

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083402.D
 Acq On : 2 Dec 2015 6:08
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 12/2/2015 6:13:02 PM

Quant Time: Dec 02 06:35:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	179955	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	696813	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	354852	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	682547	20.00	ng	0.00
75) Chrysene-d12	14.76	240	522568	20.00	ng	0.00
86) Perylene-d12	16.82	264	433835	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	921755	76.86	ng	0.00
7) Phenol-d6	6.22	99	1248210	76.04	ng	0.00
23) Nitrobenzene-d5	7.13	82	1177066	74.26	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	258678	72.62	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1811969	72.77	ng	0.00
78) Terphenyl-d14	13.22	244	1876215	85.62	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.94	88	233548	35.96	ng	99
3) Pyridine	2.56	79	648447	39.92	ng	99
4) n-Nitrosodimethylamine	2.52	42	311584	38.97	ng	95
6) Aniline	6.21	93	834417	37.16	ng	98
8) 2-Chlorophenol	6.34	128	508218	38.42	ng	99
9) Benzaldehyde	6.09	77	310032	39.04	ng	99
10) Phenol	6.24	94	749319	37.94	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	533116	37.11	ng	98
12) 1,3-Dichlorobenzene	6.49	146	569312	38.72	ng	99
13) 1,4-Dichlorobenzene	6.57	146	579605	38.14	ng	98
14) 1,2-Dichlorobenzene	6.73	146	487664	34.97	ng	100
15) Benzyl Alcohol	6.72	79	503703	39.70	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.85	45	948912	37.64	ng	92
17) 2-Methylphenol	6.84	107	424924	38.54	ng	98
18) Hexachloroethane	7.06	117	200121	37.91	ng	99
19) n-Nitroso-di-n-propylamine	6.99	70	485315	41.36	ng	98
20) 3+4-Methylphenols	7.00	107	574266	38.45	ng	98
22) Acetophenone	6.98	105	794650	38.12	ng	100
24) Nitrobenzene	7.15	77	627568	37.07	ng	99
25) Isophorone	7.39	82	1160885	37.81	ng	99
26) 2-Nitrophenol	7.46	139	252753	36.58	ng	99
27) 2,4-Dimethylphenol	7.53	122	460023	39.71	ng	99
28) bis(2-Chloroethoxy)methane	7.61	93	652757	37.33	ng	99
29) 2,4-Dichlorophenol	7.71	162	418633	37.58	ng	97
30) 1,2,4-Trichlorobenzene	7.79	180	454263	37.46	ng	99
31) Naphthalene	7.86	128	1380809	36.52	ng	99
32) Benzoic acid	7.66	122	250153	31.31	ng	96
33) 4-Chloroaniline	7.93	127	640326	39.29	ng	98
34) Hexachlorobutadiene	7.98	225	256266	37.22	ng	98
35) Caprolactam	8.32	113	145190	41.25	ng	# 69
36) 4-Chloro-3-methylphenol	8.43	107	468796	37.52	ng	99
37) 2-Methylnaphthalene	8.56	142	930621	36.83	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	414695	36.87	ng	99
40) Hexachlorocyclopentadiene	8.70	237	157931	29.56	ng	96

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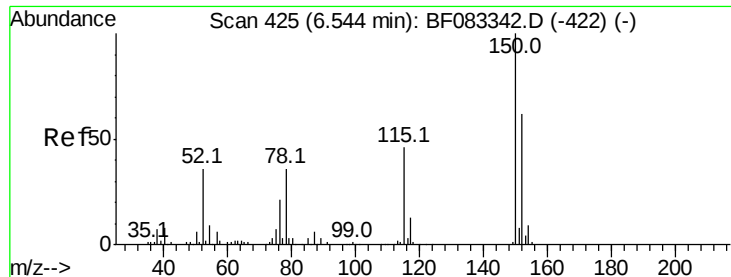
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	313479	39.73	nq	97
43) 2,4,5-Trichlorophenol	8.89	196	306290	37.47	nq	92
45) 1,1'-Biphenyl	9.02	154	1159483	37.26	nq	100
46) 2-Chloronaphthalene	9.04	162	867929	36.60	nq	99
47) 2-Nitroaniline	9.15	65	380665	40.53	nq	95
48) Acenaphthylene	9.45	152	1381356	36.52	nq	100
49) Dimethylphthalate	9.33	163	1037996	35.99	nq	100
50) 2,6-Dinitrotoluene	9.39	165	226961	36.85	nq	90
51) Acenaphthene	9.62	154	800058	35.96	nq	99
52) 3-Nitroaniline	9.56	138	265896	36.84	nq	96
53) 2,4-Dinitrophenol	9.66	184	69579	22.71	nq	# 79
54) Dibenzofuran	9.79	168	1154994	35.43	nq	99
55) 4-Nitrophenol	9.76	139	117781m	26.09	nq	
56) 2,4-Dinitrotoluene	9.79	165	283159	36.24	nq	92
57) Fluorene	10.13	166	942475	36.61	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	242946	36.83	nq	100
59) Diethylphthalate	10.03	149	1056715	38.44	nq	100
60) 4-Chlorophenyl-phenylether	10.13	204	450492	38.08	nq	96
61) 4-Nitroaniline	10.18	138	290189	40.18	nq	97
62) Azobenzene	10.29	77	1329762	40.05	nq	98
64) 4,6-Dinitro-2-methylphenol	10.20	198	134472	29.34	nq	91
65) n-Nitrosodiphenylamine	10.26	169	950375	39.62	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	294478	39.44	nq	97
67) Hexachlorobenzene	10.70	284	323760	39.22	nq	99
68) Atrazine	10.82	200	252826	38.11	nq	98
69) Pentachlorophenol	10.92	266	133830	30.95	nq	99
70) Phenanthrene	11.16	178	1545438	38.26	nq	99
71) Anthracene	11.22	178	1583668	38.95	nq	99
72) Carbazole	11.41	167	1358962	37.20	nq	99
73) Di-n-butylphthalate	11.86	149	1753071	40.49	nq	100
74) Fluoranthene	12.66	202	1534896	36.66	nq	100
76) Benzidine	12.87	184	592743	38.08	nq	100
77) Pyrene	12.98	202	1576849	43.21	nq	100
79) Butylbenzylphthalate	13.96	149	703723	45.46	nq	97
80) Benzo(a)anthracene	14.74	228	1261454	39.40	nq	100
81) 3,3'-Dichlorobenzidine	14.73	252	382332	38.23	nq	99
82) Chrysene	14.80	228	1149009	37.15	nq	98
83) Bis(2-ethylhexyl)phthalate	14.88	149	1003689	48.33	nq	100
84) Di-n-octyl phthalate	15.85	149	1558755	50.40	nq	100
85) Indeno(1,2,3-cd)pyrene	18.20	276	1047608	46.50	nq	100
87) Benzo(b)fluoranthene	16.31	252	1049544	37.70	nq	99
88) Benzo(k)fluoranthene	16.35	252	941063	35.80	nq	98
89) Benzo(a)pyrene	16.75	252	923086	38.61	nq	100
90) Dibenzo(a,h)anthracene	18.23	278	878712	42.18	nq	99
91) Benzo(g,h,i)perylene	18.58	276	822027	40.20	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 179955

Ion Ratio Lower Upper

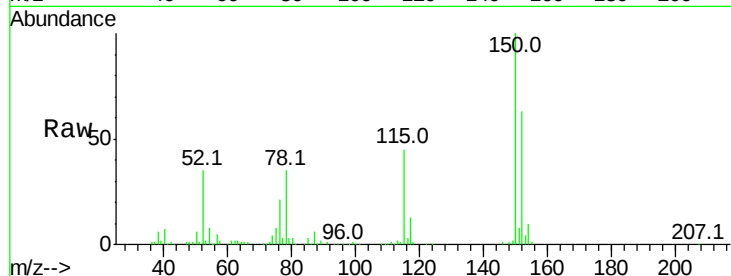
152 100

150 158.3 129.8 194.8

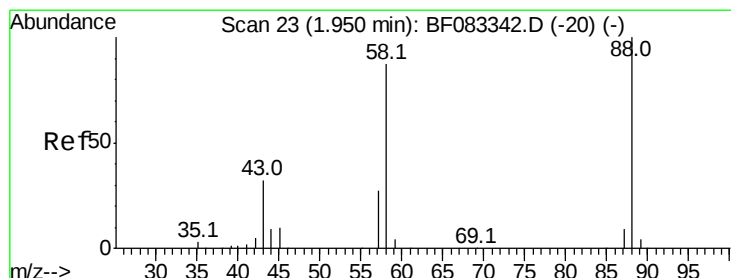
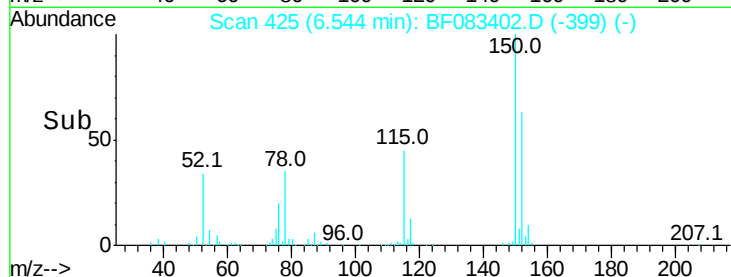
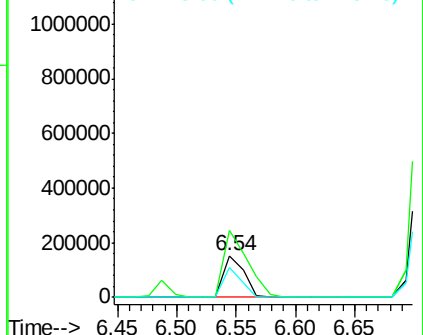
115 70.9 59.2 88.8

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



#2

1,4-Dioxane

Concen: 35.96 ng

RT: 1.94 min Scan# 22

Delta R.T. -0.01 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

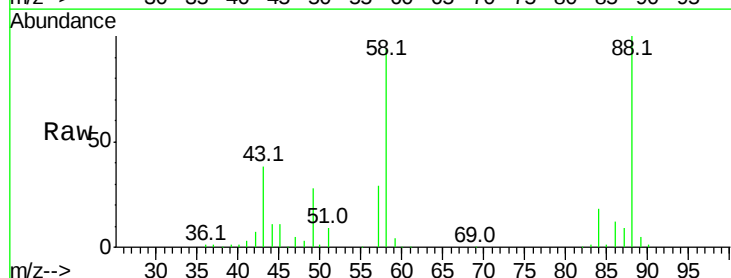
Tgt Ion: 88 Resp: 233548

Ion Ratio Lower Upper

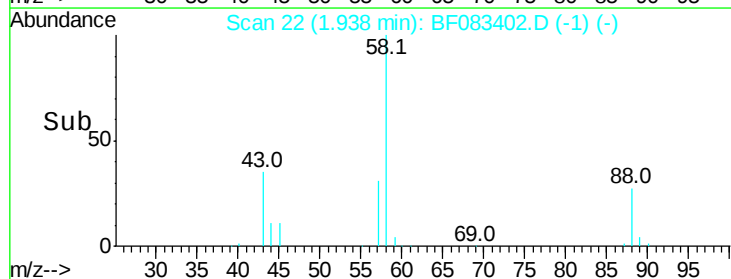
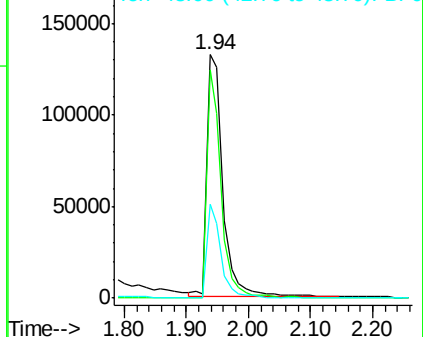
88 100

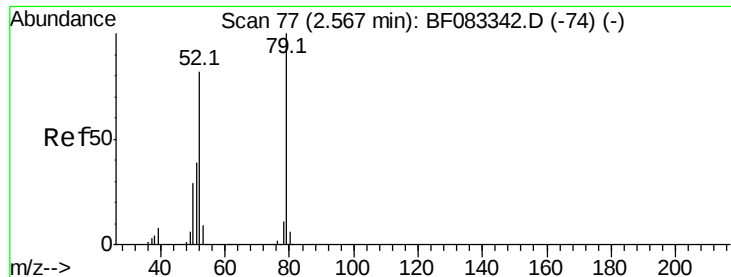
58 83.7 66.6 100.0

43 34.5 27.1 40.7



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





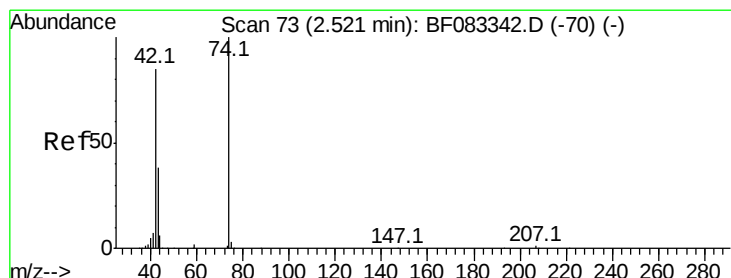
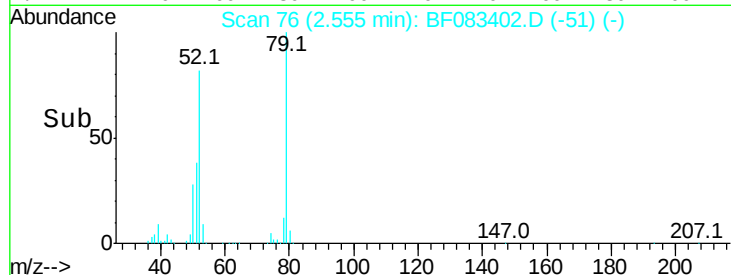
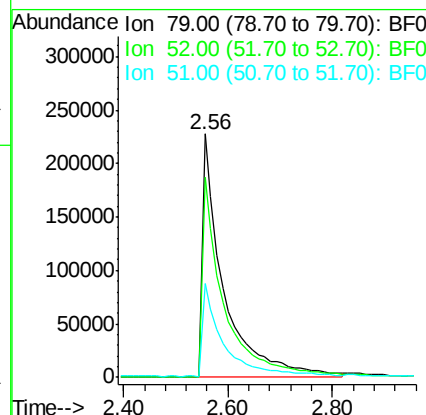
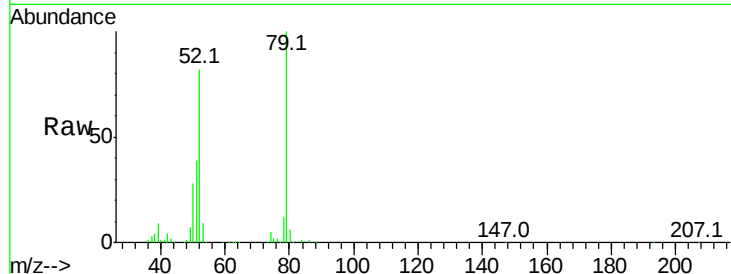
#3
 Pvridine
 Concen: 39.92 ng
 RT: 2.56 min Scan# 76
 Delta R.T. -0.01 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.2	65.9	98.9
51	38.8	32.3	48.5

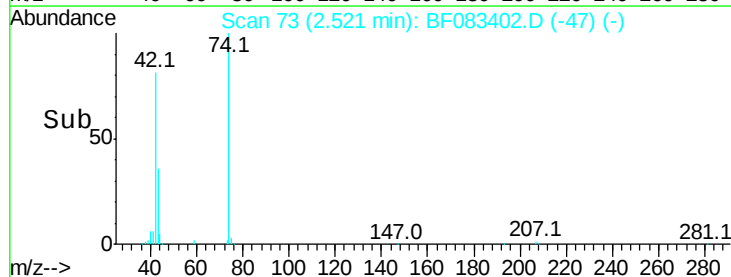
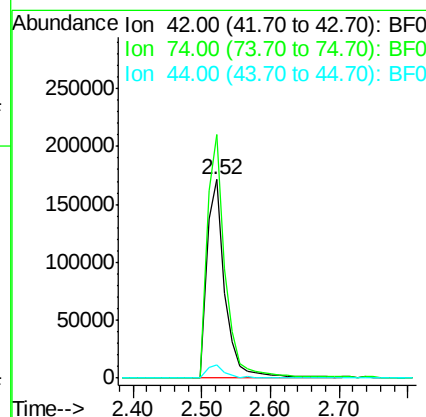
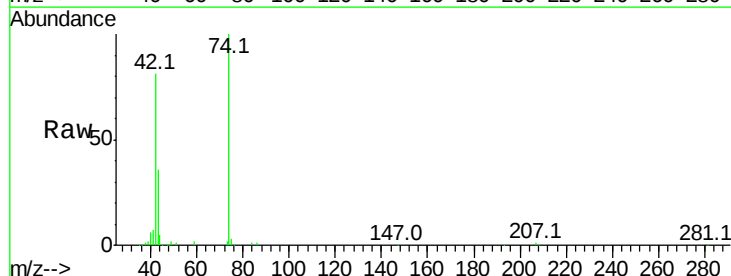
Manual Integrations
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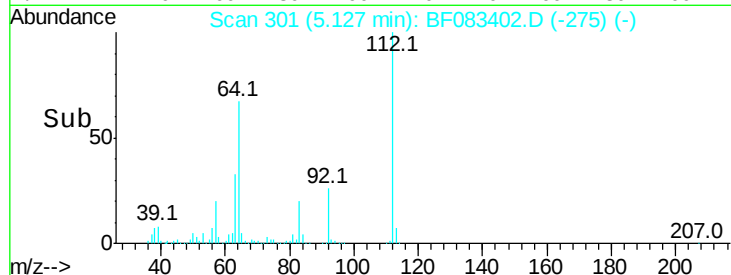
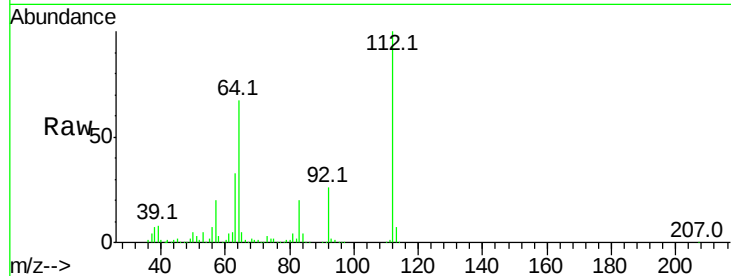
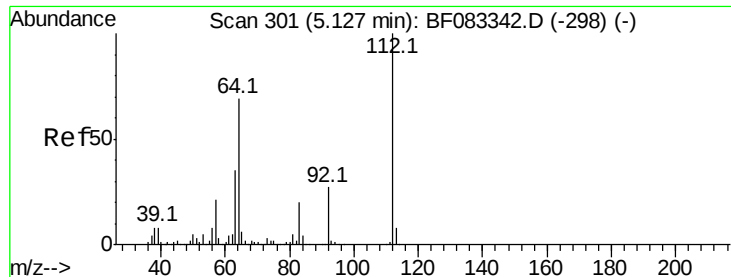
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#4
 n-Nitrosodimethylamine
 Concen: 38.97 ng
 RT: 2.52 min Scan# 73
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.8	93.7	140.5
44	6.7	5.6	8.4





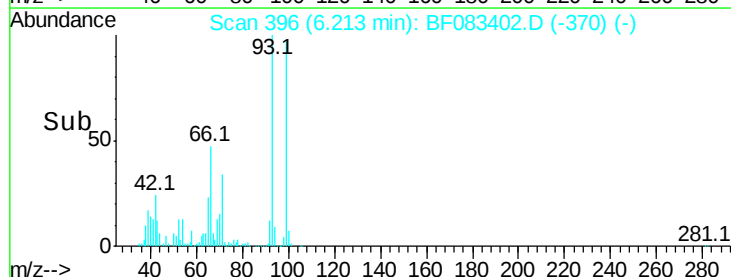
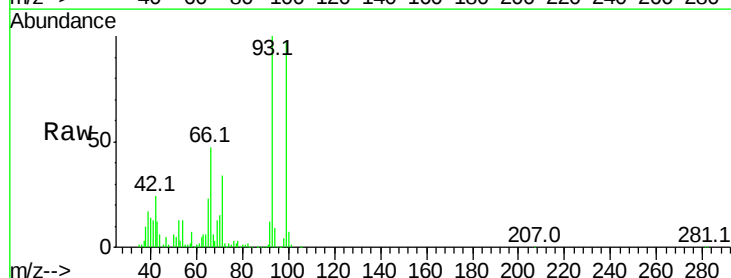
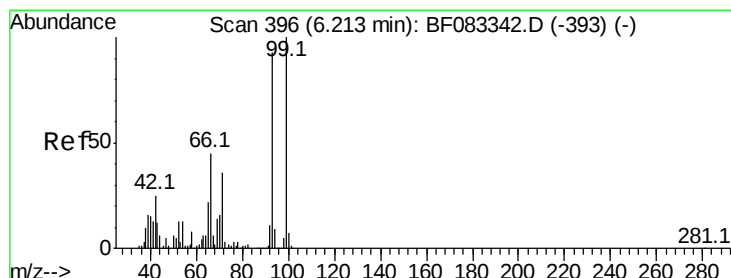
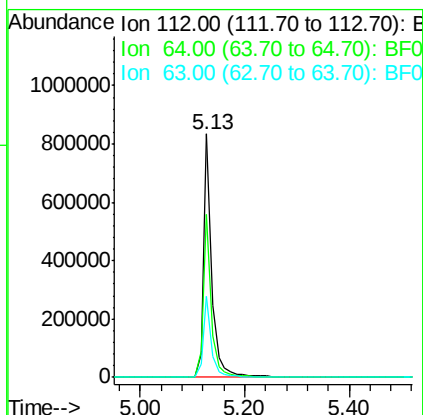
#5
2-Fluorophenol
Concen: 76.86 ng
RT: 5.13 min Scan# 301
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	67.0	55.6	83.4
63	33.4	28.2	42.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

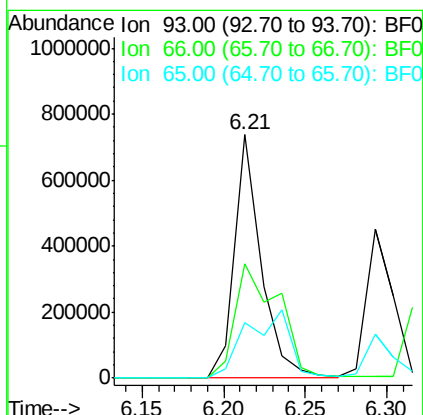
Manual Integrations
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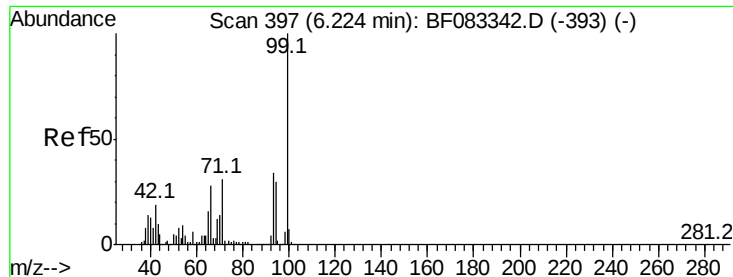
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#6
Aniline
Concen: 37.16 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	47.1	38.7	58.1
65	22.8	19.0	28.6





#7

Phenol-d6

Concen: 76.04 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1248210

Ion Ratio Lower Upper

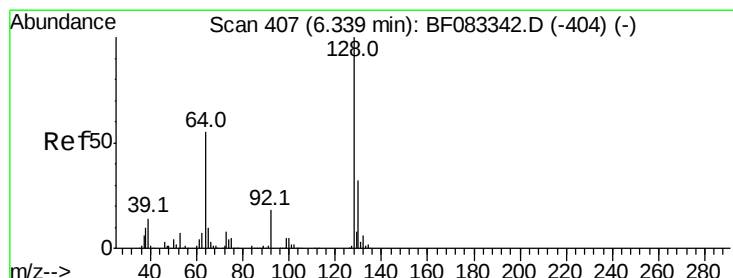
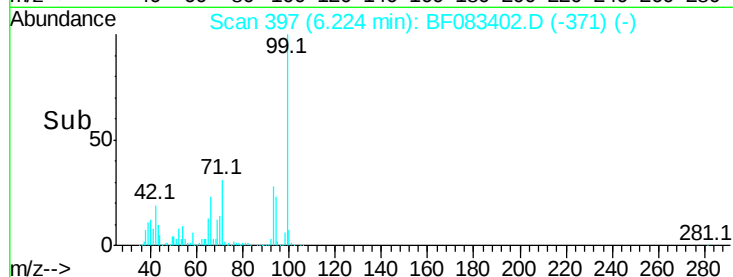
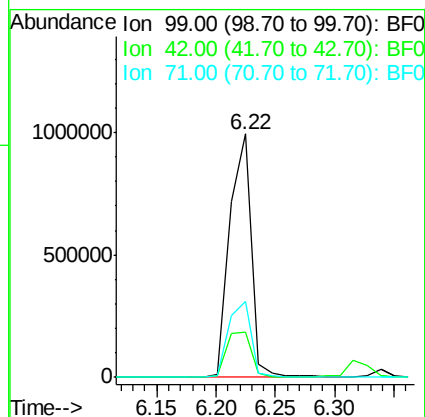
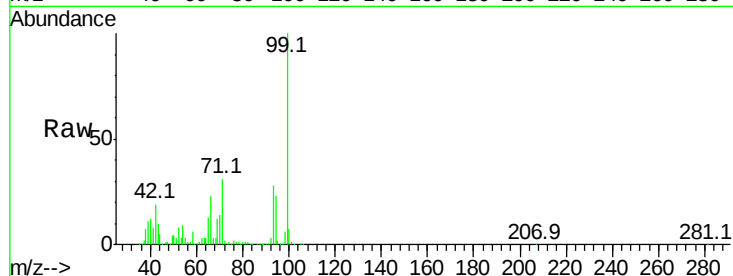
99 100

42 18.7 14.9 22.3

71 31.4 24.7 37.1

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#8

2-Chlorophenol

Concen: 38.42 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

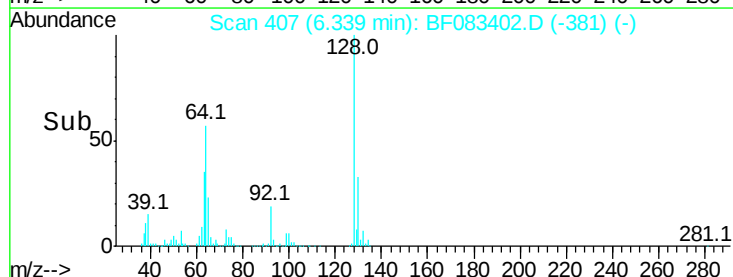
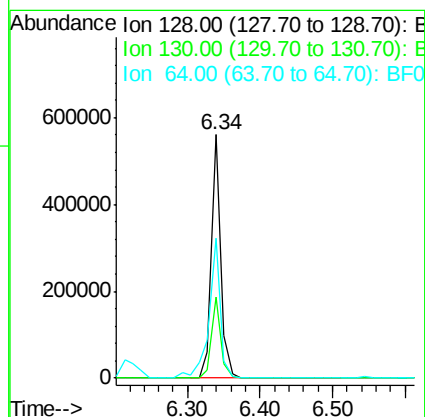
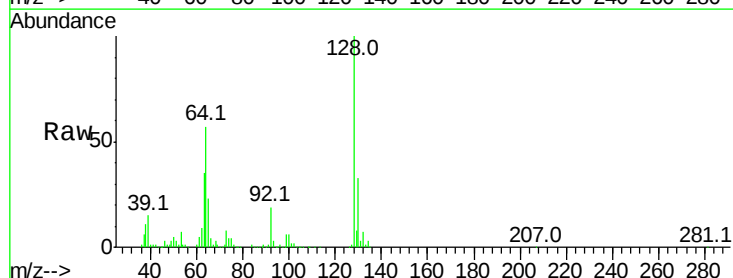
Tgt Ion: 128 Resp: 508218

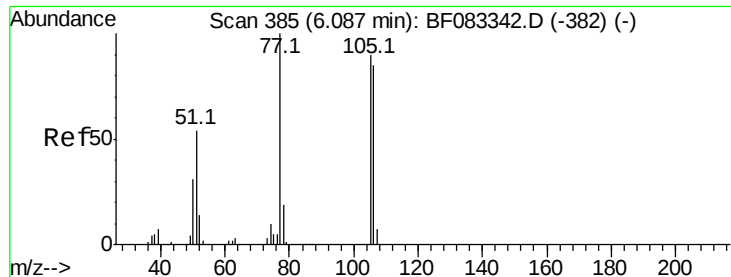
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 57.2 36.4 76.4





#9

Benzaldehyde

Concen: 39.04 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

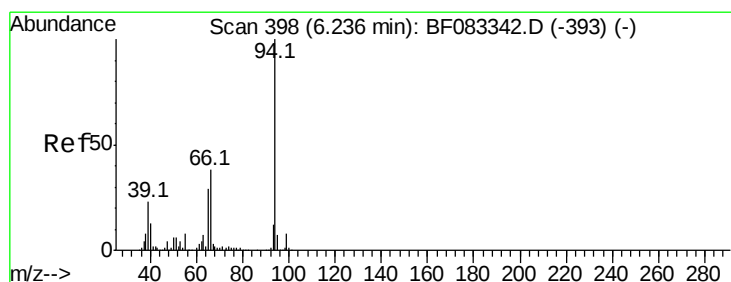
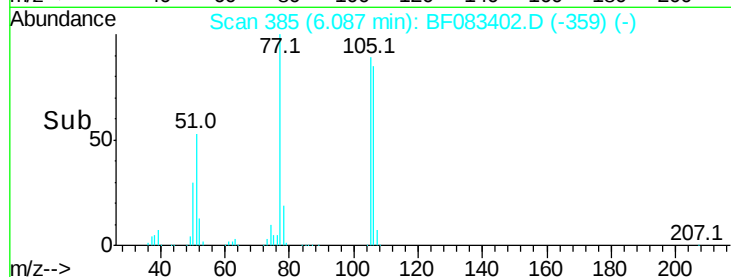
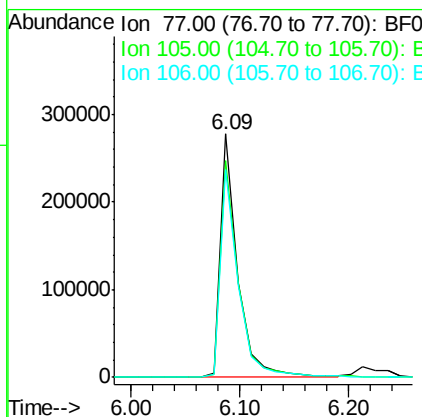
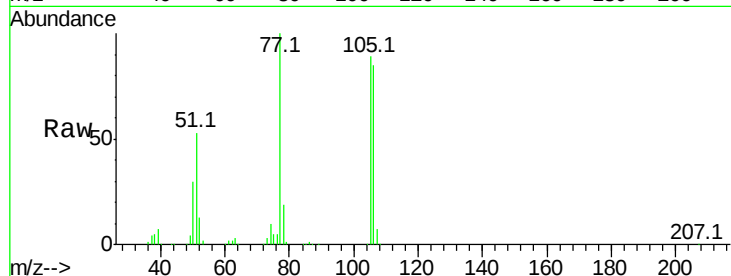
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.1	70.0	110.0
106	85.4	65.0	105.0

