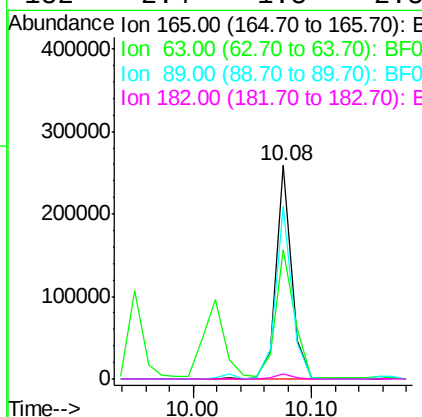
Manual Integrations
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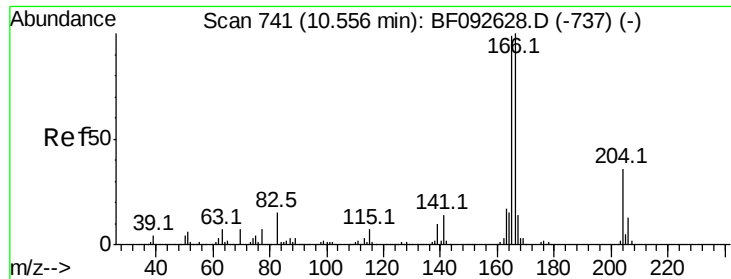
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#56
2,4-Dinitrotoluene
Concen: 40.85 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.5	40.2	60.4	
89	81.1	62.5	93.7	
182	2.4	1.8	2.8	





#57

Fluorene

Concen: 46.98 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

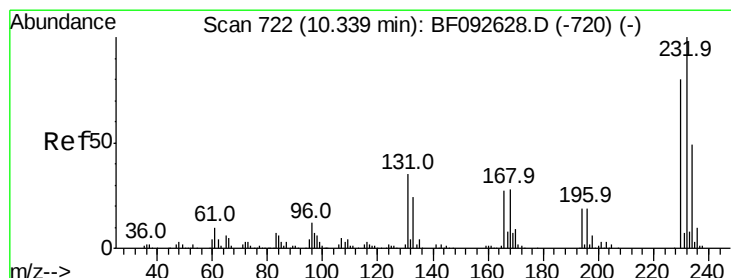
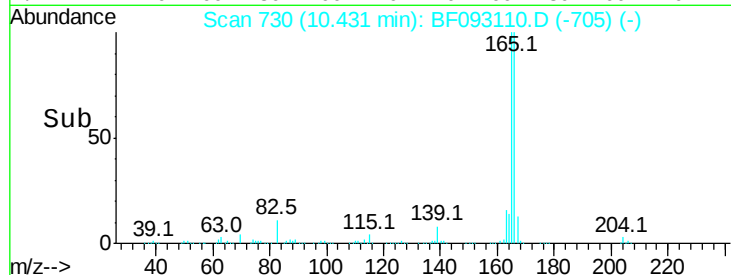
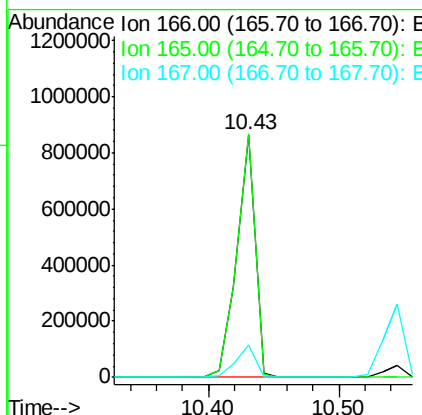
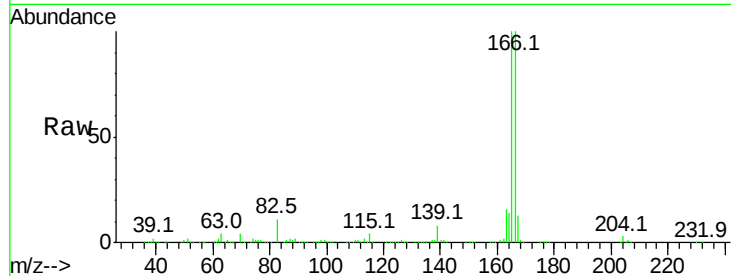
ClientSampleId :

SPARTA-FINE-SANDMS

Tot Ion:	166	Resp:	844320
Ion Ratio	Lower	Upper	
166	100		
165	100.2	77.8	116.8
167	13.3	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.75 ng

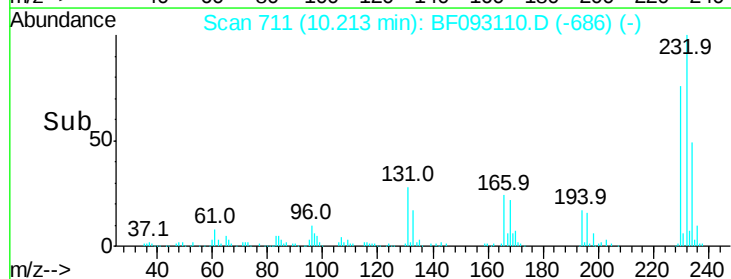
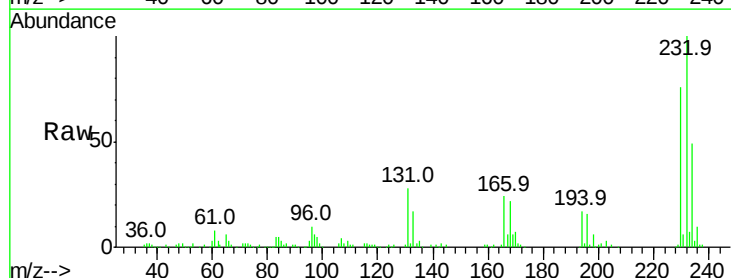
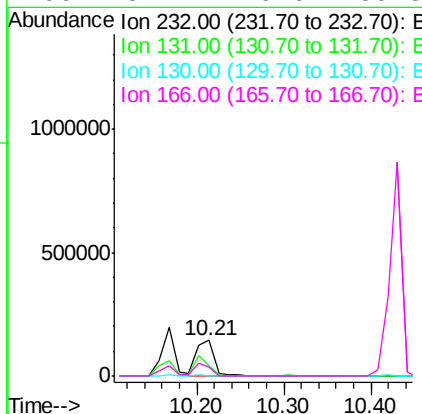
RT: 10.21 min Scan# 711

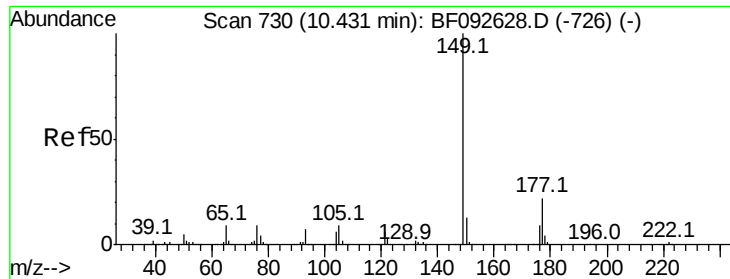
Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Tgt Ion:	232	Resp:	200227
Ion Ratio	Lower	Upper	
232	100		
131	46.8	40.1	60.1
130	2.0	1.8	2.8
166	32.4	26.6	39.8





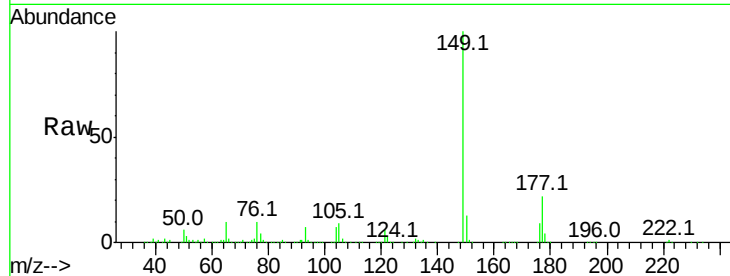
#59
Diethylphthalate
Concen: 44.98 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

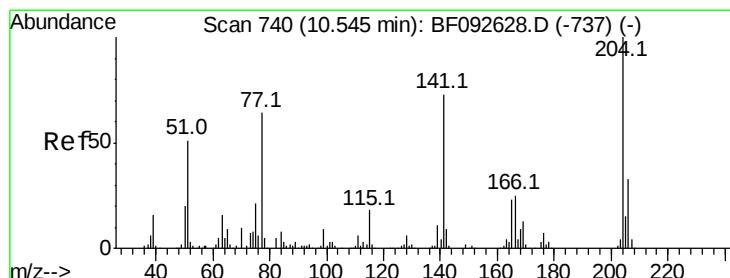
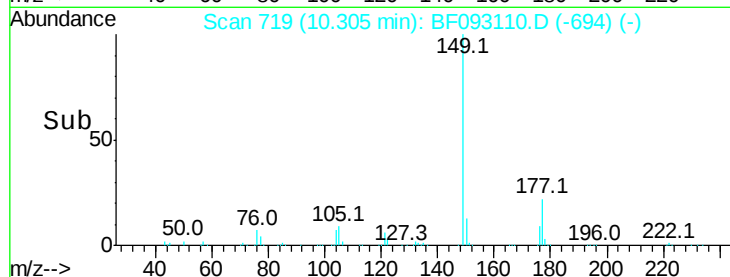
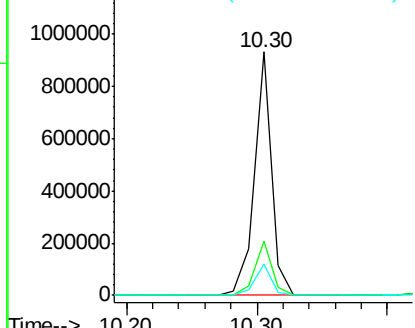
Tot Ion	Ratio	Resp	Lower	Upper
149	100	852447		
177	22.0		16.6	25.0
150	12.5		10.4	15.6

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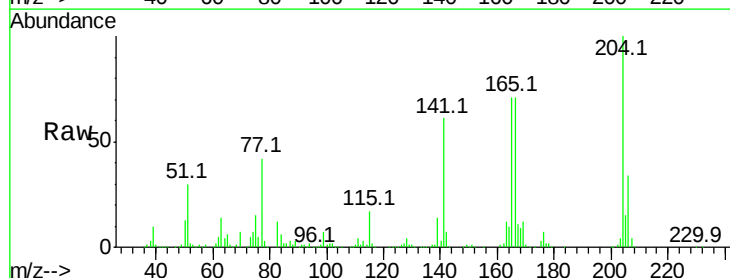


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

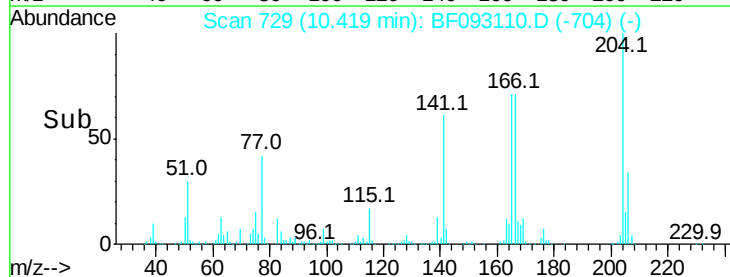
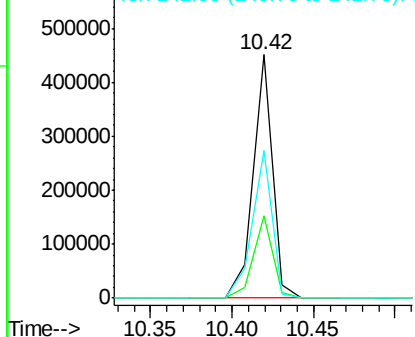


