

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086729.D
 Acq On : 6 May 2016 17:40
 Operator : UM/SJ
 Sample : PB90268BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90268BS

Manual Integrations
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Sohil
 5/9/2016 7:17:12 PM

Quant Time: May 07 03:36:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	154577	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	640054	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	300091	40.00	ng	0.00
63) Phenanthrene-d10	11.23	188	562973	40.00	ng	0.00
75) Chrysene-d12	13.86	240	421247	40.00	ng	0.00
86) Perylene-d12	15.23	264	316861	40.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1065105	114.07	ng	0.01
7) Phenol-d6	6.38	99	1502905	119.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	1014944	81.49	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	427429	145.60	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1702503	93.00	ng	0.00
78) Terphenyl-d14	12.81	244	1346221	64.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	156140	32.35	ng	# 75
3) Pyridine	3.16	79	391263m	33.06	ng	
4) n-Nitrosodimethylamine	2.99	42	292043	40.69	ng	# 52
6) Aniline	6.38	93	223687	14.41	ng	# 1
8) 2-Chlorophenol	6.50	128	424052	37.84	ng	# 79
9) Benzaldehyde	6.27	77	47921	7.64	ng	96
10) Phenol	6.40	94	575003	41.79	ng	84
11) bis(2-Chloroethyl)ether	6.45	93	415672	35.10	ng	84
12) 1,3-Dichlorobenzene	6.65	146	459259m	38.60	ng	
13) 1,4-Dichlorobenzene	6.73	146	473051	38.45	ng	97
14) 1,2-Dichlorobenzene	6.88	146	389758	36.39	ng	96
15) Benzyl Alcohol	6.88	79	370172	45.49	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.00	45	853430	35.24	ng	81
17) 2-Methylphenol	6.99	107	343789	38.11	ng	# 80
18) Hexachloroethane	7.22	117	178958	38.53	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	343664	39.99	ng	# 78
20) 3+4-Methylphenols	7.15	107	443290	41.96	ng	# 67
22) Acetophenone	7.14	105	613915	41.16	ng	99
24) Nitrobenzene	7.30	77	455318	35.36	ng	95
25) Isophorone	7.56	82	901830	38.88	ng	97
26) 2-Nitrophenol	7.62	139	228829	39.83	ng	# 75
27) 2,4-Dimethylphenol	7.68	122	413548	40.99	ng	92
28) bis(2-Chloroethoxy)methane	7.76	93	522273	40.91	ng	98
29) 2,4-Dichlorophenol	7.87	162	378806	43.67	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	384979	39.78	ng	97
31) Naphthalene	8.02	128	1302163	39.82	ng	99
32) Benzoic acid	7.84	122	263901	63.71	ng	# 85
33) 4-Chloroaniline	8.09	127	85895	6.78	ng	96
34) Hexachlorobutadiene	8.13	225	209883	38.20	ng	99
35) Caprolactam	8.50	113	122473m	45.61	ng	
36) 4-Chloro-3-methylphenol	8.58	107	396817	40.10	ng	92
37) 2-Methylnaphthalene	8.70	142	796223	41.27	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	357154	41.12	ng	# 97
40) Hexachlorocyclopentadiene	8.86	237	452259	110.43	ng	95

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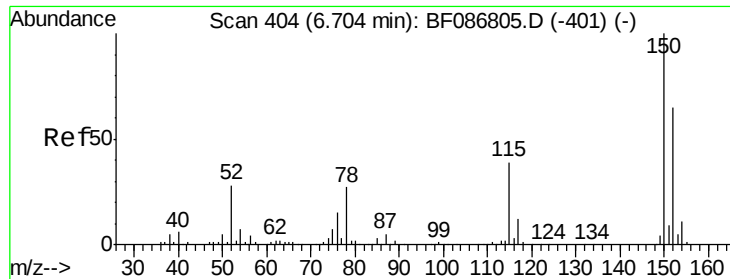
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	263299	47.67	ng	92
43) 2,4,5-Trichlorophenol	9.05	196	256404	44.43	ng #	90
45) 1,1'-Biphenyl	9.17	154	999229	40.73	ng	97
46) 2-Chloronaphthalene	9.20	162	746668	39.44	ng	94
47) 2-Nitroaniline	9.31	65	280811	41.72	ng	97
48) Acenaphthylene	9.61	152	1092052	38.86	ng	99
49) Dimethylphthalate	9.49	163	960211	42.92	ng	100
50) 2,6-Dinitrotoluene	9.55	165	221423	46.12	ng	90
51) Acenaphthene	9.78	154	689681	37.20	ng	99
52) 3-Nitroaniline	9.72	138	76100	13.94	ng	97
53) 2,4-Dinitrophenol	9.82	184	220369	97.72	ng #	76
54) Dibenzofuran	9.95	168	978508	42.58	ng	92
55) 4-Nitrophenol	9.90	139	245183	77.05	ng #	40
56) 2,4-Dinitrotoluene	9.95	165	241428	40.58	ng #	71
57) Fluorene	10.29	166	720564	38.69	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	205400	48.46	ng	96
59) Diethylphthalate	10.19	149	938948	44.34	ng	97
60) 4-Chlorophenyl-phenylether	10.29	204	384036	43.37	ng #	85
61) 4-Nitroaniline	10.34	138	177813	33.91	ng #	70
62) Azobenzene	10.45	77	1065442	45.41	ng	88
64) 4,6-Dinitro-2-methylphenol	10.36	198	164993	55.08	ng	92
65) n-Nitrosodiphenylamine	10.42	169	738659	41.32	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	215768	38.57	ng #	86
67) Hexachlorobenzene	10.84	284	284529	41.70	ng	99
68) Atrazine	10.96	200	247208	45.13	ng	95
69) Pentachlorophenol	11.05	266	315419	94.16	ng	97
70) Phenanthrene	11.25	178	1260022	41.67	ng	99
71) Anthracene	11.30	178	1180905	37.29	ng	100
72) Carbazole	11.47	167	1127194	40.99	ng	99
73) Di-n-butylphthalate	11.80	149	1355868	41.53	ng #	99
74) Fluoranthene	12.43	202	1153645	38.07	ng	99
76) Benzidine	12.57	184	313088	30.22	ng	96
77) Pyrene	12.66	202	1146348	34.13	ng	99
79) Butylbenzylphthalate	13.29	149	510586	36.30	ng #	69
80) Benzo(a)anthracene	13.85	228	927933	38.95	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	115616	7.72	ng	99
82) Chrysene	13.88	228	902955	35.53	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	638247	39.21	ng #	95
84) Di-n-octyl phthalate	14.45	149	1125983	47.01	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.55	276	692191	31.74	ng	95
87) Benzo(b)fluoranthene	14.85	252	797810m	41.90	ng	
88) Benzo(k)fluoranthene	14.88	252	803898m	44.81	ng	
89) Benzo(a)pyrene	15.19	252	749258	42.72	ng	97
90) Dibenzo(a,h)anthracene	16.56	278	580019	34.43	ng #	93
91) Benzo(g,h,i)perylene	16.93	276	589322	33.32	ng #	90

