

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083504.D
 Acq On : 5 Dec 2015 2:24
 Operator : UM/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:45 PM

Quant Time: Dec 05 03:58:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 03:24:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	136626	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	534097	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	247103	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	468681	20.00	ng	0.01
75) Chrysene-d12	17.05	240	322549	20.00	ng	0.00
86) Perylene-d12	18.68	264	277916	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.03	112	1395193	153.14	ng	0.00
7) Phenol-d6	5.33	99	1874850	150.42	ng	0.01
23) Nitrobenzene-d5	6.61	82	1757919	145.01	ng	0.01
41) 2,4,6-Tribromophenol	11.76	330	372184	150.88	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	2731714	155.40	ng	0.00
78) Terphenyl-d14	15.49	244	2333678	168.49	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	350167	71.29	ng	99
3) Pyridine	2.30	79	946119	75.96	ng	99
4) n-Nitrosodimethylamine	2.28	42	470055	78.34	ng	97
6) Aniline	5.33	93	1239063	72.64	ng	90
8) 2-Chlorophenol	5.49	128	763646	76.22	ng	95
9) Benzaldehyde	5.16	77	480499	74.51	ng	99
10) Phenol	5.36	94	1144367	76.73	ng	# 76
11) bis(2-Chloroethyl)ether	5.44	93	812429	74.23	ng	97
12) 1,3-Dichlorobenzene	5.69	146	838423	75.02	ng	96
13) 1,4-Dichlorobenzene	5.80	146	866535	75.40	ng	95
14) 1,2-Dichlorobenzene	6.02	146	769226	72.22	ng	97
15) Benzyl Alcohol	6.02	79	681176	71.66	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	1502628	78.12	ng	96
17) 2-Methylphenol	6.20	107	629532	75.19	ng	96
18) Hexachloroethane	6.50	117	312309	77.73	ng	93
19) n-Nitroso-di-n-propylamine	6.42	70	638142	72.63	ng	95
20) 3+4-Methylphenols	6.44	107	833899	73.71	ng	95
22) Acetophenone	6.40	105	1192815	75.03	ng	98
24) Nitrobenzene	6.64	77	928189	71.61	ng	98
25) Isophorone	7.01	82	1717637	73.49	ng	98
26) 2-Nitrophenol	7.12	139	411726	77.55	ng	91
27) 2,4-Dimethylphenol	7.23	122	680883	76.98	ng	97
28) bis(2-Chloroethoxy)methane	7.37	93	963885	72.09	ng	98
29) 2,4-Dichlorophenol	7.50	162	622671	72.93	ng	97
30) 1,2,4-Trichlorobenzene	7.61	180	682529	73.64	ng	98
31) Naphthalene	7.71	128	2113037	72.54	ng	98
32) Benzoic acid	7.56	122	436559	72.96	ng	97
33) 4-Chloroaniline	7.84	127	842576	68.64	ng	97
34) Hexachlorobutadiene	7.93	225	400091	75.48	ng	97
35) Caprolactam	8.48	113	202615m	75.95	ng	
36) 4-Chloro-3-methylphenol	8.68	107	706356	74.06	ng	92
37) 2-Methylnaphthalene	8.81	142	1314265	68.48	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	634523	79.98	ng	# 100
40) Hexachlorocyclopentadiene	9.07	237	264669	75.21	ng	99

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Manual Integrations
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Quant Time: Dec 05 03:58:59 2015
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 QLast Update : Sat Dec 05 03:24:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	421727	77.25	nq	95
43) 2,4,5-Trichlorophenol	9.37	196	428255	76.28	nq #	90
45) 1,1'-Biphenyl	9.57	154	1606864	73.69	nq	97
46) 2-Chloronaphthalene	9.58	162	1286870	77.40	nq	94
47) 2-Nitroaniline	9.79	65	479750	74.63	nq	95
48) Acenaphthylene	10.25	152	2114404	79.38	nq	99
49) Dimethylphthalate	10.13	163	1541610	76.03	nq	99
50) 2,6-Dinitrotoluene	10.21	165	342400	80.07	nq #	75
51) Acenaphthene	10.52	154	1214806	77.90	nq	99
52) 3-Nitroaniline	10.48	138	379745	77.56	nq	80
53) 2,4-Dinitrophenol	10.66	184	175327	80.38	nq #	84
54) Dibenzofuran	10.81	168	1639817	72.02	nq	95
55) 4-Nitrophenol	10.82	139	224381m	74.10	nq	
56) 2,4-Dinitrotoluene	10.86	165	461112	84.39	nq #	75
57) Fluorene	11.36	166	1446963	79.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	315737	70.08	nq #	100
59) Diethylphthalate	11.26	149	1469894	76.53	nq	99
60) 4-Chlorophenyl-phenylether	11.39	204	693540	82.98	nq	95
61) 4-Nitroaniline	11.48	138	342692	70.51	nq	92
62) Azobenzene	11.64	77	1697142	75.13	nq	96
64) 4,6-Dinitro-2-methylphenol	11.53	198	260116	84.01	nq #	78
65) n-Nitrosodiphenylamine	11.61	169	1187790	72.68	nq	98
66) 4-Bromophenyl-phenylether	12.18	248	401218	78.04	nq	92
67) Hexachlorobenzene	12.25	284	419535	74.27	nq	94
68) Atrazine	12.51	200	373742	80.34	nq	99
69) Pentachlorophenol	12.59	266	199582	69.75	nq	97
70) Phenanthrene	12.90	178	2002441	72.09	nq	98
71) Anthracene	12.99	178	2086366	74.35	nq	99
72) Carbazole	13.28	167	1797169	71.66	nq #	98
73) Di-n-butylphthalate	13.92	149	2235778	74.76	nq	100
74) Fluoranthene	14.82	202	2021081	70.35	nq	97
76) Benzidine	15.09	184	920455	92.17	nq	96
77) Pyrene	15.19	202	2013874	87.70	nq	98
79) Butylbenzylphthalate	16.32	149	833918	85.74	nq	87
80) Benzo(a)anthracene	17.04	228	1447552	73.24	nq	98
81) 3,3'-Dichlorobenzidine	17.04	252	483782	77.93	nq	97
82) Chrysene	17.08	228	1484744	77.14	nq	99
83) Bis(2-ethylhexyl)phthalate	17.16	149	1092201	84.11	nq	100
84) Di-n-octyl phthalate	17.93	149	1584282	83.45	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.93	276	1455371	101.47	nq #	100
87) Benzo(b)fluoranthene	18.29	252	1438725m	81.56	nq	
88) Benzo(k)fluoranthene	18.33	252	966699m	57.35	nq	
89) Benzo(a)pyrene	18.63	252	1199287	77.93	nq #	95
90) Dibenzo(a,h)anthracene	19.94	278	1224219	89.25	nq	98
91) Benzo(g,h,i)perylene	20.28	276	1267158	93.45	nq	99

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

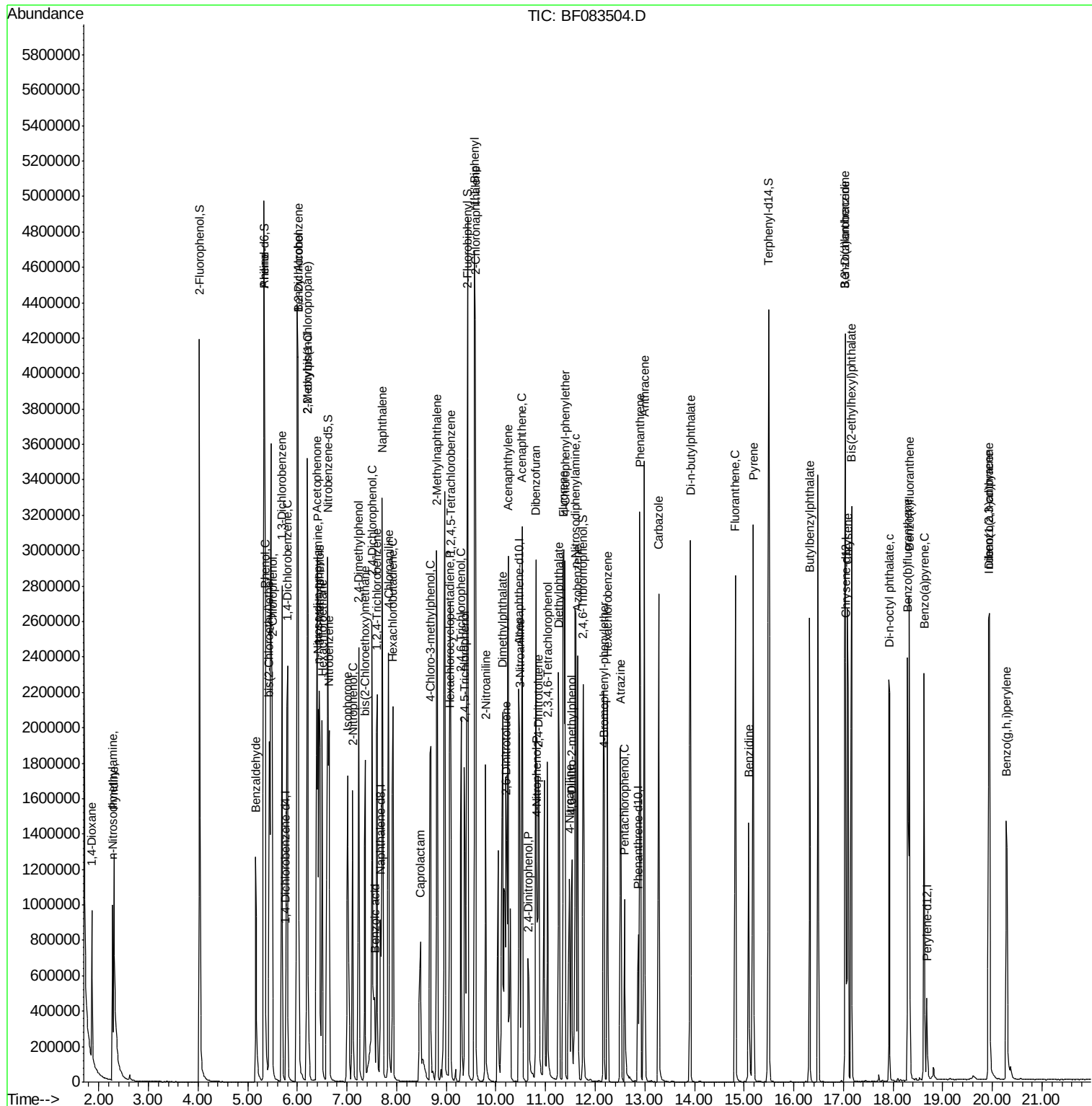
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
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Acq On    : 5 Dec 2015    2:24
Operator  : UM/IZ
Sample    : SSTDICC080
Misc      :
ALS Vial  : 9    Sample Multiplier: 1
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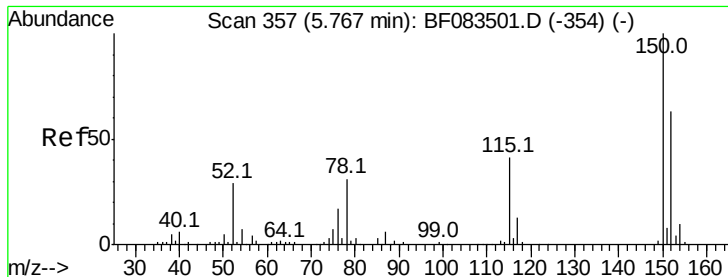
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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#1

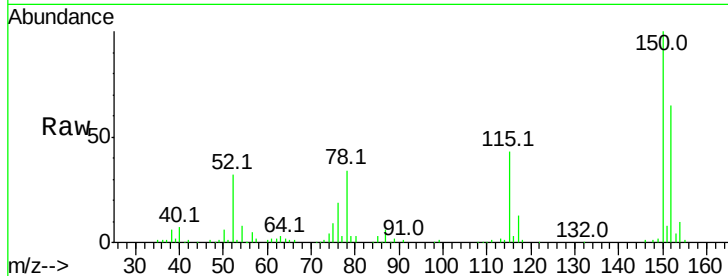
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. -0.00 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.5	189.7
115	66.3	52.3	78.5

Manual Integrations
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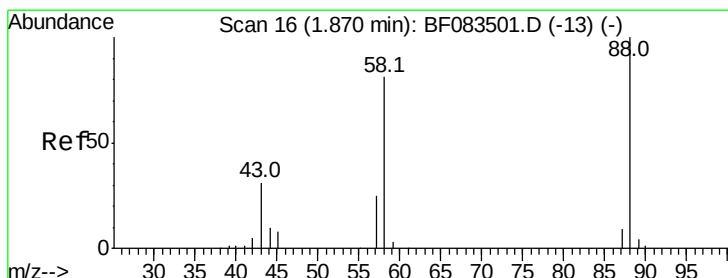
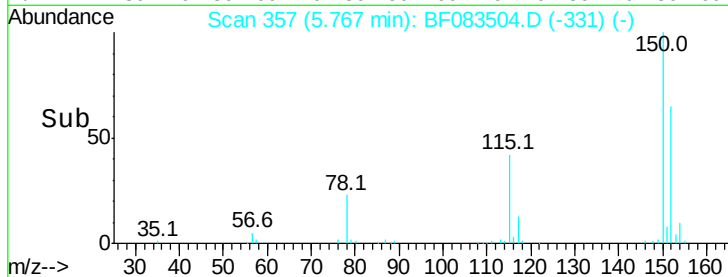
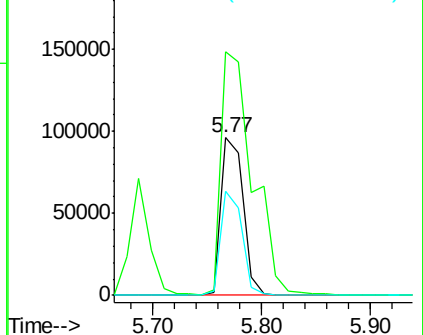


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

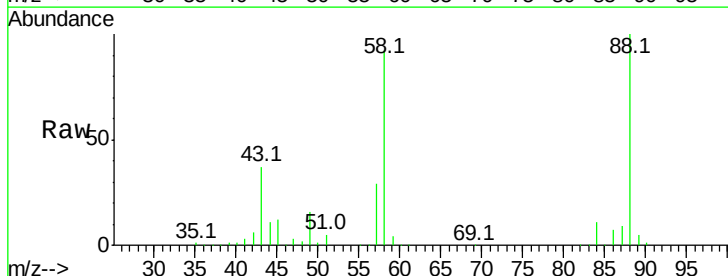
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 71.29 ng
RT: 1.86 min Scan# 15
Delta R.T. -0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.5	68.0	102.0
43	34.0	27.9	41.9

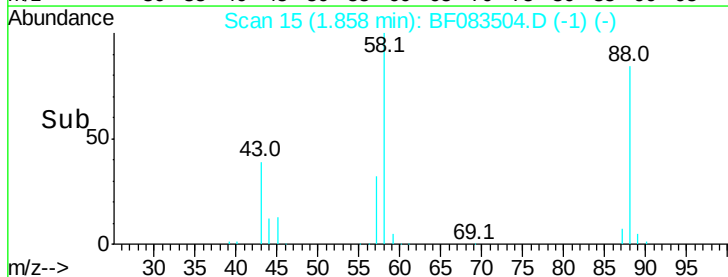
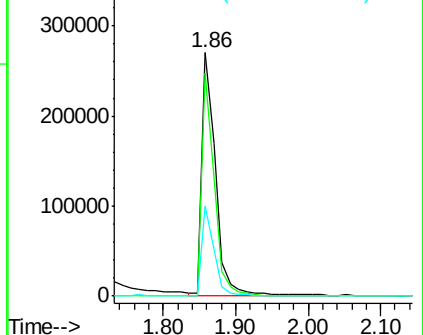


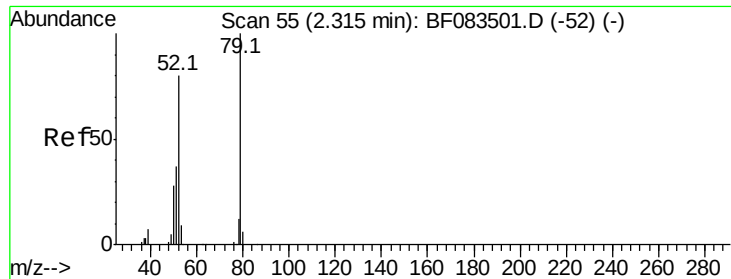
Abundance

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





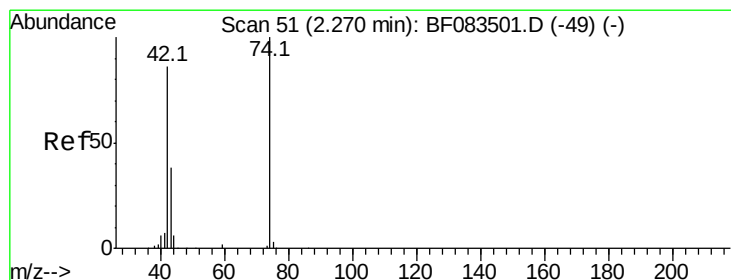
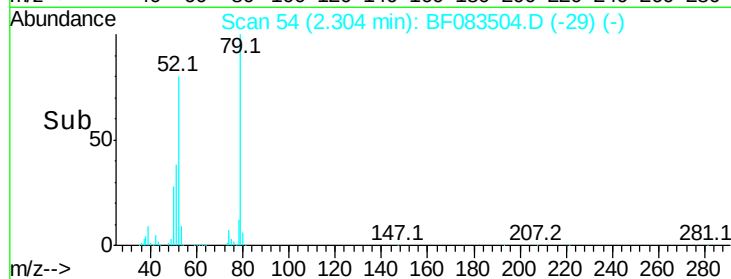
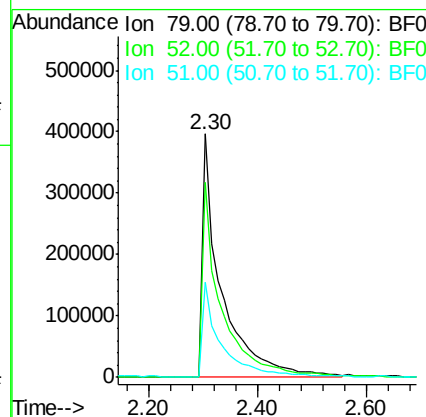
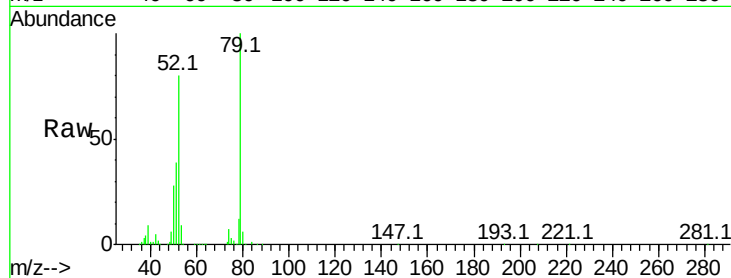
#3
 Pvridine
 Concen: 75.96 ng
 RT: 2.30 min Scan# 54
 Delta R.T. -0.01 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.2	63.7	95.5
51	39.2	30.6	45.8

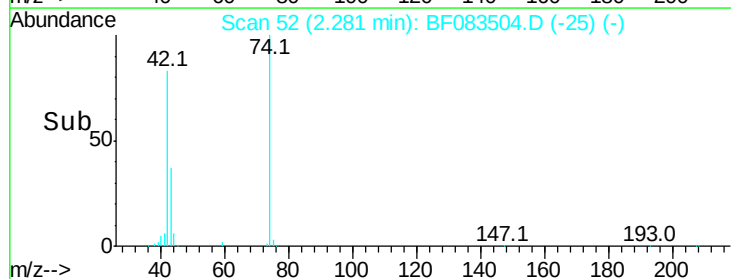
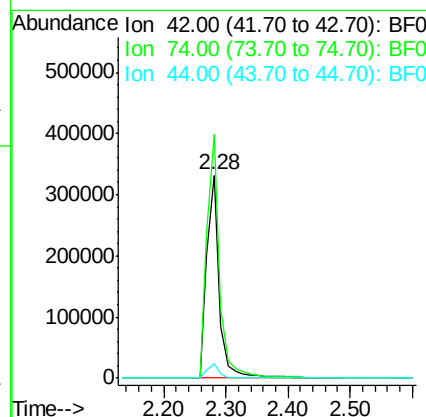
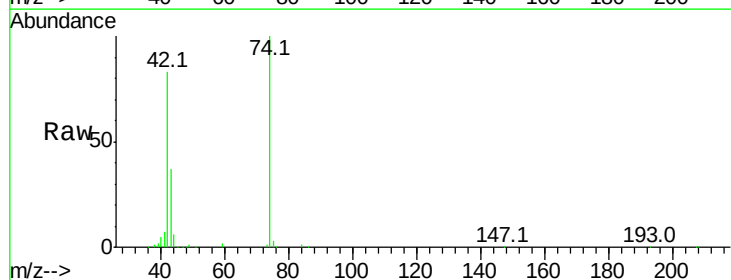
Manual Integrations
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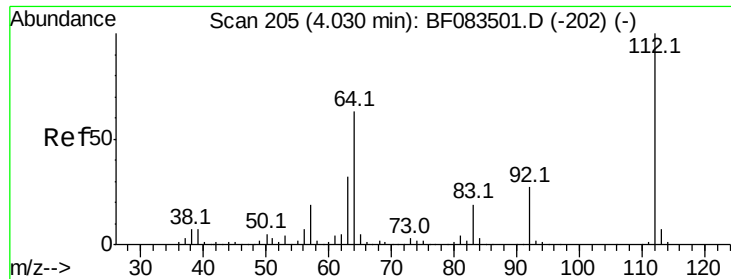
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#4
 n-Nitrosodimethylamine
 Concen: 78.34 ng
 RT: 2.28 min Scan# 52
 Delta R.T. 0.01 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.0	92.9	139.3
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 153.14 ng

RT: 4.03 min Scan# 205

Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:112 Resp: 1395193

Ion Ratio Lower Upper

112 100

64 70.7 50.5 75.7

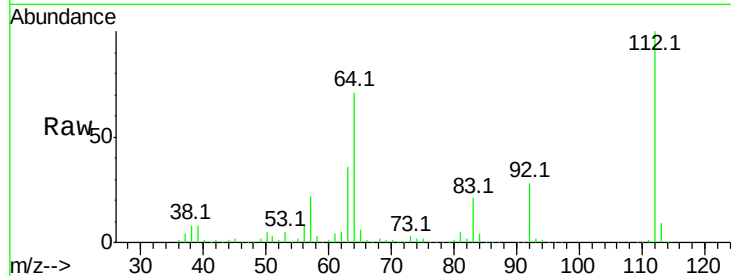
63 35.9 25.8 38.6

Manual Integrations

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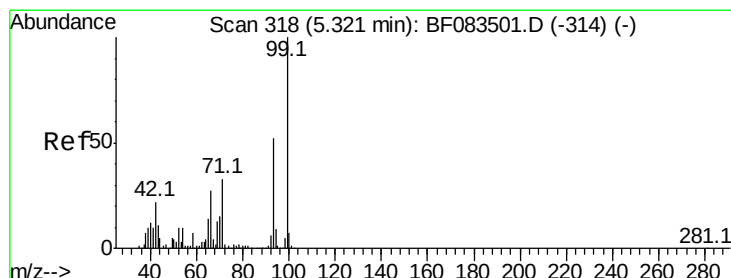
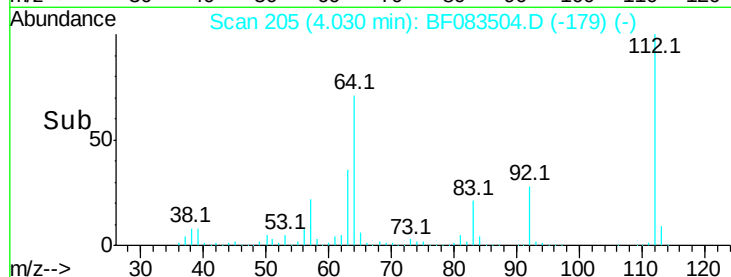
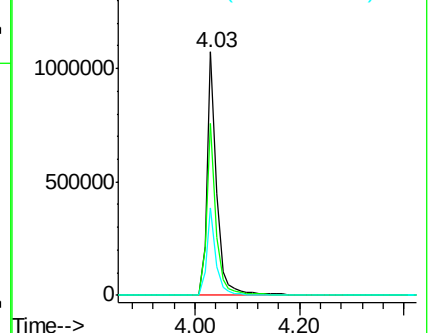
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 72.64 ng

RT: 5.33 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

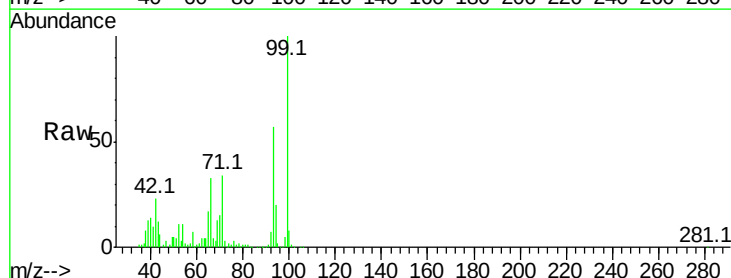
Tgt Ion: 93 Resp: 1239063

Ion Ratio Lower Upper

93 100

66 59.1 41.3 61.9

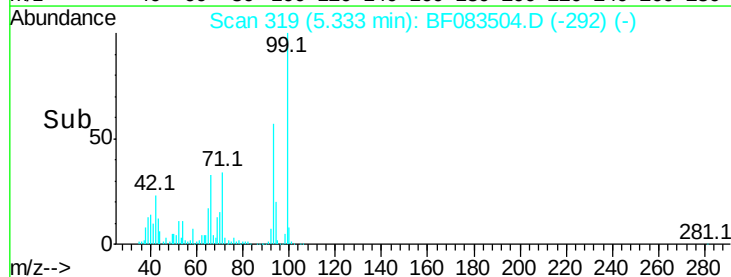
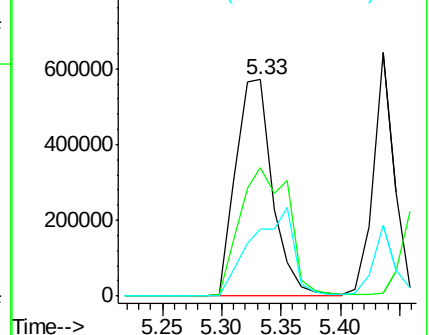
65 30.7 20.8 31.2

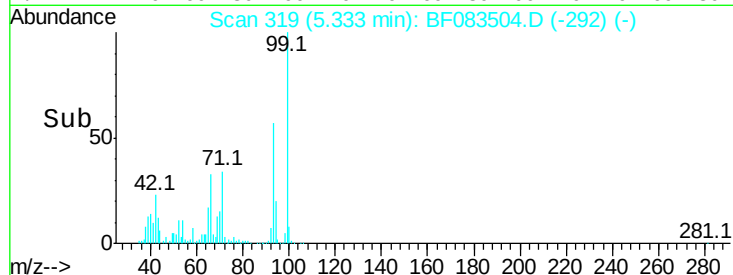
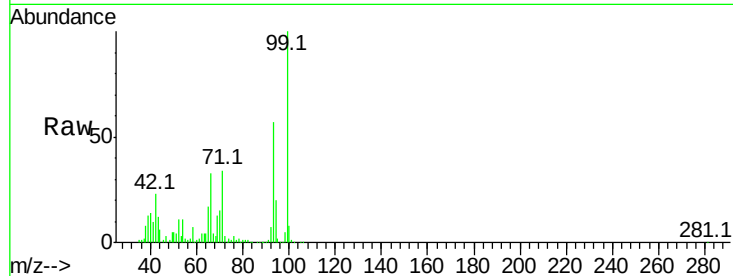
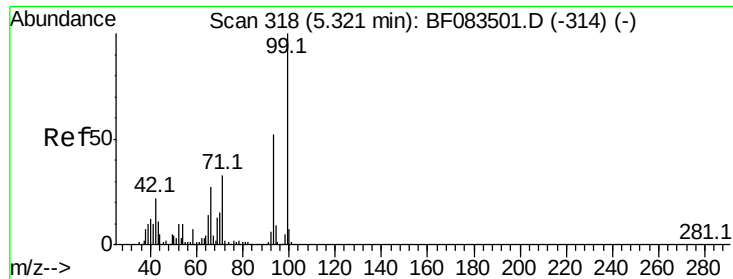


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 150.42 ng

RT: 5.33 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Tot Ion:	99	Resp:	1874850
Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.3	25.9
71	34.1	26.6	40.0

Instrument :

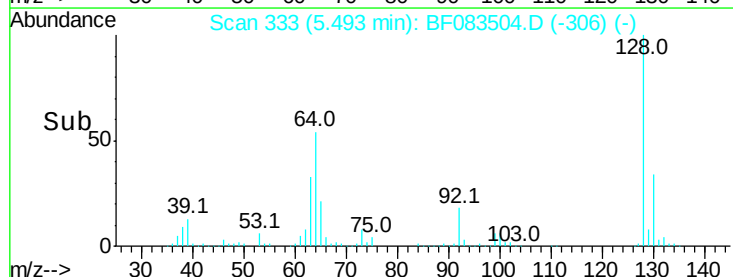
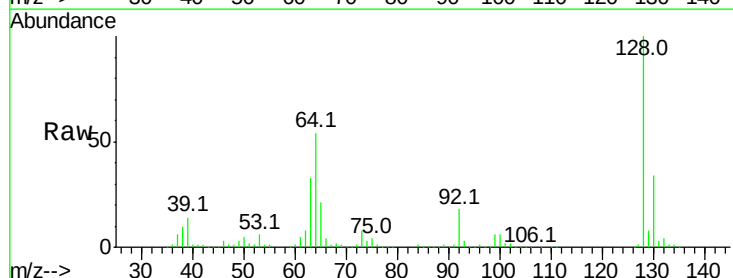
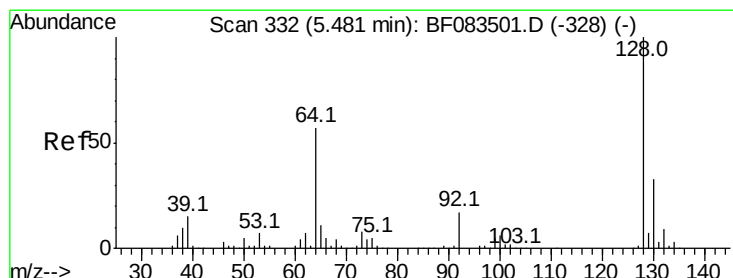
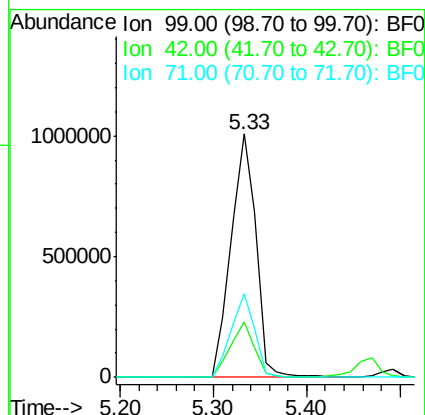
BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations
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#8

2-Chlorophenol

Concen: 76.22 ng

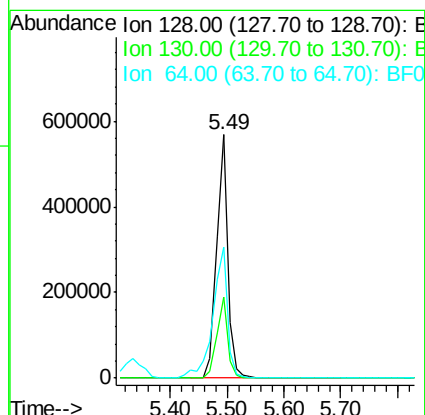
RT: 5.49 min Scan# 333

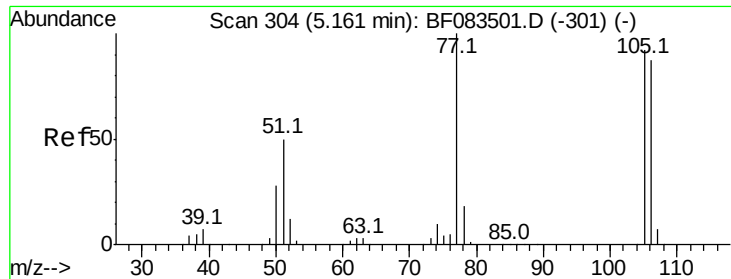
Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Tgt Ion:	128	Resp:	763646
Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.6	52.6
64	53.8	38.6	78.6





