

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084627.D
 Acq On : 29 Jan 2016 10:34
 Operator : SJ/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

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 2/1/2016 2:23:37 PM

Quant Time: Jan 29 11:18:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 10:50:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	135820	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	654287	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	297343	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	527540	20.00	ng	0.00
75) Chrysene-d12	13.87	240	348974	20.00	ng	0.00
86) Perylene-d12	15.25	264	305595	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	643382	76.62	ng	0.00
7) Phenol-d6	6.37	99	782589	74.21	ng	0.00
23) Nitrobenzene-d5	7.30	82	954613	81.20	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	262698	87.51	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1521428	77.71	ng	0.00
78) Terphenyl-d14	12.83	244	1392651	89.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.22	88	173320	43.57	ng	# 73
3) Pyridine	2.91	79	474927	42.82	ng	# 74
4) n-Nitrosodimethylamine	2.85	42	241153	42.36	ng	# 80
6) Aniline	6.38	93	507723	32.91	ng	# 44
8) 2-Chlorophenol	6.51	128	391401	41.08	ng	94
9) Benzaldehyde	6.27	77	230659	33.59	ng	98
10) Phenol	6.38	94	449684	37.50	ng	# 68
11) bis(2-Chloroethyl)ether	6.46	93	331892	35.73	ng	# 80
12) 1,3-Dichlorobenzene	6.66	146	386395m	39.32	ng	
13) 1,4-Dichlorobenzene	6.74	146	419861	42.60	ng	98
14) 1,2-Dichlorobenzene	6.90	146	488921	51.80	ng	97
15) Benzyl Alcohol	6.88	79	349926	39.44	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	721934	42.68	ng	85
17) 2-Methylphenol	7.00	107	367992	46.09	ng	94
18) Hexachloroethane	7.24	117	197837	50.20	ng	# 90
19) n-Nitroso-di-n-propylamine	7.15	70	301503	42.23	ng	# 75
20) 3+4-Methylphenols	7.15	107	436991	46.56	ng	# 68
22) Acetophenone	7.14	105	653893	41.56	ng	# 96
24) Nitrobenzene	7.31	77	442951	37.15	ng	91
25) Isophorone	7.56	82	885495	39.38	ng	95
26) 2-Nitrophenol	7.63	139	233440	43.02	ng	# 82
27) 2,4-Dimethylphenol	7.68	122	366387	33.36	ng	97
28) bis(2-Chloroethoxy)methane	7.78	93	501511	36.52	ng	# 97
29) 2,4-Dichlorophenol	7.88	162	371520	40.60	ng	93
30) 1,2,4-Trichlorobenzene	7.96	180	401986	42.56	ng	# 92
31) Naphthalene	8.03	128	1193238	40.20	ng	98
32) Benzoic acid	7.81	122	320964	49.52	ng	93
33) 4-Chloroaniline	8.09	127	485353	35.66	ng	97
34) Hexachlorobutadiene	8.16	225	243340	44.81	ng	99
35) Caprolactam	8.46	113	100758	32.67	ng	# 42
36) 4-Chloro-3-methylphenol	8.58	107	400477	39.07	ng	94
37) 2-Methylnaphthalene	8.73	142	834644	39.17	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	362320	42.39	ng	100
40) Hexachlorocyclopentadiene	8.88	237	179959	34.87	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	242004	37.84	nq	94
43) 2,4,5-Trichlorophenol	9.05	196	252903	41.25	nq #	88
45) 1,1'-Biphenyl	9.20	154	1113770	47.13	nq	95
46) 2-Chloronaphthalene	9.22	162	788437	42.47	nq #	86
47) 2-Nitroaniline	9.31	65	219912	35.89	nq	99
48) Acenaphthylene	9.63	152	1230624	44.87	nq	99
49) Dimethylphthalate	9.50	163	872328	41.04	nq #	90
50) 2,6-Dinitrotoluene	9.56	165	207895	44.59	nq	98
51) Acenaphthene	9.80	154	852285	46.33	nq	97
52) 3-Nitroaniline	9.72	138	191902	33.22	nq	96
53) 2,4-Dinitrophenol	9.82	184	102765	74.24	nq #	63
54) Dibenzofuran	9.97	168	990690	36.77	nq	100
55) 4-Nitrophenol	9.89	139	149477	35.65	nq #	75
56) 2,4-Dinitrotoluene	9.96	165	270884	45.91	nq #	87
57) Fluorene	10.30	166	774610	37.21	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	191467	36.58	nq	92
59) Diethylphthalate	10.19	149	863612	41.21	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	359905	42.91	nq	93
61) 4-Nitroaniline	10.34	138	232490	45.15	nq	89
62) Azobenzene	10.46	77	877137	38.16	nq	89
64) 4,6-Dinitro-2-methylphenol	10.36	198	137041	47.86	nq #	64
65) n-Nitrosodiphenylamine	10.43	169	725394	43.01	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	261118	45.99	nq #	92
67) Hexachlorobenzene	10.85	284	250102	39.13	nq #	85
68) Atrazine	10.96	200	201063	36.43	nq	98
69) Pentachlorophenol	11.05	266	126502	38.18	nq	98
70) Phenanthrene	11.27	178	1071183	38.82	nq	97
71) Anthracene	11.32	178	1260828	46.61	nq	99
72) Carbazole	11.48	167	1057272	39.98	nq	98
73) Di-n-butylphthalate	11.81	149	1195727	40.81	nq #	96
74) Fluoranthene	12.45	202	1211765	42.04	nq	95
76) Benzidine	12.58	184	625018	49.95	nq	96
77) Pyrene	12.68	202	1192960	43.56	nq	99
79) Butylbenzylphthalate	13.31	149	493321	41.63	nq #	91
80) Benzo(a)anthracene	13.86	228	868577	42.39	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	321397	44.94	nq	100
82) Chrysene	13.91	228	872366	44.30	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	625426	41.77	nq	98
84) Di-n-octyl phthalate	14.48	149	936172	37.04	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	726374	46.54	nq	100
87) Benzo(b)fluoranthene	14.88	252	813737m	40.71	nq	
88) Benzo(k)fluoranthene	14.90	252	636589m	38.94	nq	
89) Benzo(a)pyrene	15.20	252	674215	39.76	nq #	96
90) Dibenzo(a,h)anthracene	16.58	278	613208	42.03	nq	96
91) Benzo(g,h,i)perylene	16.96	276	622837	41.22	nq	100

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

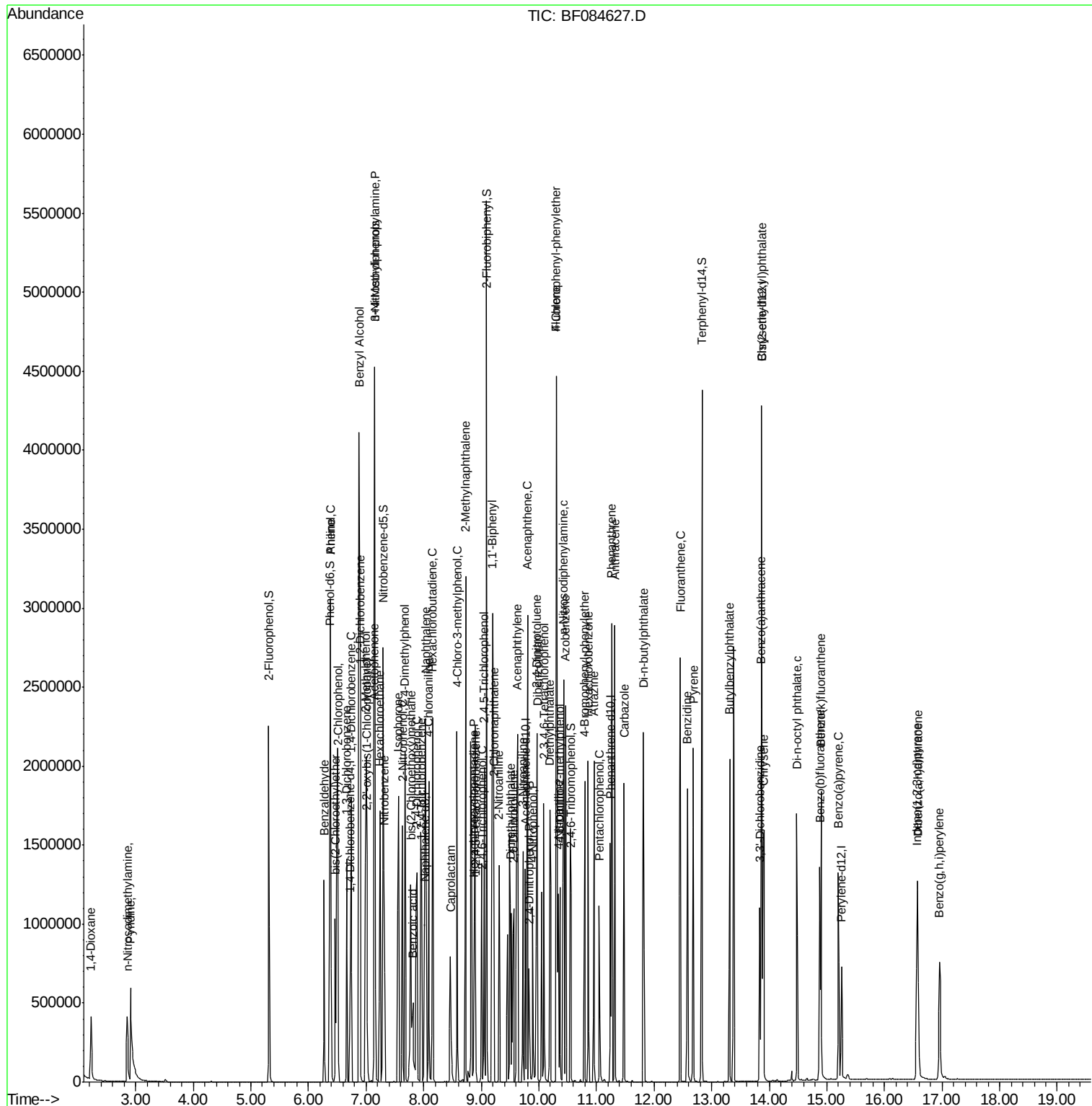
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\  
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Acq On    : 29 Jan 2016   10:34  
Operator  : SJ/IZ  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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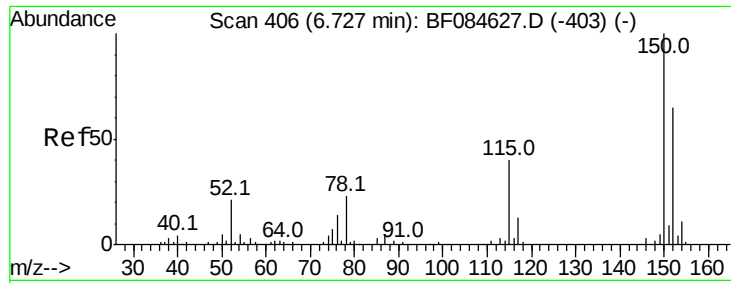
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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#1

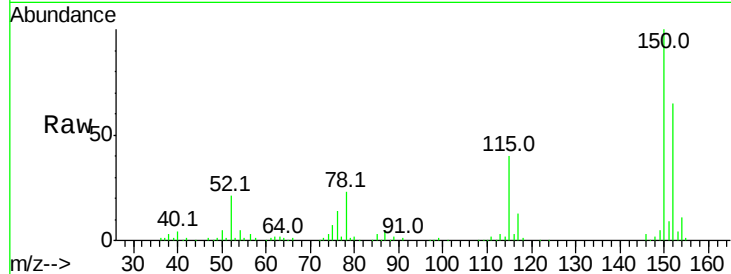
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

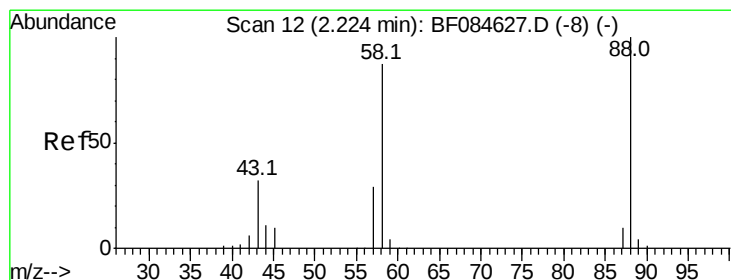
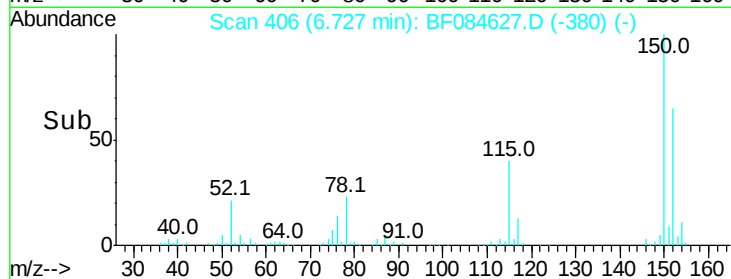
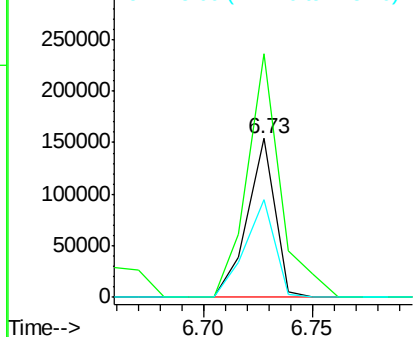
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.0	184.4
115	61.5	51.4	77.2

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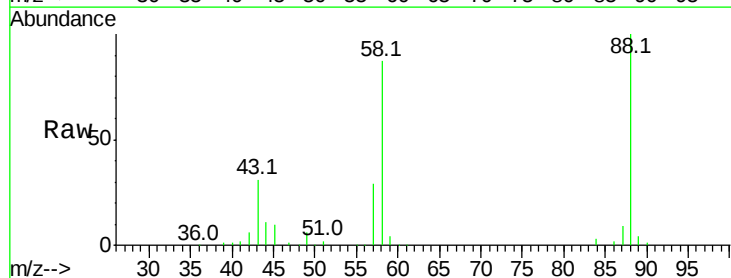
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



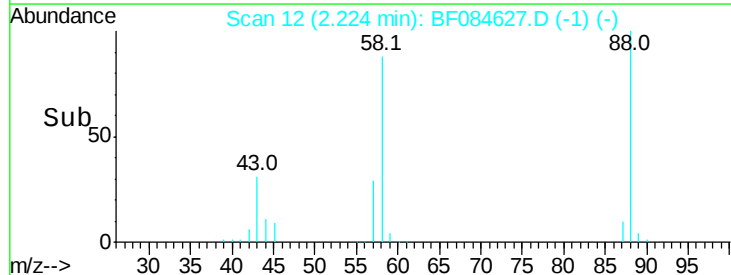
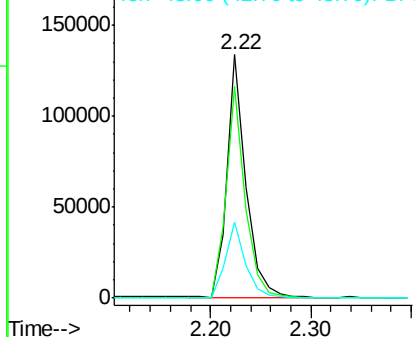
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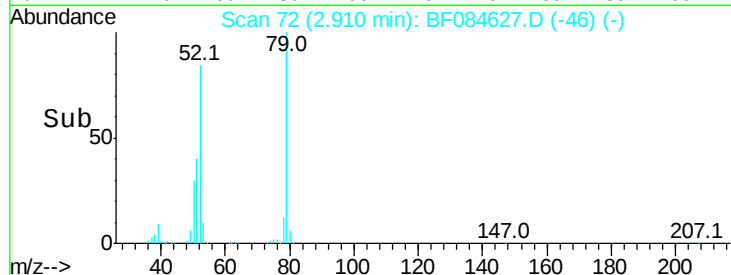
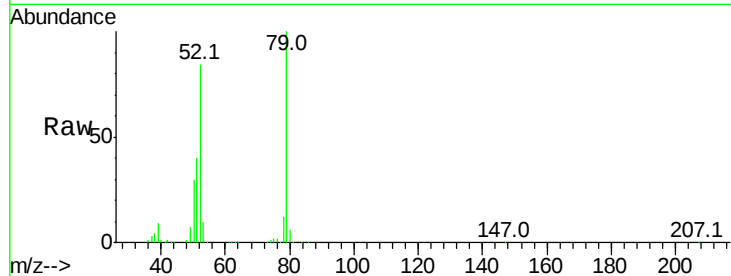
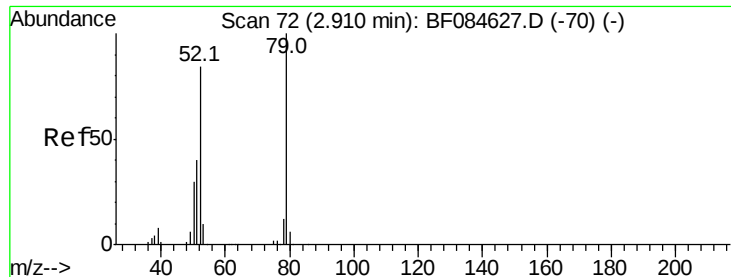
1,4-Dioxane
Concen: 43.57 ng
RT: 2.22 min Scan# 12
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.3	51.2	76.8#
43	33.3	19.5	29.3#



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





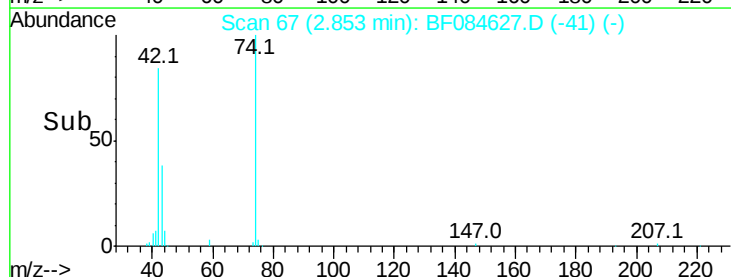
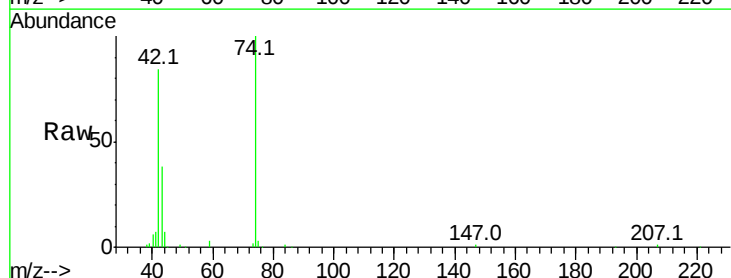
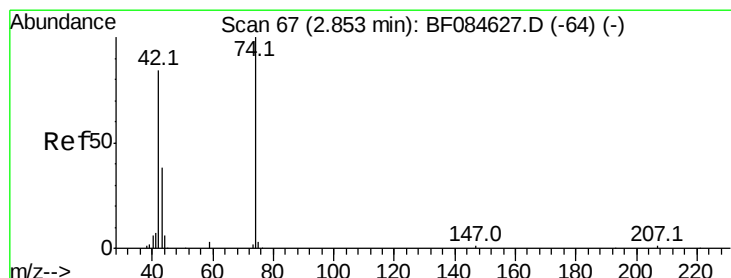
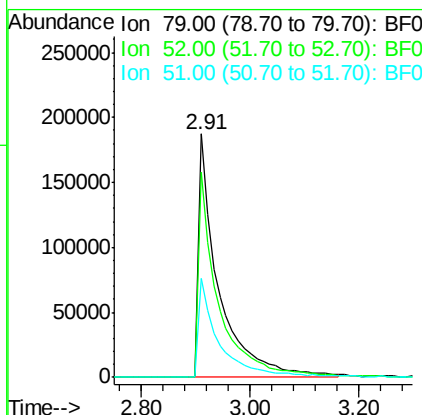
#3
 Pvridine
 Concen: 42.82 ng
 RT: 2.91 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.5	49.0	73.4#
51	40.4	25.2	37.8#

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

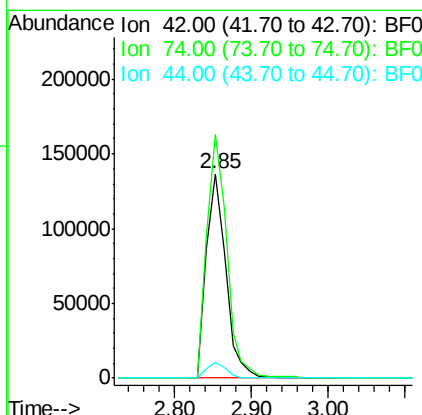
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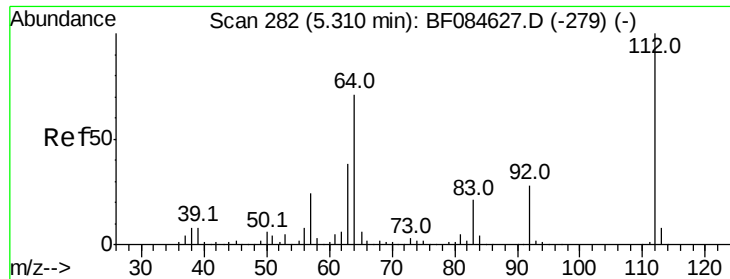
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#4
 n-Nitrosodimethylamine
 Concen: 42.36 ng
 RT: 2.85 min Scan# 67
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.2	115.7	173.5
44	7.8	5.1	7.7#





#5

2-Fluorophenol

Concen: 76.62 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

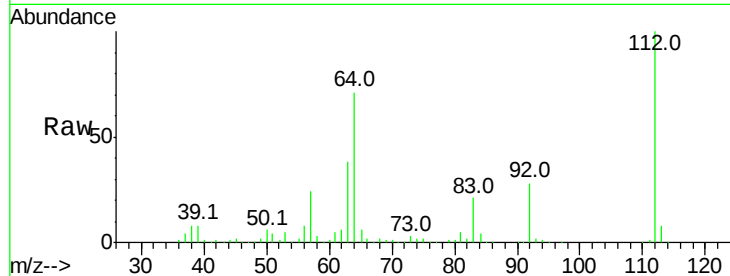
ClientSampleId :

SSTDICCC040

Tot Ion:	112	Resp:	643382
Ion Ratio	Lower	Upper	
112	100		
64	70.5	36.6	55.0#
63	38.0	19.4	29.0#

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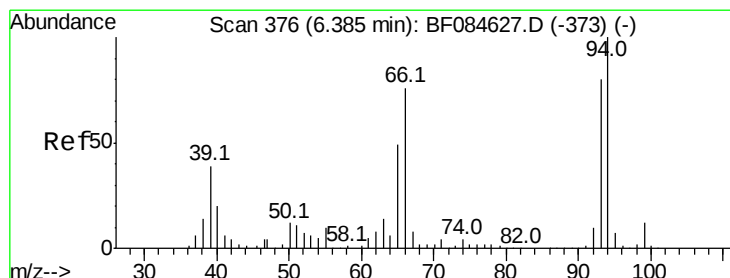
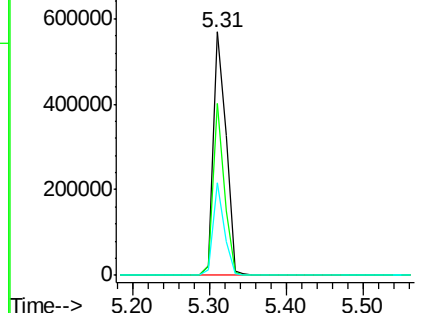
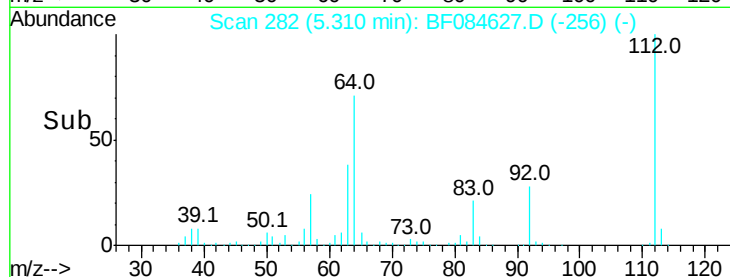
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.91 ng

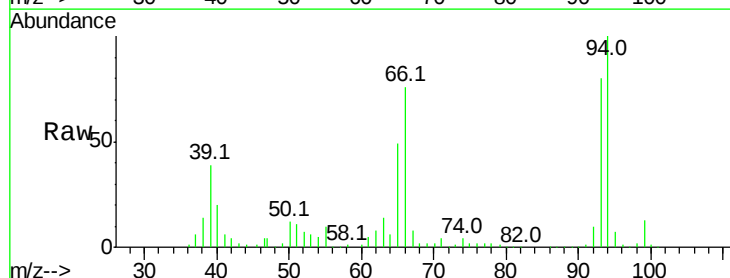
RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

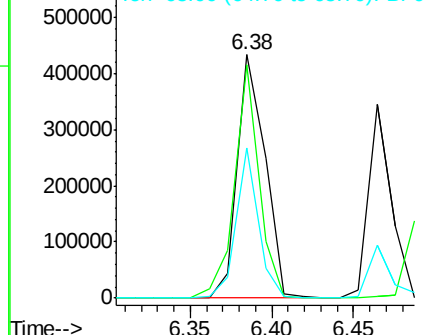
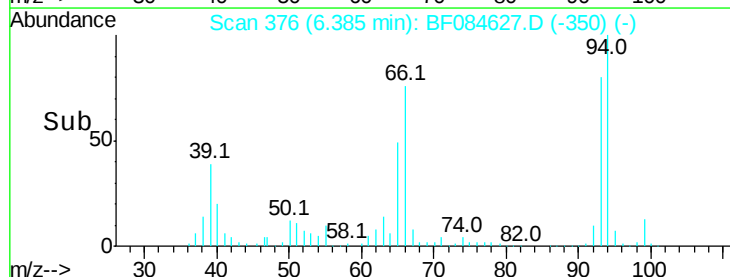
Tgt Ion:	93	Resp:	507723
Ion Ratio	Lower	Upper	
93	100		
66	95.7	44.9	67.3#
65	61.9	23.7	35.5#

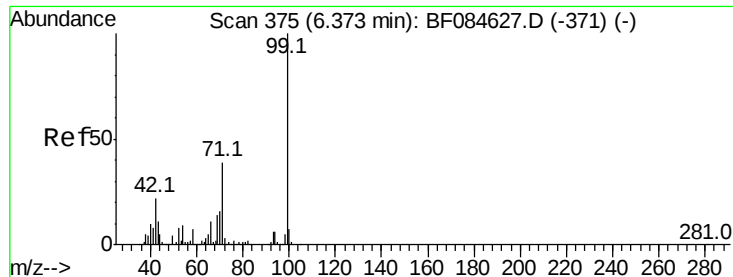


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.21 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

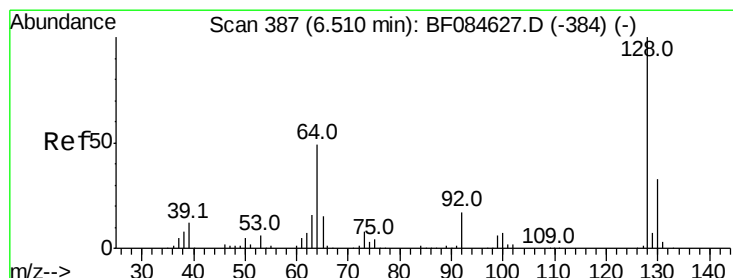
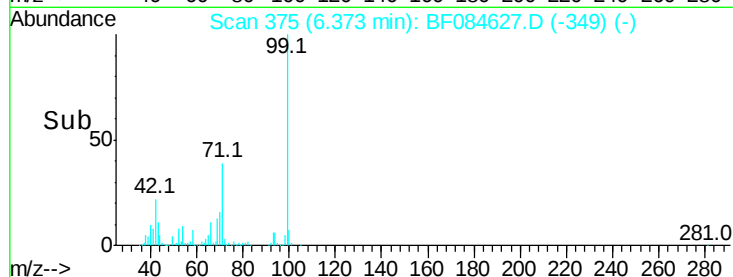
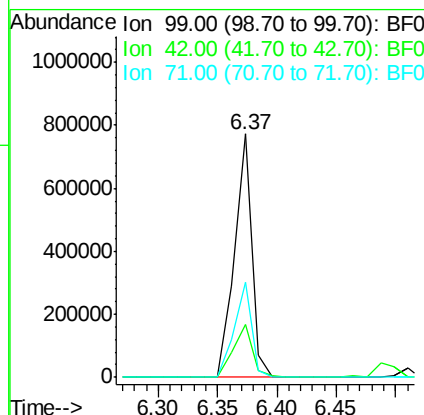
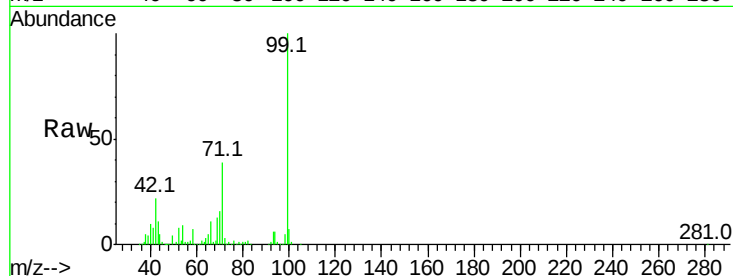
ClientSampleId :

SSTDICCC040

Tot Ion:	99	Resp:	782589
Ion Ratio	Lower	Upper	
99	100		
42	21.8	12.8	19.2#
71	39.2	30.9	46.3

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#8

2-Chlorophenol

Concen: 41.08 ng

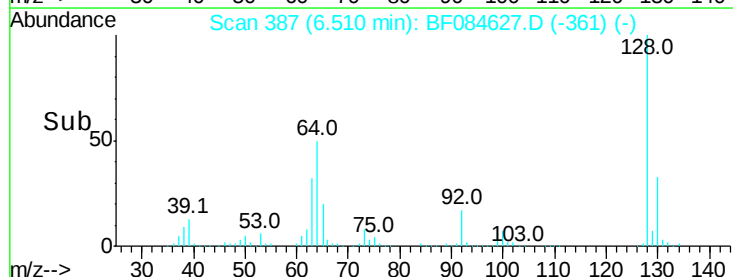
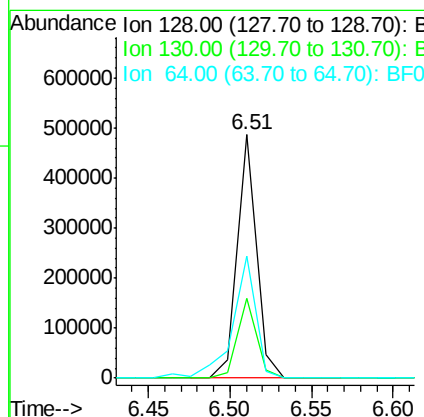
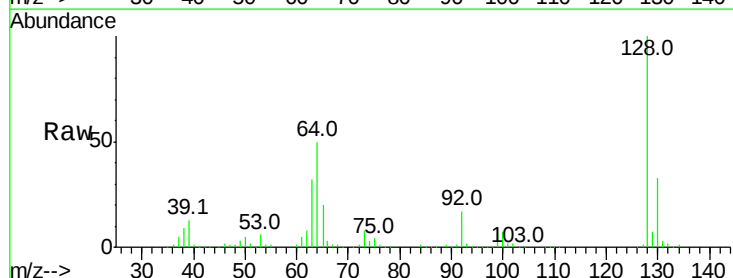
RT: 6.51 min Scan# 387