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



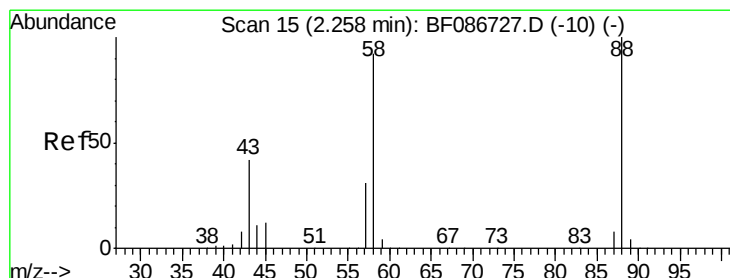
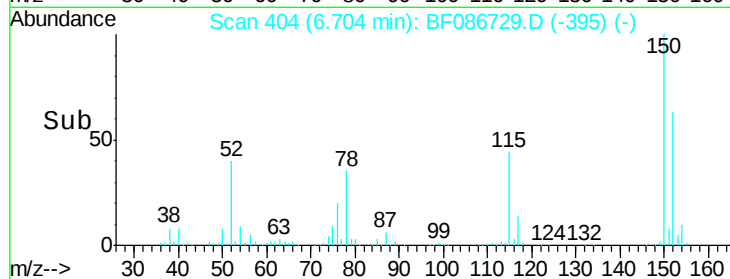
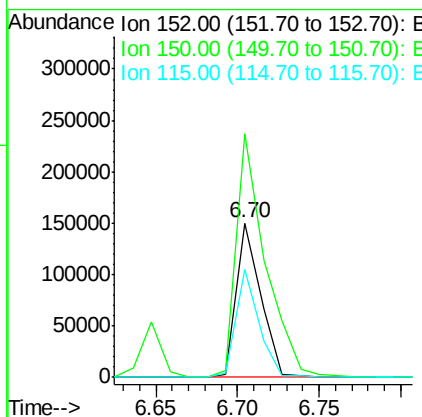
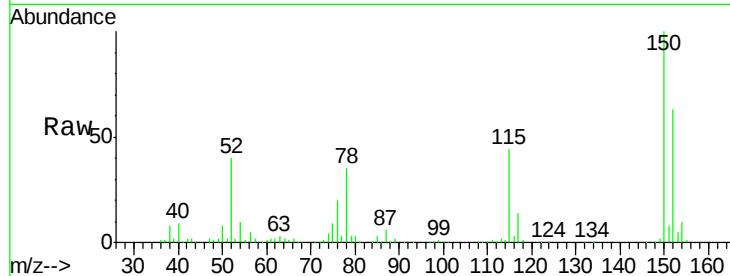
#1
 1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90268BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.8	188.6
115	70.3	51.5	77.3

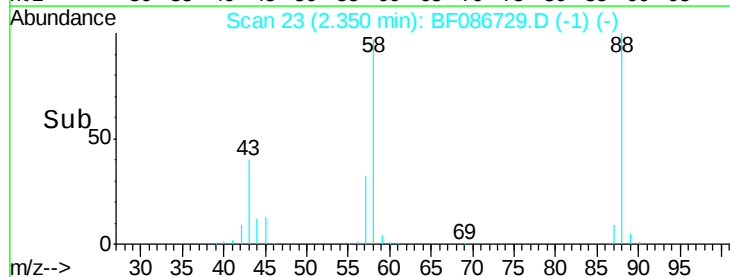
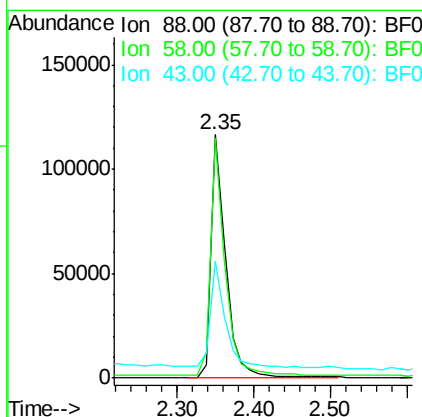
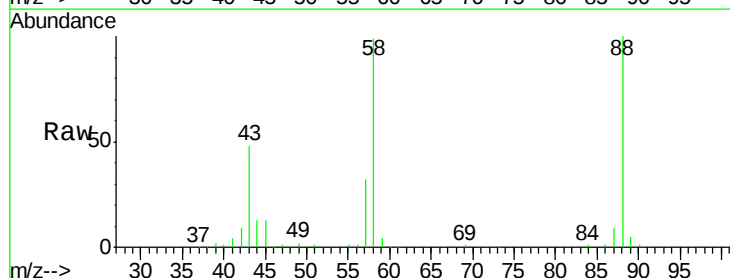
Manual Integrations
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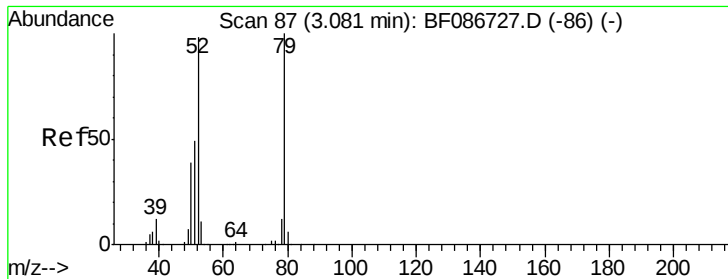
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#2
 1,4-Dioxane
 Concen: 32.35 ng
 RT: 2.35 min Scan# 23
 Delta R.T. 0.09 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.5	59.6	89.4#
43	43.7	21.8	32.6#