#9

Benzaldehyde

Concen: 74.51 ng

RT: 5.16 min Scan# 304

Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 480499

Ion Ratio Lower Upper

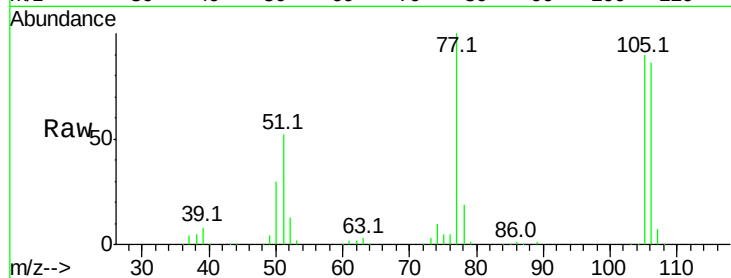
77 100

105 89.9 71.8 111.8

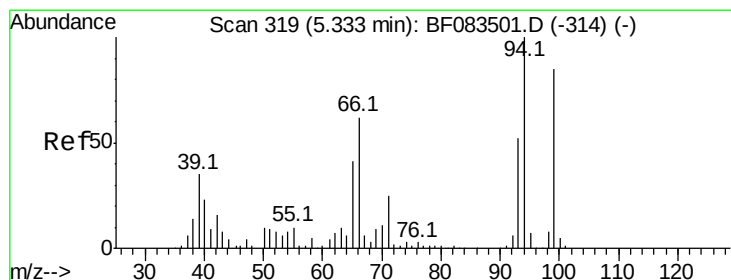
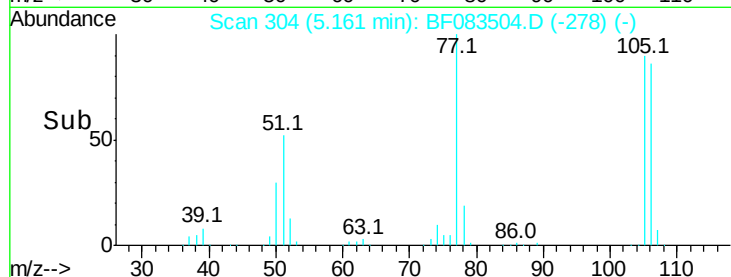
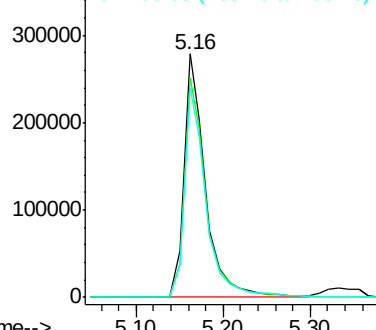
106 86.0 66.8 106.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 76.73 ng

RT: 5.36 min Scan# 321

Delta R.T. 0.02 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

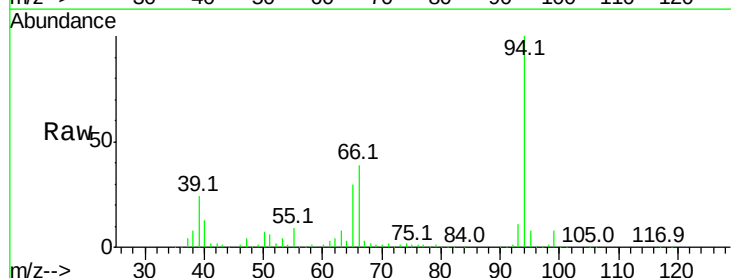
Tgt Ion: 94 Resp: 1144367

Ion Ratio Lower Upper

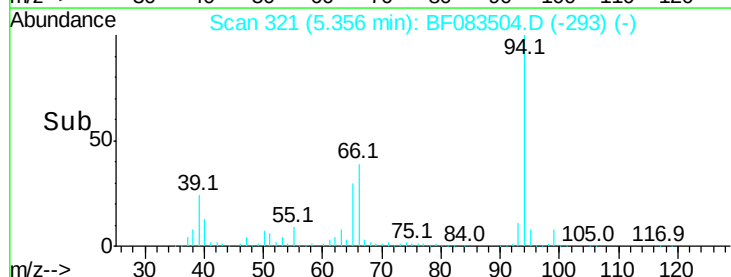
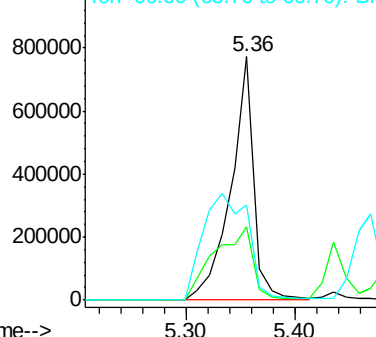
94 100

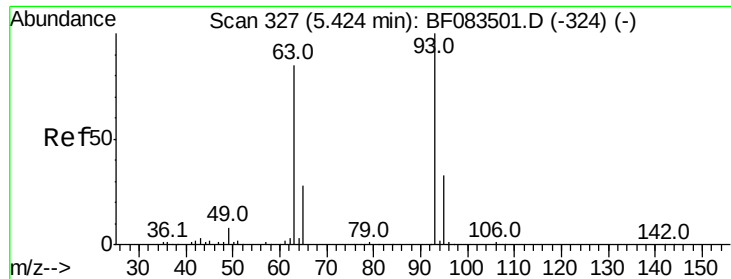
65 30.4 20.9 60.9

66 39.3 41.6 81.6#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 74.23 ng

RT: 5.44 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

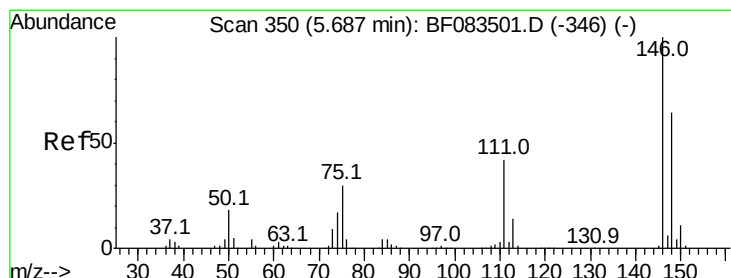
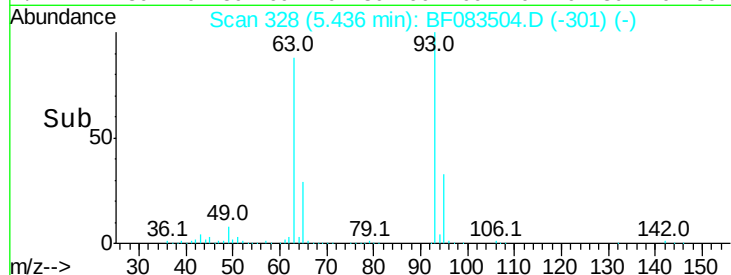
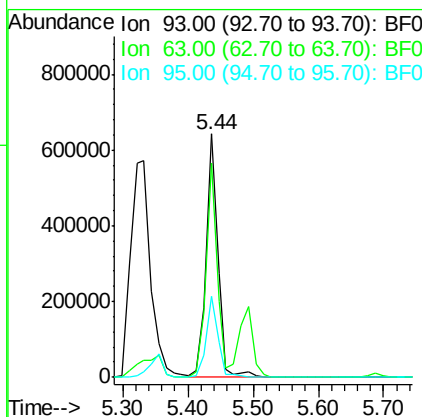
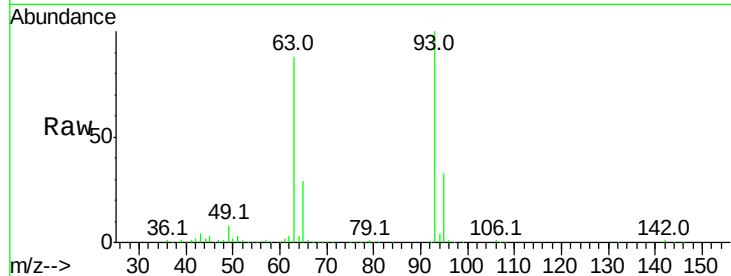
ClientSampleId :

SSTDIC080

Tot Ion:	93	Resp:	812429
Ion	Ratio	Lower	Upper
93	100		
63	88.2	64.7	104.7
95	33.4	12.7	52.7

Manual Integrations
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Mmdadoda
12/7/2015 6:30:45 PM



#12

1,3-Dichlorobenzene

Concen: 75.02 ng

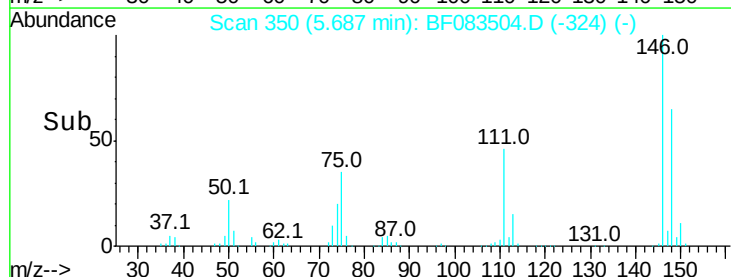
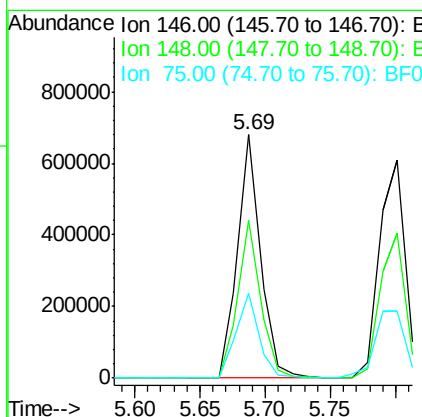
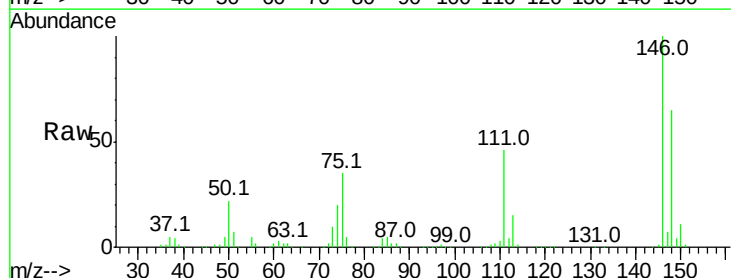
RT: 5.69 min Scan# 350

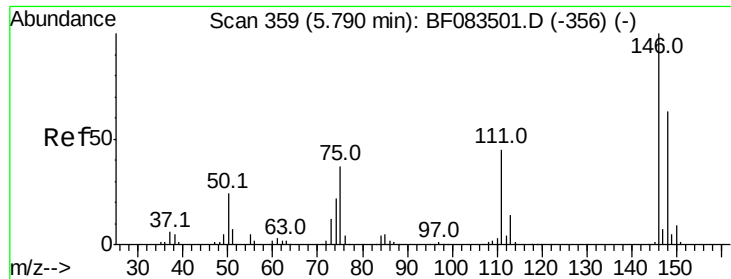
Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Tgt Ion:	146	Resp:	838423
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
75	34.9	24.1	36.1





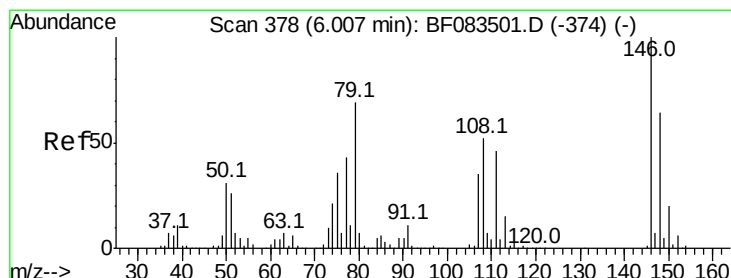
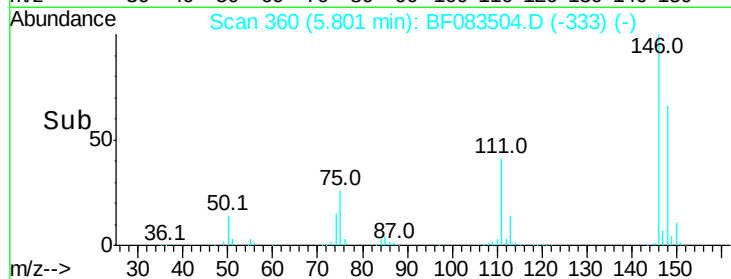
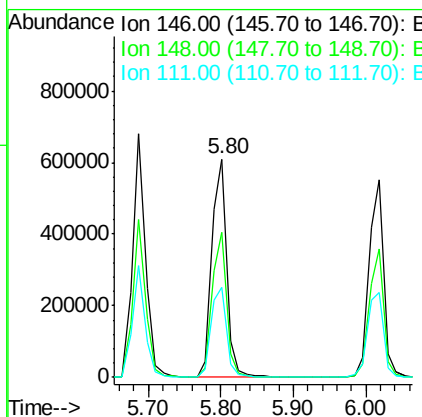
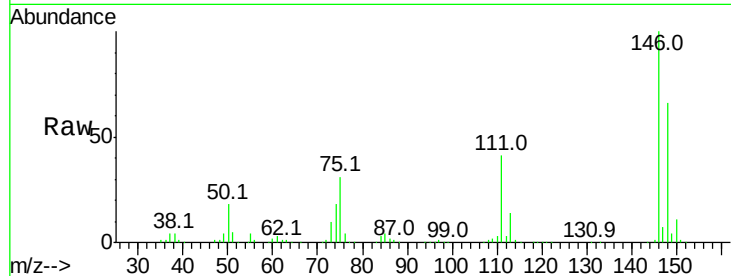
#13
 1,4-Dichlorobenzene
 Concen: 75.40 ng
 RT: 5.80 min Scan# 360
 Delta R.T. 0.01 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	50.6	76.0
111	41.3	36.1	54.1

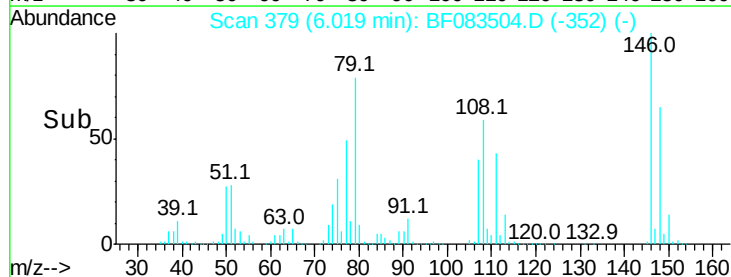
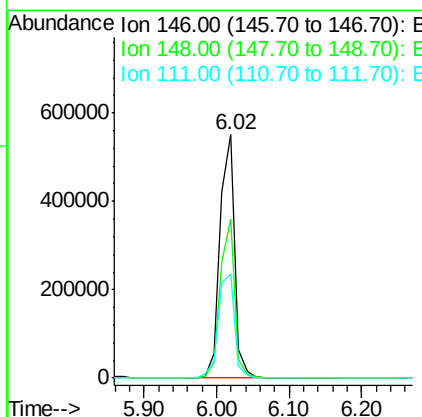
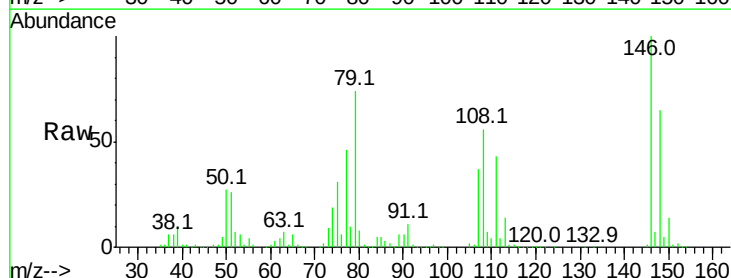
Manual Integrations
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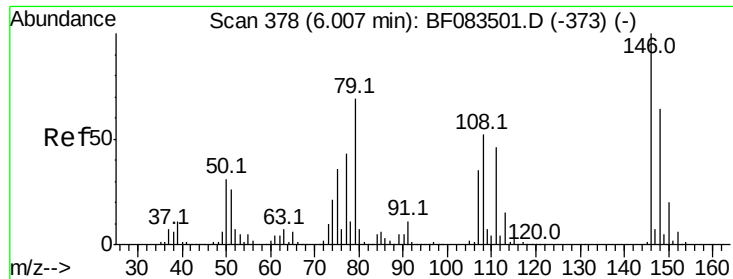
Mmdadoda
 12/7/2015 6:30:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 72.22 ng
 RT: 6.02 min Scan# 379
 Delta R.T. 0.01 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
111	42.8	36.7	55.1





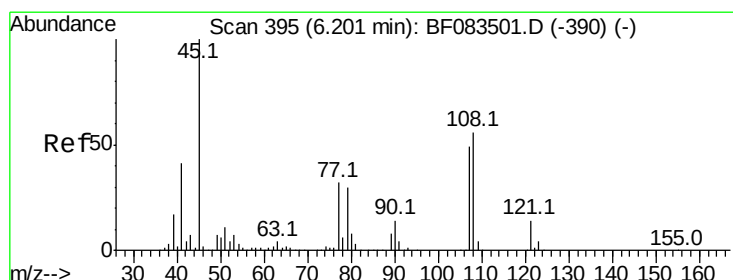
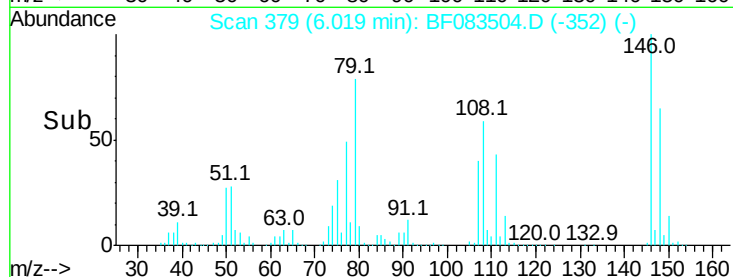
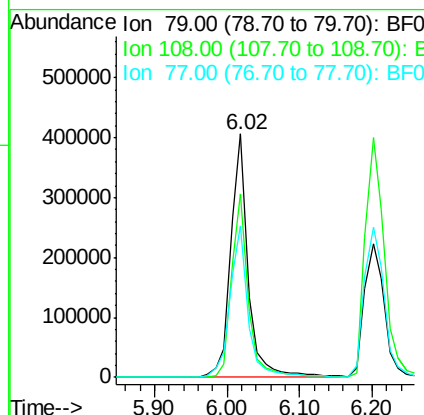
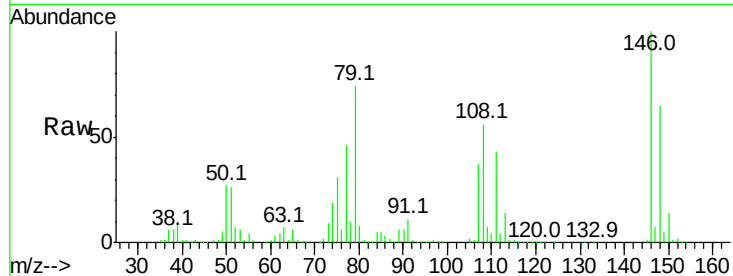
#15
Benzyl Alcohol
Concen: 71.66 ng
RT: 6.02 min Scan# 379
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.4	59.6	89.4
77	62.0	49.8	74.6

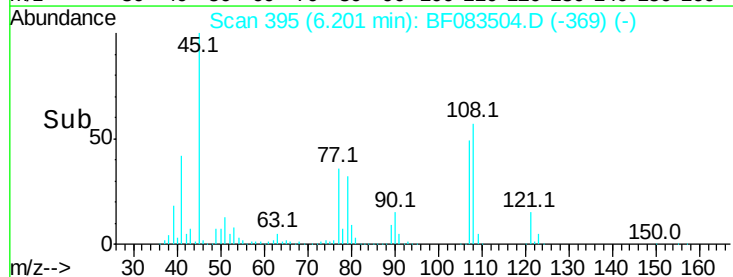
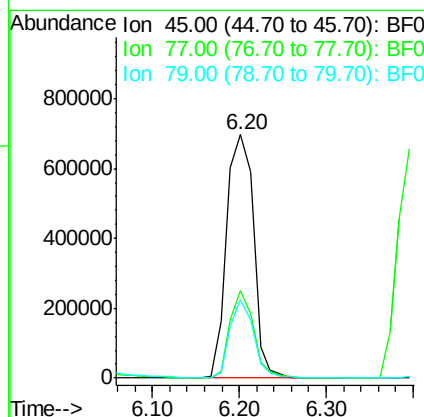
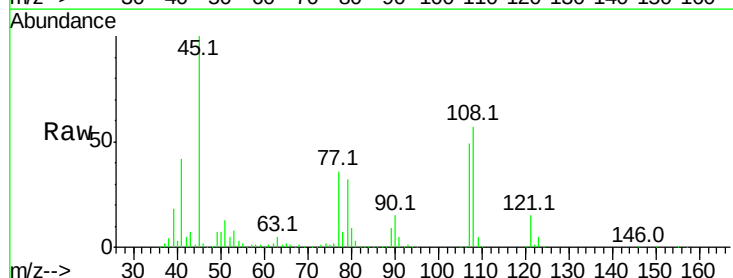
Manual Integrations
APPROVED

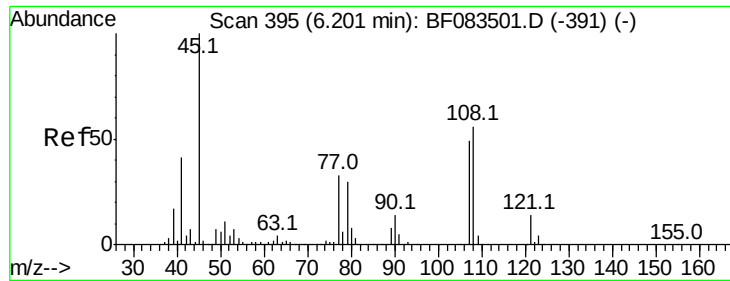
Mmdadoda
12/7/2015 6:30:45 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 78.12 ng
RT: 6.20 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.9	12.8	52.8
79	32.1	10.7	50.7





#17

2-Methylphenol

Concen: 75.19 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

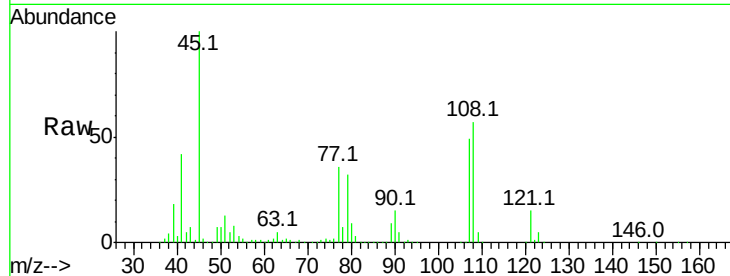
ClientSampleId :

SSTDIC080

Tot Ion:	107	Resp:	629532
Ion Ratio	Lower	Upper	
107	100		
108	116.4	91.6	137.4
77	72.9	53.7	80.5
79	65.1	50.2	75.4

Manual Integrations
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Mmdadoda
12/7/2015 6:30:45 PM

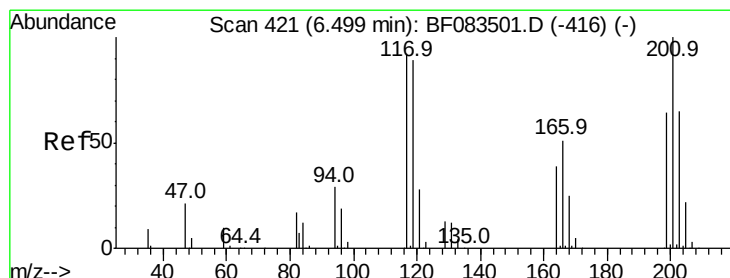
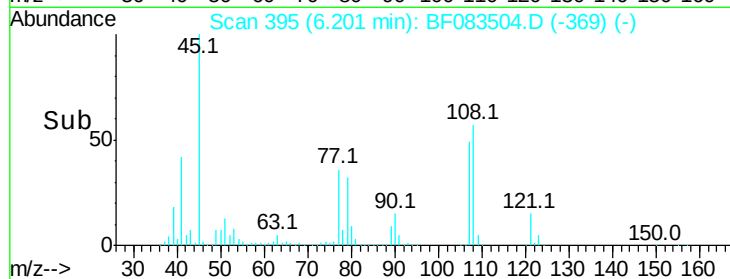
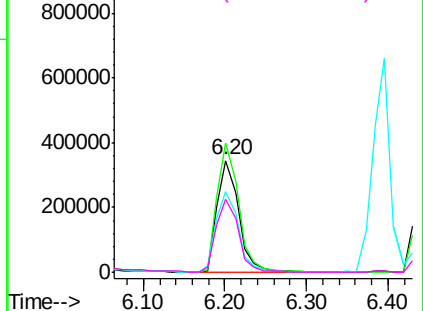


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 77.73 ng

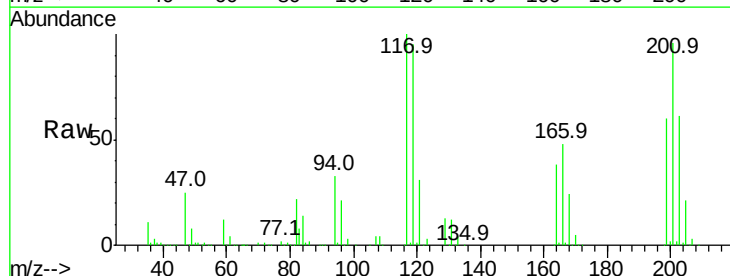
RT: 6.50 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

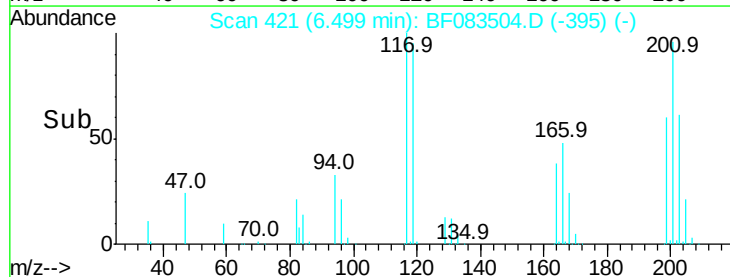
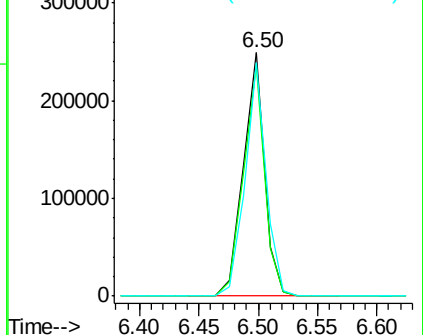
Tgt Ion:	117	Resp:	312309
Ion Ratio	Lower	Upper	
117	100		
119	94.8	77.2	115.8
201	95.7	86.8	130.2

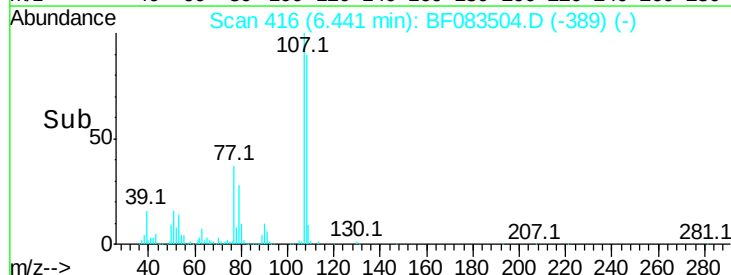
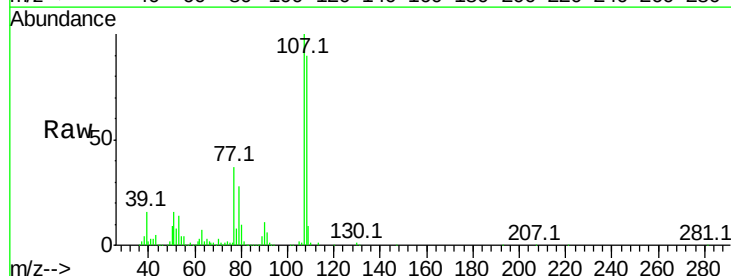
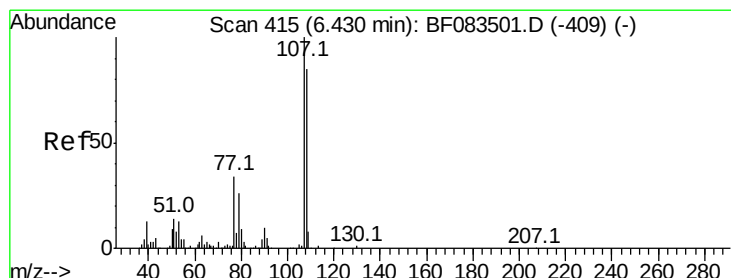
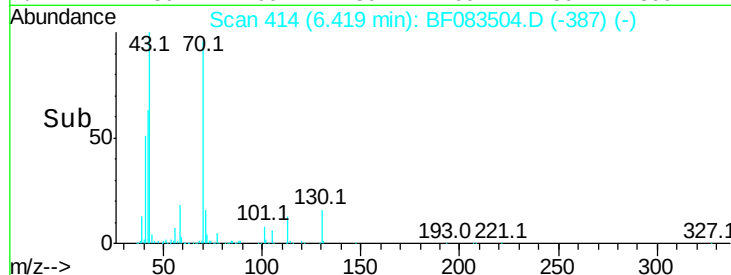
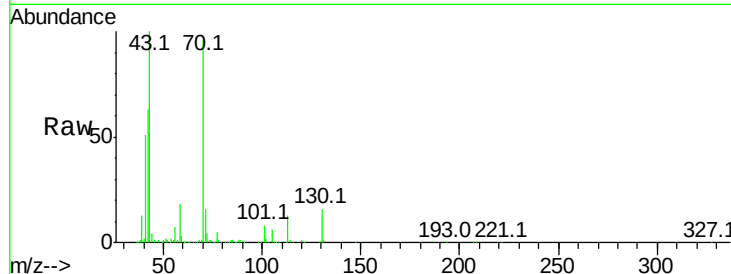
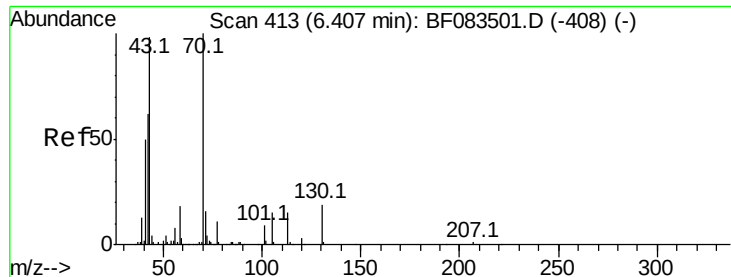


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

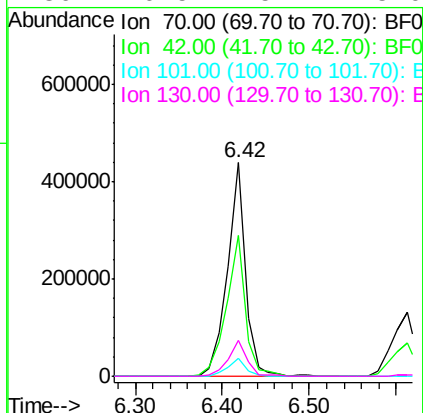
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 72.63 ng
RT: 6.42 min Scan# 414
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.0	49.2	73.8
101	8.4	7.1	10.7
130	16.5	15.4	23.0