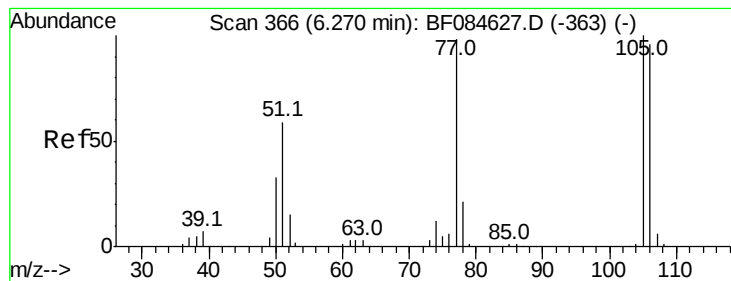
Delta R.T. 0.00 min

Lab File: BF084627.D

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Tgt Ion:	128	Resp:	391401
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.6	51.6
64	49.9	23.8	63.8





#9

Benzaldehyde

Concen: 33.59 ng

RT: 6.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF084627.D

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BNA_F

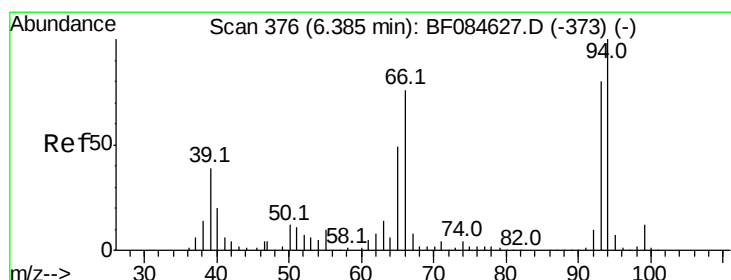
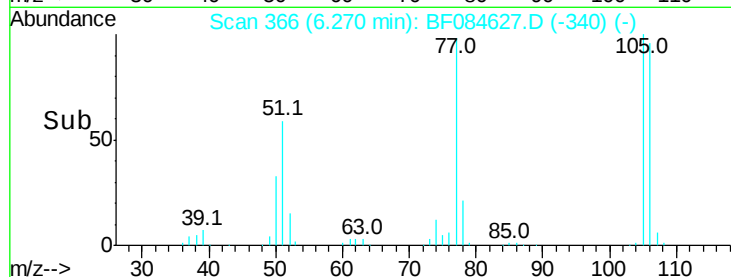
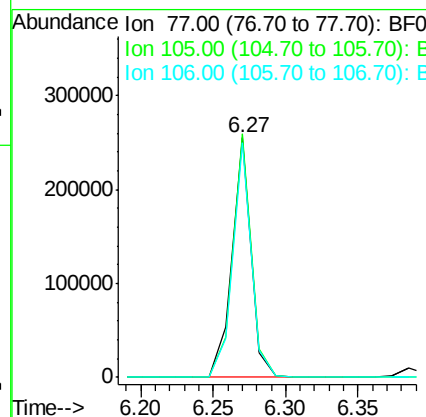
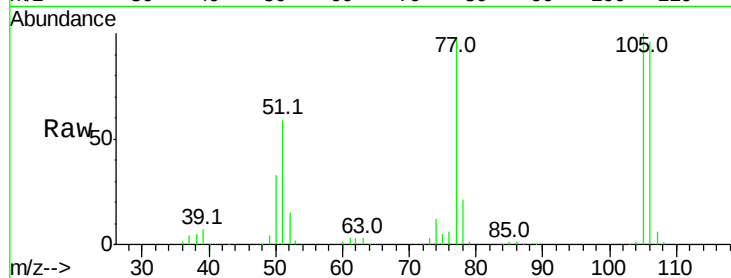
ClientSampleId :

SSTDICCC040

Tot Ion:	77	Resp:	230659
Ion Ratio	Lower	Upper	
77	100		
105	101.8	83.0	123.0
106	98.0	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 37.50 ng

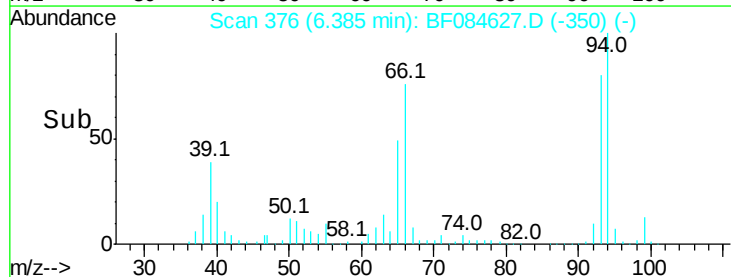
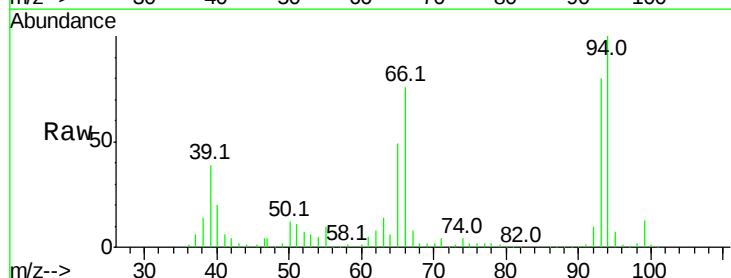
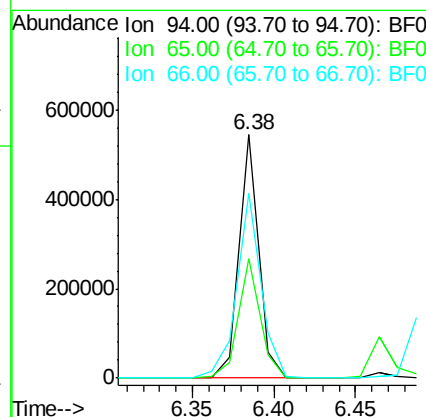
RT: 6.38 min Scan# 376

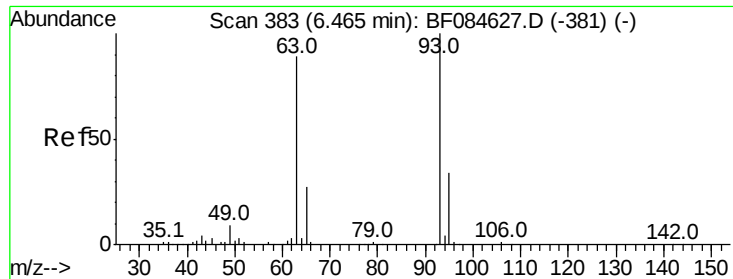
Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tgt Ion:	94	Resp:	449684
Ion Ratio	Lower	Upper	
94	100		
65	49.3	12.9	52.9
66	76.1	32.7	72.7#





#11

bis(2-Chloroethyl)ether

Concen: 35.73 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 93 Resp: 331892
Ion Ratio Lower Upper

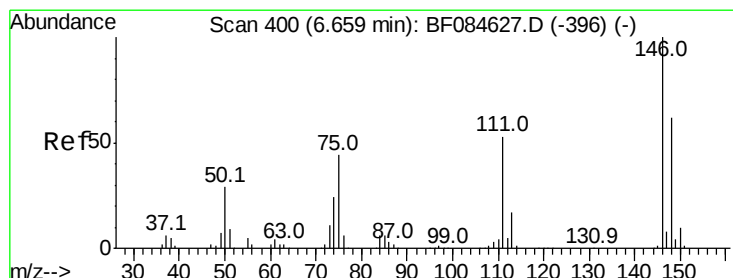
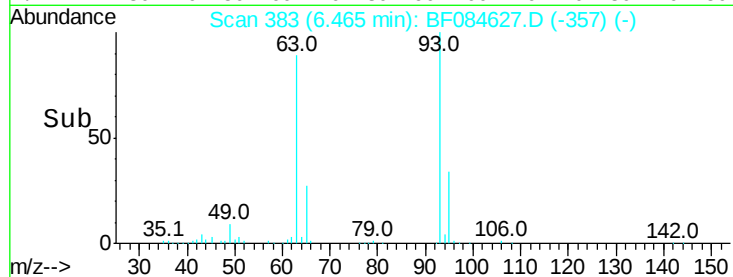
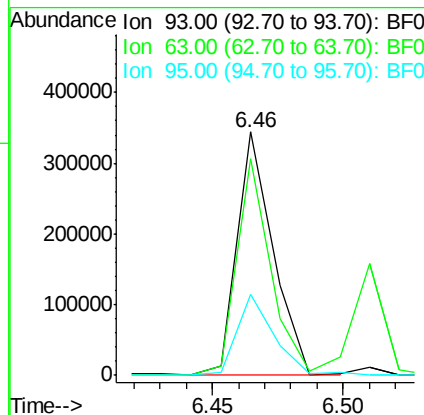
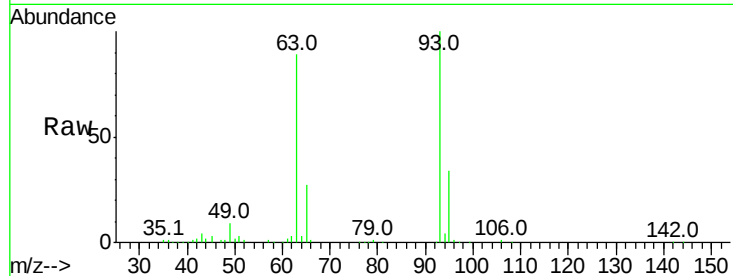
93 100

63 88.9 45.9 85.9#

95 33.6 12.3 52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.32 ng m

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF084627.D

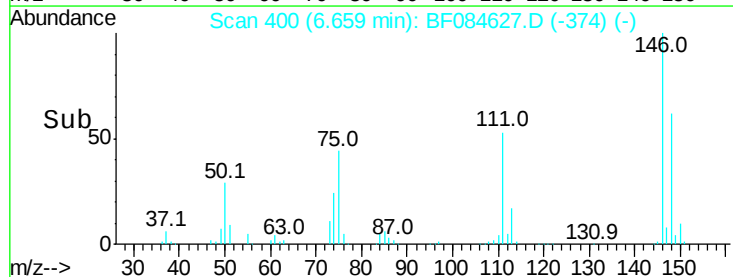
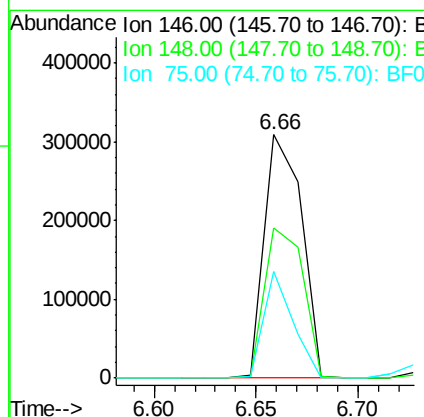
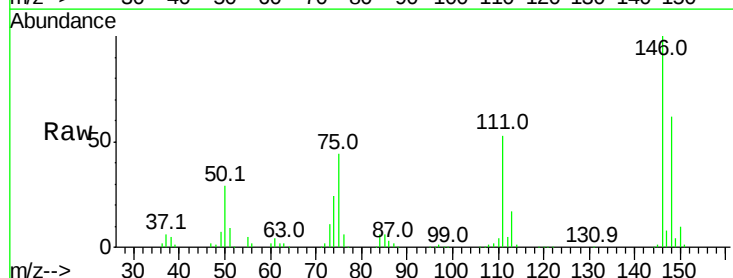
Acq: 29 Jan 2016 10:34

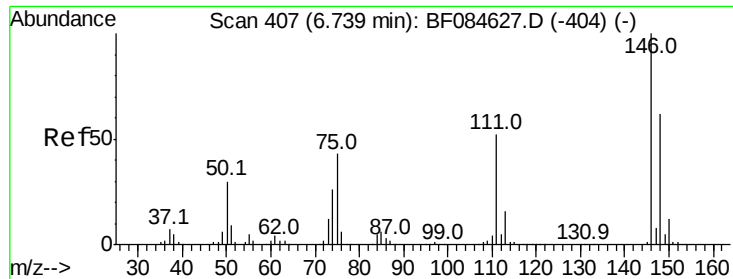
Tgt Ion: 146 Resp: 386395
Ion Ratio Lower Upper

146 100

148 61.6 51.9 77.9

75 43.8 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 42.60 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

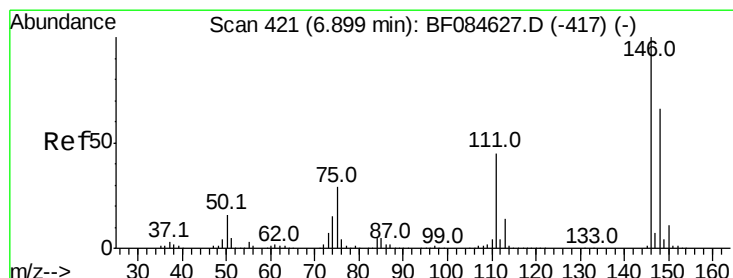
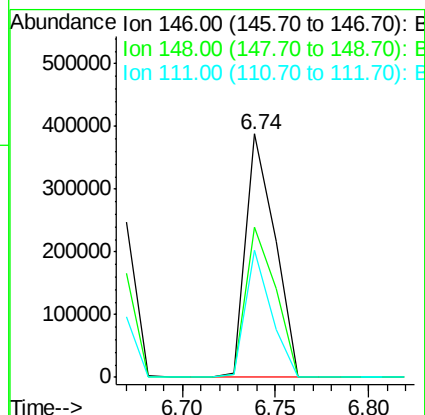
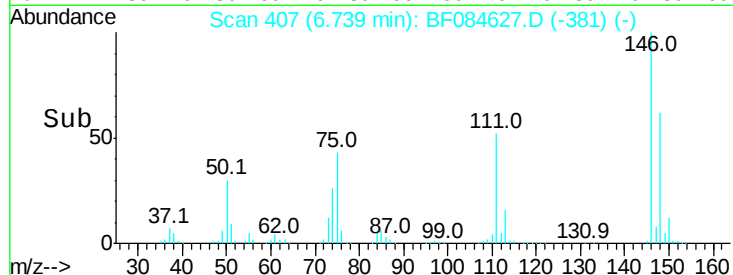
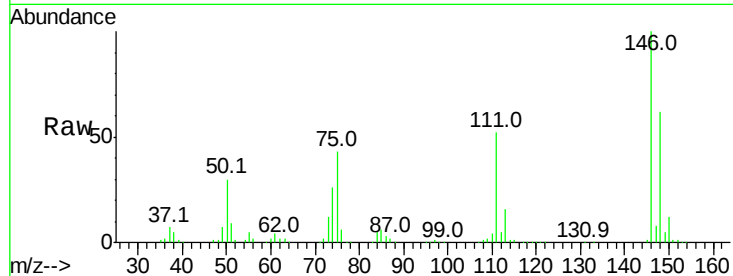
ClientSampleId :

SSTDICCC040

Tot Ion:	146	Resp:	419861
Ion Ratio	Lower	Upper	
146	100		
148	61.7	51.9	77.9
111	52.3	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 51.80 ng

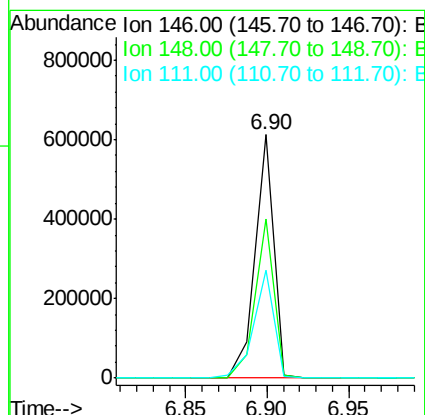
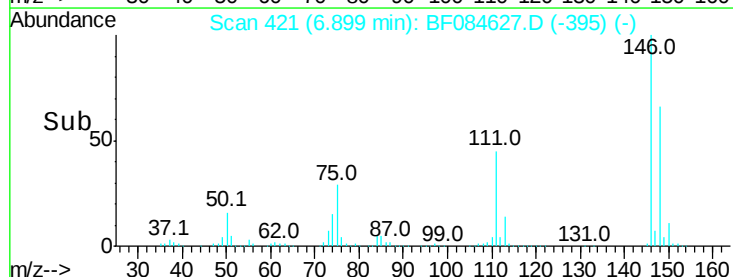
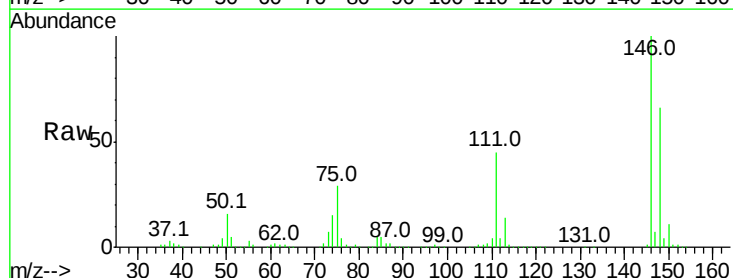
RT: 6.90 min Scan# 421

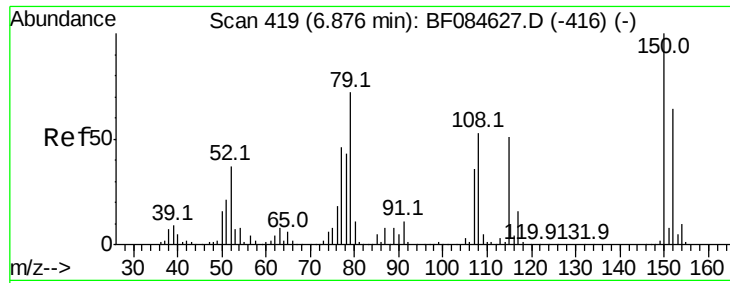
Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tgt Ion:	146	Resp:	488921
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.6	77.4
111	44.5	38.0	57.0





#15

Benzyl Alcohol

Concen: 39.44 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

Tot Ion: 79 Resp: 349926

Ion Ratio Lower Upper

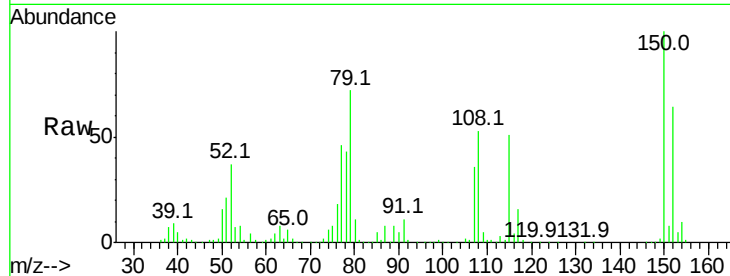
79 100

108 73.1 69.0 103.4

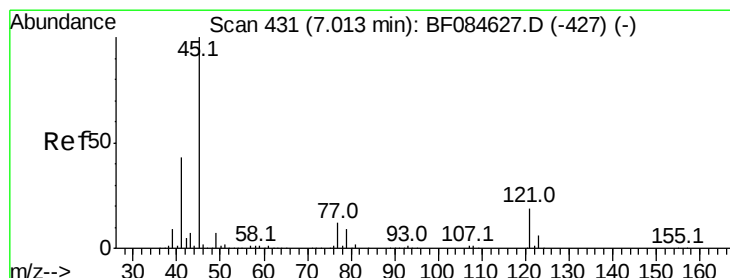
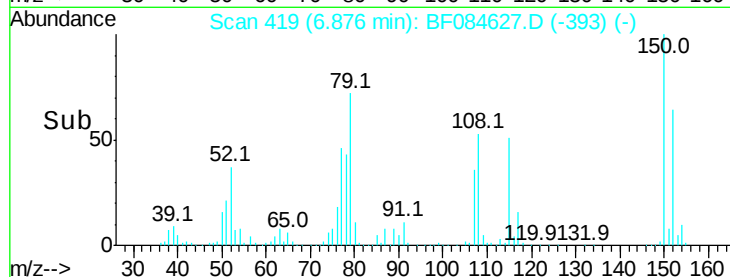
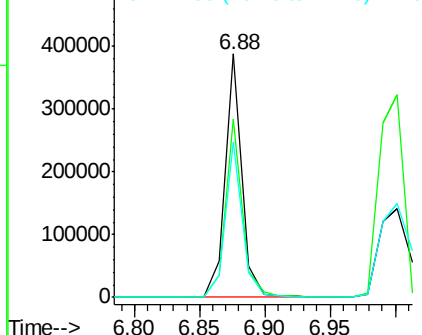
77 64.0 50.0 75.0

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.68 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

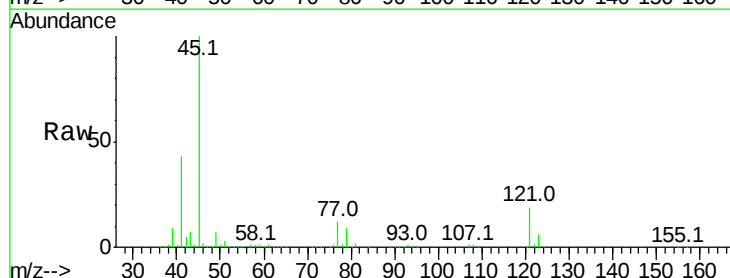
Tgt Ion: 45 Resp: 721934

Ion Ratio Lower Upper

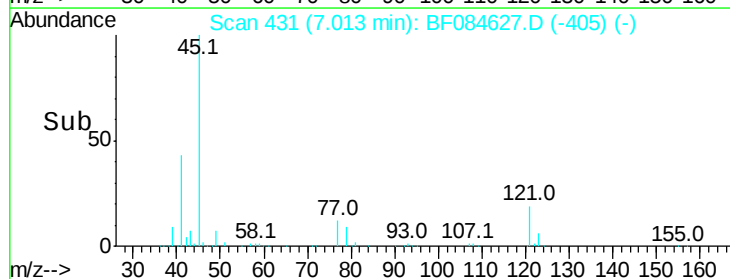
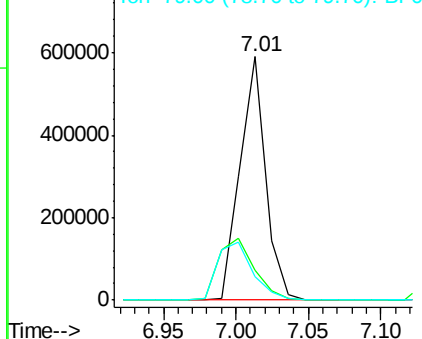
45 100

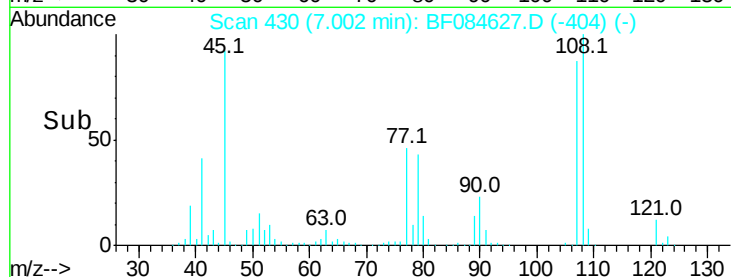
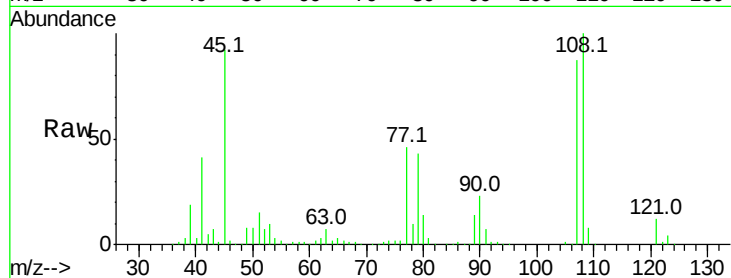
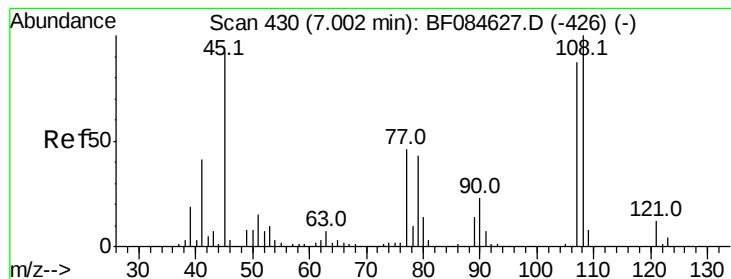
77 12.5 0.0 39.6

79 9.4 0.0 35.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 46.09 ng

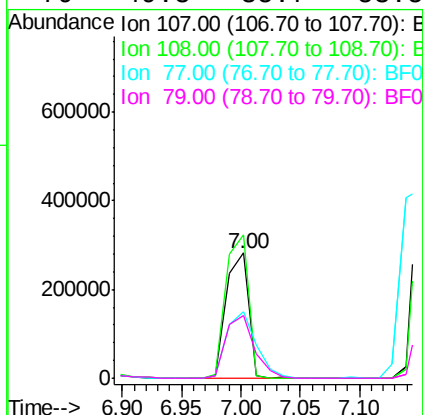
RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tot Ion	107	Resp	367992
Ion Ratio	Lower	Upper	
107	100		
108	114.6	89.8	134.6
77	53.3	35.7	53.5
79	49.8	35.7	53.5



Instrument :

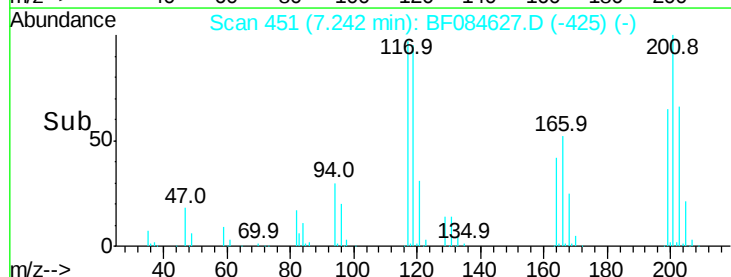
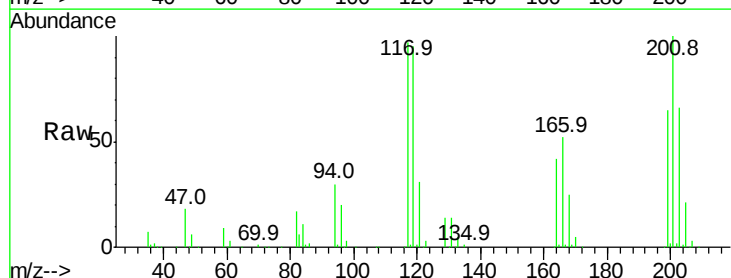
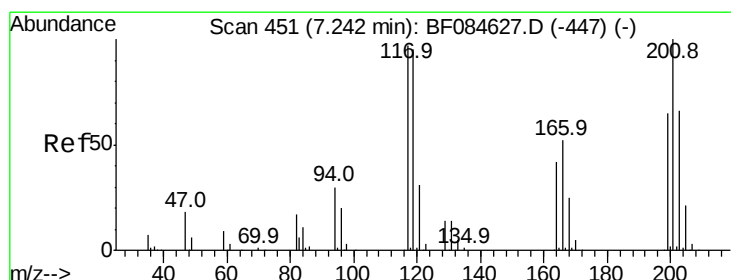
BNA_F

ClientSampleId :

SSTDICCC040

Manual Integrations
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#18

Hexachloroethane

Concen: 50.20 ng

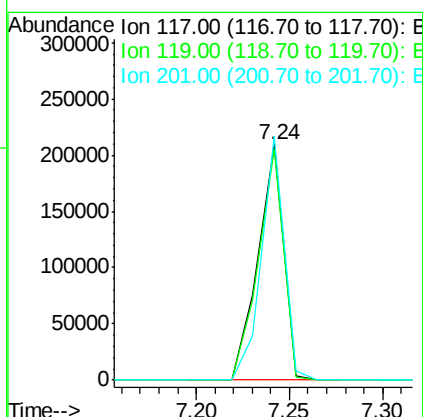
RT: 7.24 min Scan# 451

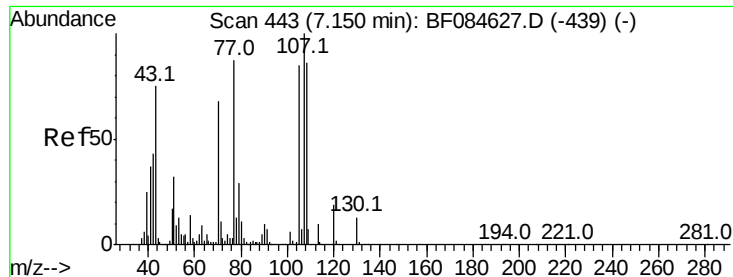
Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tgt Ion	117	Resp	197837
Ion Ratio	Lower	Upper	
117	100		
119	97.8	77.4	116.0
201	103.3	68.6	103.0#





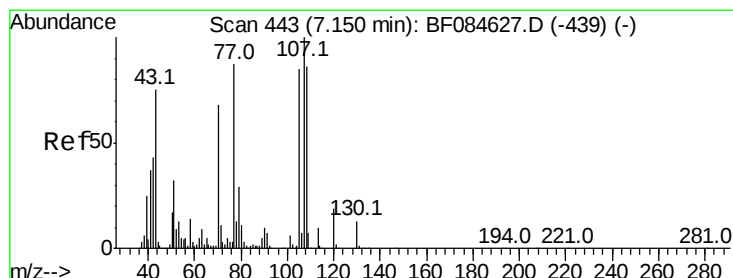
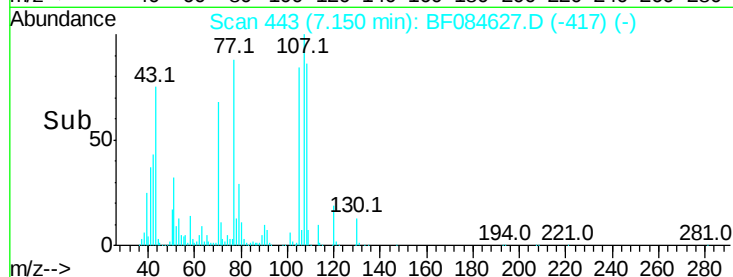
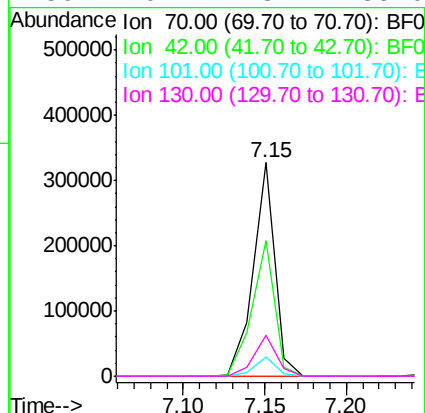
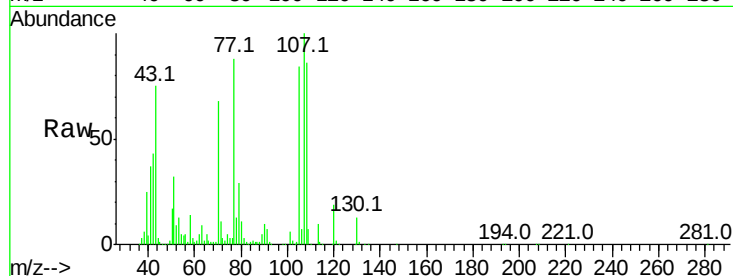
#19
n-Nitroso-di-n-propylamine
Concen: 42.23 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.8	33.3	49.9#
101	9.3	9.3	13.9
130	19.2	23.4	35.0#