Manual Integrations
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12/2/2015 6:13:02 PM



#10

Phenol

Concen: 37.94 ng

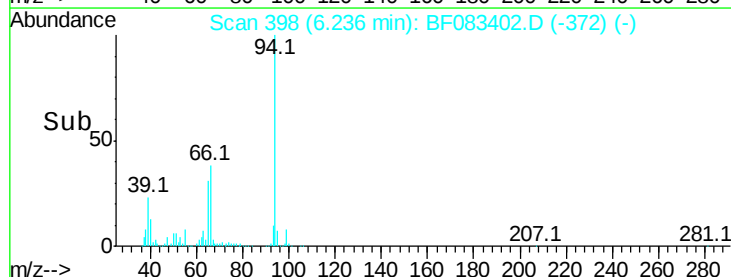
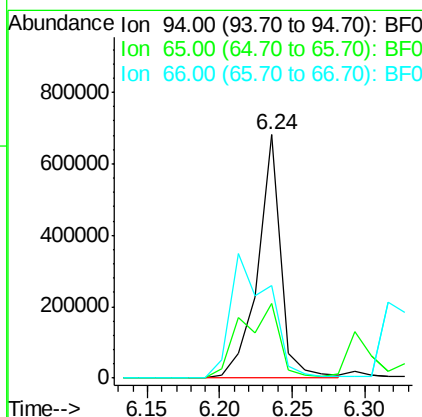
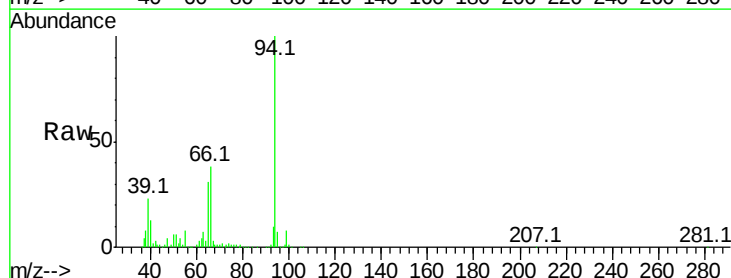
RT: 6.24 min Scan# 398

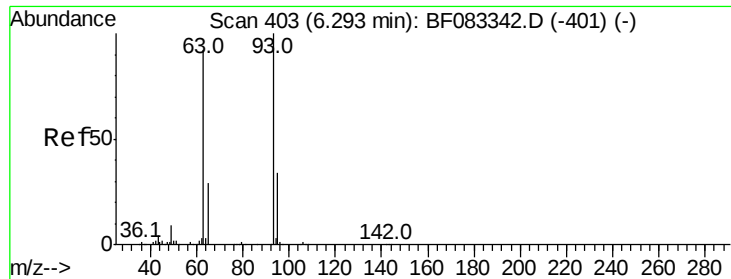
Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.6	9.5	49.5
66	37.9	17.9	57.9





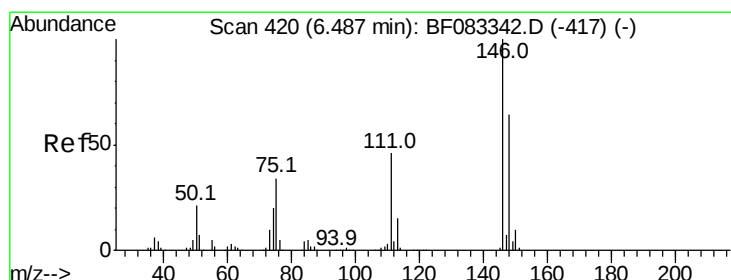
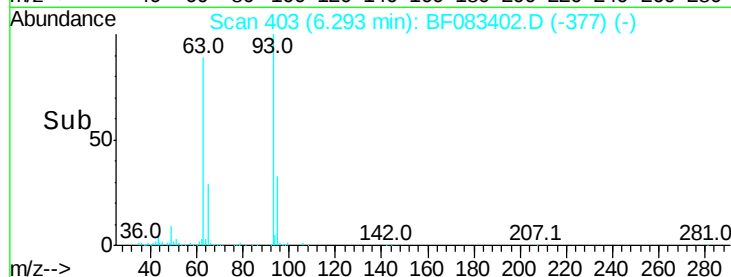
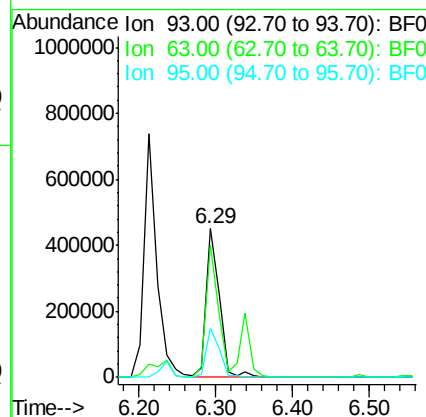
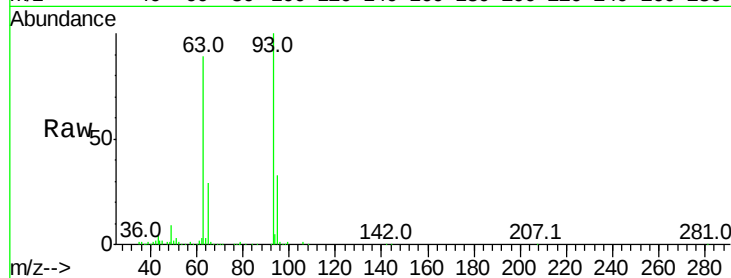
#11
bis(2-Chloroethyl)ether
Concen: 37.11 ng
RT: 6.29 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	533116		
63	89.0		71.4	111.4
95	32.8		13.4	53.4

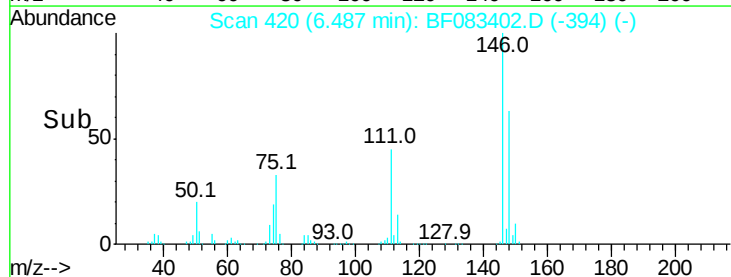
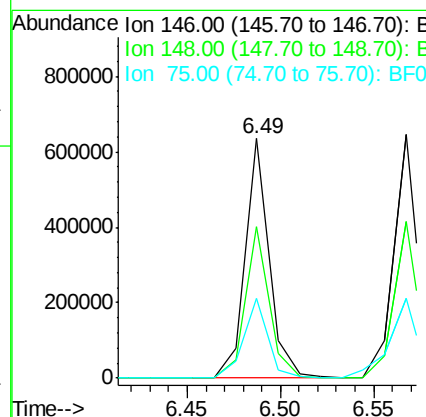
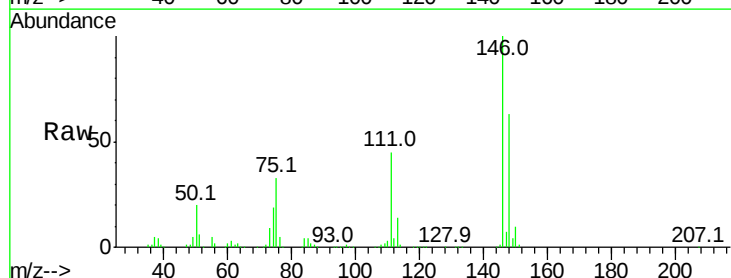
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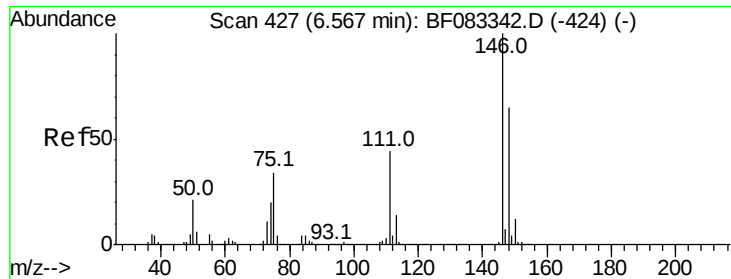
Mmdadoda
12/2/2015 6:13:02 PM



#12
1,3-Dichlorobenzene
Concen: 38.72 ng
RT: 6.49 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	569312		
148	63.2		51.1	76.7
75	33.1		27.5	41.3





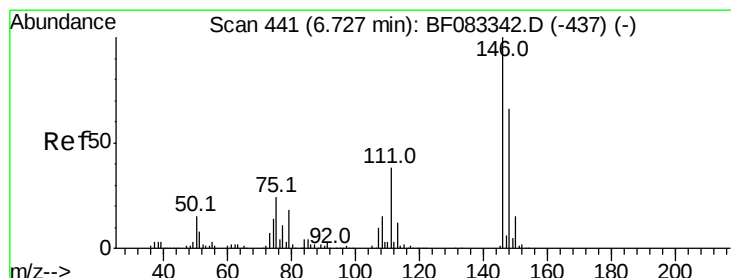
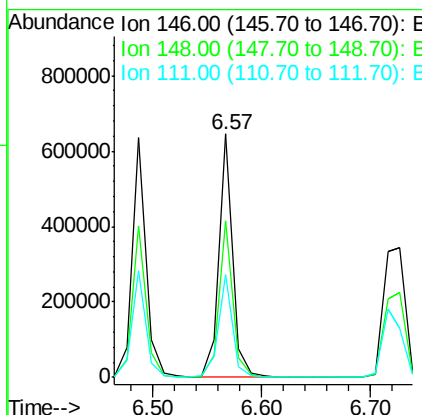
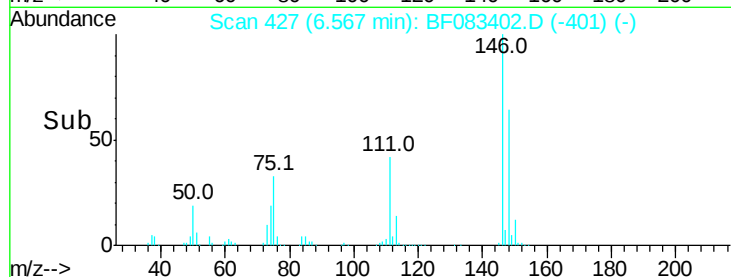
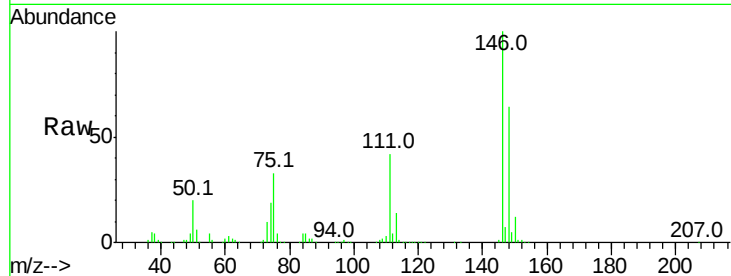
#13
 1,4-Dichlorobenzene
 Concen: 38.14 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
146	100	579605		
148	64.1		52.1	78.1
111	42.5		35.4	53.0

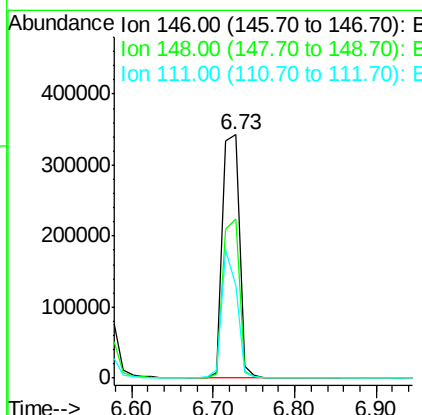
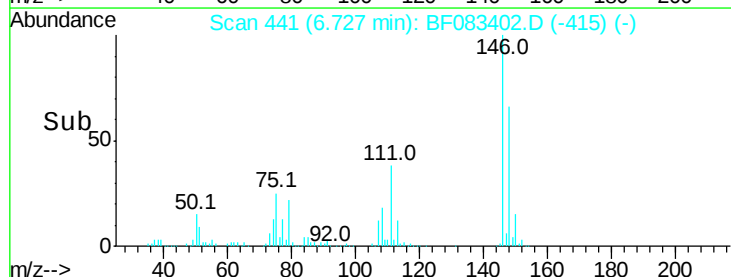
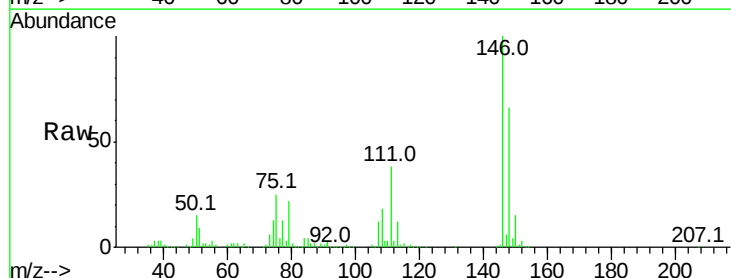
Manual Integrations
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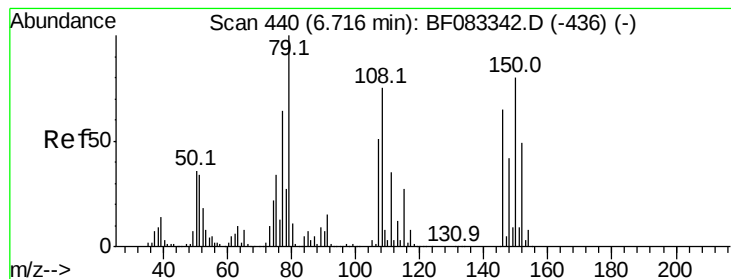
Mmdadoda
 12/2/2015 6:13:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.97 ng
 RT: 6.73 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	487664		
148	65.6		52.5	78.7
111	37.9		30.6	46.0





#15

Benzyl Alcohol

Concen: 39.70 ng

RT: 6.72 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

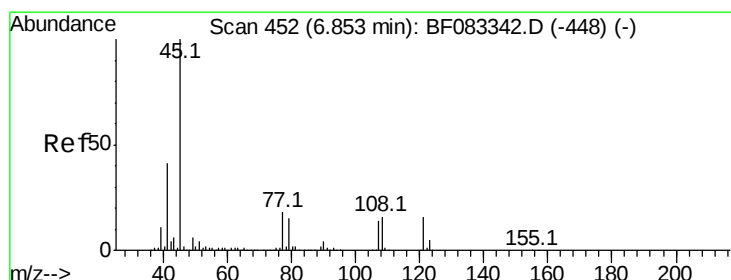
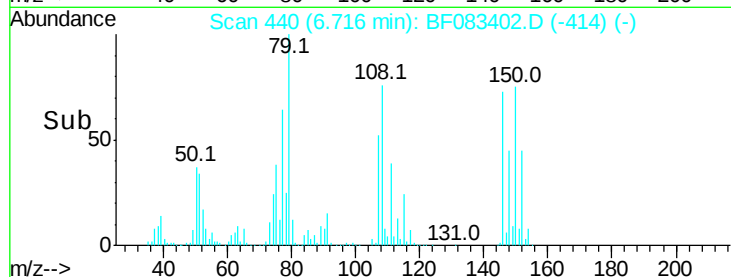
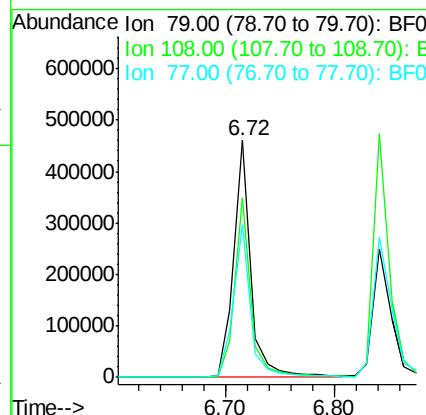
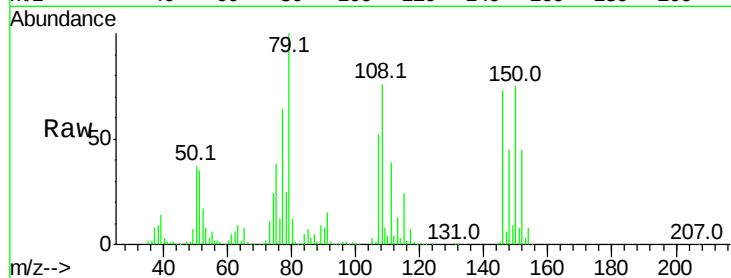
ClientSampleId :

SSTDCCC040

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12/2/2015 6:13:02 PM

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	59.9	89.9
77	64.3	51.0	76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.64 ng

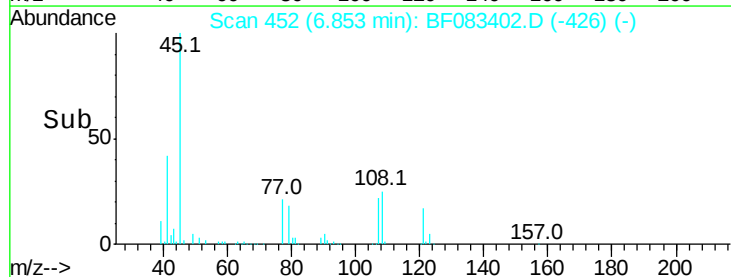
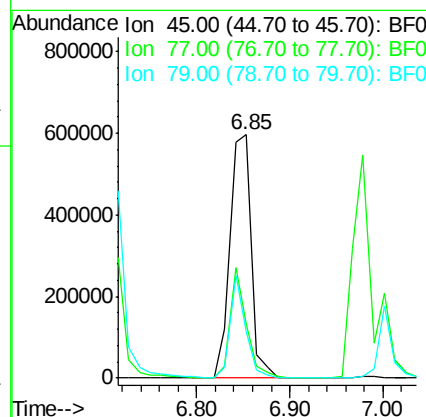
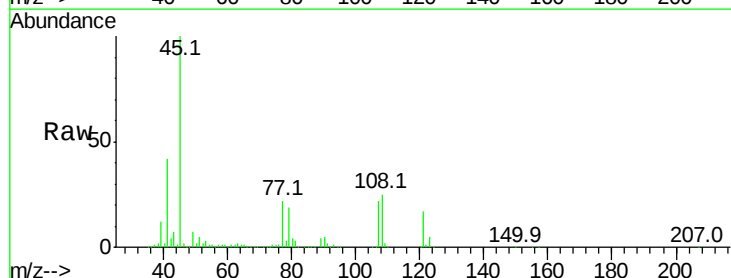
RT: 6.85 min Scan# 452

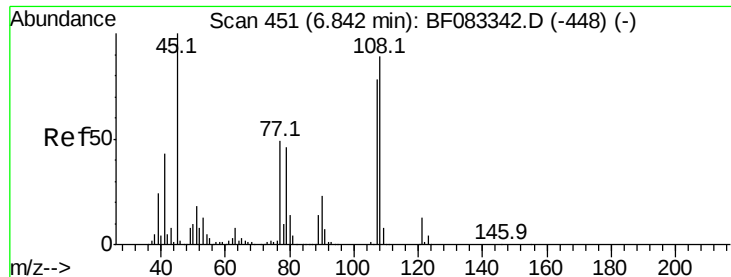
Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.0	0.0	38.3
79	18.9	0.0	35.4





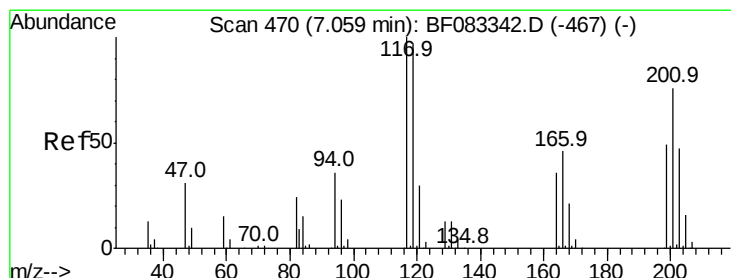
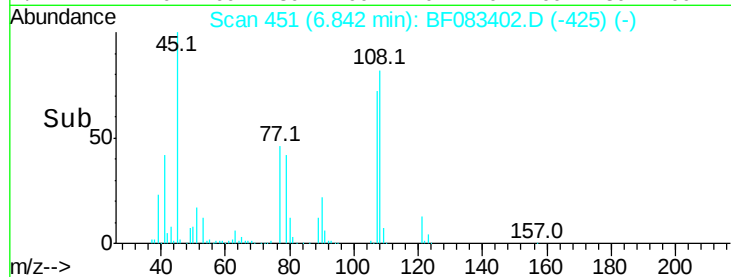
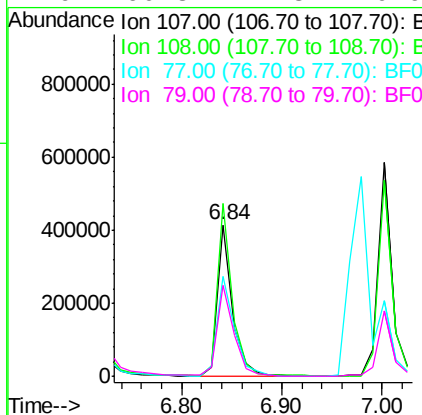
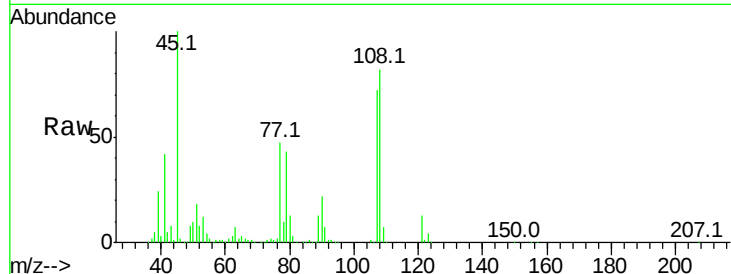
#17
2-Methylphenol
Concen: 38.54 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	424924
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.6	137.4
77	65.5	49.9	74.9
79	60.3	47.3	70.9

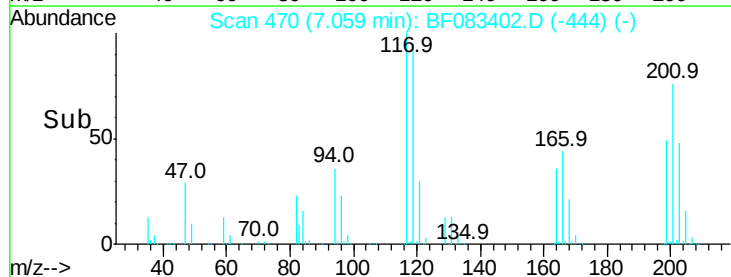
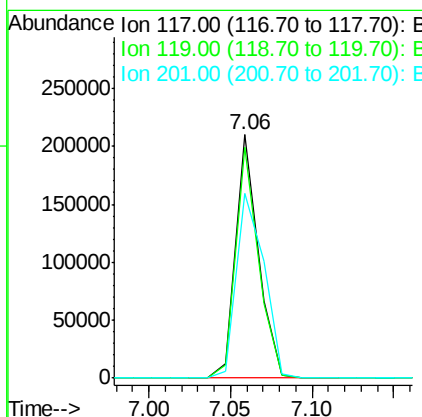
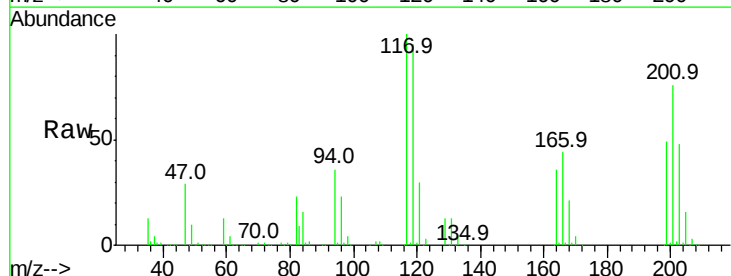
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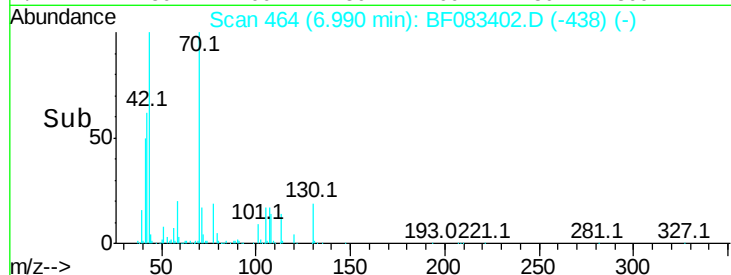
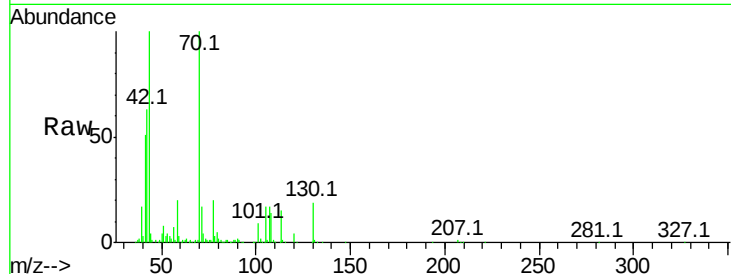
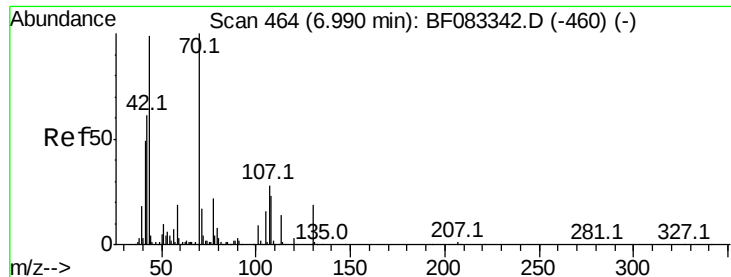
Mmdadoda
12/2/2015 6:13:02 PM



#18
Hexachloroethane
Concen: 37.91 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion:	117	Resp:	200121
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.3	115.9
201	76.1	60.6	90.8





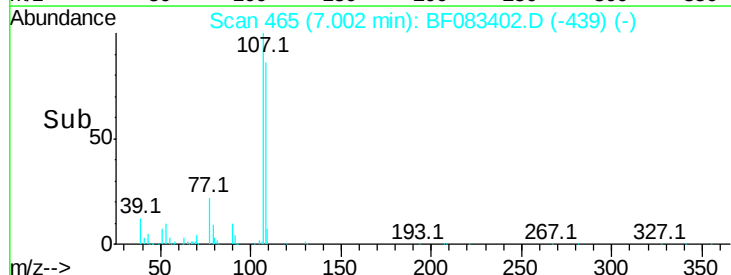
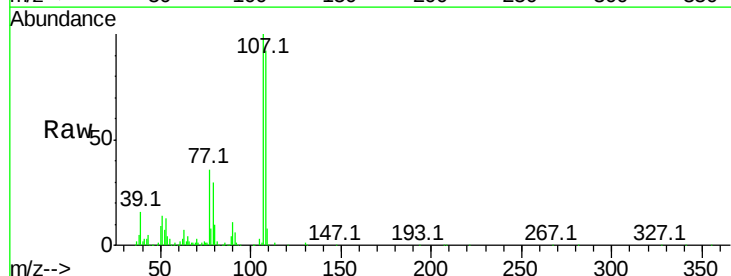
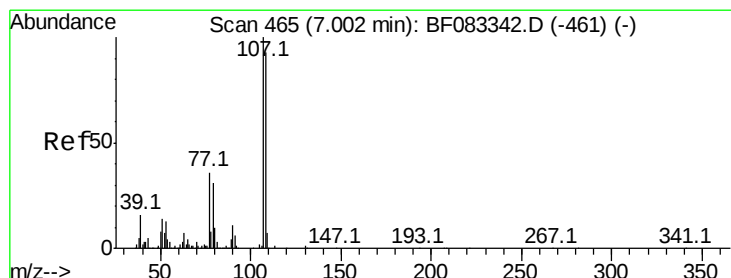
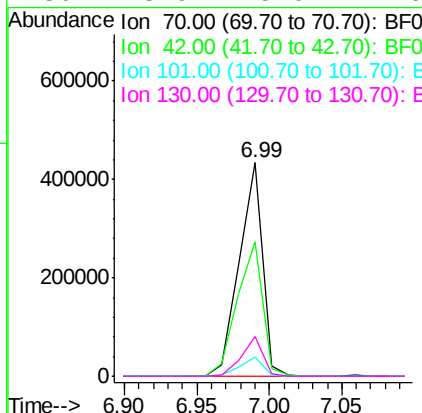
#19
n-Nitroso-di-n-propylamine
Concen: 41.36 ng
RT: 6.99 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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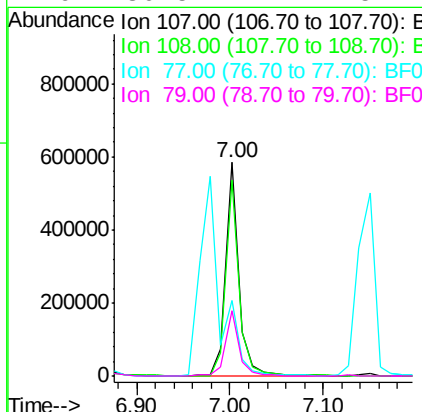
Mmdadoda
12/2/2015 6:13:02 PM

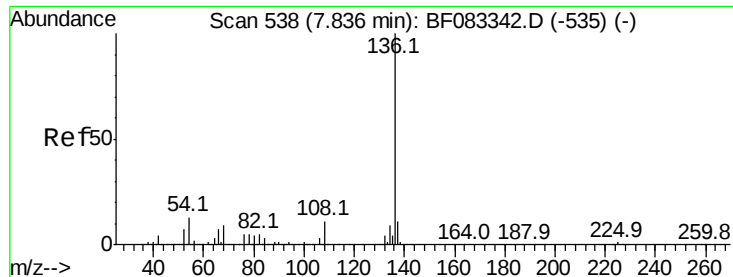
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.7	48.8	73.2
101	8.7	7.1	10.7
130	18.9	15.0	22.6



#20
3+4-Methylphenols
Concen: 38.45 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	73.0	113.0
77	35.6	16.8	56.8
79	30.5	11.4	51.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