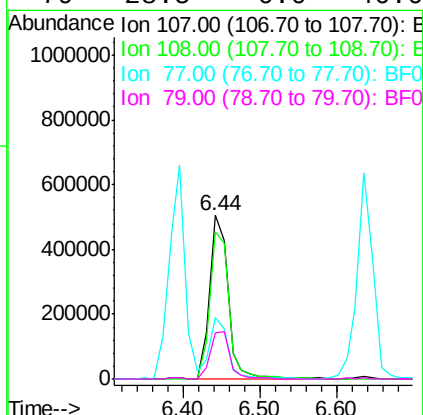
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

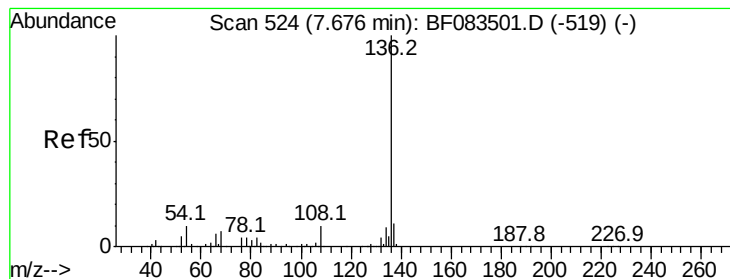
Manual Integrations
APPROVED

Mmdadoda
12/7/2015 6:30:45 PM

#20
3+4-Methylphenols
Concen: 73.71 ng
RT: 6.44 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	65.2	105.2
77	37.3	15.2	55.2
79	28.5	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF083504.D

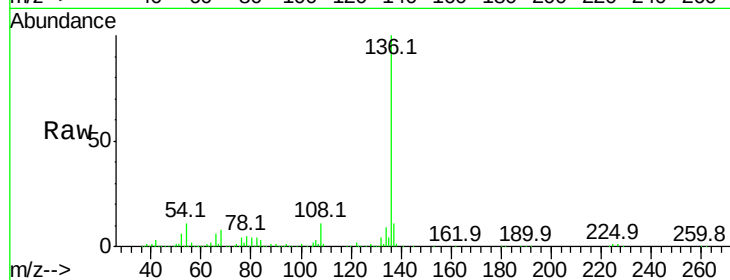
Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tot Ion:136 Resp: 534097

Ion Ratio Lower Upper

136 100

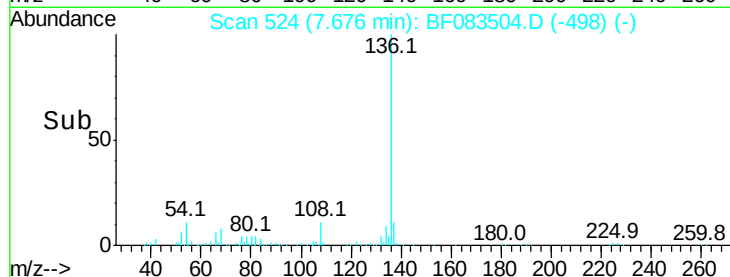
137 11.0 8.7 13.1

54 11.1 7.8 11.6

68 7.6 5.7 8.5

Manual Integrations
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Mmdadoda
12/7/2015 6:30:45 PM



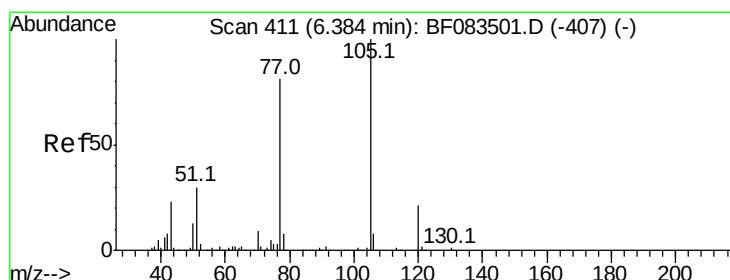
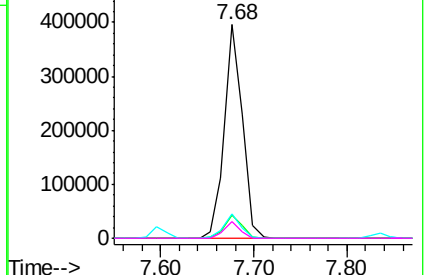
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



#22

Acetophenone

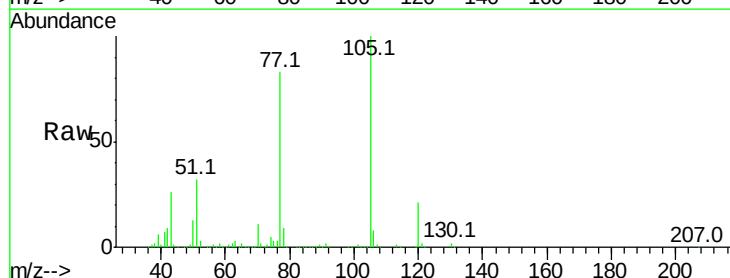
Concen: 75.03 ng

RT: 6.40 min Scan# 412

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24



Tgt Ion:105 Resp: 1192815

Ion Ratio Lower Upper

105 100

71 1.8 1.3 1.9

51 31.6 23.8 35.8

120 20.7 16.7 25.1

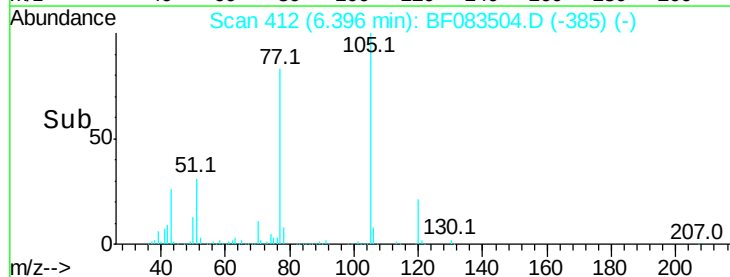
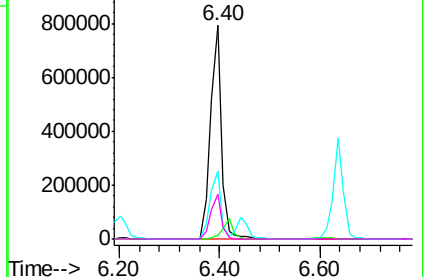
Abundance Ion 105.00 (104.70 to 105.70): E

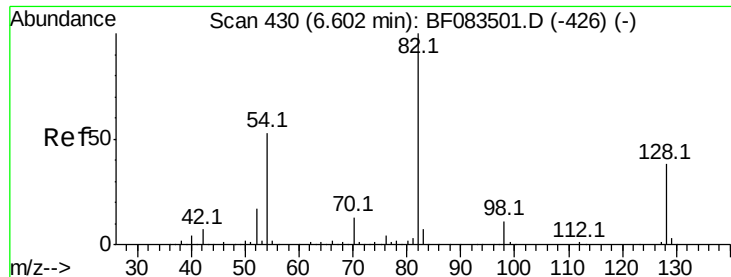
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->





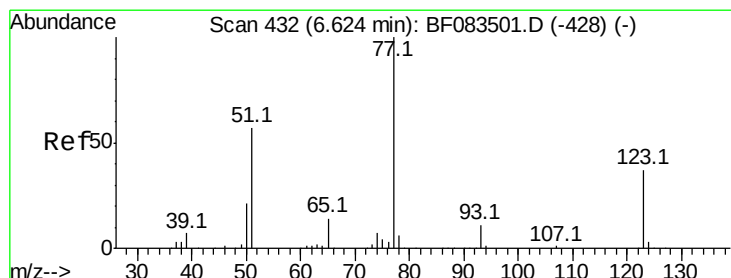
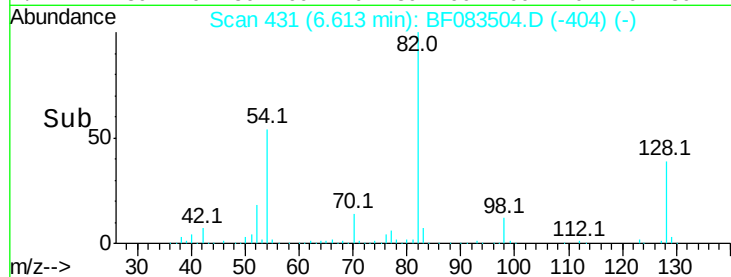
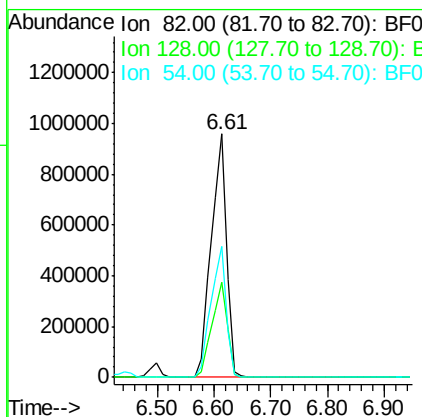
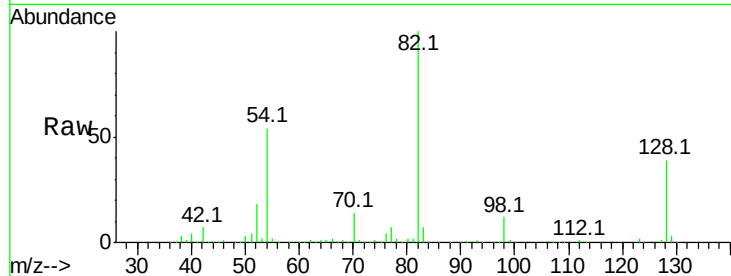
#23
Nitrobenzene-d5
Concen: 145.01 ng
RT: 6.61 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 82 Resp: 1757919
Ion Ratio Lower Upper
82 100
128 38.9 30.7 46.1
54 54.0 42.5 63.7

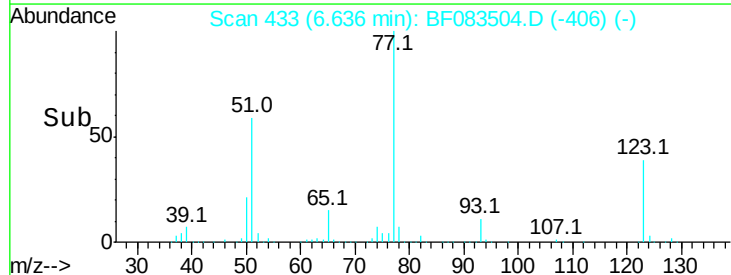
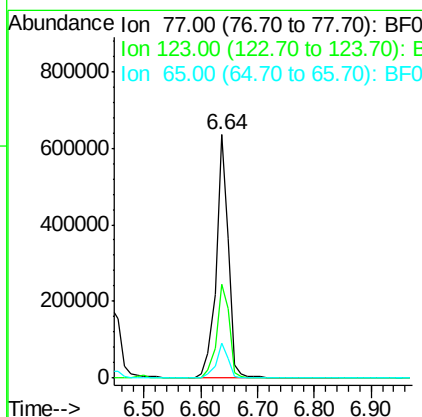
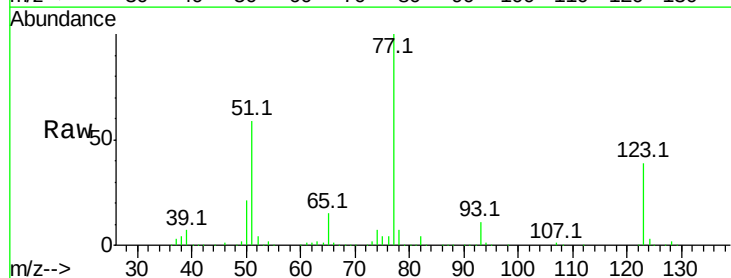
Manual Integrations
APPROVED

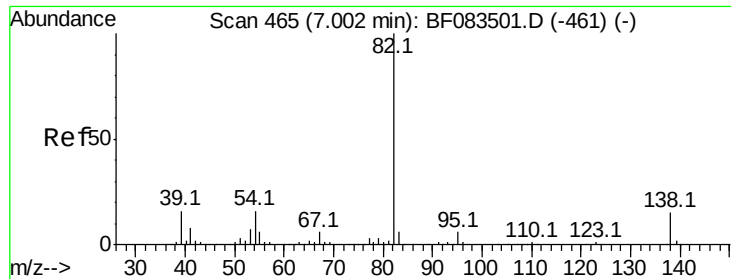
Mmdadoda
12/7/2015 6:30:45 PM



#24
Nitrobenzene
Concen: 71.61 ng
RT: 6.64 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tgt Ion: 77 Resp: 928189
Ion Ratio Lower Upper
77 100
123 38.5 29.8 44.6
65 14.5 11.1 16.7





#25

Isophorone

Concen: 73.49 ng

RT: 7.01 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 82 Resp: 1717637

Ion Ratio Lower Upper

82 100

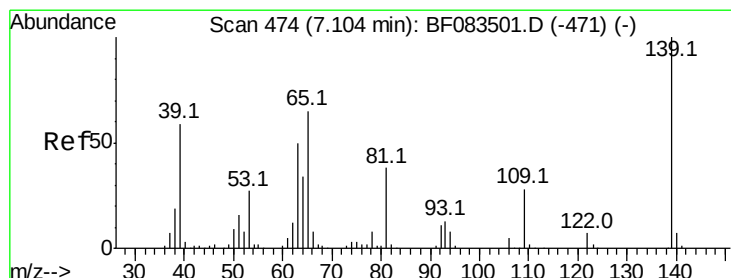
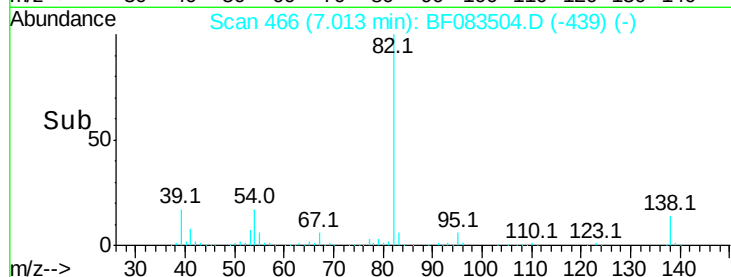
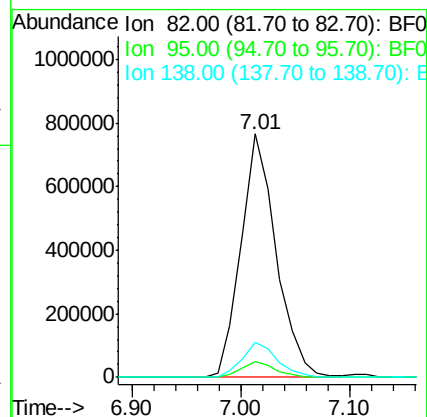
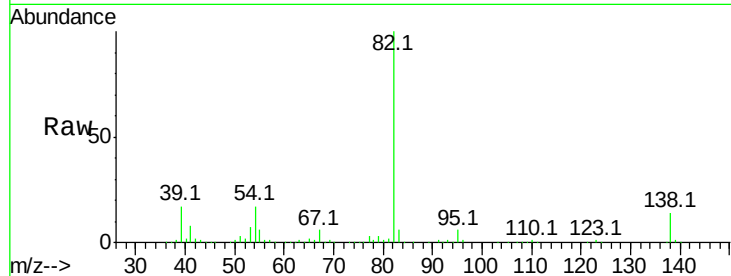
95 6.5 5.0 7.4

138 14.1 12.1 18.1

Manual Integrations
APPROVED

Mmdadoda

12/7/2015 6:30:45 PM



#26

2-Nitrophenol

Concen: 77.55 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

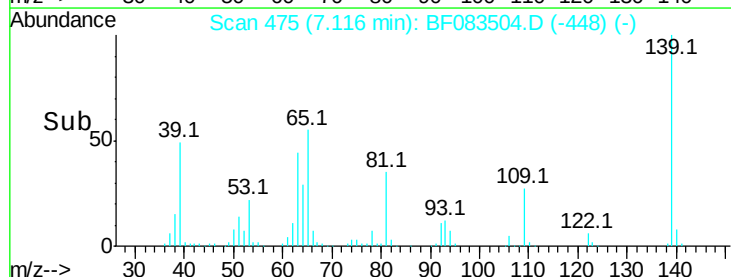
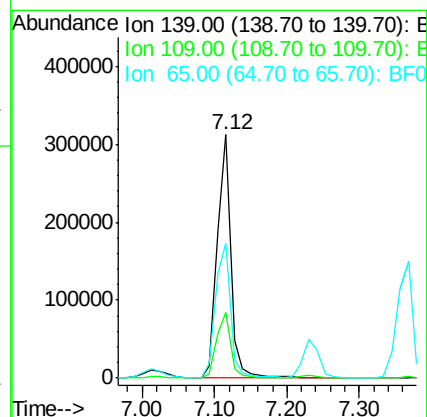
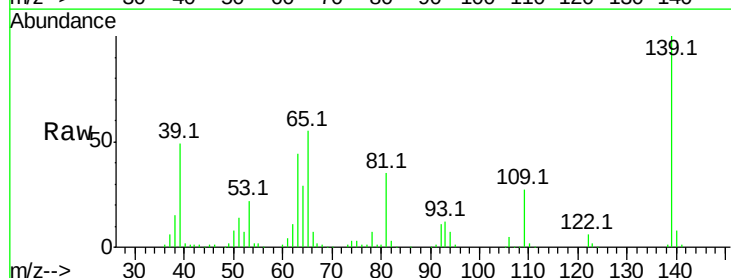
Tgt Ion: 139 Resp: 411726

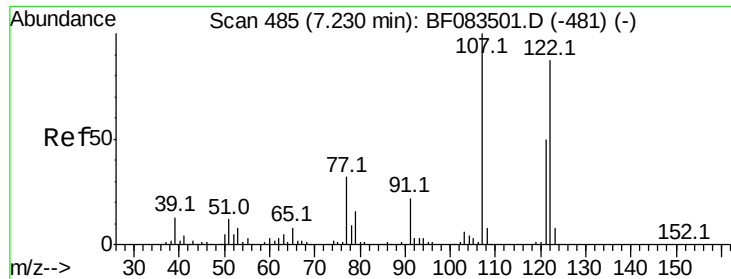
Ion Ratio Lower Upper

139 100

109 27.0 22.7 34.1

65 55.3 51.8 77.8





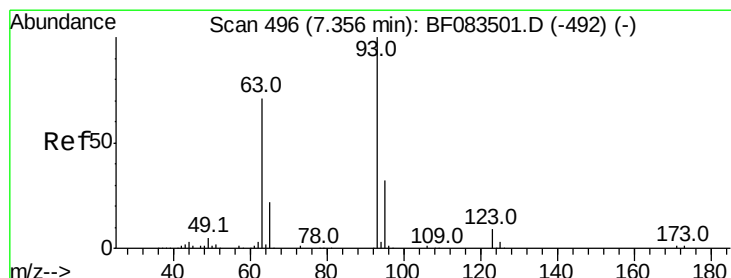
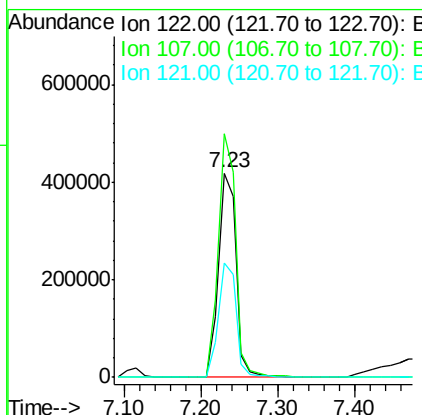
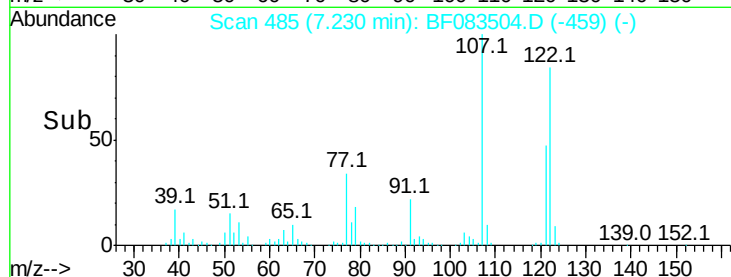
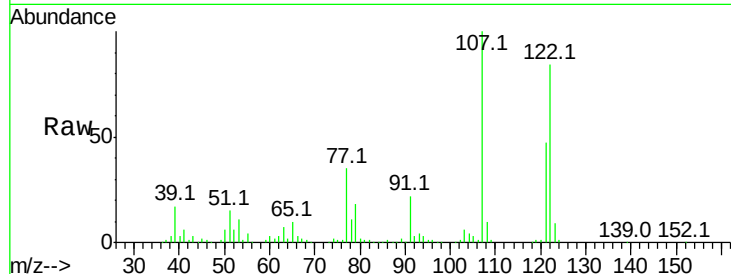
#27
 2,4-Dimethylphenol
 Concen: 76.98 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	122	Resp:	680883
Ion Ratio	Lower	Upper	
122	100		
107	119.0	92.4	138.6
121	56.2	45.8	68.6

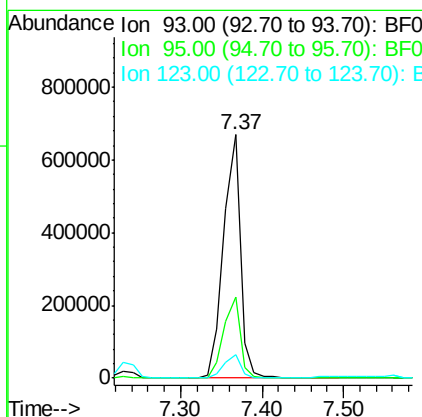
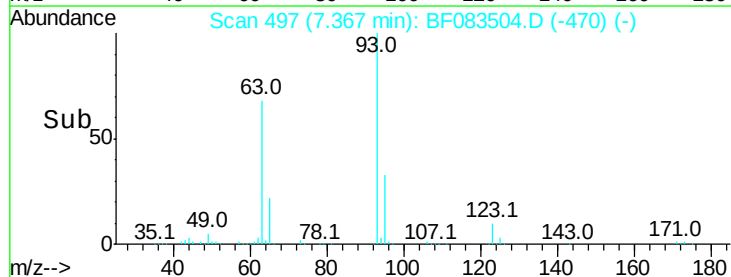
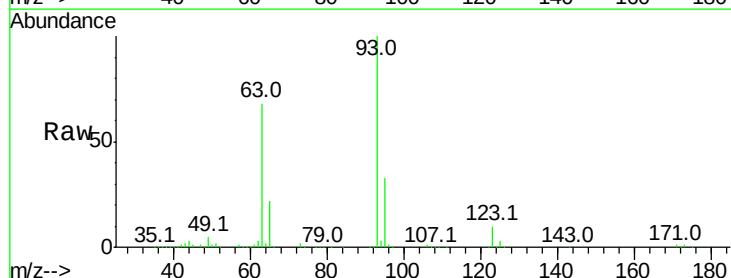
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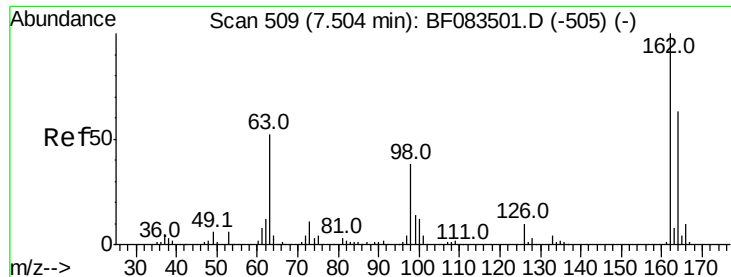
Mmdadoda
 12/7/2015 6:30:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 72.09 ng
 RT: 7.37 min Scan# 497
 Delta R.T. 0.01 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Tgt Ion:	93	Resp:	963885
Ion Ratio	Lower	Upper	
93	100		
95	33.2	25.6	38.4
123	9.7	7.3	10.9





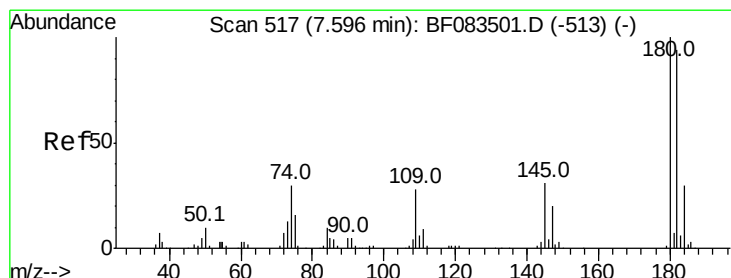
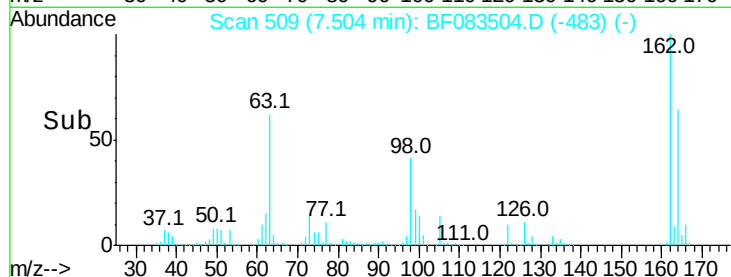
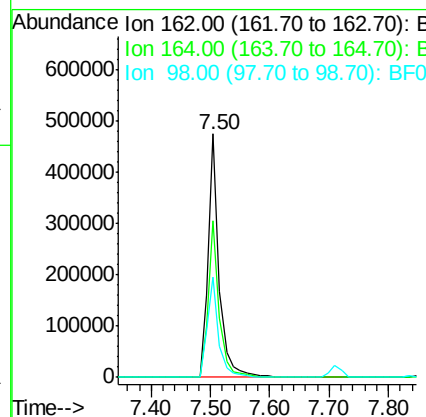
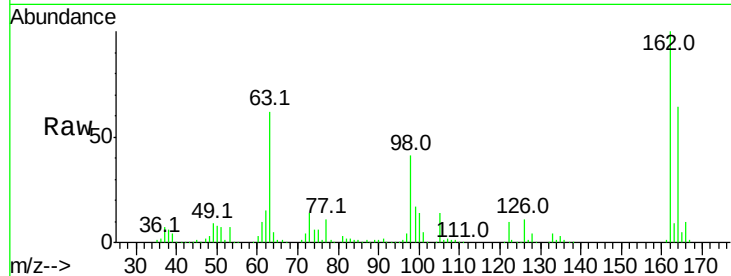
#29
 2,4-Dichlorophenol
 Concen: 72.93 ng
 RT: 7.50 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	43.4	83.4
98	41.2	17.5	57.5

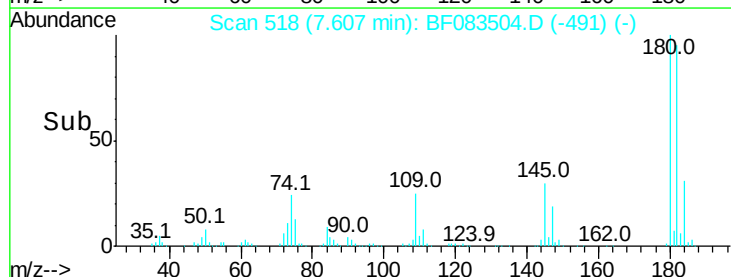
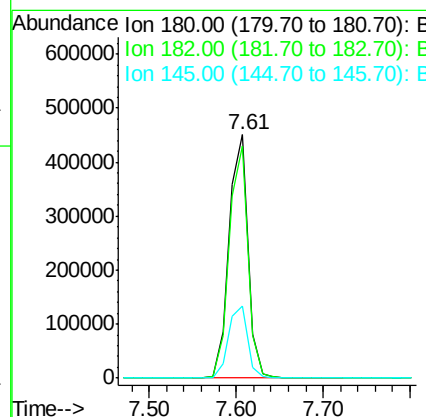
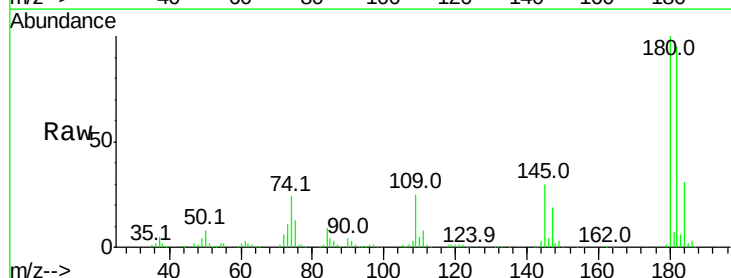
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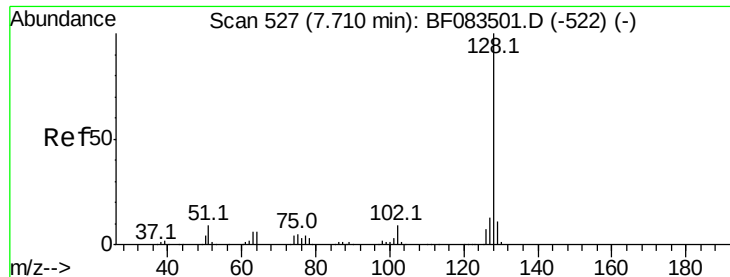
Mmdadoda
 12/7/2015 6:30:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 73.64 ng
 RT: 7.61 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	74.9	112.3
145	29.6	24.7	37.1





#31

Naphthalene

Concen: 72.54 ng

RT: 7.71 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:128 Resp: 2113037

Ion Ratio Lower Upper

128 100

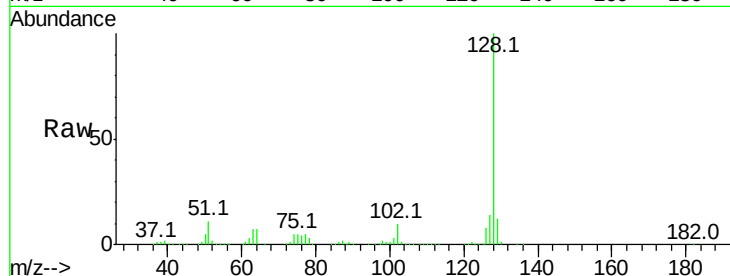
129 12.1 8.6 13.0

127 13.7 10.6 16.0

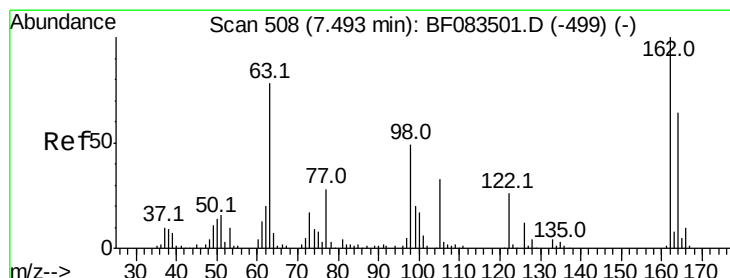
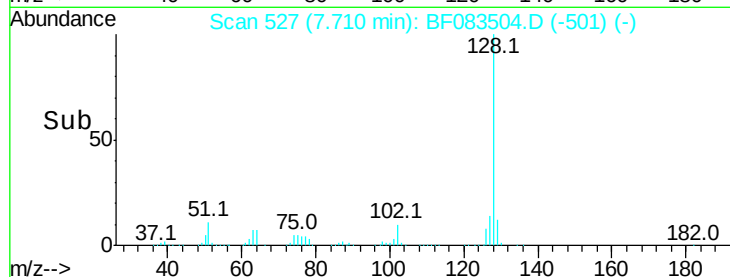
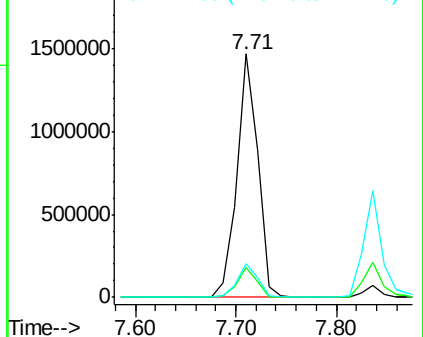
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Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 72.96 ng