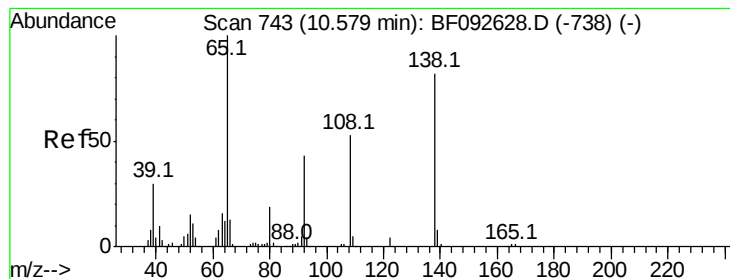
#60
4-Chlorophenyl-phenylether
Concen: 42.87 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	370124		
206	33.9		25.8	38.6
141	60.7		59.4	89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





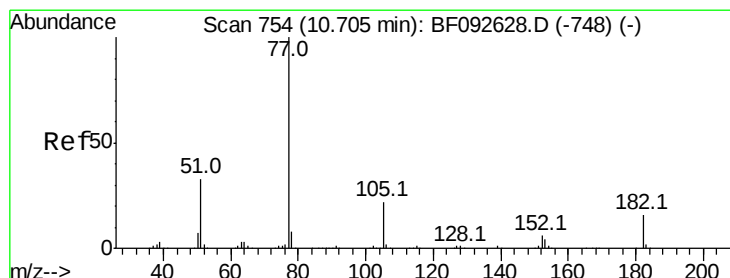
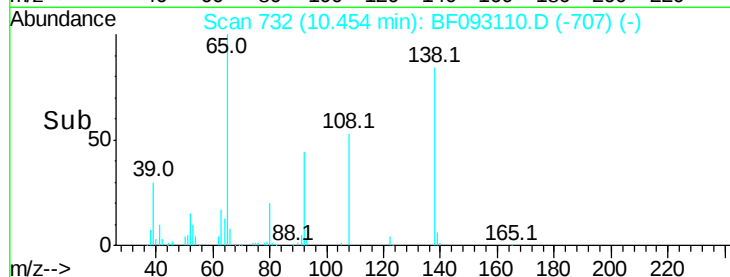
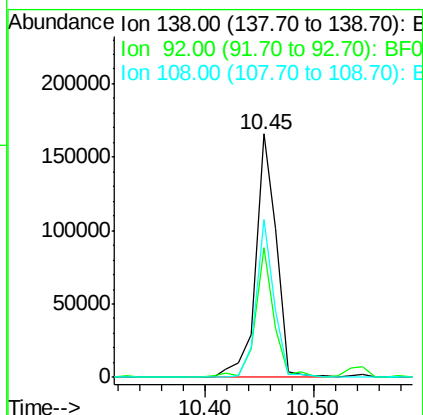
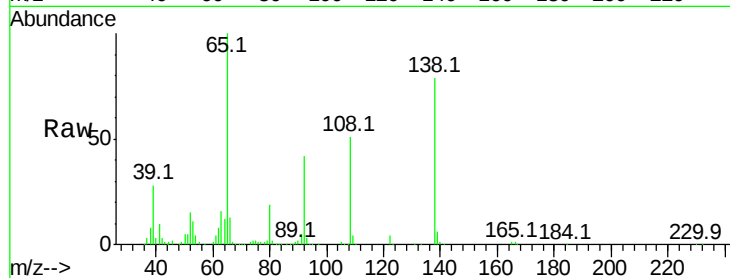
#61
4-Nitroaniline
Concen: 43.18 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.1	31.7	71.7
108	65.1	52.6	92.6

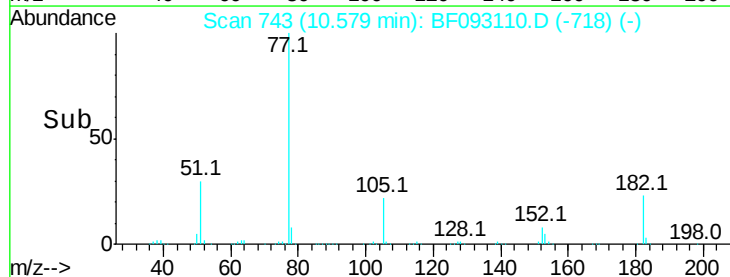
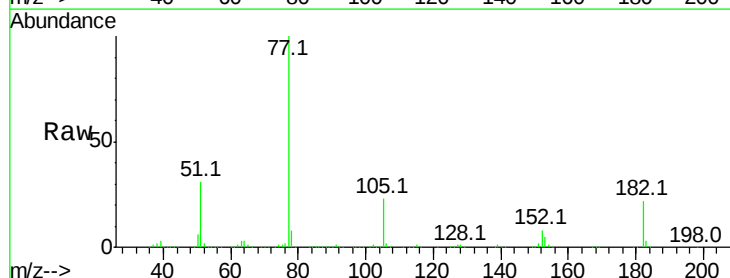
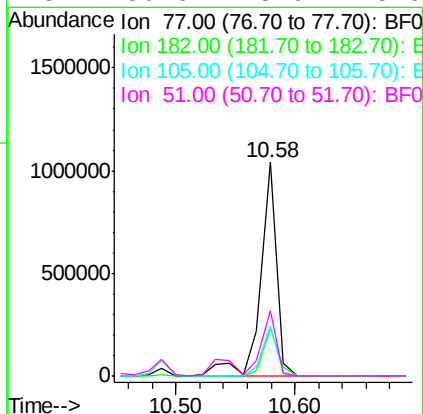
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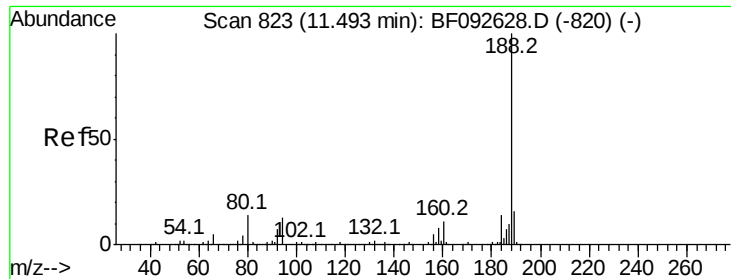
mohammad
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#62
Azobenzene
Concen: 51.13 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.3	0.0	39.3
105	23.5	2.3	42.3
51	30.6	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

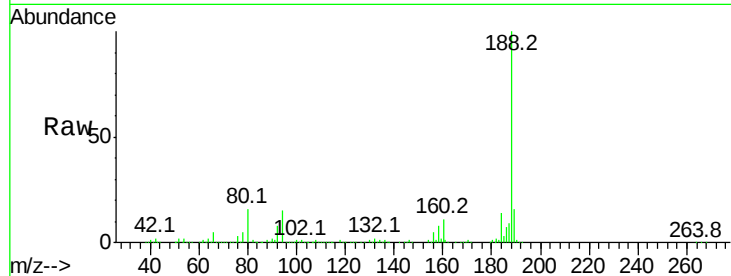
ClientSampleId :

SPARTA-FINE-SANDMS

Tot Ion:	188	Resp:	539143
Ion Ratio	Lower	Upper	
188	100		
94	14.6	10.0	15.0
80	16.2	11.2	16.8

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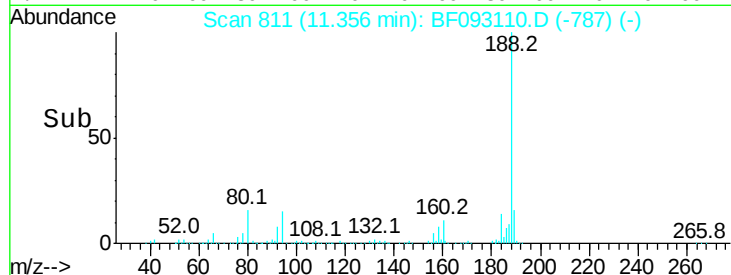


Abundance Ion 188.00 (187.70 to 188.70): E

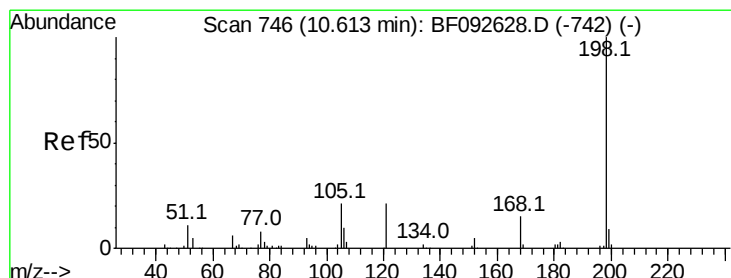
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 45.09 ng

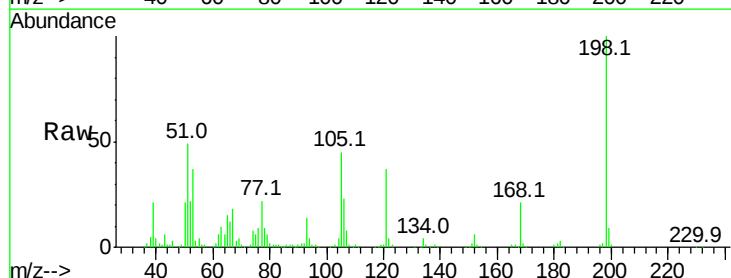
RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Tgt Ion:	198	Resp:	147394
Ion Ratio	Lower	Upper	
198	100		
51	49.1	6.7	46.7#
105	44.7	16.6	56.6

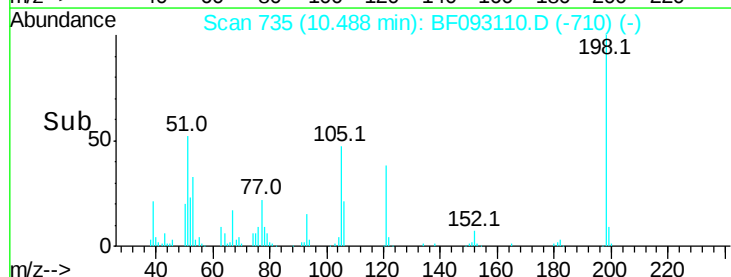


Abundance Ion 198.00 (197.70 to 198.70): E

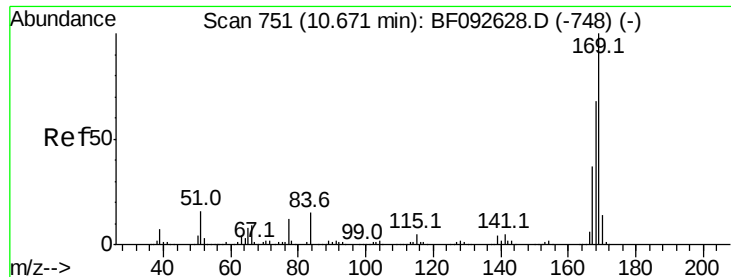
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