#3

Pyridine

Concen: 33.06 ng m

RT: 3.16 min Scan# 94

Delta R.T. 0.08 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

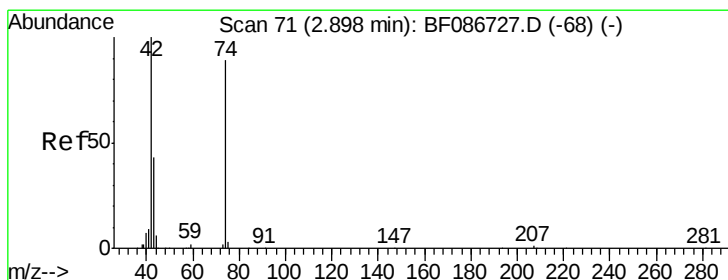
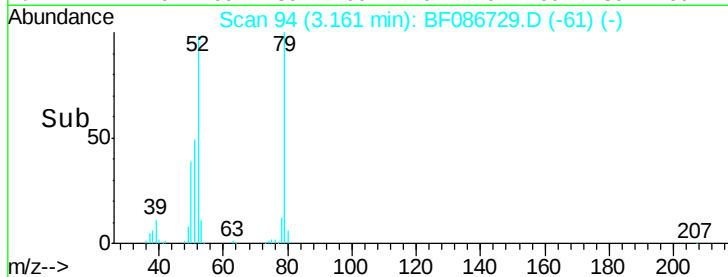
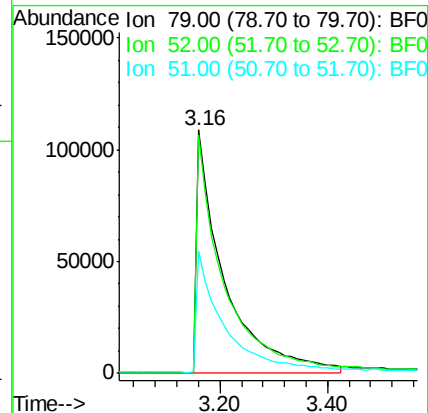
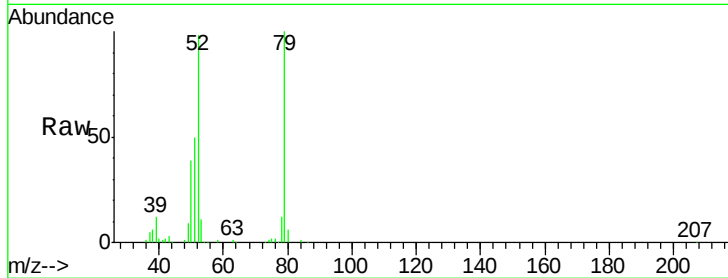
ClientSampleId :

PB90268BS

Tgt Ion:	79	Resp:	391263
Ion Ratio	Lower	Upper	
79	100		
52	98.0	55.9	83.9#
51	50.0	28.1	42.1#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.69 ng

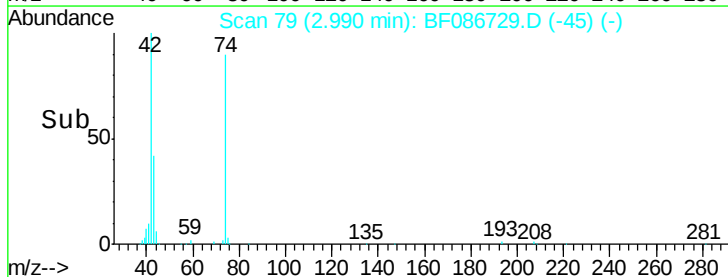
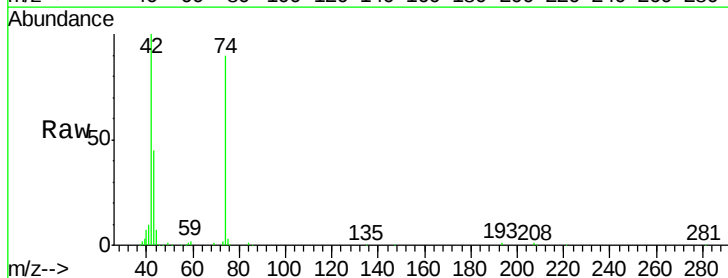
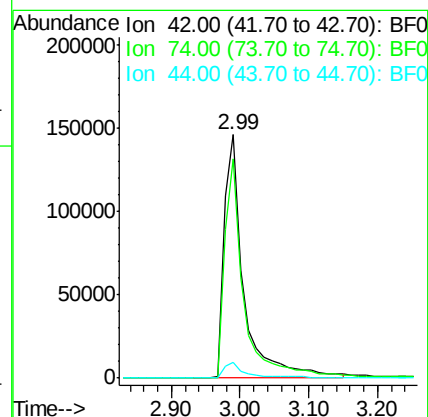
RT: 2.99 min Scan# 79