RT: 7.56 min Scan# 514

Delta R.T. 0.07 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

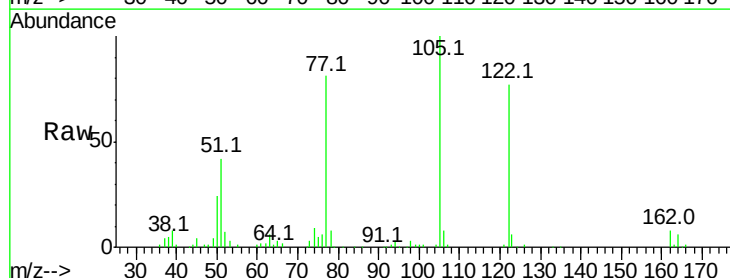
Tgt Ion:122 Resp: 436559

Ion Ratio Lower Upper

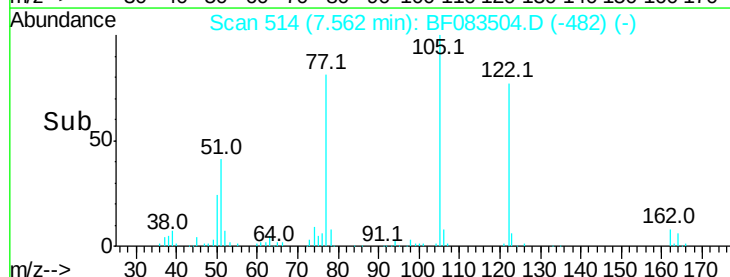
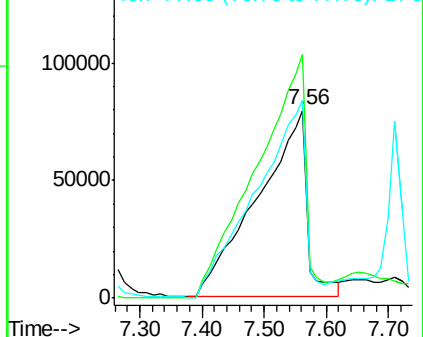
122 100

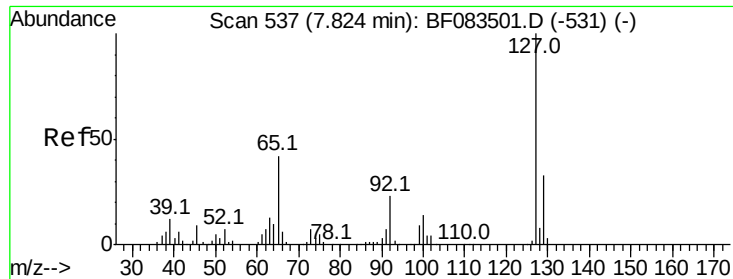
105 130.0 105.6 145.6

77 105.7 86.8 126.8



Abundance Ion 122.00 (121.70 to 122.70): E
100000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





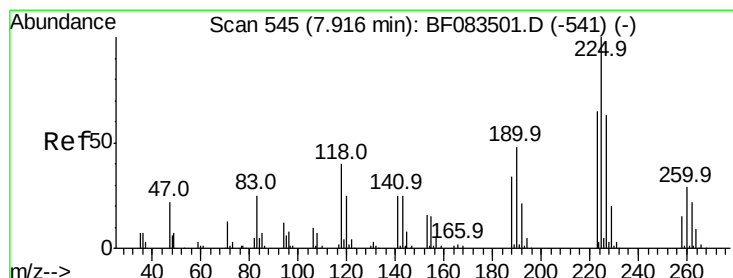
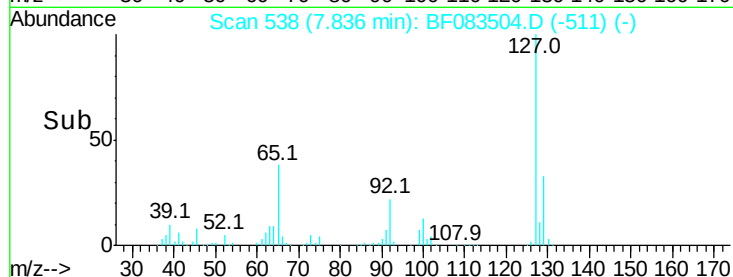
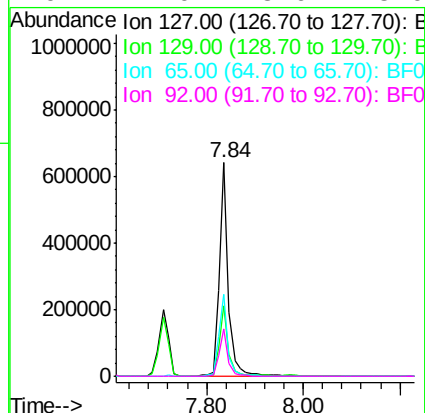
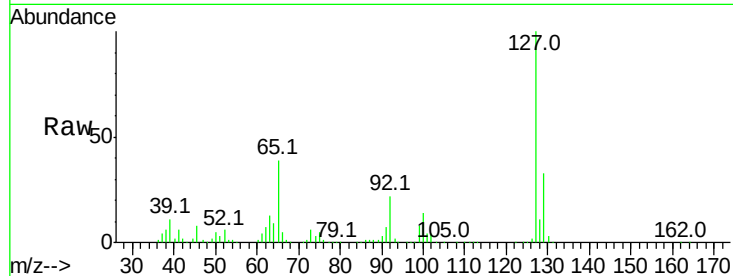
#33
4-Chloroaniline
Concen: 68.64 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.1	39.1		
65	38.5	33.5	50.3		
92	22.0	18.6	28.0		

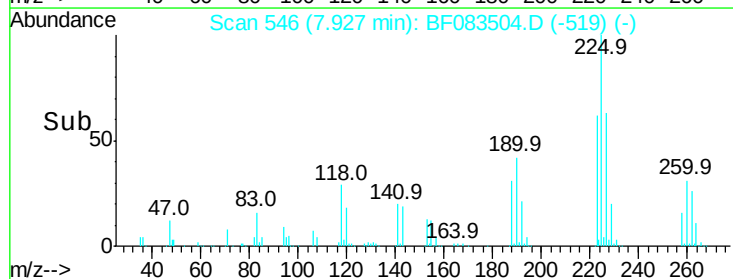
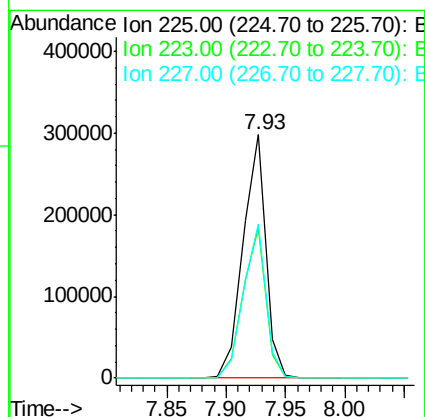
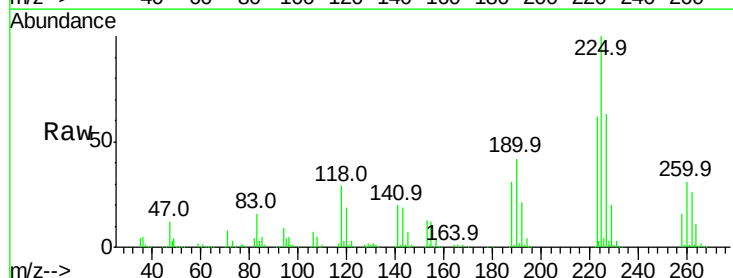
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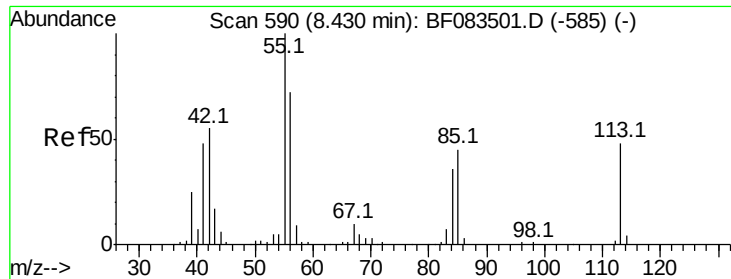
Mmdadoda
12/7/2015 6:30:45 PM



#34
Hexachlorobutadiene
Concen: 75.48 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	52.3	78.5		
227	63.4	50.4	75.6		





#35

Caprolactam

Concen: 75.95 ng/mL

RT: 8.48 min Scan# 594

Delta R.T. 0.05 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

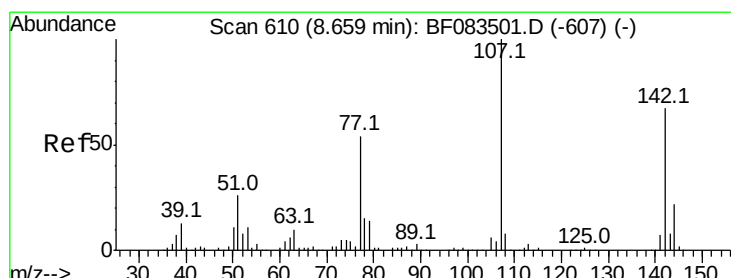
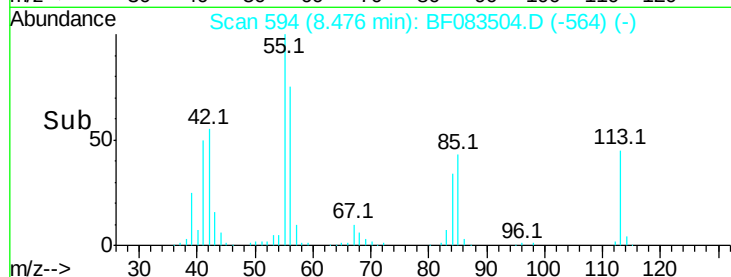
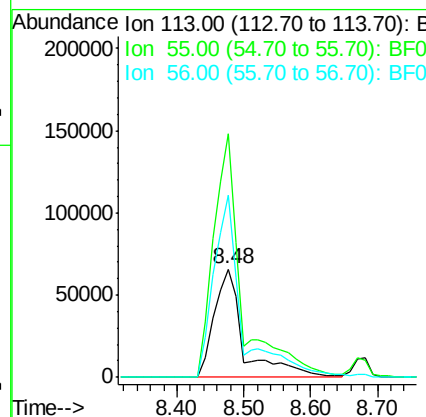
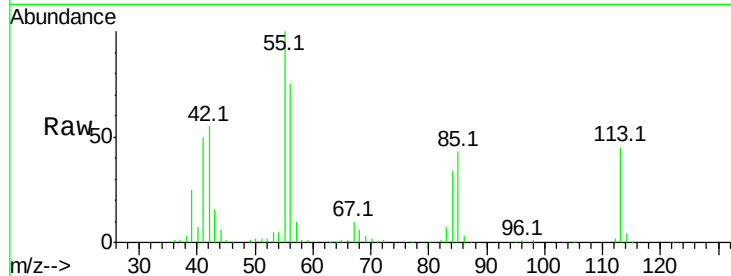
ClientSampleId :

SSTDICC080

Tot Ion:	113	Resp:	202615
Ion Ratio	Lower	Upper	
113	100		
55	224.5	189.7	229.7
56	168.1	130.7	170.7

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Mmdadoda
12/7/2015 6:30:45 PM



#36

4-Chloro-3-methylphenol

Concen: 74.06 ng/mL

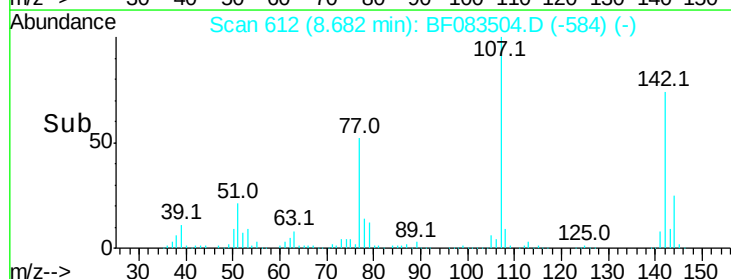
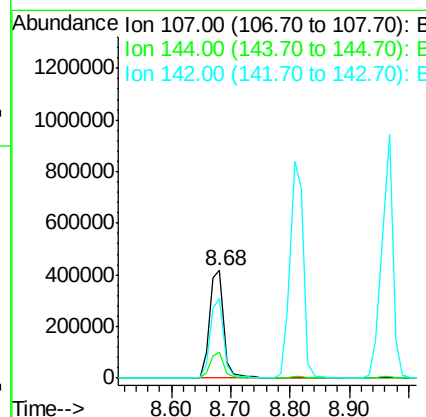
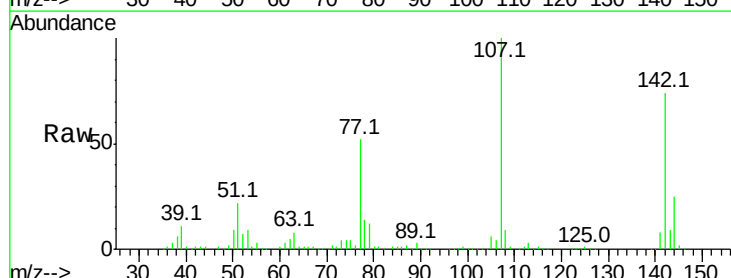
RT: 8.68 min Scan# 612

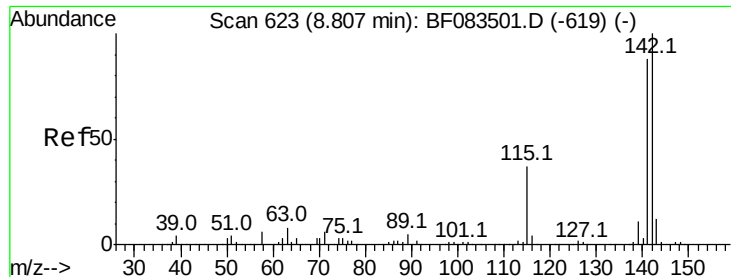
Delta R.T. 0.02 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Tgt Ion:	107	Resp:	706356
Ion Ratio	Lower	Upper	
107	100		
144	24.5	17.5	26.3
142	74.2	53.6	80.4





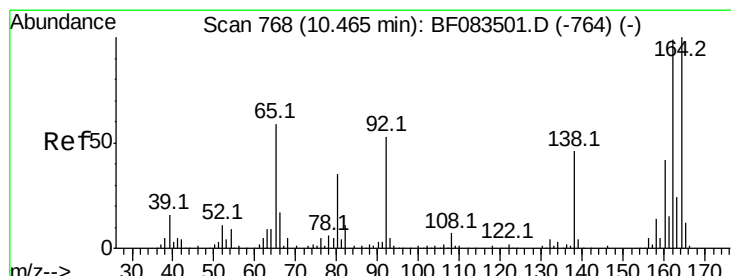
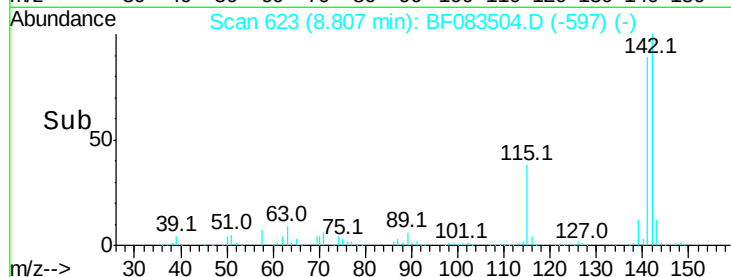
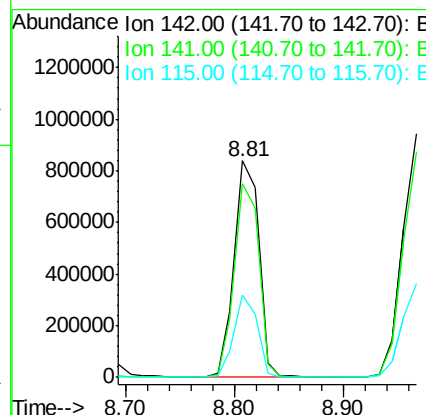
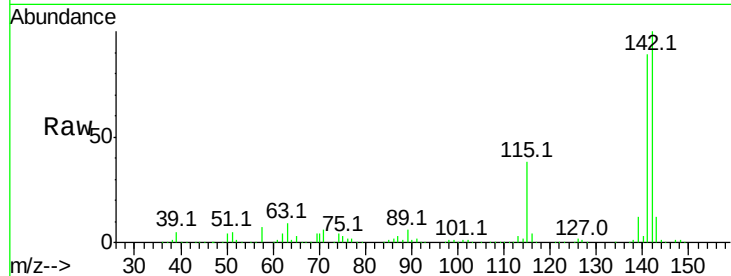
#37
 2-Methylnaphthalene
 Concen: 68.48 ng
 RT: 8.81 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	38.2	29.2	43.8

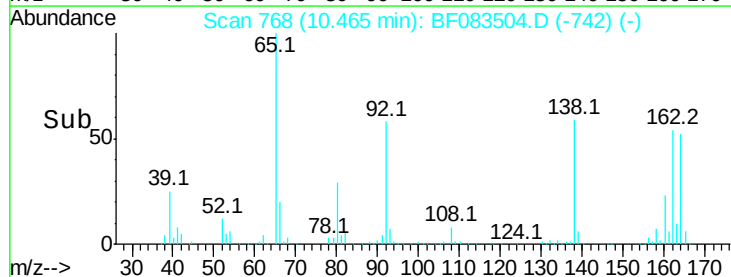
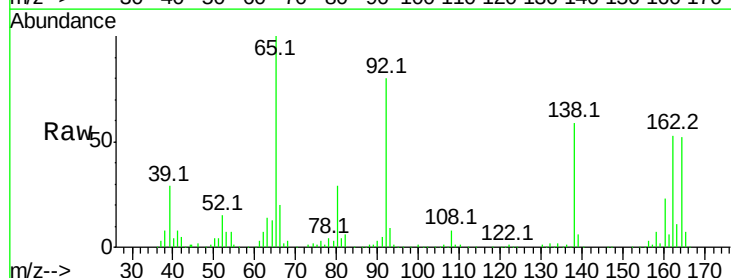
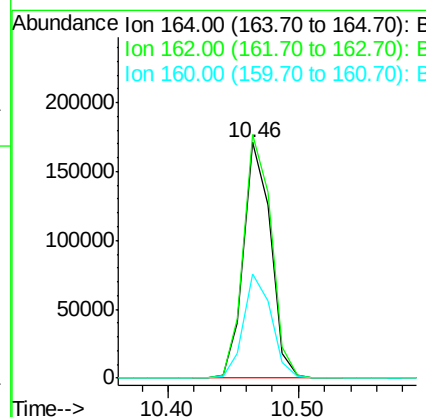
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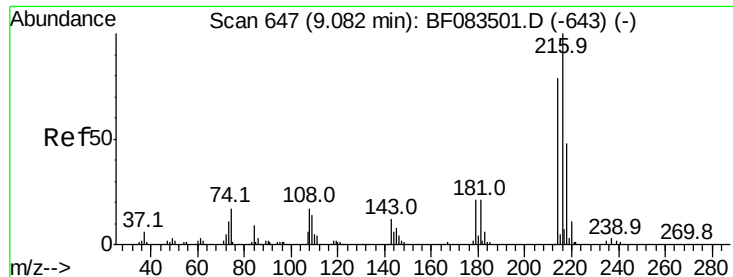
Mmdadoda
 12/7/2015 6:30:45 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	44.1	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 79.98 ng

RT: 9.08 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:216 Resp: 634523
Ion Ratio Lower Upper

216 100

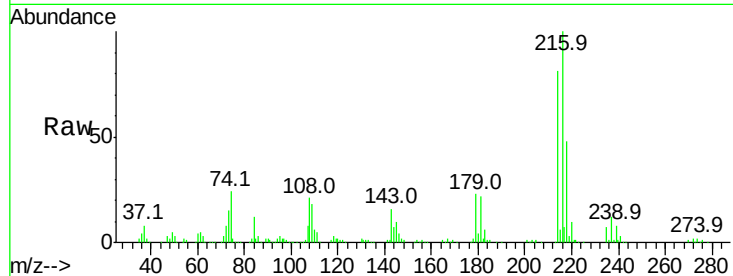
214 78.6 0.0 0.0#

179 21.3 0.0 0.0#

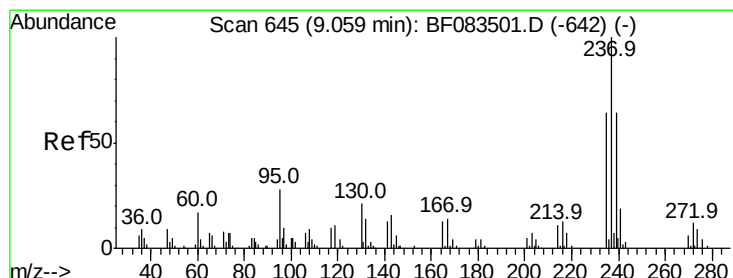
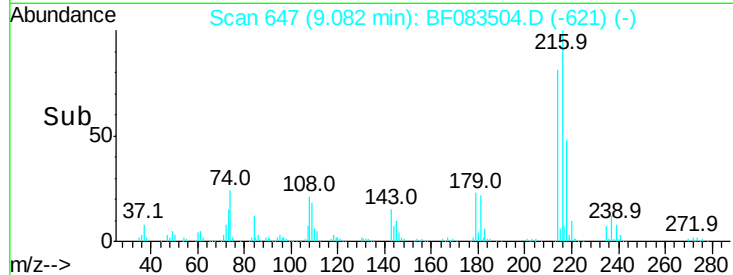
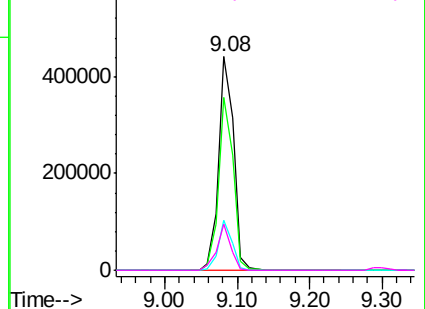
108 19.9 0.0 0.0#

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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: 75.21 ng

RT: 9.07 min Scan# 646

Delta R.T. 0.01 min

Lab File: BF083504.D

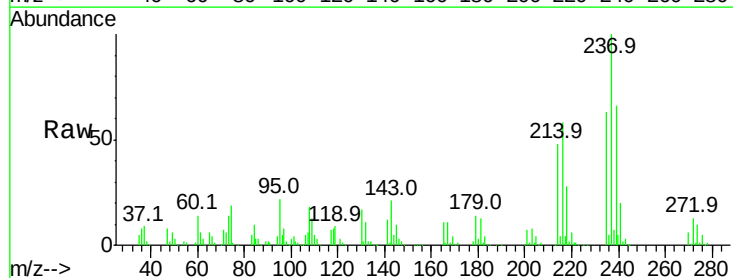
Acq: 5 Dec 2015 2:24

Tgt Ion:237 Resp: 264669
Ion Ratio Lower Upper

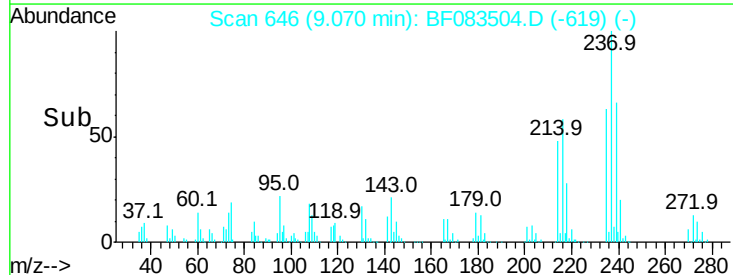
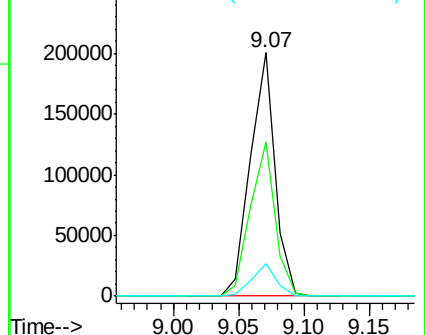
237 100

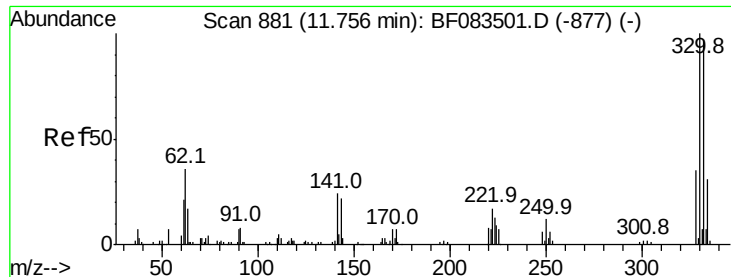
235 63.3 43.9 83.9

272 13.3 0.0 31.8



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





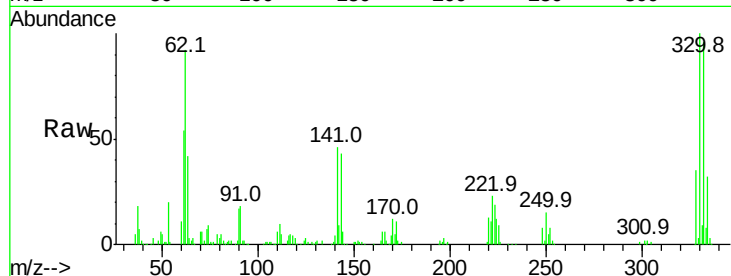
#41
 2,4,6-Tribromophenol
 Concen: 150.88 ng
 RT: 11.76 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

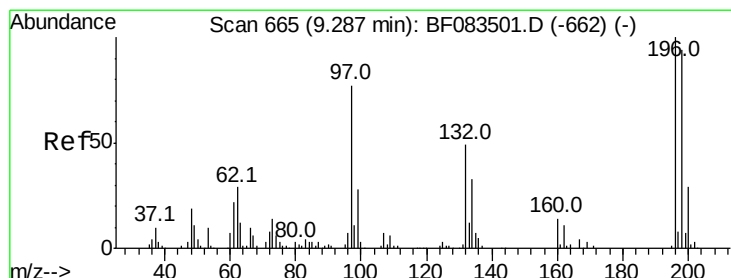
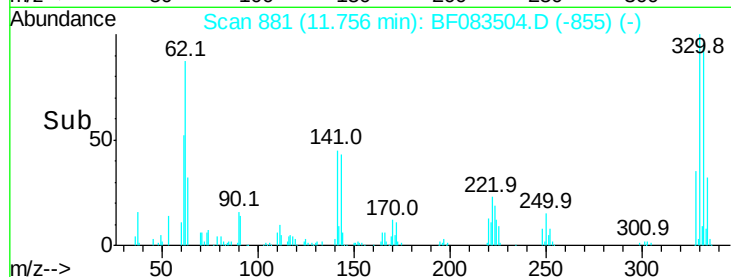
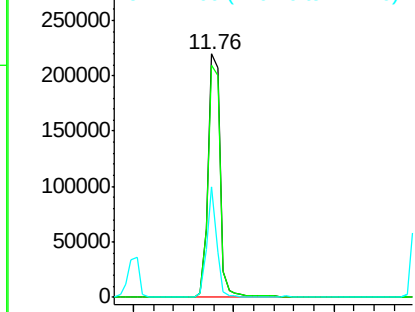
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	36.7	0.0	0.0#

Manual Integrations
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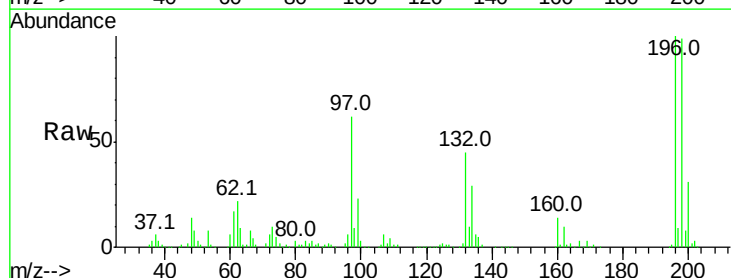


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

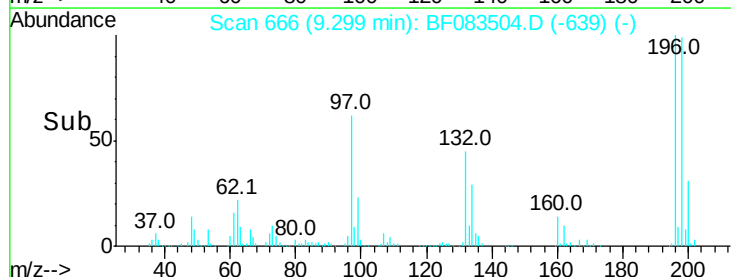
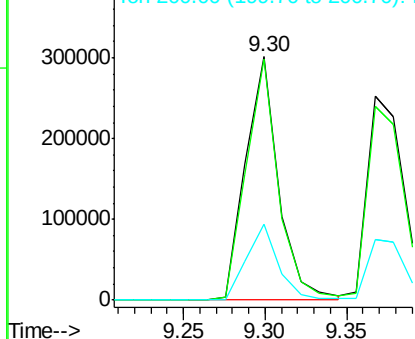


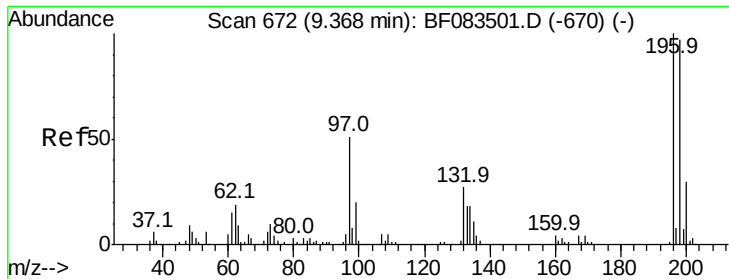
#42
 2,4,6-Trichlorophenol
 Concen: 77.25 ng
 RT: 9.30 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	98.9	75.2	112.8
200	31.3	23.0	34.6



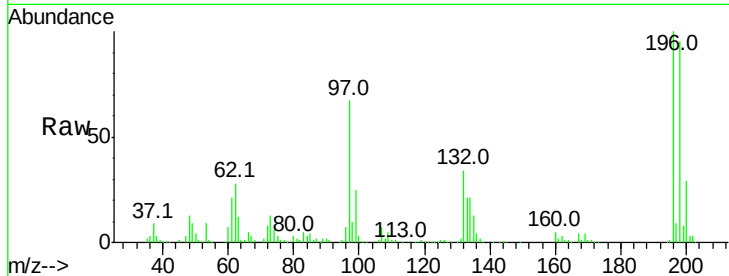
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 76.28 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

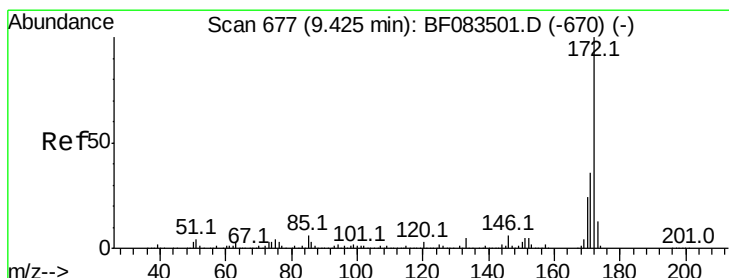
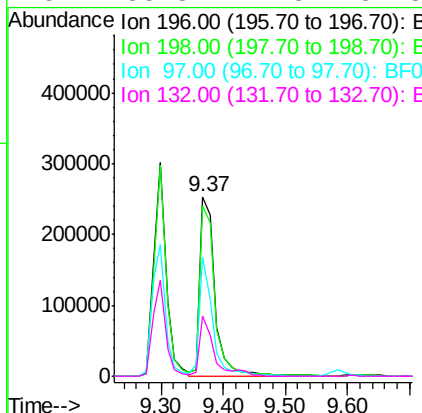
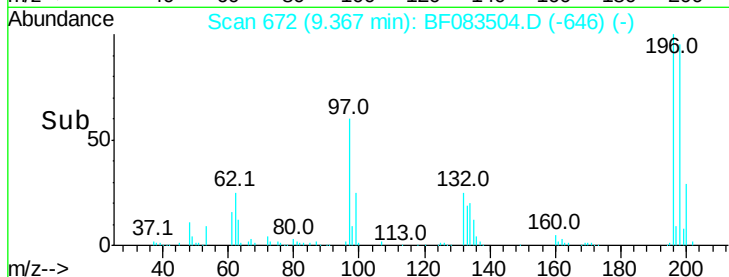
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