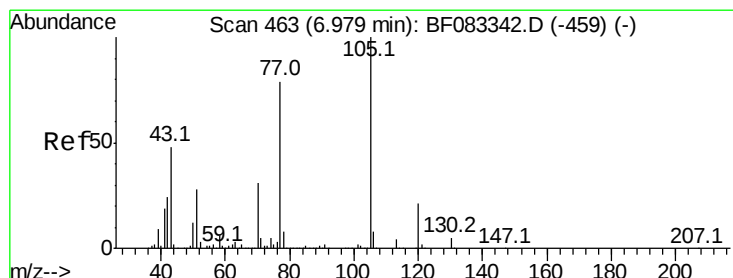
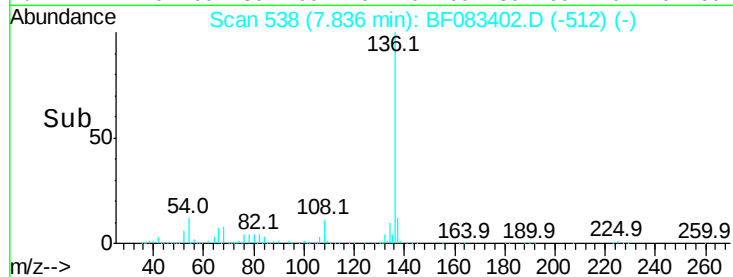
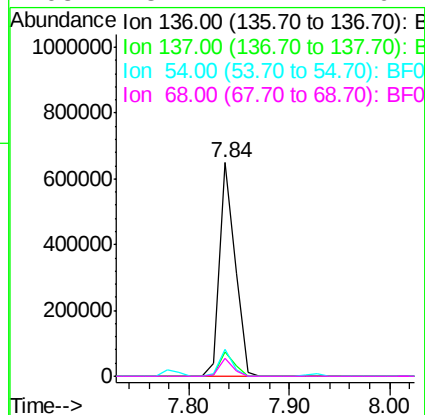
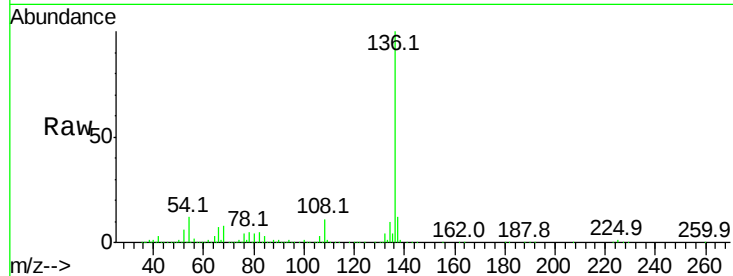
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	696813		
137	11.5	9.0	13.4	
54	12.3	10.1	15.1	
68	8.4	7.1	10.7	

Manual Integrations
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#22

Acetophenone

Concen: 38.12 ng

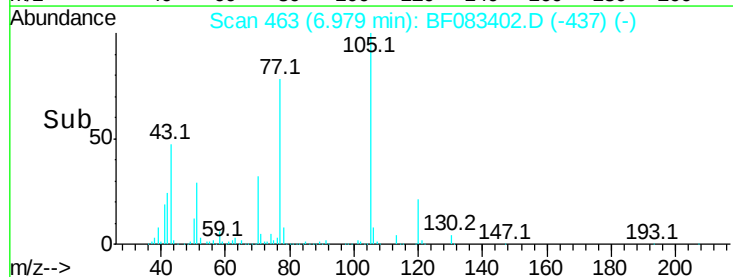
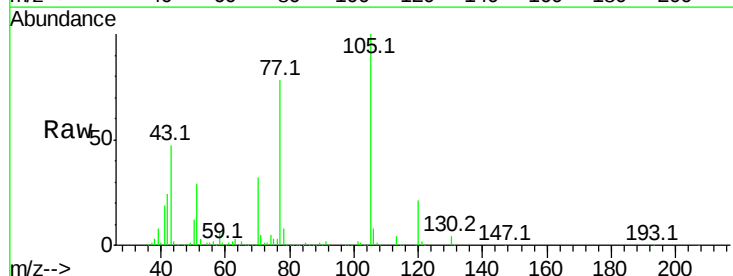
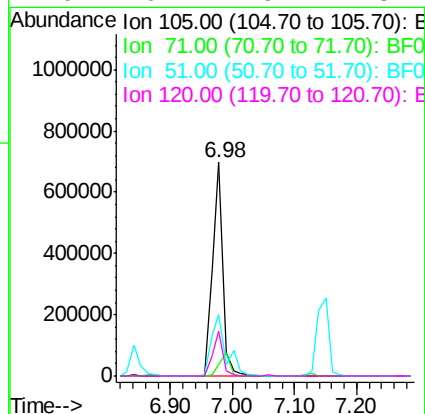
RT: 6.98 min Scan# 463

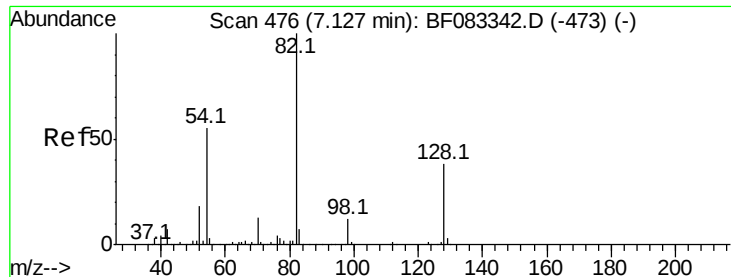
Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	794650		
71	5.3	4.3	6.5	
51	28.6	22.9	34.3	
120	20.7	16.7	25.1	





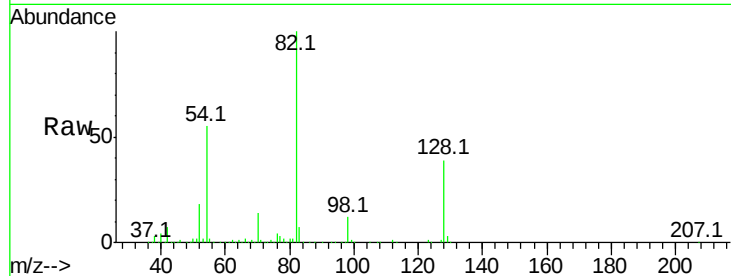
#23
Nitrobenzene-d5
Concen: 74.26 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

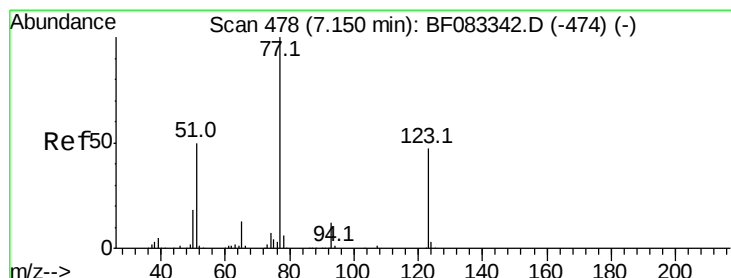
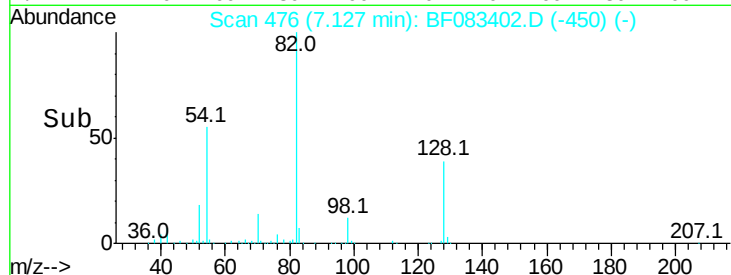
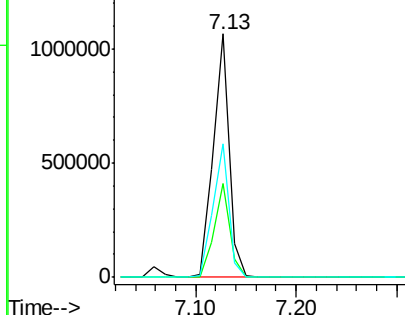
Tot Ion: 82 Resp: 1177066
Ion Ratio Lower Upper
82 100
128 38.6 30.6 46.0
54 54.8 43.8 65.6

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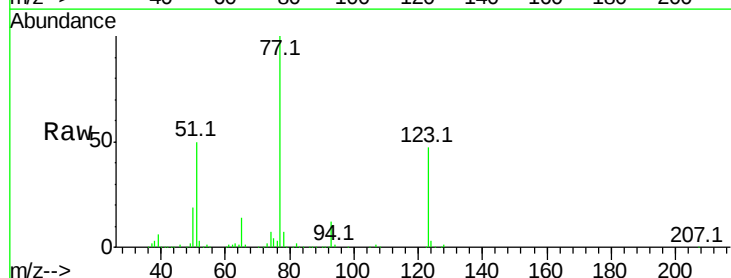


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

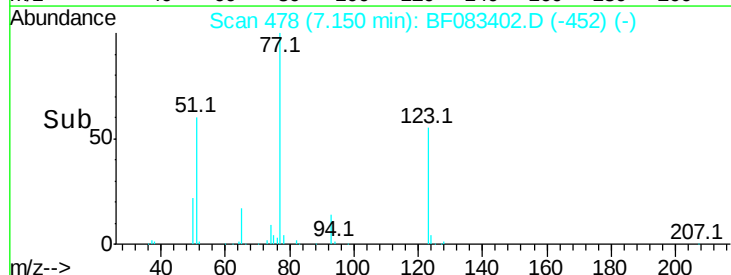
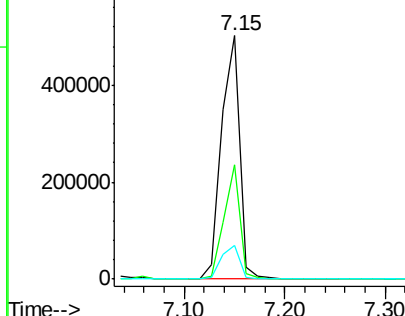


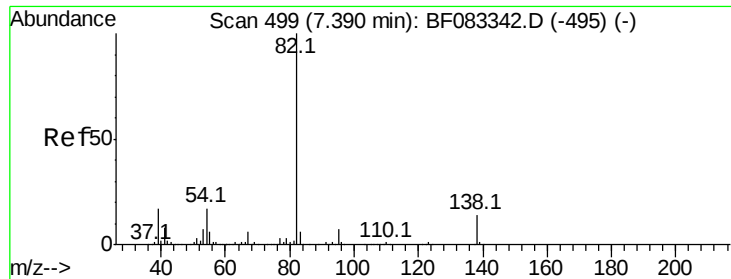
#24
Nitrobenzene
Concen: 37.07 ng
RT: 7.15 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion: 77 Resp: 627568
Ion Ratio Lower Upper
77 100
123 47.1 37.4 56.0
65 13.8 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.81 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1160885

Ion Ratio Lower Upper

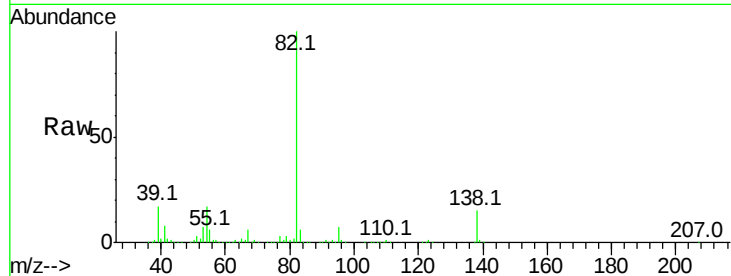
82 100

95 6.8 5.3 7.9

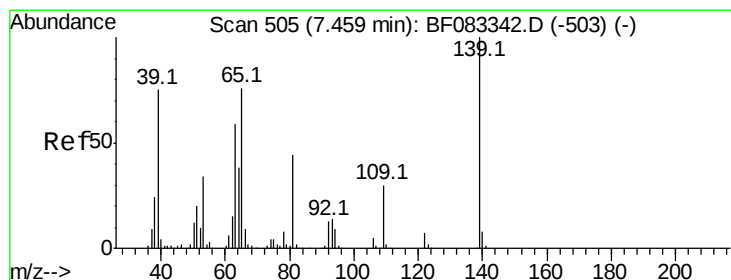
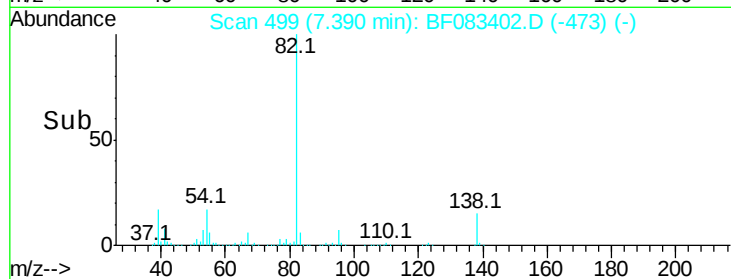
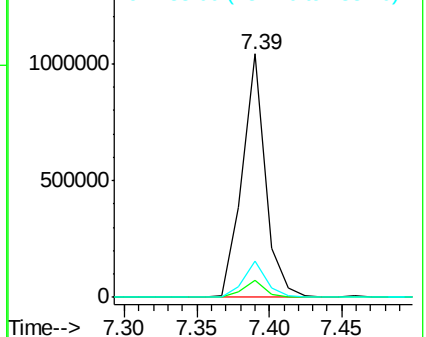
138 15.0 11.6 17.4

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.58 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

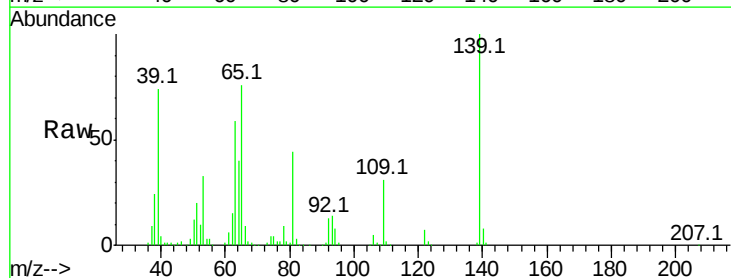
Tgt Ion: 139 Resp: 252753

Ion Ratio Lower Upper

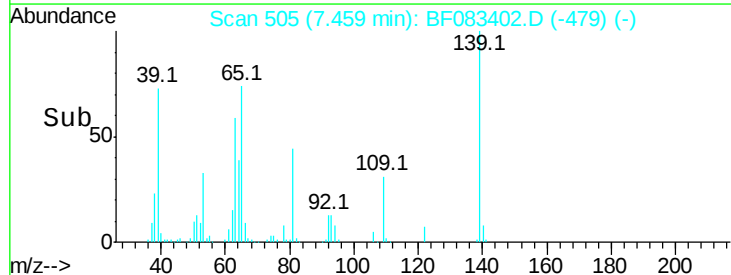
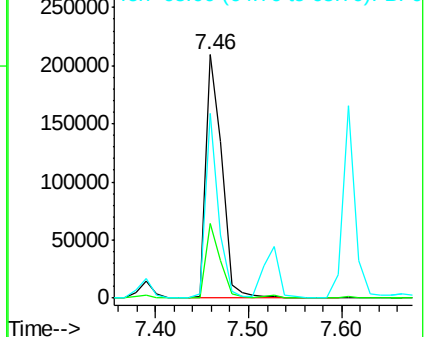
139 100

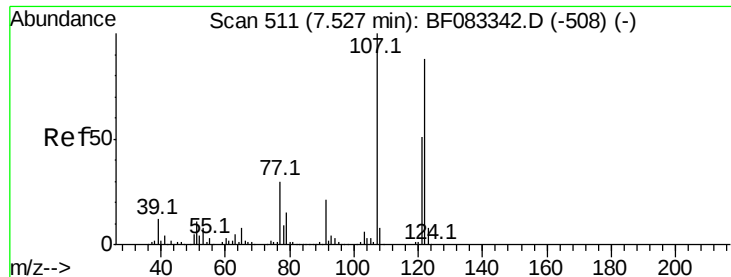
109 30.5 24.2 36.4

65 75.7 61.0 91.6



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.71 ng

RT: 7.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

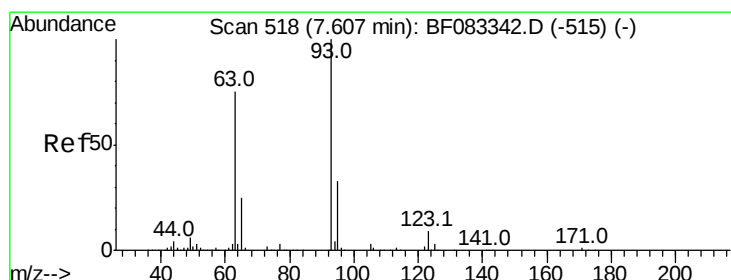
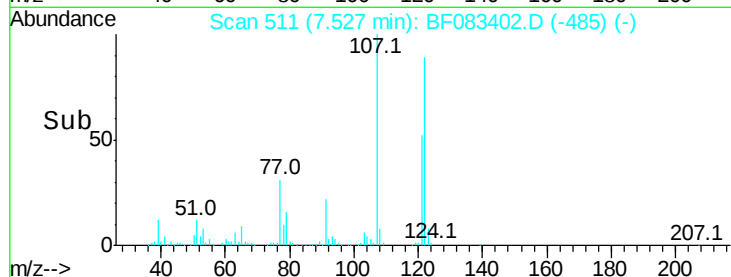
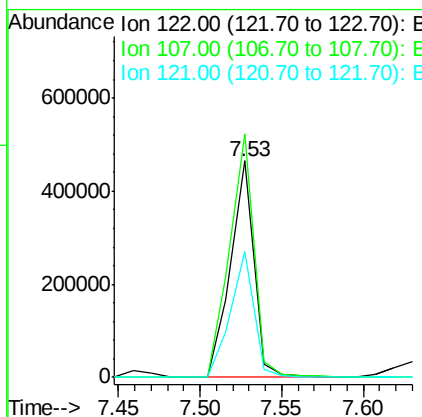
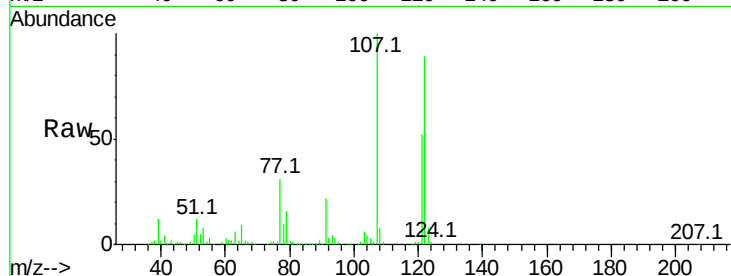
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	460023
Ion Ratio	Lower	Upper	
122	100		
107	112.4	91.2	136.8
121	58.0	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 37.33 ng

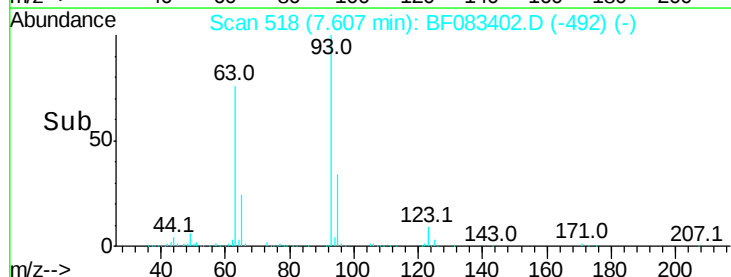
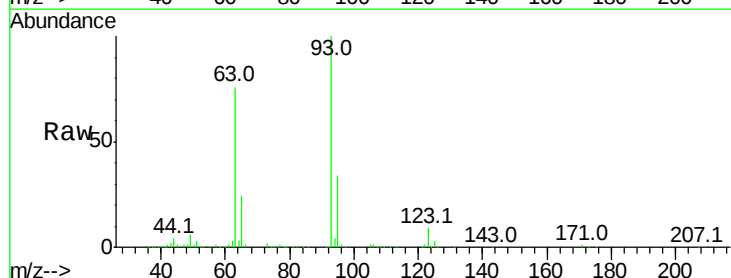
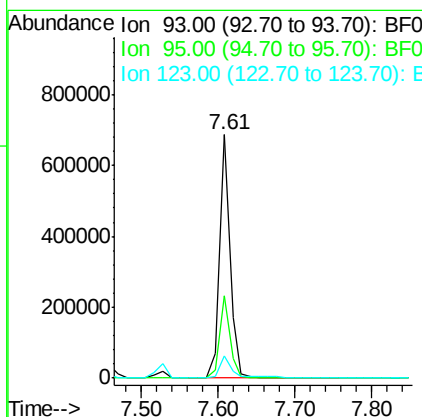
RT: 7.61 min Scan# 518

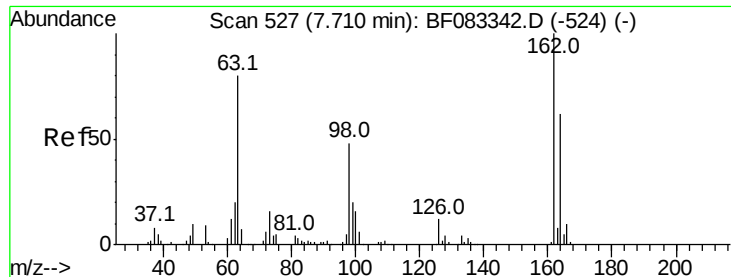
Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Tgt Ion:	93	Resp:	652757
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.1	39.1
123	9.1	7.4	11.0





#29

2,4-Dichlorophenol

Concen: 37.58 ng

RT: 7.71 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

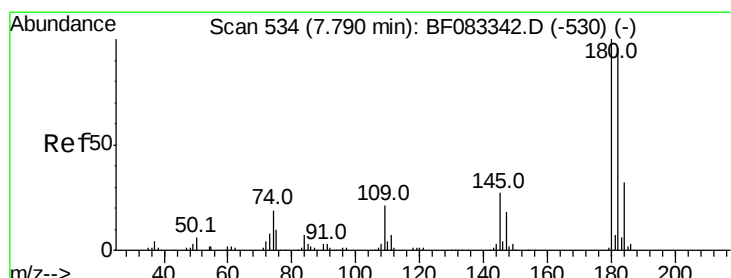
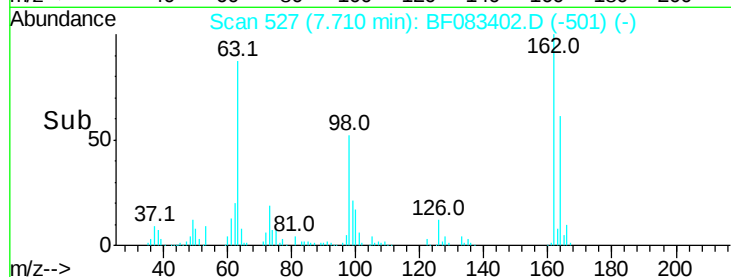
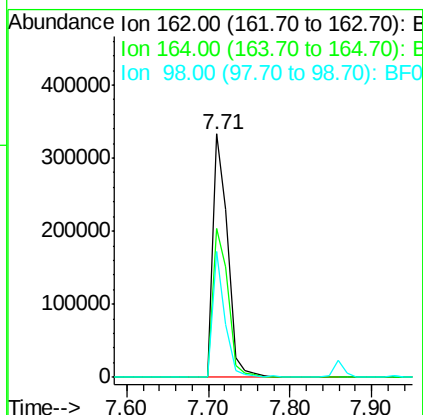
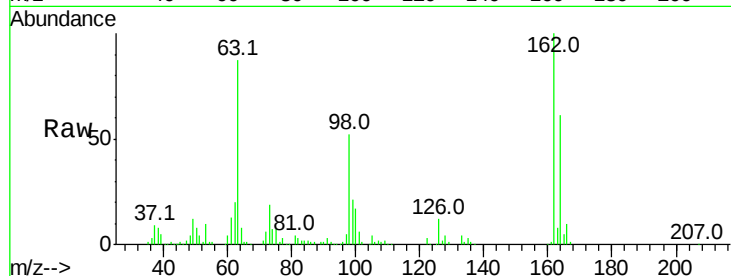
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	418633
Ion Ratio	Lower	Upper	
162	100		
164	61.3	41.9	81.9
98	51.6	28.1	68.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 37.46 ng

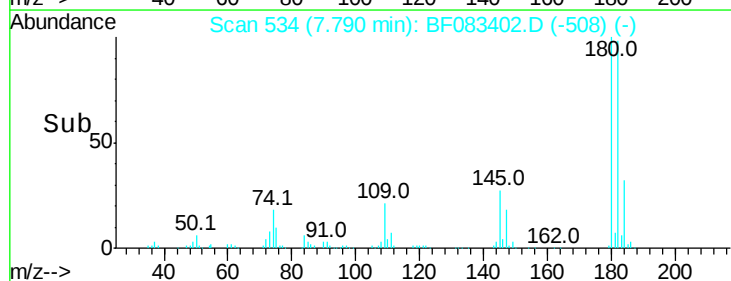
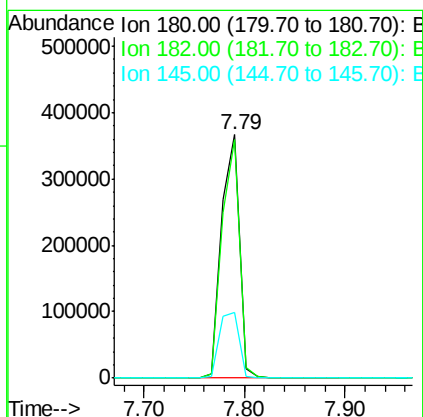
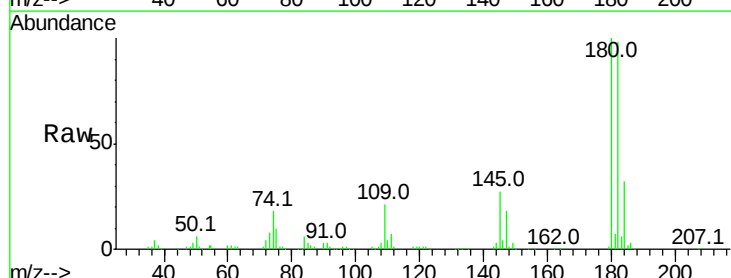
RT: 7.79 min Scan# 534

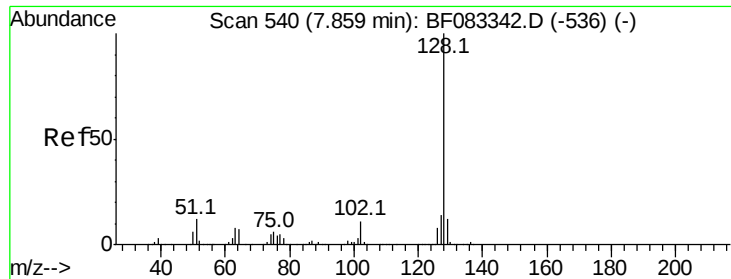
Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Tgt Ion:	180	Resp:	454263
Ion Ratio	Lower	Upper	
180	100		
182	98.2	77.2	115.8
145	27.1	21.4	32.2





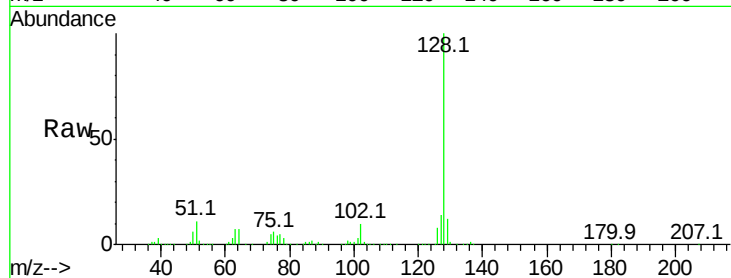
#31
Naphthalene
Concen: 36.52 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

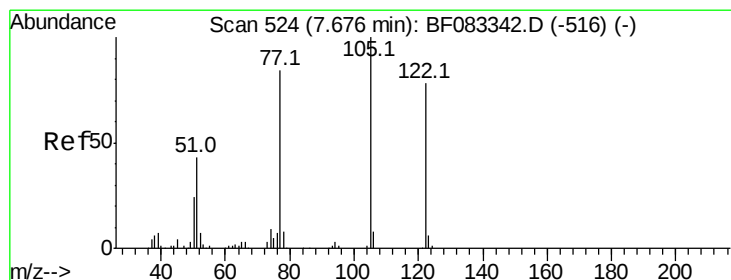
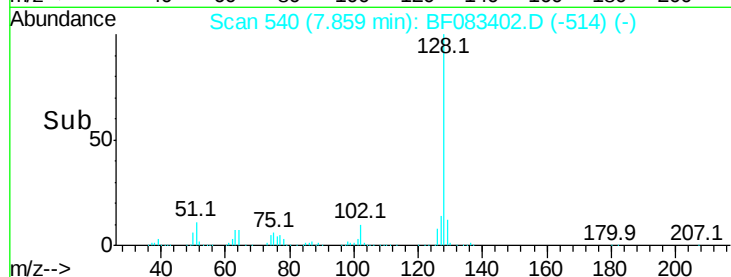
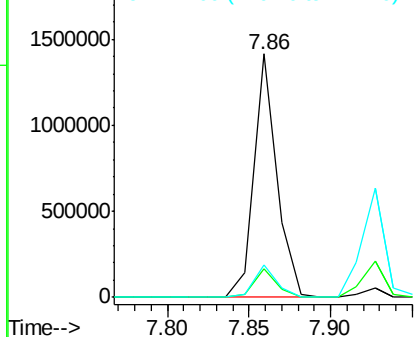
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.7	14.5
127	13.6	11.0	16.4

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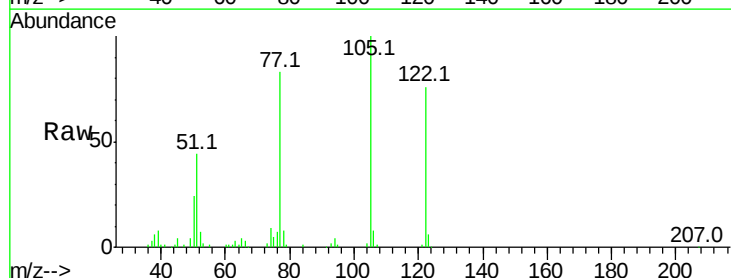


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

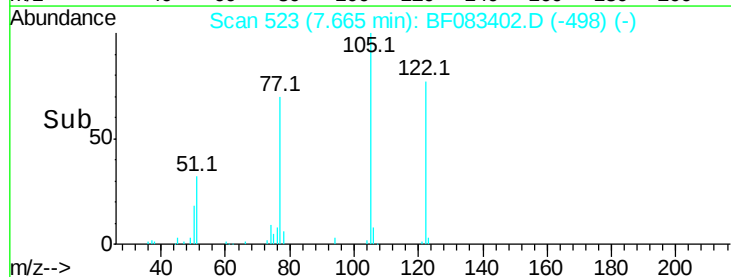
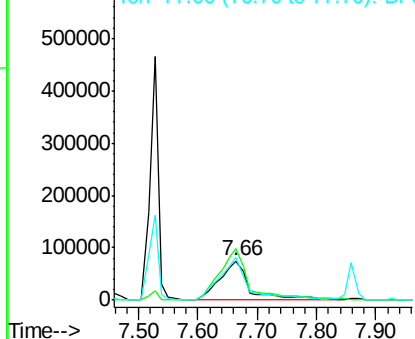


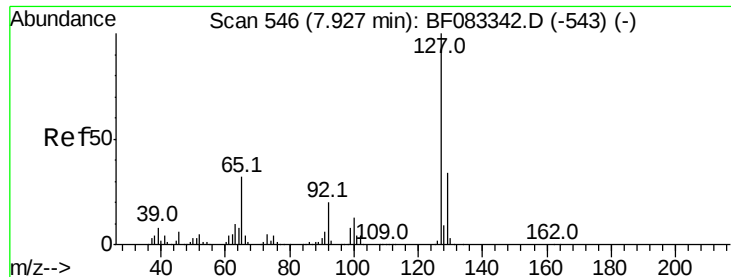
#32
Benzoic acid
Concen: 31.31 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.7	106.0	146.0
77	108.7	86.3	126.3