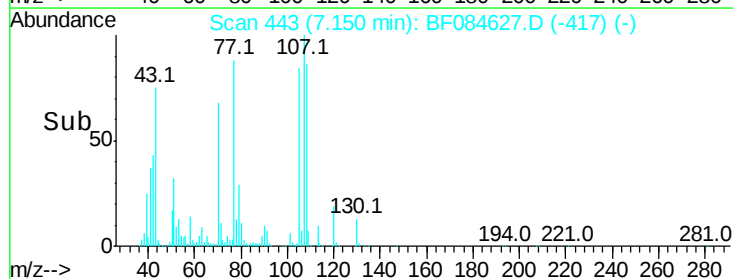
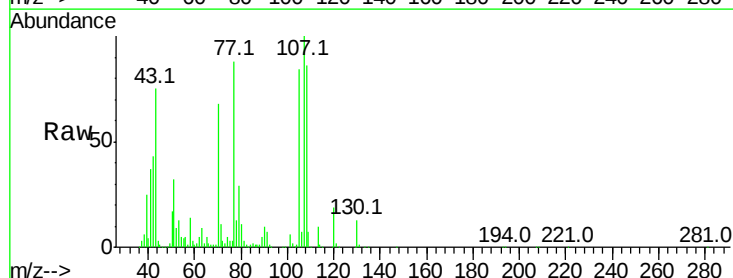
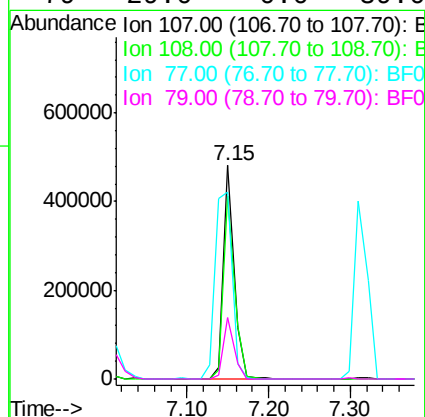
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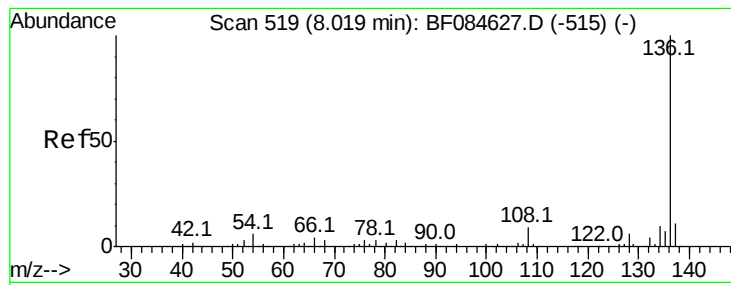
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#20
3+4-Methylphenols
Concen: 46.56 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	74.6	114.6
77	87.5	0.7	40.7#
79	29.0	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF084627.D

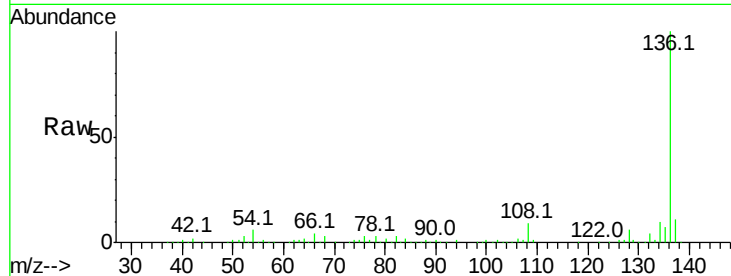
Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tot Ion:136 Resp: 654287

Ion Ratio Lower Upper

136 100

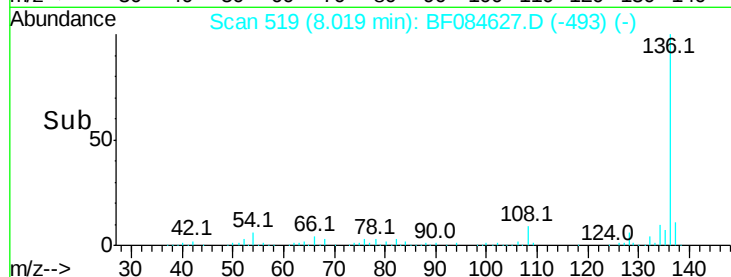
137 10.6 8.7 13.1

54 5.7 5.8 8.8#

68 3.5 4.2 6.2#

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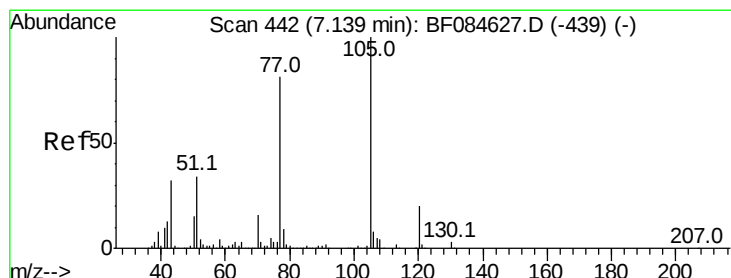
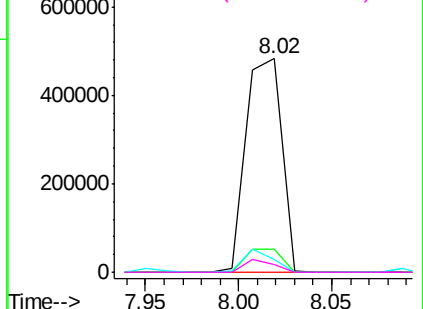


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.56 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tgt Ion:105 Resp: 653893

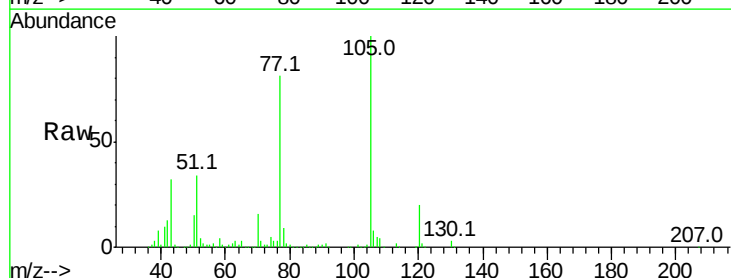
Ion Ratio Lower Upper

105 100

71 2.7 3.7 5.5#

51 34.2 25.1 37.7

120 19.7 16.6 25.0

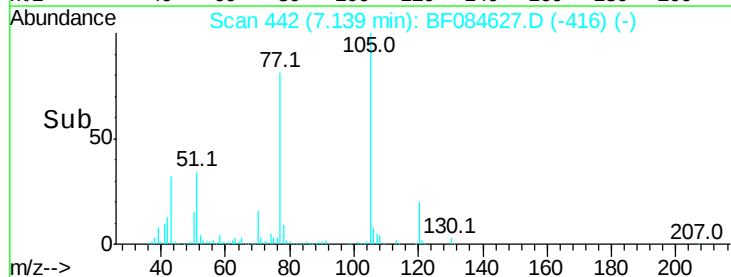
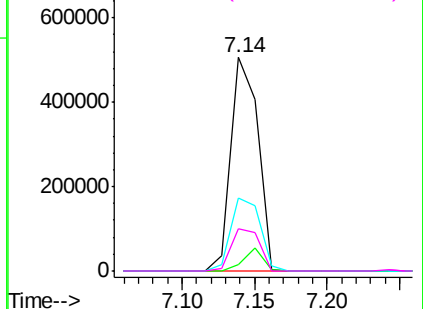


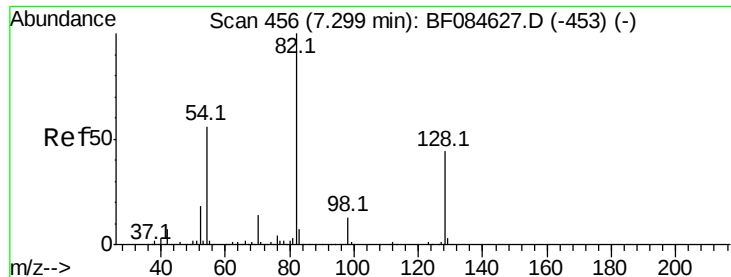
Abundance Ion 105.00 (104.70 to 105.70): E

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





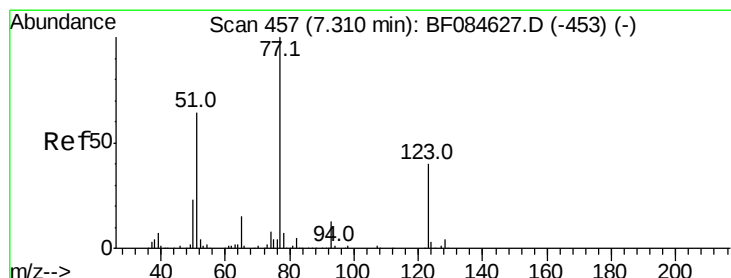
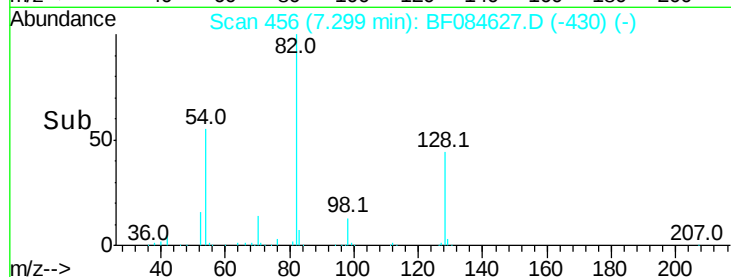
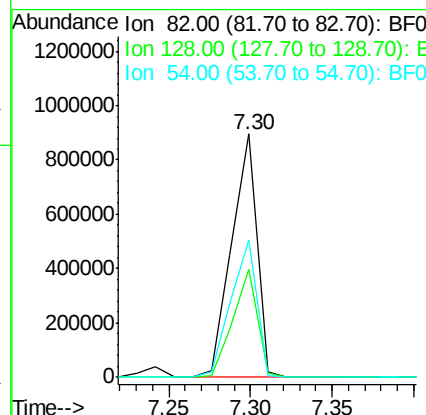
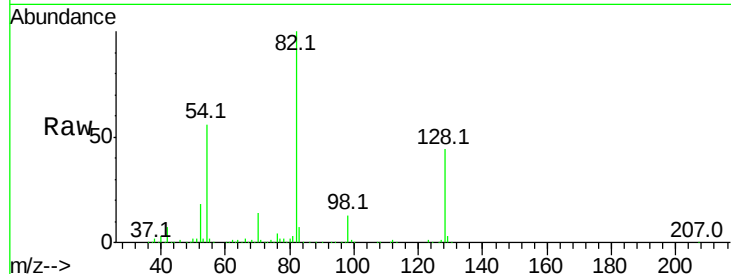
#23
Nitrobenzene-d5
Concen: 81.20 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	56.3	38.4	57.6

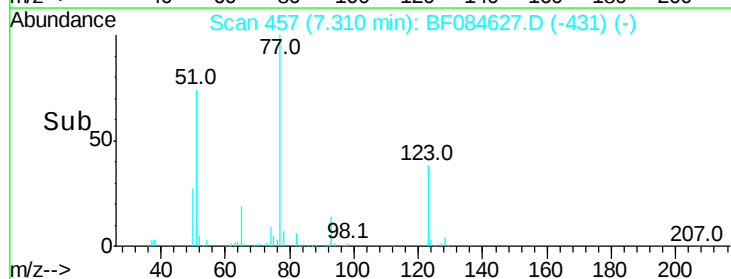
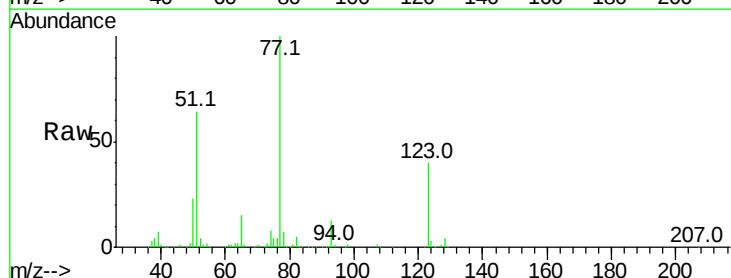
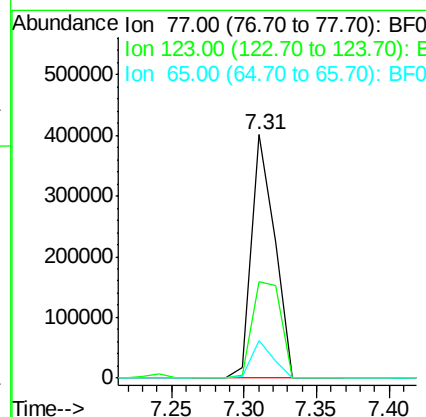
Manual Integrations
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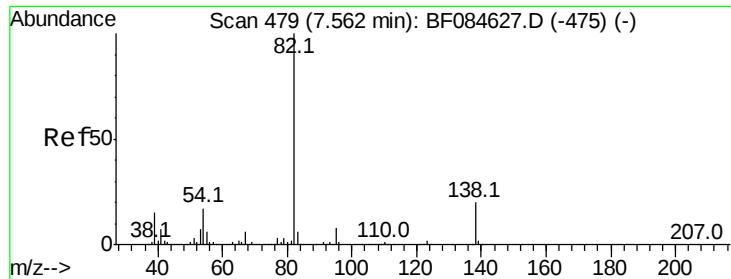
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#24
Nitrobenzene
Concen: 37.15 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	37.4	56.2
65	15.4	10.9	16.3





#25

Isophorone

Concen: 39.38 ng

RT: 7.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

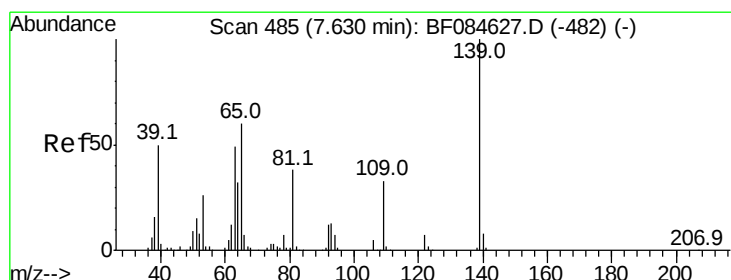
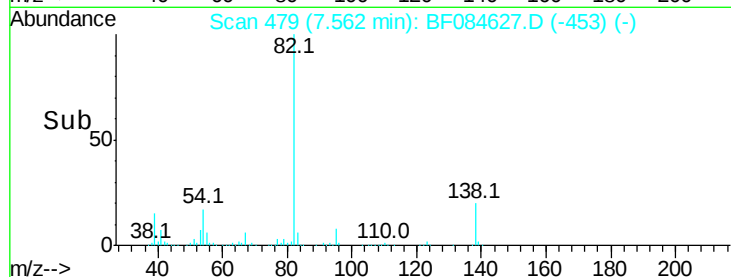
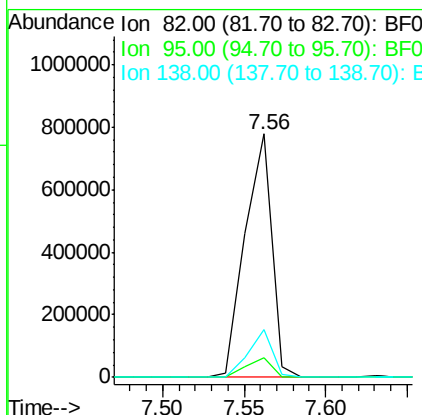
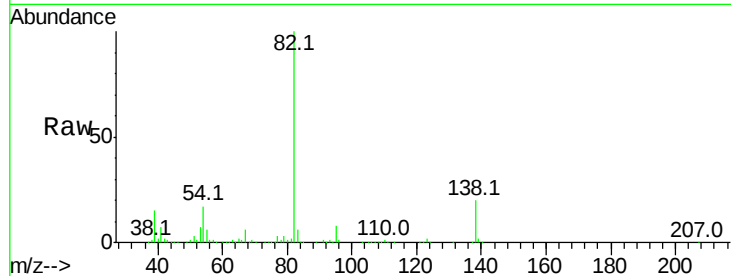
ClientSampleId :

SSTDICCC040

Tot Ion:	82	Resp:	885495
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.6	10.0
138	19.9	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.02 ng

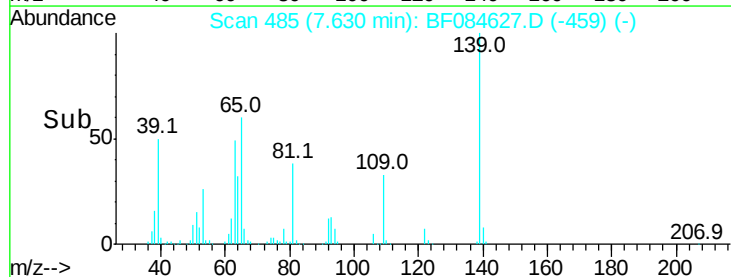
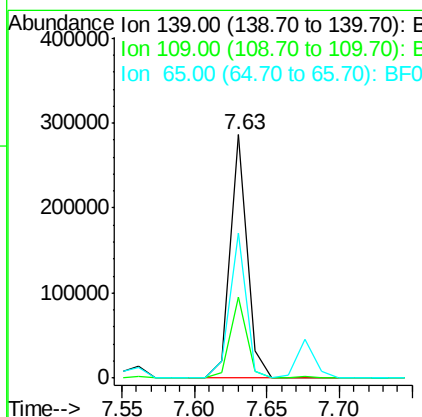
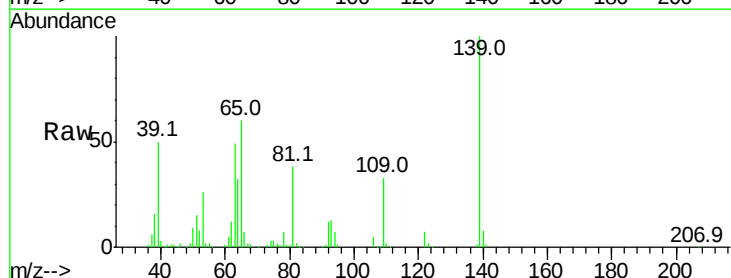
RT: 7.63 min Scan# 485

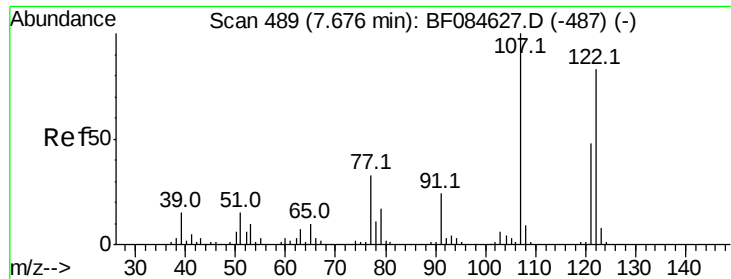
Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tgt Ion:	139	Resp:	233440
Ion Ratio	Lower	Upper	
139	100		
109	33.1	25.4	38.2
65	59.6	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 33.36 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

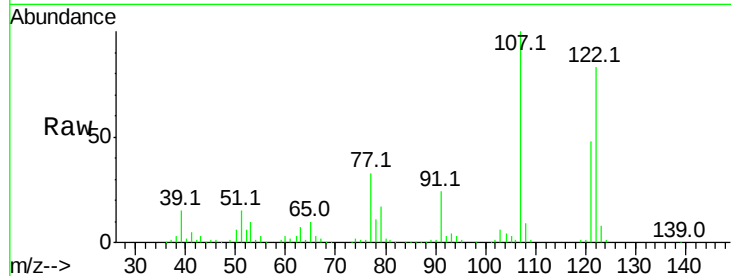
ClientSampleId :

SSTDICCC040

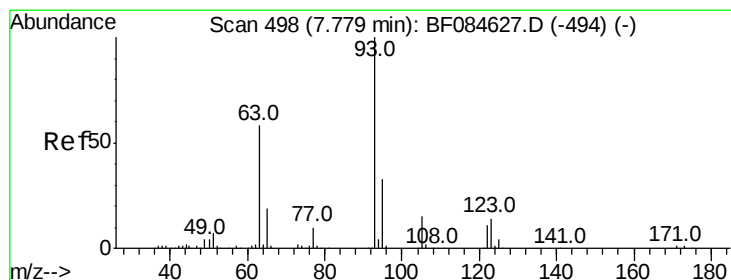
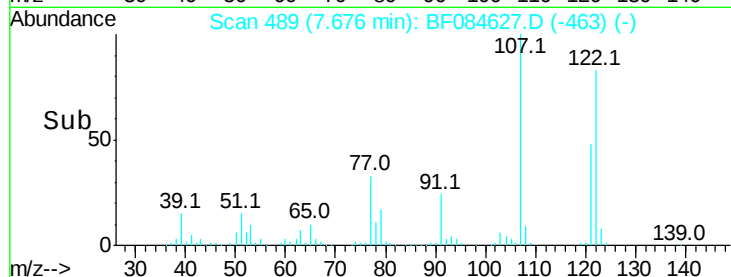
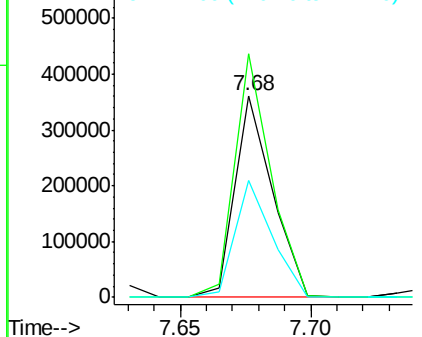
Tot Ion:	122	Resp:	366387
Ion Ratio	Lower	Upper	
122	100		
107	120.8	99.1	148.7
121	57.7	47.9	71.9

Manual Integrations
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.52 ng

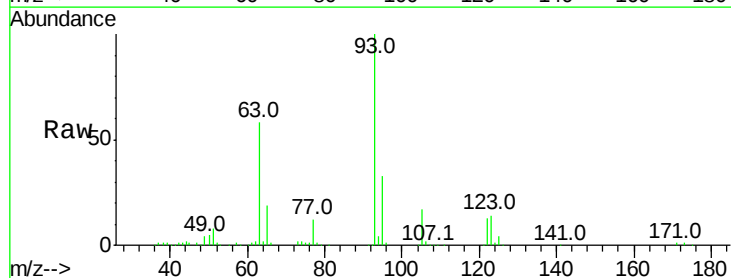
RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

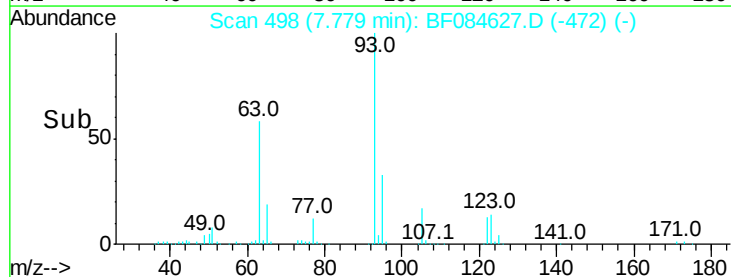
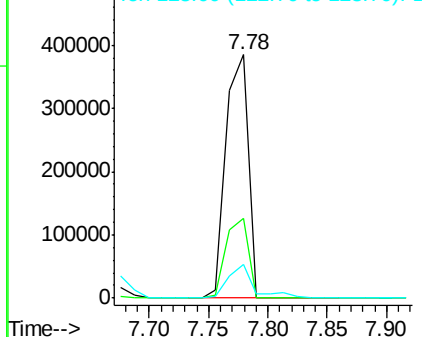
Lab File: BF084627.D

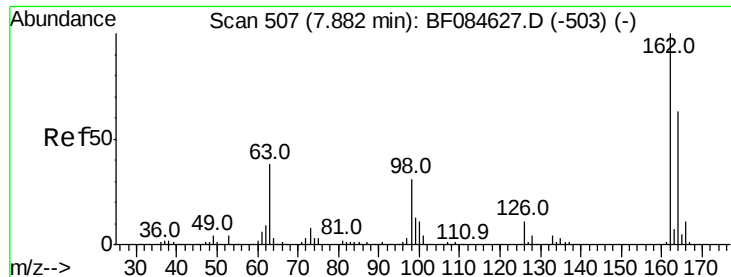
Acq: 29 Jan 2016 10:34

Tgt Ion:	93	Resp:	501511
Ion Ratio	Lower	Upper	
93	100		
95	33.0	25.8	38.6
123	13.9	8.6	12.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





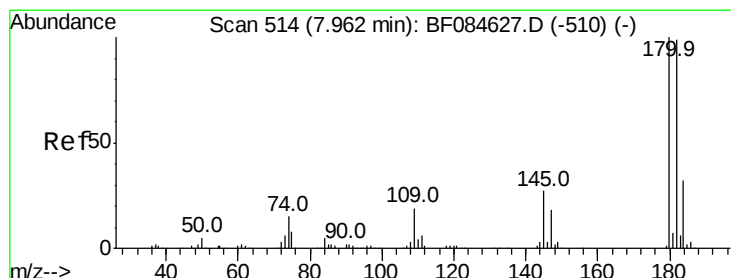
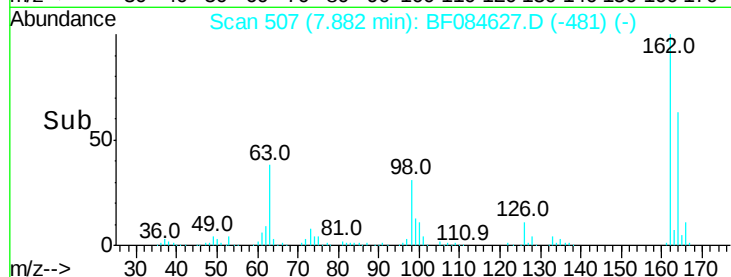
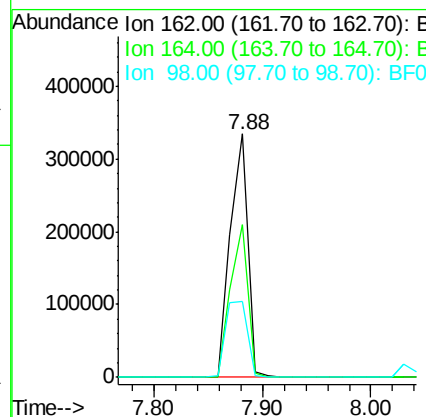
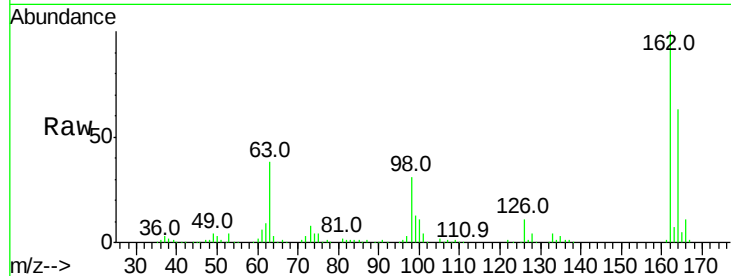
#29
 2,4-Dichlorophenol
 Concen: 40.60 ng
 RT: 7.88 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	371520		
164	62.8	44.1	84.1	
98	30.9	20.2	60.2	

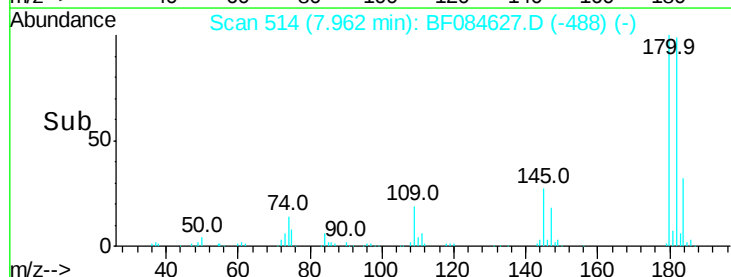
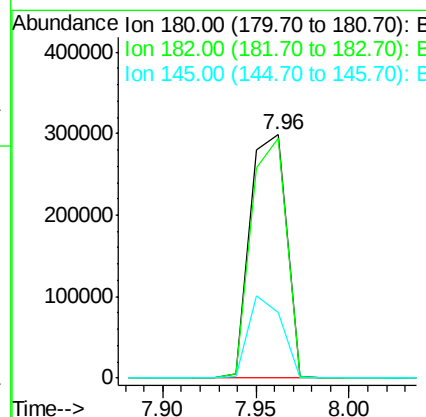
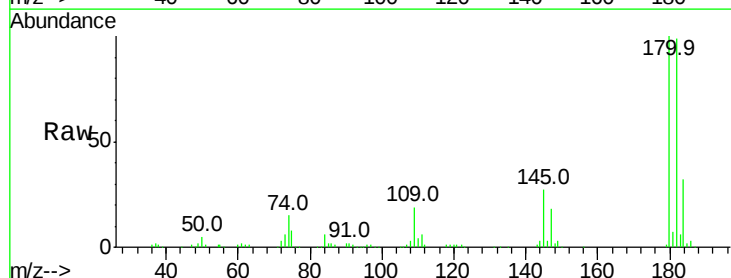
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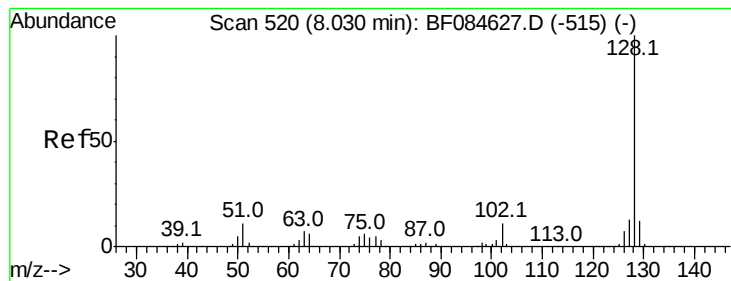
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.56 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	401986		
182	98.7	76.4	114.6	
145	26.8	31.6	47.4#	





#31

Naphthalene

Concen: 40.20 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

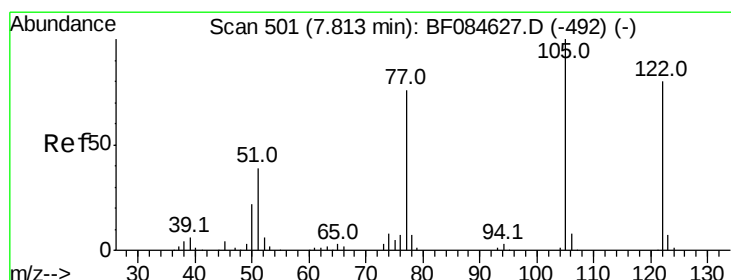
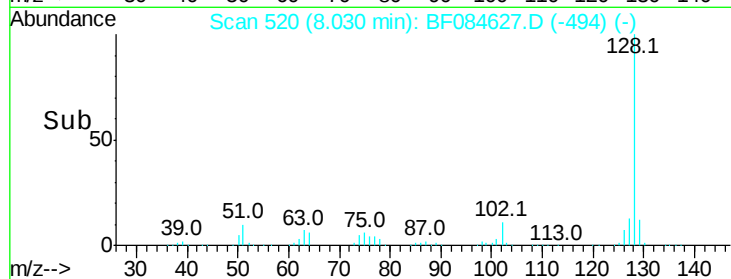
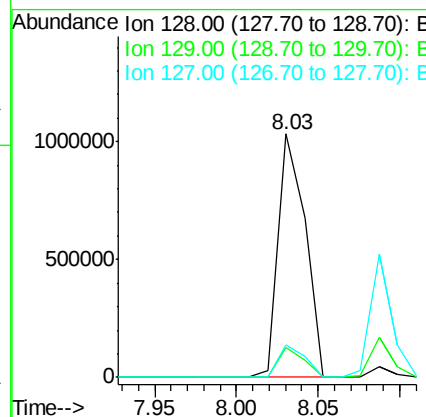
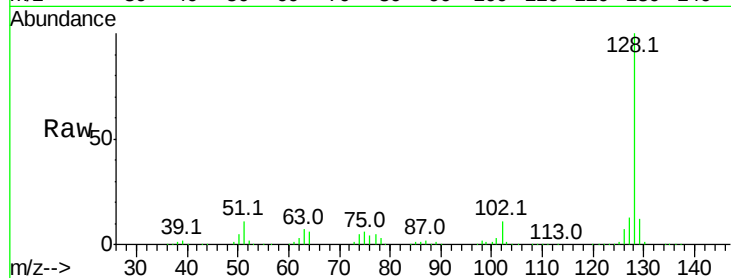
ClientSampleId :

SSTDICCC040

Tot Ion:128	Resp: 1193238
Ion Ratio	Lower Upper
128 100	
129 12.1	9.1 13.7
127 13.3	11.1 16.7