Tot Ion	Ratio	Resp	Lower	Upper
196	100	428255		
198	94.7	77.7	116.5	
97	66.5	41.2	61.8#	
132	33.8	21.8	32.8#	

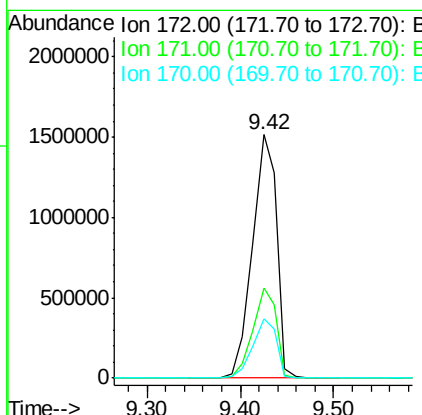
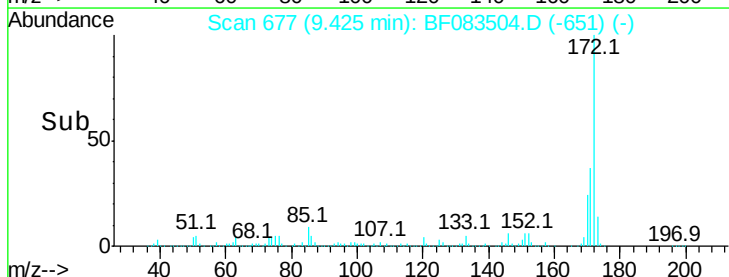
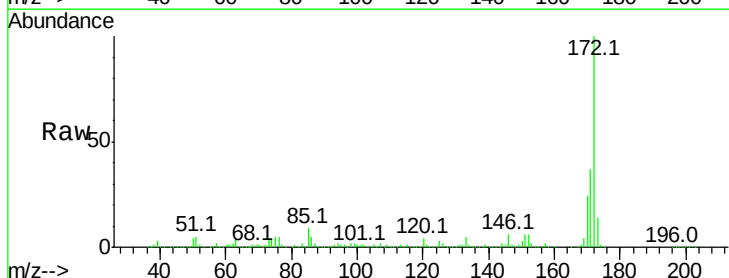
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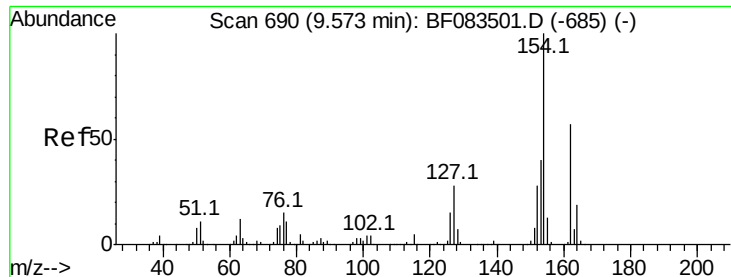
Mmdadoda
 12/7/2015 6:30:45 PM



#44
 2-Fluorobiphenyl
 Concen: 155.40 ng
 RT: 9.42 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2731714		
171	36.7	28.6	42.8	
170	24.5	19.4	29.0	





#45

1,1'-Biphenyl

Concen: 73.69 ng

RT: 9.57 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:154 Resp: 1606864

Ion Ratio Lower Upper

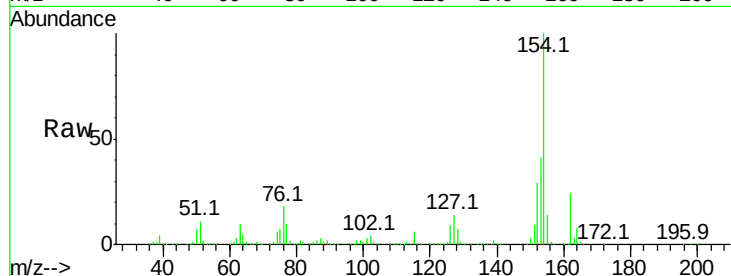
154 100

153 41.0 20.2 60.2

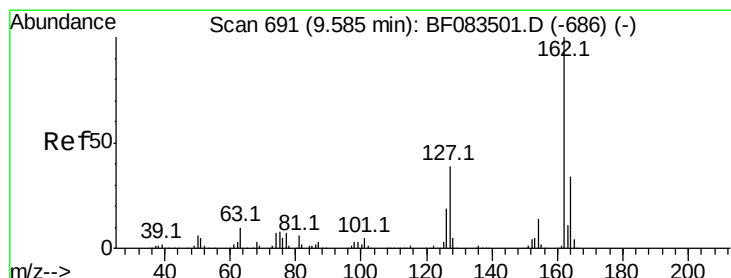
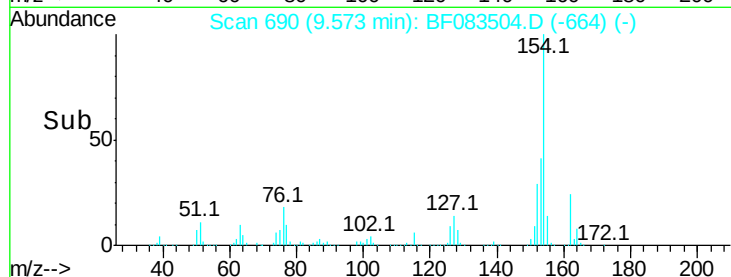
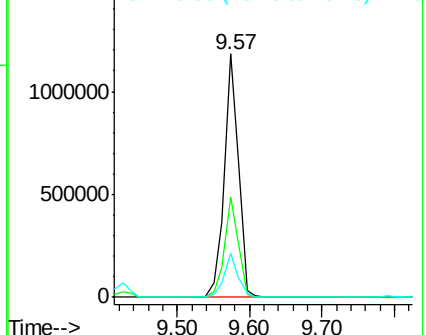
76 17.9 0.0 34.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 77.40 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

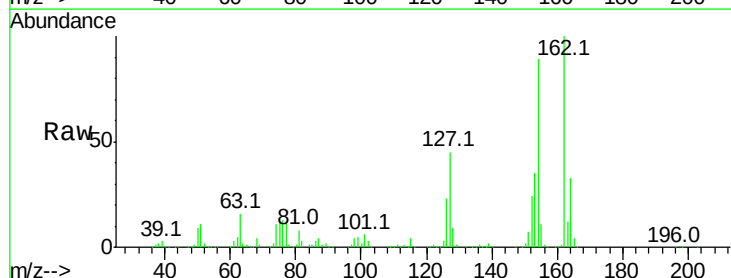
Tgt Ion:162 Resp: 1286870

Ion Ratio Lower Upper

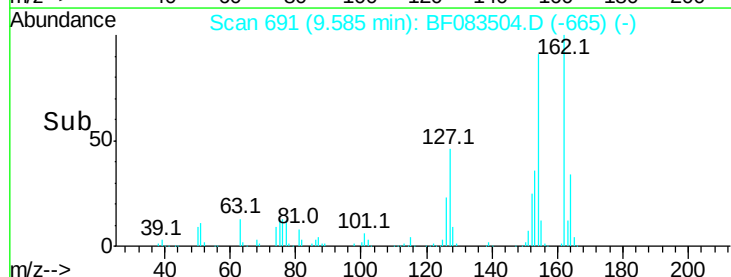
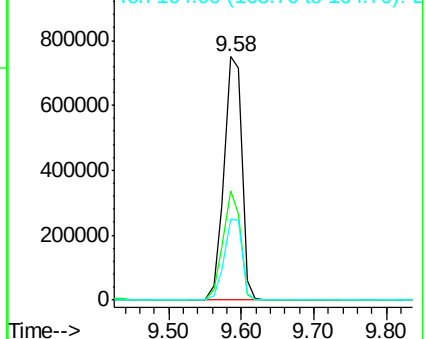
162 100

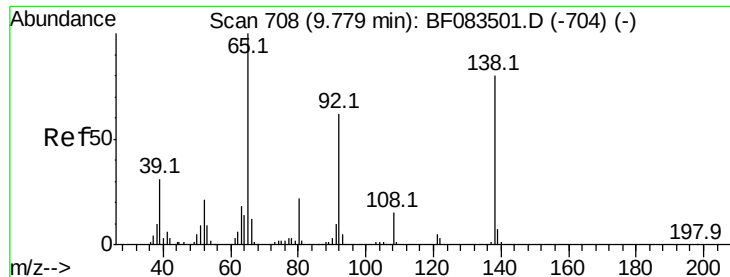
127 44.7 31.0 46.4

164 33.1 27.4 41.0



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





#47

2-Nitroaniline

Concen: 74.63 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

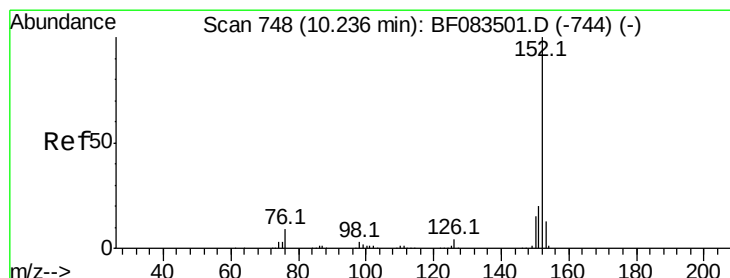
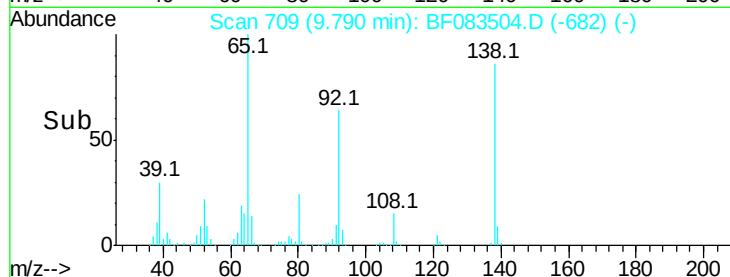
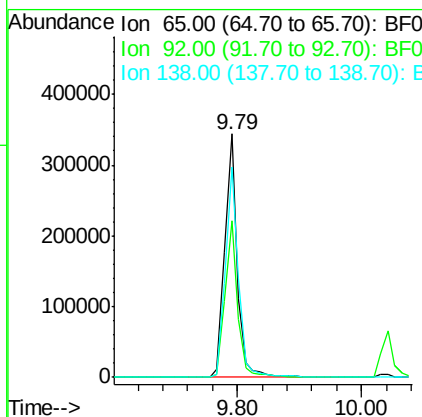
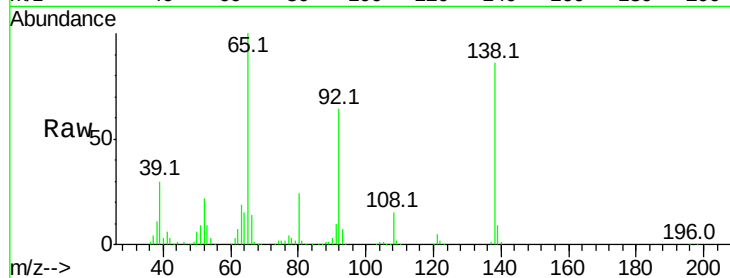
ClientSampleId :

SSTDICC080

Tot Ion:	65	Resp:	479750
Ion Ratio	Lower	Upper	
65	100		
92	64.4	49.6	74.4
138	86.1	64.1	96.1

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#48

Acenaphthylene

Concen: 79.38 ng

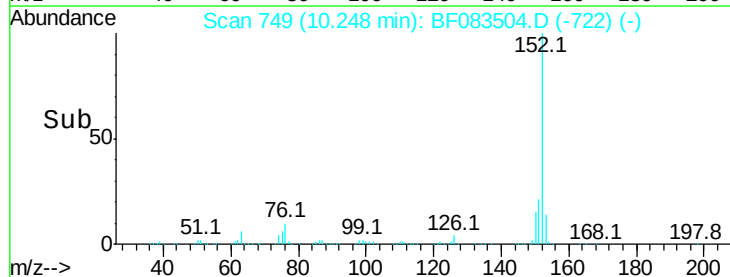
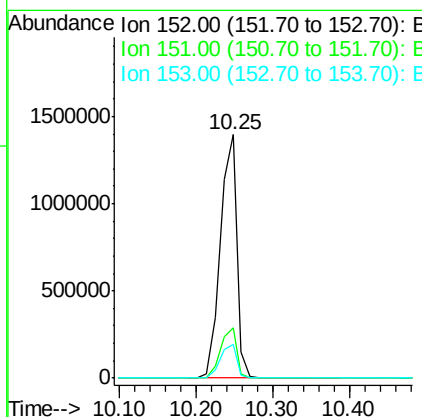
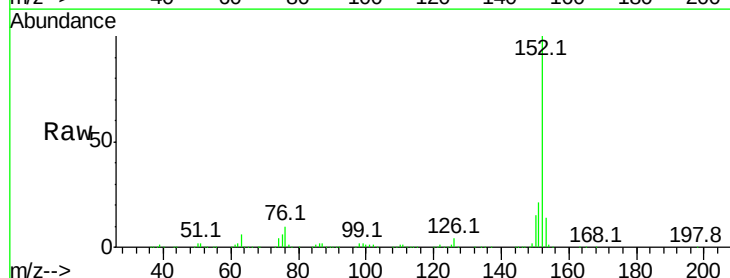
RT: 10.25 min Scan# 749

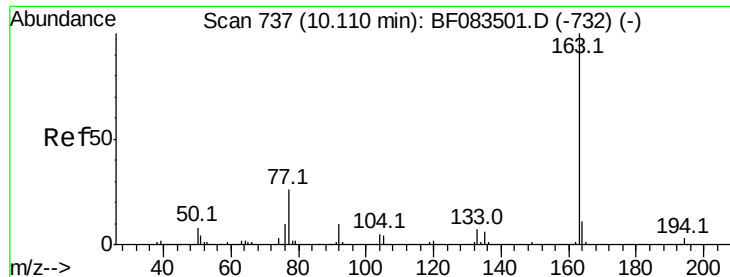
Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Tgt Ion:	152	Resp:	2114404
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.8	10.8	16.2





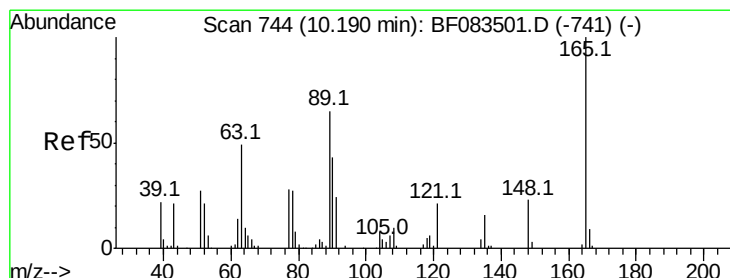
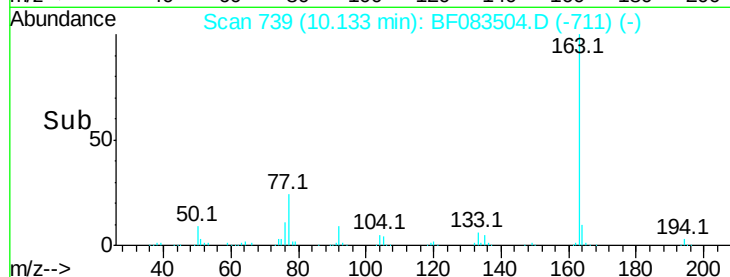
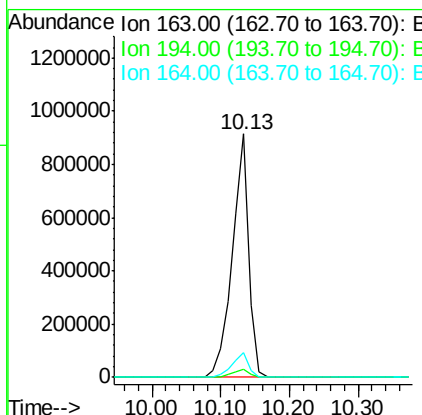
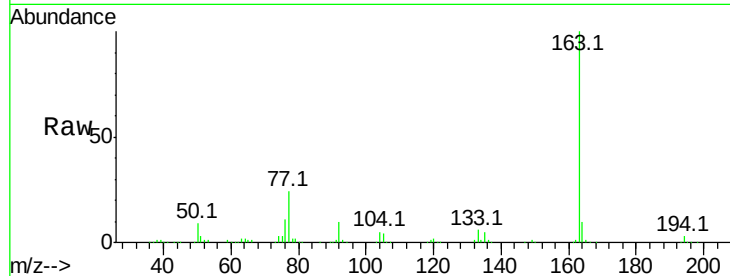
#49
Dimethylphthalate
Concen: 76.03 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.02 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:163 Resp: 1541610
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.3 8.6 13.0

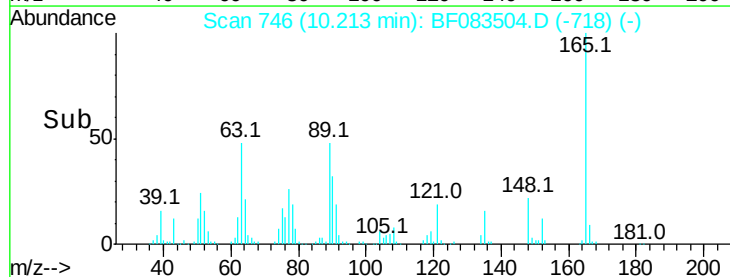
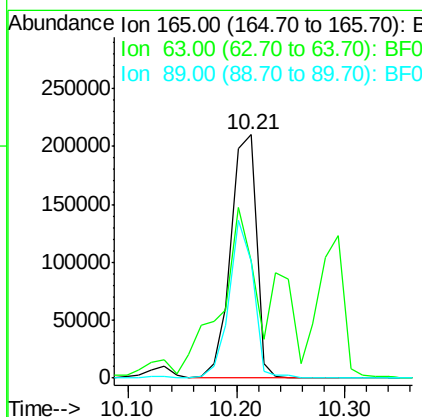
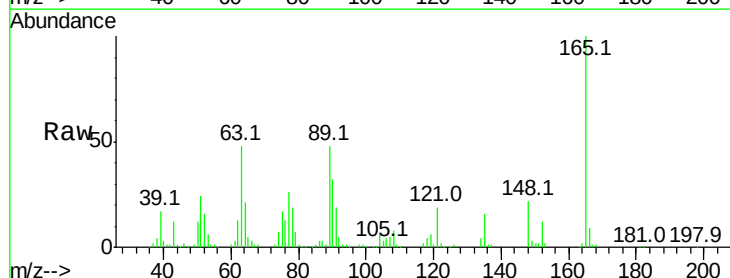
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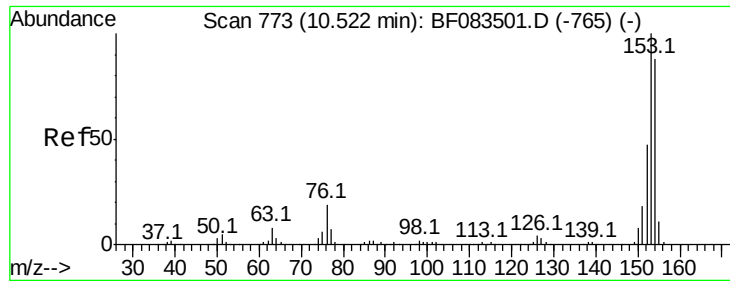
Mmdadoda
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#50
2,6-Dinitrotoluene
Concen: 80.07 ng
RT: 10.21 min Scan# 746
Delta R.T. 0.02 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tgt Ion:165 Resp: 342400
Ion Ratio Lower Upper
165 100
63 48.3 56.9 85.3#
89 48.0 52.1 78.1#





#51

Acenaphthene

Concen: 77.90 ng

RT: 10.52 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:154 Resp: 1214806

Ion Ratio Lower Upper

154 100

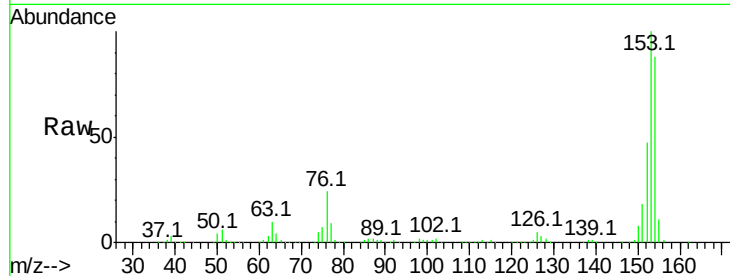
153 113.3 91.4 137.0

152 53.6 43.4 65.2

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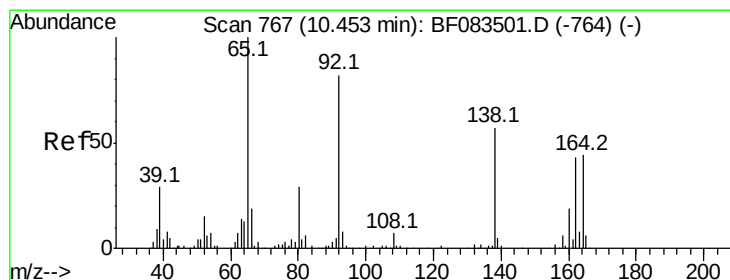
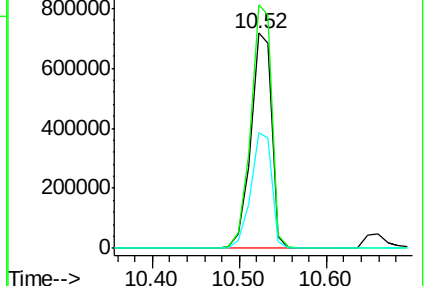
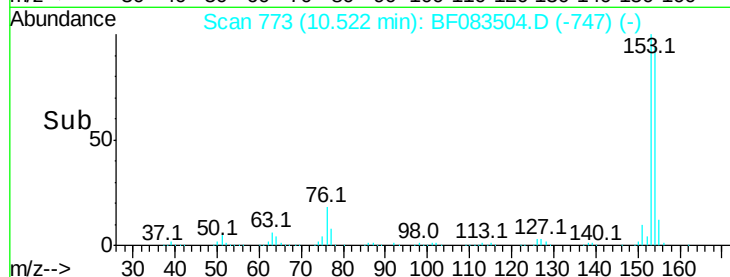
12/7/2015 6:30:45 PM



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: 77.56 ng

RT: 10.48 min Scan# 769

Delta R.T. 0.02 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

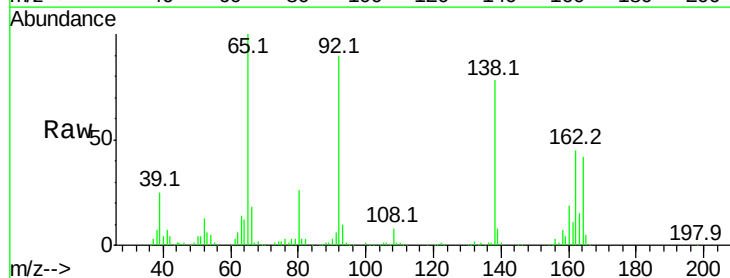
Tgt Ion:138 Resp: 379745

Ion Ratio Lower Upper

138 100

108 10.6 9.9 14.9

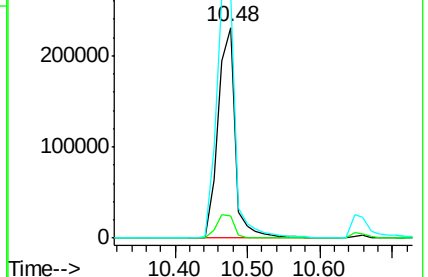
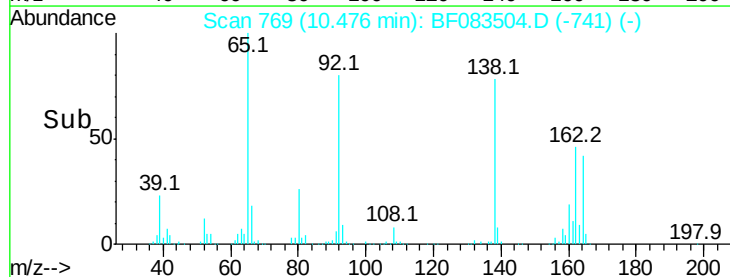
92 115.6 113.8 170.8

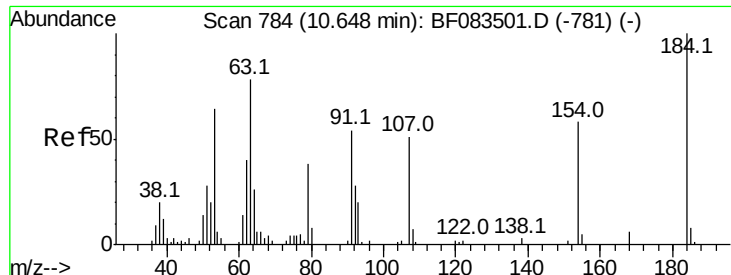


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





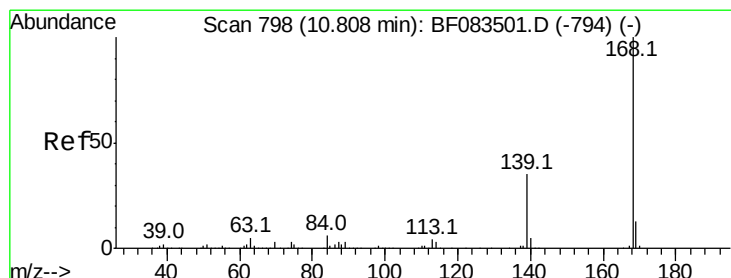
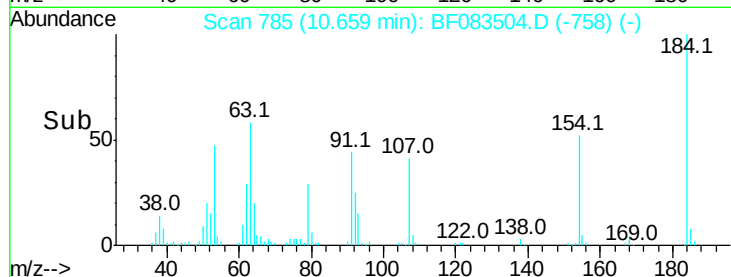
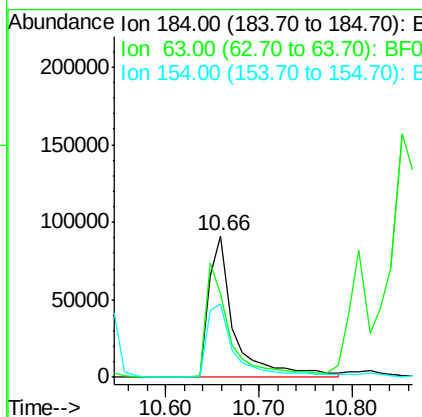
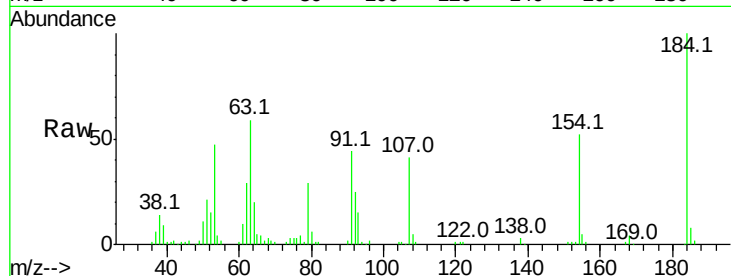
#53
 2,4-Dinitrophenol
 Concen: 80.38 ng
 RT: 10.66 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.7	62.4	93.6#
154	51.9	46.6	69.8

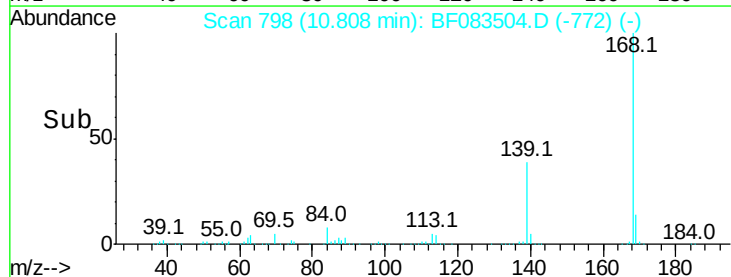
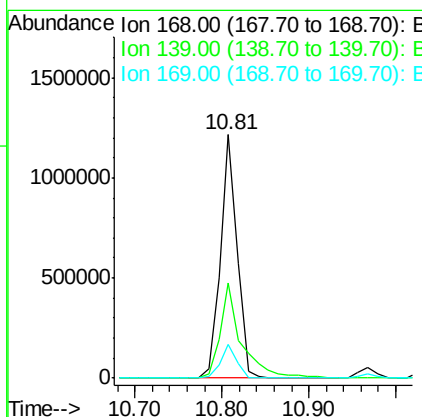
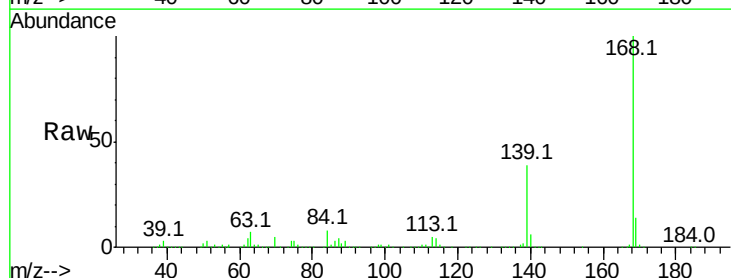
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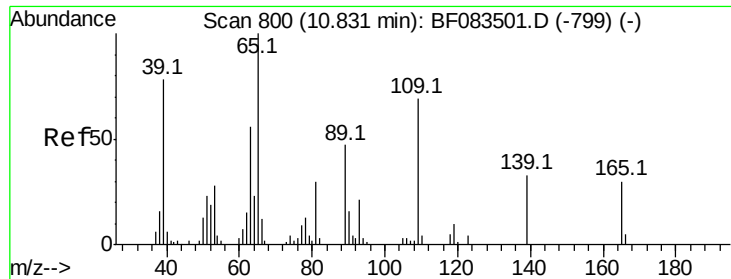
Mmdadoda
 12/7/2015 6:30:45 PM



#54
 Dibenzofuran
 Concen: 72.02 ng
 RT: 10.81 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	28.0	42.0
169	13.7	10.8	16.2





#55

4-Nitrophenol

Concen: 74.10 ng/mL

RT: 10.82 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:139 Resp: 224381

Ion Ratio Lower Upper

139 100

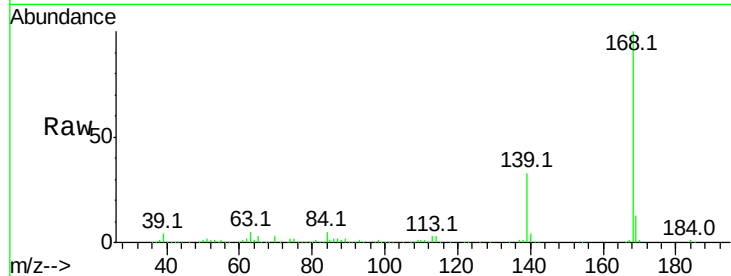
109 3.5 42.0 82.0#

65 9.8 89.2 129.2#

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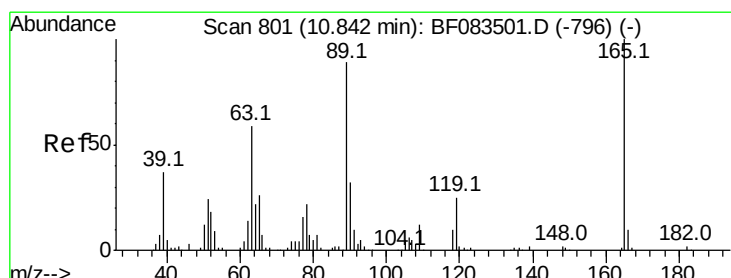
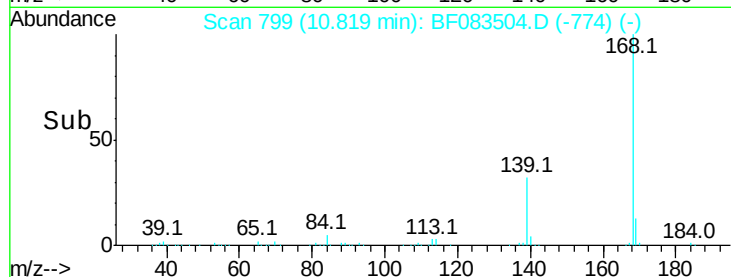
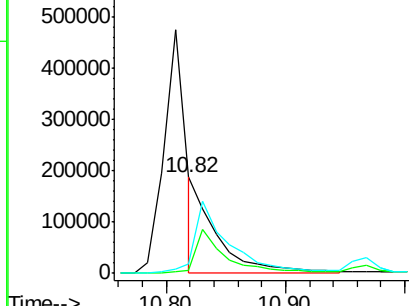
12/7/2015 6:30:45 PM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 84.39 ng