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





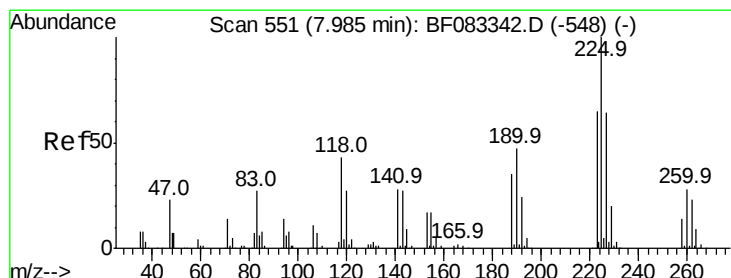
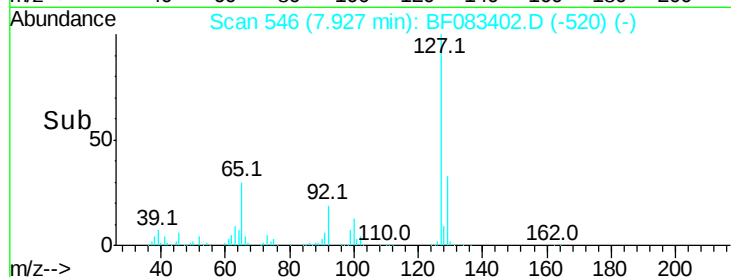
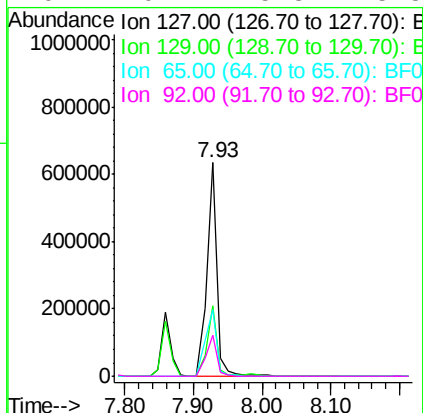
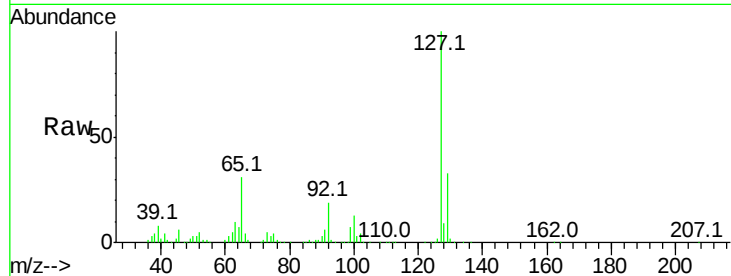
#33
4-Chloroaniline
Concen: 39.29 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.7	27.0	40.4
65	31.1	25.9	38.9
92	19.1	15.8	23.8

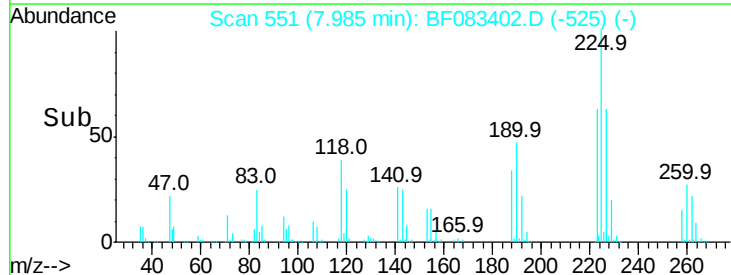
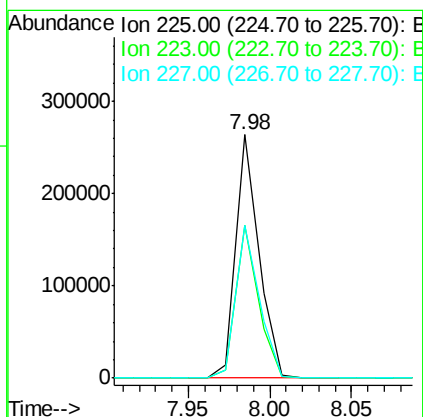
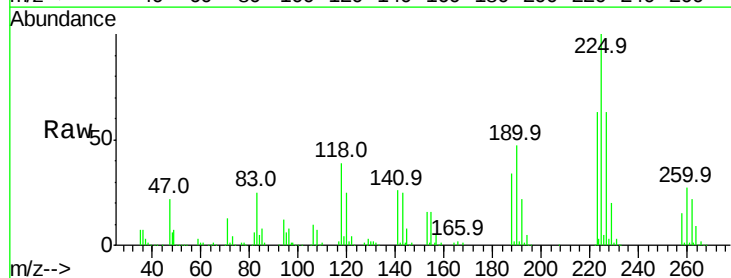
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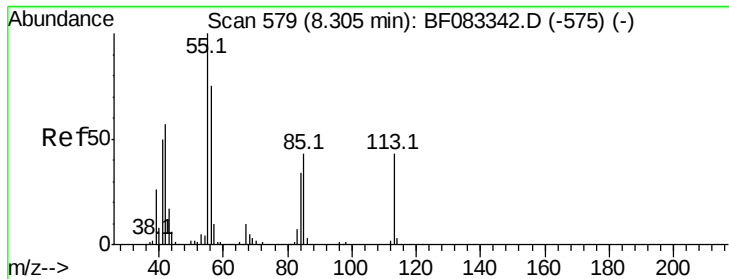
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#34
Hexachlorobutadiene
Concen: 37.22 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.9	52.0	78.0
227	62.9	51.1	76.7





#35

Caprolactam

Concen: 41.25 ng

RT: 8.32 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

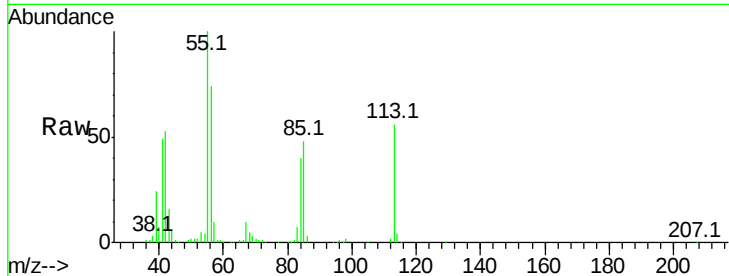
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	145190
Ion Ratio	Lower	Upper	
113	100		
55	179.2	211.6	251.6#
56	131.9	153.0	193.0#

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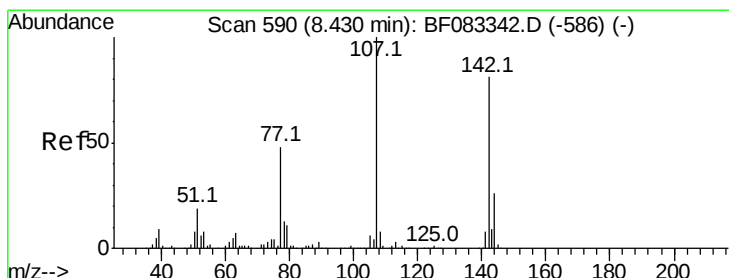
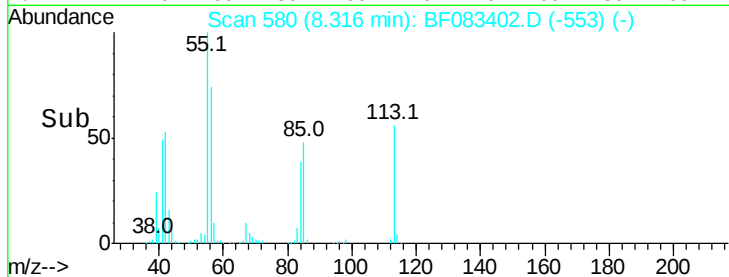
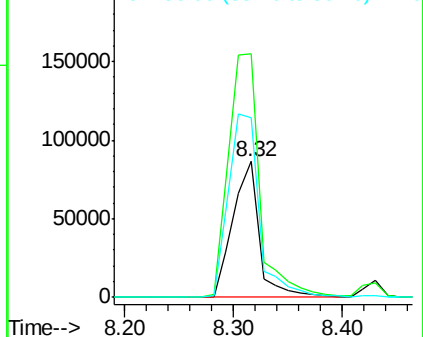
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.52 ng

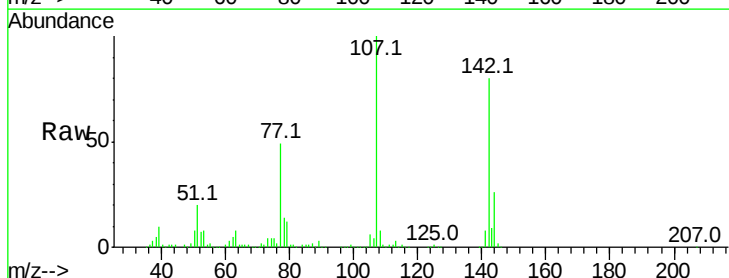
RT: 8.43 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

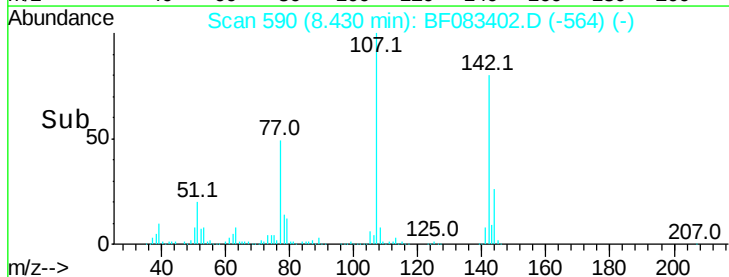
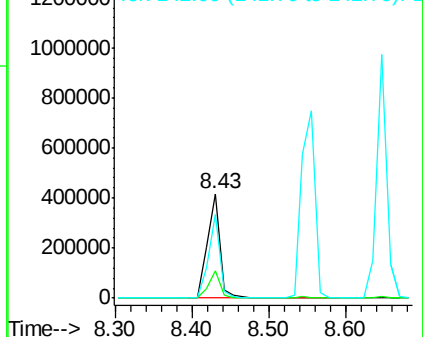
Tgt Ion:	107	Resp:	468796
Ion Ratio	Lower	Upper	
107	100		
144	26.0	21.1	31.7
142	80.0	65.1	97.7

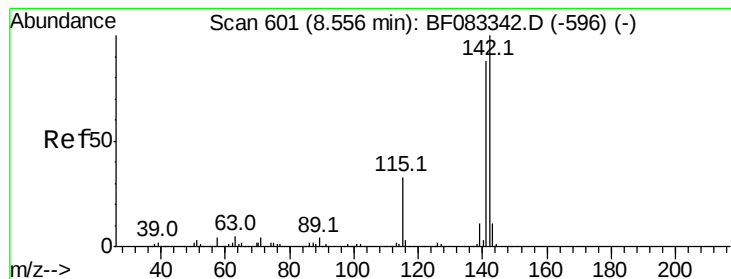


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





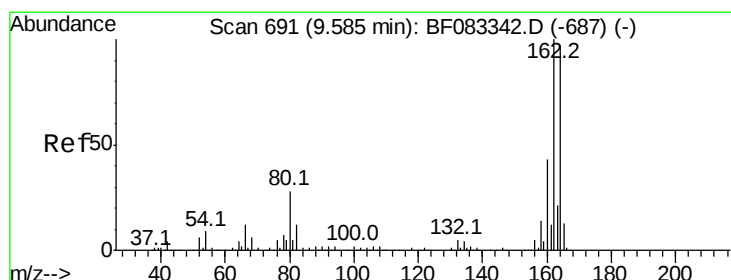
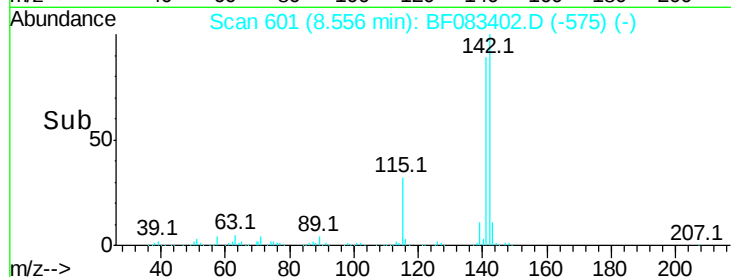
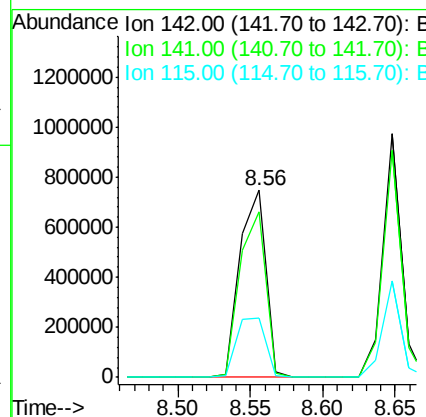
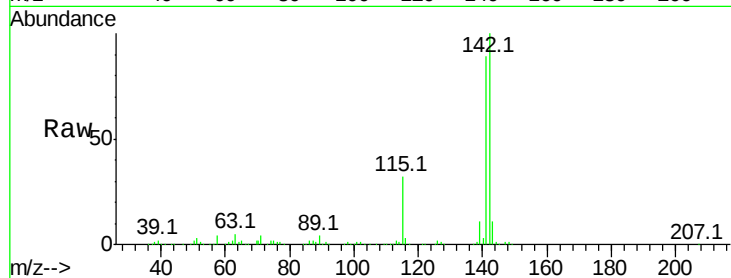
#37
2-Methylnaphthalene
Concen: 36.83 ng
RT: 8.56 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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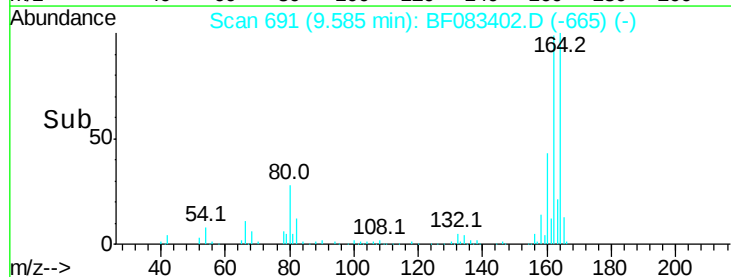
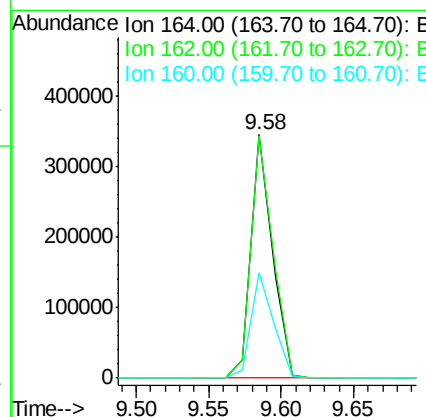
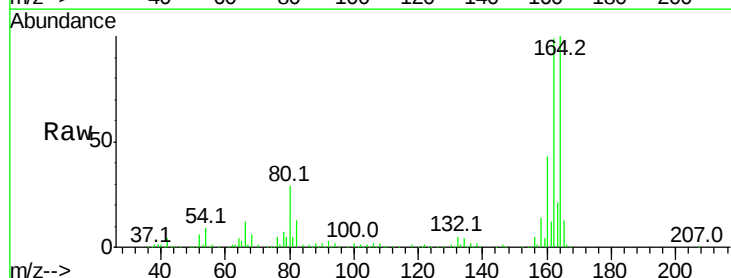
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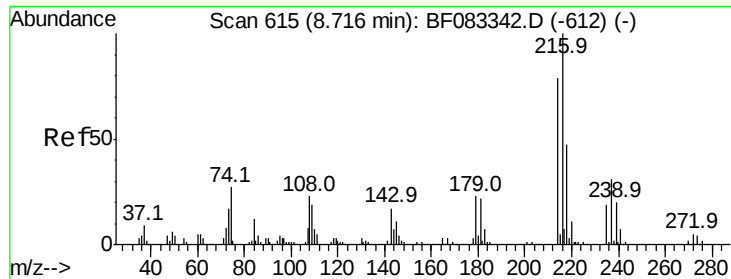
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.6	105.8
115	31.8	26.2	39.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.6	123.8
160	43.1	35.3	52.9





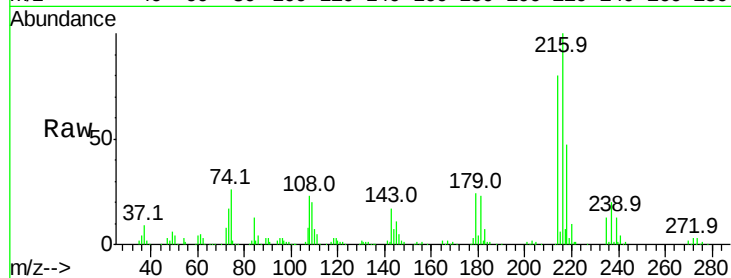
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.87 ng
 RT: 8.72 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

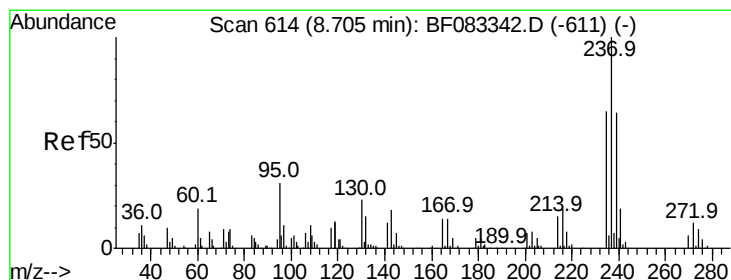
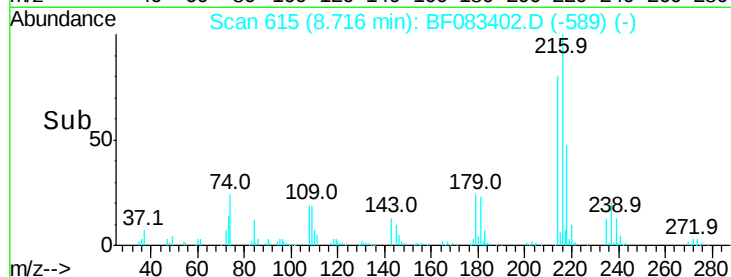
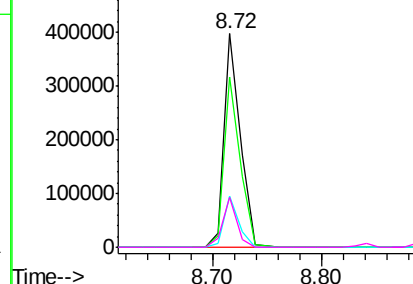
Tot Ion	Ratio	Resp	Lower	Upper
216	100	414695		
214	78.8	62.3	93.5	
179	21.7	17.0	25.4	
108	20.5	16.7	25.1	

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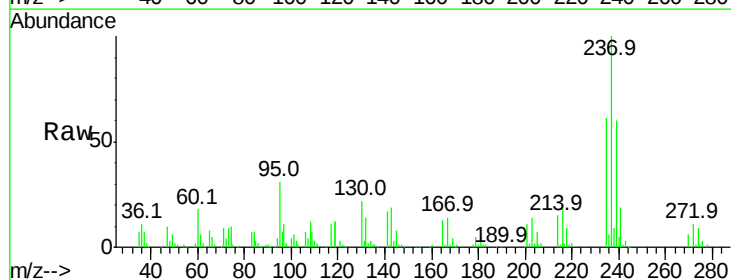


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

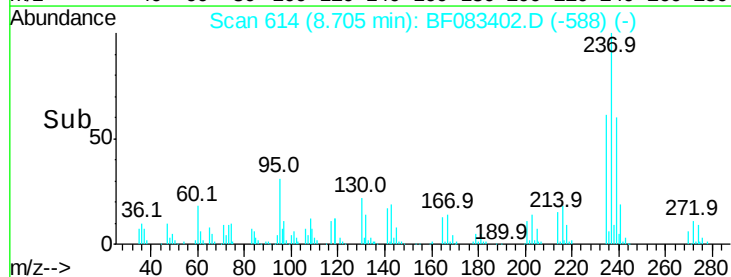
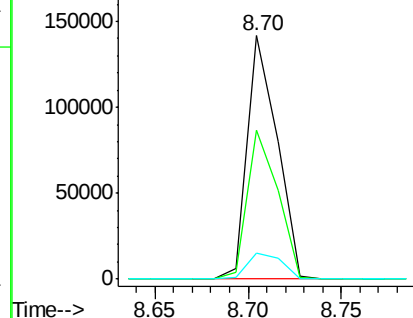


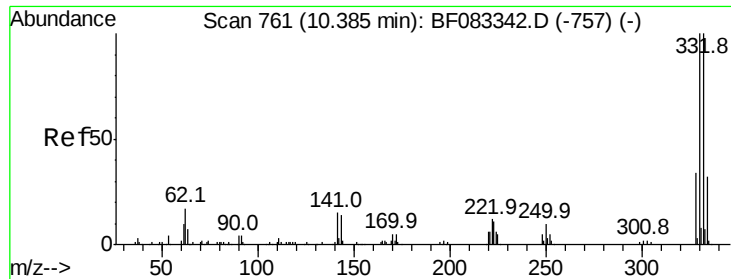
#40
 Hexachlorocyclopentadiene
 Concen: 29.56 ng
 RT: 8.70 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	157931		
235	61.2	44.5	84.5	
272	10.5	0.0	31.6	



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





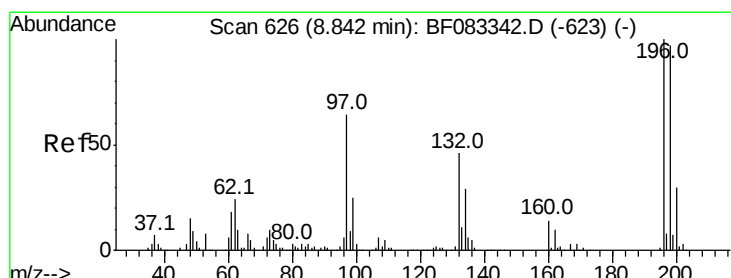
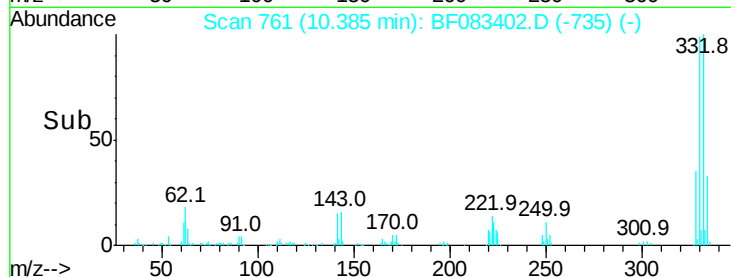
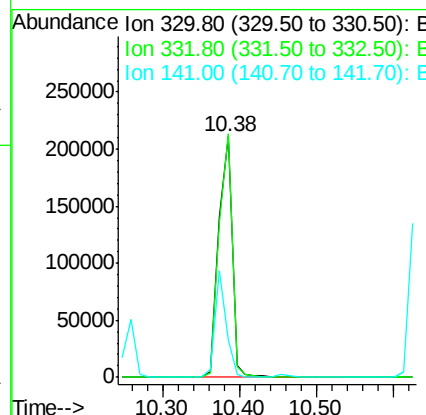
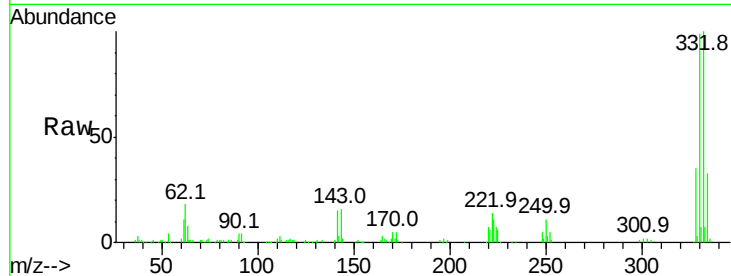
#41
 2,4,6-Tribromophenol
 Concen: 72.62 ng
 RT: 10.38 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	258678		
332	98.2		77.8	116.6
141	36.4		29.4	44.0

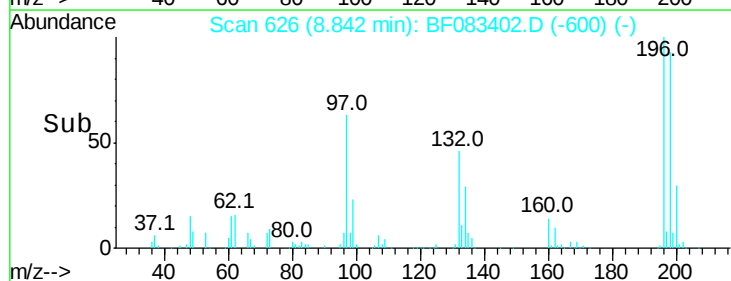
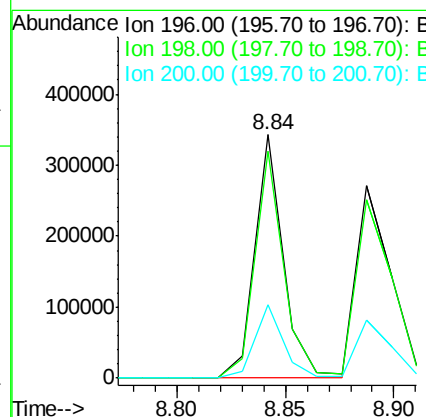
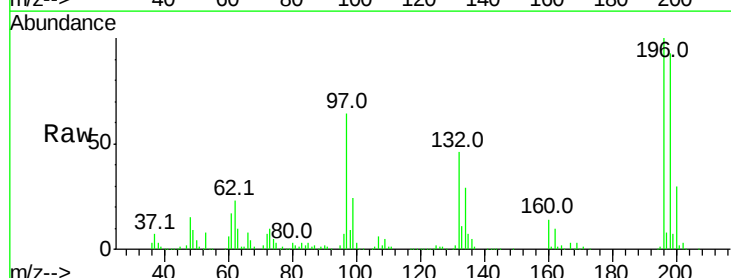
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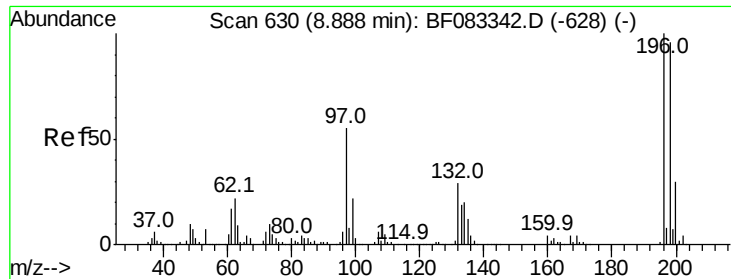
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#42
 2,4,6-Trichlorophenol
 Concen: 39.73 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	313479		
198	93.0		77.2	115.8
200	30.1		24.2	36.4





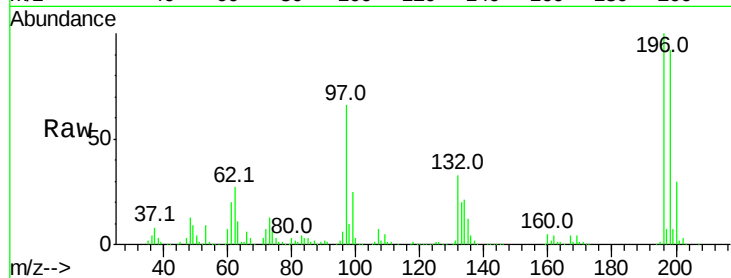
#43
 2,4,5-Trichlorophenol
 Concen: 37.47 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	306290
Ion Ratio	Lower	Upper	
196	100		
198	92.4	77.2	115.8
97	65.6	44.4	66.6
132	32.8	23.2	34.8

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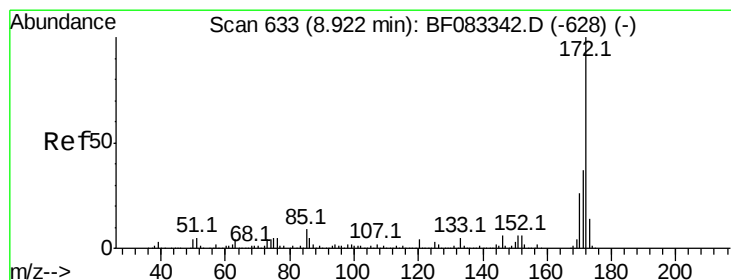
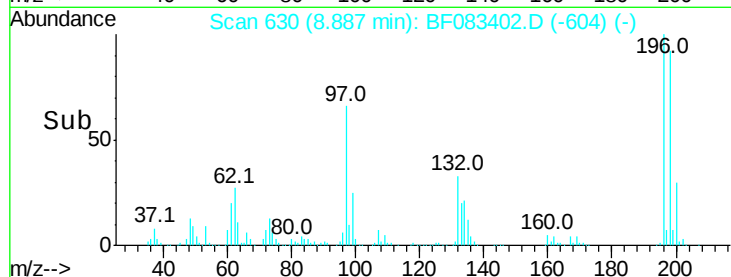
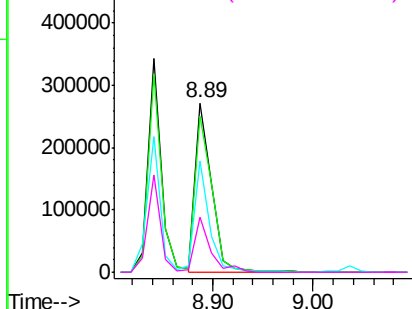
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.77 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

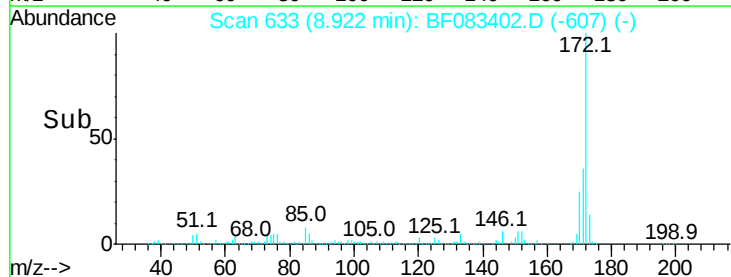
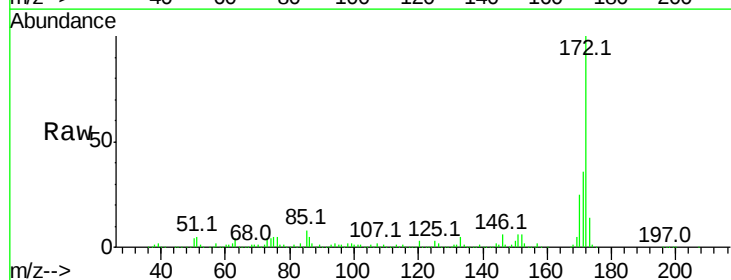
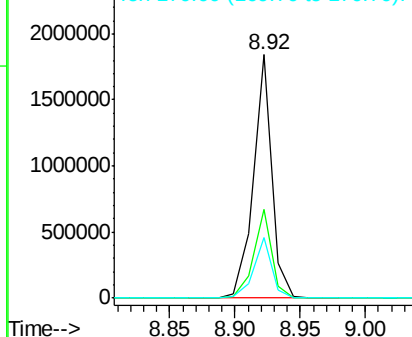
Tgt Ion:	172	Resp:	1811969
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.4	44.0
170	24.8	20.4	30.6