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#32

Benzoic acid

Concen: 49.52 ng

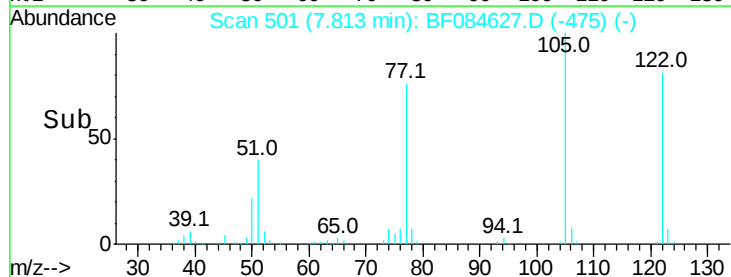
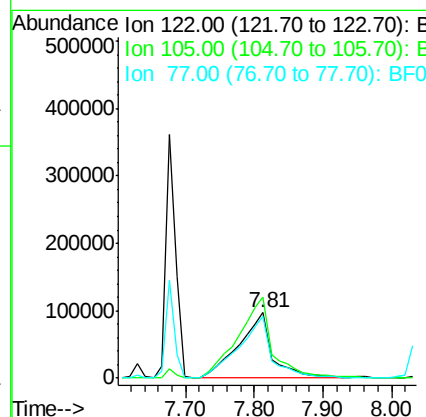
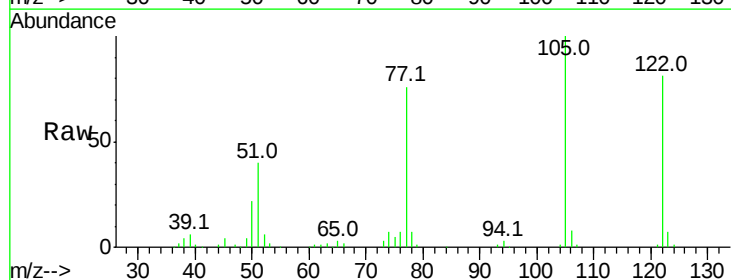
RT: 7.81 min Scan# 501

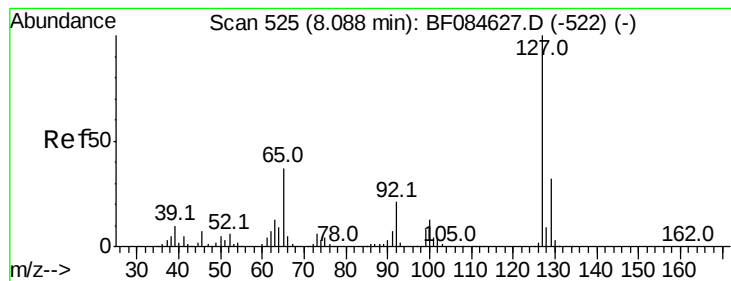
Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tgt	Ion:122	Resp:	320964
Ion	Ratio	Lower	Upper
122	100		
105	124.2	100.3	140.3
77	94.8	63.5	103.5





#33

4-Chloroaniline

Concen: 35.66 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

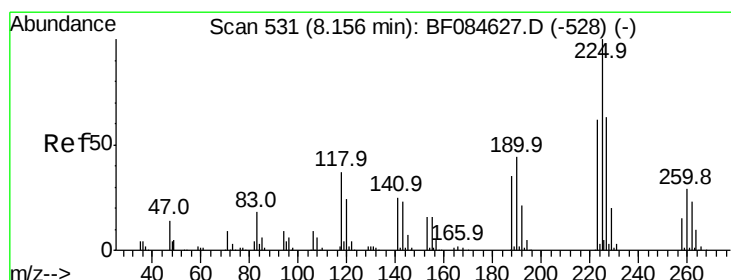
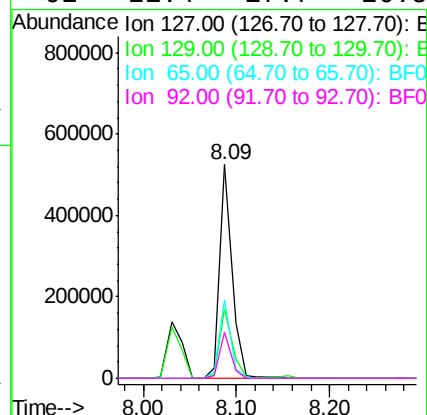
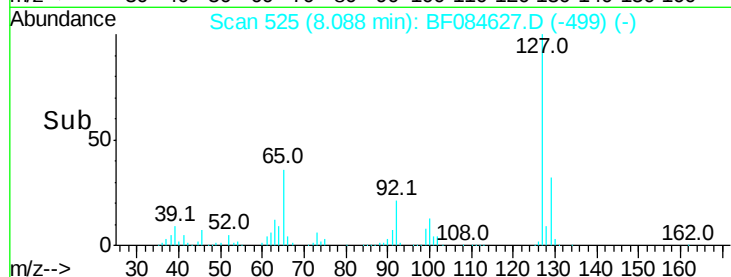
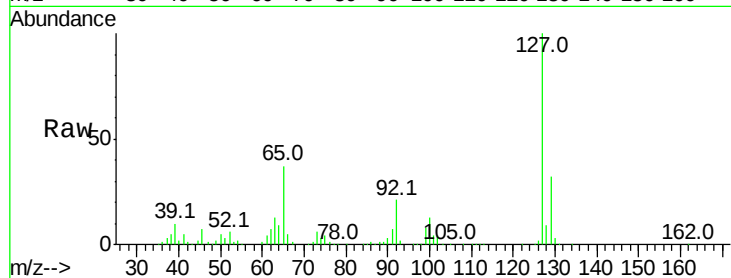
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.5	39.7		
65	36.7	27.2	40.8		
92	21.4	17.7	26.5		

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#34

Hexachlorobutadiene

Concen: 44.81 ng

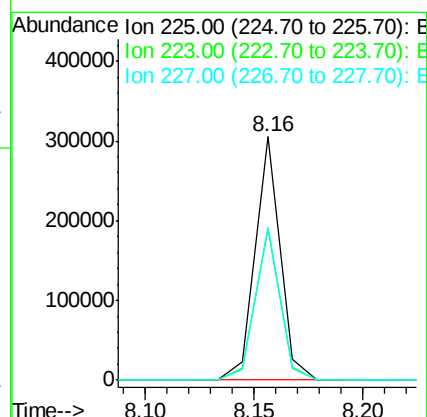
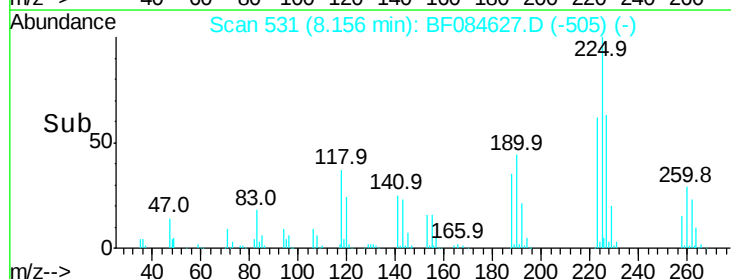
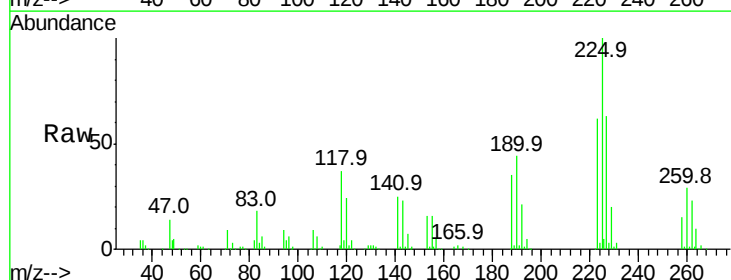
RT: 8.16 min Scan# 531

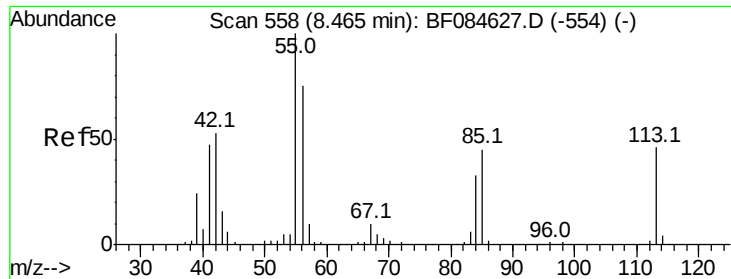
Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	49.4	74.0		
227	62.8	50.8	76.2		





#35

Caprolactam

Concen: 32.67 ng

RT: 8.46 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:113 Resp: 100758
Ion Ratio Lower Upper

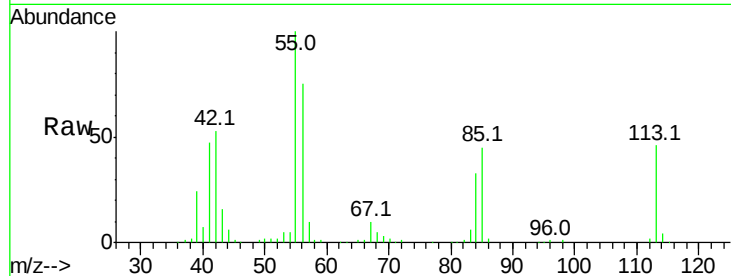
113 100

55 217.4 116.9 156.9#

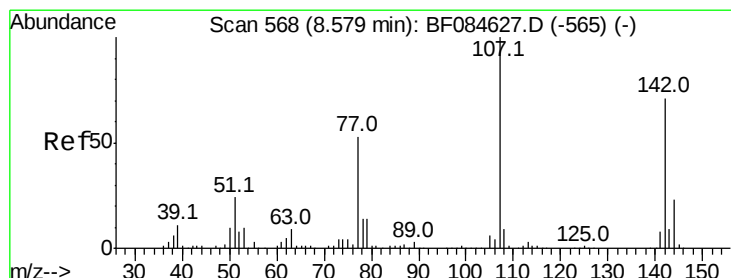
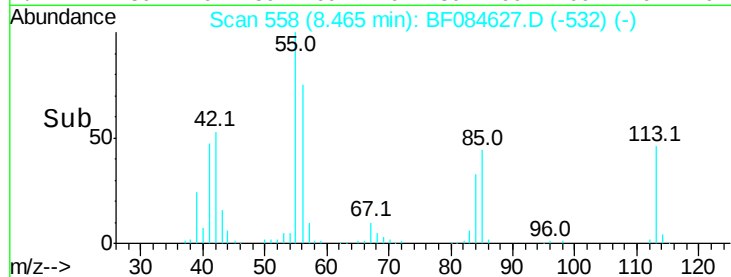
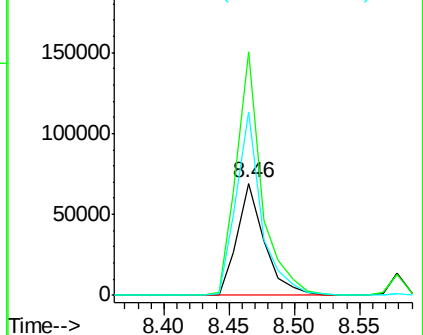
56 163.8 93.8 133.8#

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



#36

4-Chloro-3-methylphenol

Concen: 39.07 ng

RT: 8.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF084627.D

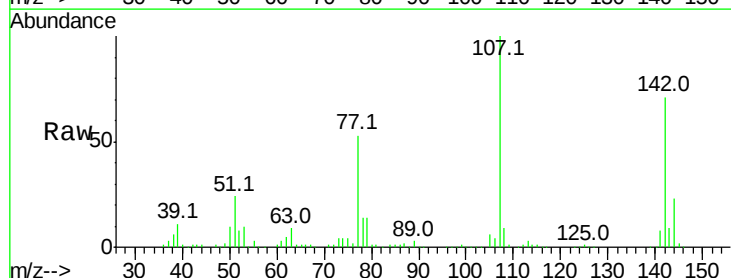
Acq: 29 Jan 2016 10:34

Tgt Ion:107 Resp: 400477
Ion Ratio Lower Upper

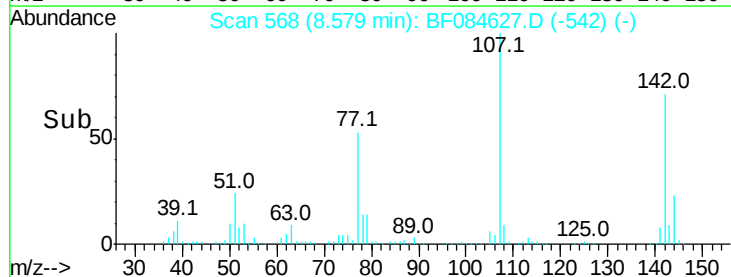
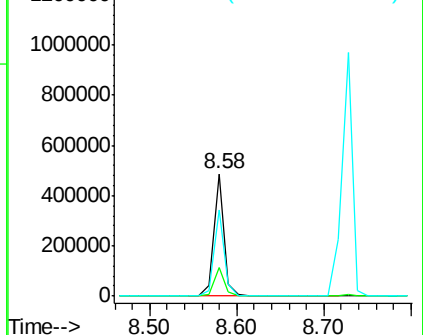
107 100

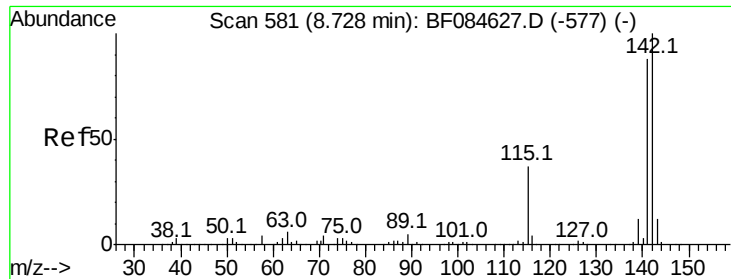
144 23.0 19.7 29.5

142 71.1 61.8 92.6



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





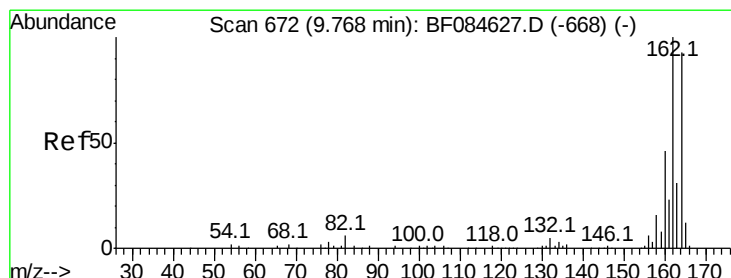
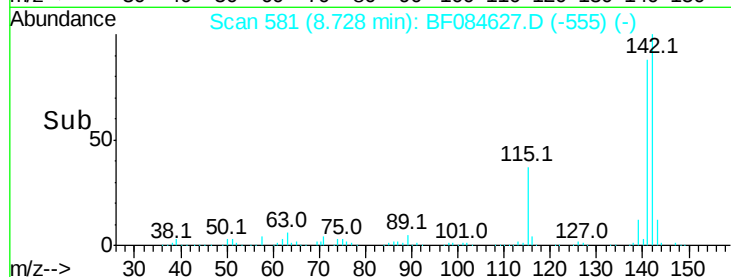
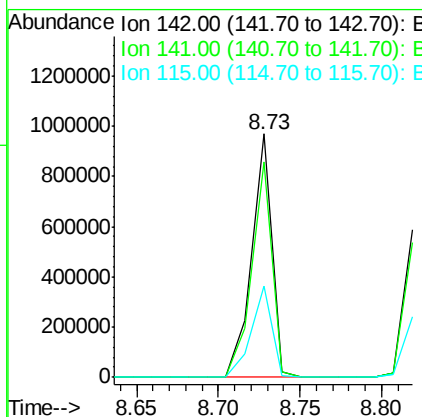
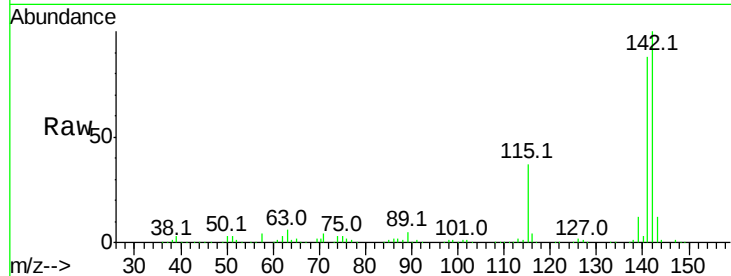
#37
2-Methylnaphthalene
Concen: 39.17 ng
RT: 8.73 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.4	108.6
115	37.3	27.9	41.9

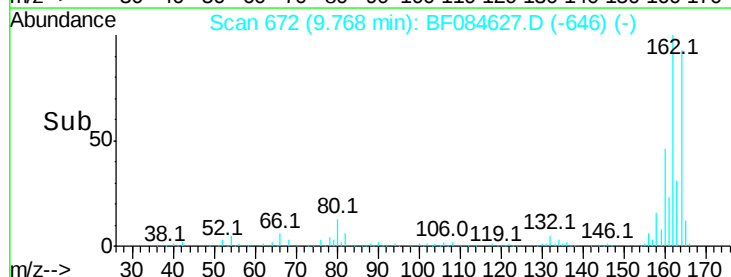
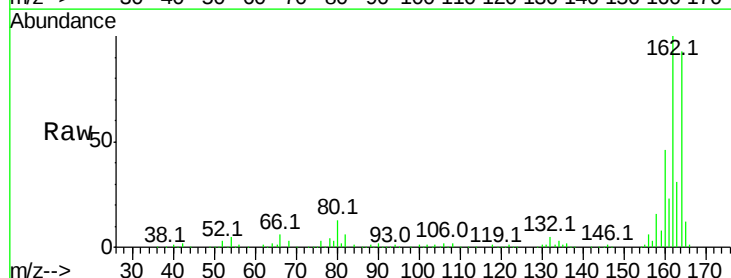
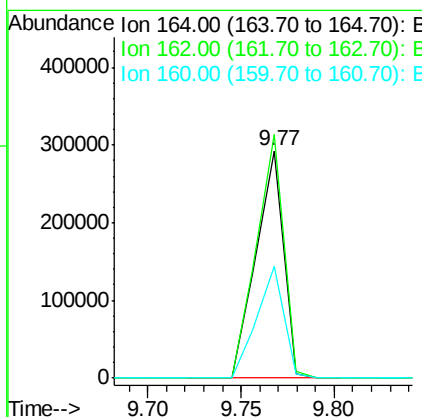
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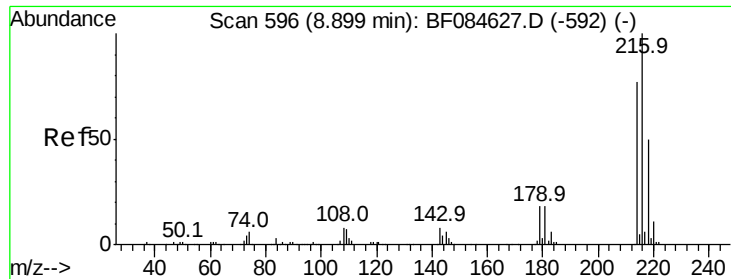
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.1	127.7
160	49.0	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.39 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084627.D

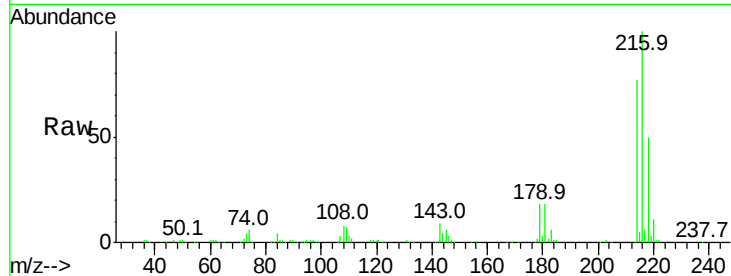
Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

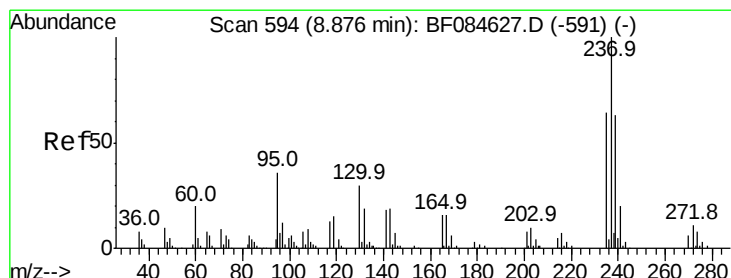
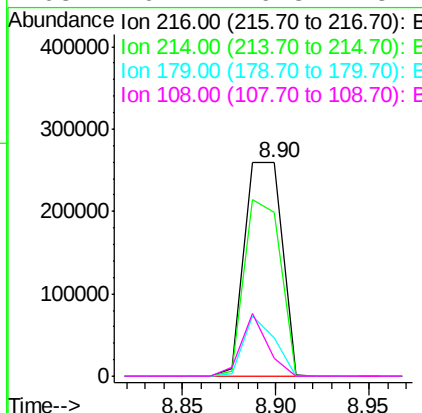
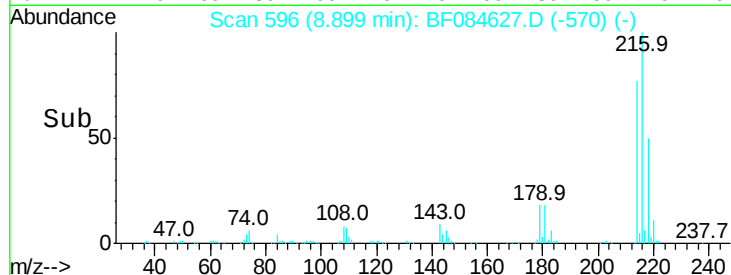
SSTDICCC040



Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	64.2	96.2	
179	23.3	18.7	28.1	
108	20.7	16.8	25.2	

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#40

Hexachlorocyclopentadiene

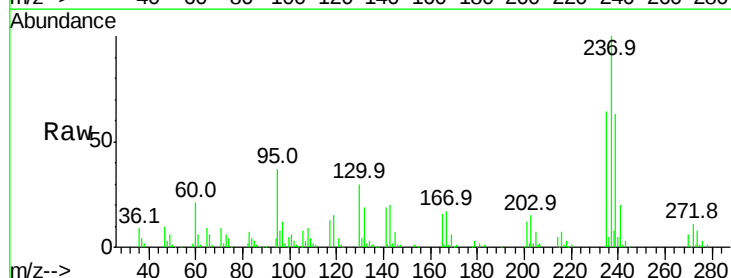
Concen: 34.87 ng

RT: 8.88 min Scan# 594

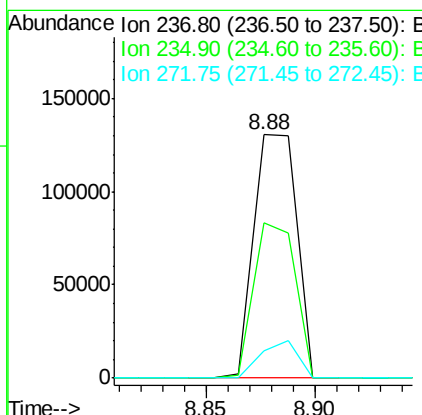
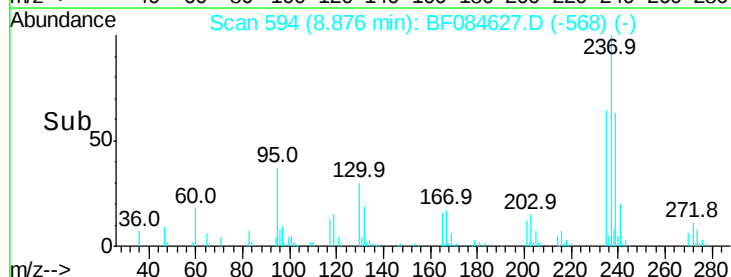
Delta R.T. 0.00 min

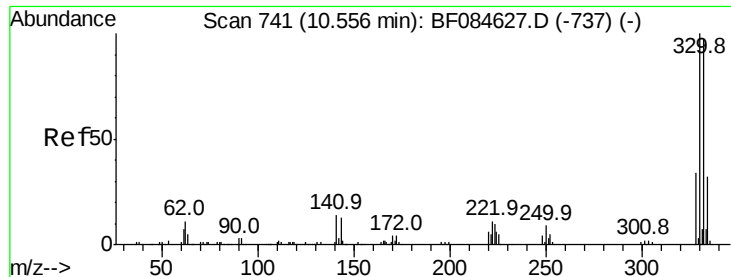
Lab File: BF084627.D

Acq: 29 Jan 2016 10:34



Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.0	43.1	83.1	
272	11.1	0.0	35.1	





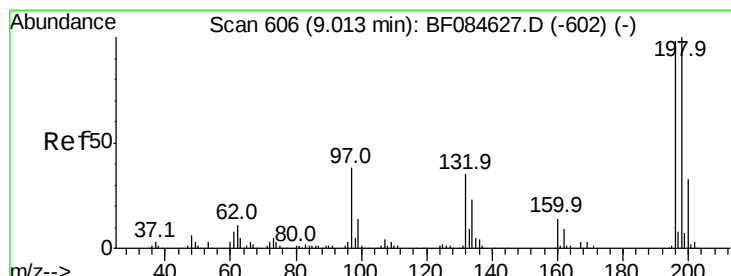
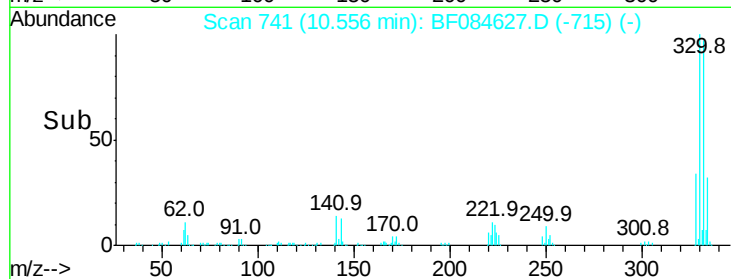
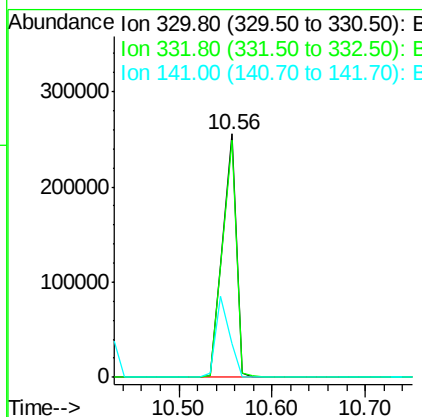
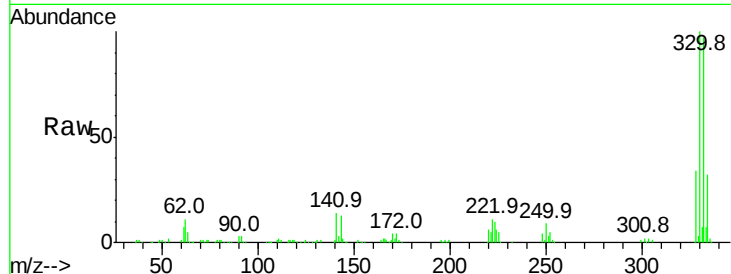
#41
 2,4,6-Tribromophenol
 Concen: 87.51 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	262698		
332	98.0	76.6	114.8	
141	32.8	27.8	41.6	

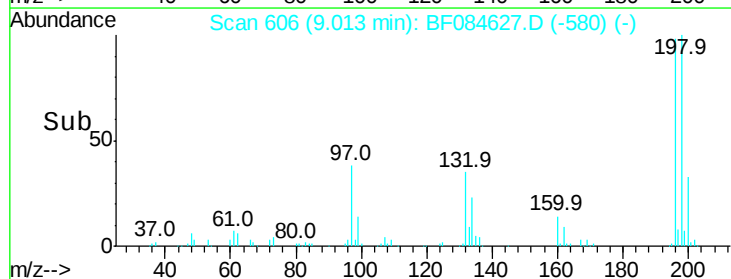
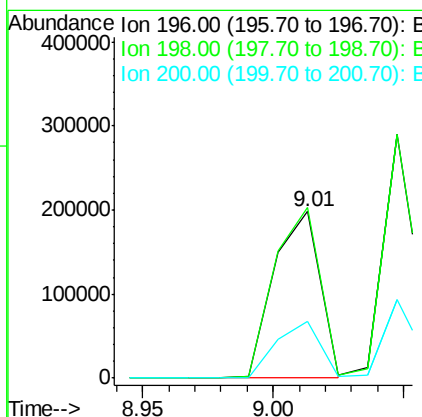
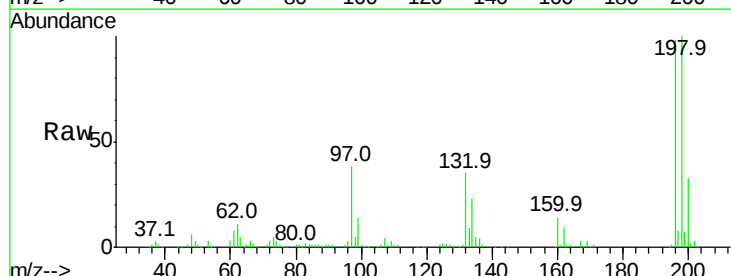
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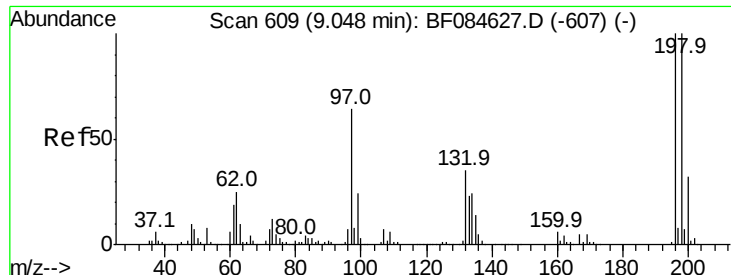
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#42
 2,4,6-Trichlorophenol
 Concen: 37.84 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242004		
198	102.6	77.7	116.5	
200	34.0	24.6	37.0	





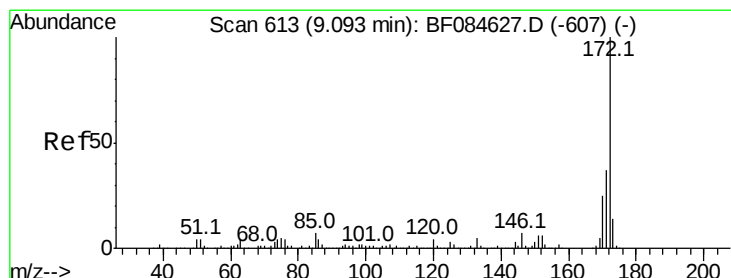
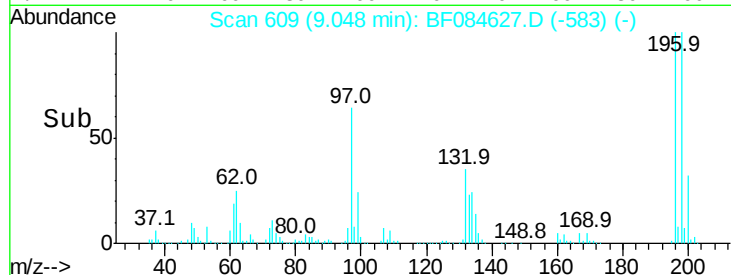
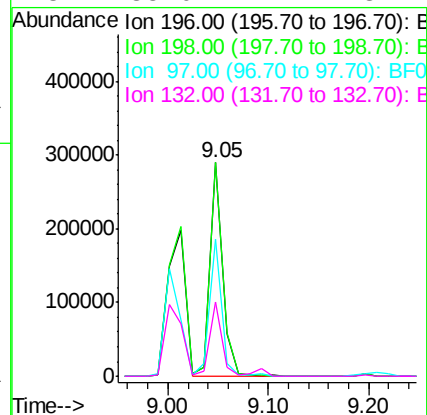
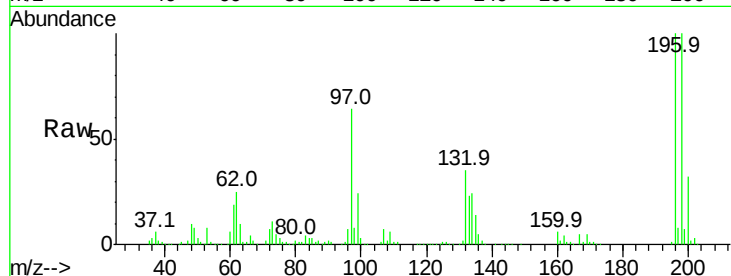
#43
 2,4,5-Trichlorophenol
 Concen: 41.25 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252903		
198	100.1	79.0	118.6	
97	64.1	33.0	49.6	#
132	35.0	21.1	31.7	#