RT: 10.86 min Scan# 803

Delta R.T. 0.02 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Tgt Ion:165 Resp: 461112

Ion Ratio Lower Upper

165 100

63 42.7 51.4 77.2#

89 68.2 72.6 108.8#

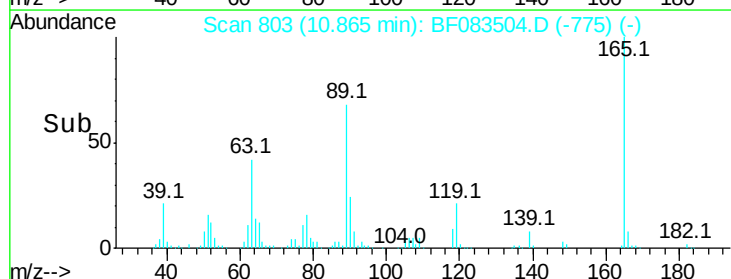
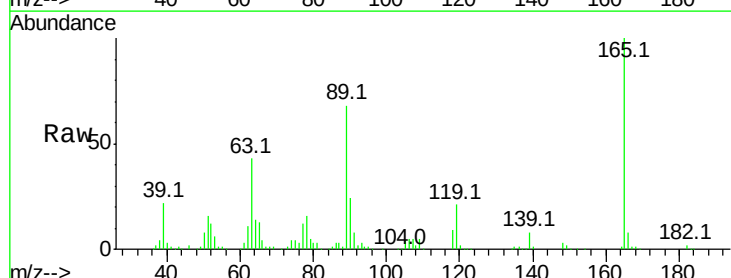
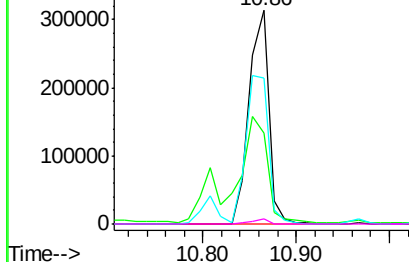
182 2.1 1.4 2.0#

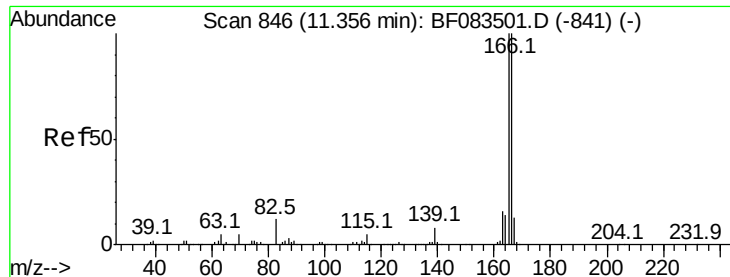
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





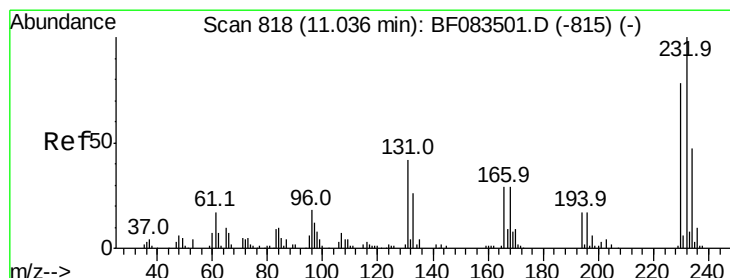
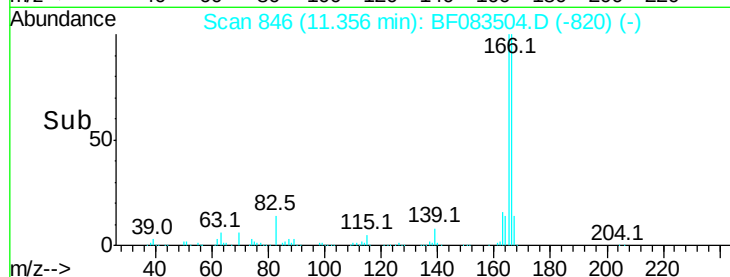
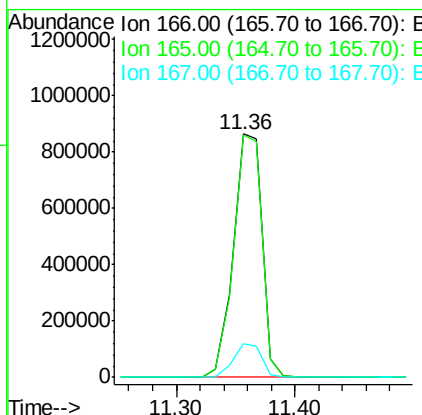
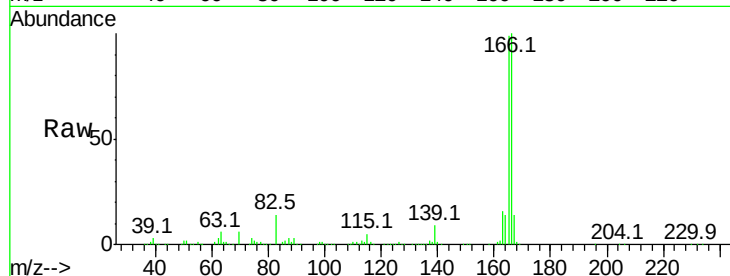
#57
 Fluorene
 Concen: 79.50 ng
 RT: 11.36 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.0	120.0
167	13.8	10.6	16.0

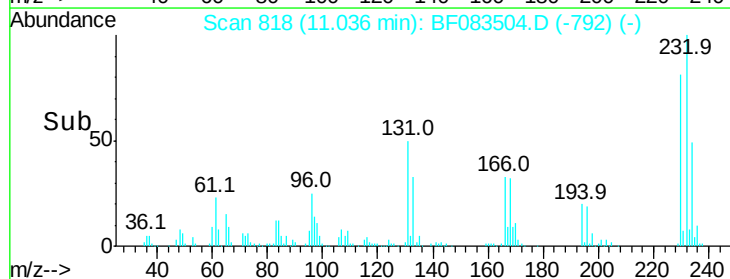
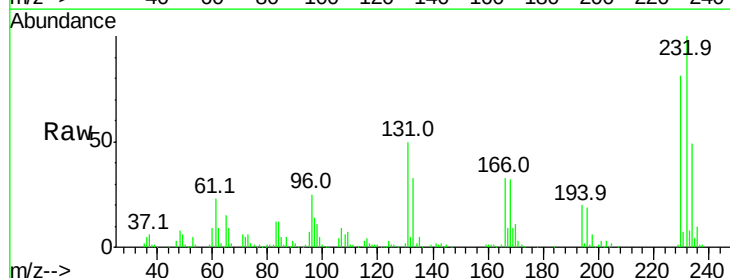
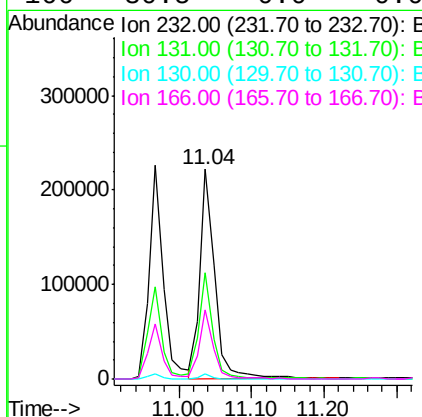
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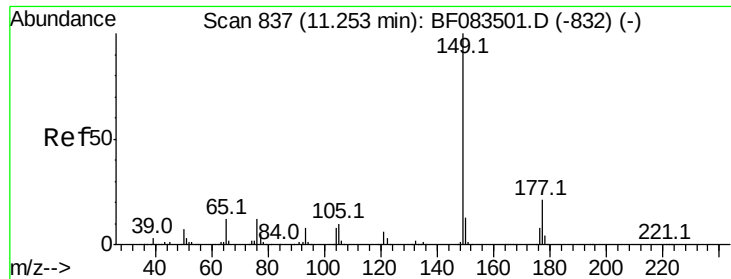
Mmdadoda
 12/7/2015 6:30:45 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 70.08 ng
 RT: 11.04 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.4	0.0	0.0#
130	2.1	0.0	0.0#
166	30.5	0.0	0.0#





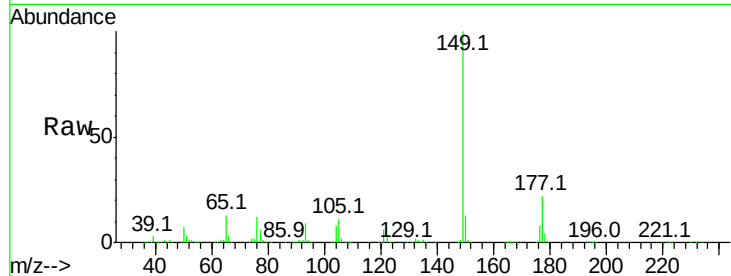
#59
Diethylphthalate
Concen: 76.53 ng
RT: 11.26 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

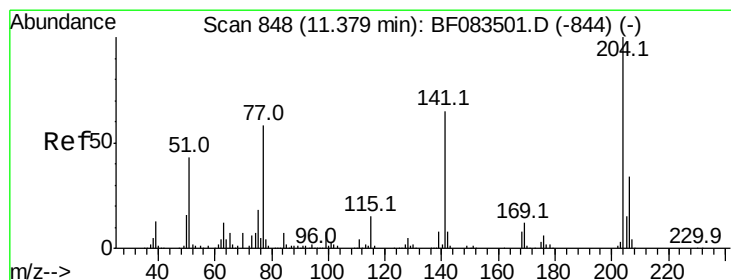
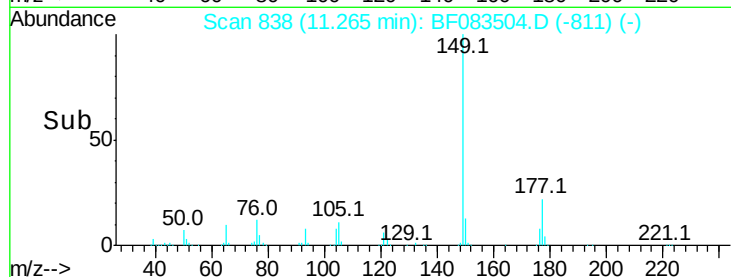
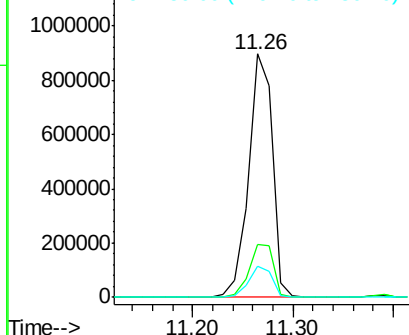
Tot Ion:149 Resp: 1469894
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 13.0 10.2 15.4

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Mmdadoda
12/7/2015 6:30:45 PM

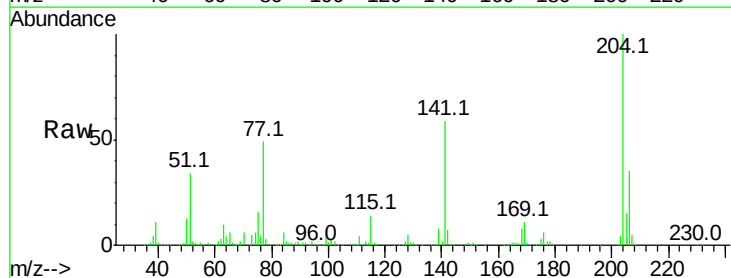


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

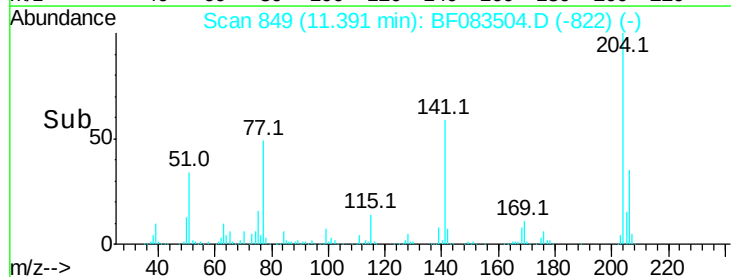
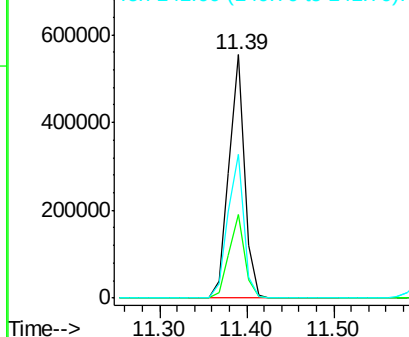


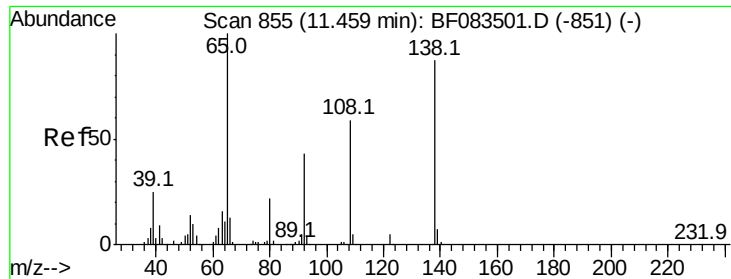
#60
4-Chlorophenyl-phenylether
Concen: 82.98 ng
RT: 11.39 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tgt Ion:204 Resp: 693540
Ion Ratio Lower Upper
204 100
206 34.6 27.3 40.9
141 59.1 51.9 77.9



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





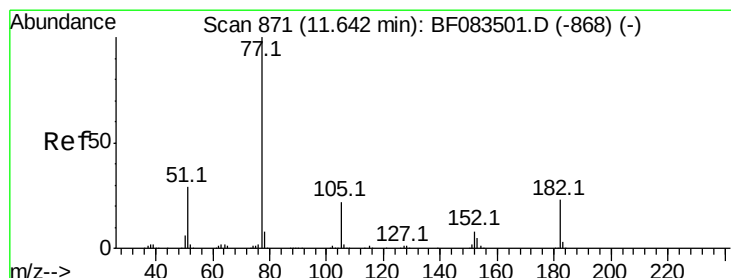
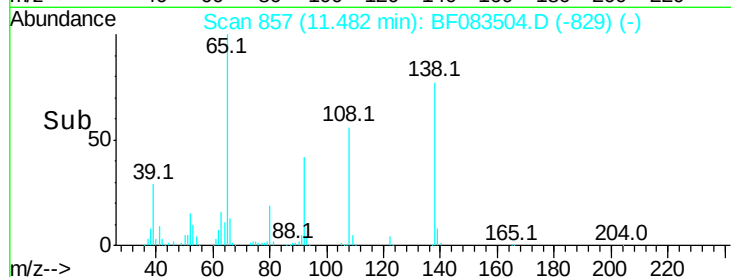
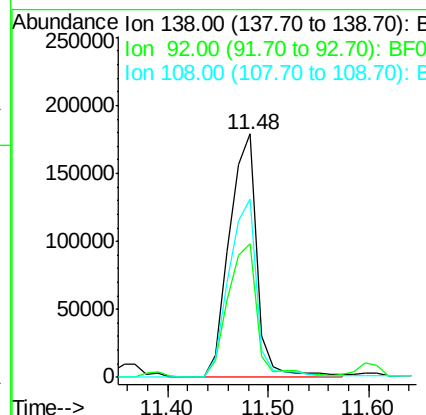
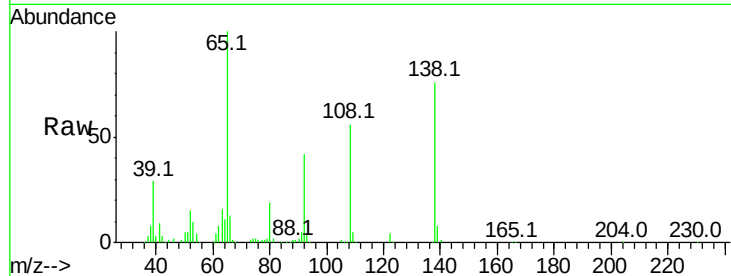
#61
4-Nitroaniline
Concen: 70.51 ng
RT: 11.48 min Scan# 857
Delta R.T. 0.02 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.1	29.0	69.0
108	73.1	47.4	87.4

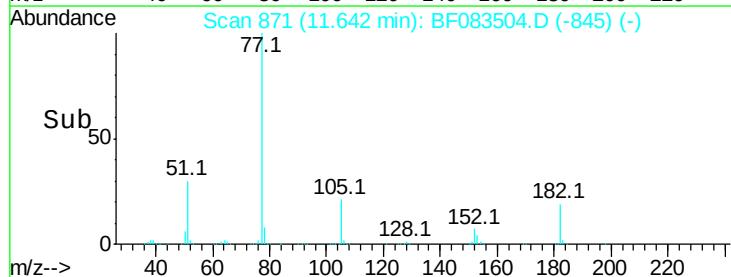
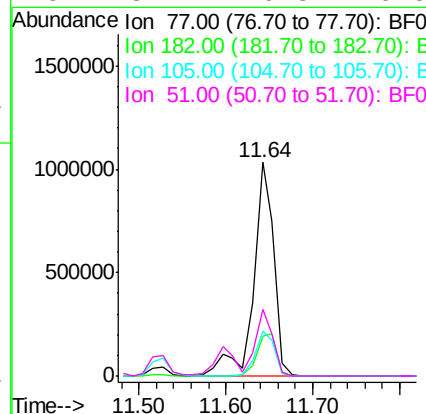
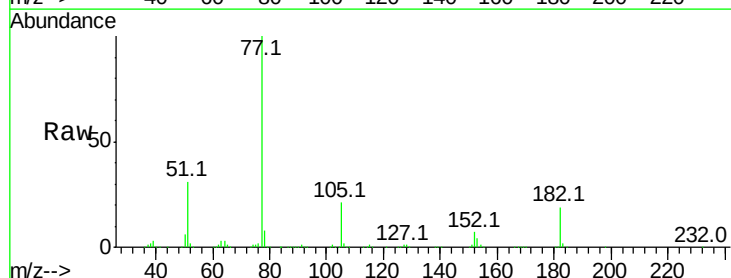
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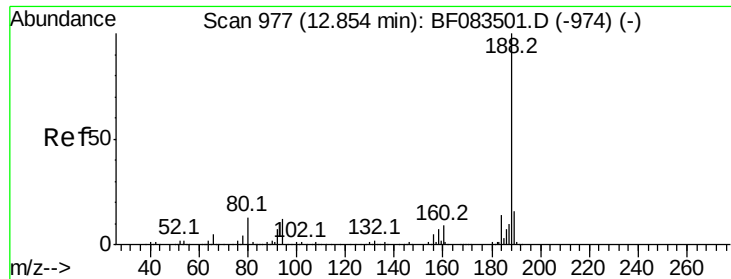
Mmdadoda
12/7/2015 6:30:45 PM



#62
Azobenzene
Concen: 75.13 ng
RT: 11.64 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.5	2.5	42.5
105	21.3	2.1	42.1
51	31.1	9.3	49.3





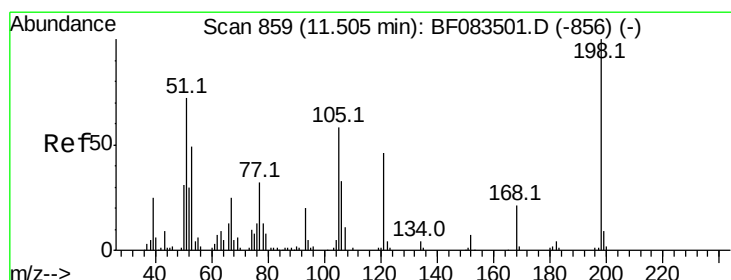
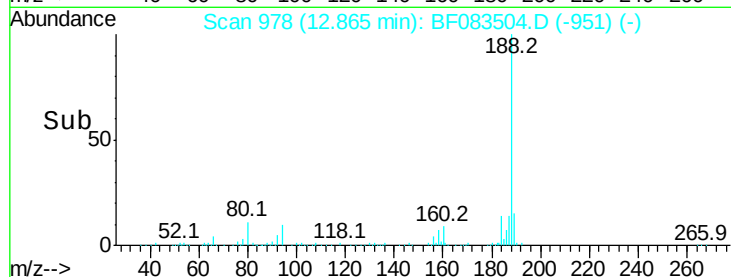
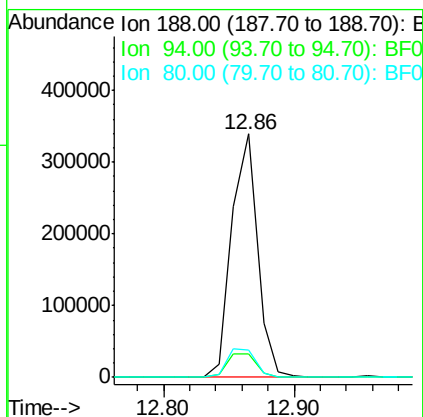
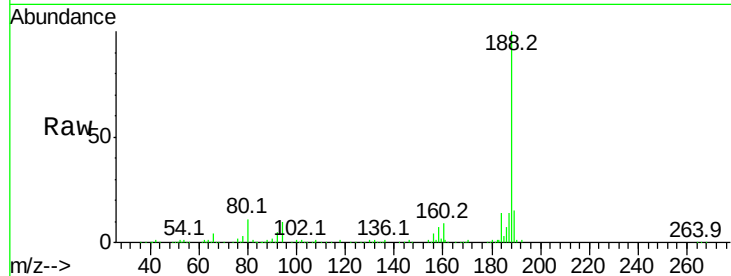
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.86 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
188	100	468681		
94	9.7		9.4	14.2
80	11.0		10.6	16.0

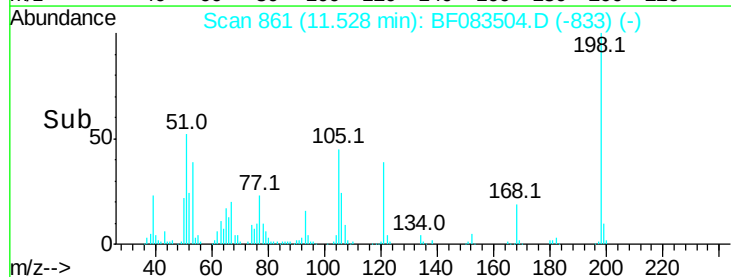
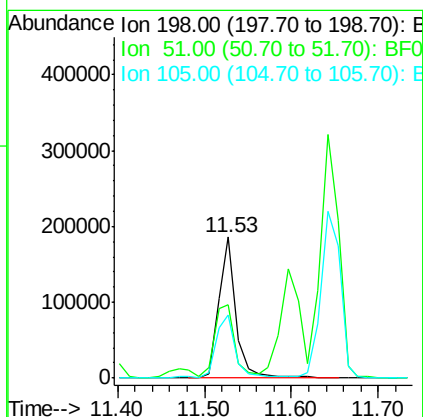
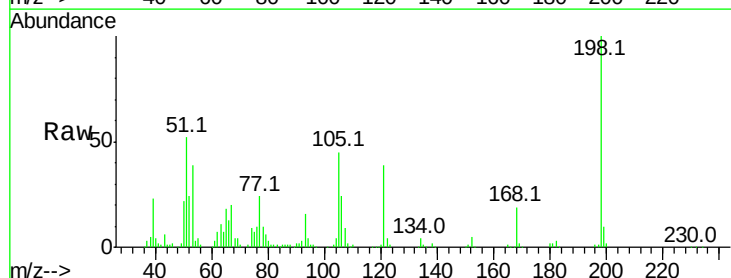
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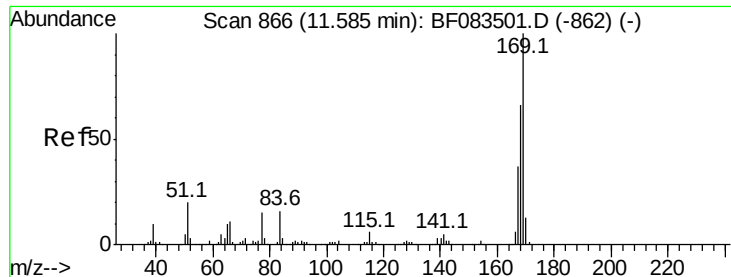
Mmdadoda
12/7/2015 6:30:45 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 84.01 ng
RT: 11.53 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	260116		
51	51.8		53.8	93.8#
105	45.2		38.6	78.6





#65

n-Nitrosodiphenylamine

Concen: 72.68 ng

RT: 11.61 min Scan# 868

Delta R.T. 0.02 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:169 Resp: 1187790

Ion Ratio Lower Upper

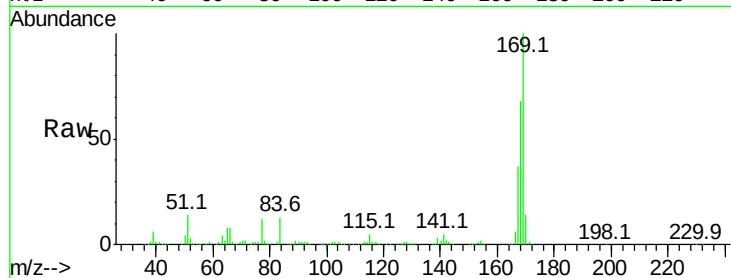
169 100

168 67.8 53.0 79.6

167 37.2 29.3 43.9

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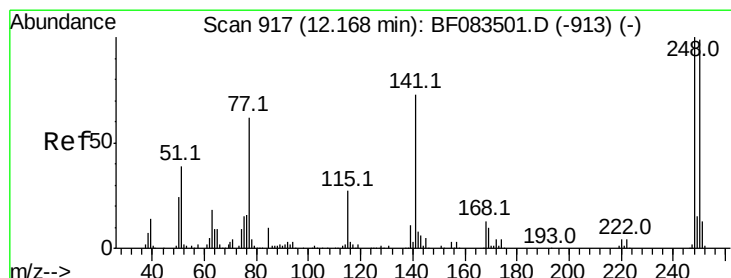
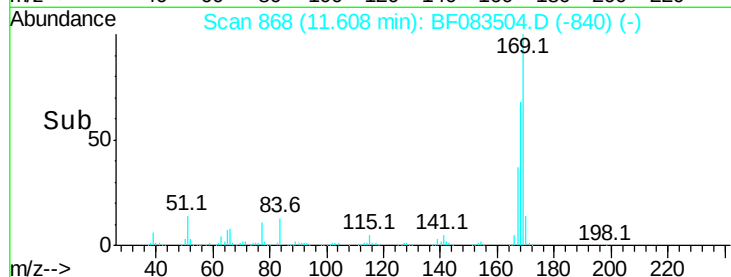
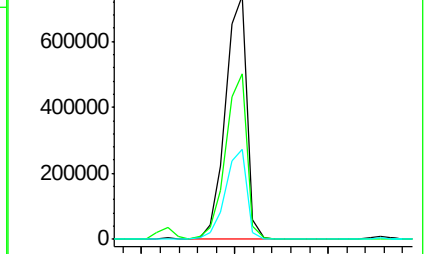
Mmdadoda
12/7/2015 6:30:45 PM



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: 78.04 ng

RT: 12.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

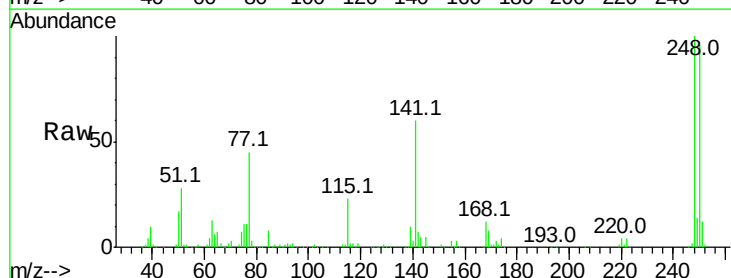
Tgt Ion:248 Resp: 401218

Ion Ratio Lower Upper

248 100

250 96.1 79.2 118.8

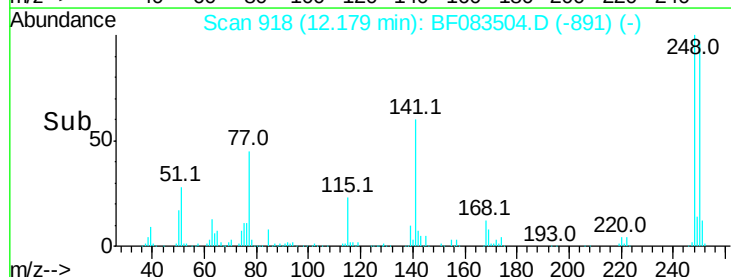
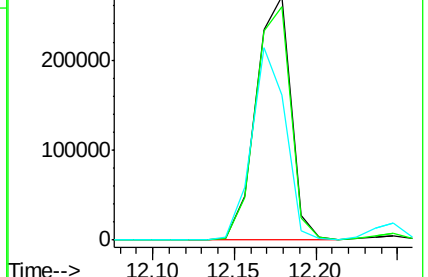
141 59.6 58.2 87.4

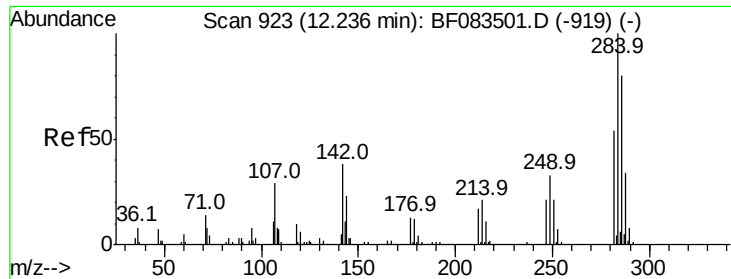


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 74.27 ng

RT: 12.25 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

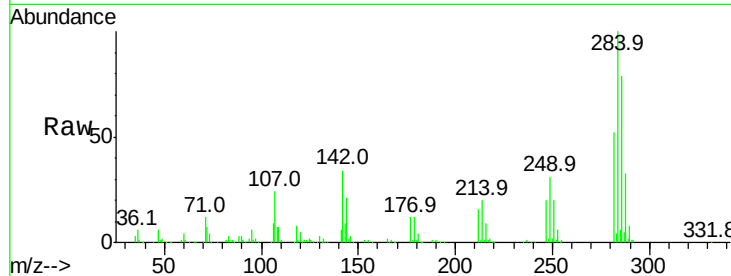
ClientSampleId :

SSTDIC080

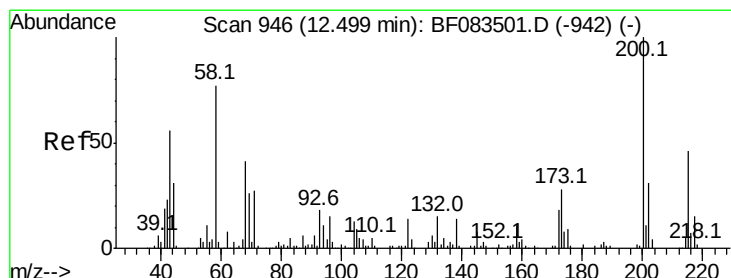
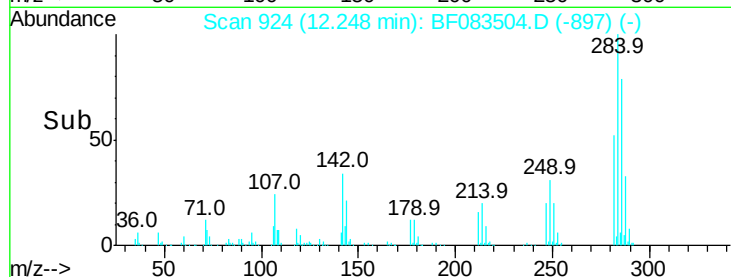
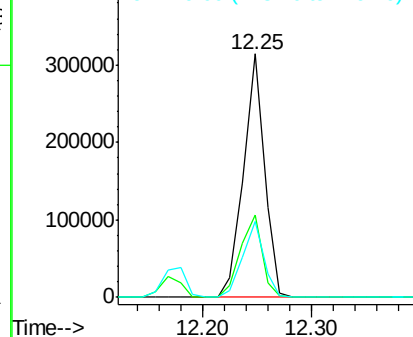
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.1	31.0	46.4	
249	31.2	26.9	40.3	