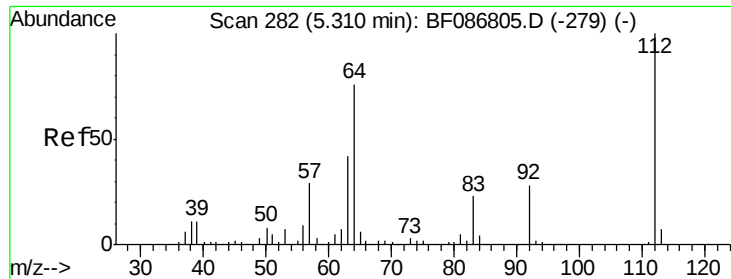
Delta R.T. 0.09 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Tgt Ion:	42	Resp:	292043
Ion Ratio	Lower	Upper	
42	100		
74	89.9	123.4	185.0#
44	6.6	5.8	8.6





#5

2-Fluorophenol

Concen: 114.07 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.01 min

Lab File: BF086729.D

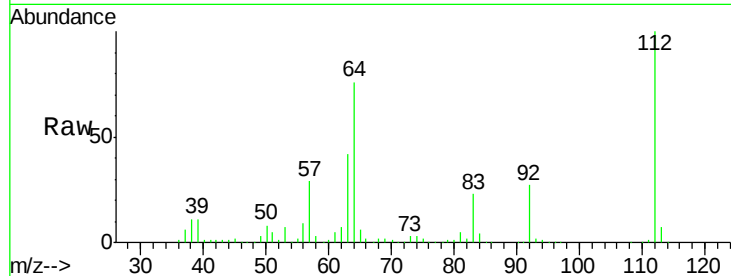
Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

PB90268BS



Tgt Ion: 112 Resp: 1065105

Ion Ratio Lower Upper

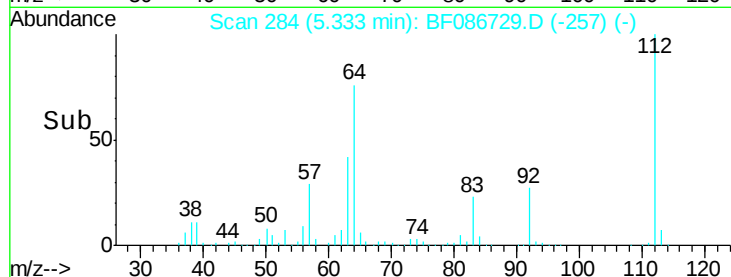
112 100

64 76.2 52.1 78.1

63 41.8 25.7 38.5#

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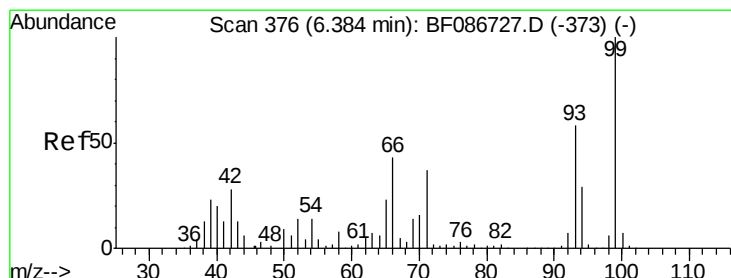
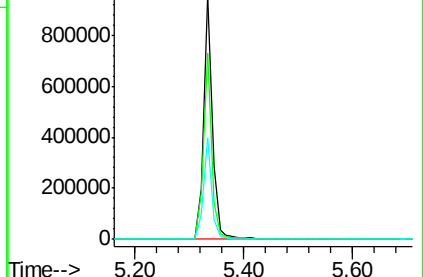
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.41 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

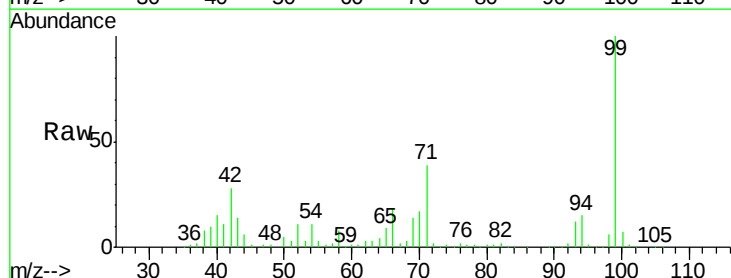
Tgt Ion: 93 Resp: 223687

Ion Ratio Lower Upper

93 100

66 145.1 39.0 58.6#

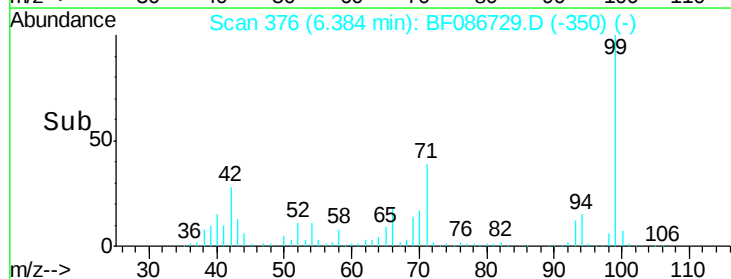
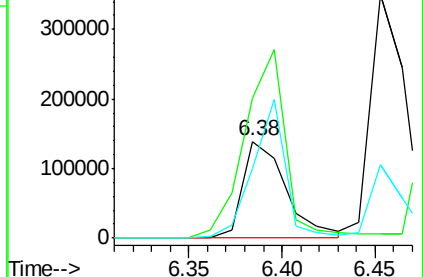
65 72.4 20.6 31.0#