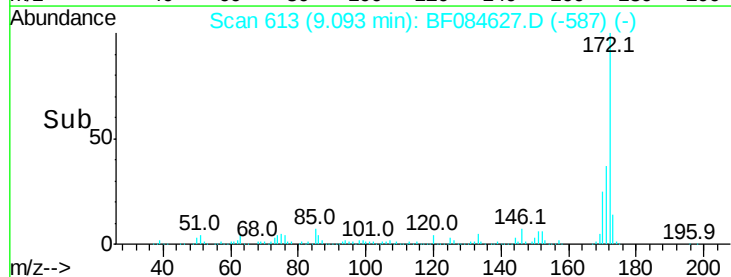
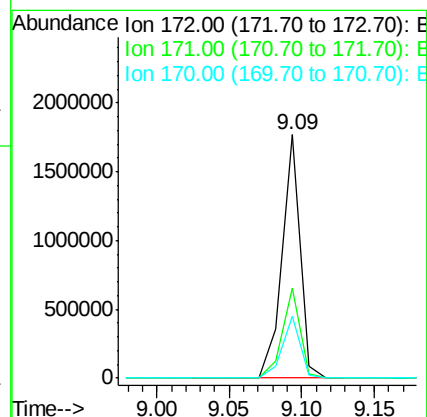
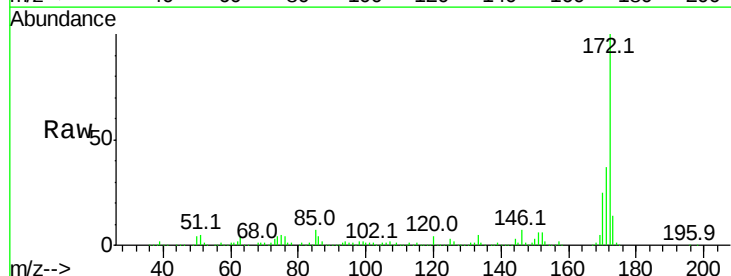
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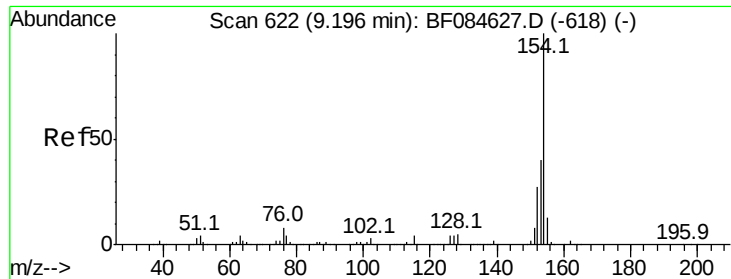
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 77.71 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1521428		
171	36.9	28.9	43.3	
170	25.3	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 47.13 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1113770

Ion Ratio Lower Upper

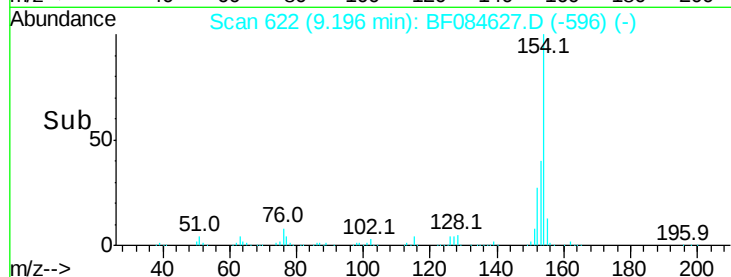
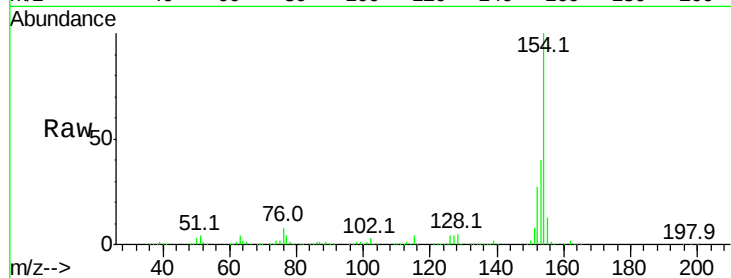
154 100

153 40.1 21.6 61.6

76 7.7 0.0 32.7

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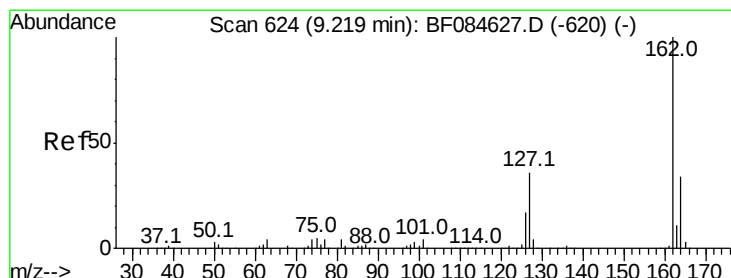
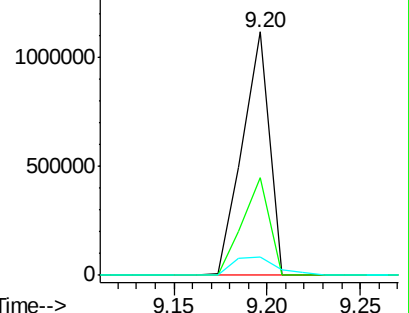
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.47 ng

RT: 9.22 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

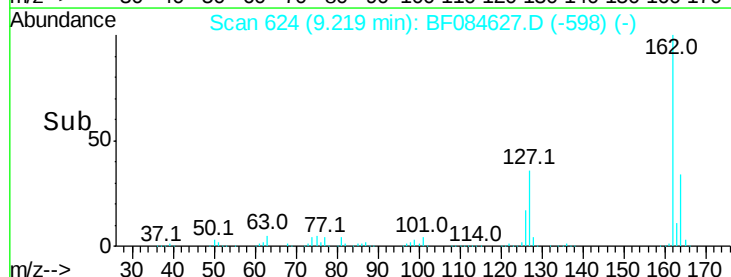
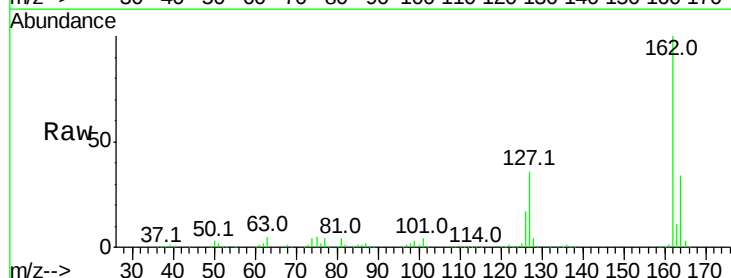
Tgt Ion:162 Resp: 788437

Ion Ratio Lower Upper

162 100

127 35.9 40.2 60.4#

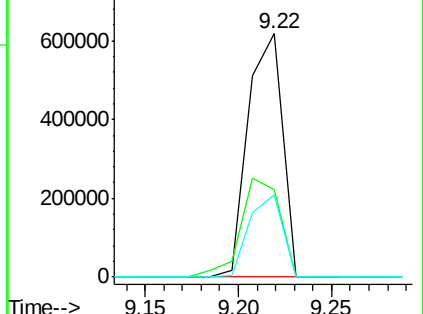
164 33.8 25.7 38.5

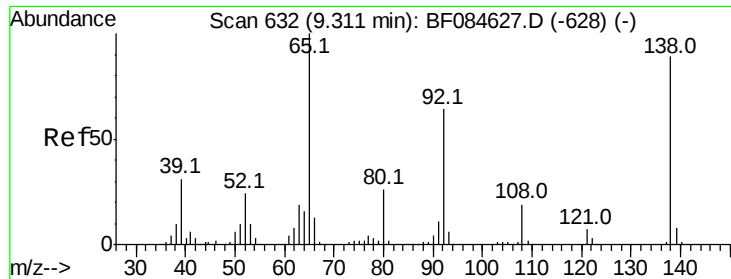


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





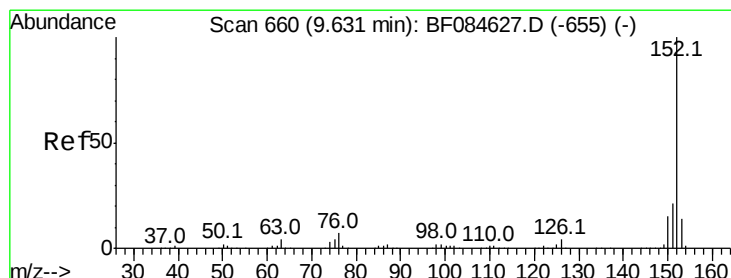
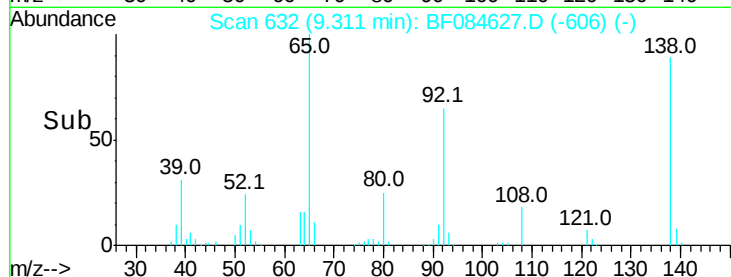
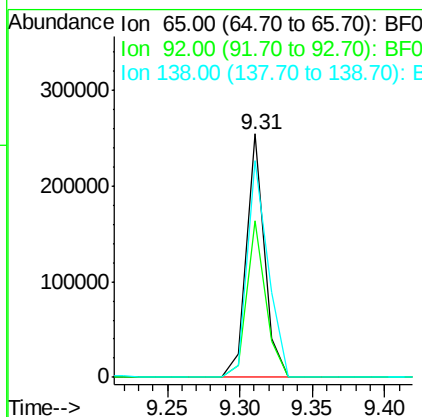
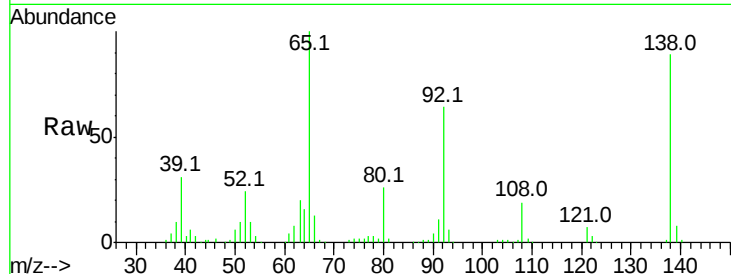
#47
2-Nitroaniline
Concen: 35.89 ng
RT: 9.31 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.5	53.4	80.2
138	89.1	71.1	106.7

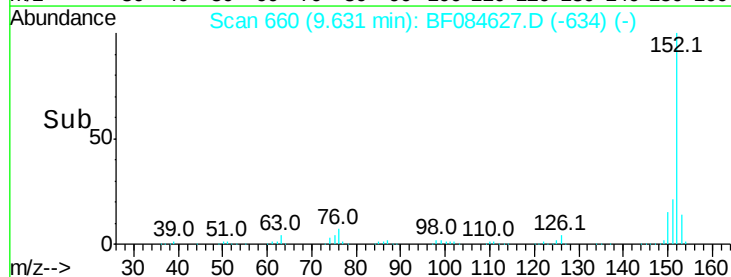
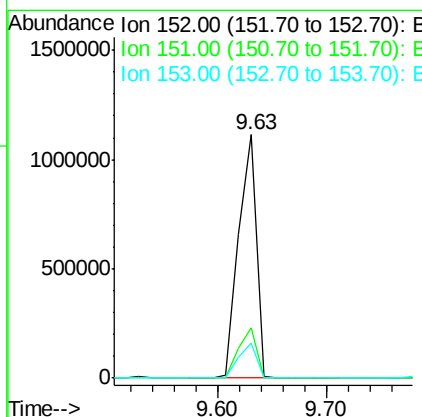
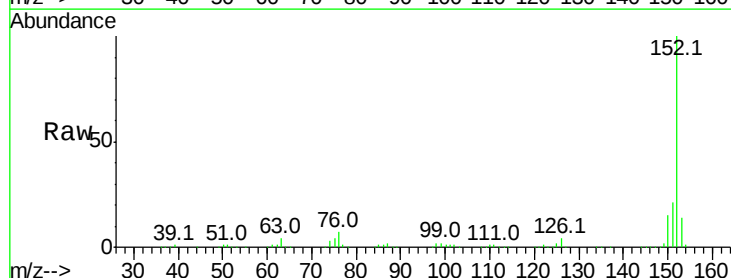
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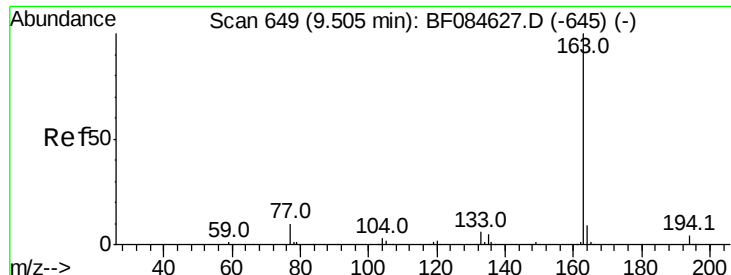
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#48
Acenaphthylene
Concen: 44.87 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.2	10.4	15.6





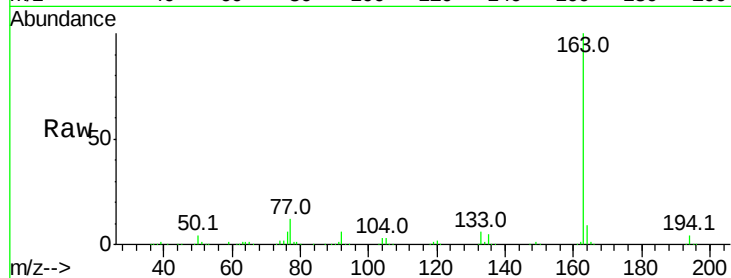
#49
Dimethylphthalate
Concen: 41.04 ng
RT: 9.50 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

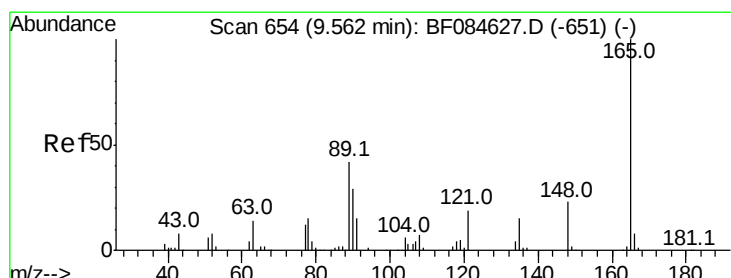
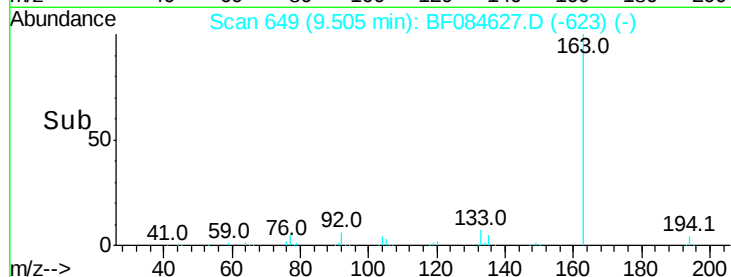
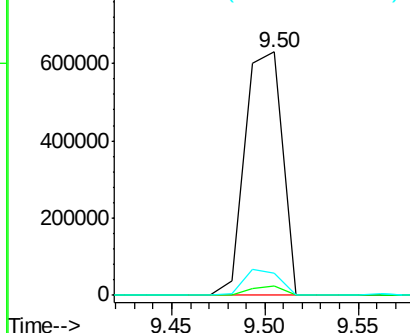
Tot Ion	Ratio	Resp	Lower	Upper
163	100	872328		
194	3.7		8.0	12.0#
164	9.2		8.0	12.0

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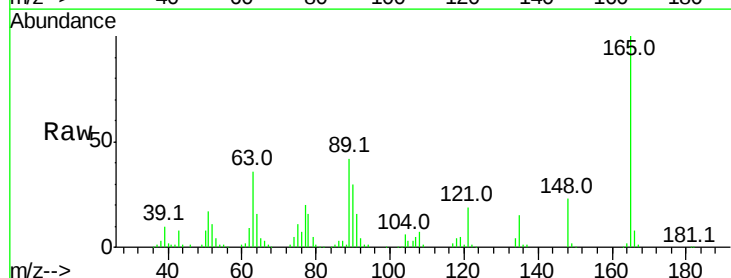


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

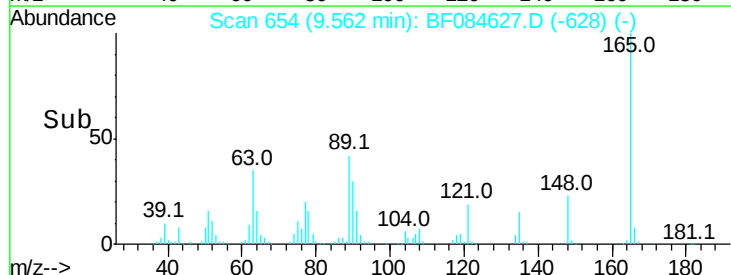
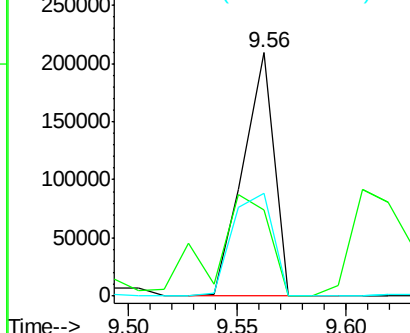


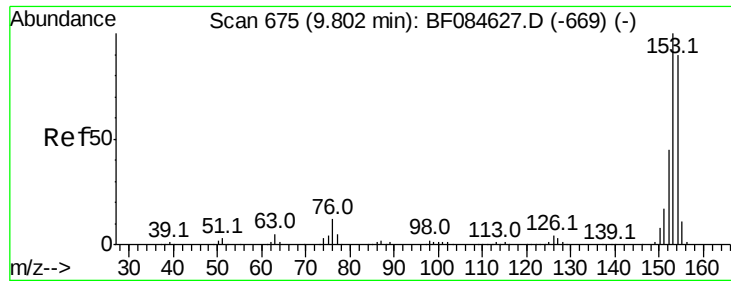
#50
2,6-Dinitrotoluene
Concen: 44.59 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	207895		
63	35.5		28.8	43.2
89	42.0		35.1	52.7



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: 46.33 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF084627.D

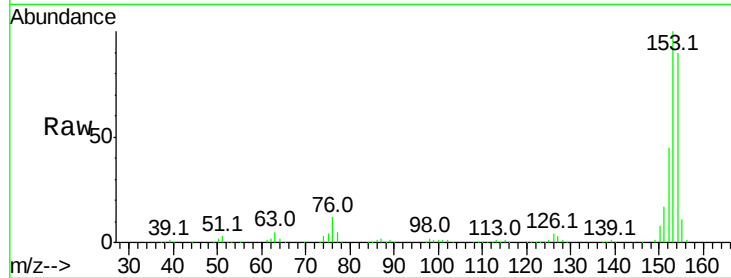
Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

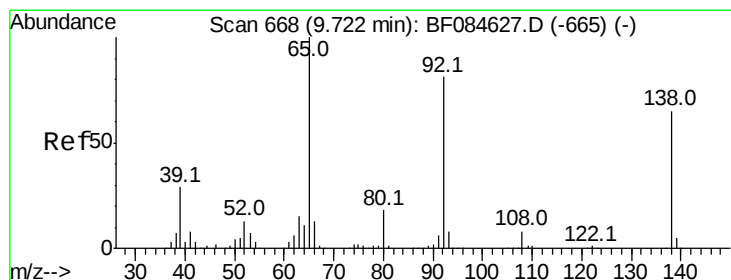
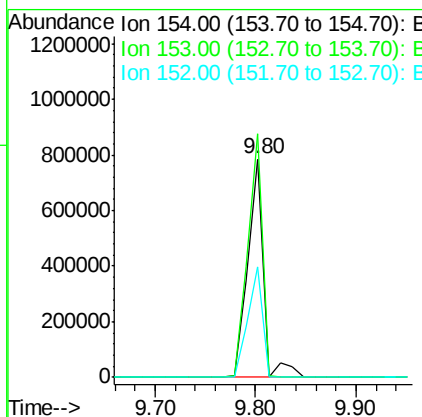
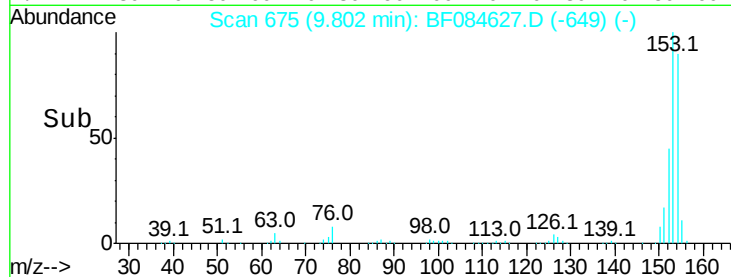
SSTDICCC040



Tot Ion	154	Resp	852285
Ion Ratio	Lower	Upper	
154	100		
153	111.7	91.5	137.3
152	50.4	43.0	64.6

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#52

3-Nitroaniline

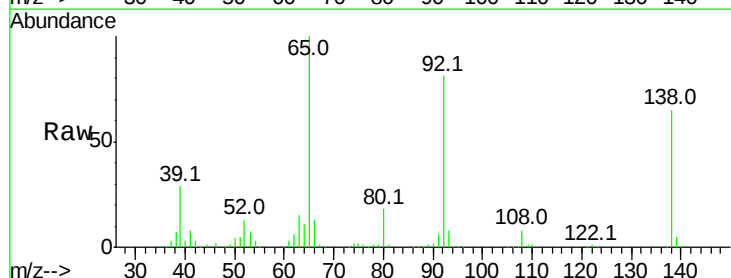
Concen: 33.22 ng

RT: 9.72 min Scan# 668

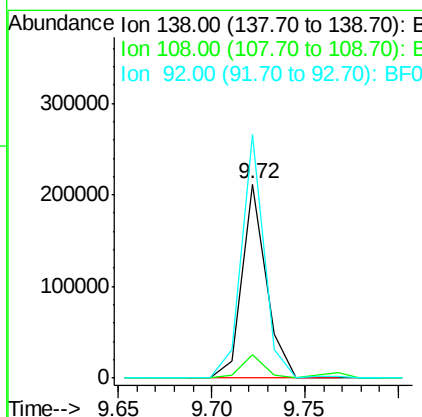
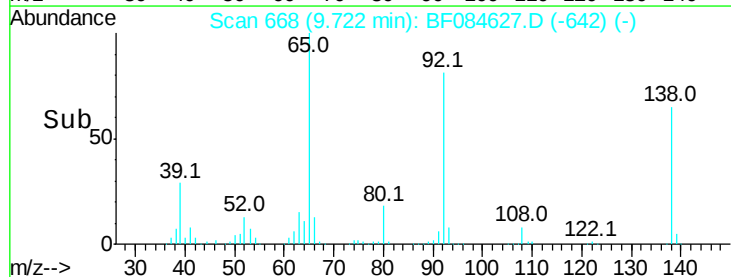
Delta R.T. 0.00 min

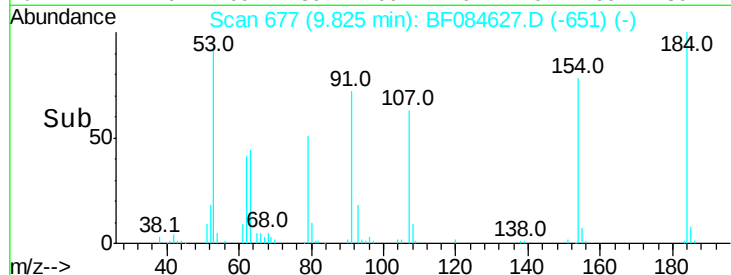
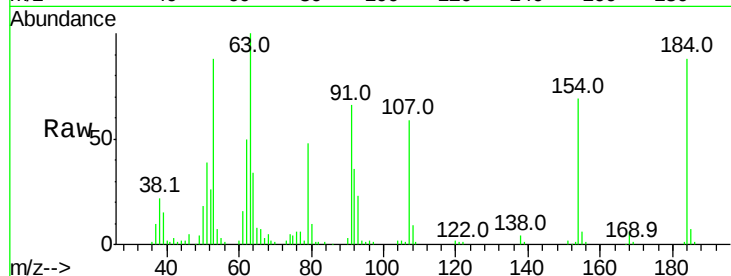
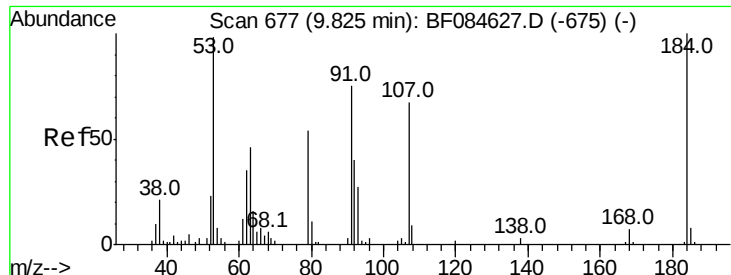
Lab File: BF084627.D

Acq: 29 Jan 2016 10:34



Tgt Ion	138	Resp	191902
Ion Ratio	Lower	Upper	
138	100		
108	11.9	10.5	15.7
92	125.7	103.9	155.9





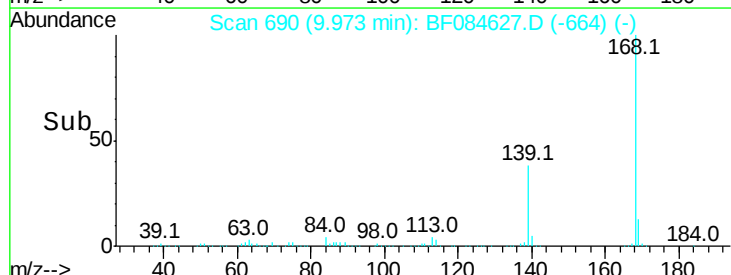
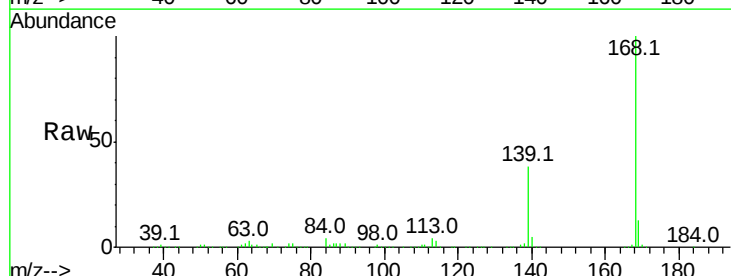
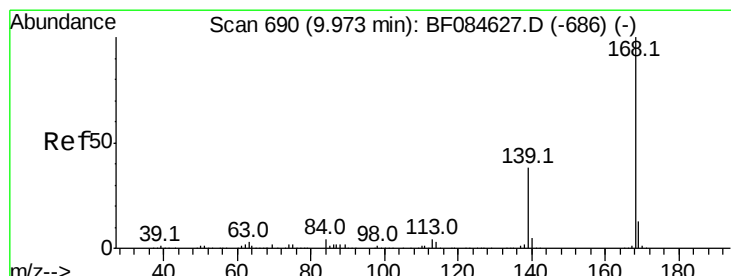
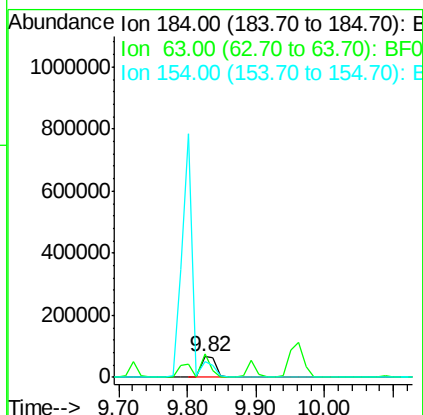
#53
2,4-Dinitrophenol
Concen: 74.24 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Tot Ion	Ratio	Resp	Lower	Upper
184	100	102765		
63	113.7	43.1	64.7#	
154	78.4	60.5	90.7	

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

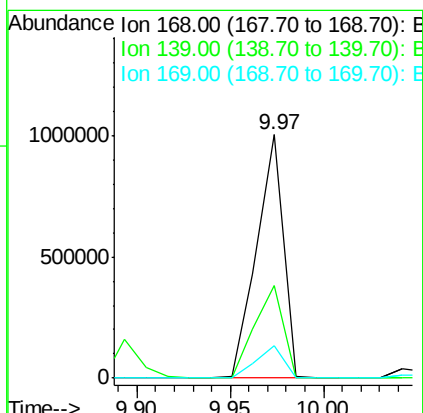
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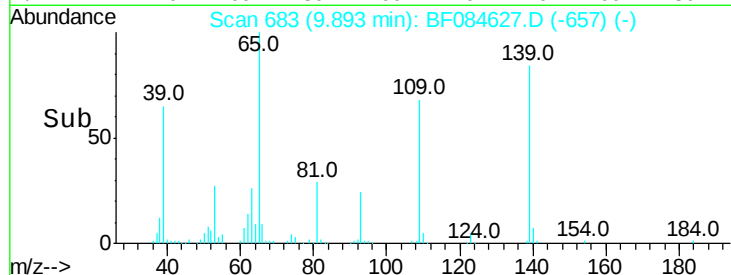
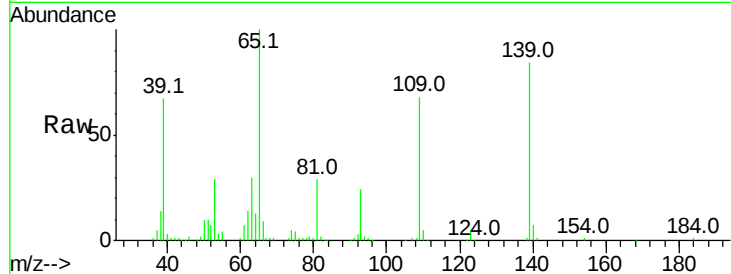
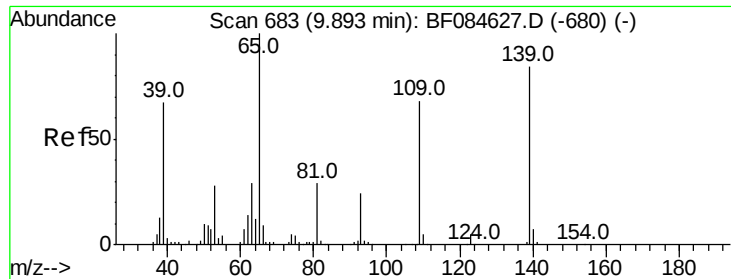
mohammad
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#54
Dibenzofuran
Concen: 36.77 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	990690		
139	38.0	30.5	45.7	
169	13.3	10.4	15.6	