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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: 80.34 ng

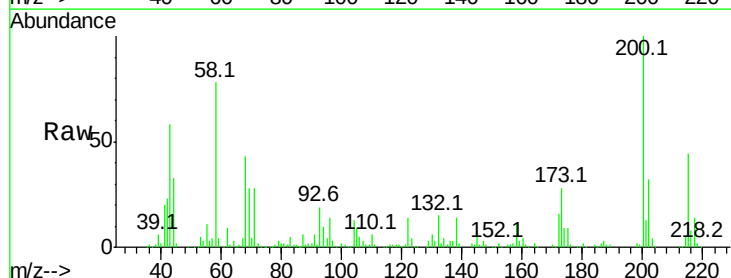
RT: 12.51 min Scan# 947

Delta R.T. 0.01 min

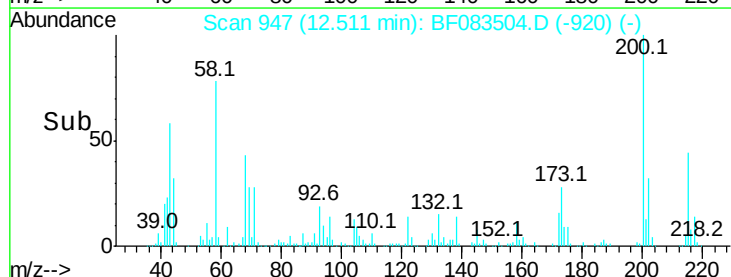
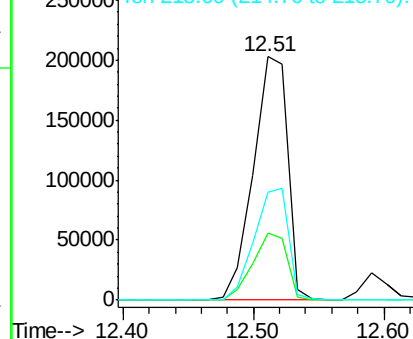
Lab File: BF083504.D

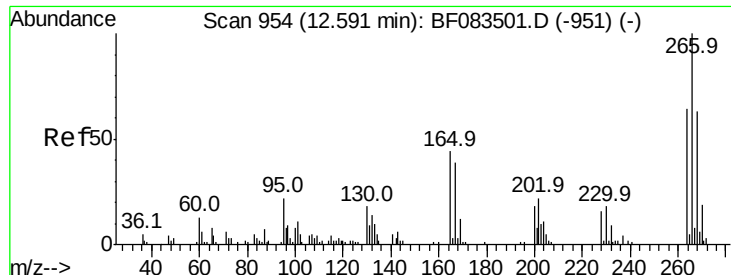
Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.6	7.8	47.8	
215	44.3	25.7	65.7	



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





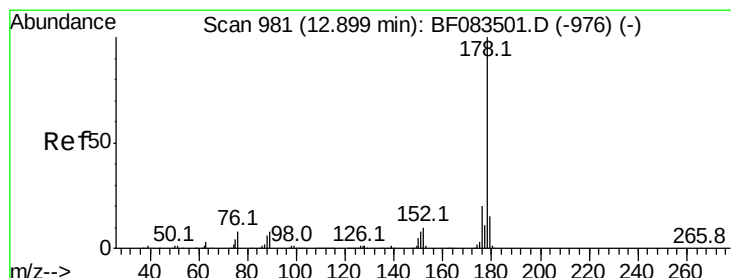
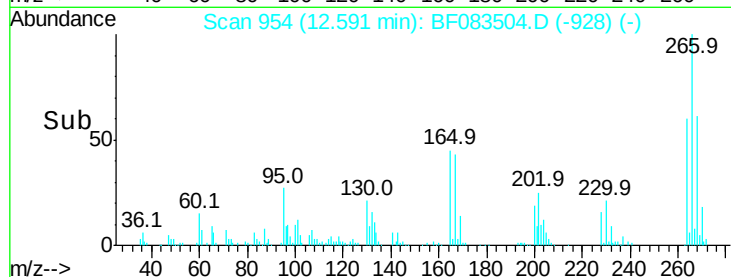
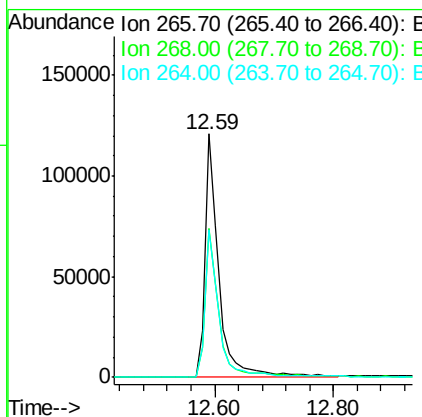
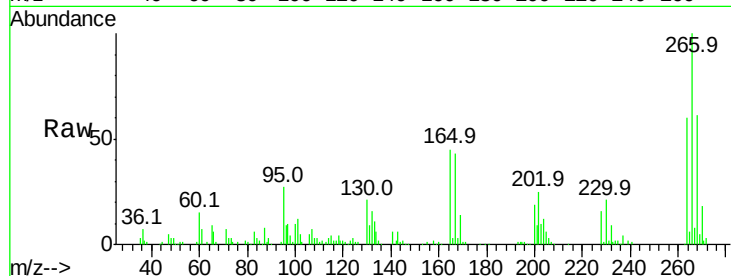
#69
 Pentachlorophenol
 Concen: 69.75 ng
 RT: 12.59 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
266	100	199582		
268	61.4	50.2	75.2	
264	60.4	51.4	77.2	

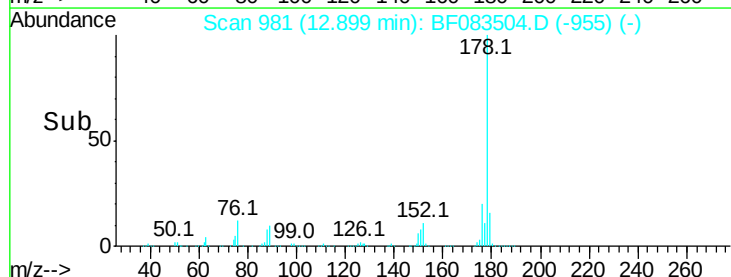
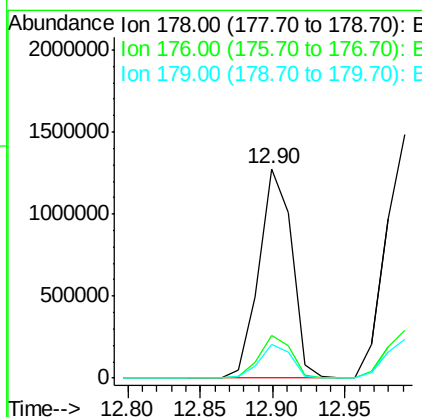
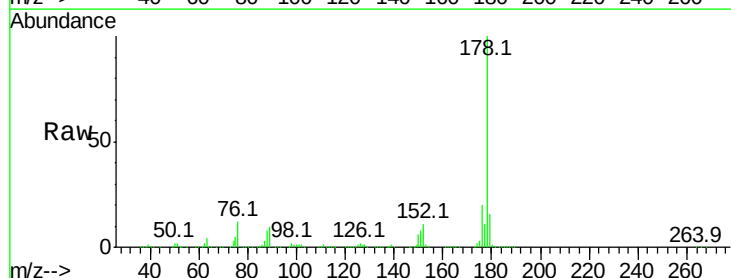
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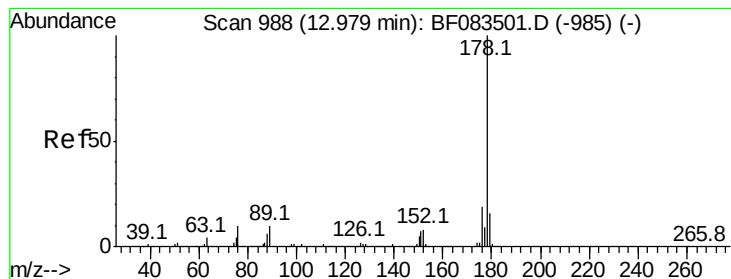
Mmdadoda
 12/7/2015 6:30:45 PM



#70
 Phenanthrene
 Concen: 72.09 ng
 RT: 12.90 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2002441		
176	20.3	15.7	23.5	
179	16.0	12.2	18.4	





#71

Anthracene

Concen: 74.35 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 2086366

Ion Ratio Lower Upper

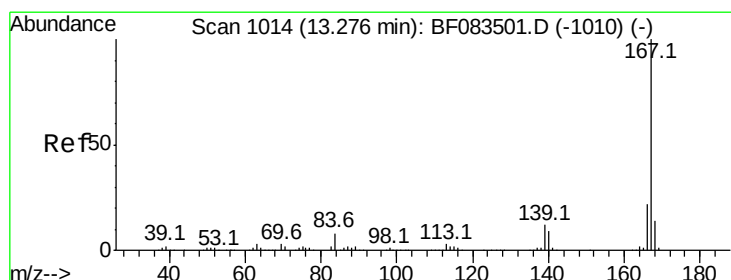
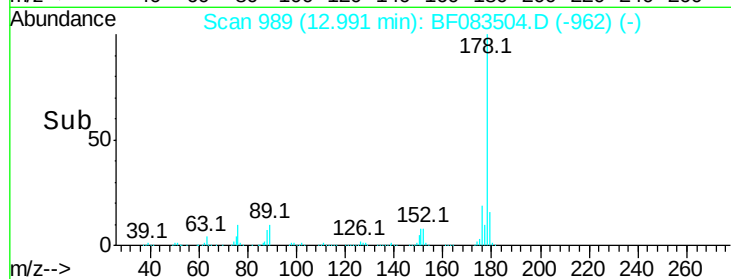
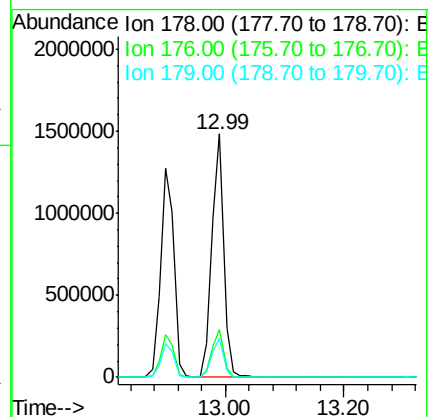
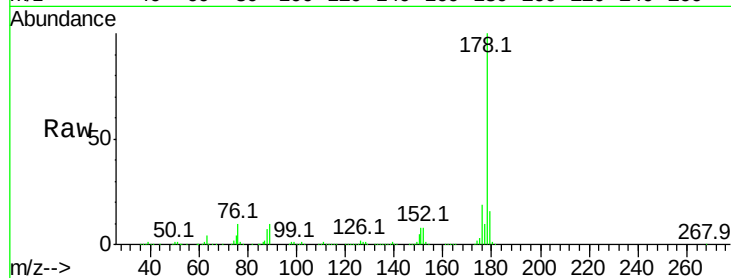
178 100

176 19.4 15.2 22.8

179 16.1 12.6 18.8

Manual Integrations
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12/7/2015 6:30:45 PM



#72

Carbazole

Concen: 71.66 ng

RT: 13.28 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

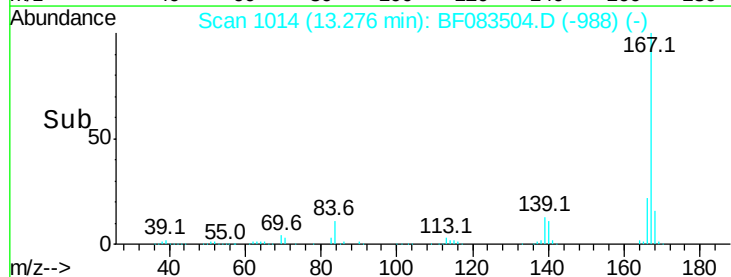
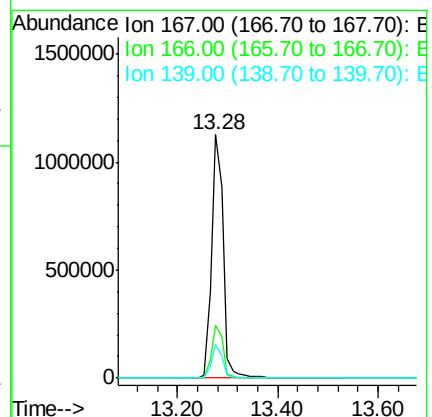
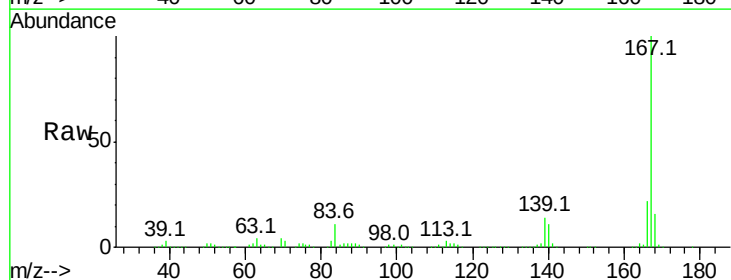
Tgt Ion:167 Resp: 1797169

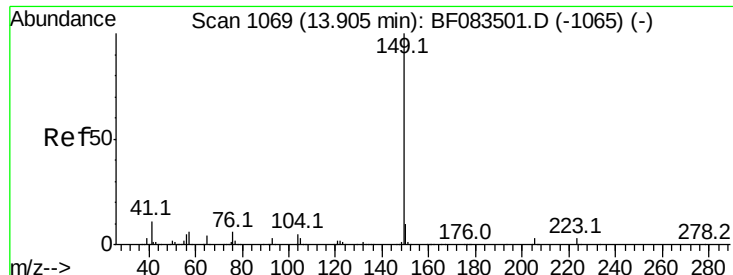
Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.9 9.3 13.9#





#73

Di-n-butylphthalate

Concen: 74.76 ng

RT: 13.92 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2235778

Ion Ratio Lower Upper

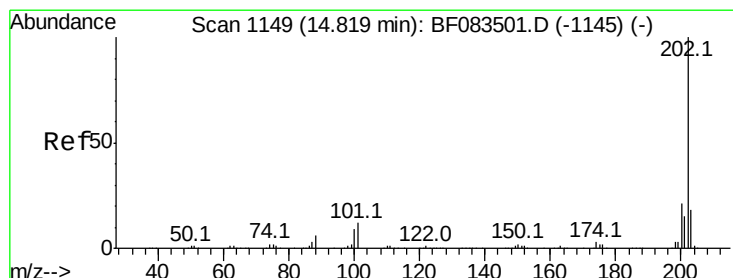
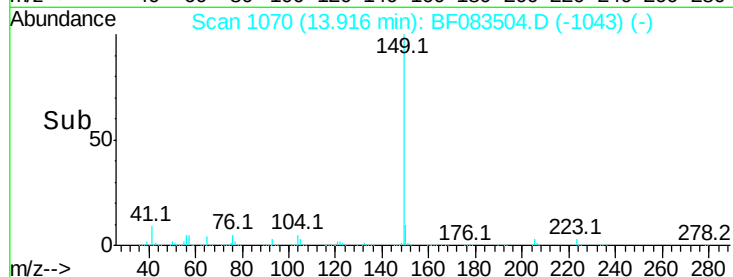
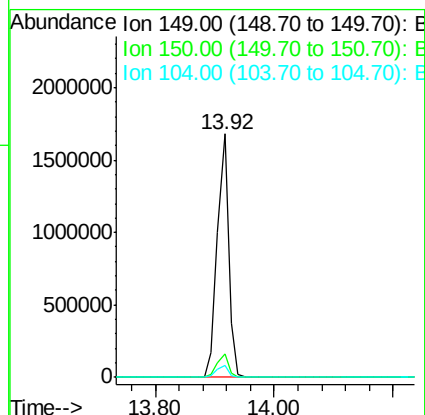
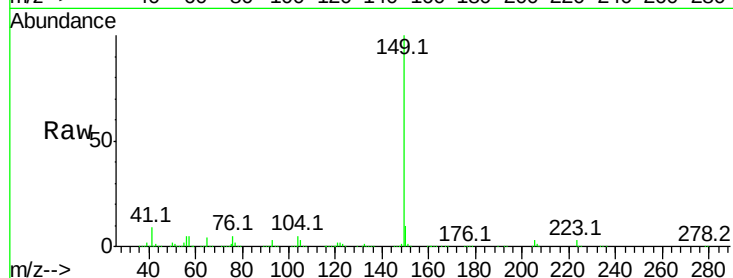
149 100

150 9.8 7.8 11.6

104 5.1 3.9 5.9

Manual Integrations
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Mmdadoda
12/7/2015 6:30:45 PM



#74

Fluoranthene

Concen: 70.35 ng

RT: 14.82 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

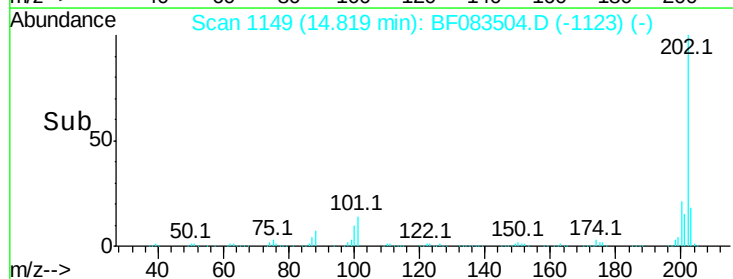
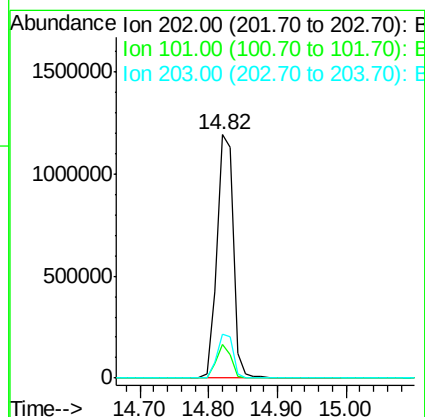
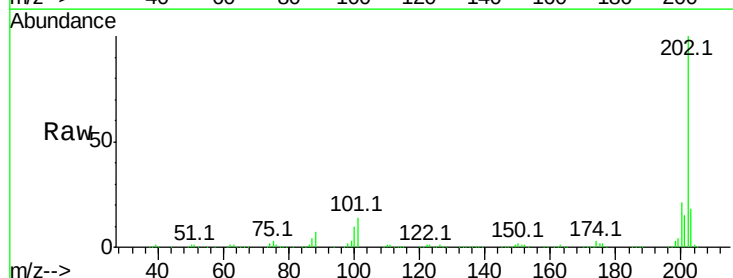
Tgt Ion:202 Resp: 2021081

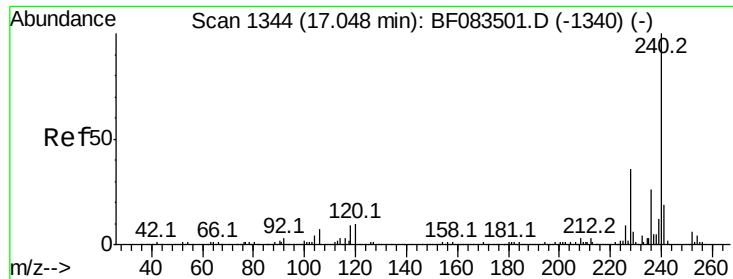
Ion Ratio Lower Upper

202 100

101 13.9 0.0 31.5

203 18.1 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.05 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

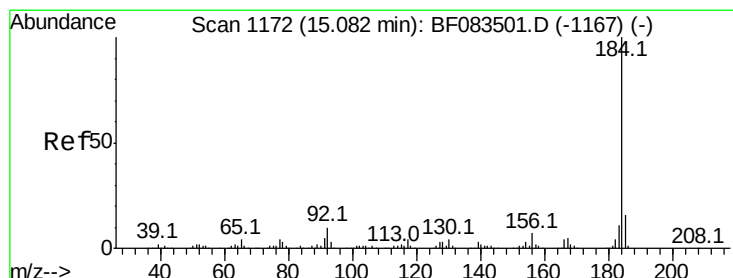
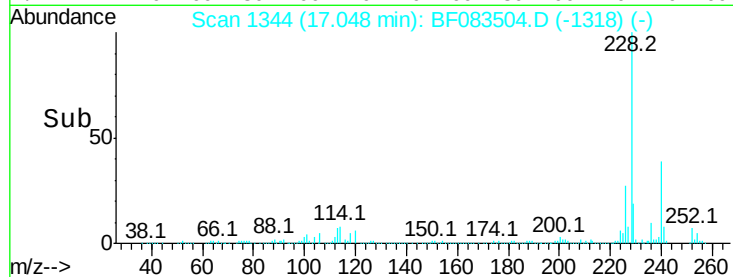
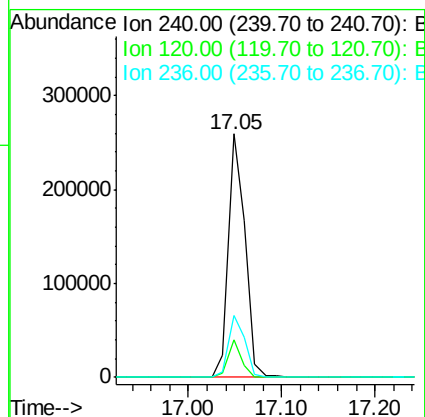
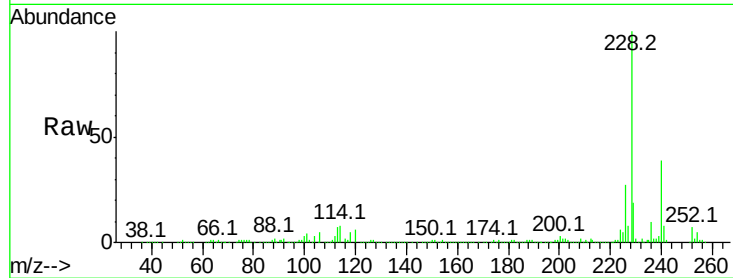
ClientSampleId :

SSTDIC080

Tot Ion:	240	Resp:	322549
Ion Ratio	Lower	Upper	
240	100		
120	15.4	8.1	12.1#
236	25.4	20.8	31.2

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#76

Benzidine

Concen: 92.17 ng

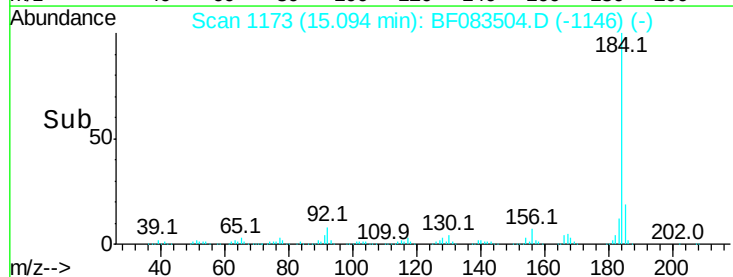
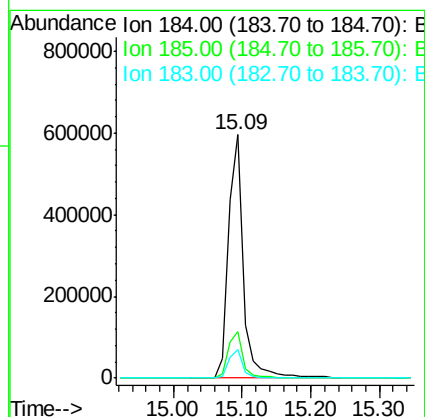
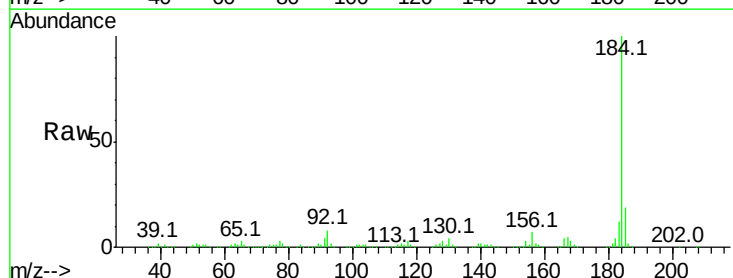
RT: 15.09 min Scan# 1173

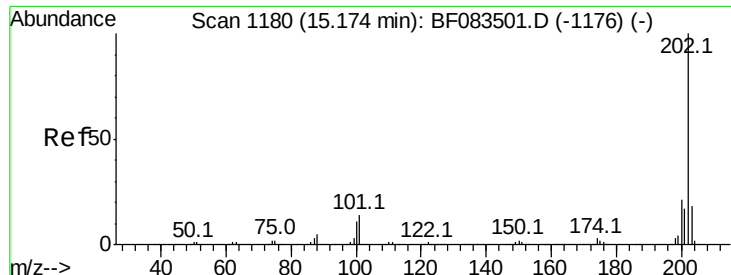
Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Tgt Ion:	184	Resp:	920455
Ion Ratio	Lower	Upper	
184	100		
185	19.2	13.0	19.6
183	11.7	9.0	13.4





#77

Pvrene

Concen: 87.70 ng

RT: 15.19 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:202 Resp: 2013874

Ion Ratio Lower Upper

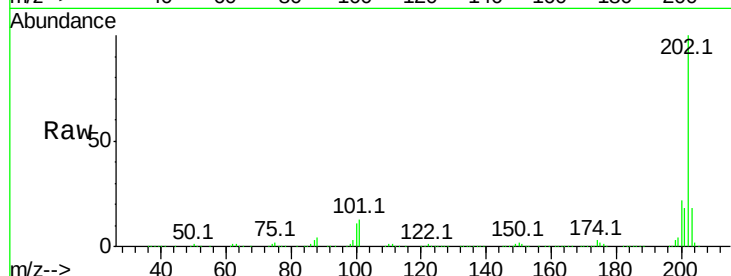
202 100

200 22.3 16.7 25.1

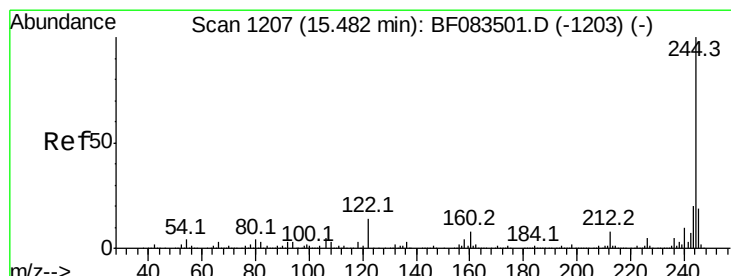
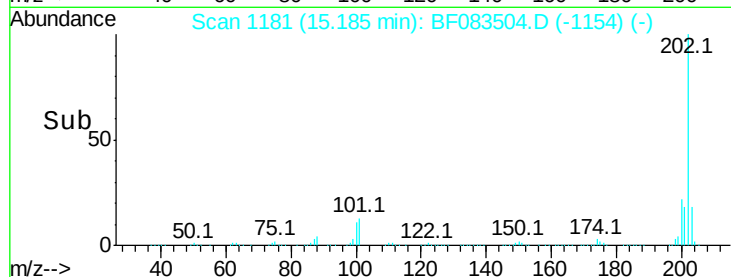
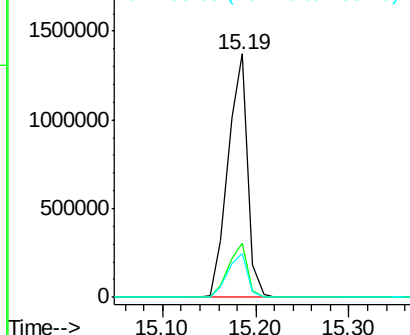
203 18.3 14.3 21.5

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



#78

Terphenyl-d14

Concen: 168.49 ng

RT: 15.49 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

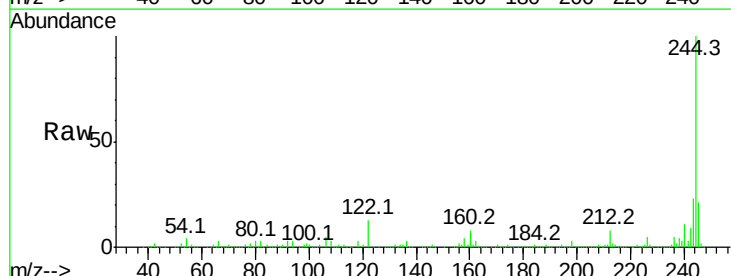
Tgt Ion:244 Resp: 2333678

Ion Ratio Lower Upper

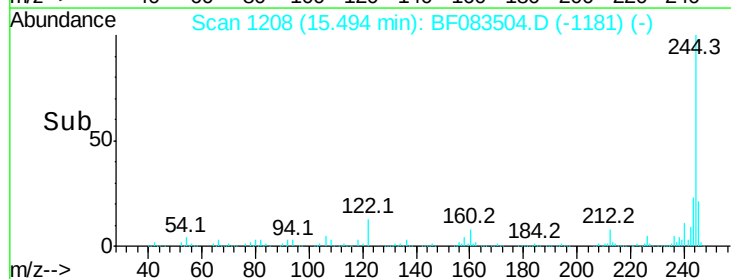
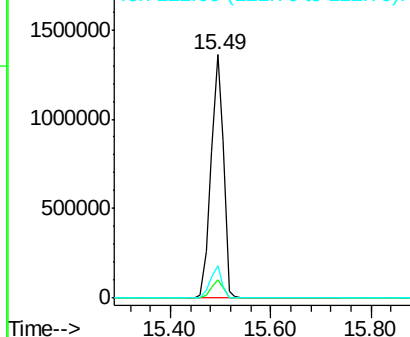
244 100

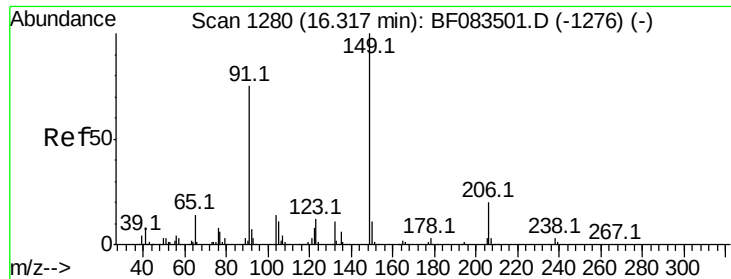
212 7.7 6.1 9.1

122 13.4 11.0 16.6



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





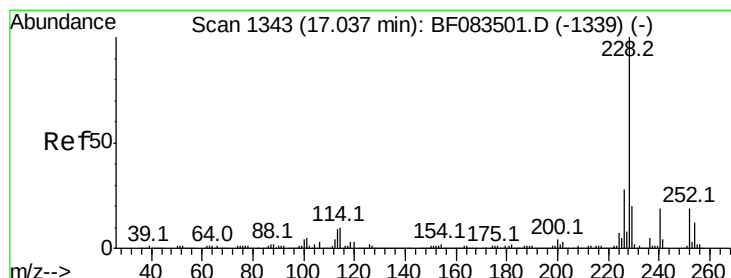
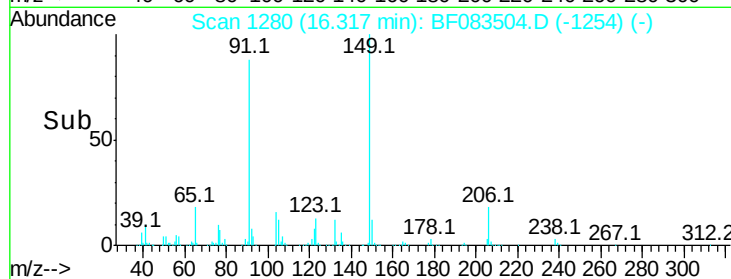
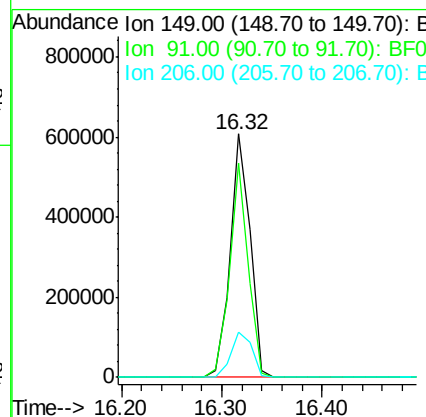
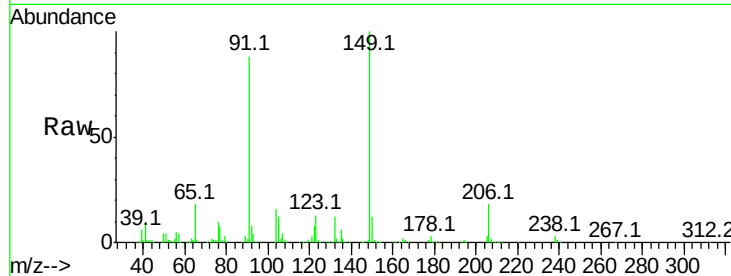
#79
Butylbenzylphthalate
Concen: 85.74 ng
RT: 16.32 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
149	100	833918		
91	88.1	60.0	90.0	
206	18.4	16.2	24.4	