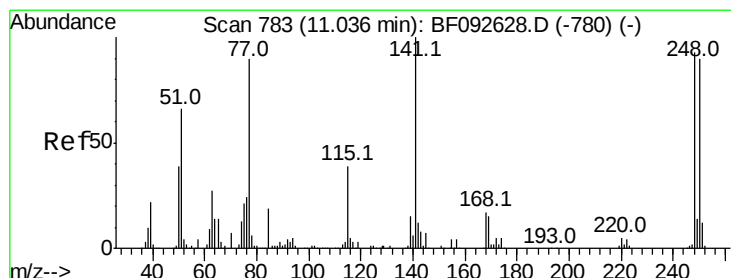
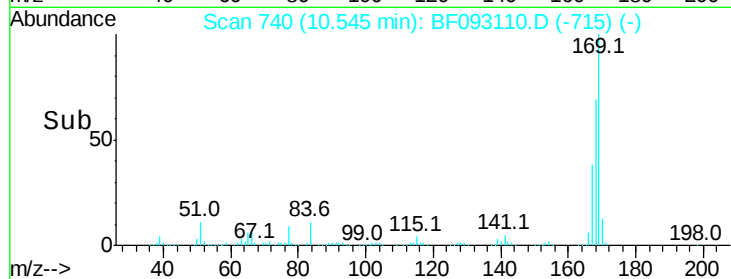
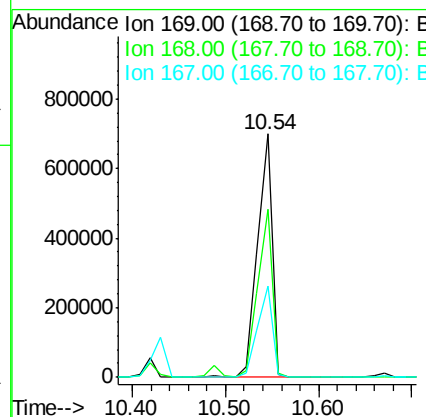
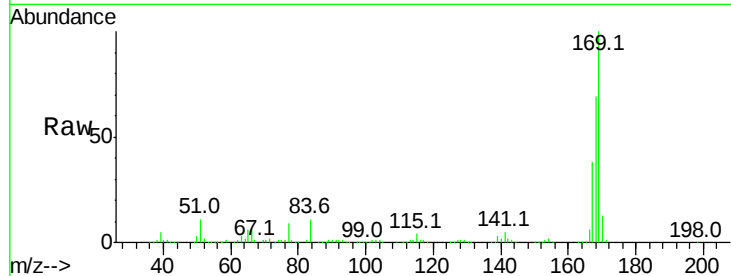
#65
 n-Nitrosodiphenylamine
 Concen: 43.85 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	755160		
168	69.2		54.2	81.2
167	37.6		30.2	45.4

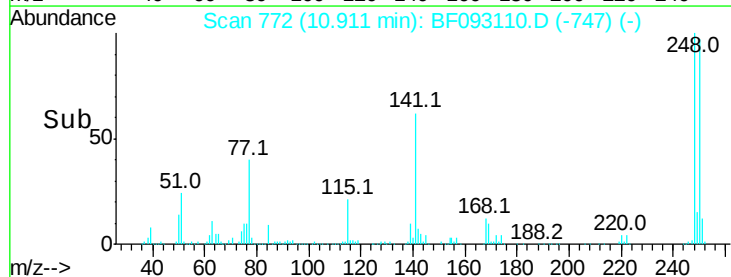
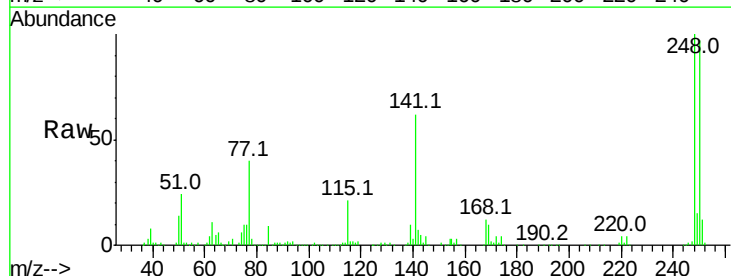
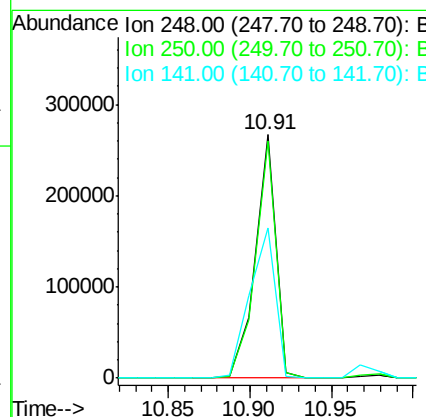
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#66
 4-Bromophenyl-phenylether
 Concen: 41.85 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	235714		
250	97.4		76.9	115.3
141	61.8		68.2	102.4#





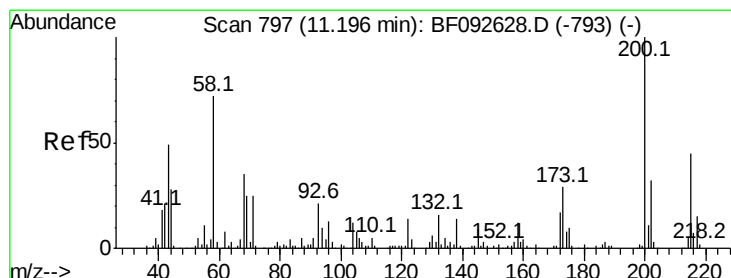
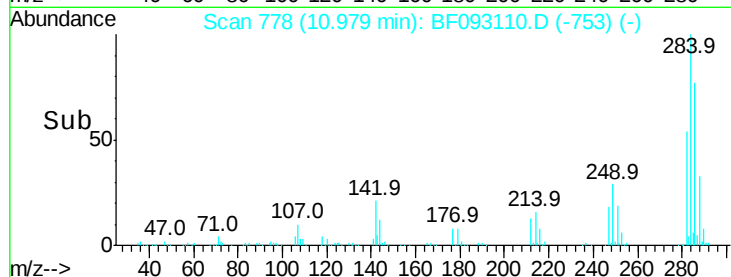
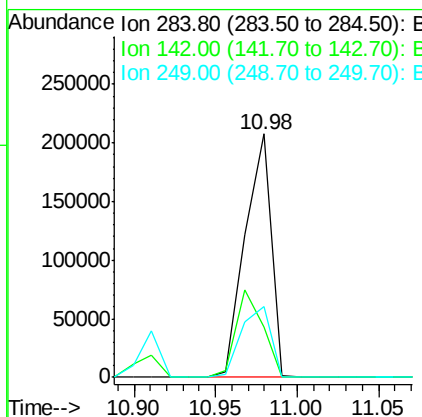
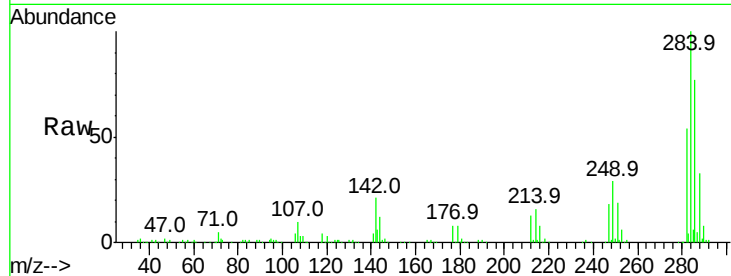
#67
Hexachlorobenzene
Concen: 41.46 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	230799		
142	20.8	22.6	33.8#	
249	29.3	25.4	38.0	

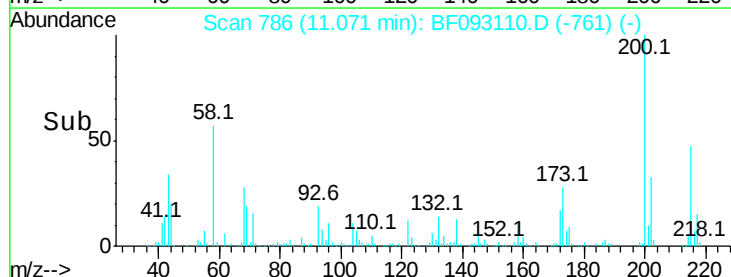
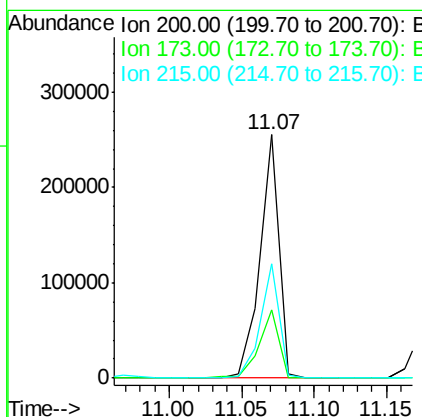
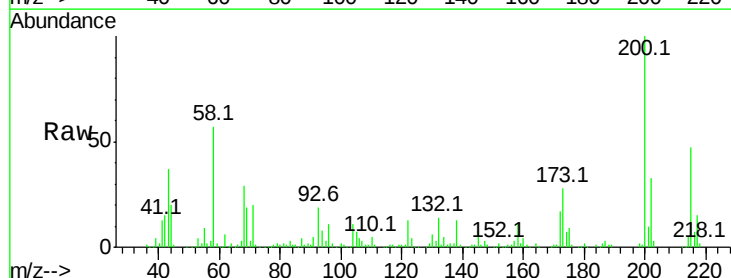
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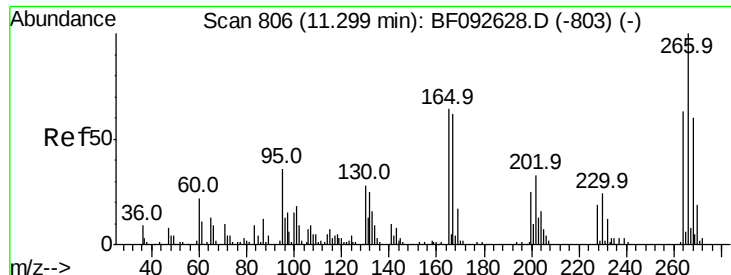
mohammad
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#68
Atrazine
Concen: 41.98 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	232014		
173	27.9	9.6	49.6	
215	46.9	25.7	65.7	





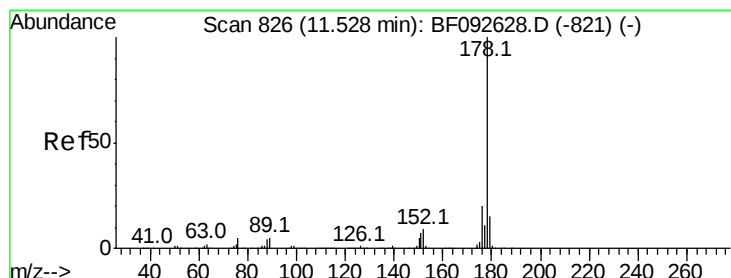
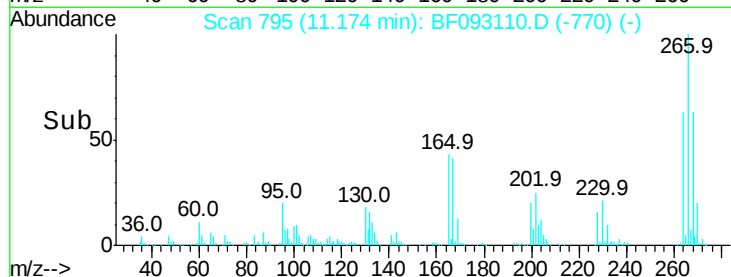
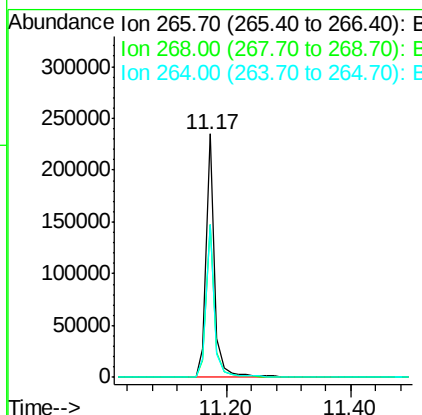
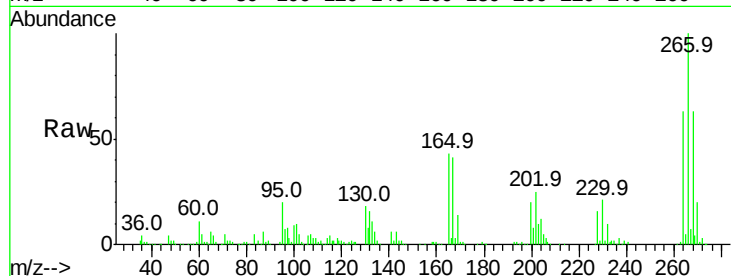
#69
 Pentachlorophenol
 Concen: 79.43 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	53.3	79.9
264	62.6	50.3	75.5