#55

4-Nitrophenol

Concen: 35.65 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF084627.D

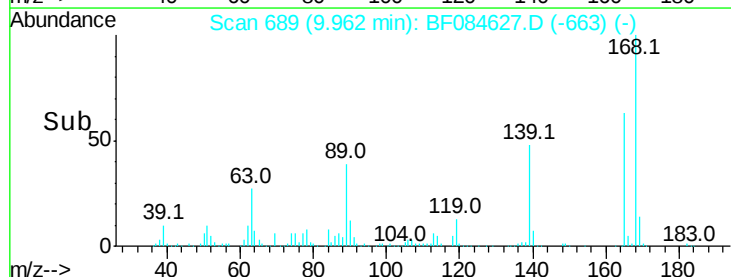
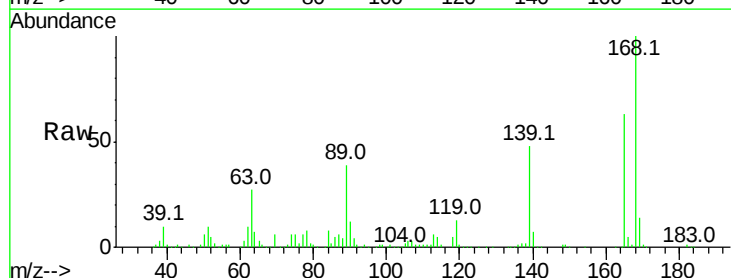
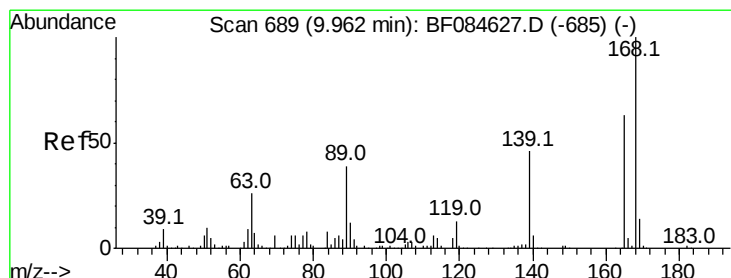
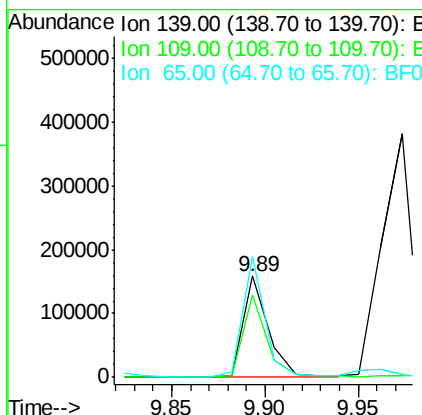
Acq: 29 Jan 2016 10:34

Tot Ion:	139	Resp:	149477
Ion Ratio	Lower	Upper	
139	100		
109	81.3	58.5	98.5
65	119.1	57.6	97.6#

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 45.91 ng

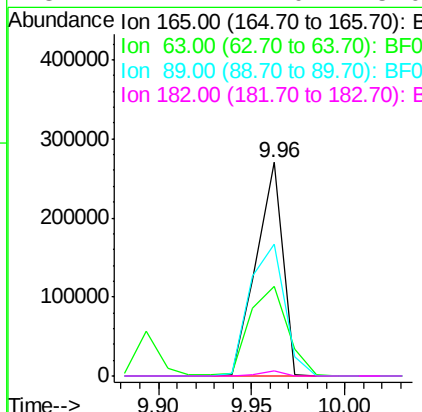
RT: 9.96 min Scan# 689

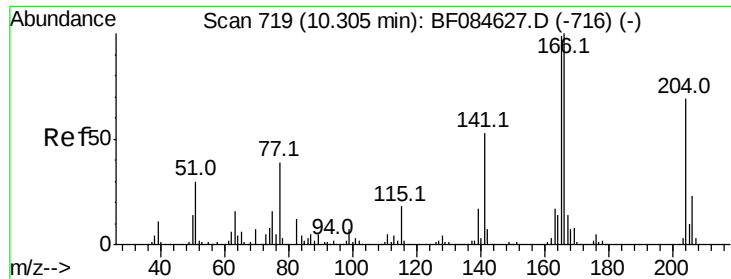
Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tgt Ion:	165	Resp:	270884
Ion Ratio	Lower	Upper	
165	100		
63	42.2	36.7	55.1
89	61.6	61.9	92.9#
182	2.2	2.0	3.0





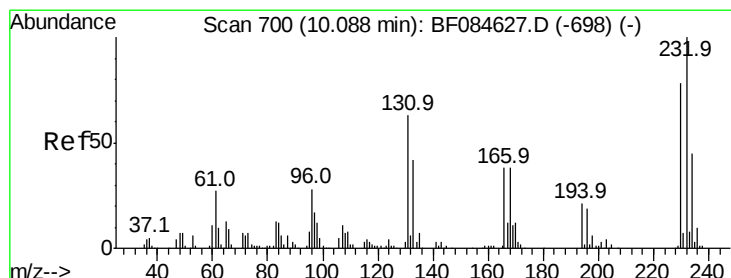
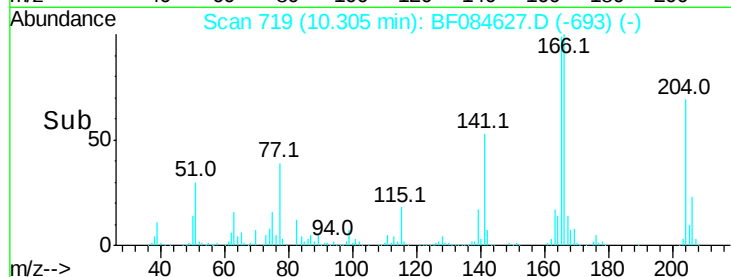
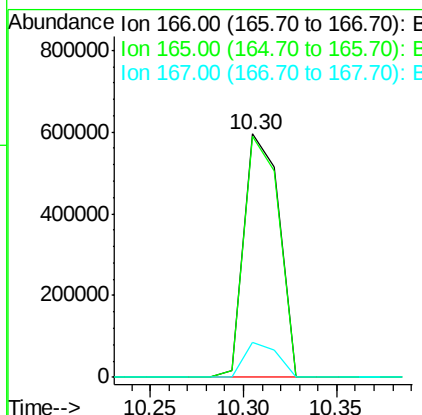
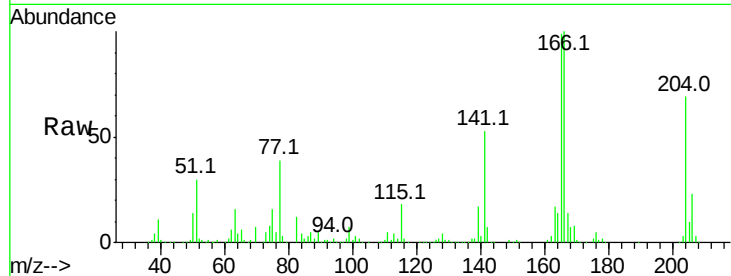
#57
Fluorene
 Concen: 37.21 ng
 RT: 10.30 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	14.3	10.4	15.6

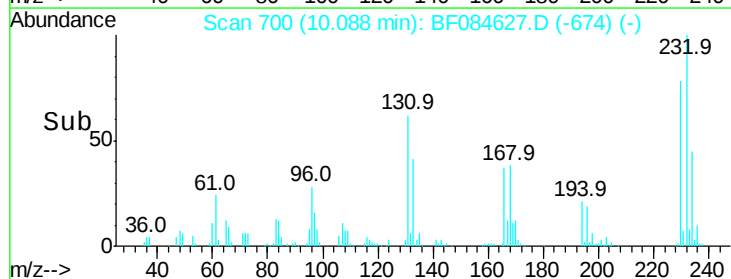
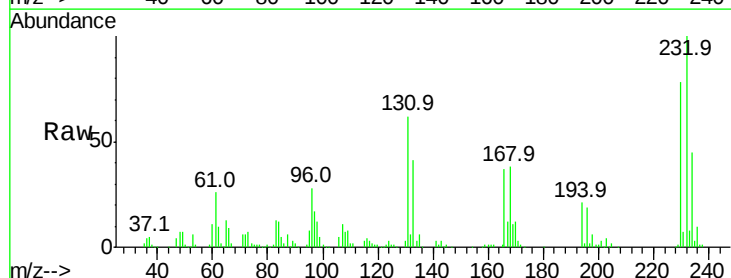
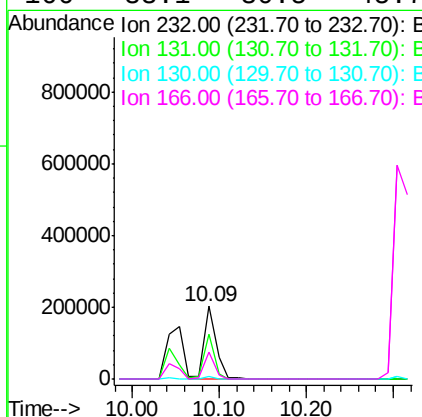
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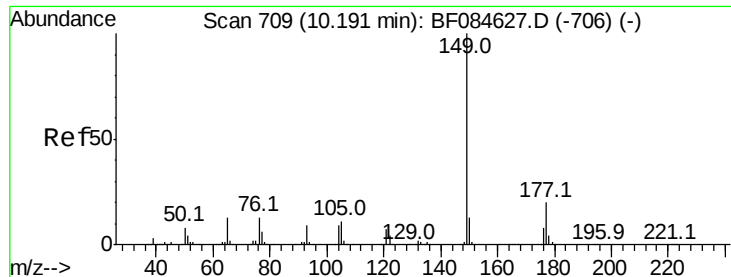
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.58 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.2	47.0	70.6
130	2.7	2.0	3.0
166	33.1	30.5	45.7





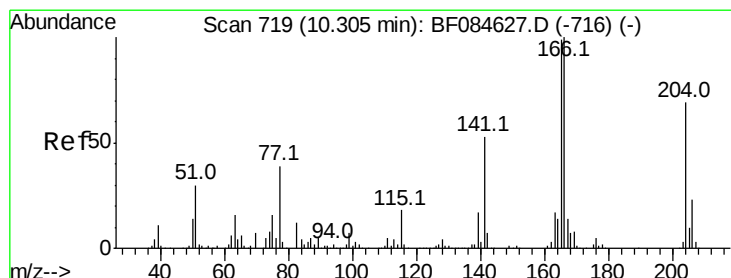
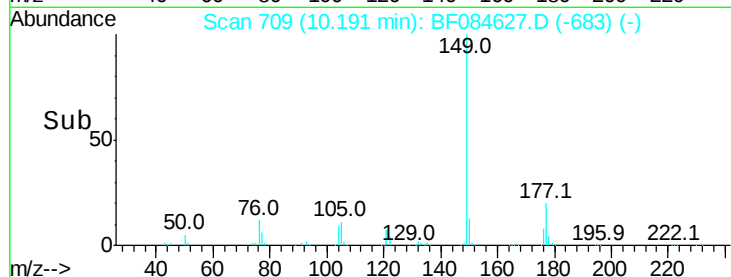
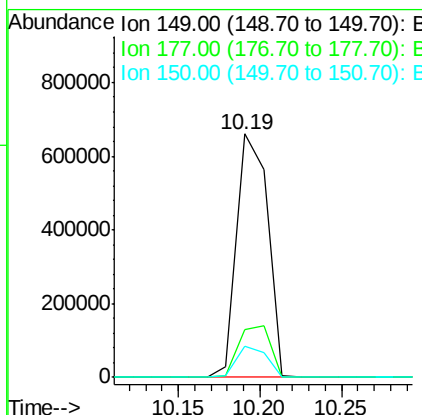
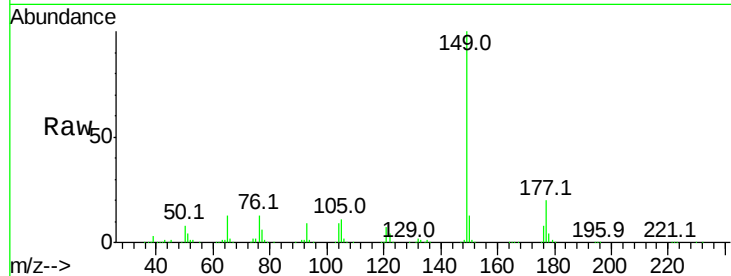
#59
Diethylphthalate
Concen: 41.21 ng
RT: 10.19 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	863612		
177	19.6		17.3	25.9
150	12.8		9.8	14.8

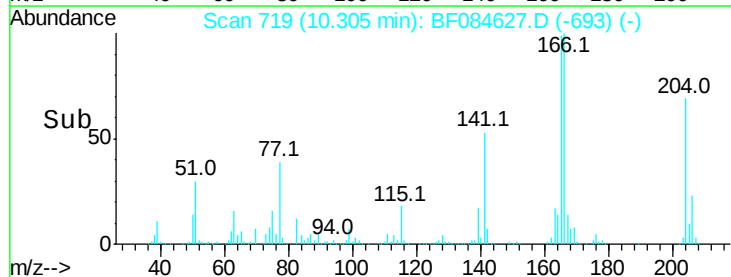
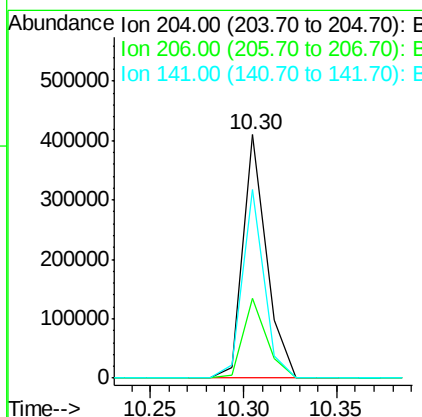
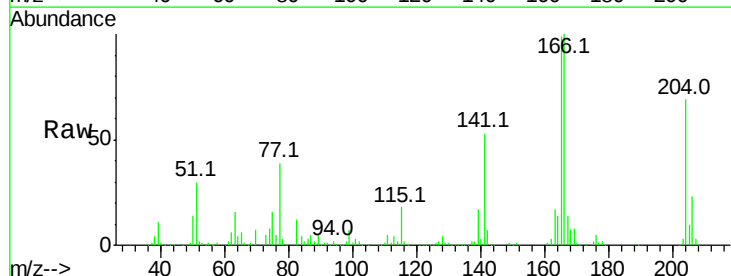
Manual Integrations
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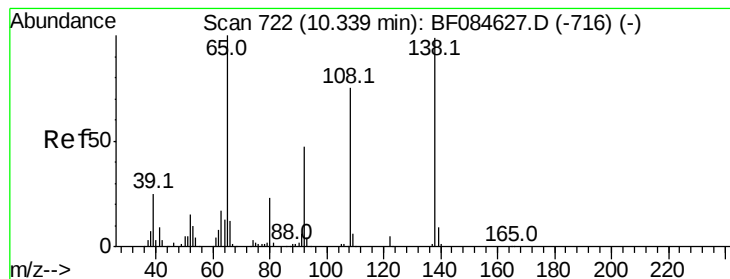
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#60
4-Chlorophenyl-phenylether
Concen: 42.91 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	359905		
206	32.8		25.7	38.5
141	77.3		55.1	82.7





#61

4-Nitroaniline

Concen: 45.15 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

Tot Ion:138 Resp: 232490

Ion Ratio Lower Upper

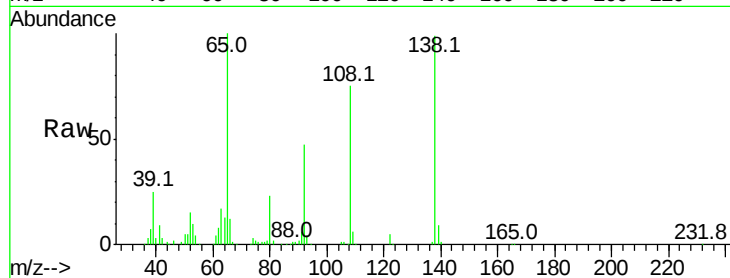
138 100

92 47.9 32.6 72.6

108 75.6 68.6 108.6

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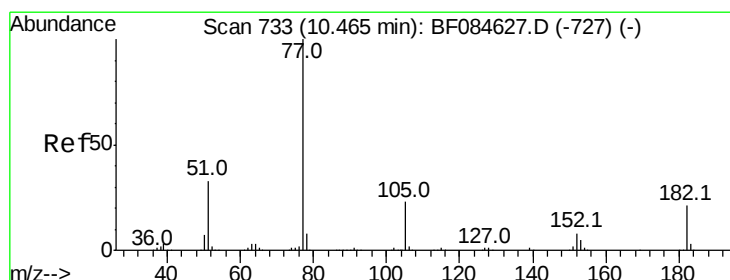
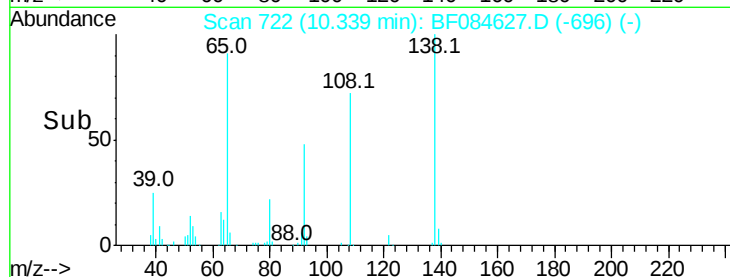
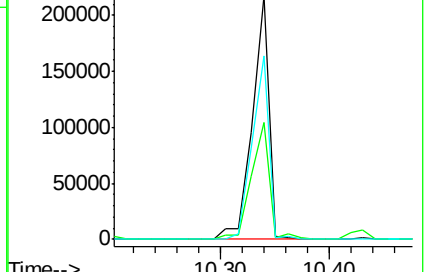
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.16 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tgt Ion: 77 Resp: 877137

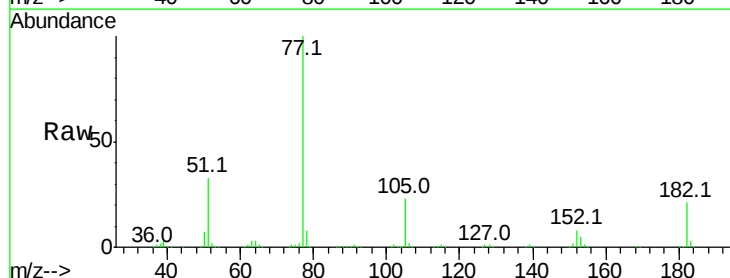
Ion Ratio Lower Upper

77 100

182 20.6 8.3 48.3

105 22.8 4.6 44.6

51 32.7 6.2 46.2

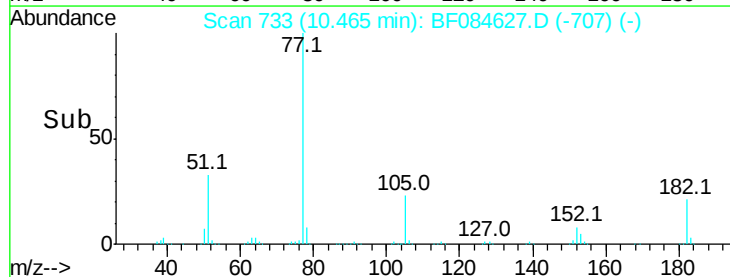
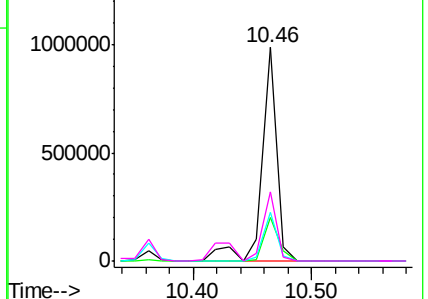


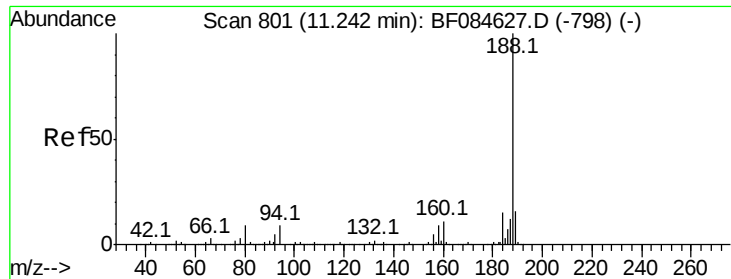
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:188 Resp: 527540

Ion Ratio Lower Upper

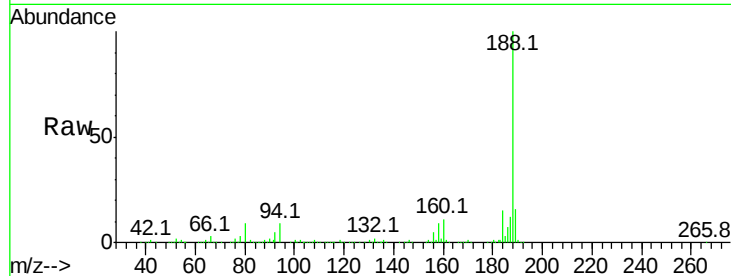
188 100

94 8.9 9.0 13.4#

80 9.4 9.6 14.4#

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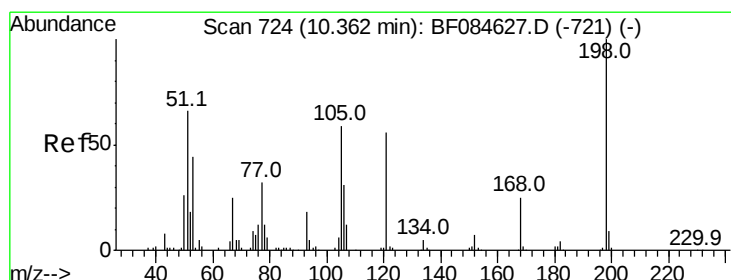
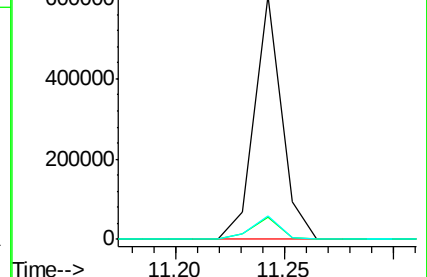
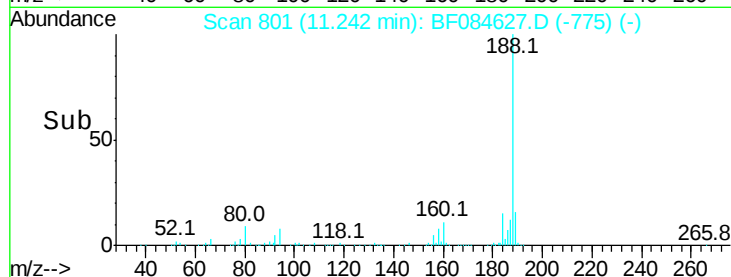
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.86 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

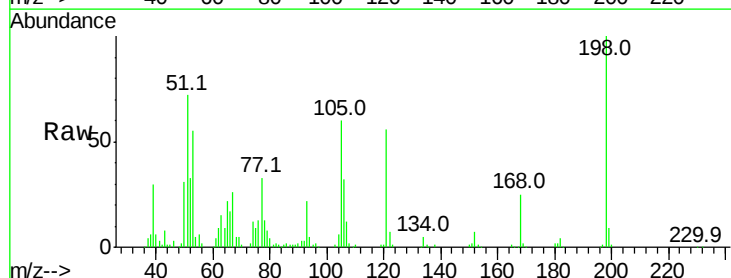
Tgt Ion:198 Resp: 137041

Ion Ratio Lower Upper

198 100

51 72.4 18.9 58.9#

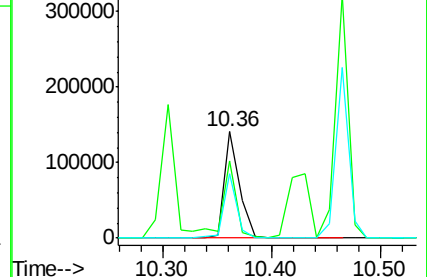
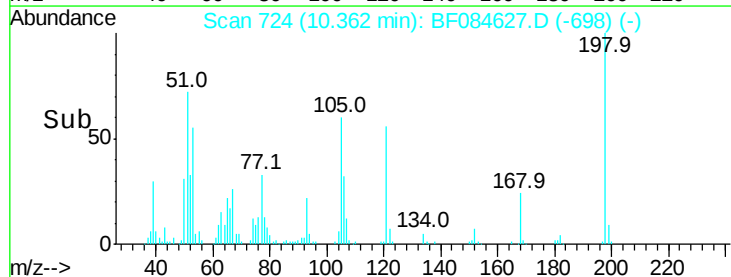
105 60.1 26.4 66.4

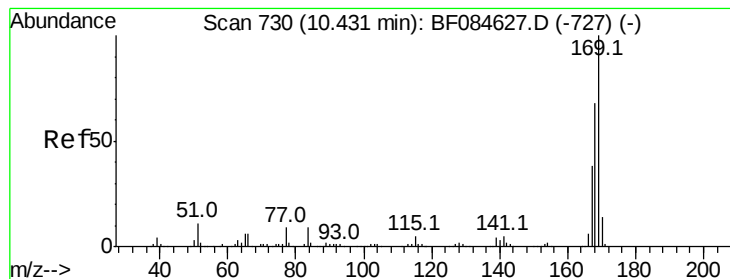


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





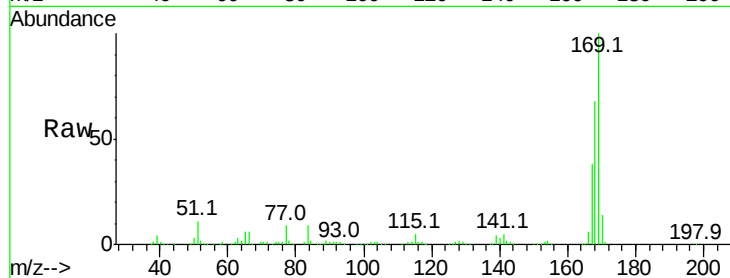
#65
n-Nitrosodiphenylamine
Concen: 43.01 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

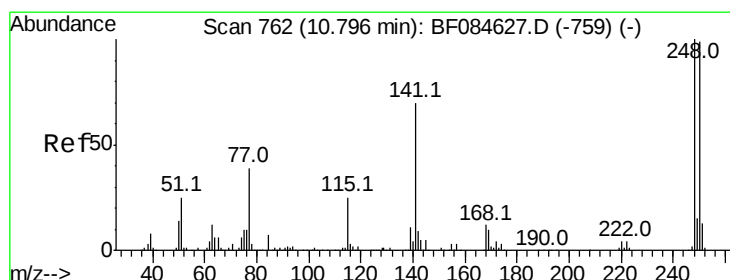
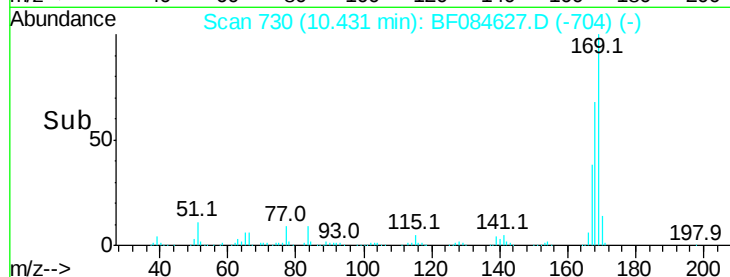
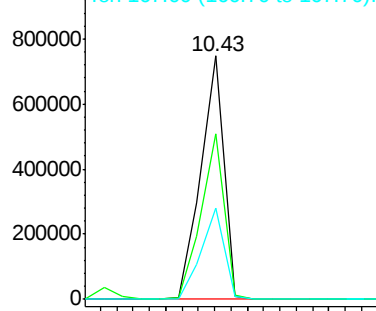
Tot Ion	Ratio	Resp	Lower	Upper
169	100	725394		
168	68.0		55.1	82.7
167	37.7		30.0	45.0

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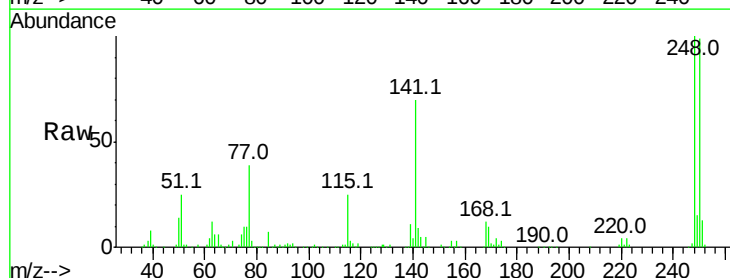


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

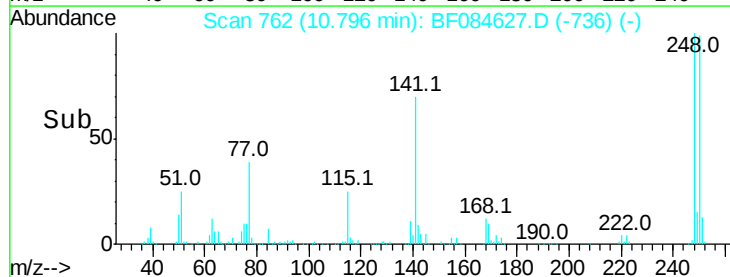
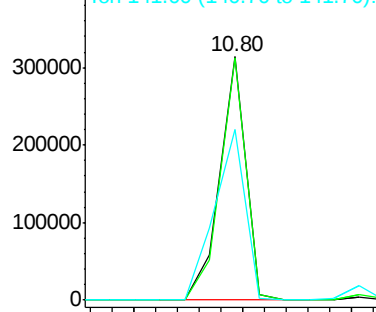


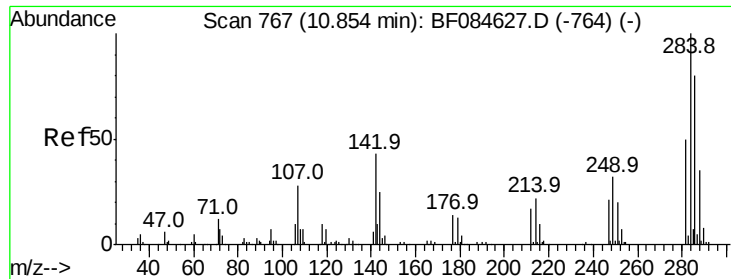
#66
4-Bromophenyl-phenylether
Concen: 45.99 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	261118		
250	99.3		78.4	117.6
141	69.9		44.0	66.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.13 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

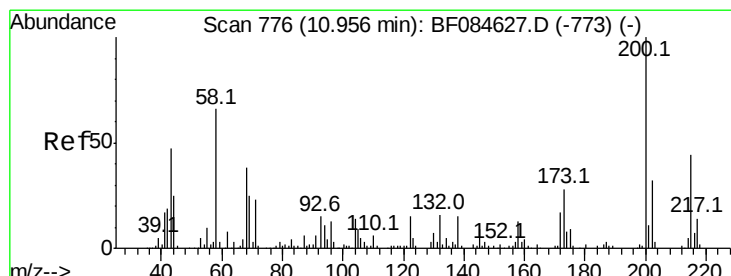
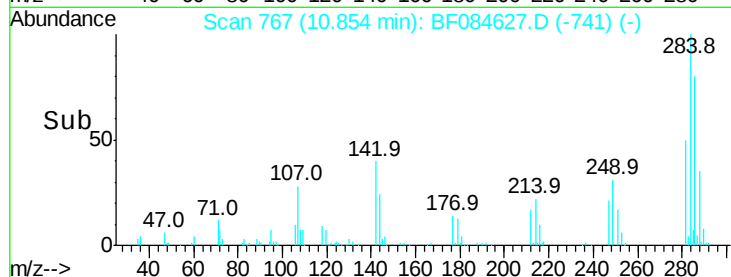
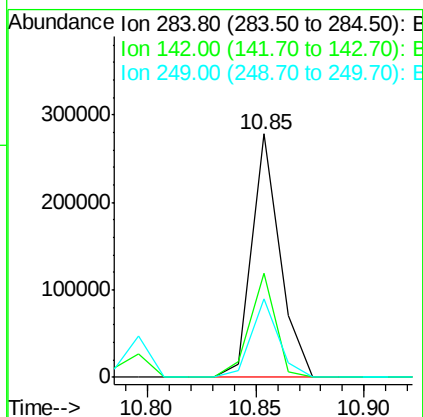
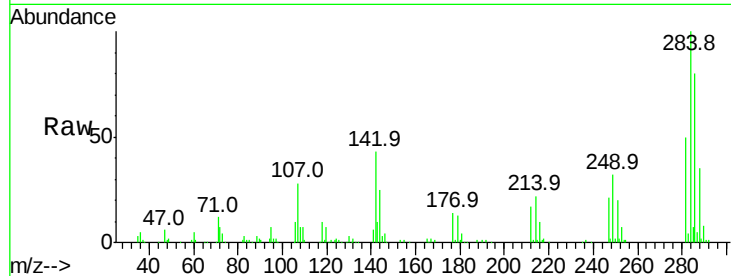
ClientSampleId :