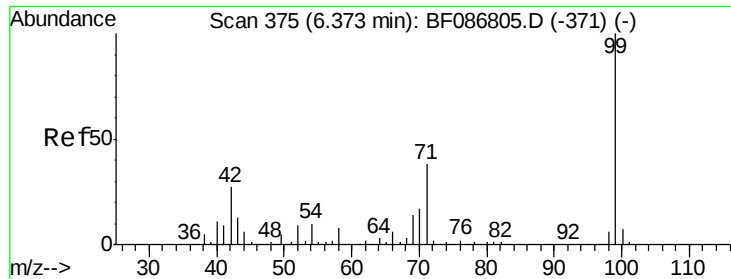


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.49 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampled :

PB90268BS

Tgt Ion: 99 Resp: 1502905

Ion Ratio Lower Upper

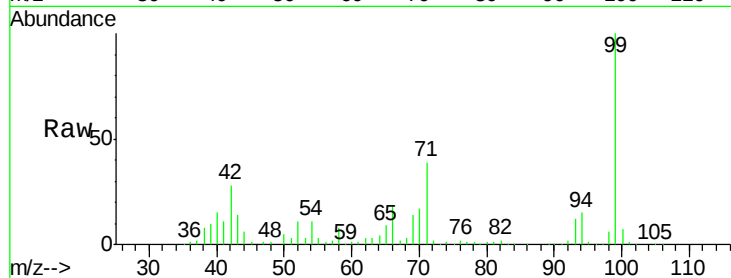
99 100

42 28.3 13.6 20.4#

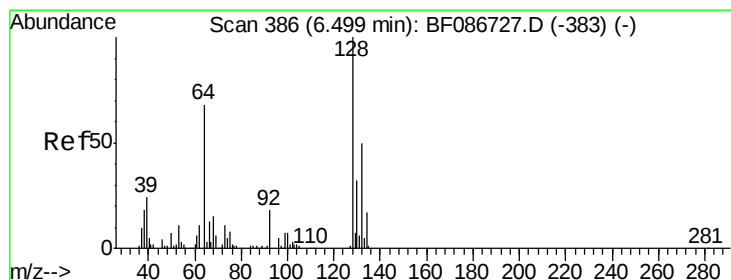
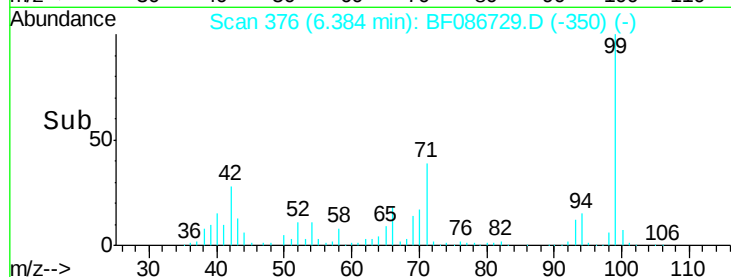
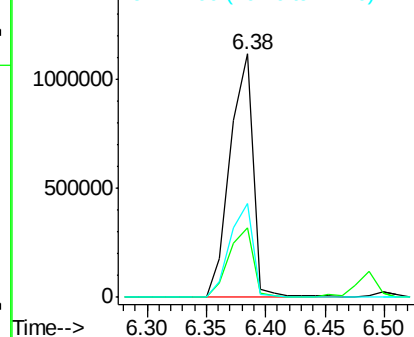
71 38.8 24.6 36.8#

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



#8

2-Chlorophenol

Concen: 37.84 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

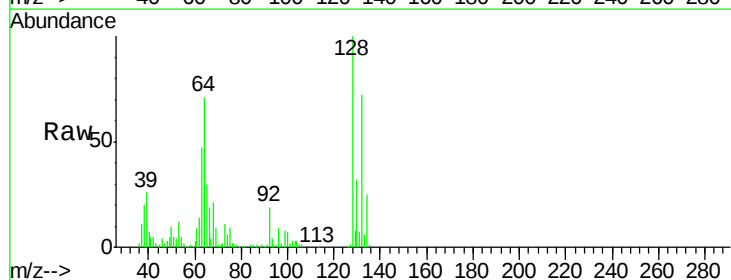
Tgt Ion: 128 Resp: 424052

Ion Ratio Lower Upper

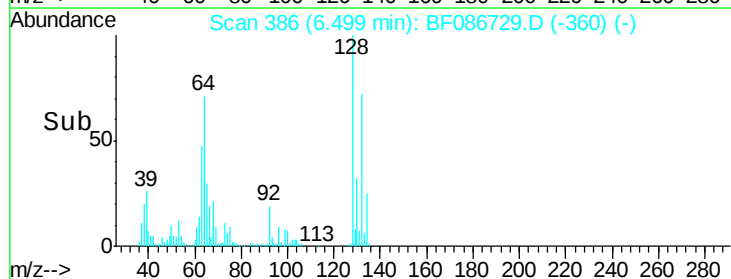
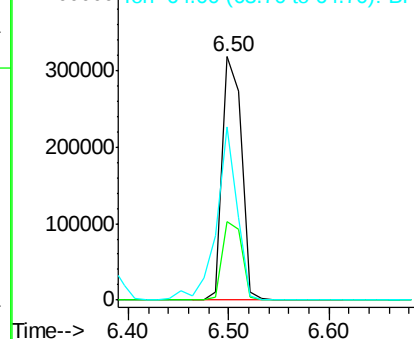
128 100