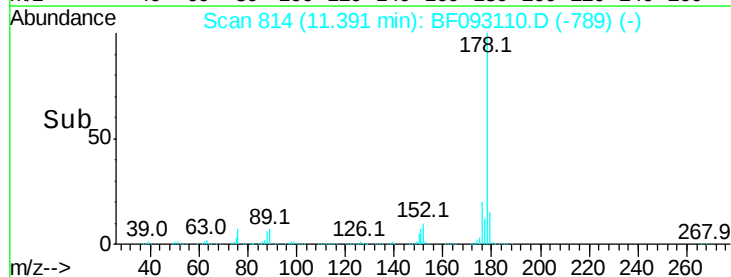
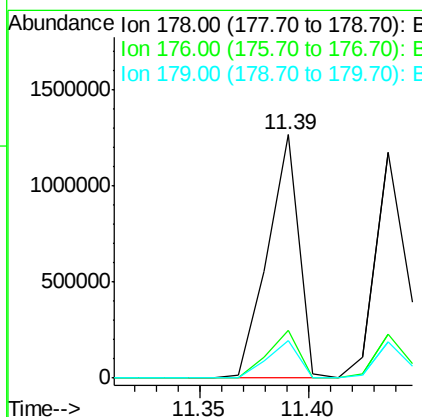
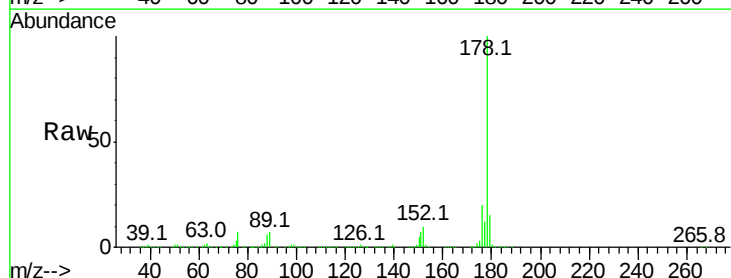
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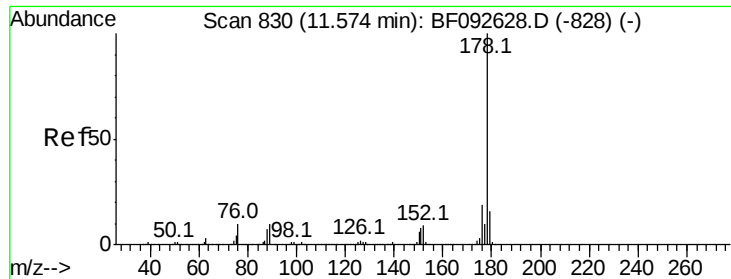
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#70
 Phenanthrene
 Concen: 41.41 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.3	12.8	19.2





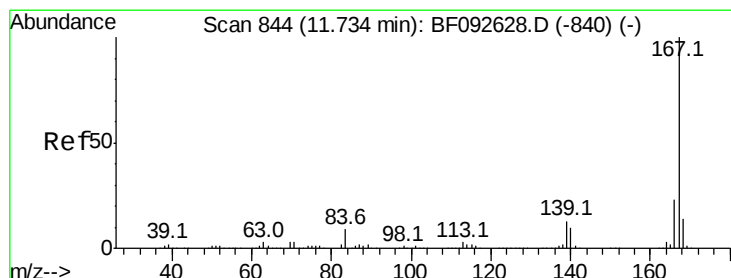
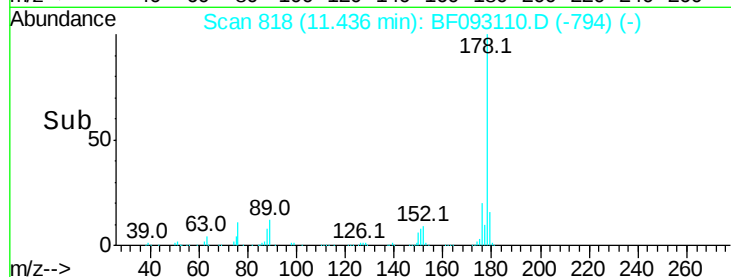
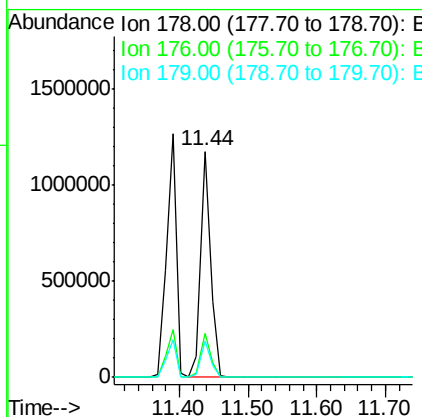
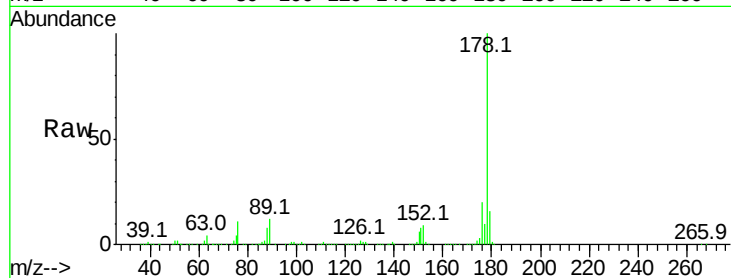
#71
 Anthracene
 Concen: 37.54 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

Tot Ion:178 Resp: 1164469
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.8 13.2 19.8

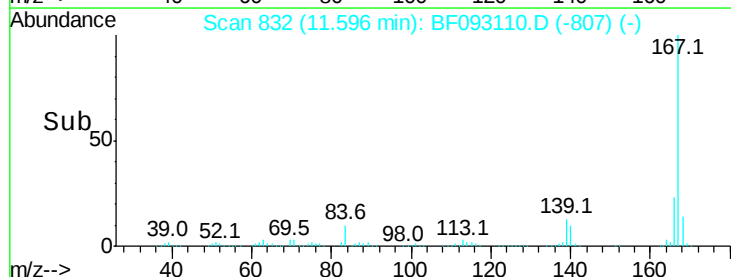
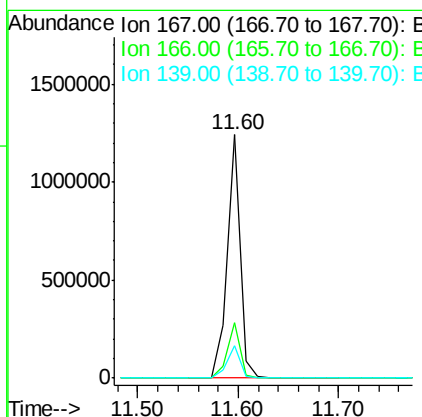
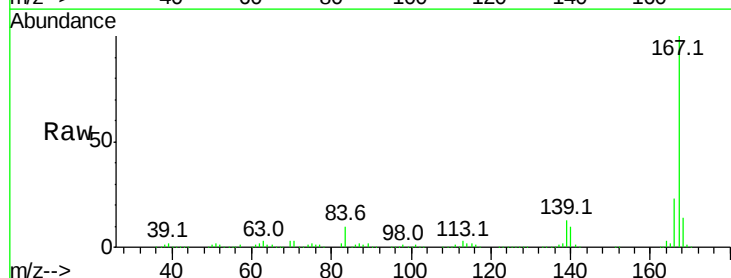
Manual Integrations
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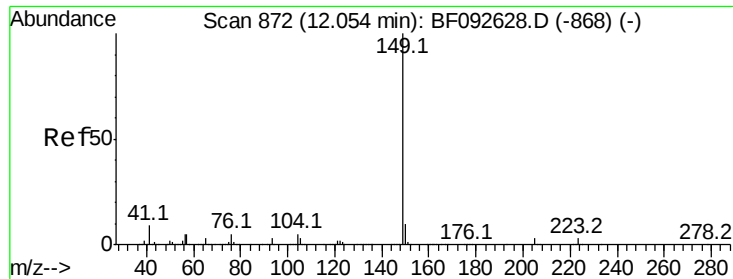
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#72
 Carbazole
 Concen: 37.56 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion:167 Resp: 1113839
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 13.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 45.46 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

ClientSampleId :

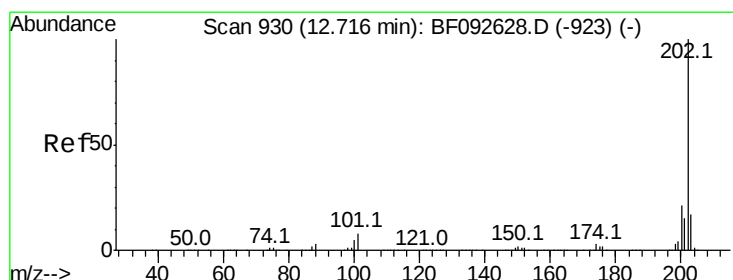
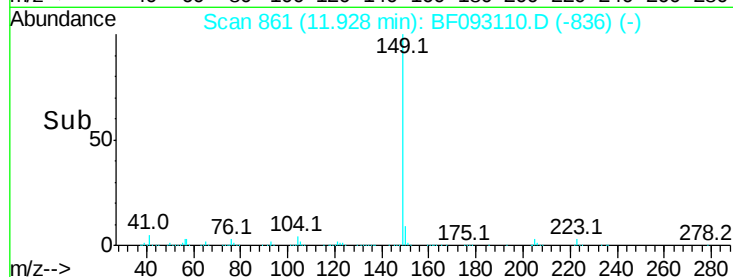
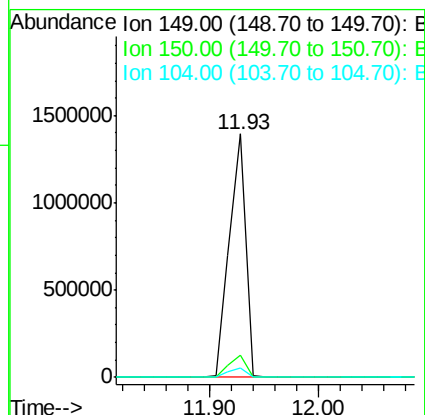
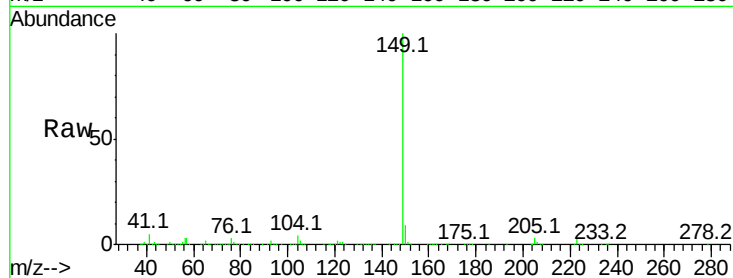
SPARTA-FINE-SANDMS