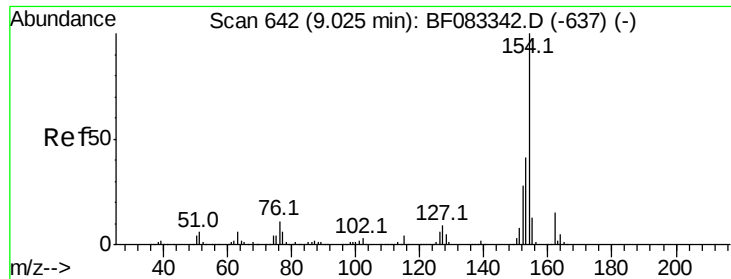
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





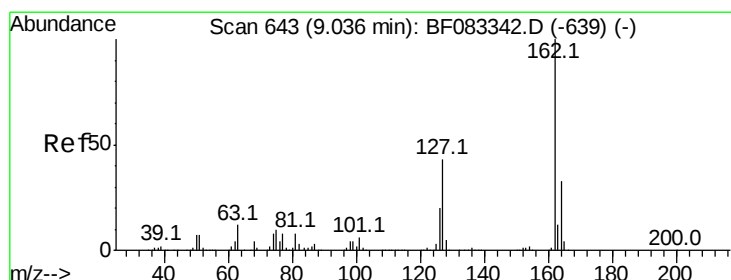
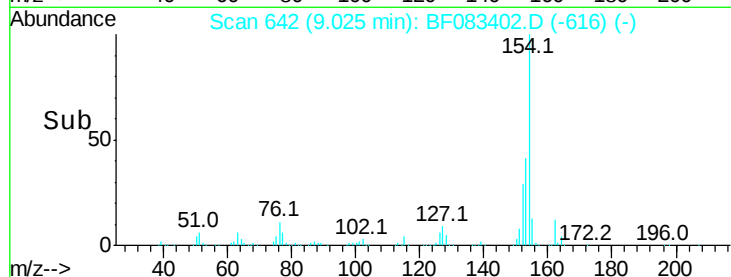
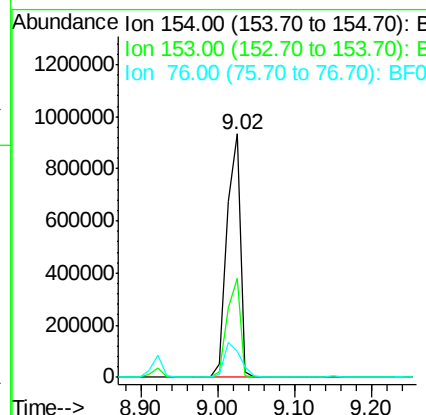
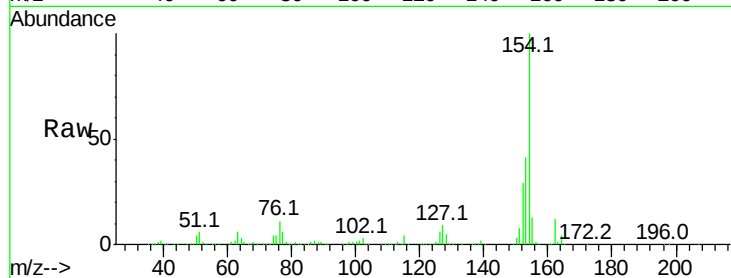
#45
 1,1'-Biphenyl
 Concen: 37.26 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	10.9	0.0	30.5

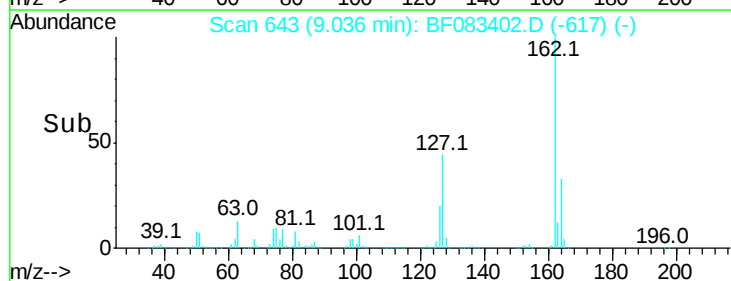
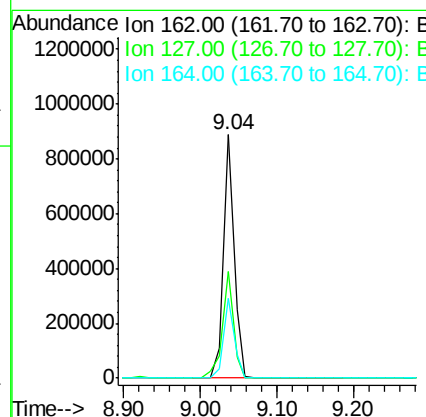
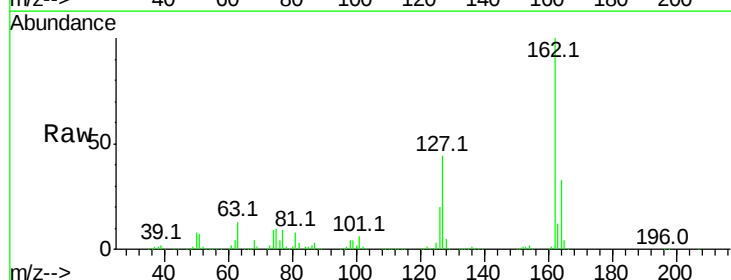
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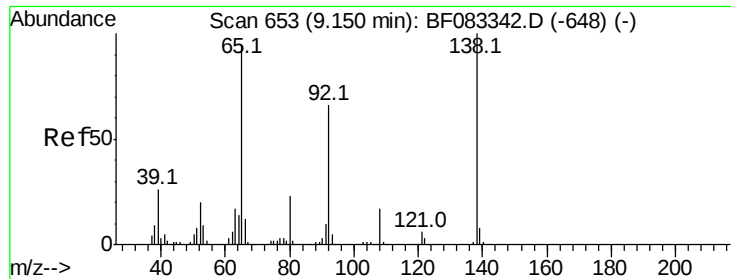
Mmdadoda
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#46
 2-Chloronaphthalene
 Concen: 36.60 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.7	34.1	51.1
164	32.7	26.6	39.8





#47

2-Nitroaniline

Concen: 40.53 ng

RT: 9.15 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

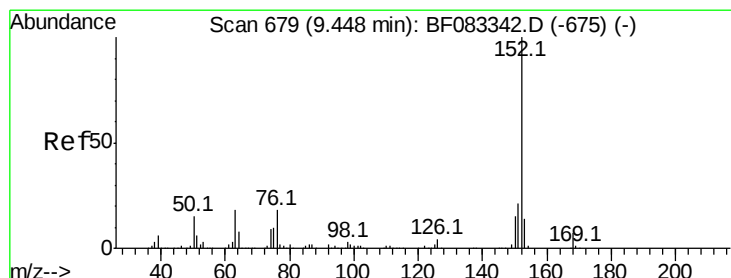
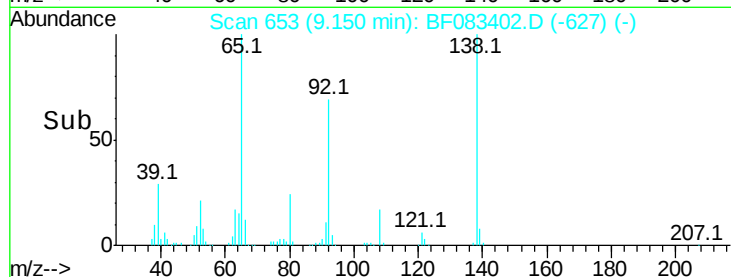
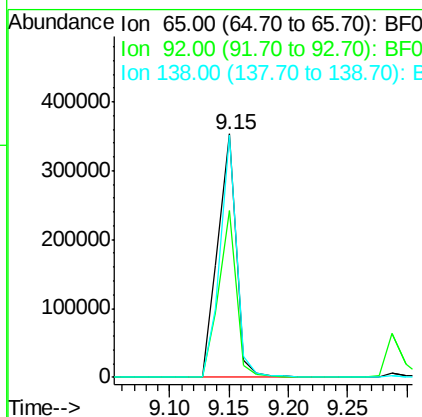
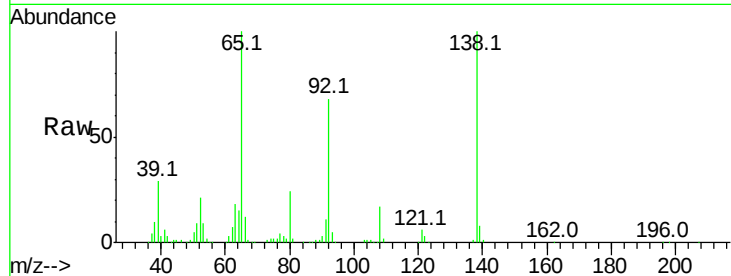
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	380665
Ion Ratio	Lower	Upper	
65	100		
92	68.5	56.2	84.4
138	99.6	85.4	128.0

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#48

Acenaphthylene

Concen: 36.52 ng

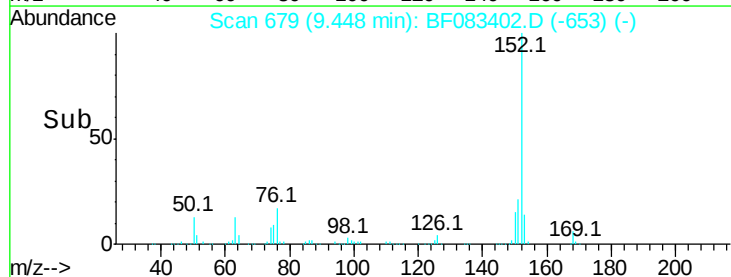
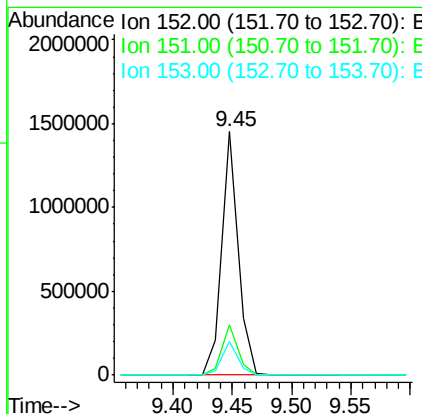
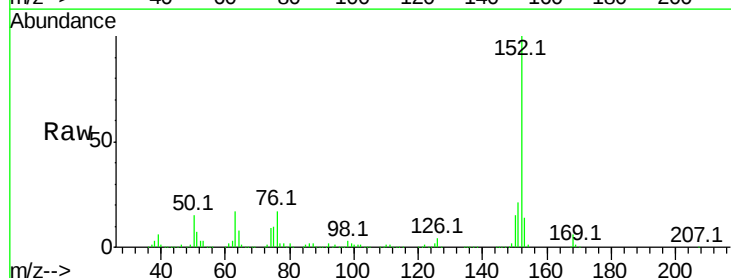
RT: 9.45 min Scan# 679

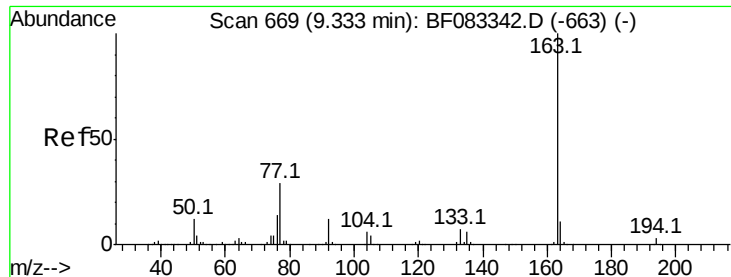
Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Tgt Ion:	152	Resp:	1381356
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.7	25.1
153	14.1	11.2	16.8





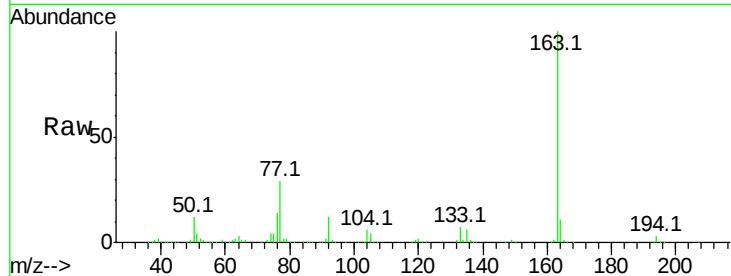
#49
Dimethylphthalate
Concen: 35.99 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

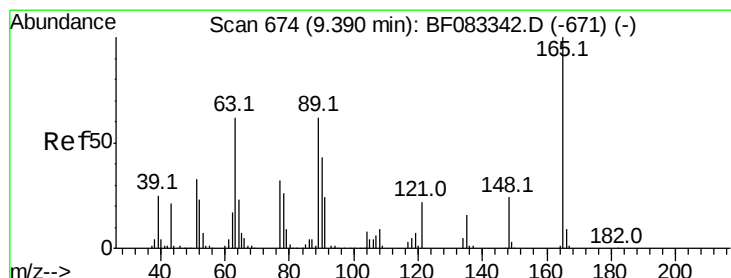
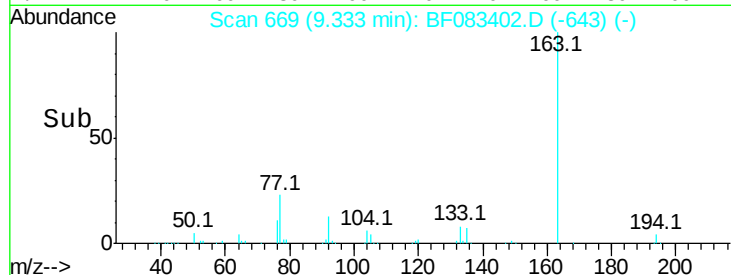
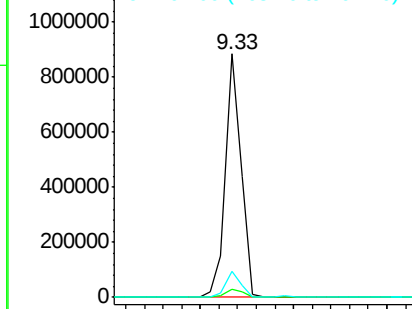
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.8	8.8	13.2

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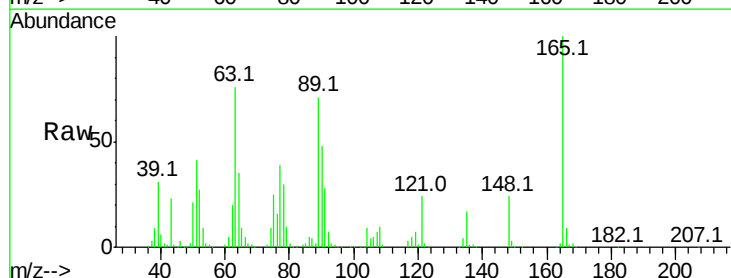


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

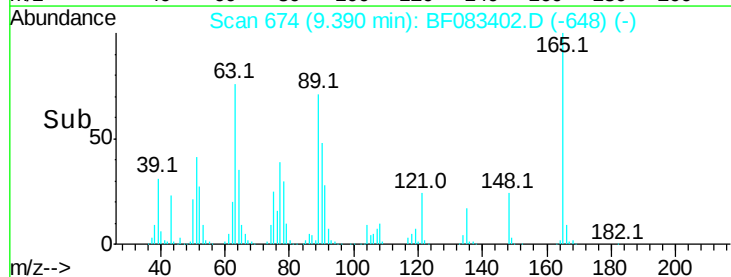
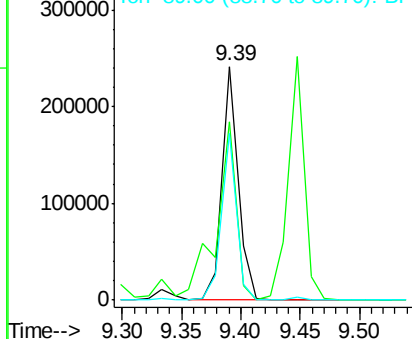


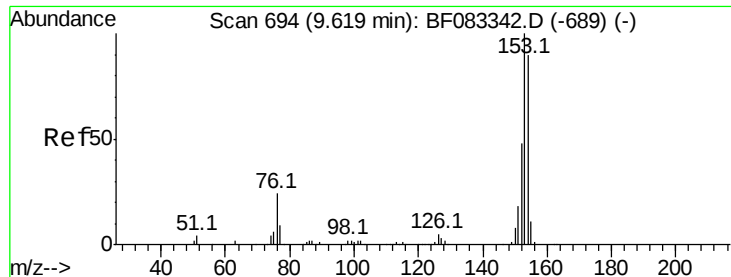
#50
2,6-Dinitrotoluene
Concen: 36.85 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	76.4	56.0	84.0
89	71.3	49.8	74.8



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: 35.96 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

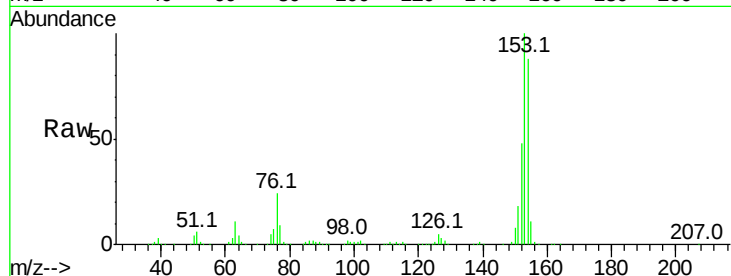
ClientSampleId :

SSTDCCC040

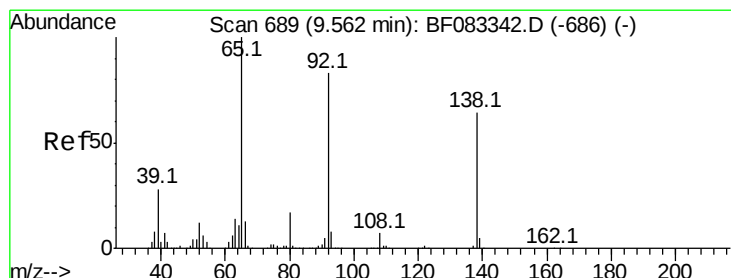
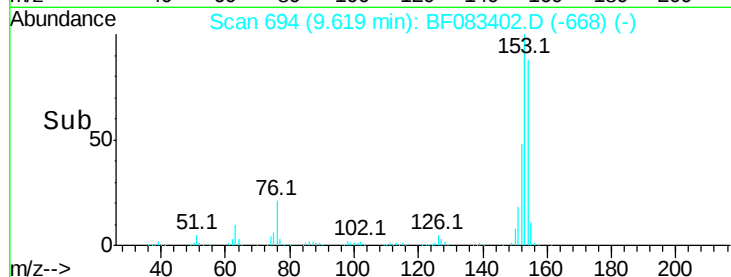
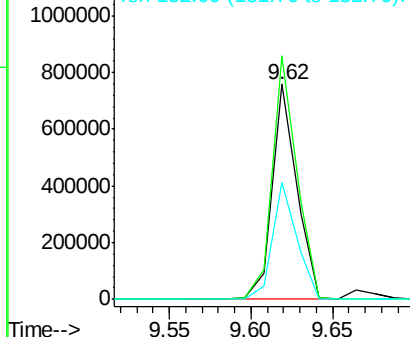
Tot Ion:	154	Resp:	800058
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.3	133.9
152	54.1	42.5	63.7

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



#52

3-Nitroaniline

Concen: 36.84 ng

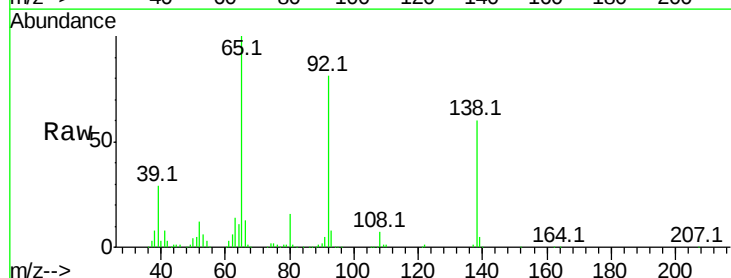
RT: 9.56 min Scan# 689

Delta R.T. -0.00 min

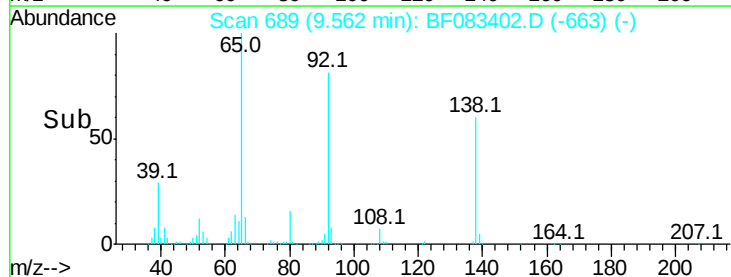
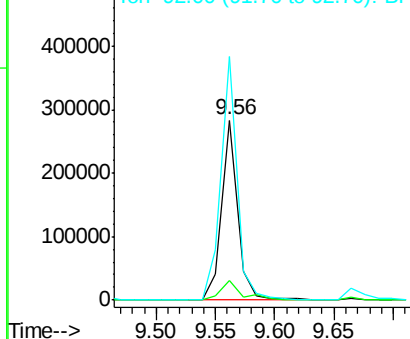
Lab File: BF083402.D

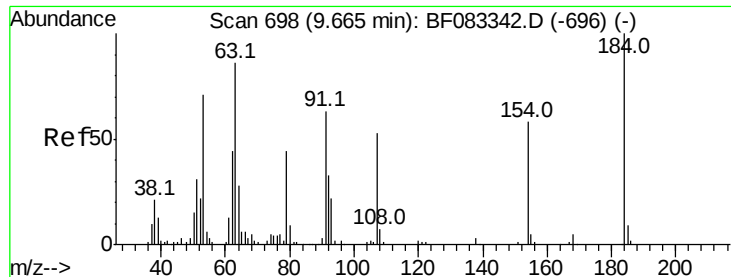
Acq: 2 Dec 2015 6:08

Tgt Ion:	138	Resp:	265896
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.4	12.6
92	135.2	104.2	156.4



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





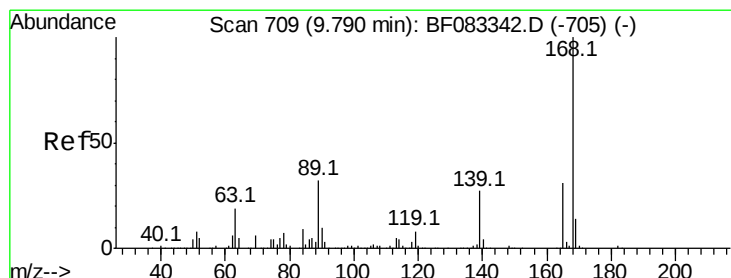
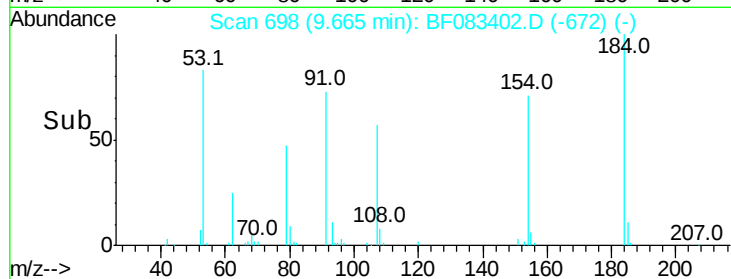
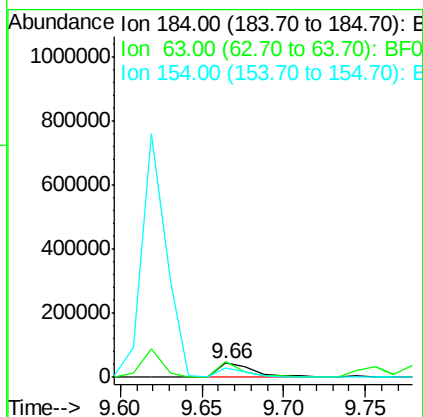
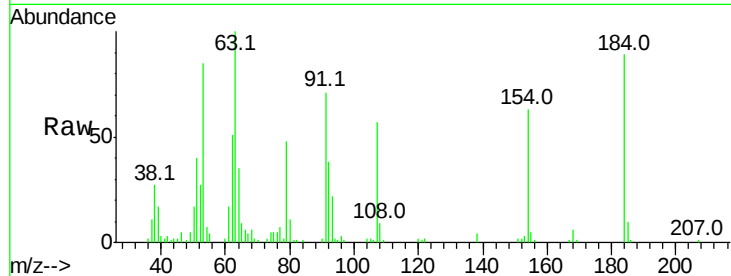
#53
2,4-Dinitrophenol
Concen: 22.71 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	112.2	69.0	103.6#
154	70.6	50.0	75.0

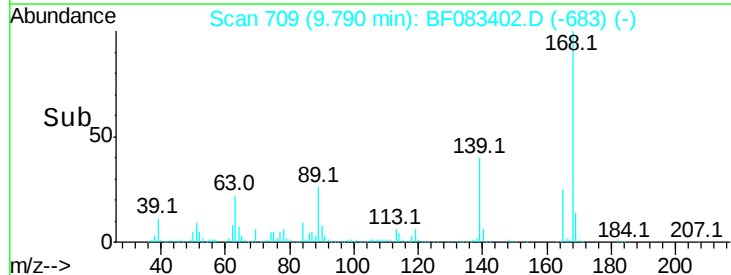
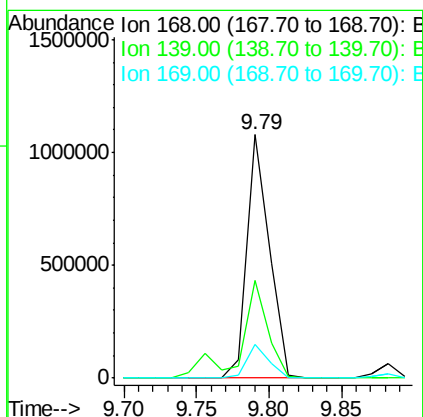
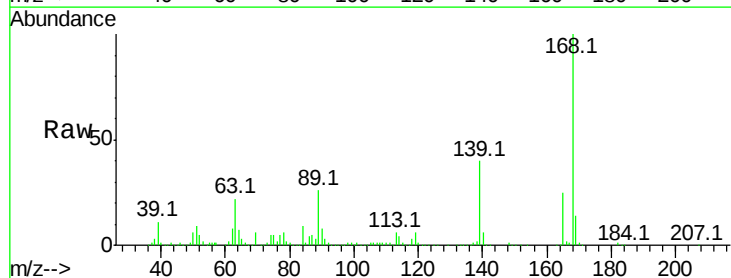
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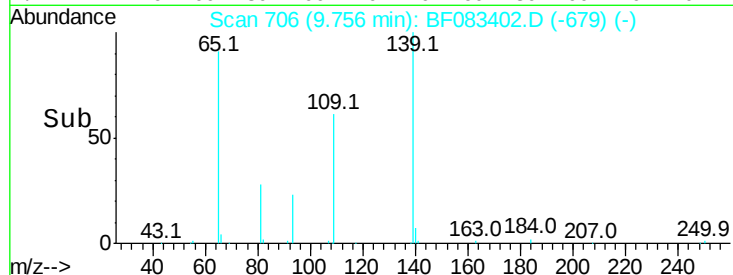
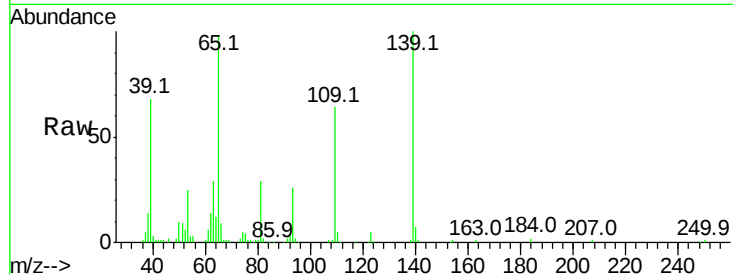
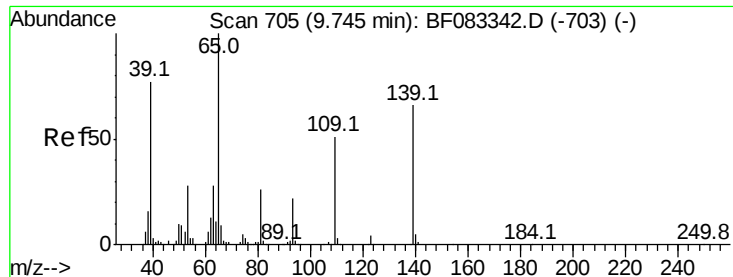
Mmdadoda
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#54
Dibenzofuran
Concen: 35.43 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	32.7	49.1
169	14.0	11.1	16.7





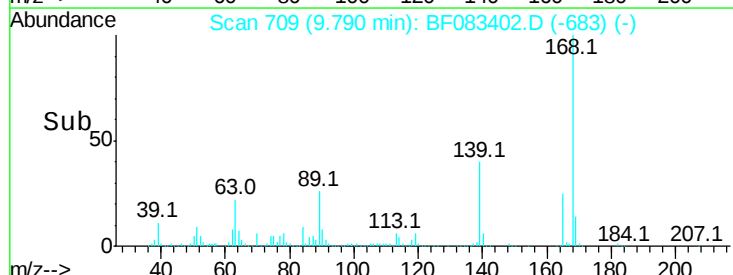
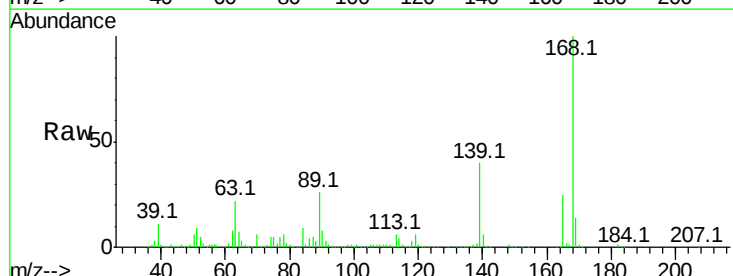
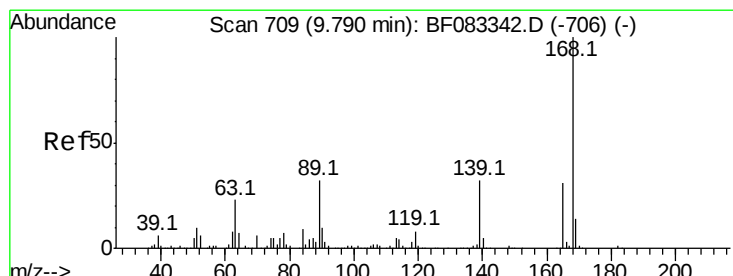
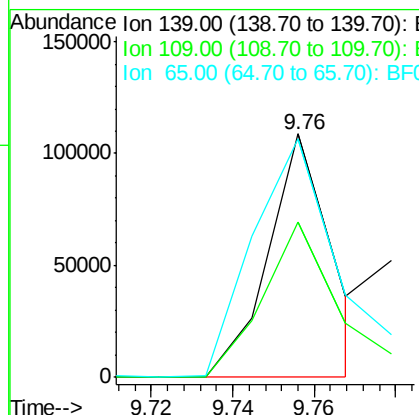
#55
4-Nitrophenol
Concen: 26.09 ng/mL
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tot Ion: 139 Resp: 117781
Ion Ratio Lower Upper
139 100
109 63.8 57.4 97.4
65 98.1 131.6 171.6#