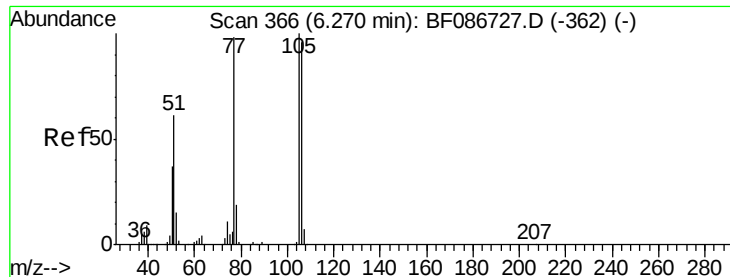
130 32.1 12.5 52.5

64 70.9 27.3 67.3#



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





#9

Benzaldehyde

Concen: 7.64 ng

RT: 6.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

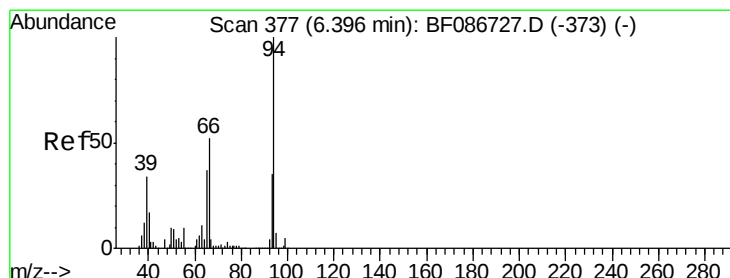
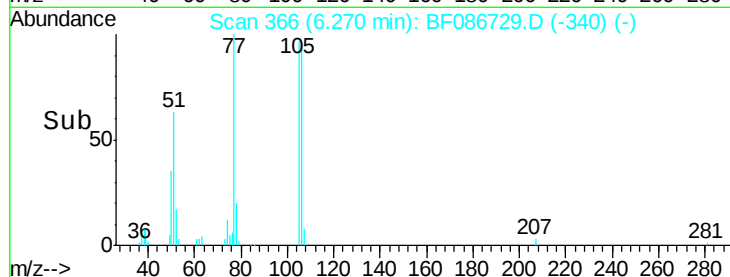
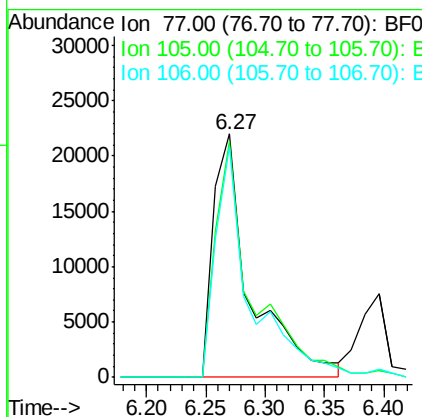
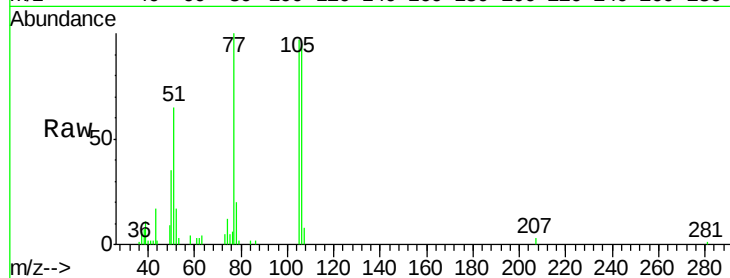
ClientSampleId :

PB90268BS

Tgt Ion:	77	Resp:	47921
Ion Ratio	Lower	Upper	
77	100		
105	96.9	72.7	112.7
106	95.1	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 41.79 ng

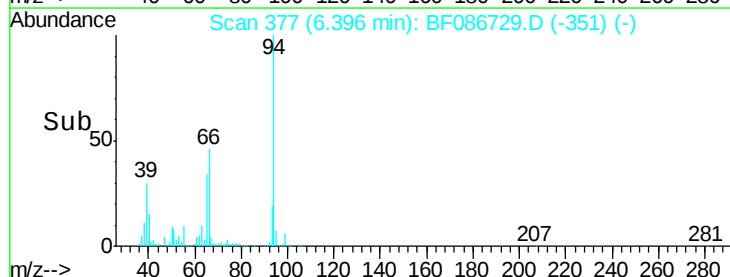
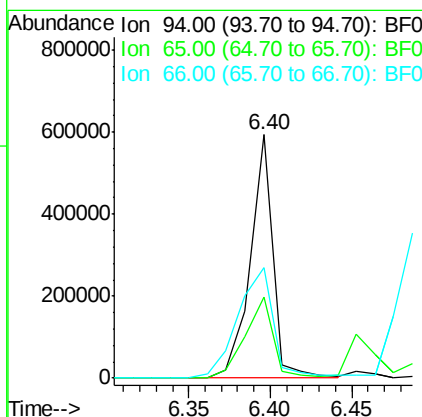
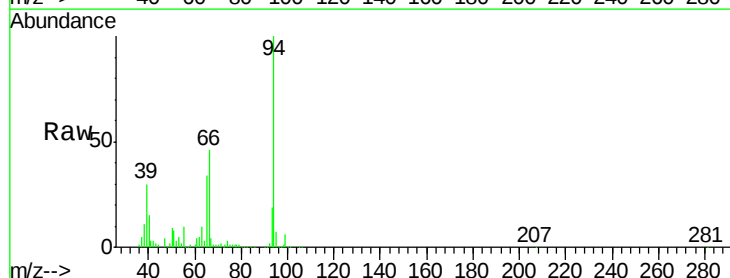
RT: 6.40 min Scan# 377