Tot Ion:149 Resp: 1457684

Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.1	12.1
104	3.8	4.6	7.0

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#74

Fluoranthene

Concen: 38.32 ng

RT: 12.57 min Scan# 917

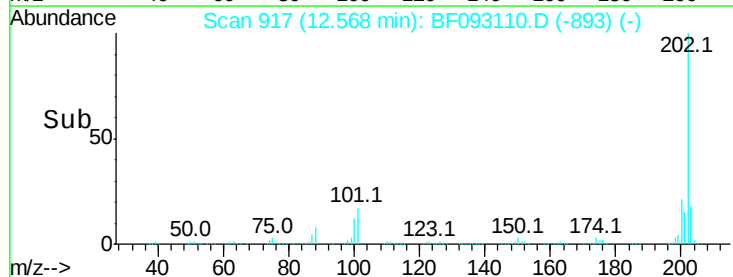
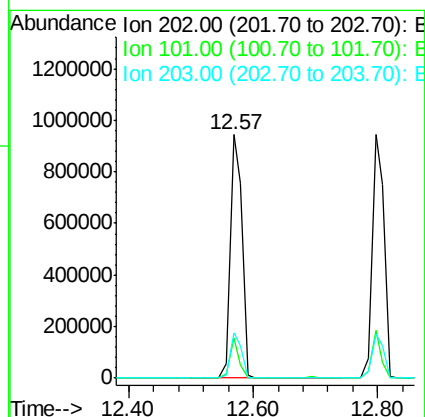
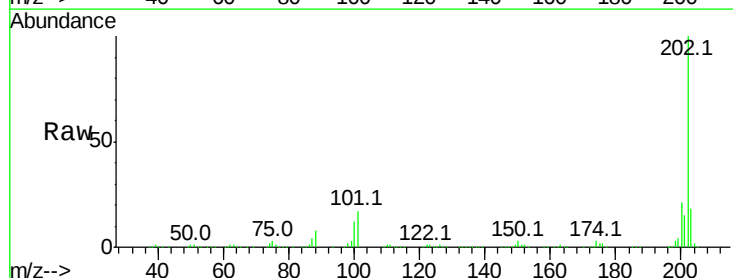
Delta R.T. -0.02 min

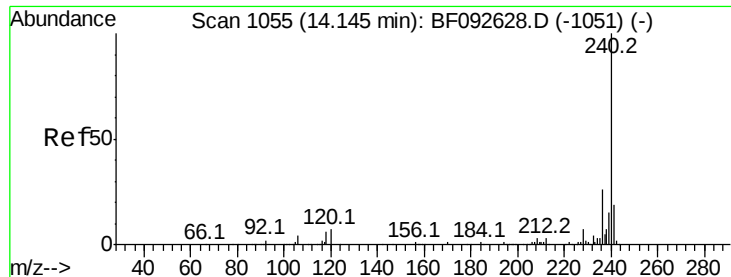
Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Tgt Ion:202 Resp: 1221060

Ion	Ratio	Lower	Upper
202	100		
101	16.6	0.0	34.6
203	18.4	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093110.D

Acq: 23 Feb 2017 17:57

Instrument :

BNA_F

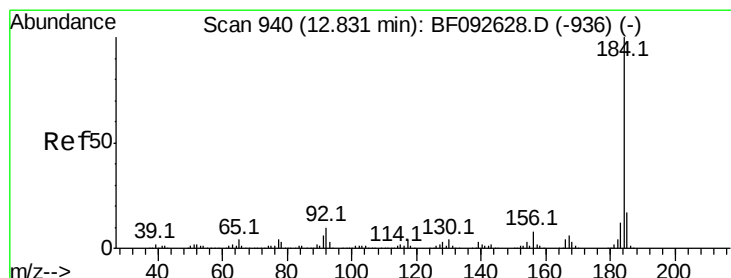
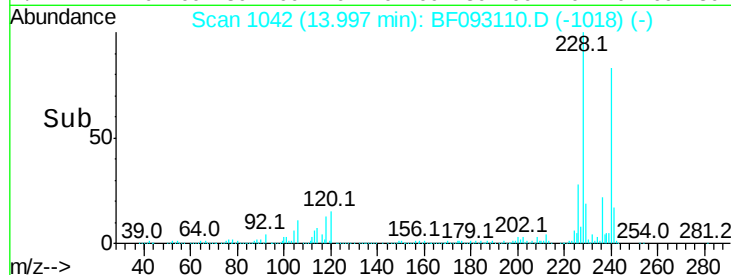
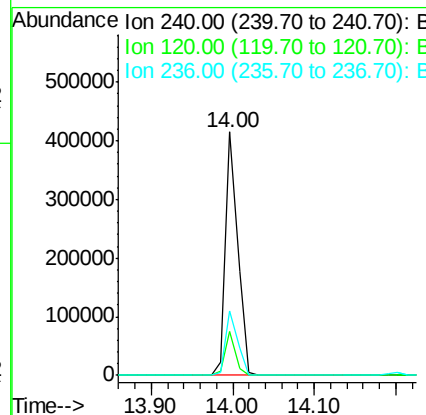
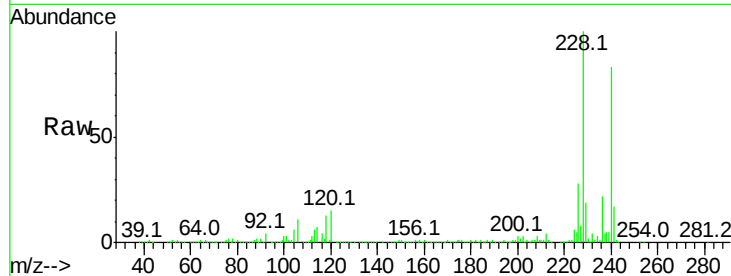
ClientSampleId :

SPARTA-FINE-SANDMS

Tot Ion:	240	Resp:	429178
Ion Ratio	Lower	Upper	
240	100		
120	18.2	12.9	19.3
236	26.4	20.9	31.3

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#76

Benzidine

Concen: 26.91 ng

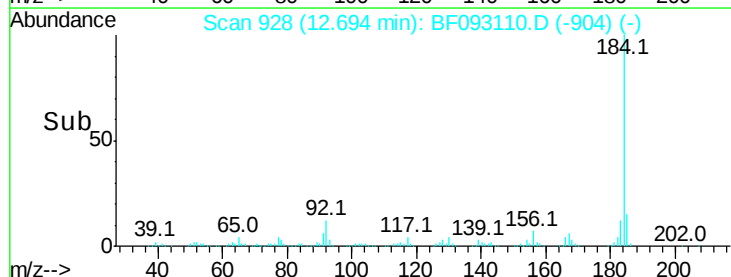
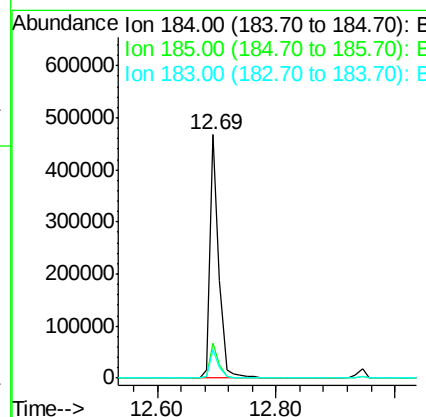
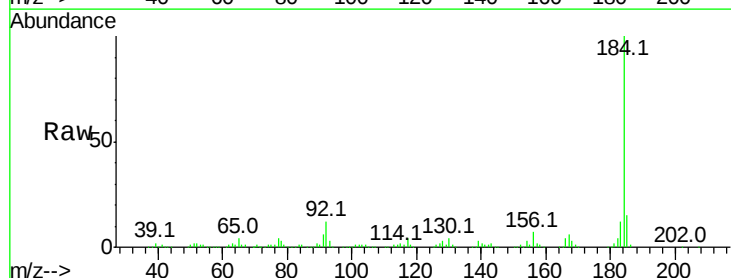
RT: 12.69 min Scan# 928

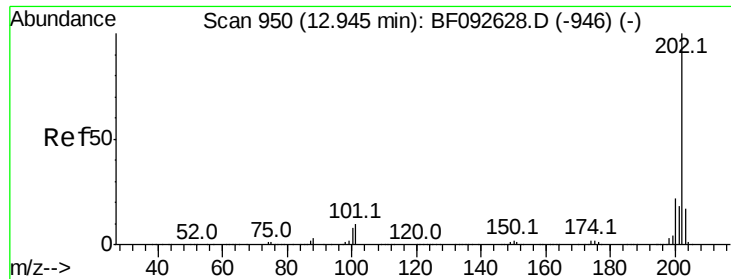
Delta R.T. -0.02 min

Lab File: BF093110.D

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Tgt Ion:	184	Resp:	492090
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.4	20.0
183	11.9	9.2	13.8





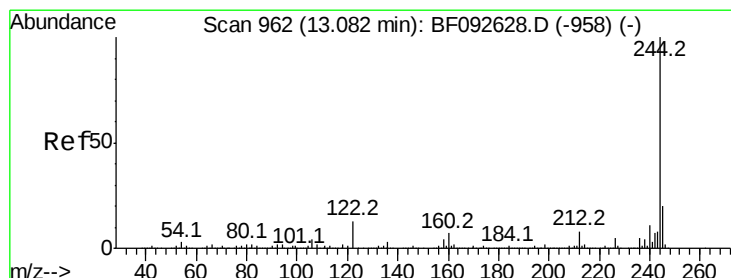
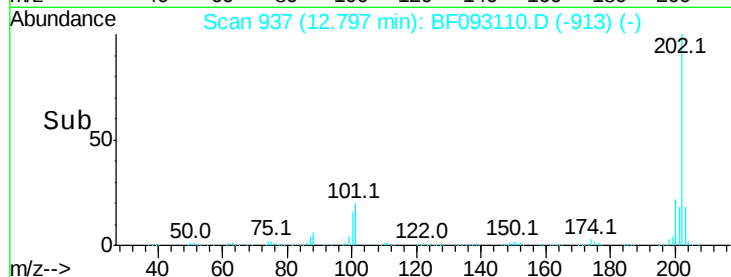
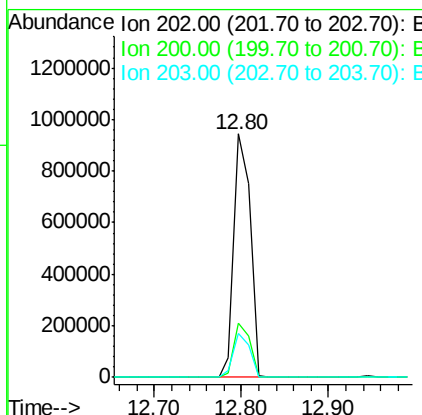
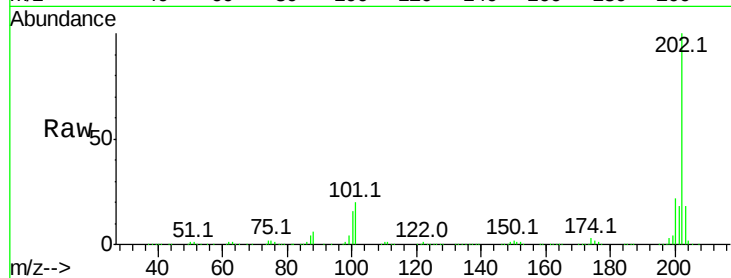
#77
Pvrene
Concen: 38.11 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion:202 Resp: 1223980
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 17.9 14.7 22.1