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

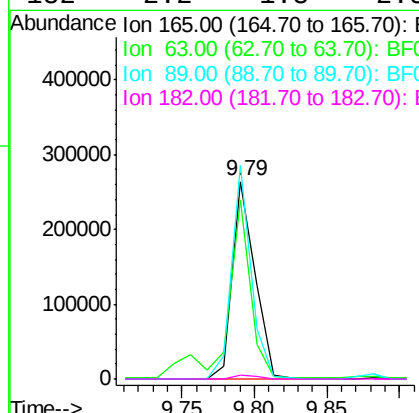
Manual Integrations
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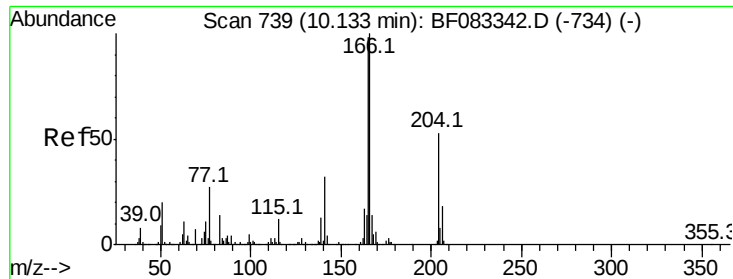
Mmdadoda
12/2/2015 6:13:02 PM



#56
2,4-Dinitrotoluene
Concen: 36.24 ng/mL
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion: 165 Resp: 283159
Ion Ratio Lower Upper
165 100
63 90.5 65.4 98.0
89 108.0 81.2 121.8
182 2.2 1.8 2.8





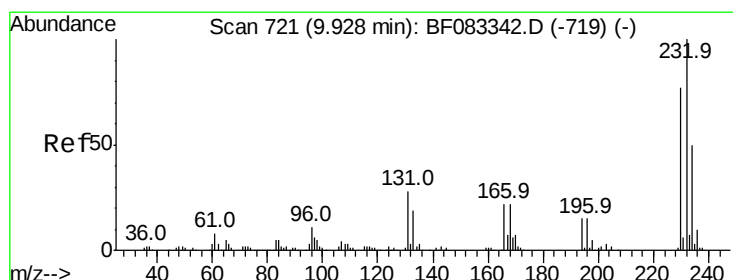
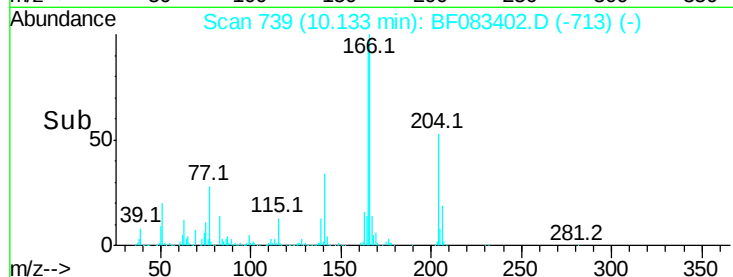
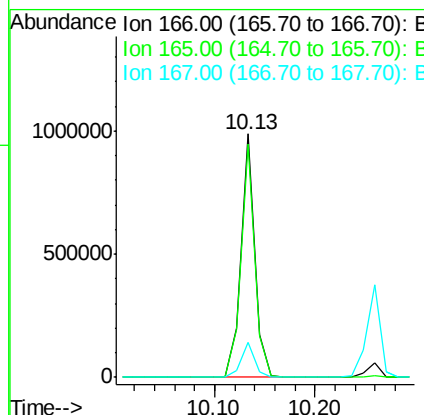
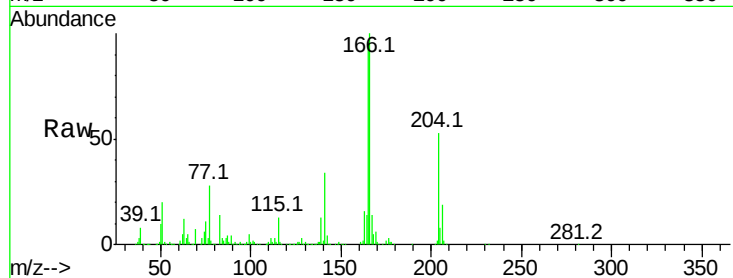
#57
 Fluorene
 Concen: 36.61 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.7	78.3	117.5	
167	14.3	11.1	16.7	

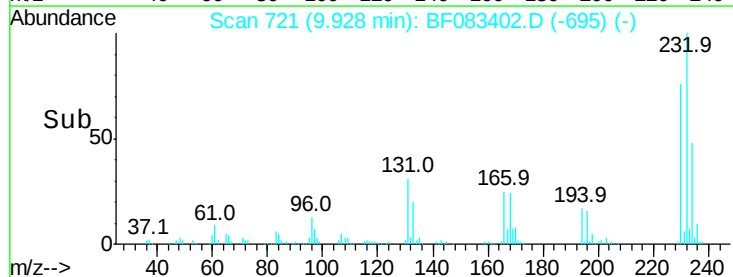
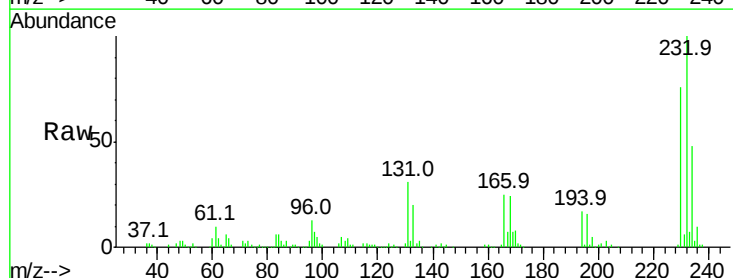
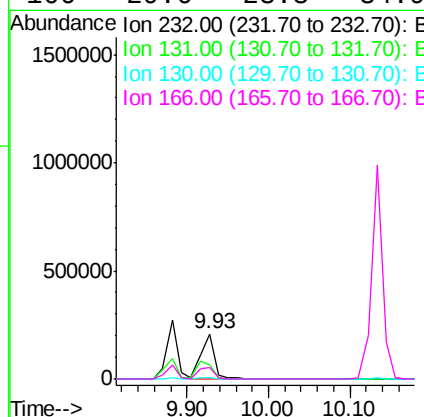
Manual Integrations
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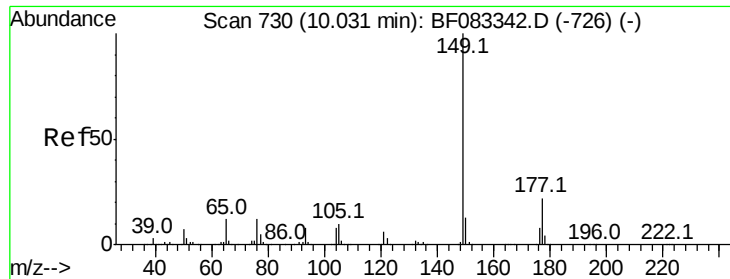
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.83 ng
 RT: 9.93 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	44.3	35.4	53.2	
130	2.0	1.7	2.5	
166	29.6	23.3	34.9	





#59

Diethylphthalate

Concen: 38.44 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1056715

Ion Ratio Lower Upper

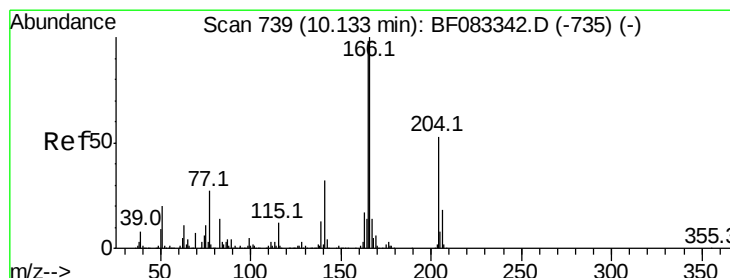
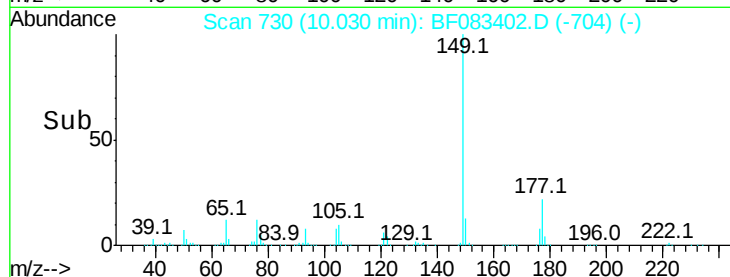
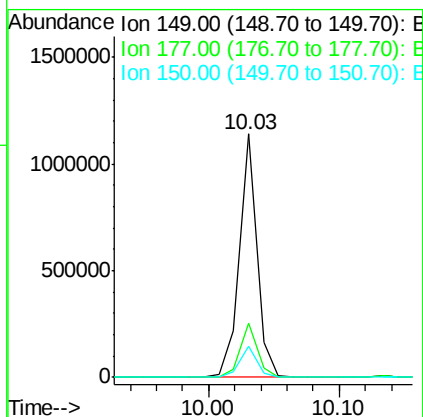
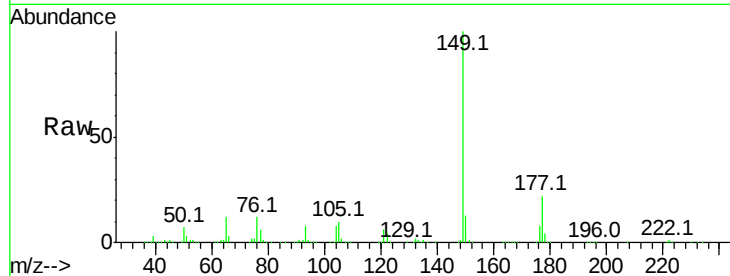
149 100

177 22.0 17.4 26.2

150 13.0 10.4 15.6

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#60

4-Chlorophenyl-phenylether

Concen: 38.08 ng

RT: 10.13 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

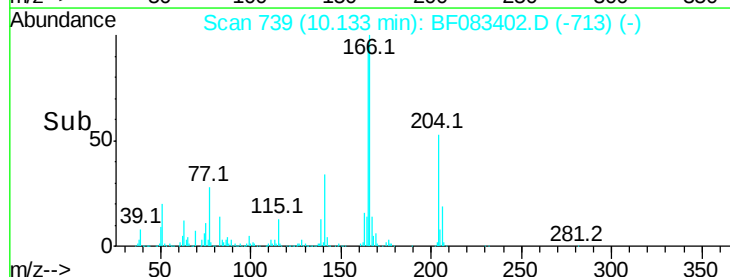
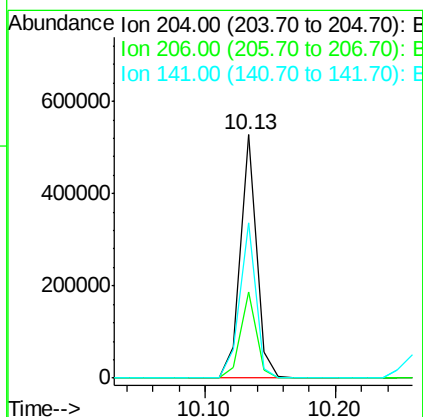
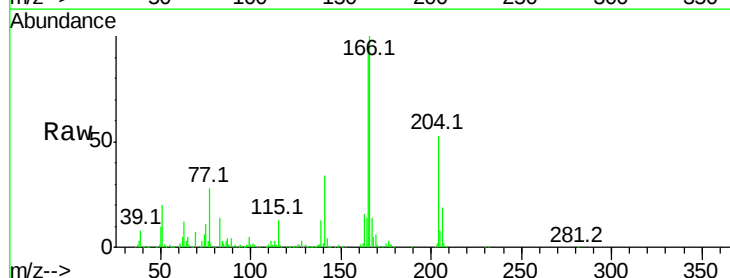
Tgt Ion:204 Resp: 450492

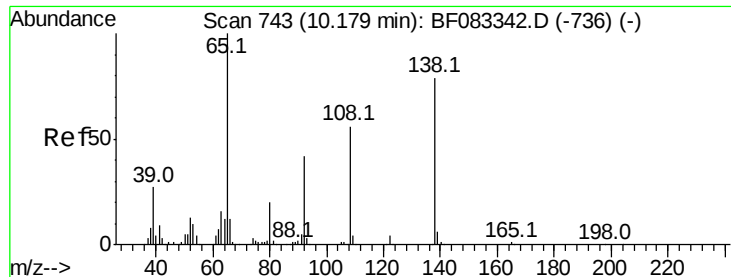
Ion Ratio Lower Upper

204 100

206 35.1 27.5 41.3

141 63.8 48.1 72.1





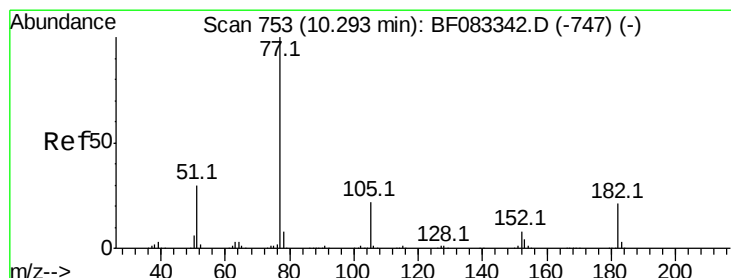
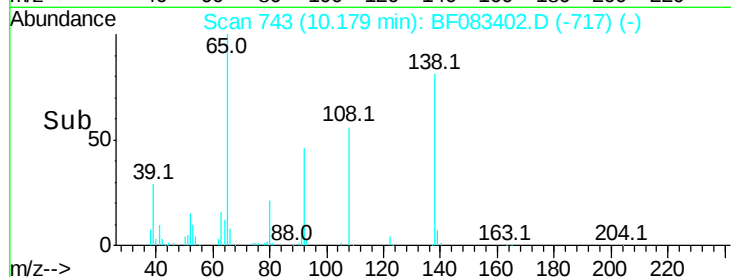
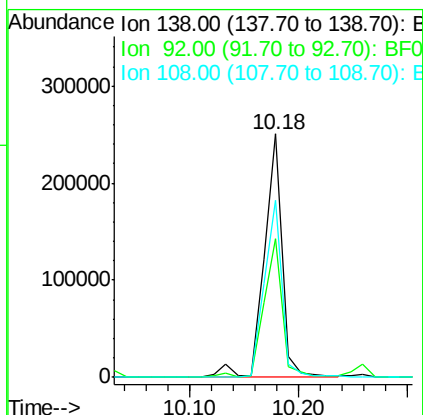
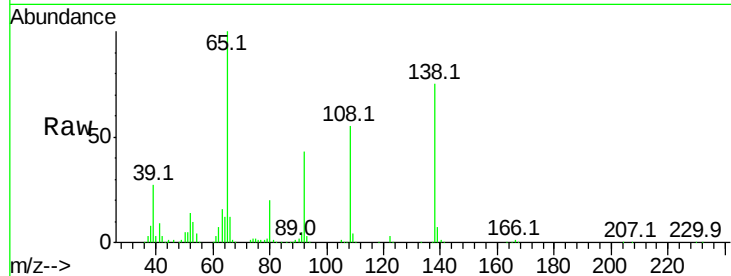
#61
4-Nitroaniline
Concen: 40.18 ng
RT: 10.18 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.7	33.6	73.6
108	72.6	51.0	91.0

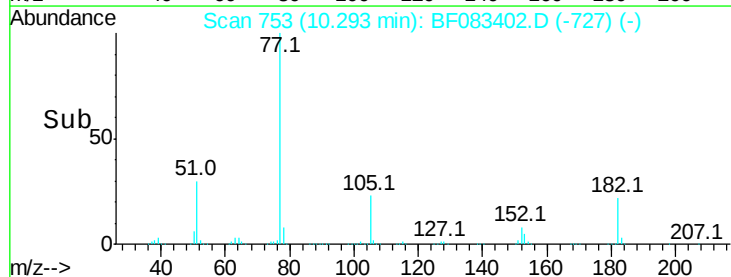
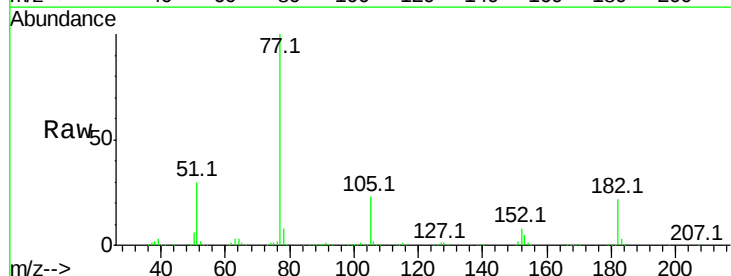
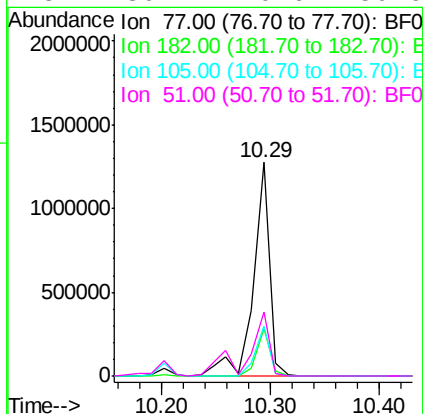
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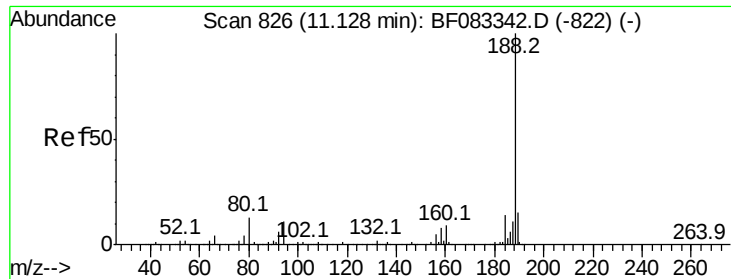
Mmdadoda
12/2/2015 6:13:02 PM



#62
Azobenzene
Concen: 40.05 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.4	0.8	40.8
105	23.1	2.3	42.3
51	30.1	10.6	50.6





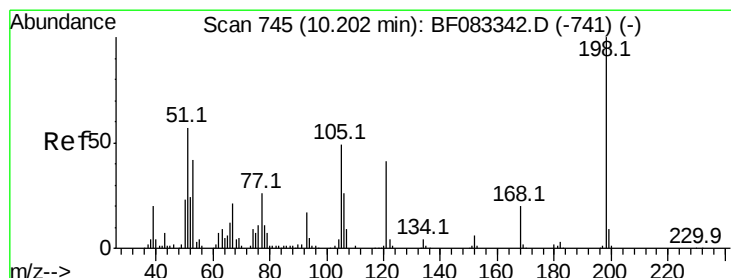
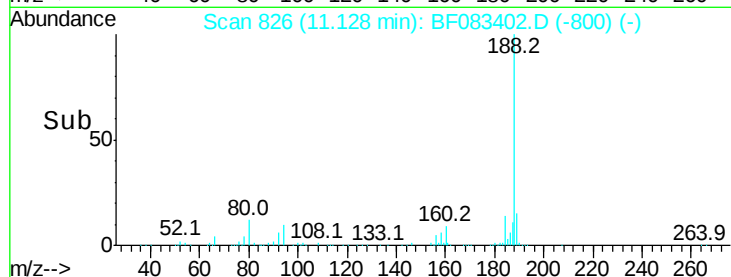
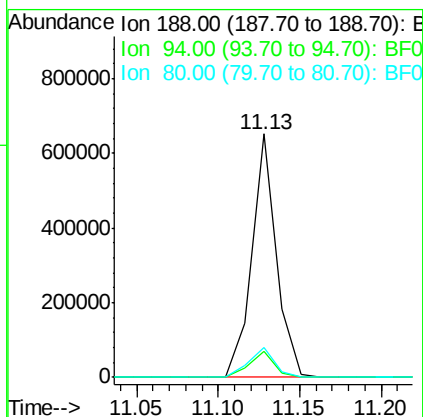
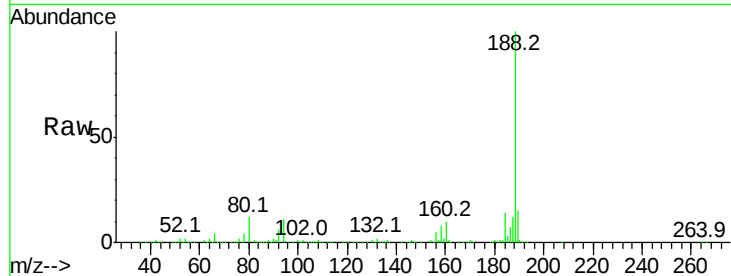
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	682547		
94	10.6		8.7	13.1
80	12.0		10.3	15.5

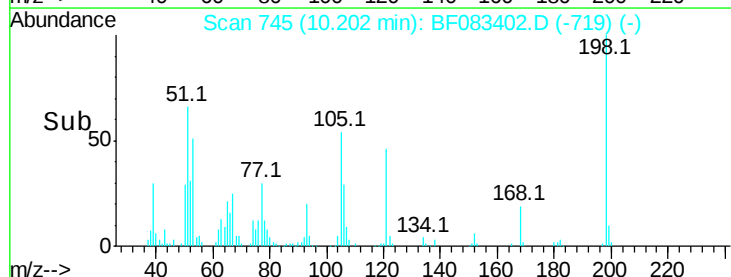
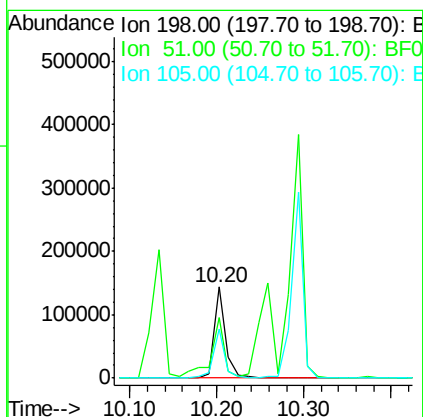
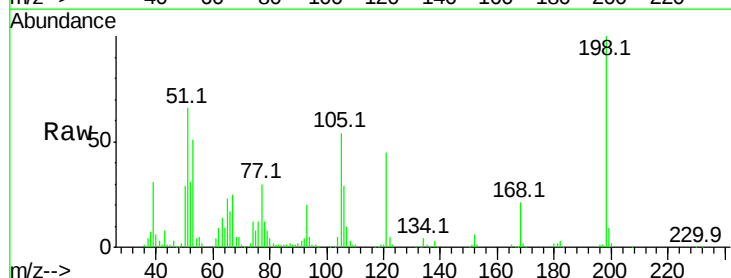
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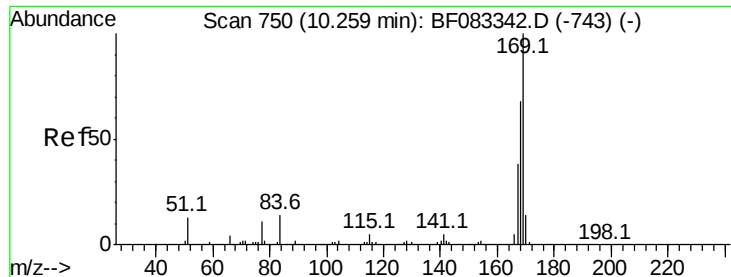
Mmdadoda
12/2/2015 6:13:02 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 29.34 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	134472		
51	66.1		38.3	78.3
105	54.1		29.2	69.2





#65

n-Nitrosodiphenylamine

Concen: 39.62 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 950375

Ion Ratio Lower Upper

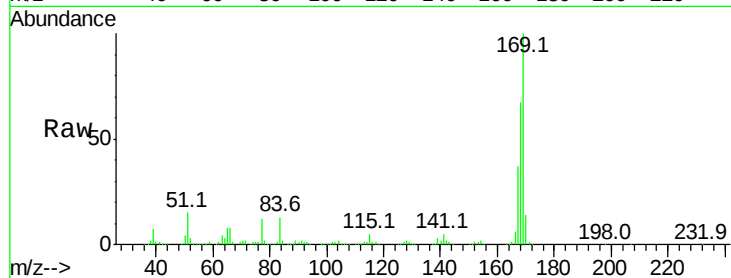
169 100

168 67.3 54.8 82.2

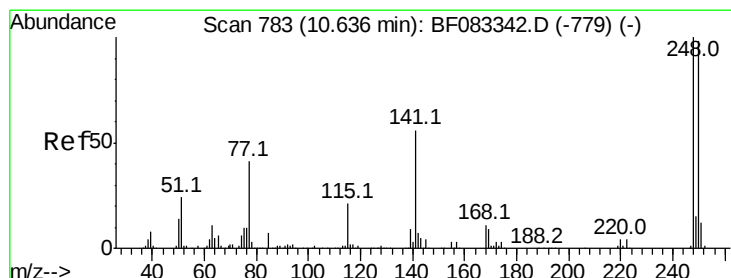
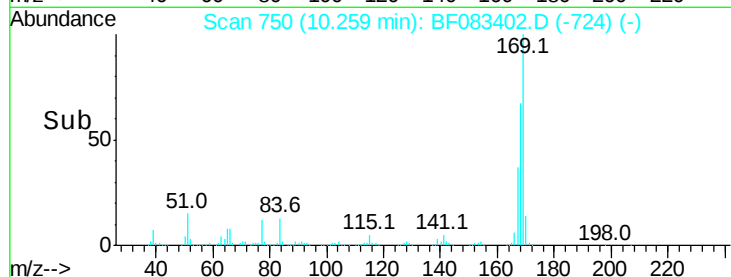
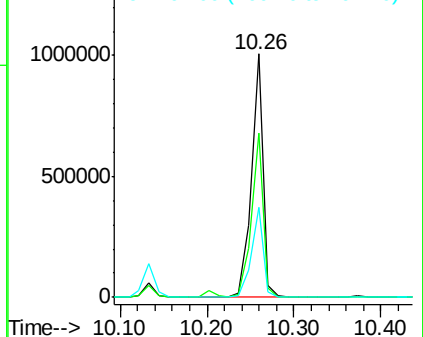
167 37.2 30.2 45.2

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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: 39.44 ng

RT: 10.64 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

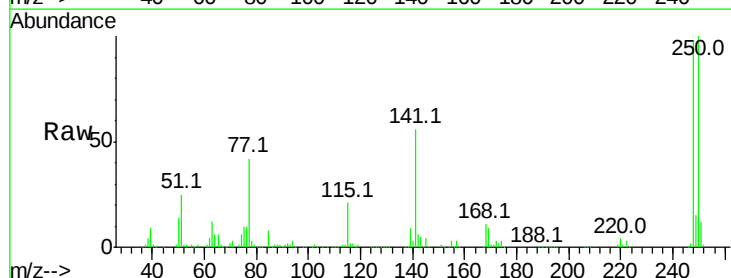
Tgt Ion:248 Resp: 294478

Ion Ratio Lower Upper

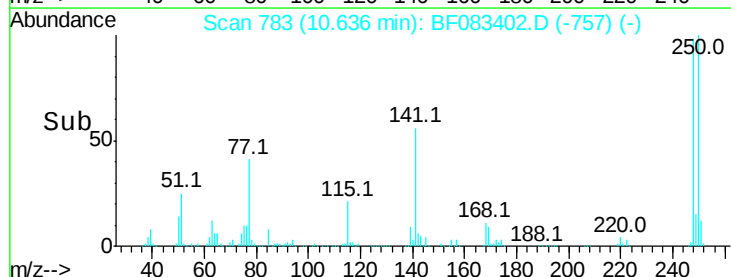
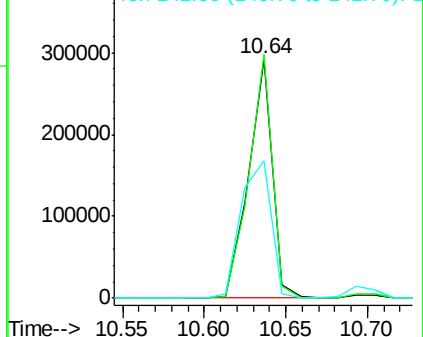
248 100

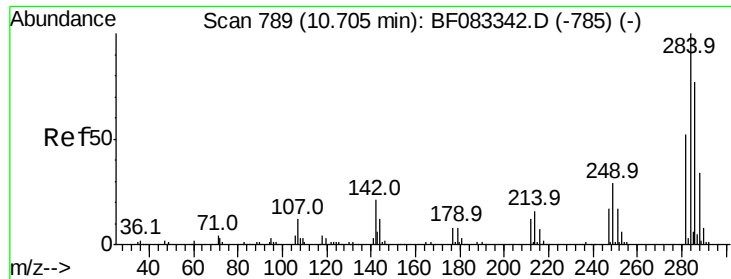
250 102.0 78.6 118.0

141 57.5 44.4 66.6



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





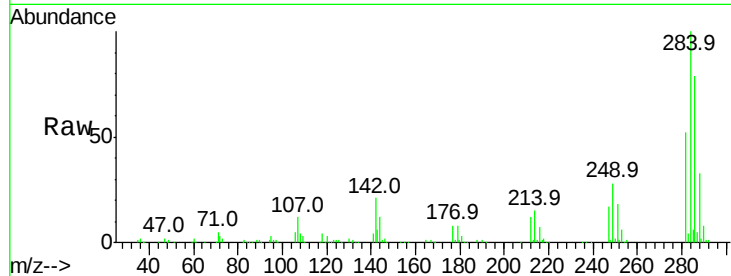
#67
Hexachlorobenzene
Concen: 39.22 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

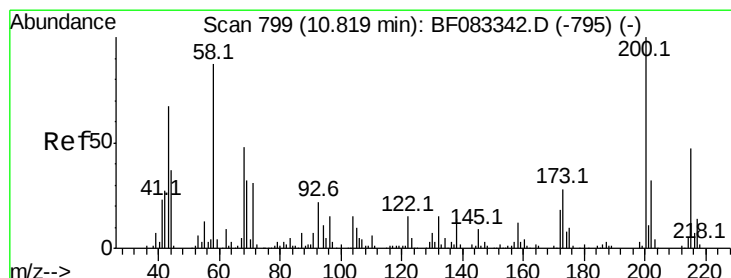
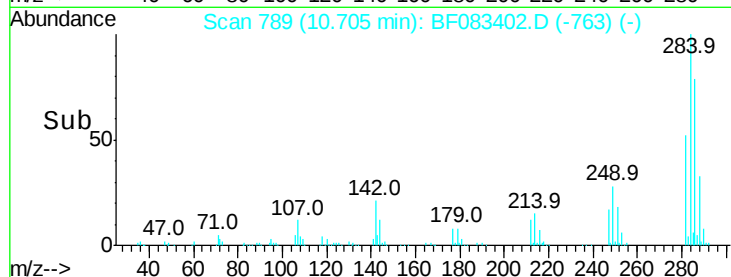
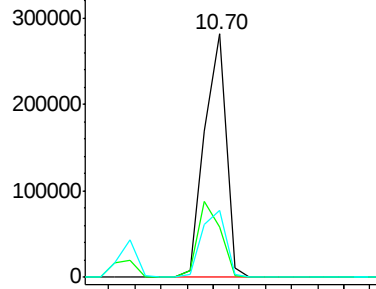
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	20.8	16.6	24.8	
249	27.6	23.0	34.4	