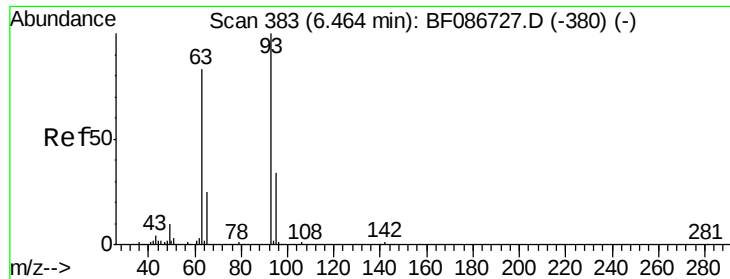
Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Tgt Ion:	94	Resp:	575003
Ion Ratio	Lower	Upper	
94	100		
65	33.5	7.2	47.2
66	45.6	14.9	54.9





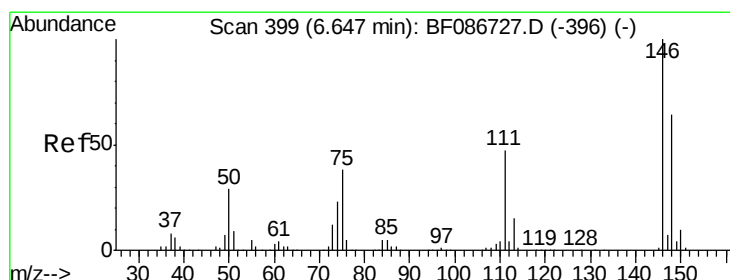
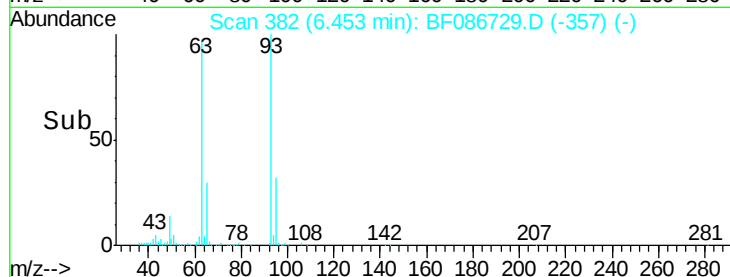
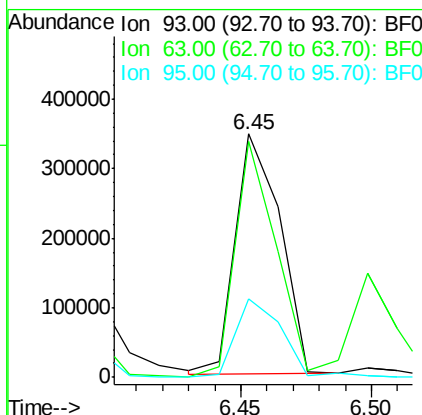
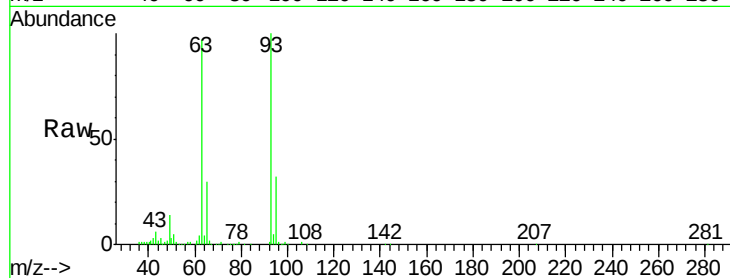
#11
bis(2-Chloroethyl)ether
Concen: 35.10 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	97.1	58.0	98.0
95	32.5	11.9	51.9

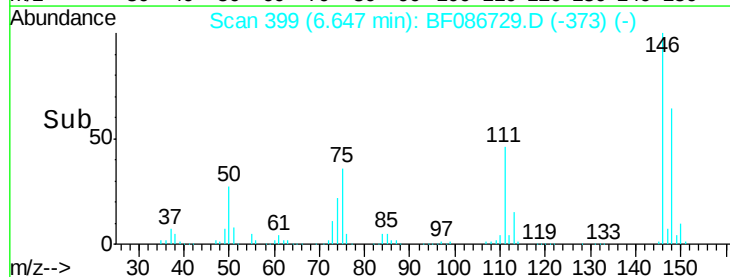
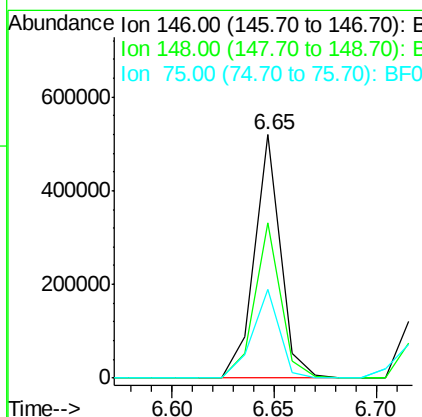
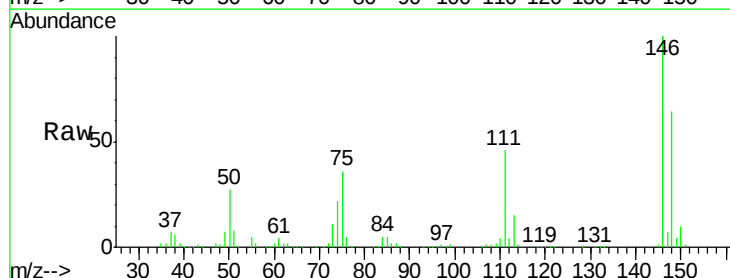
Manual Integrations
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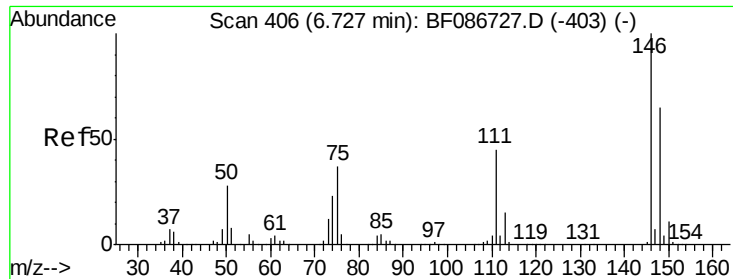
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#12
1,3-Dichlorobenzene
Concen: 38.60 ng m
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.0	52.4	78.6
75	36.3	22.8	34.2#