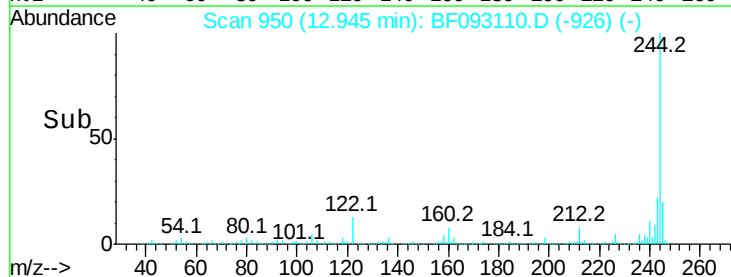
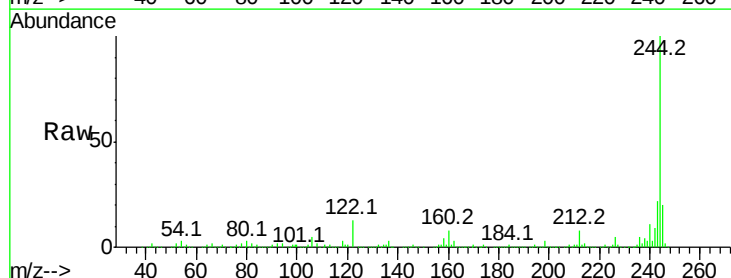
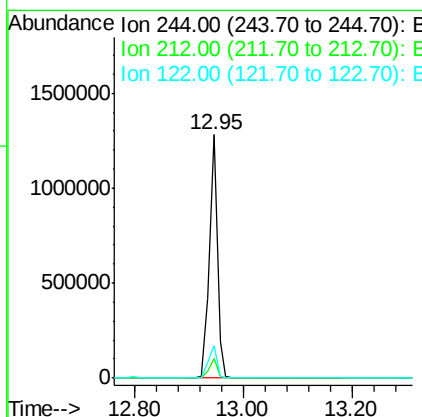
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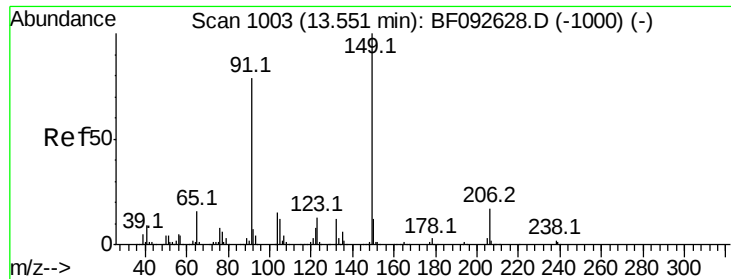
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#78
Terphenyl-d14
Concen: 72.30 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion:244 Resp: 1320545
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 13.5 11.4 17.2





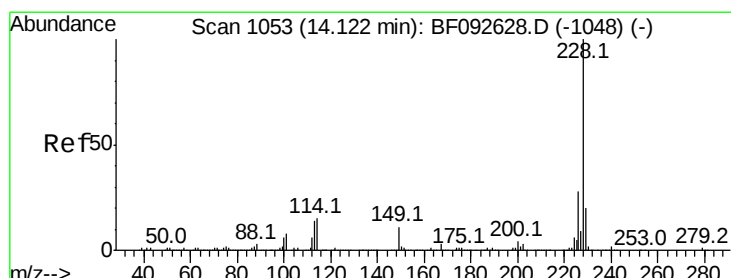
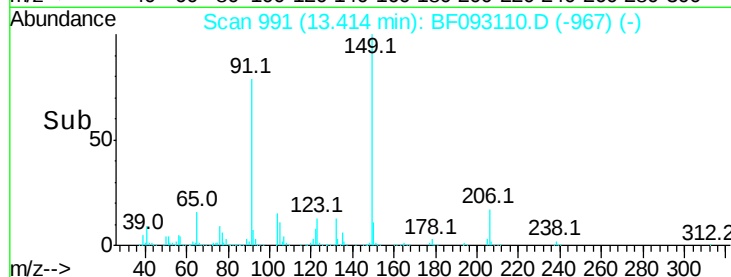
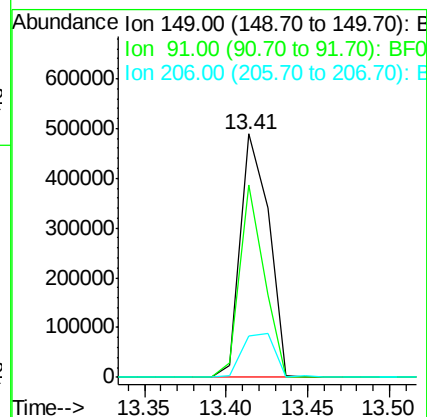
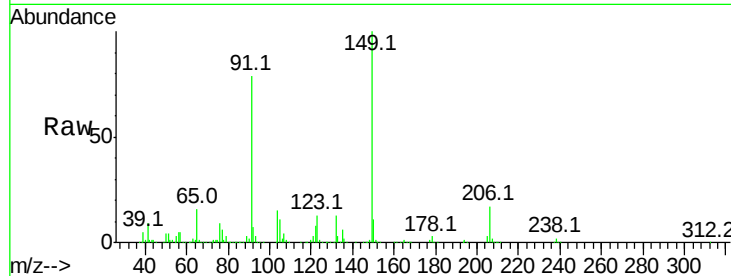
#79
Butylbenzylphthalate
Concen: 45.10 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.8	63.9	95.9
206	17.2	14.6	21.8

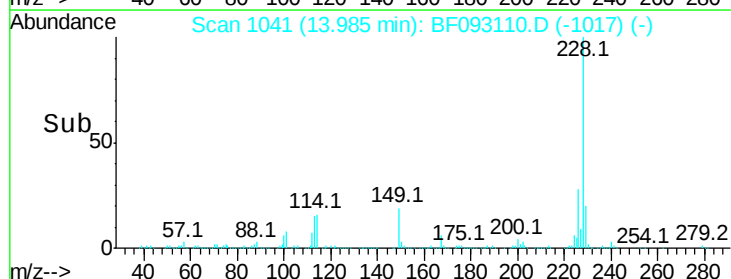
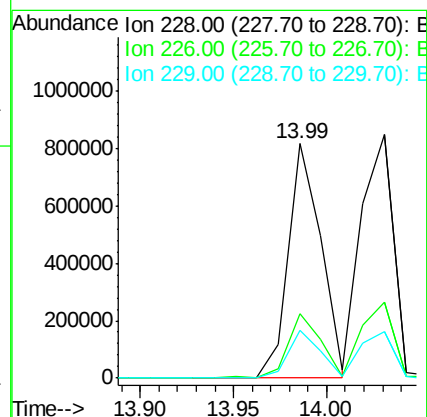
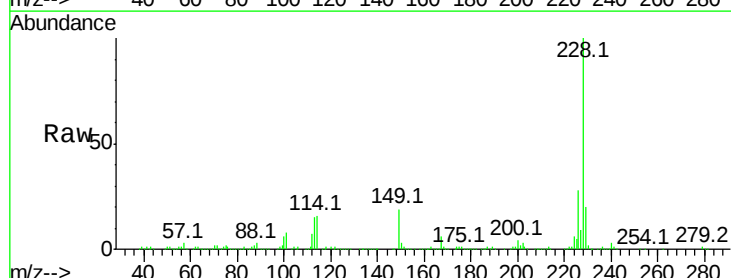
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#80
Benzo(a)anthracene
Concen: 38.16 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.4	33.6
229	20.4	16.2	24.4





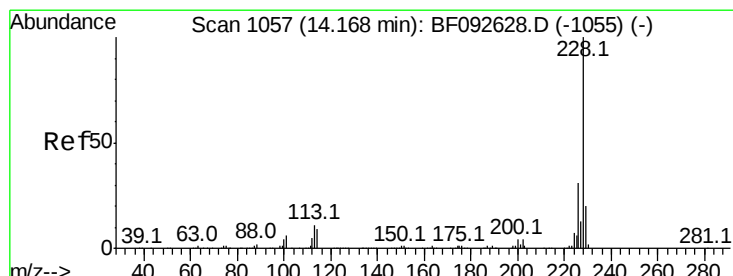
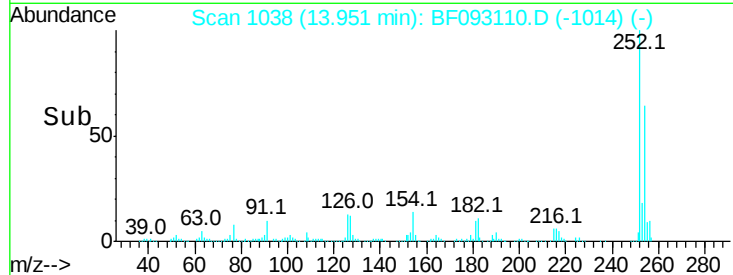
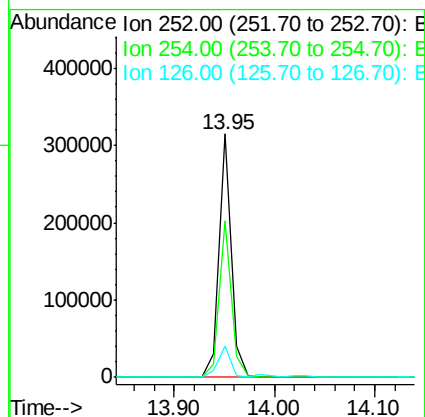
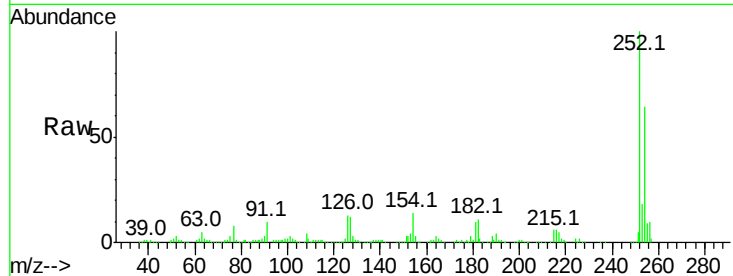
#81
 3,3'-Dichlorobenzidine
 Concen: 28.72 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.3	78.5
126	12.8	13.6	20.4