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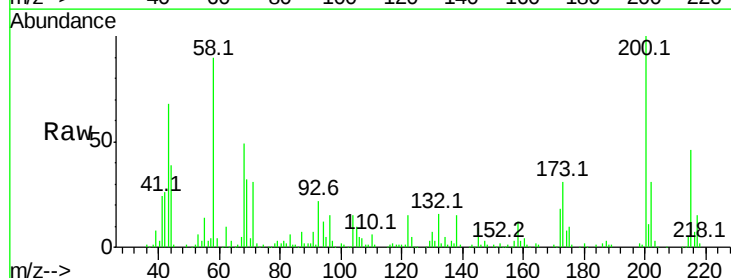


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

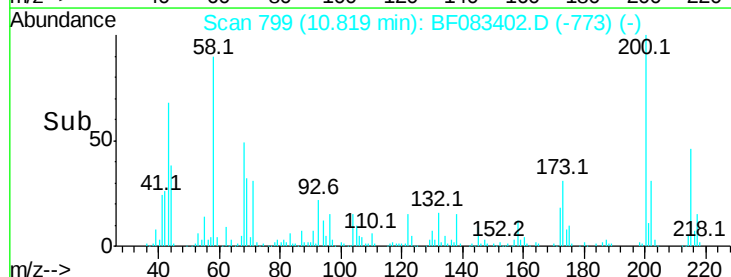
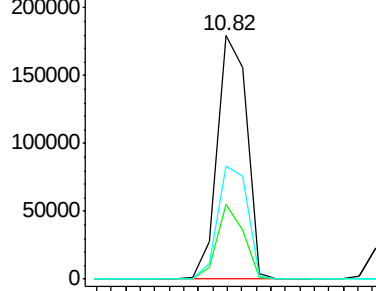


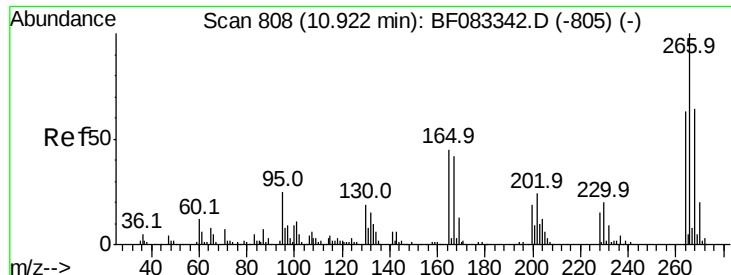
#68
Atrazine
Concen: 38.11 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.6	8.3	48.3	
215	46.3	26.7	66.7	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





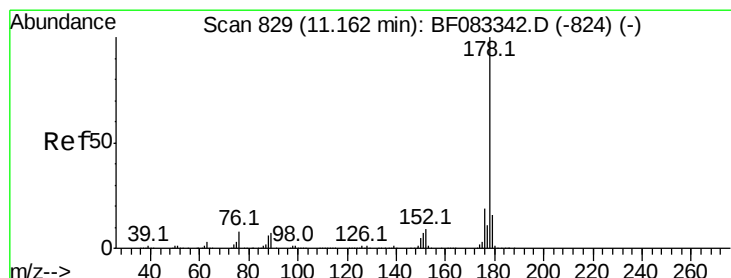
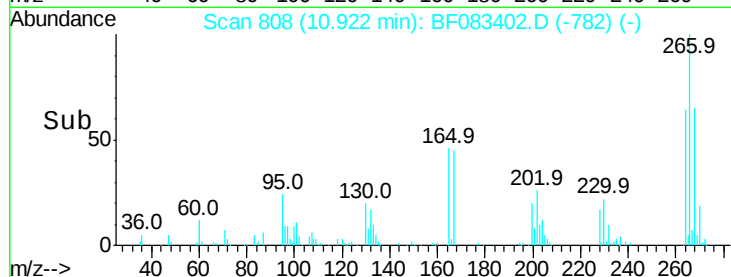
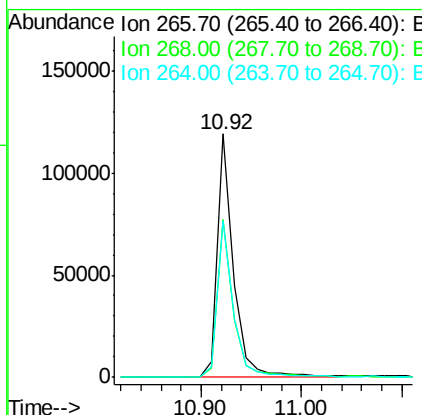
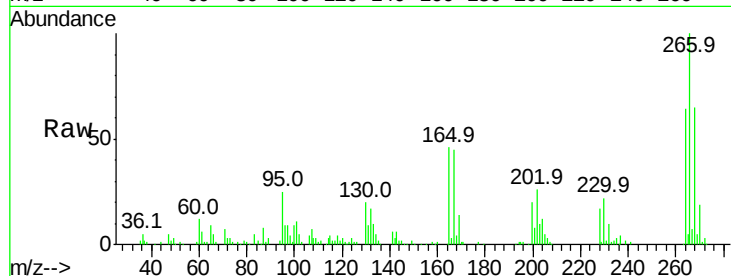
#69
 Pentachlorophenol
 Concen: 30.95 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	133830		
268	64.8	51.5	77.3	
264	64.2	50.4	75.6	

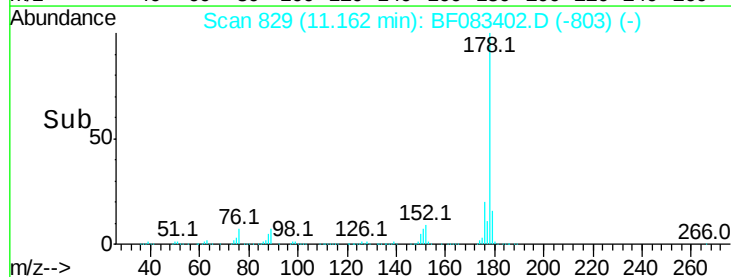
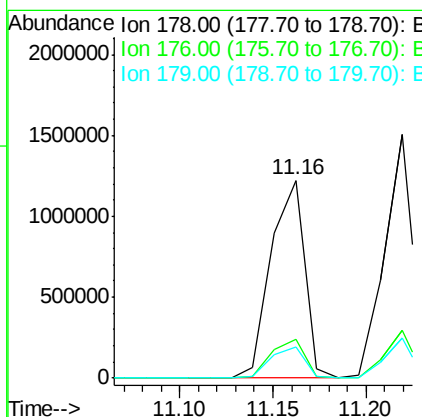
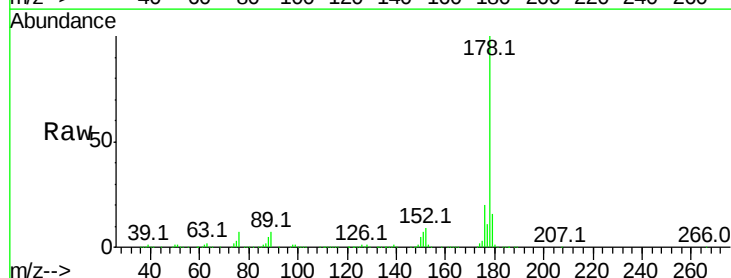
Manual Integrations
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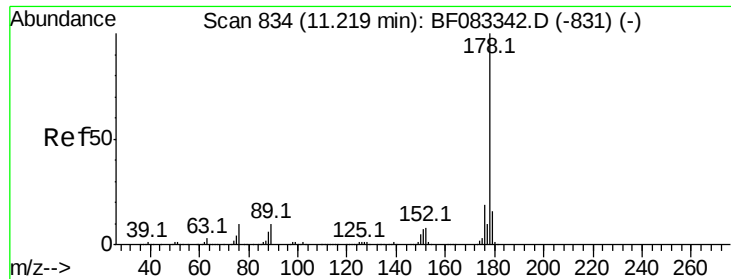
Mmdadoda
 12/2/2015 6:13:02 PM



#70
 Phenanthrene
 Concen: 38.26 ng
 RT: 11.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1545438		
176	19.6	15.3	22.9	
179	15.7	12.4	18.6	





#71
 Anthracene
 Concen: 38.95 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

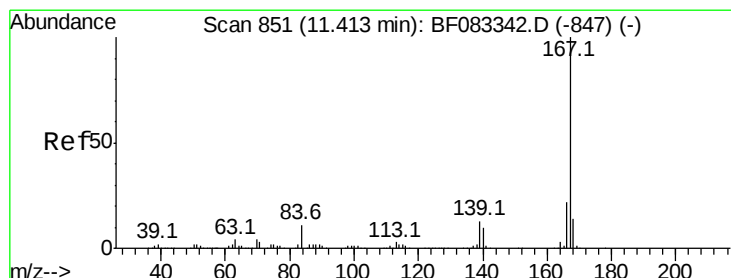
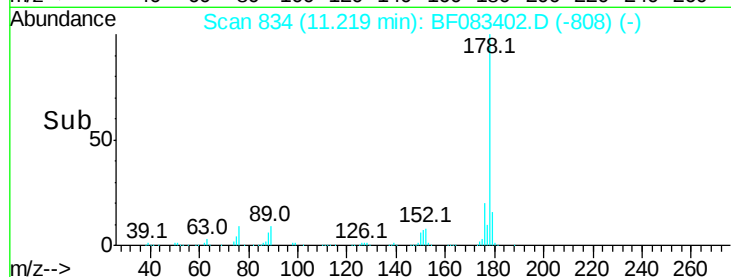
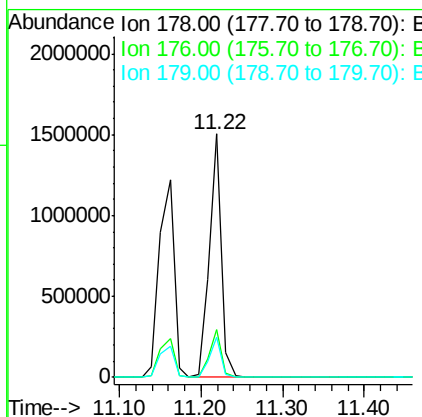
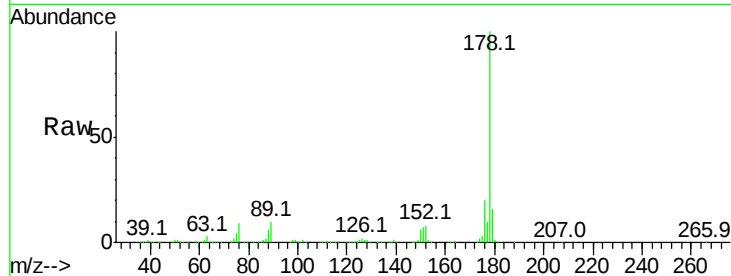
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1583668

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.3	12.8	19.2

Manual Integrations
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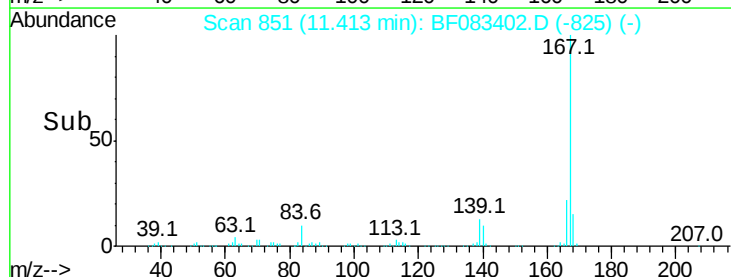
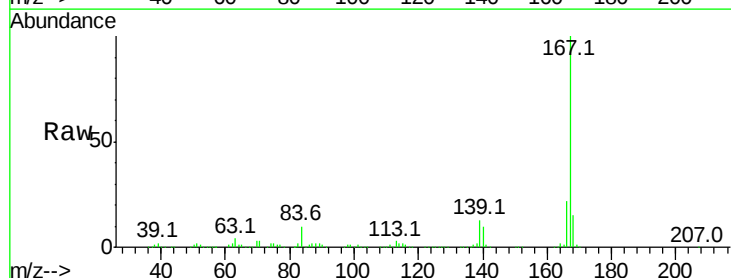
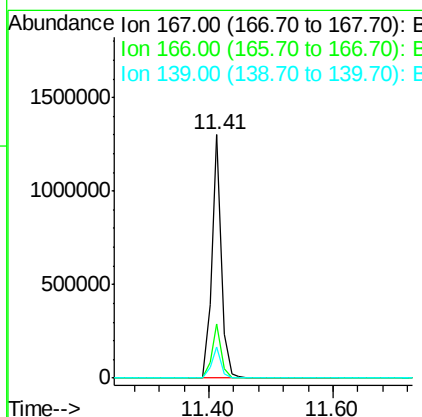
Mmdadoda
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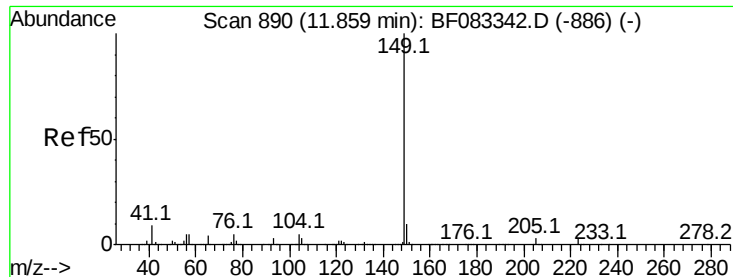


#72
 Carbazole
 Concen: 37.20 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion:167 Resp: 1358962

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	12.9	10.5	15.7





#73

Di-n-butylphthalate

Concen: 40.49 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1753071

Ion Ratio Lower Upper

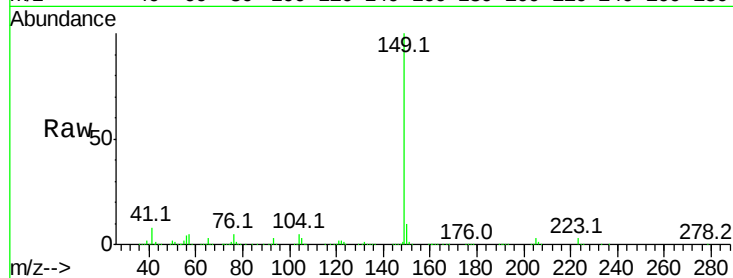
149 100

150 9.8 7.7 11.5

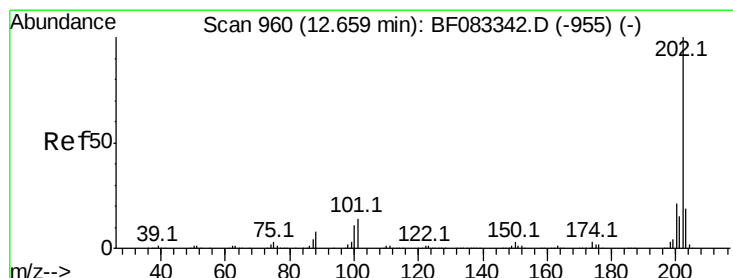
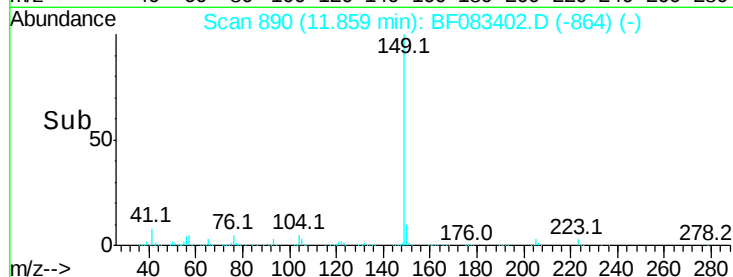
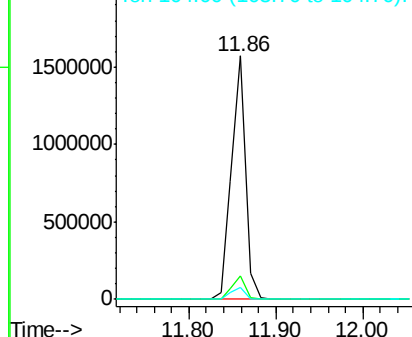
104 4.9 4.0 6.0

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12/2/2015 6:13:02 PM



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



#74

Fluoranthene

Concen: 36.66 ng

RT: 12.66 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

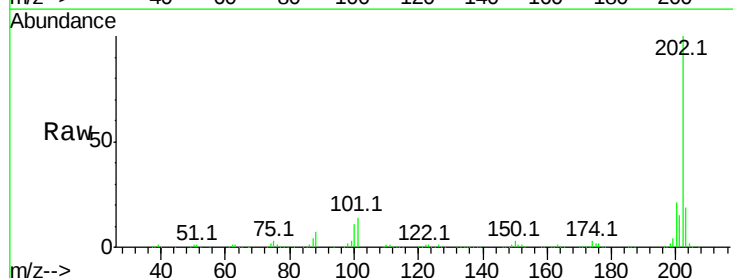
Tgt Ion:202 Resp: 1534896

Ion Ratio Lower Upper

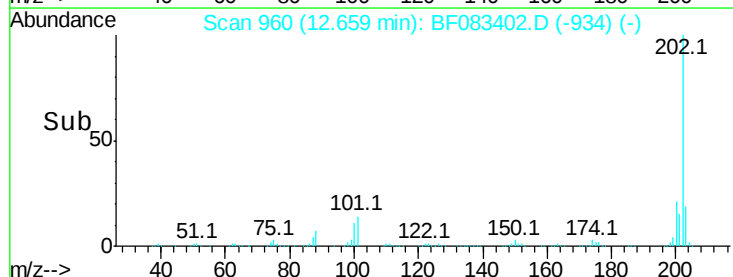
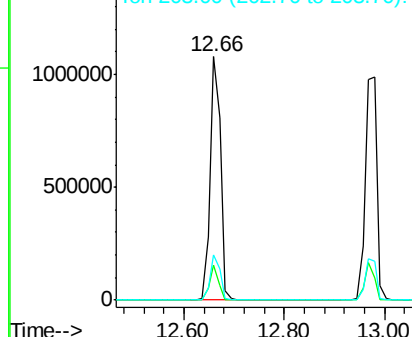
202 100

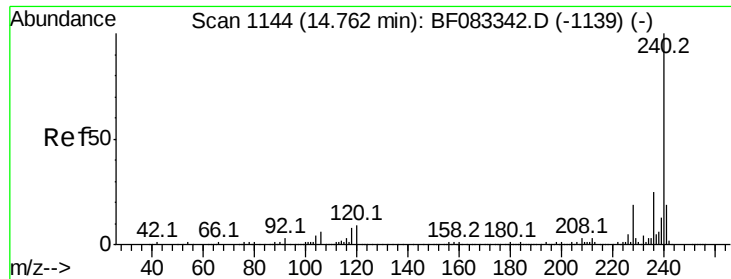
101 14.3 0.0 34.5

203 18.7 0.0 38.7



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





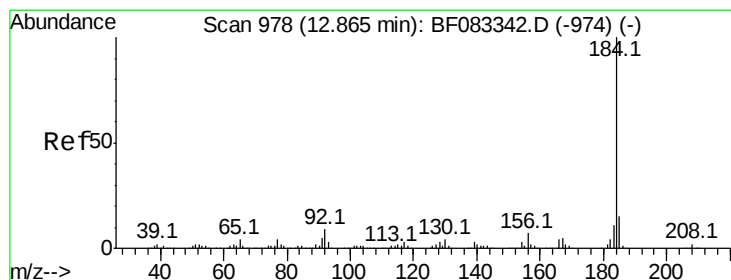
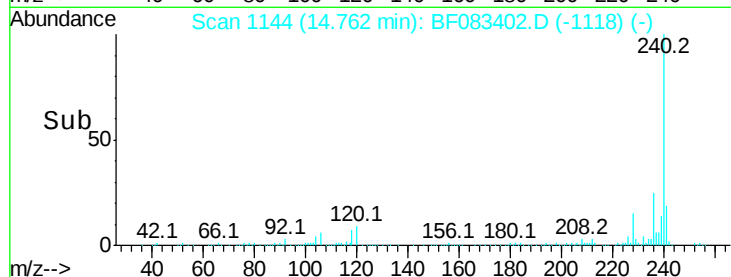
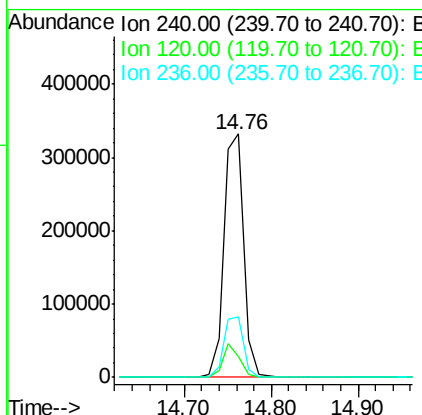
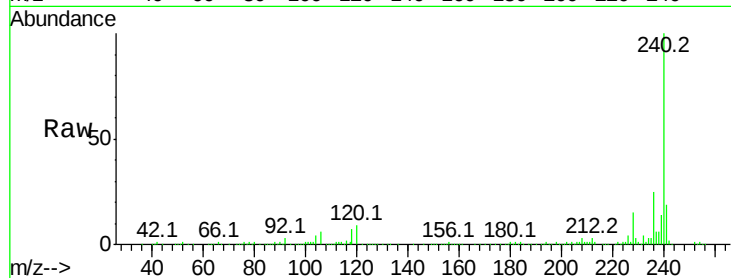
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.76 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	522568		
120	8.6		6.9	10.3
236	24.9		19.8	29.6

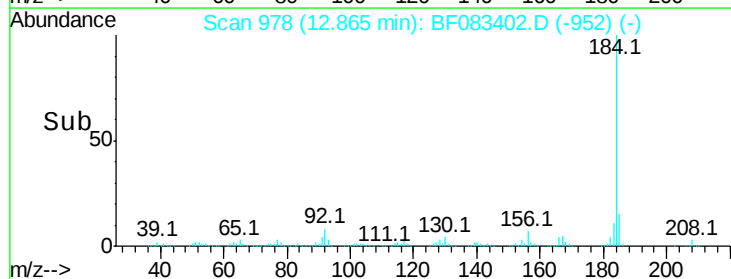
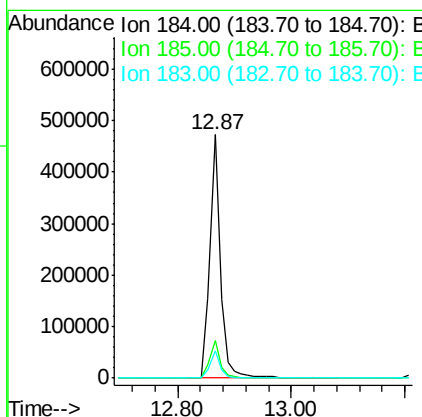
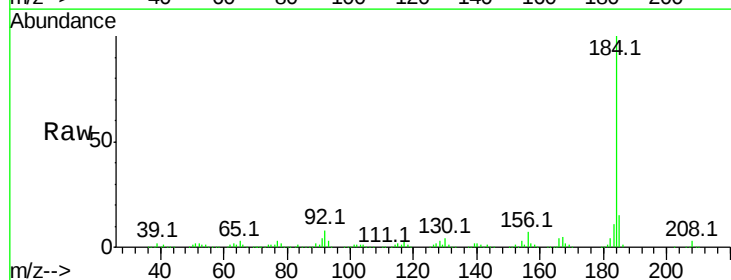
Manual Integrations
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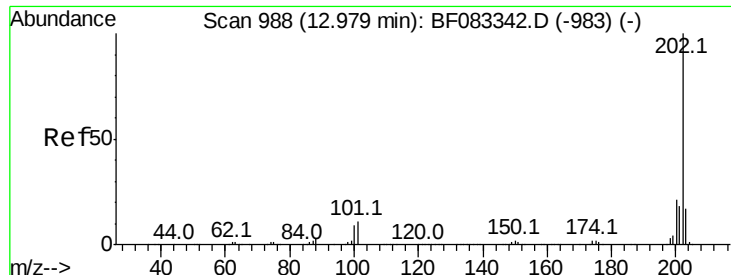
Mmdadoda
12/2/2015 6:13:02 PM



#76
Benzidine
Concen: 38.08 ng
RT: 12.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	592743		
185	15.3		12.4	18.6
183	11.2		9.0	13.4





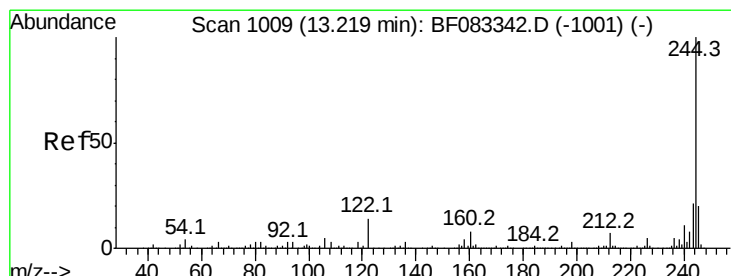
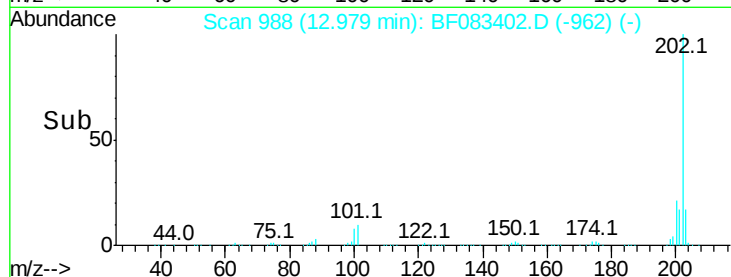
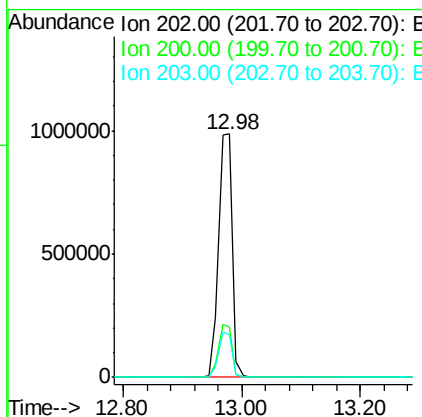
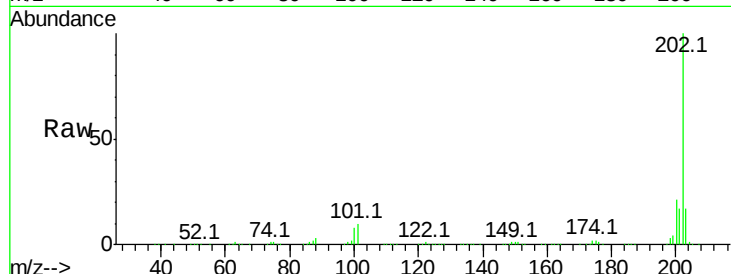
#77
 Pvrene
 Concen: 43.21 ng
 RT: 12.98 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.4	13.9	20.9

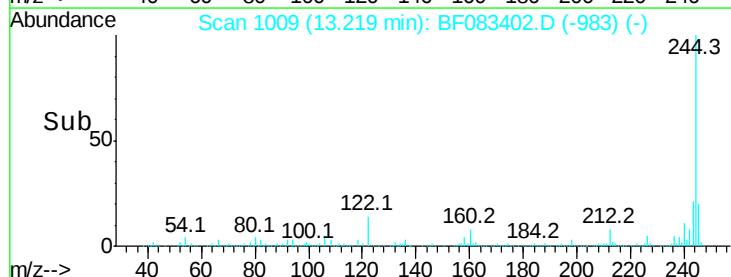
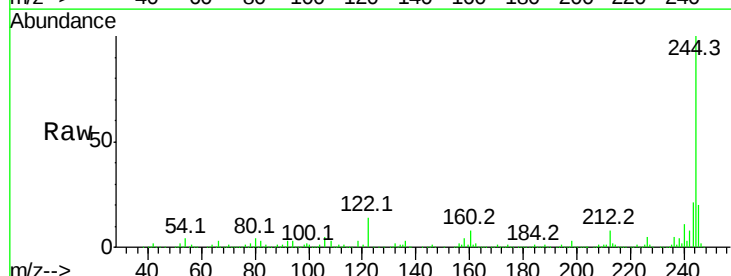
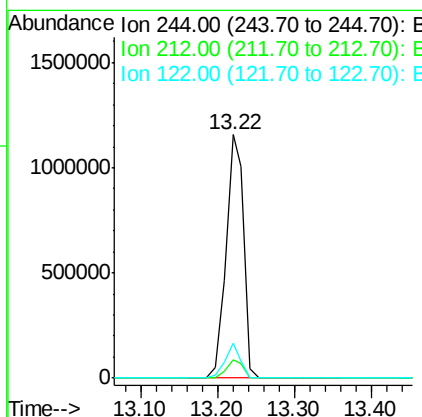
Manual Integrations
 APPROVED

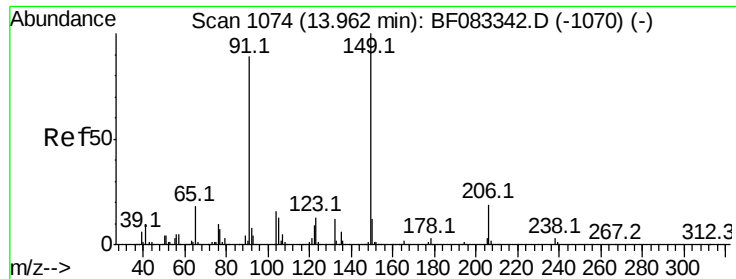
Mmdadoda
 12/2/2015 6:13:02 PM



#78
 Terphenyl-d14
 Concen: 85.62 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	14.2	11.0	16.4