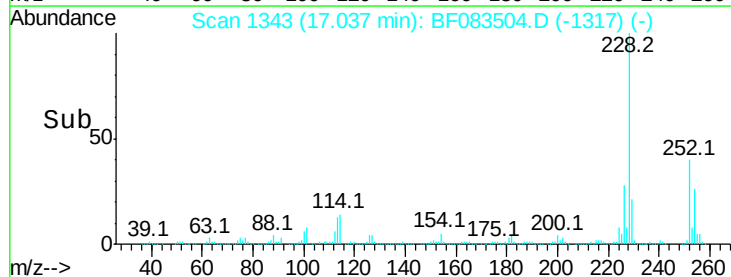
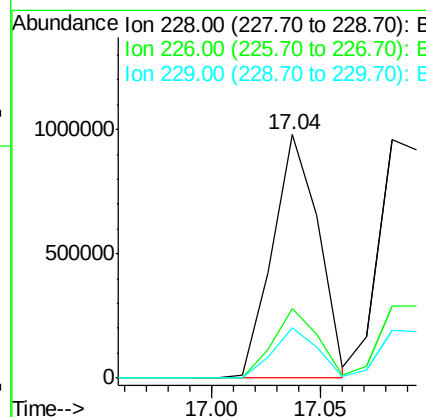
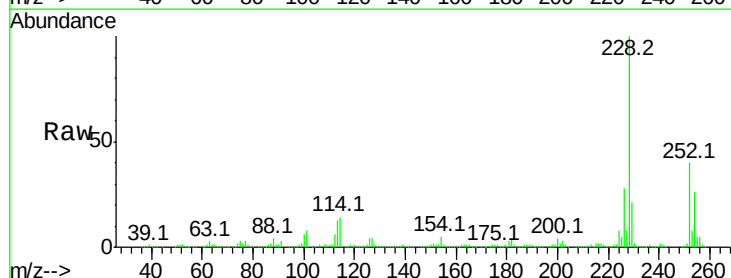
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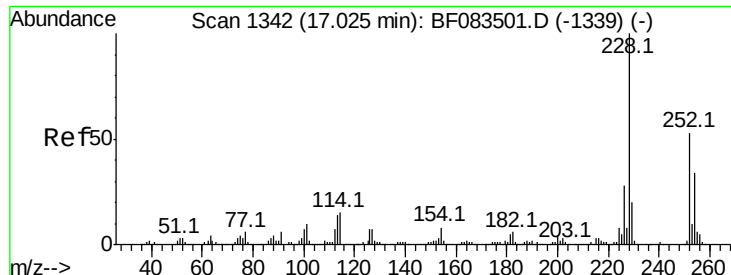
Mmdadoda
12/7/2015 6:30:45 PM



#80
Benzo(a)anthracene
Concen: 73.24 ng
RT: 17.04 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1447552		
226	28.4	22.3	33.5	
229	20.8	15.7	23.5	





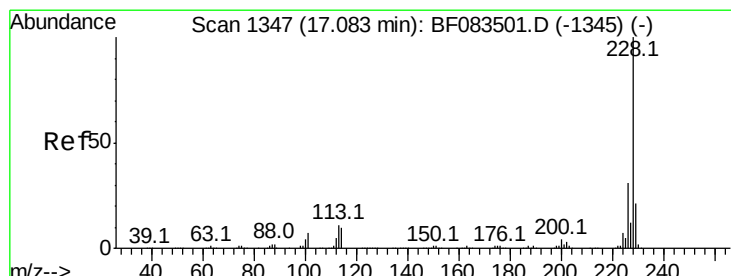
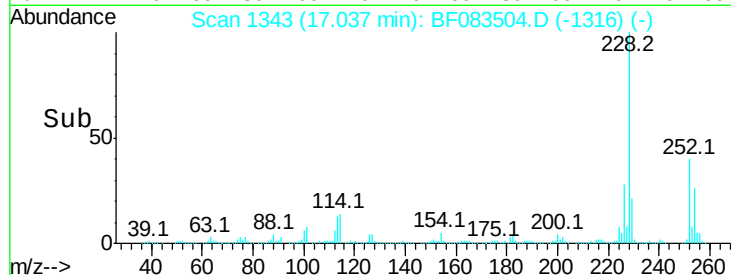
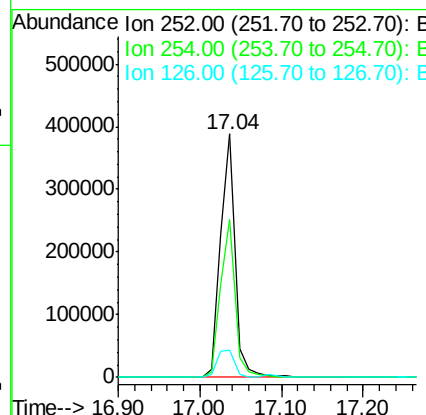
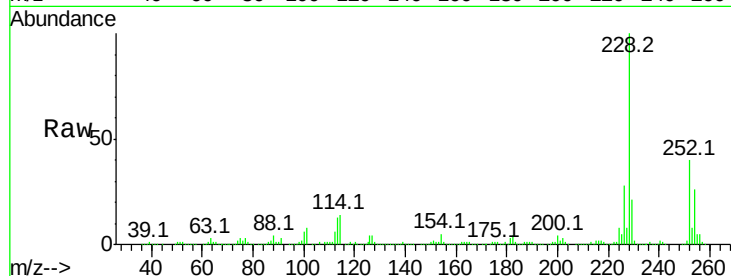
#81
 3,3'-Dichlorobenzidine
 Concen: 77.93 ng
 RT: 17.04 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
252	100	483782		
254	65.0	50.6	76.0	
126	11.1	11.0	16.4	

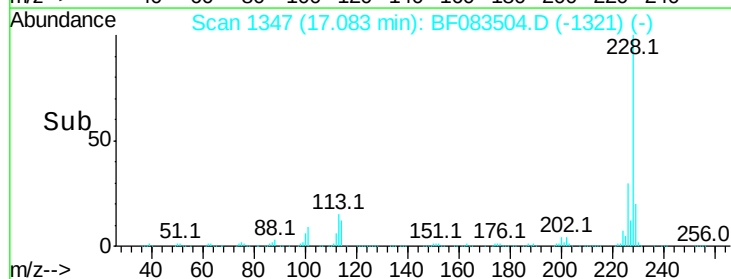
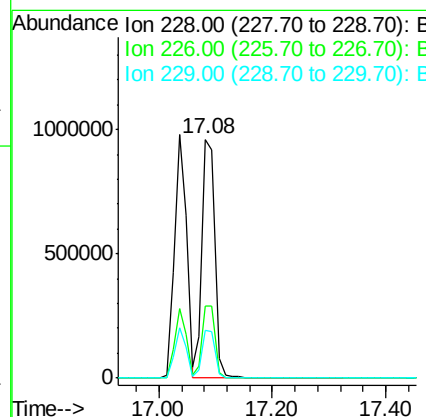
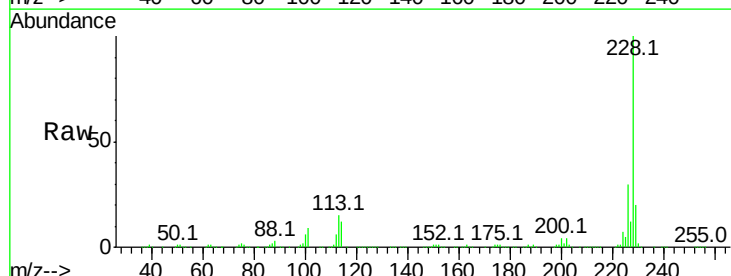
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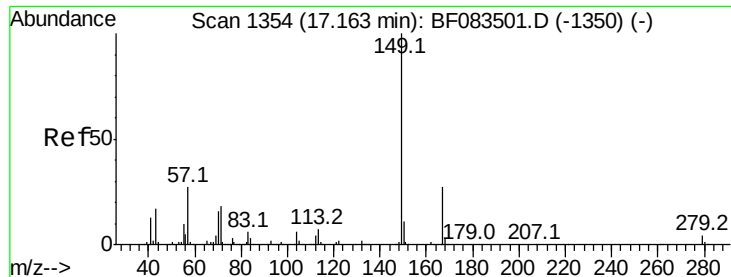
Mmdadoda
 12/7/2015 6:30:45 PM



#82
 Chrysene
 Concen: 77.14 ng
 RT: 17.08 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1484744		
226	30.2	24.7	37.1	
229	19.9	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 84.11 ng

RT: 17.16 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1092201

Ion Ratio Lower Upper

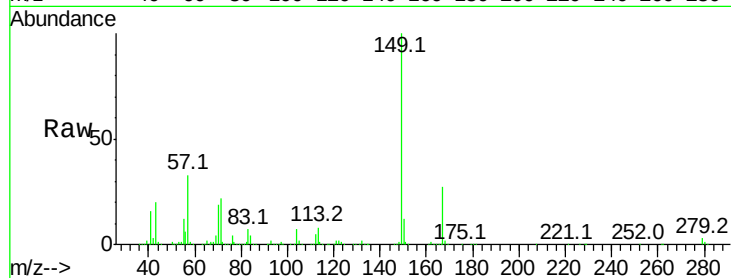
149 100

167 27.4 21.8 32.8

279 3.0 3.0 4.4

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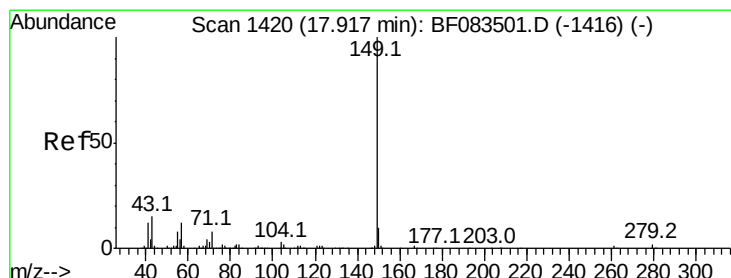
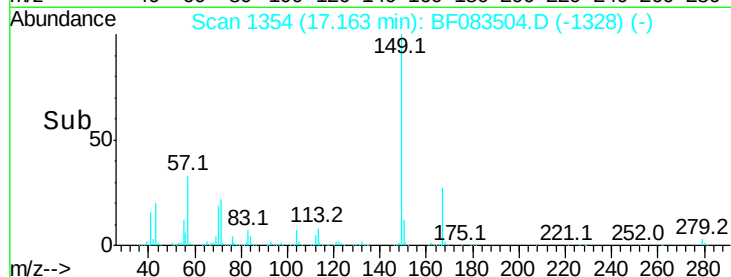
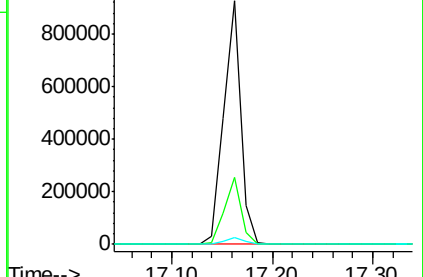
Mmdadoda
12/7/2015 6:30:45 PM



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



#84

Di-n-octyl phthalate

Concen: 83.45 ng

RT: 17.93 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF083504.D

Acq: 5 Dec 2015 2:24

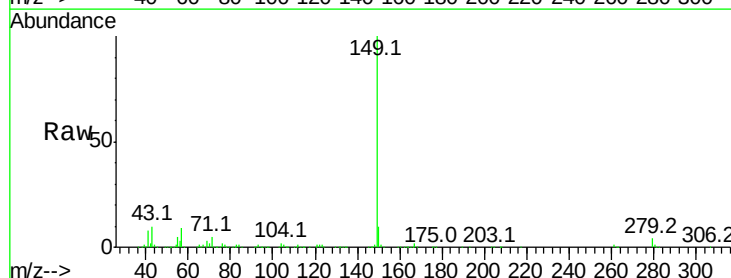
Tgt Ion:149 Resp: 1584282

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

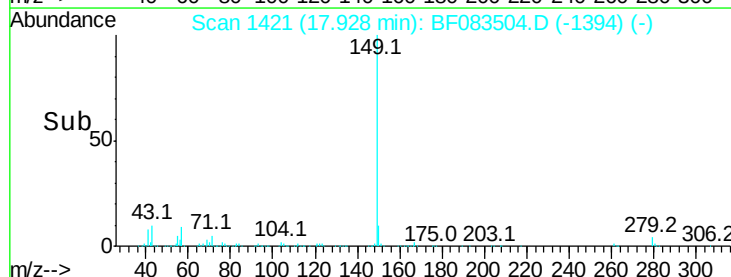
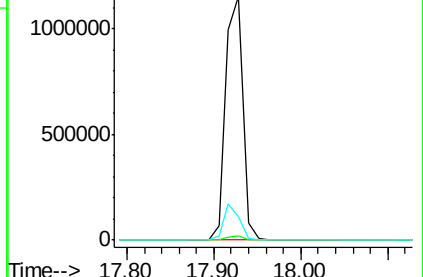
43 13.6 0.0 0.0#

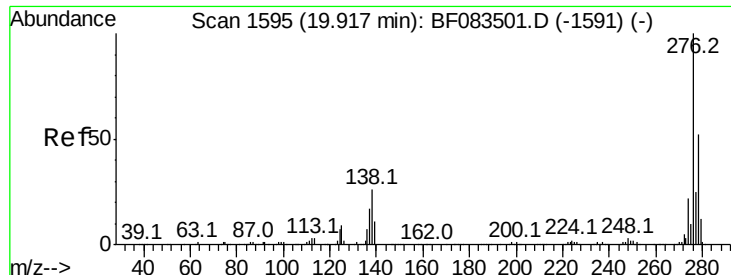


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





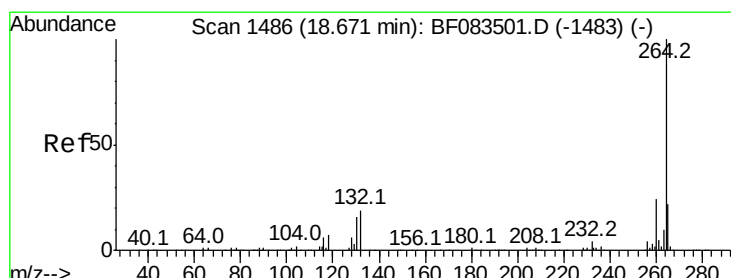
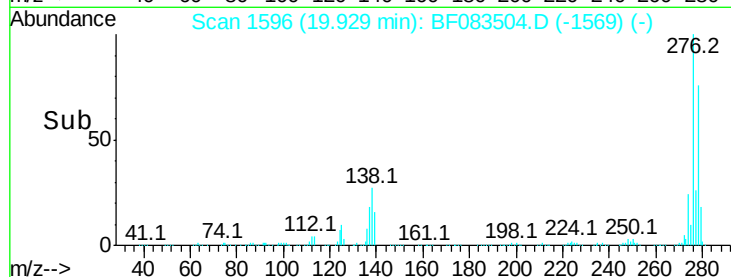
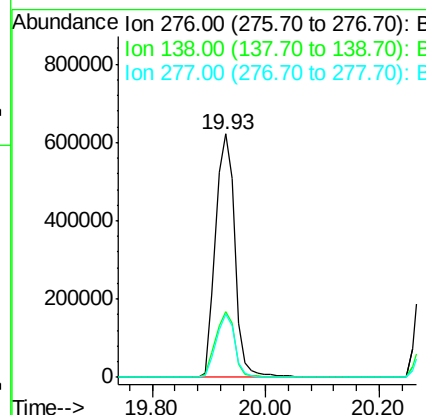
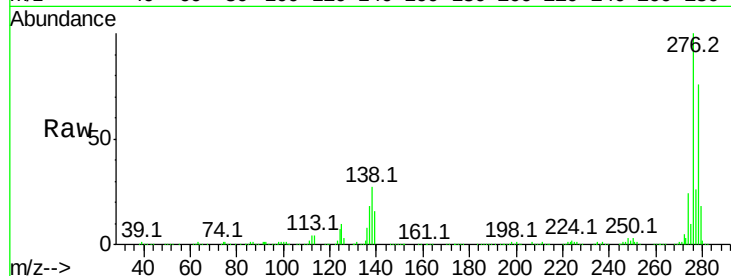
#85
Indeno(1,2,3-cd)pyrene
Concen: 101.47 ng
RT: 19.93 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	0.0	0.0#
277	25.2	0.0	0.0#

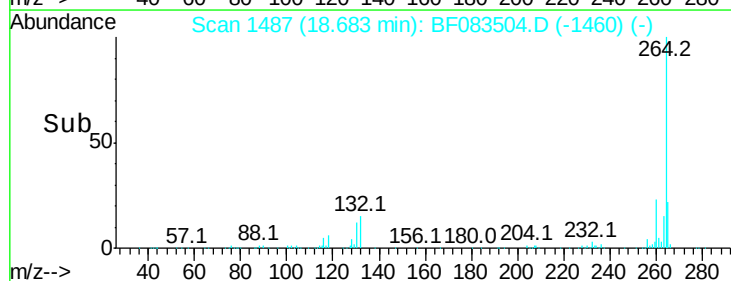
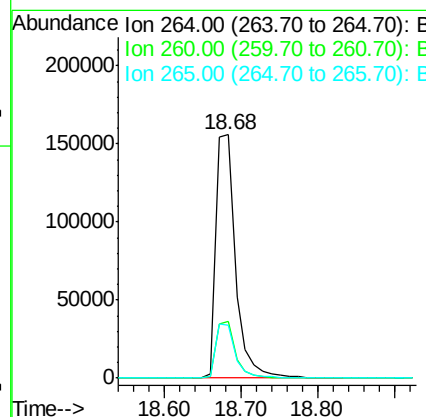
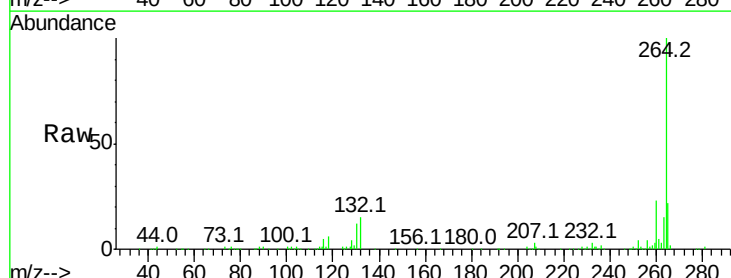
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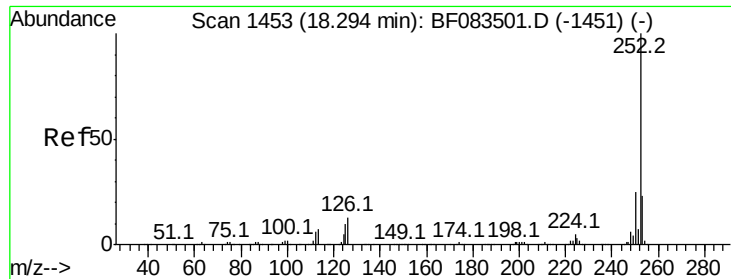
Mmdadoda
12/7/2015 6:30:45 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.8	17.8	26.6





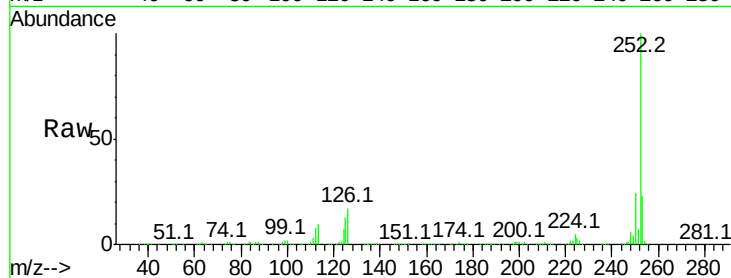
#87
Benzo(b)fluoranthene
Concen: 81.56 ng m
RT: 18.29 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

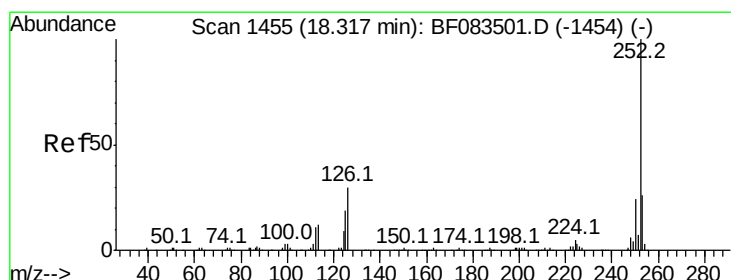
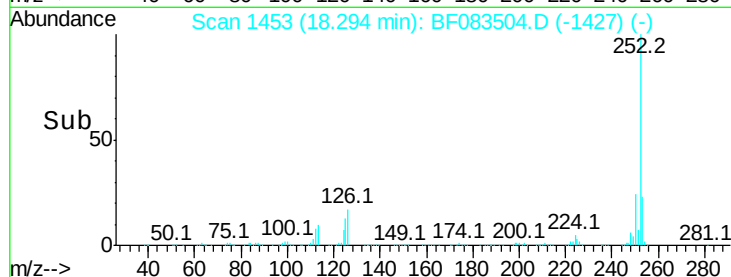
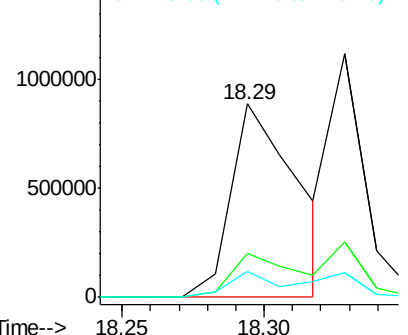
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	13.3	8.2	12.4#

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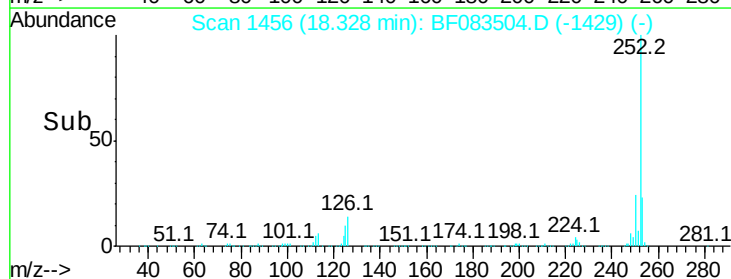
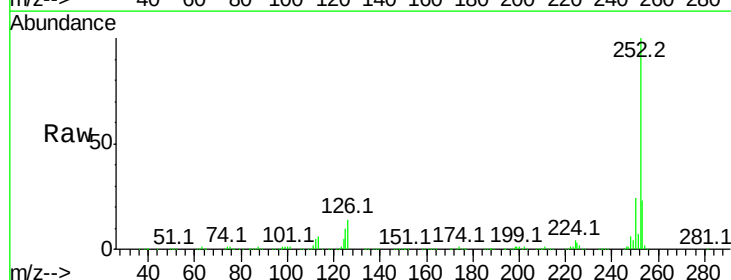
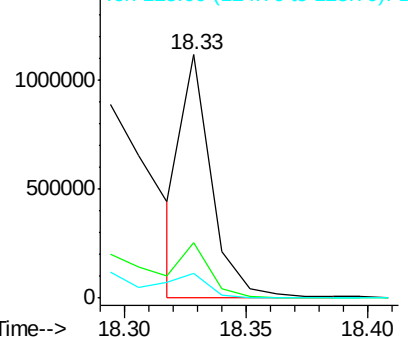
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

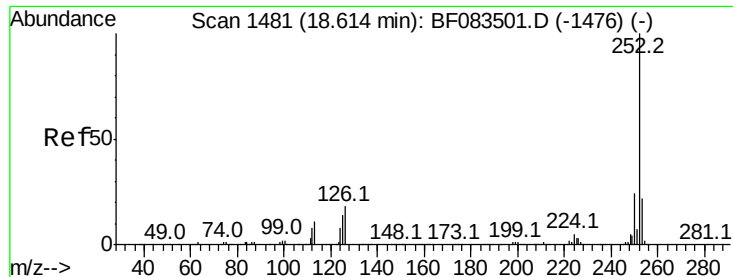


#88
Benzo(k)fluoranthene
Concen: 57.35 ng m
RT: 18.33 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	10.1	11.5	17.3#

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





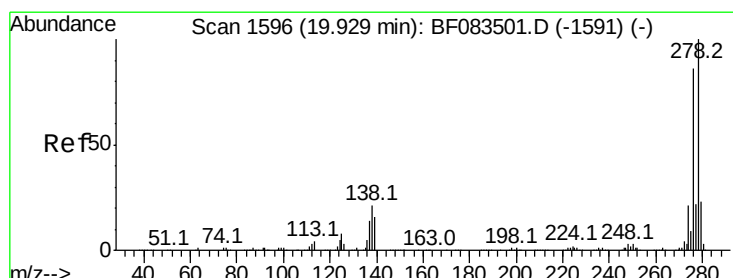
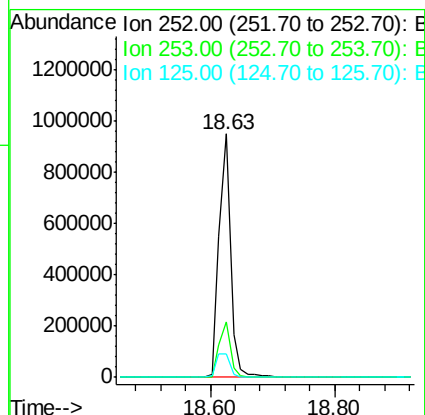
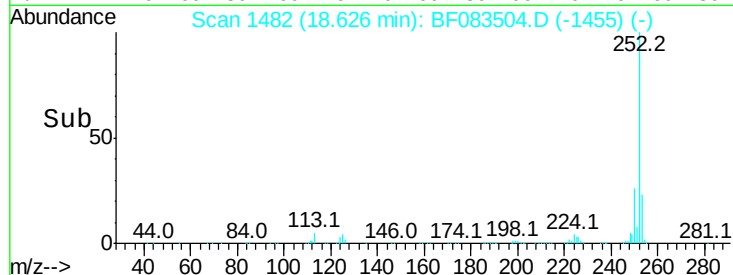
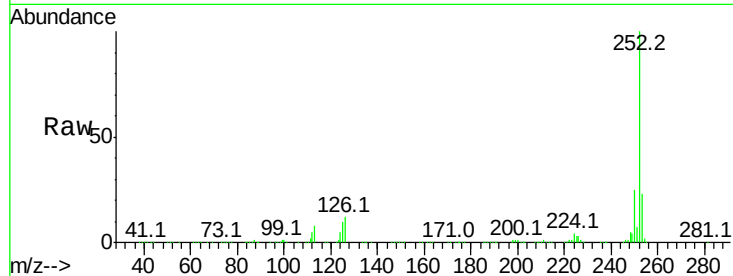
#89
Benzo(a)pyrene
Concen: 77.93 ng
RT: 18.63 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:252 Resp: 1199287
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 9.6 11.0 16.6#

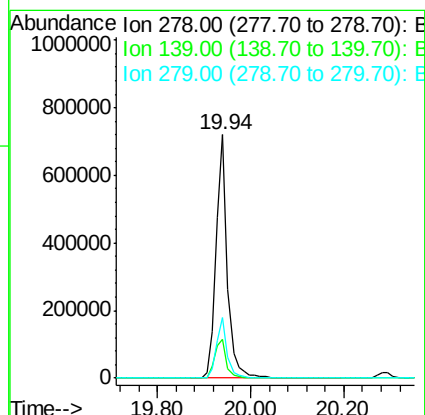
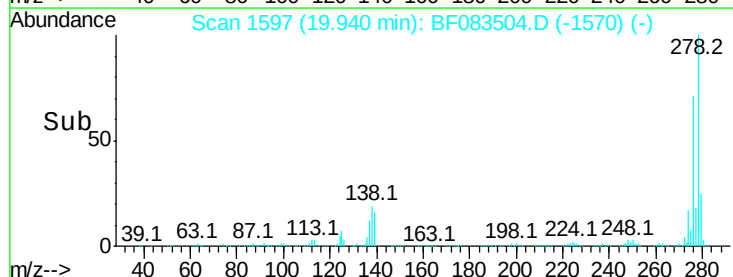
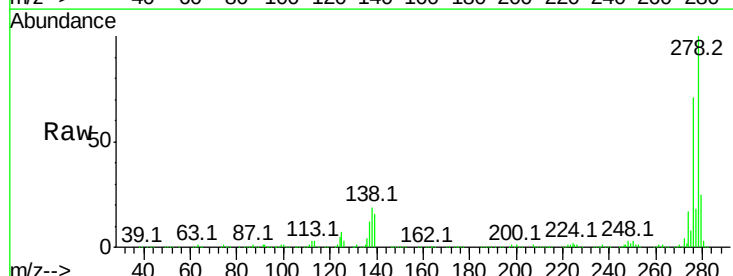
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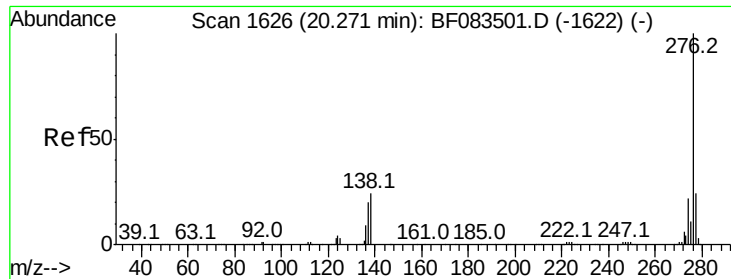
Mmdadoda
12/7/2015 6:30:45 PM



#90
Dibenzo(a,h)anthracene
Concen: 89.25 ng
RT: 19.94 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF083504.D
Acq: 5 Dec 2015 2:24

Tgt Ion:278 Resp: 1224219
Ion Ratio Lower Upper
278 100
139 15.9 12.8 19.2
279 24.9 18.6 28.0





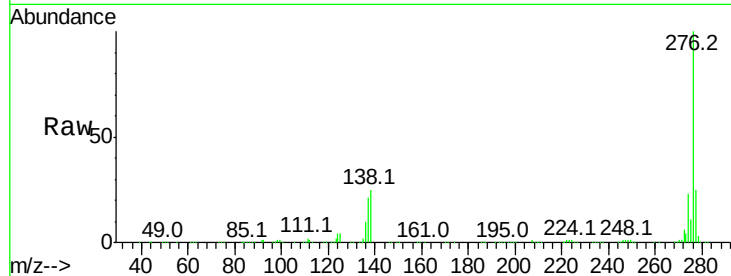
#91
 Benzo(a,h,i)perylene
 Concen: 93.45 ng
 RT: 20.28 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF083504.D
 Acq: 5 Dec 2015 2:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	24.6	19.5	29.3

Manual Integrations
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Mmdadoda
 12/7/2015 6:30:45 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