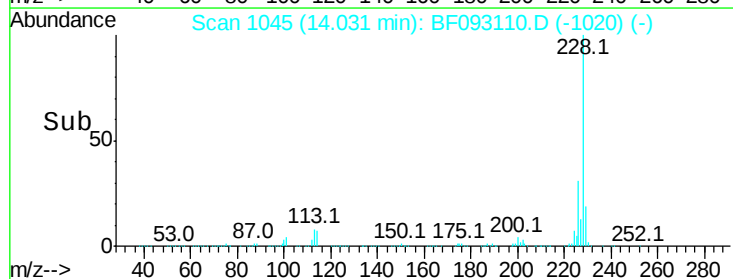
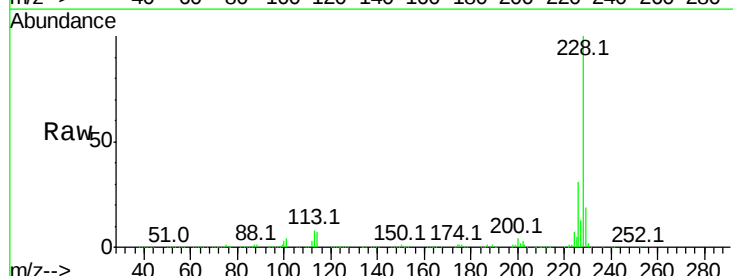
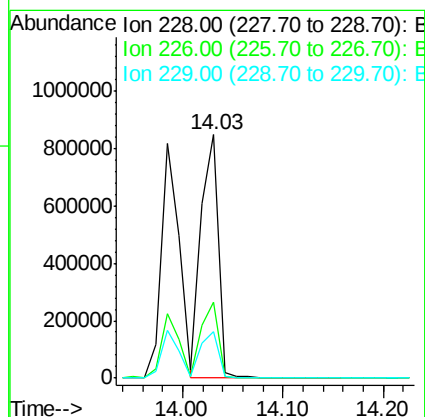
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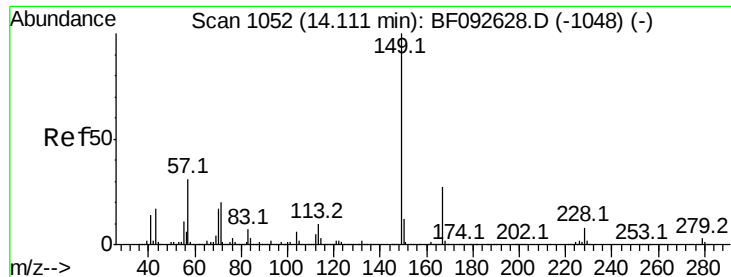
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#82
 Chrysene
 Concen: 41.77 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	19.3	16.2	24.2





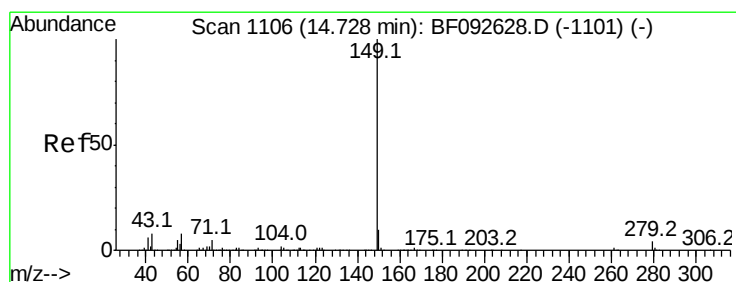
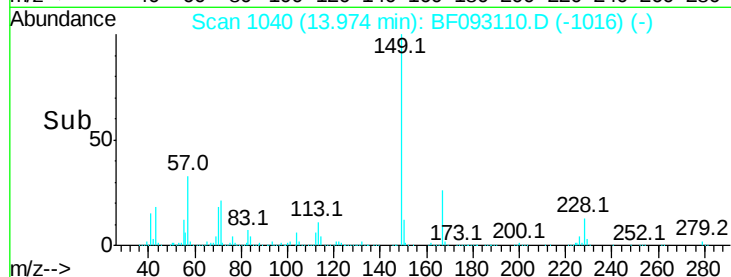
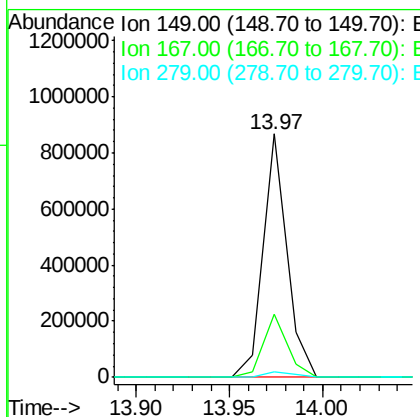
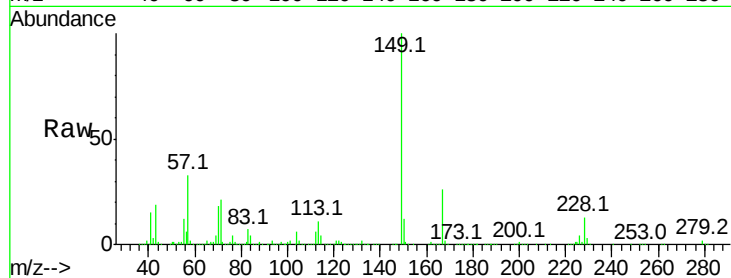
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.86 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	764582		
167	25.8	20.2	30.4	
279	2.4	1.8	2.8	

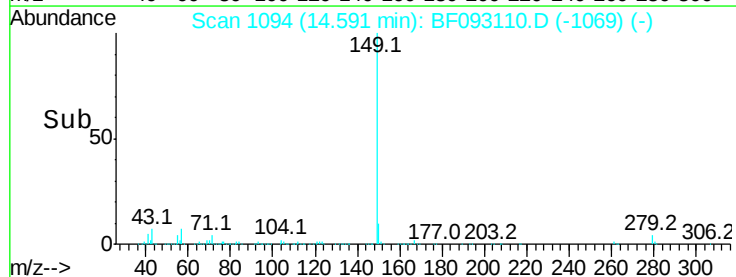
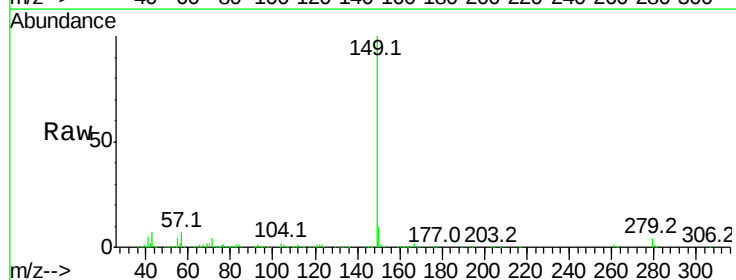
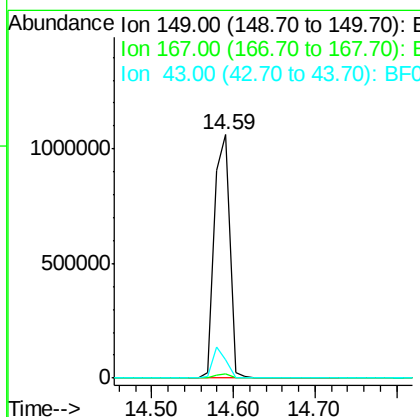
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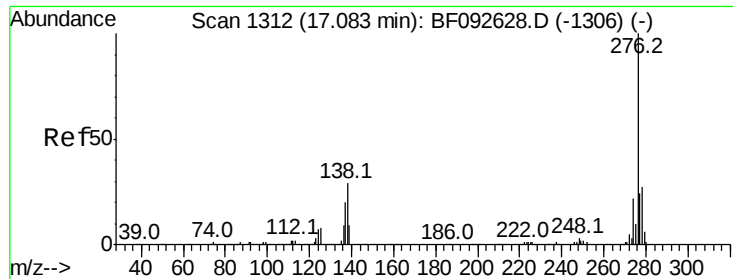
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#84
Di-n-octyl phthalate
Concen: 48.01 ng
RT: 14.59 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1394439		
167	1.5	1.3	1.9	
43	11.0	8.9	13.3	





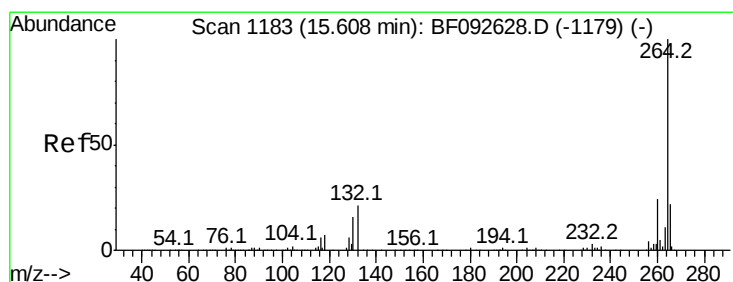
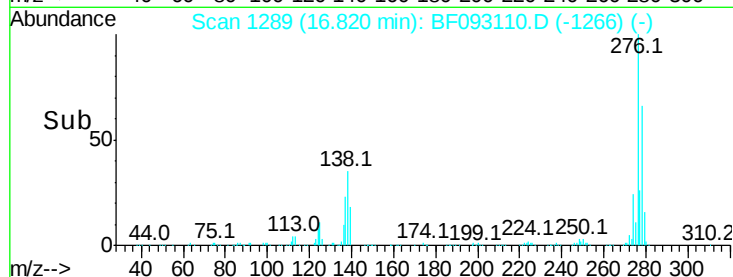
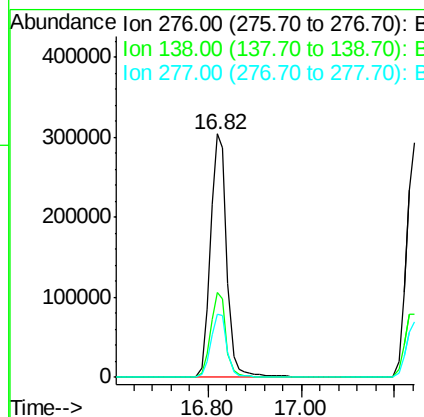
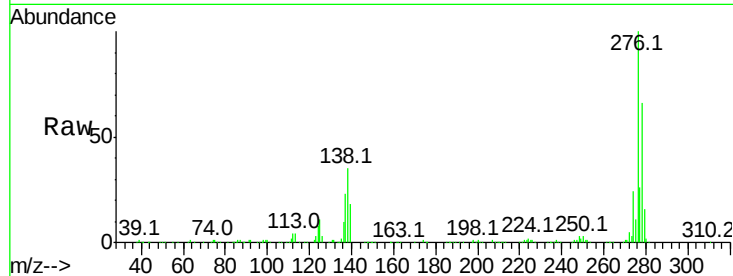
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.44 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	21.8	32.6#
277	25.5	20.2	30.4

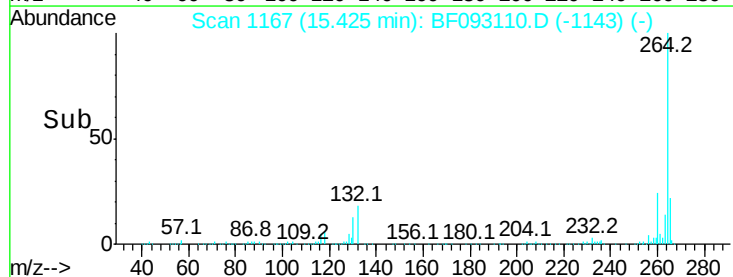
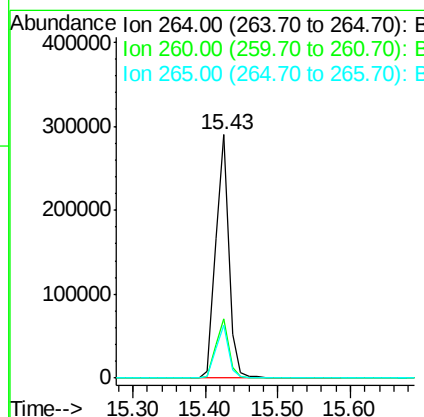
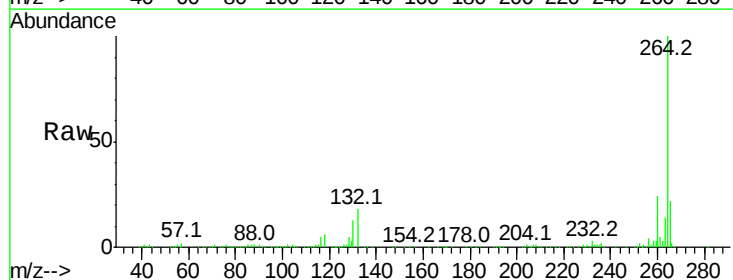
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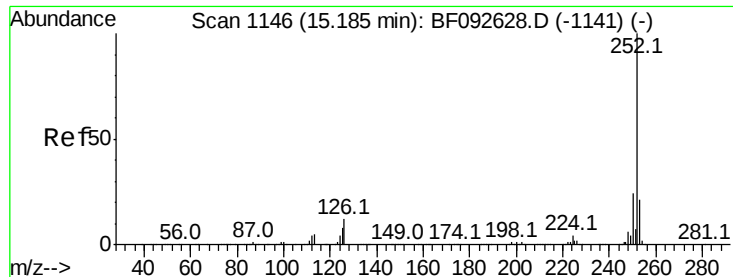
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.9	17.4	26.0