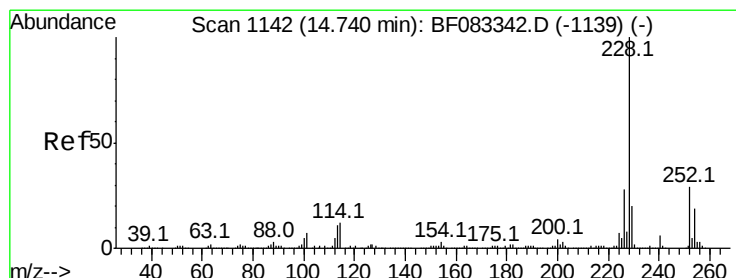
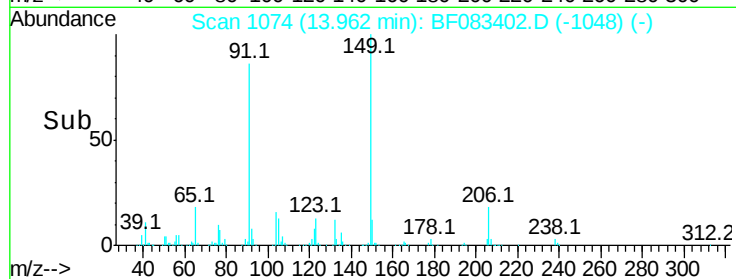
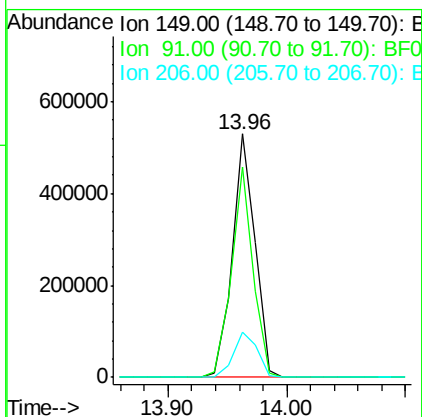
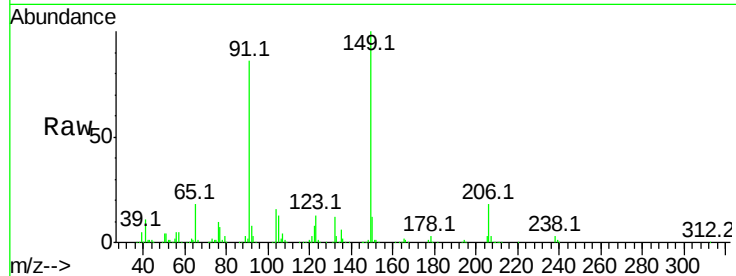
#79
Butylbenzylphthalate
Concen: 45.46 ng
RT: 13.96 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	86.2	71.4	107.2
206	18.5	15.1	22.7

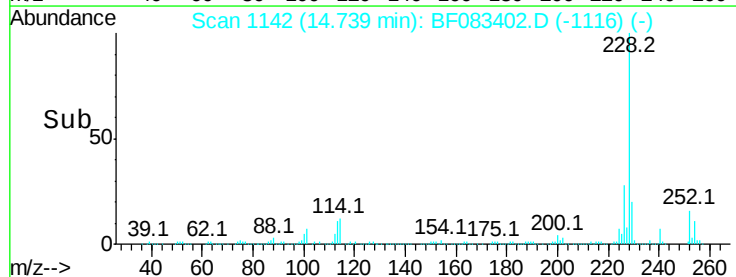
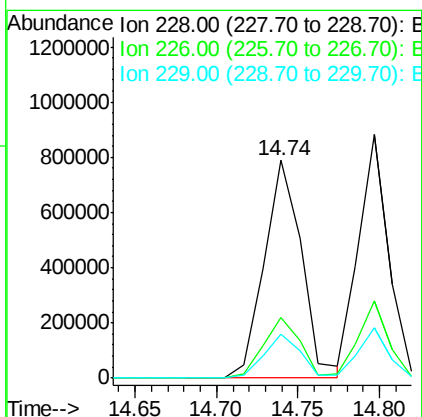
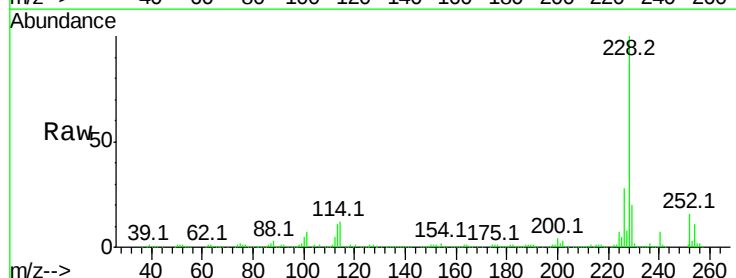
Manual Integrations
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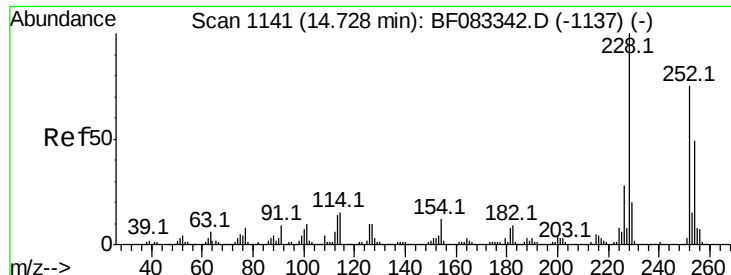
Mmdadoda
12/2/2015 6:13:02 PM



#80
Benzo(a)anthracene
Concen: 39.40 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.4
229	20.1	16.1	24.1





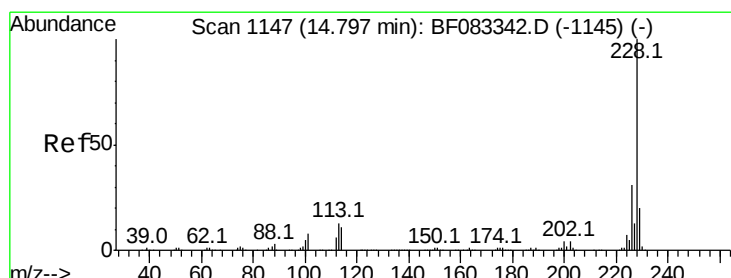
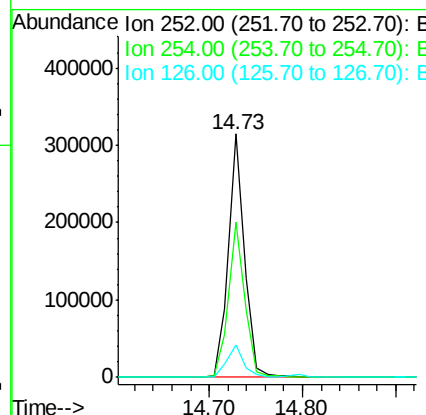
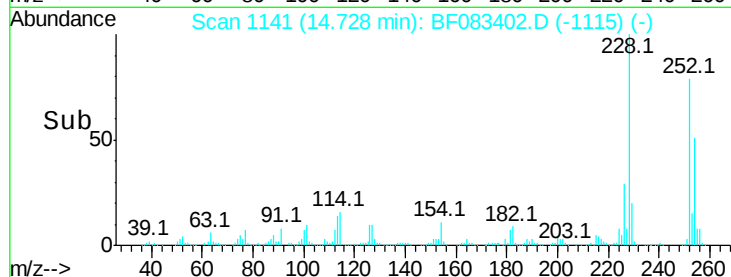
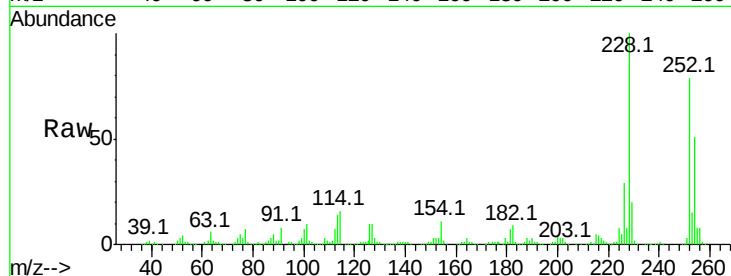
#81
 3,3'-Dichlorobenzidine
 Concen: 38.23 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	382332		
254	63.9	52.0	78.0	
126	13.2	10.7	16.1	

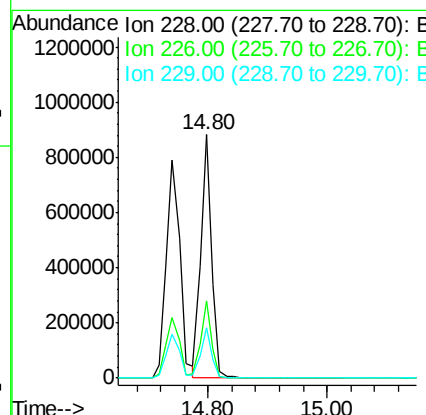
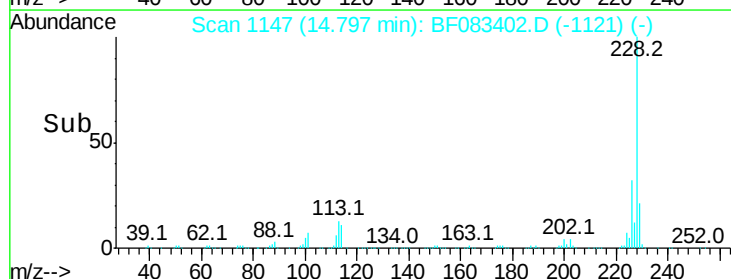
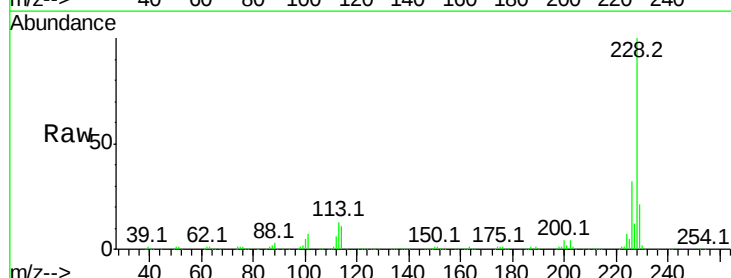
Manual Integrations
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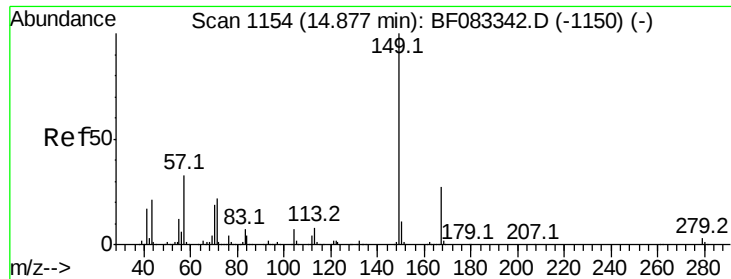
Mmdadoda
 12/2/2015 6:13:02 PM



#82
 Chrysene
 Concen: 37.15 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1149009		
226	31.9	24.6	37.0	
229	20.6	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.33 ng

RT: 14.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1003689

Ion Ratio Lower Upper

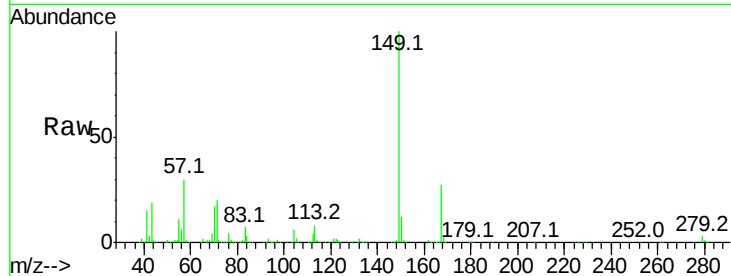
149 100

167 26.8 21.5 32.3

279 3.4 2.6 3.8

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

14.88

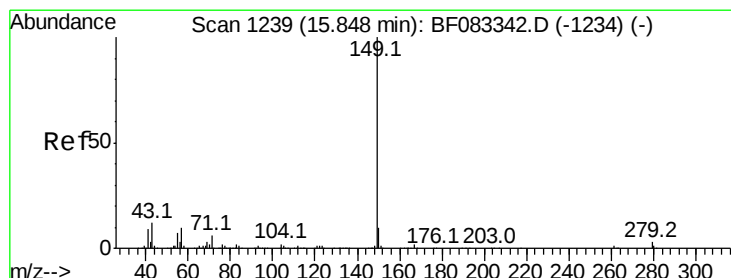
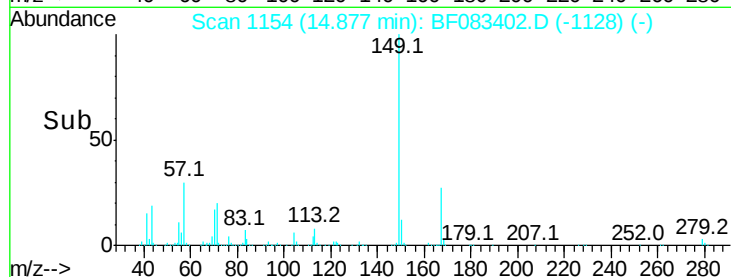
600000

400000

200000

0

Time-->



#84

Di-n-octyl phthalate

Concen: 50.40 ng

RT: 15.85 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

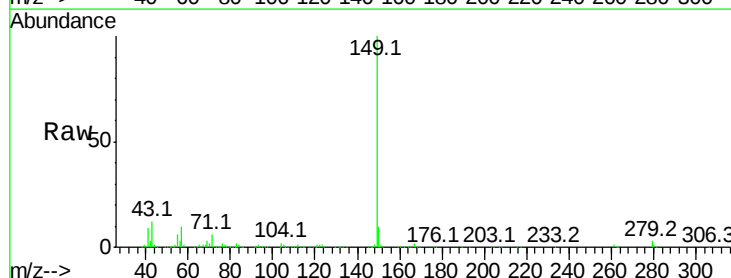
Tgt Ion:149 Resp: 1558755

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 14.0 11.0 16.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

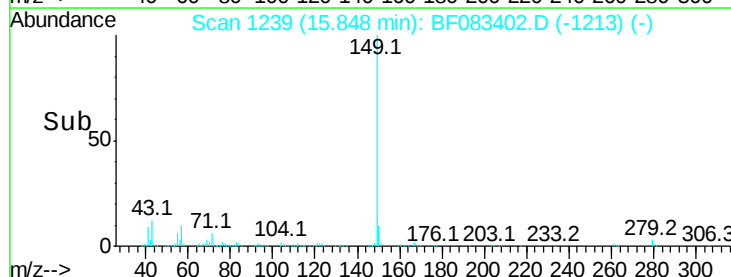
15.85

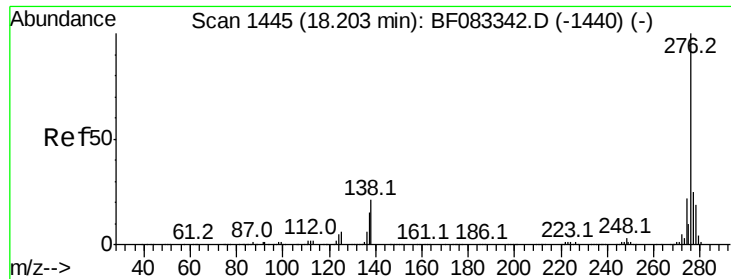
1000000

500000

0

Time-->





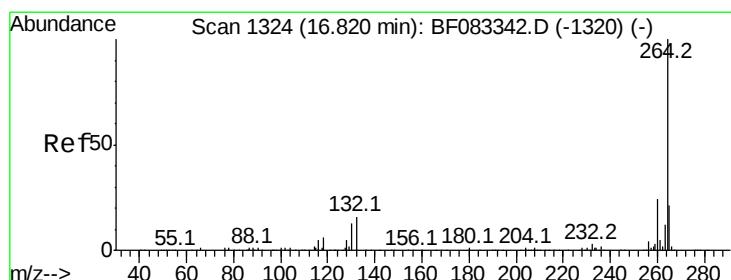
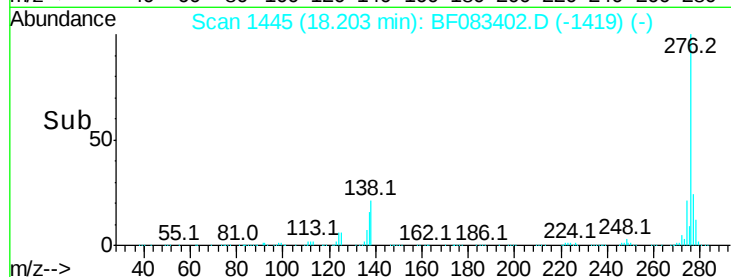
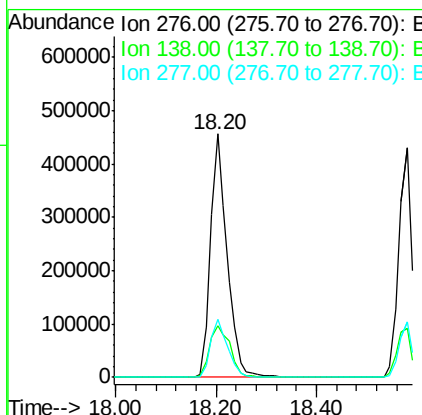
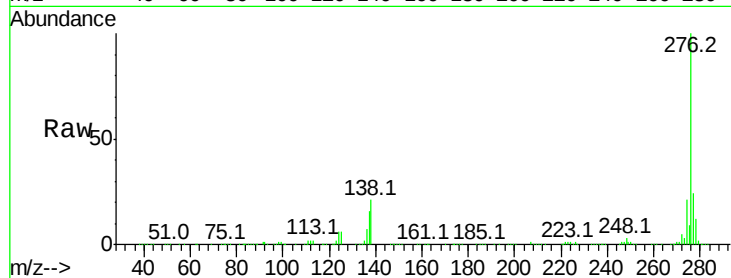
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.50 ng
 RT: 18.20 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.2	31.8
277	24.8	20.0	30.0

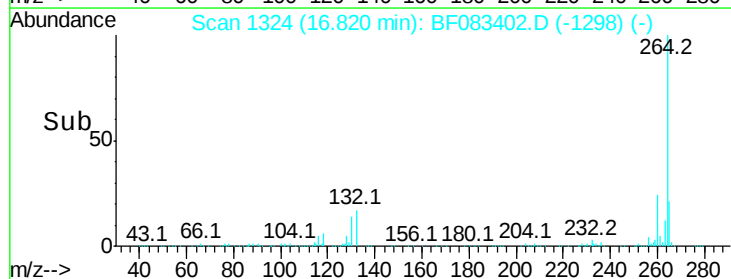
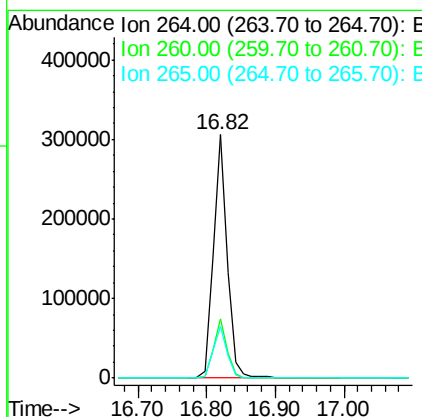
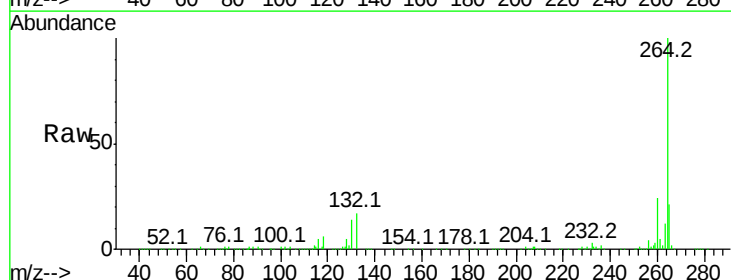
Manual Integrations
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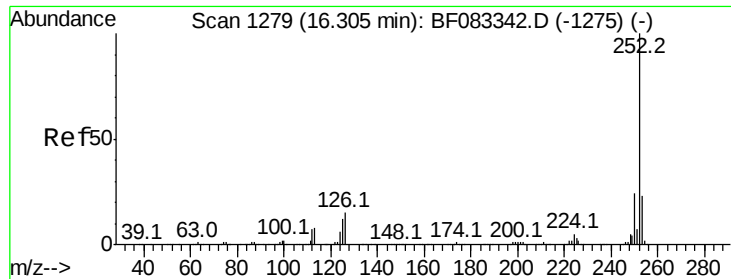
Mmdadoda
 12/2/2015 6:13:02 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	21.4	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 37.70 ng

RT: 16.31 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1049544

Ion Ratio Lower Upper

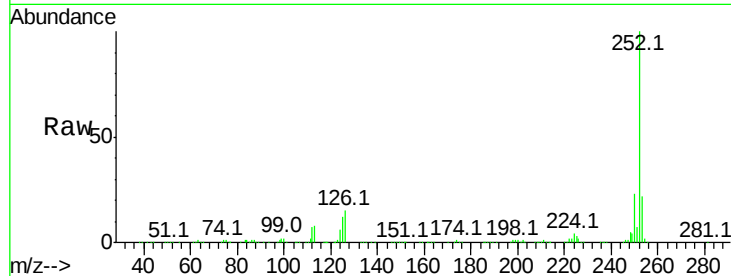
252 100

253 22.4 18.4 27.6

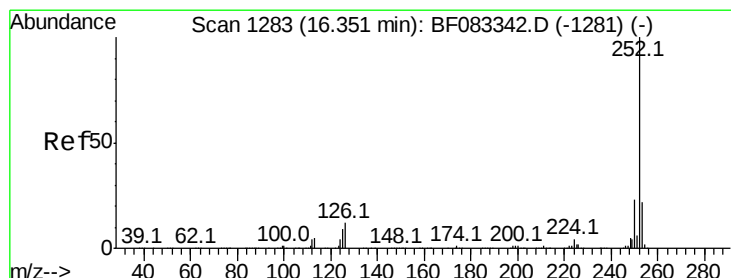
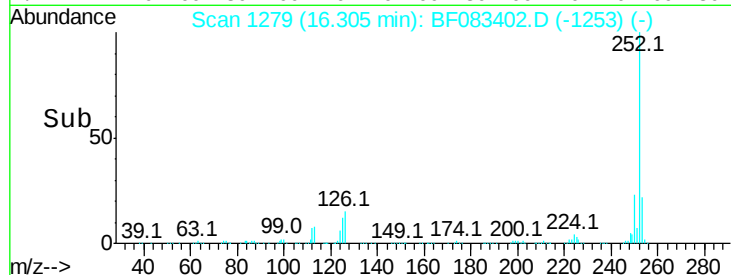
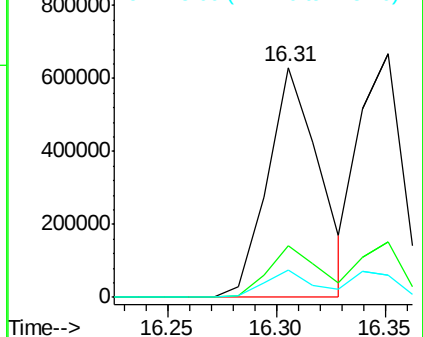
125 11.8 9.6 14.4

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.80 ng

RT: 16.35 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

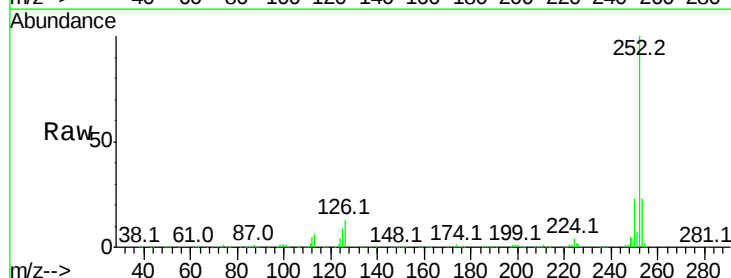
Tgt Ion:252 Resp: 941063

Ion Ratio Lower Upper

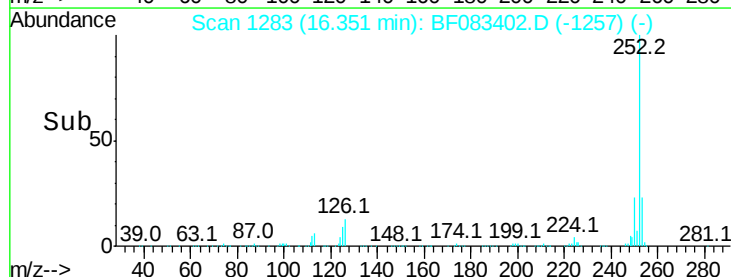
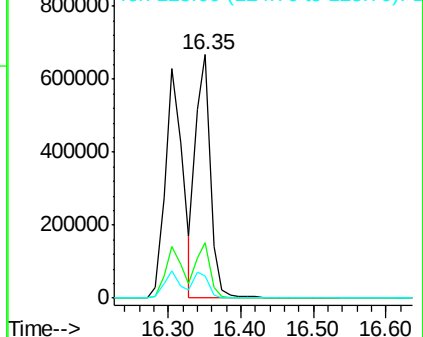
252 100

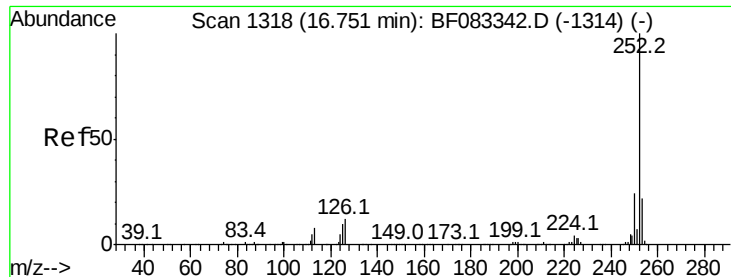
253 22.6 17.4 26.0

125 9.1 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.61 ng

RT: 16.75 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

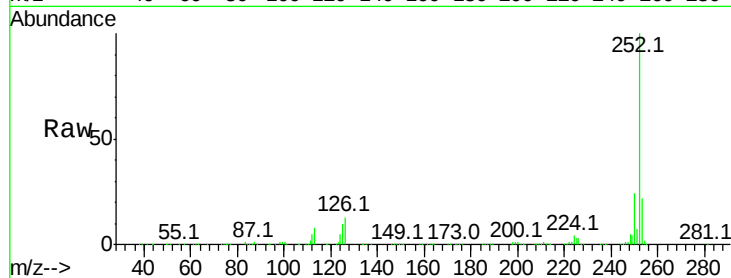
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	923086
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	9.9	7.8	11.8

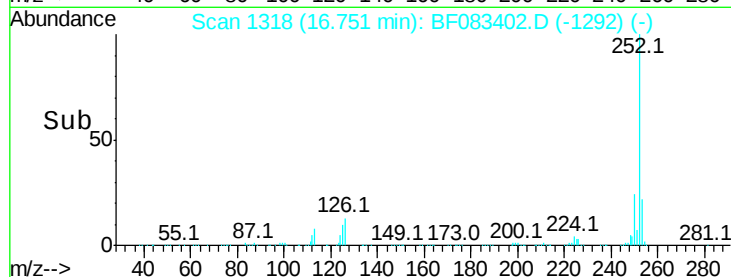
Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM

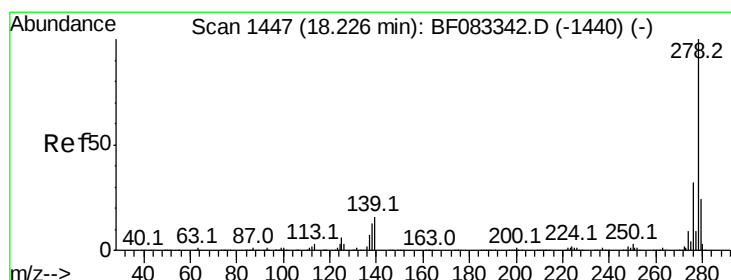


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

16.75



Time--> 16.60 16.80 17.00



#90

Dibenzo(a,h)anthracene

Concen: 42.18 ng

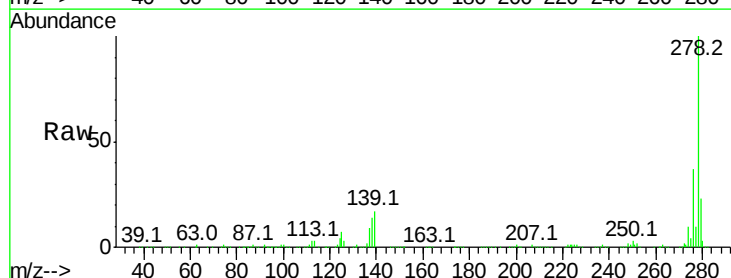
RT: 18.23 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF083402.D

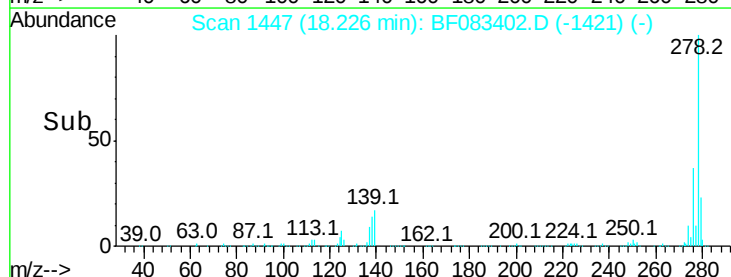
Acq: 2 Dec 2015 6:08

Tgt Ion:	278	Resp:	878712
Ion Ratio	Lower	Upper	
278	100		
139	16.6	13.1	19.7
279	23.4	19.2	28.8

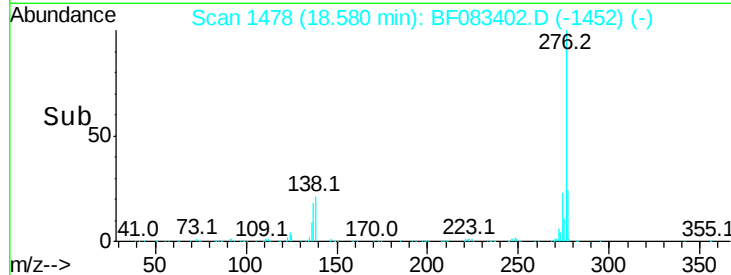
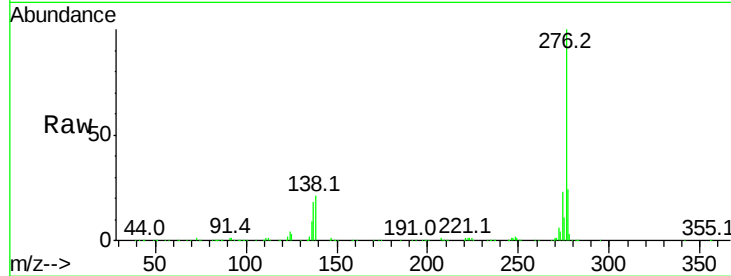
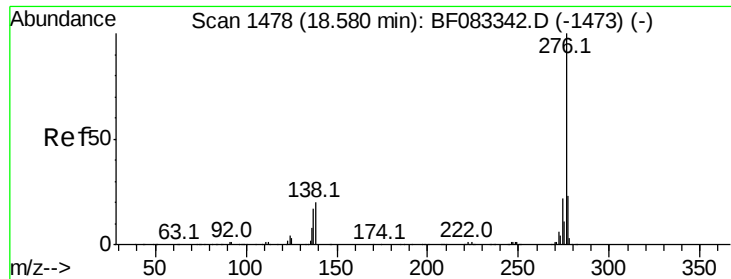


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

18.23



Time--> 18.00 18.20 18.40



#91

Benzo(a,h,i)perylene

Concen: 40.20 ng

RT: 18.58 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Tot Ion:	276	Resp:	822027
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.6	28.0
138	21.5	16.1	24.1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Mmdadoda
12/2/2015 6:13:02 PM