SSTDICCC040

Tot Ion:	284	Resp:	250102
Ion Ratio		Lower	Upper
284	100		
142	42.5	22.2	33.4#
249	32.4	24.6	37.0

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#68

Atrazine

Concen: 36.43 ng

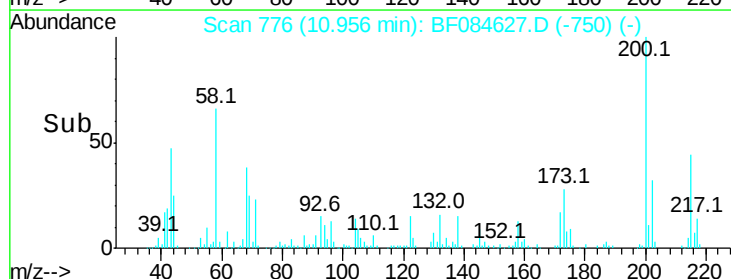
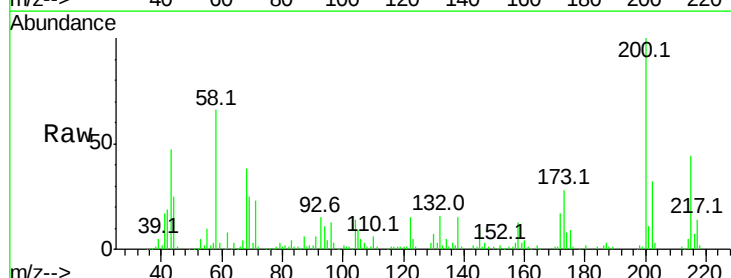
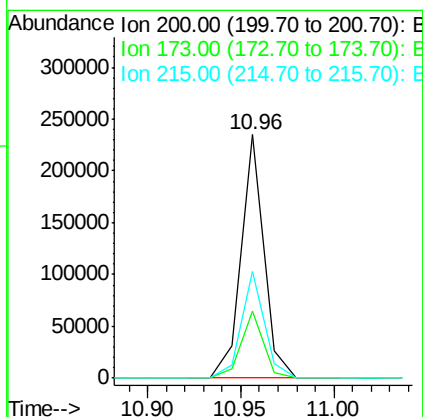
RT: 10.96 min Scan# 776

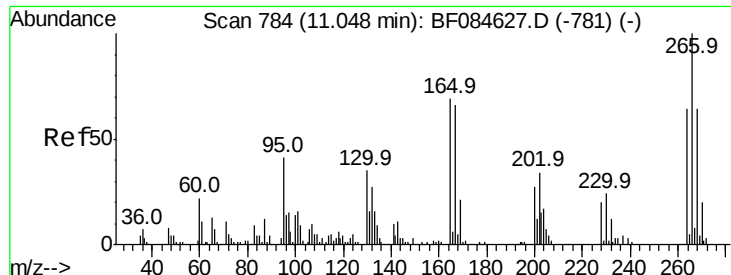
Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tgt Ion:	200	Resp:	201063
Ion Ratio		Lower	Upper
200	100		
173	27.7	9.5	49.5
215	43.6	23.8	63.8





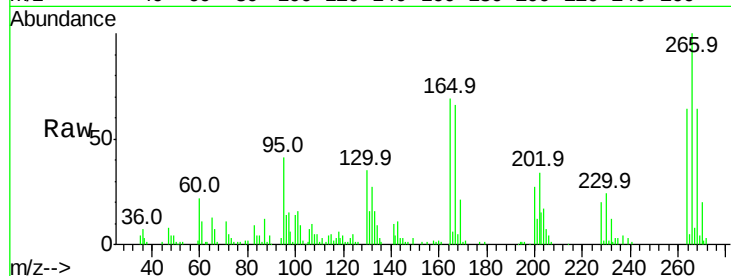
#69
 Pentachlorophenol
 Concen: 38.18 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

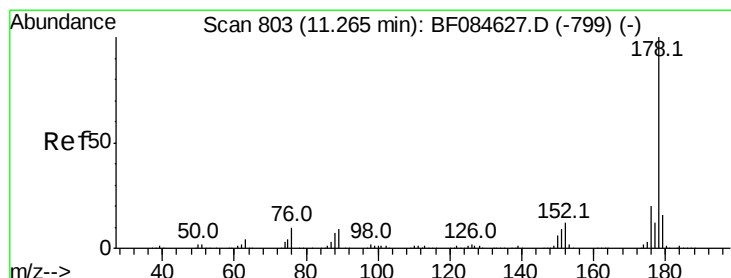
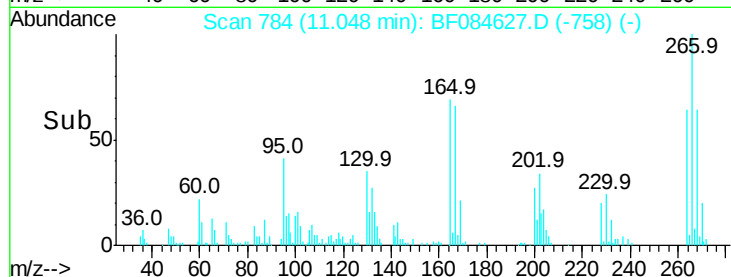
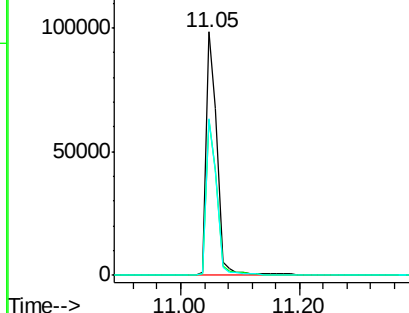
Tot Ion	Ratio	Resp	Lower	Upper
266	100	126502		
268	63.8	52.4	78.6	
264	64.4	50.2	75.2	

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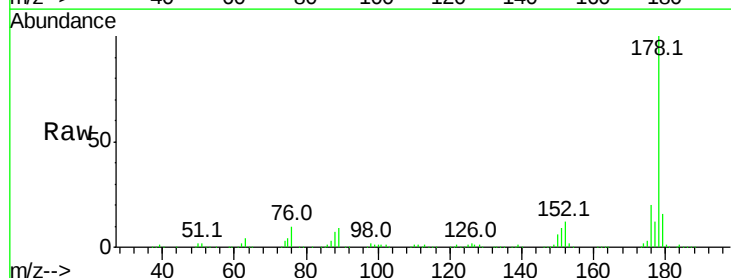


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

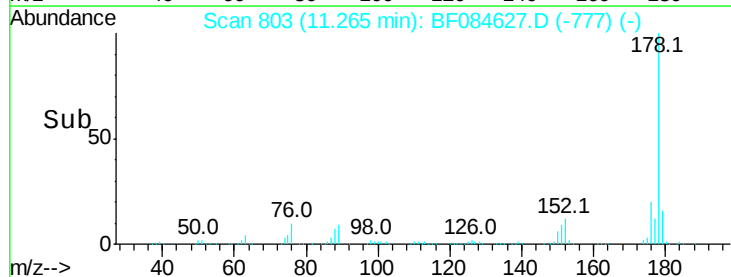
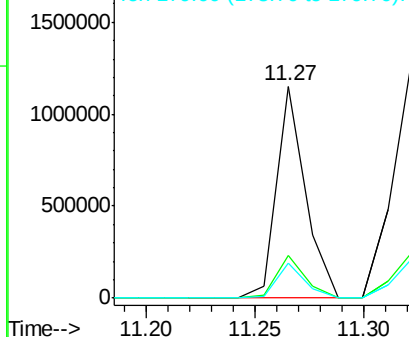


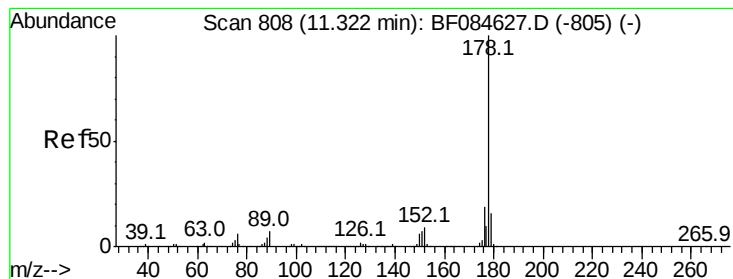
#70
 Phenanthrene
 Concen: 38.82 ng
 RT: 11.27 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1071183		
176	20.4	15.3	22.9	
179	16.5	12.0	18.0	



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





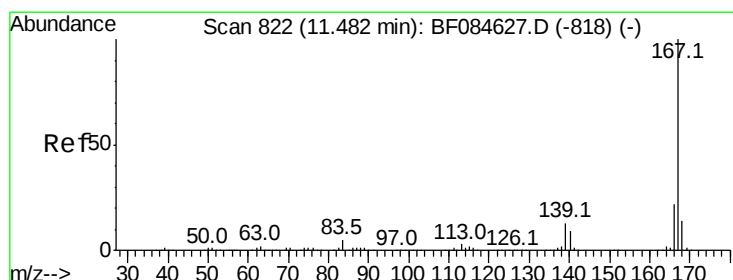
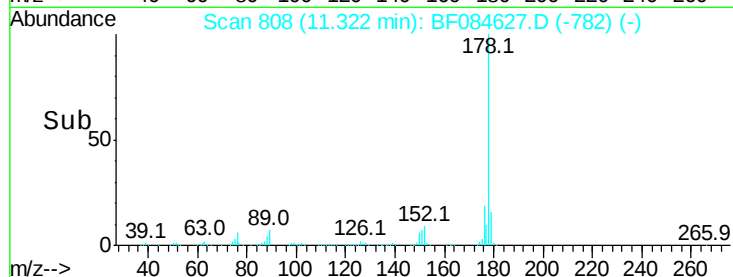
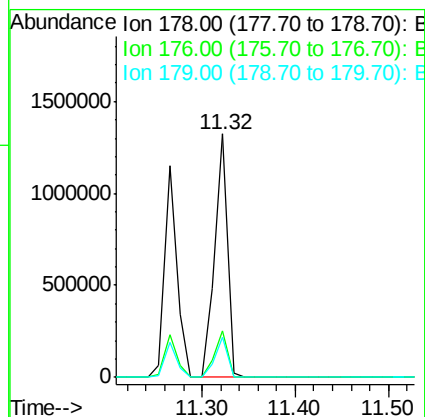
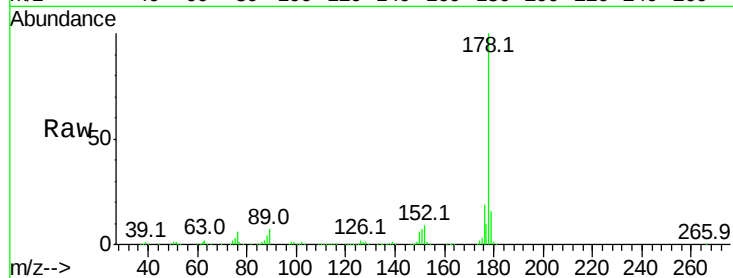
#71
 Anthracene
 Concen: 46.61 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

Tot Ion:178 Resp: 1260828
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 16.3 12.5 18.7

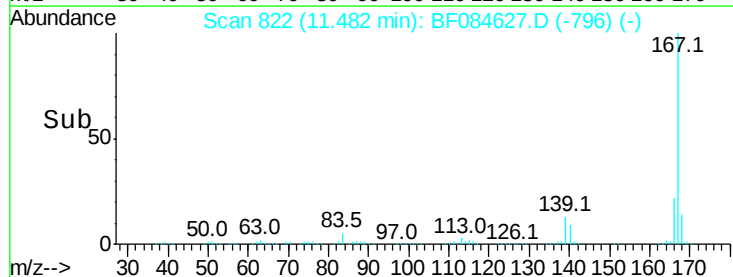
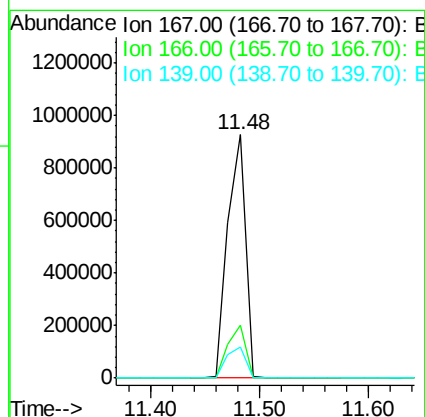
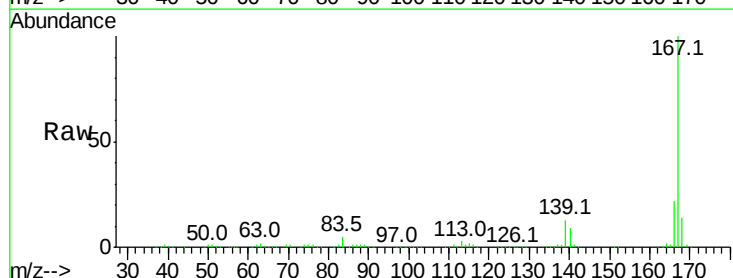
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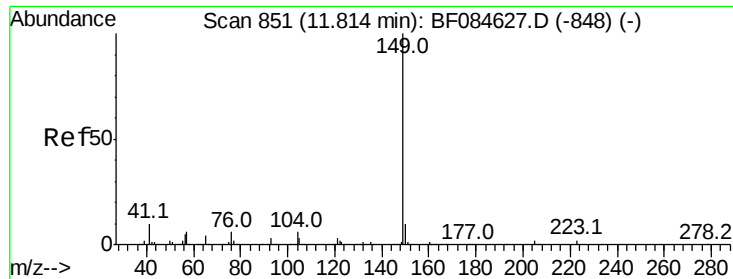
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#72
 Carbazole
 Concen: 39.98 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Tgt Ion:167 Resp: 1057272
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.7 11.8 17.8





#73

Di-n-butylphthalate

Concen: 40.81 ng

RT: 11.81 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1195727

Ion Ratio Lower Upper

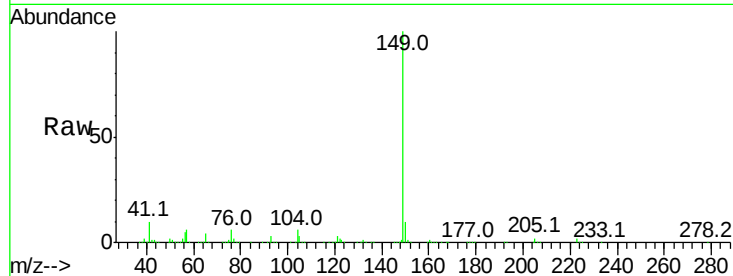
149 100

150 9.9 7.1 10.7

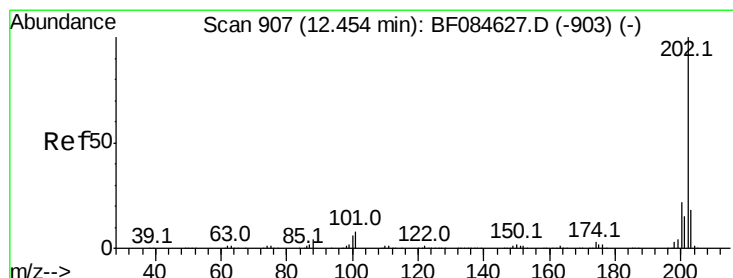
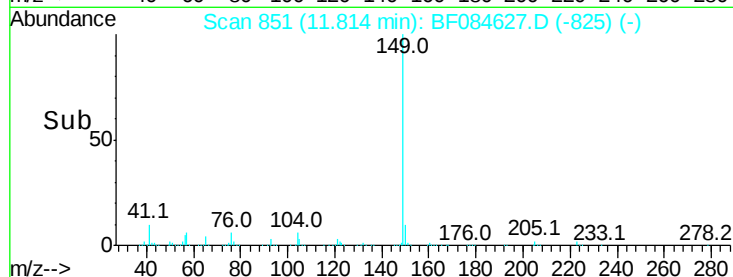
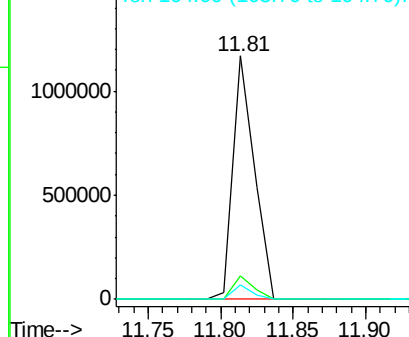
104 6.0 3.2 4.8#

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.04 ng

RT: 12.45 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

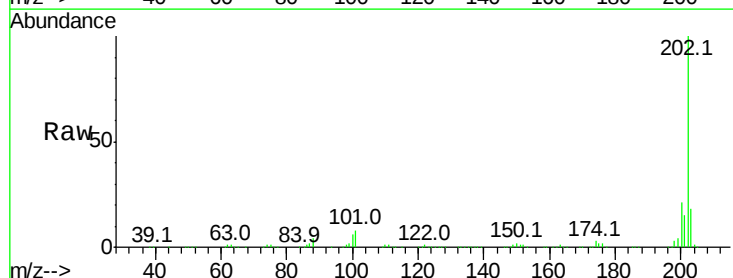
Tgt Ion:202 Resp: 1211765

Ion Ratio Lower Upper

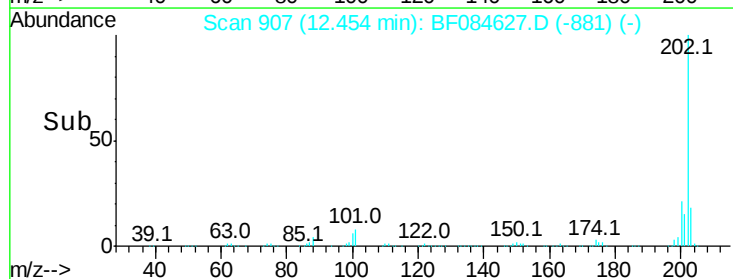
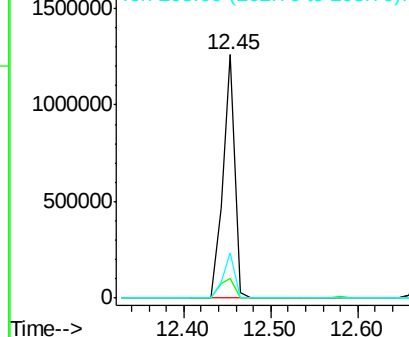
202 100

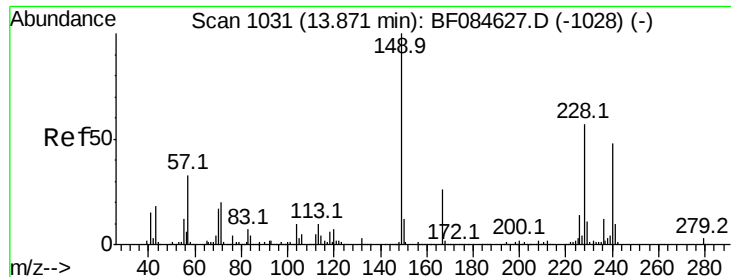
101 8.2 0.0 32.8

203 18.3 0.0 37.9



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

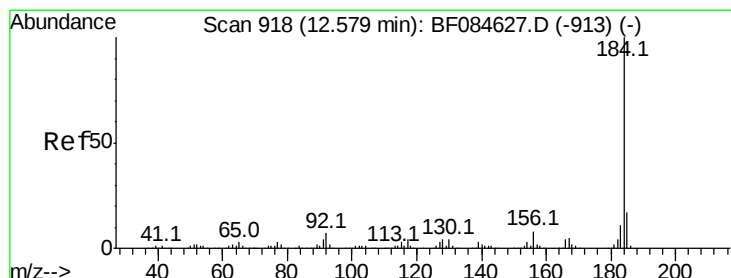
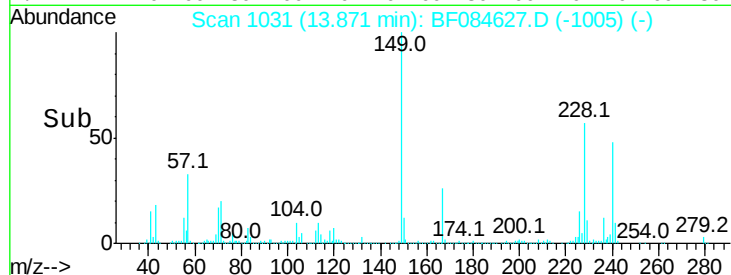
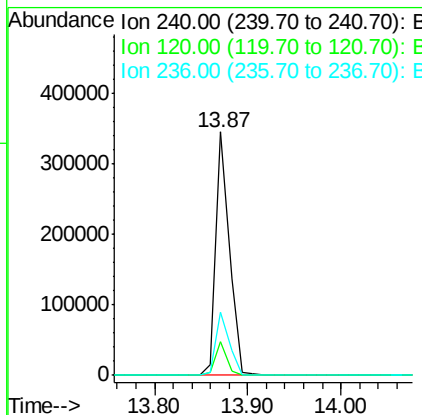
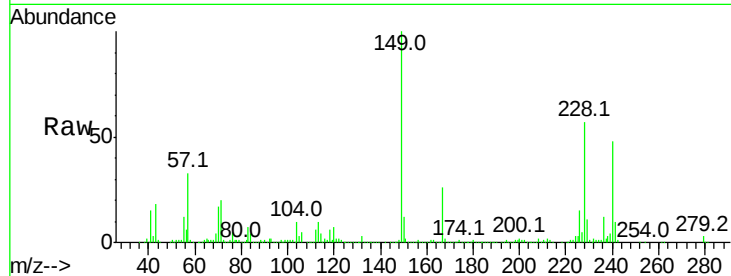
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	348974		
120	14.0	9.5	14.3	
236	25.8	20.6	31.0	

Manual Integrations
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#76

Benzidine

Concen: 49.95 ng

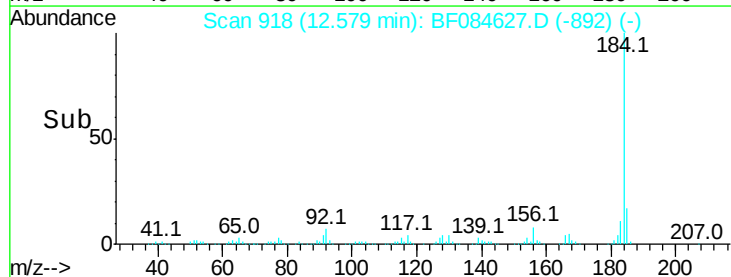
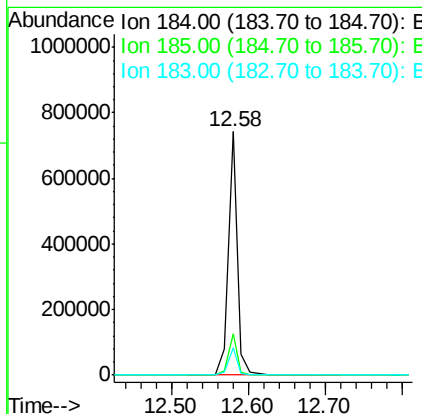
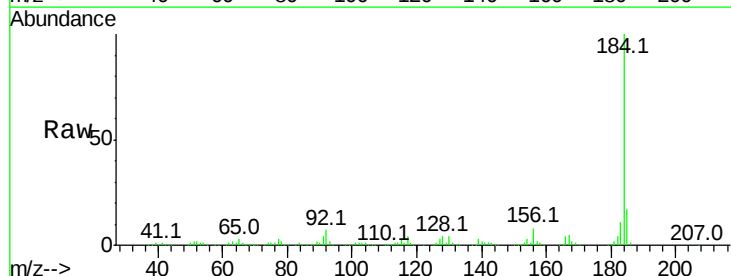
RT: 12.58 min Scan# 918

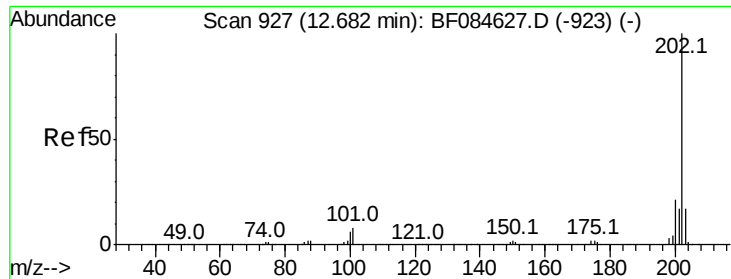
Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	625018		
185	17.1	12.2	18.2	
183	11.4	9.8	14.8	





#77

Pvrene

Concen: 43.56 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

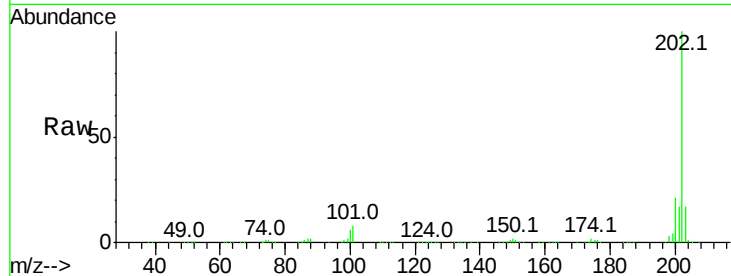
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.2	14.3	21.5

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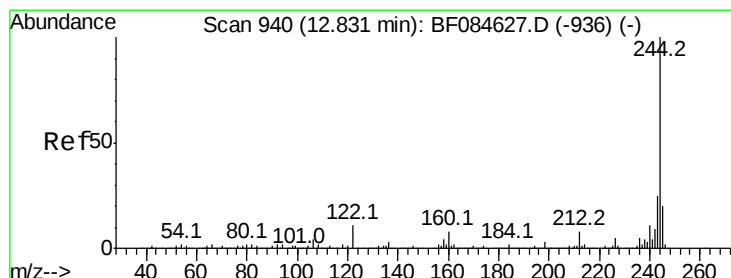
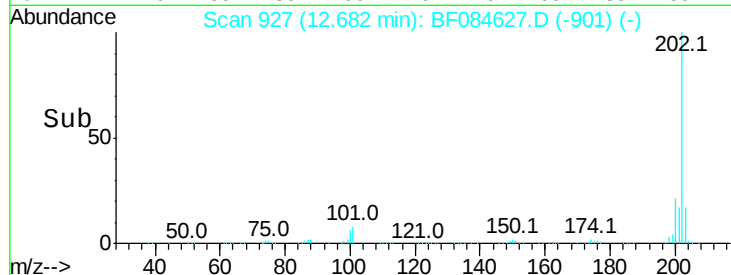
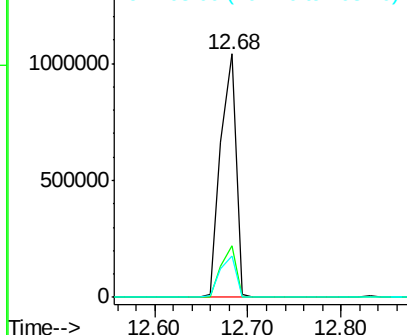
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.08 ng

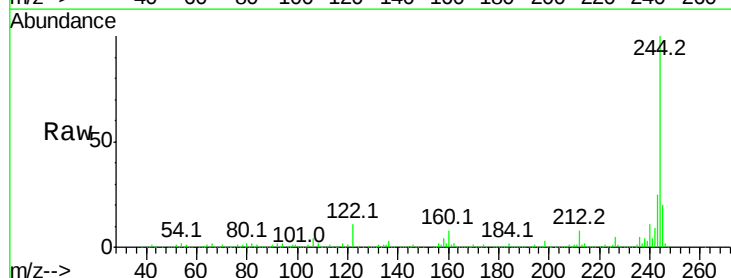
RT: 12.83 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

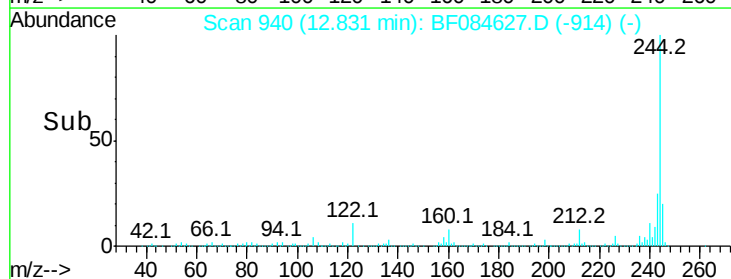
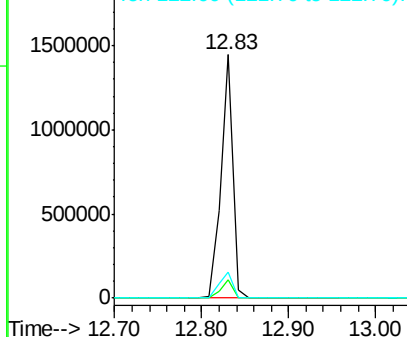
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	10.6	7.4	11.0

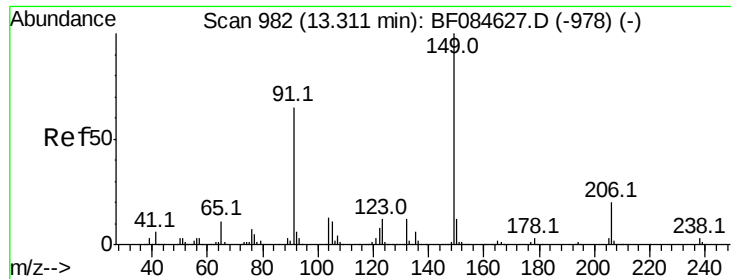


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





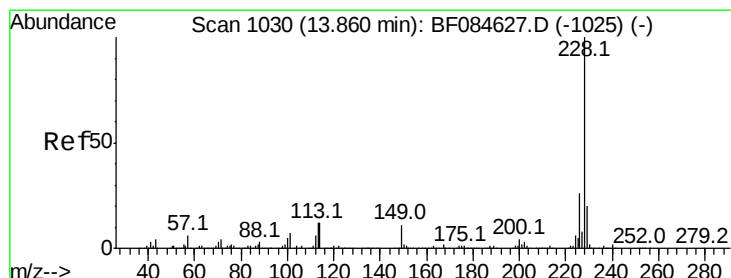
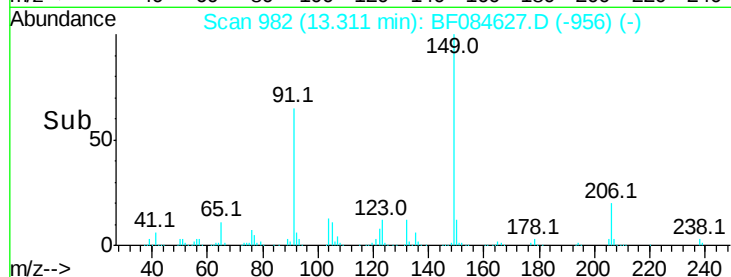
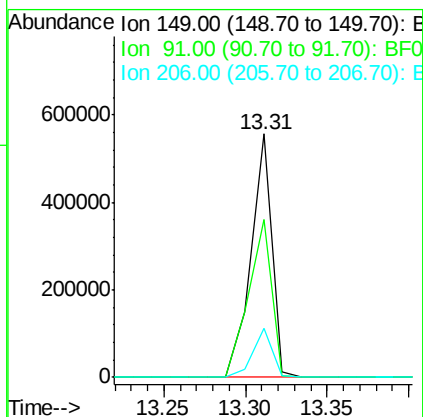
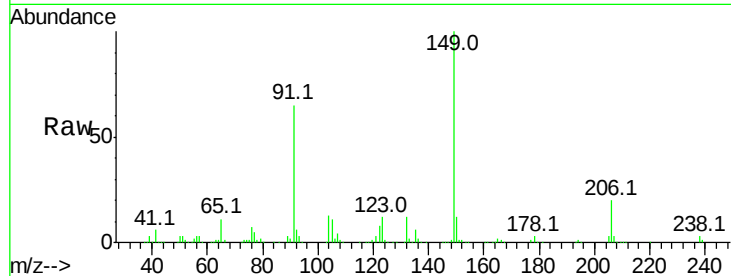
#79
Butylbenzylphthalate
Concen: 41.63 ng
RT: 13.31 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	493321		
91	64.6	57.6	86.4	
206	20.2	13.2	19.8	