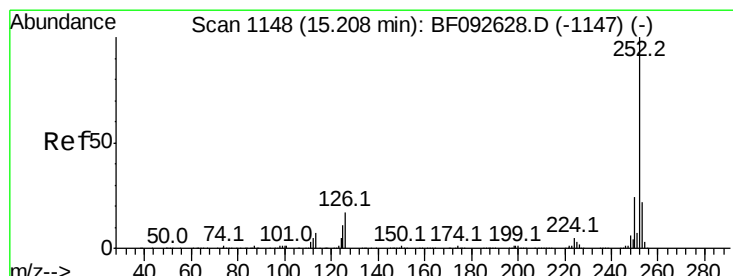
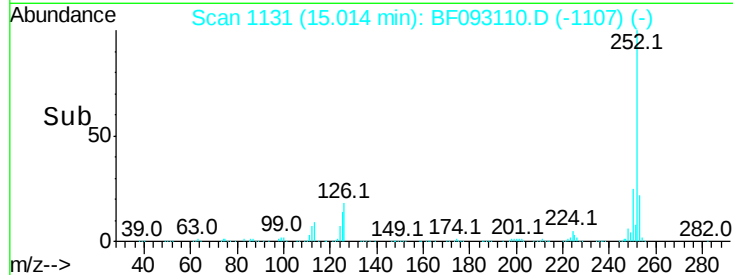
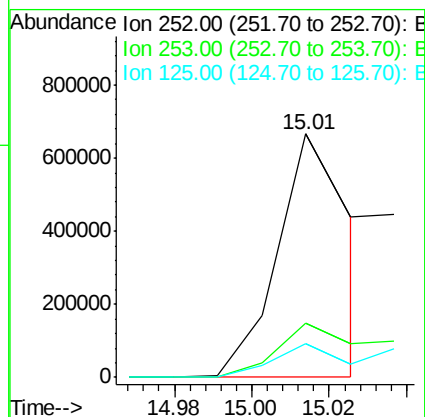
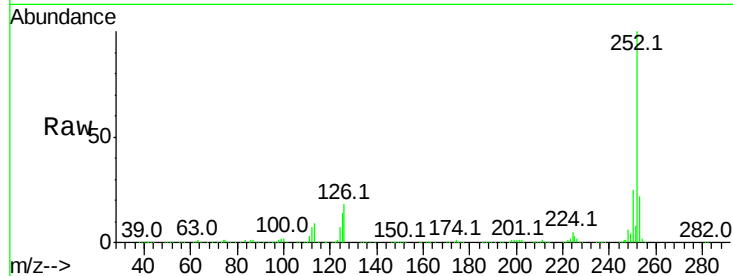
#87
Benzo(b)fluoranthene
Concen: 36.36 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	13.7	9.8	14.6

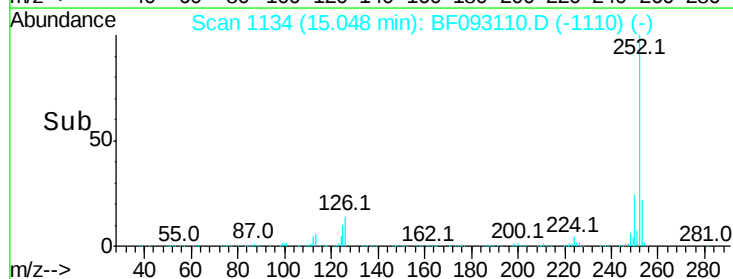
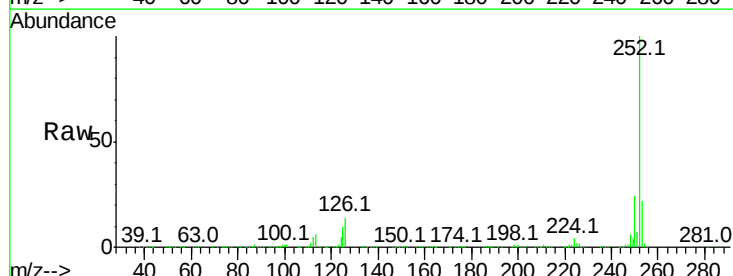
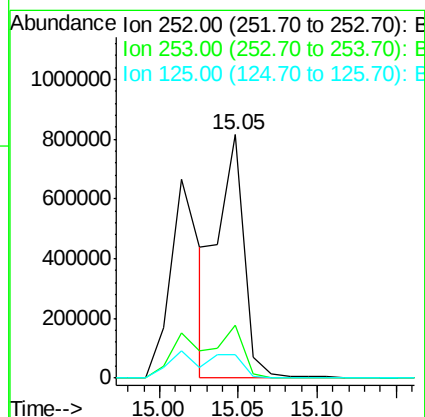
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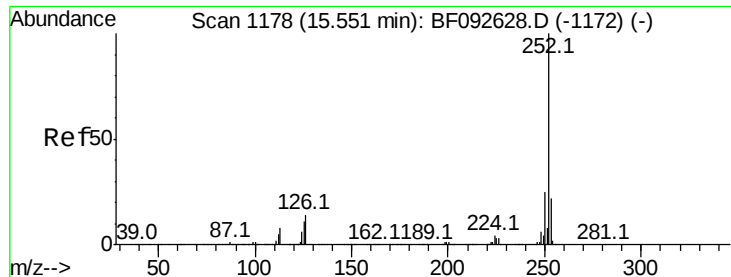
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#88
Benzo(k)fluoranthene
Concen: 44.94 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	9.7	8.9	13.3





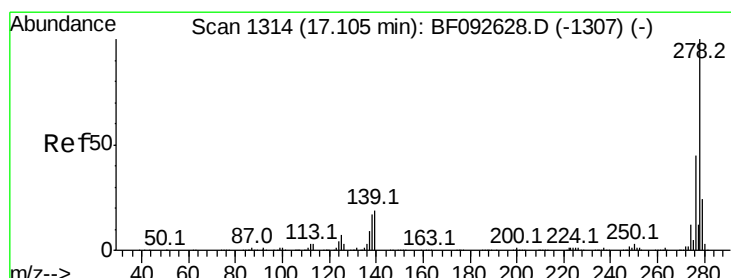
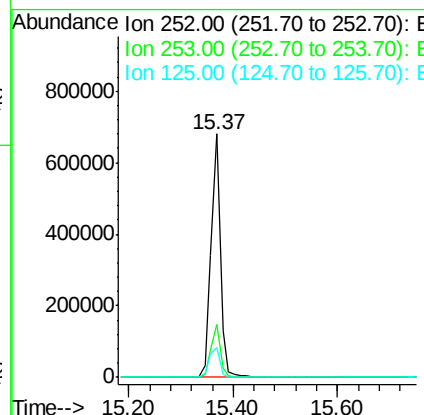
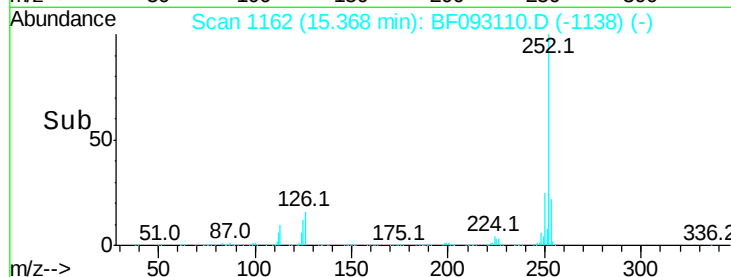
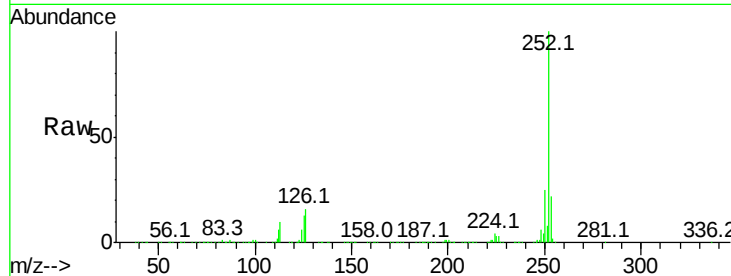
#89
Benzo(a)pyrene
Concen: 40.27 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SANDMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	12.5	10.0	15.0

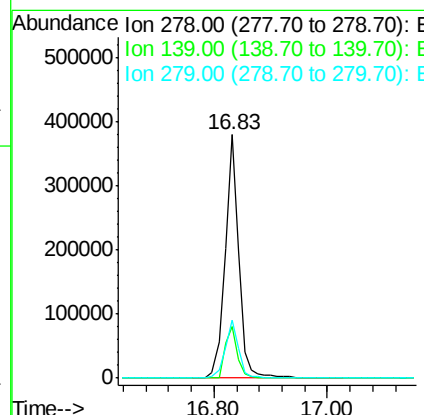
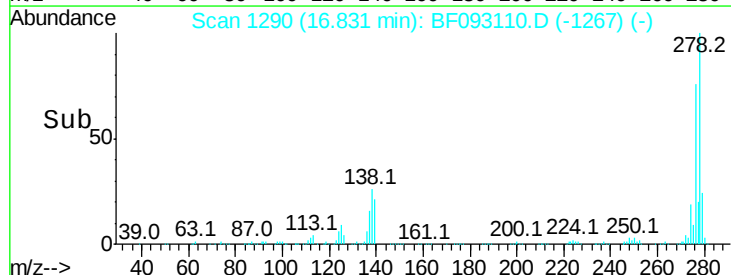
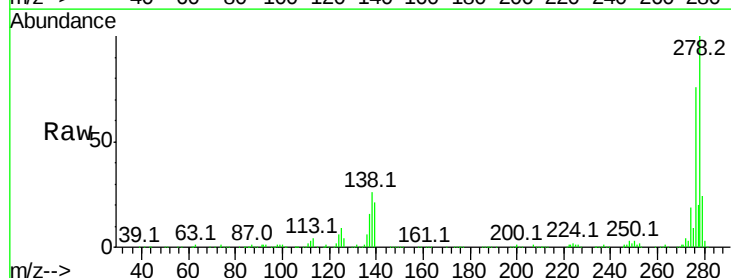
Manual Integrations
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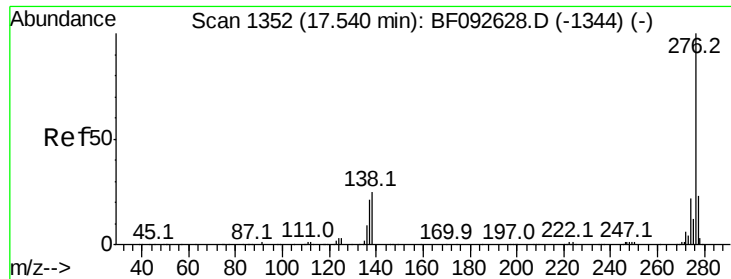
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 37.86 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093110.D
Acq: 23 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	14.8	22.2
279	23.9	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 36.65 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF093110.D
 Acq: 23 Feb 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SANDMS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.6	19.2	28.8	
138	27.0	16.0	24.0	

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