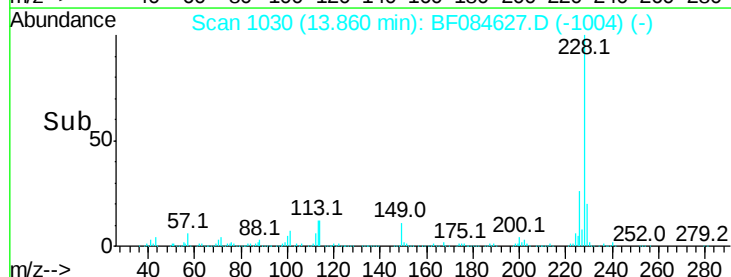
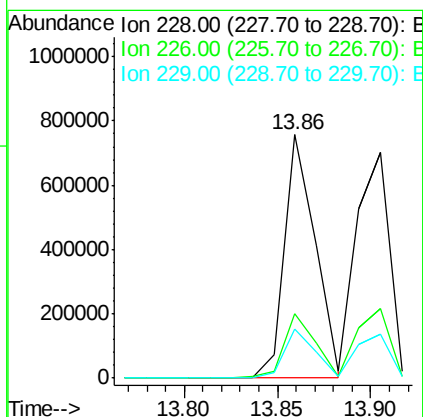
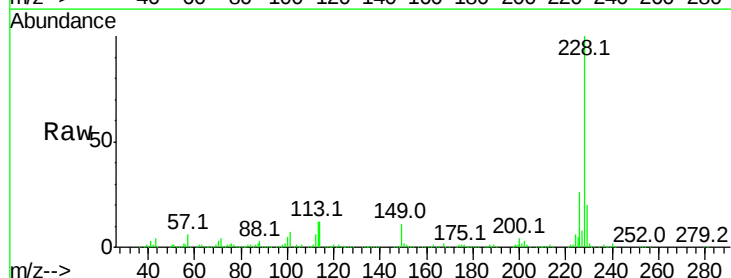
Manual Integrations
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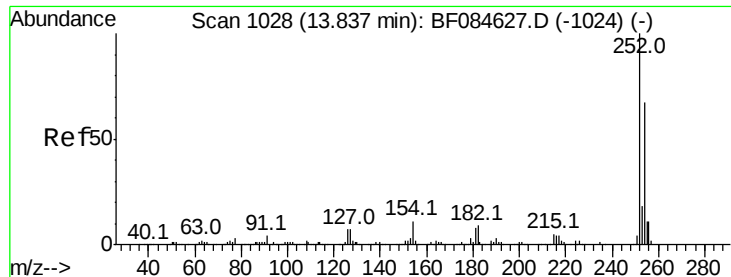
mohammad
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#80
Benzo(a)anthracene
Concen: 42.39 ng
RT: 13.86 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	868577		
226	26.4	21.8	32.6	
229	20.2	15.8	23.8	





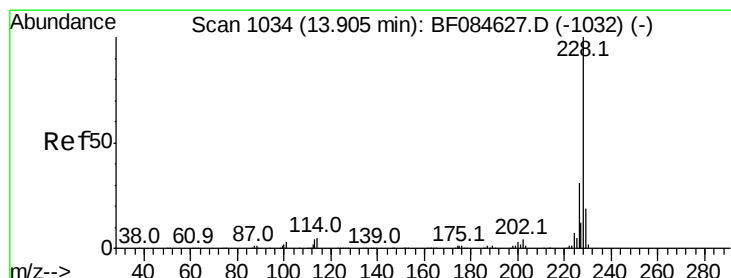
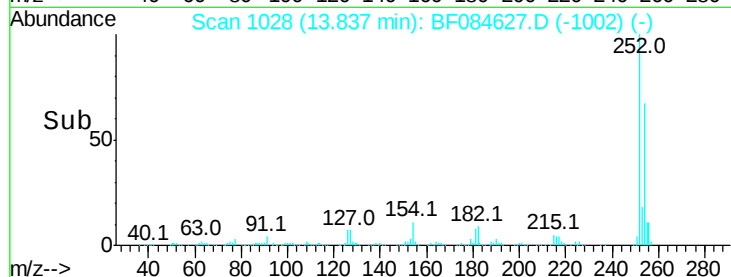
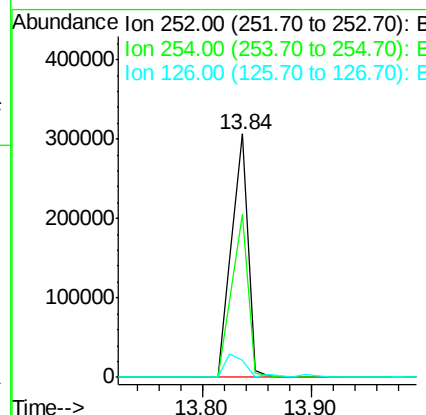
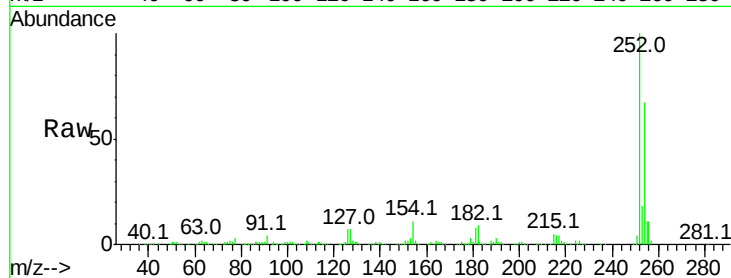
#81
 3,3'-Dichlorobenzidine
 Concen: 44.94 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	66.8	53.5	80.3	
126	7.0	4.9	7.3	

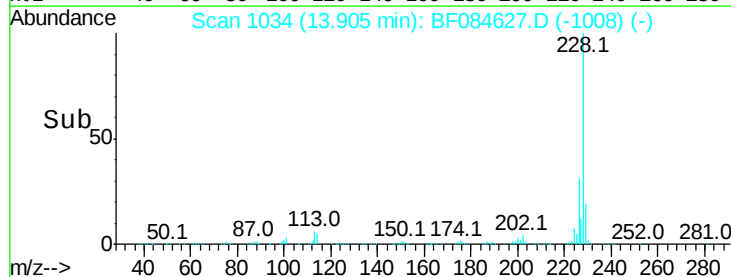
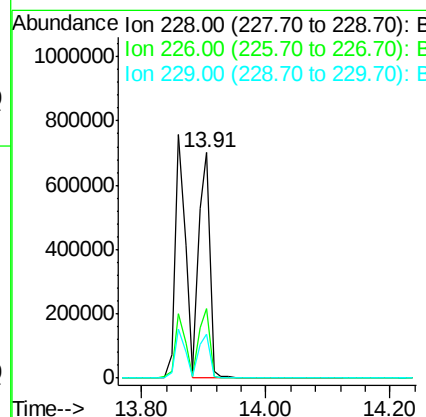
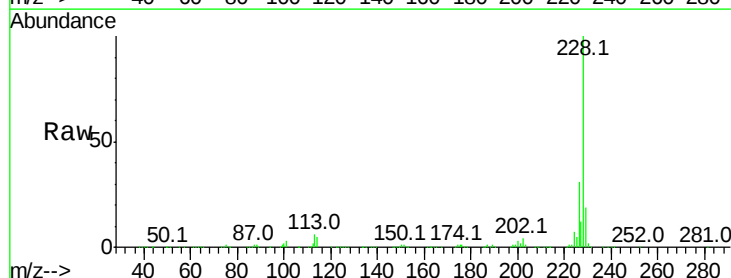
Manual Integrations
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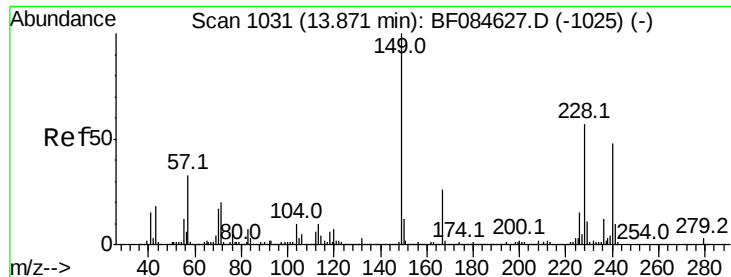
mohammad
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#82
 Chrysene
 Concen: 44.30 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.6	24.3	36.5	
229	19.3	16.1	24.1	





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.77 ng

RT: 13.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

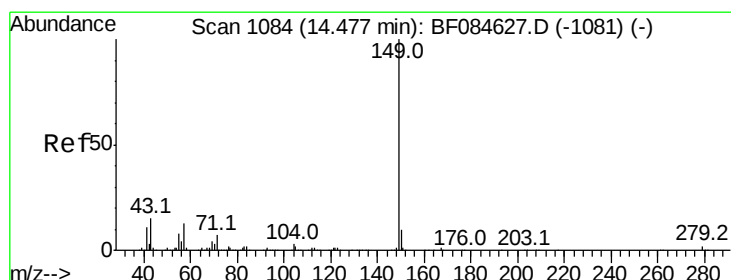
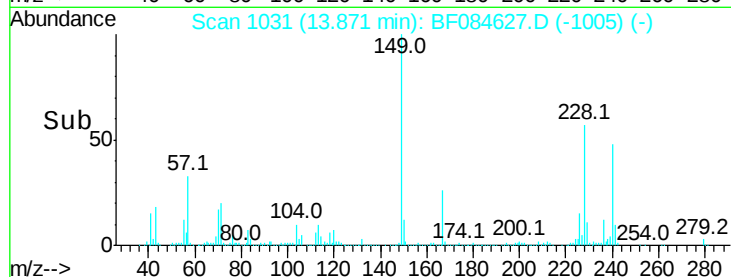
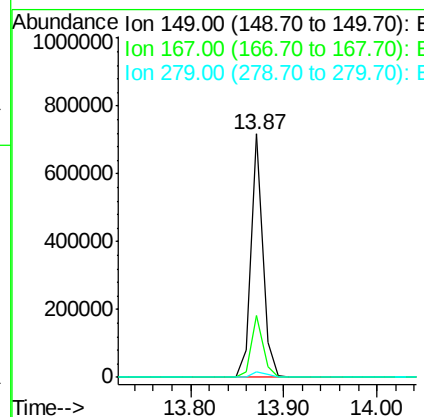
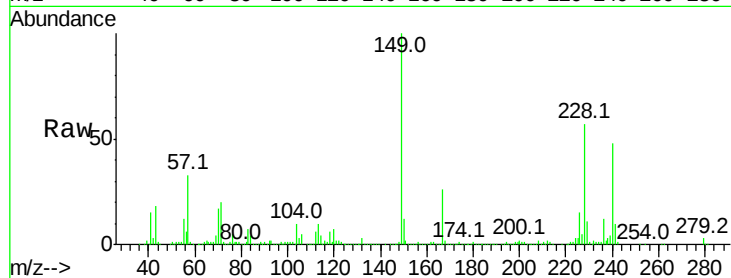
ClientSampleId :

SSTDICCC040

Tot Ion:	149	Resp:	625426
Ion Ratio	Lower	Upper	
149	100		
167	25.5	19.7	29.5
279	2.5	1.8	2.6

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 37.04 ng

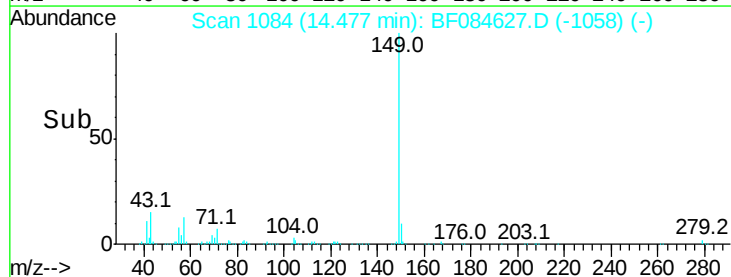
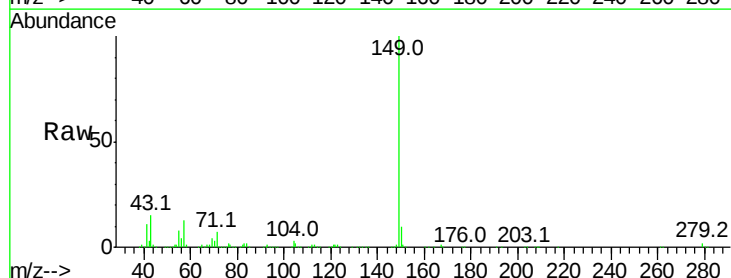
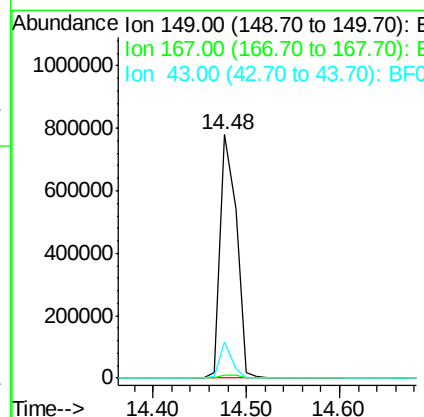
RT: 14.48 min Scan# 1084

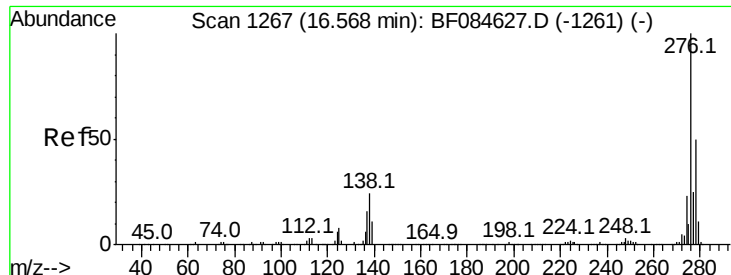
Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tgt Ion:	149	Resp:	936172
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	11.6	5.6	8.4#





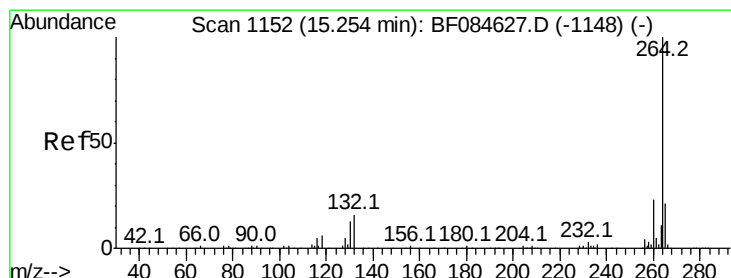
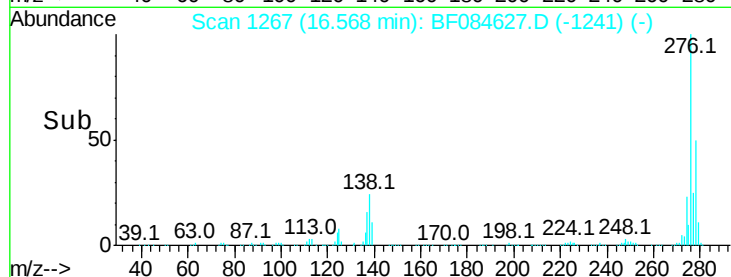
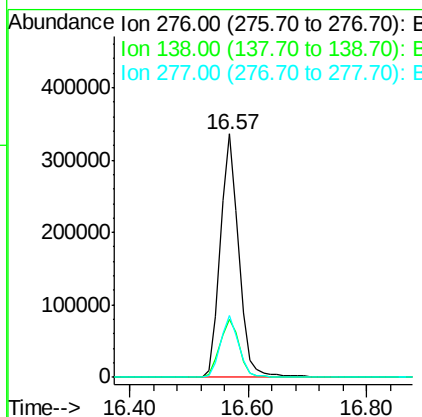
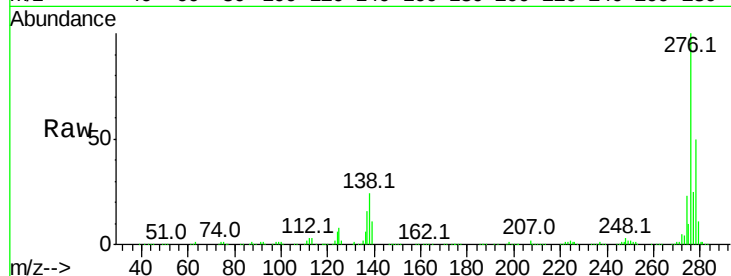
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.54 ng
RT: 16.57 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.6	30.8
277	25.3	20.1	30.1

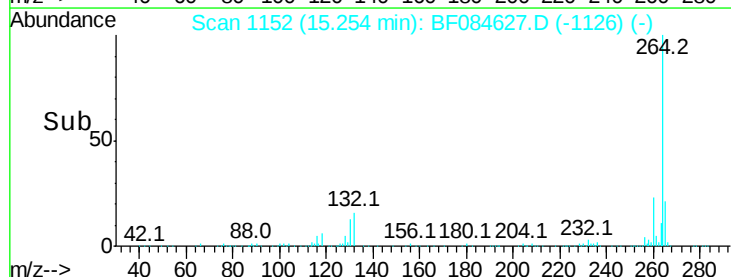
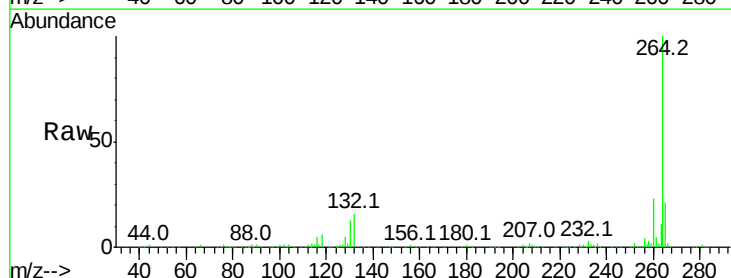
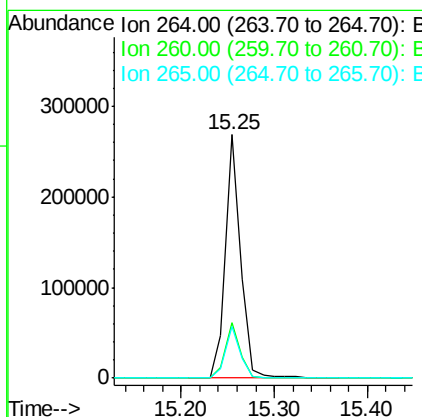
Manual Integrations
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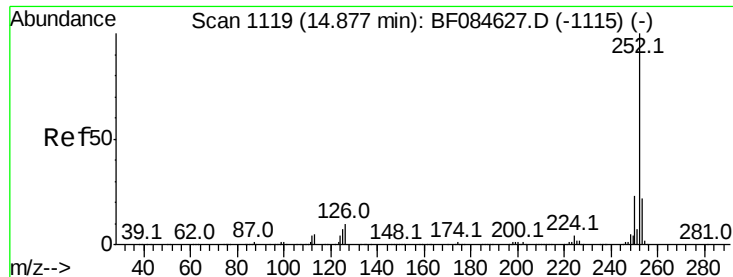
mohammad
2/1/2016 2:23:37 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	21.3	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 40.71 ng m

RT: 14.88 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Instrument :

BNA_F

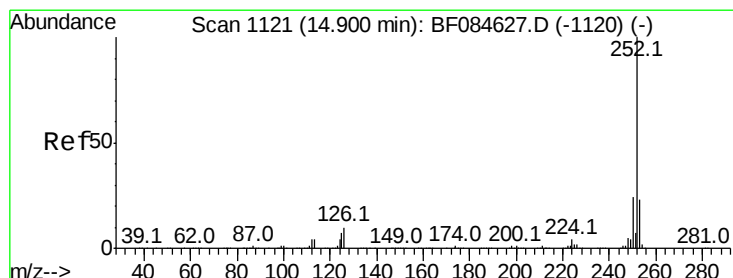
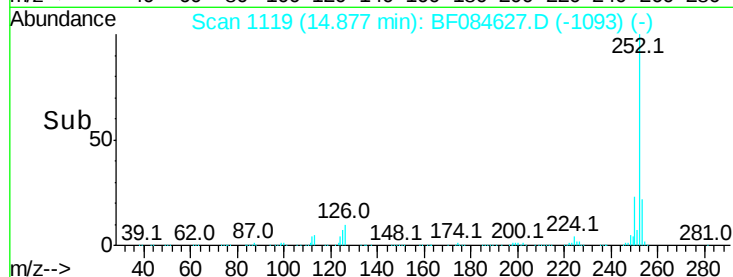
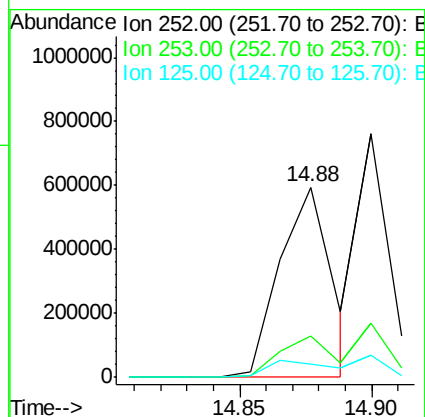
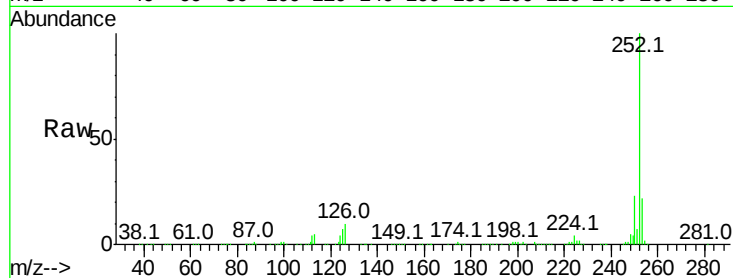
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	7.1	6.5	9.7

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 38.94 ng m

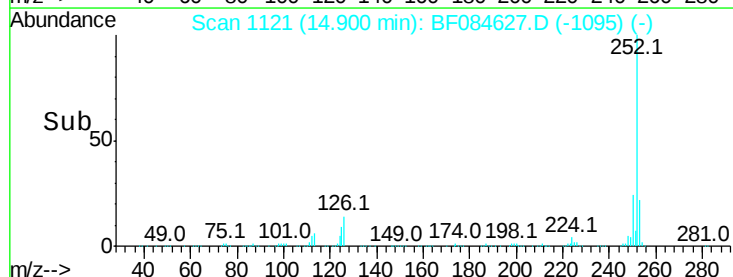
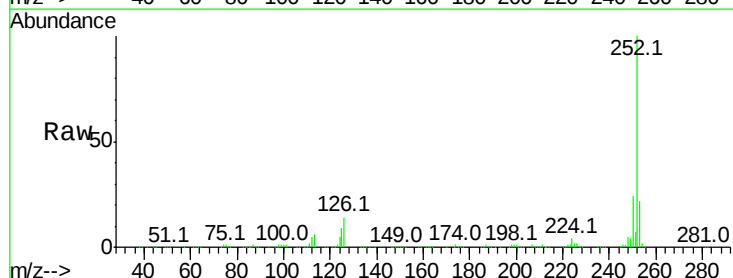
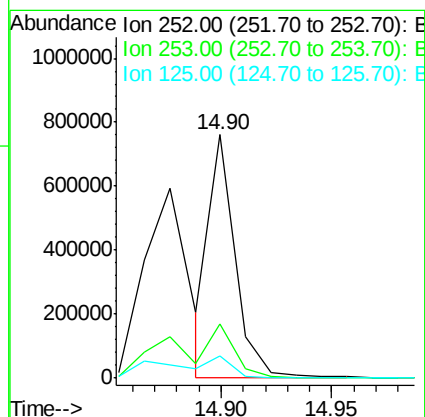
RT: 14.90 min Scan# 1121

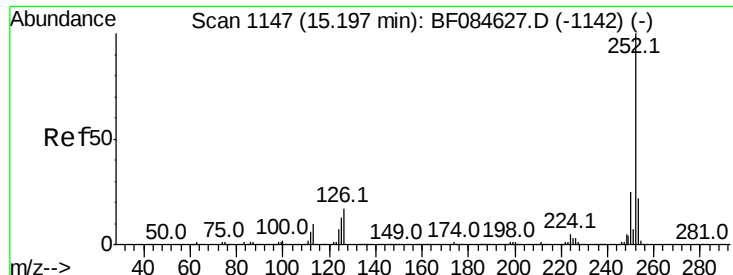
Delta R.T. 0.00 min

Lab File: BF084627.D

Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	9.2	9.0	13.6





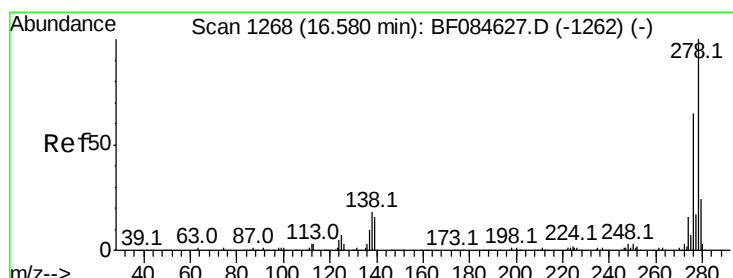
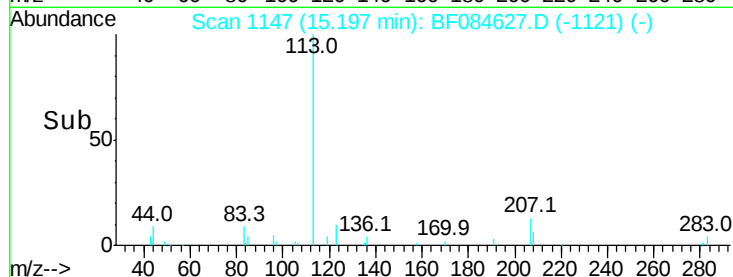
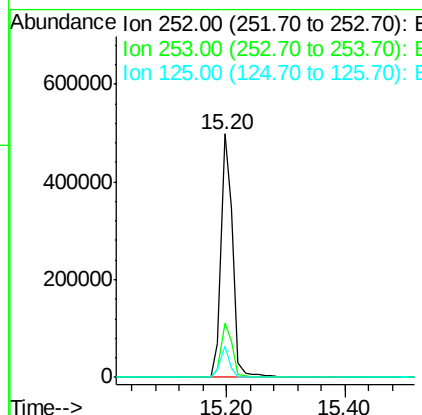
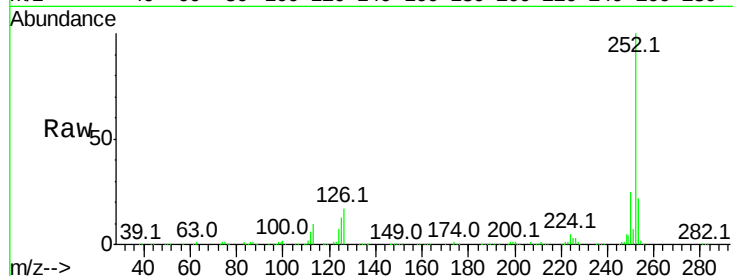
#89
Benzo(a)pyrene
Concen: 39.76 ng
RT: 15.20 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	12.7	7.0	10.4

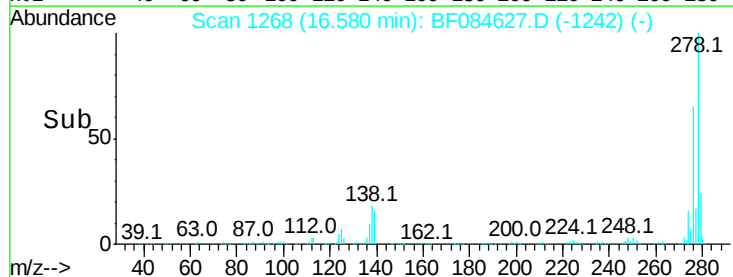
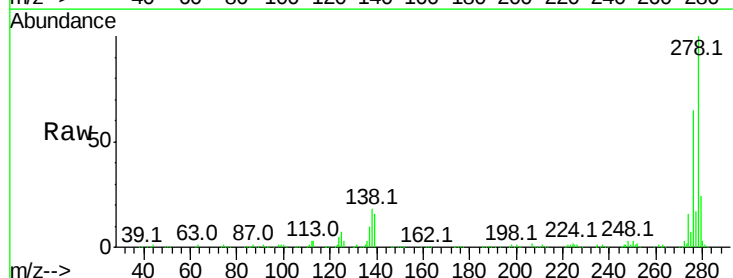
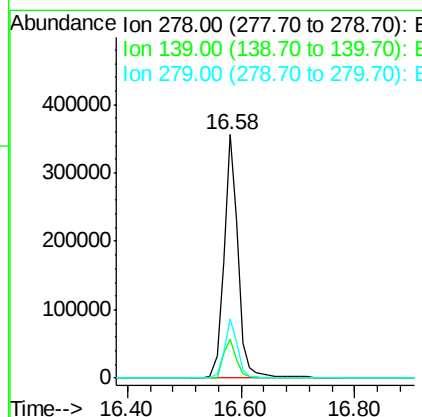
Manual Integrations
APPROVED

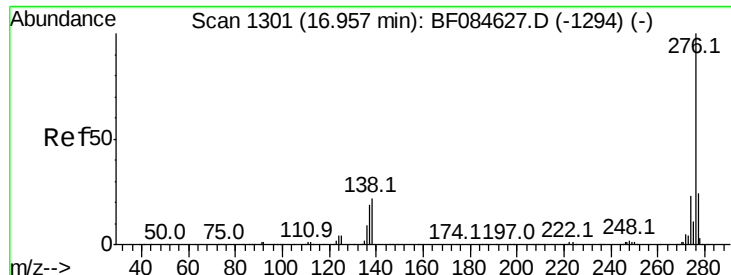
mohammad
2/1/2016 2:23:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.03 ng
RT: 16.58 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF084627.D
Acq: 29 Jan 2016 10:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	15.0	22.4
279	24.4	18.9	28.3





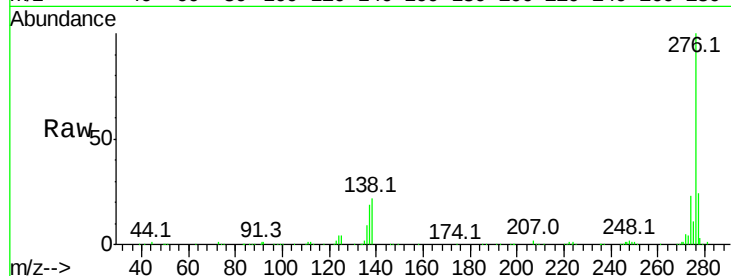
#91
 Benzo(a,h,i)perylene
 Concen: 41.22 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF084627.D
 Acq: 29 Jan 2016 10:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion:	276	Resp:	622837
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.8	28.2
138	22.1	17.8	26.6

Manual Integrations
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 2/1/2016 2:23:37 PM



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