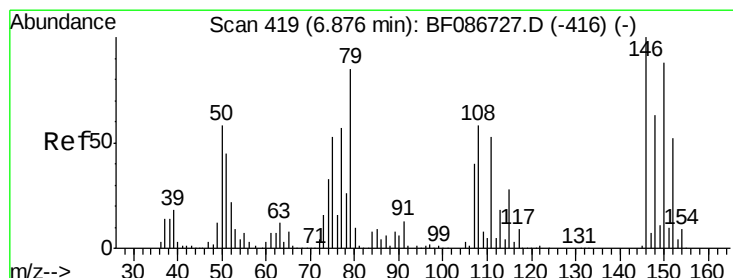
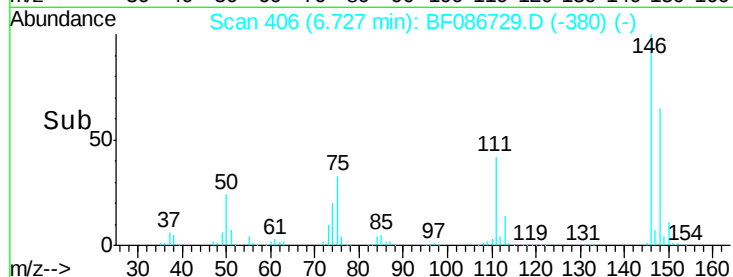
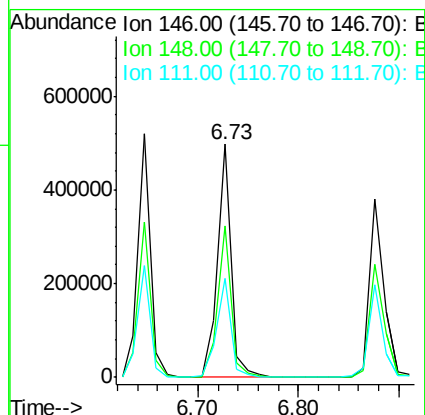
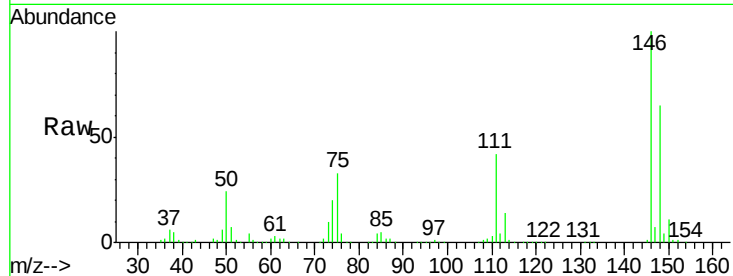
#13
1,4-Dichlorobenzene
Concen: 38.45 ng
RT: 6.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.4
111	42.3	30.7	46.1

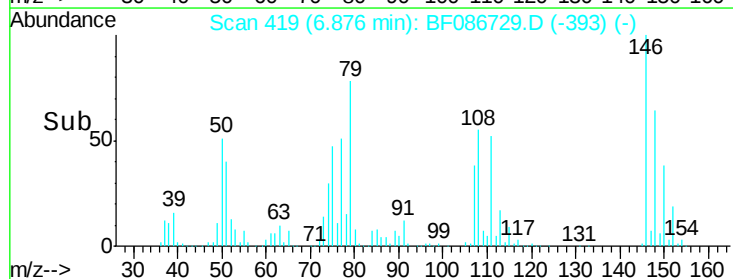
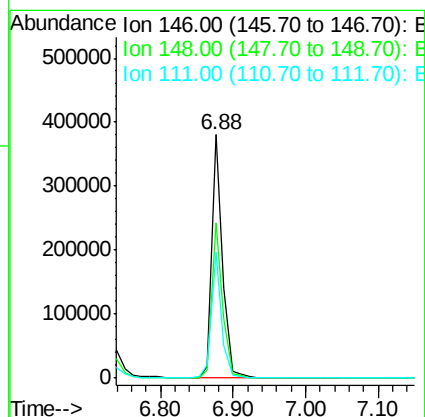
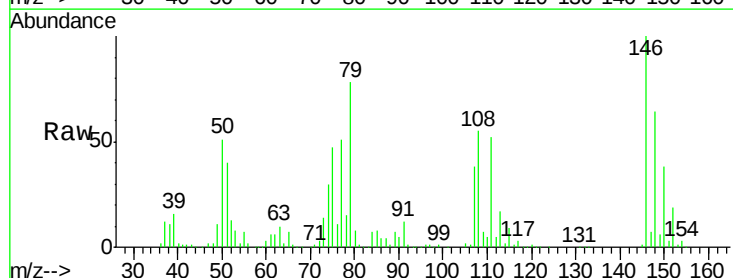
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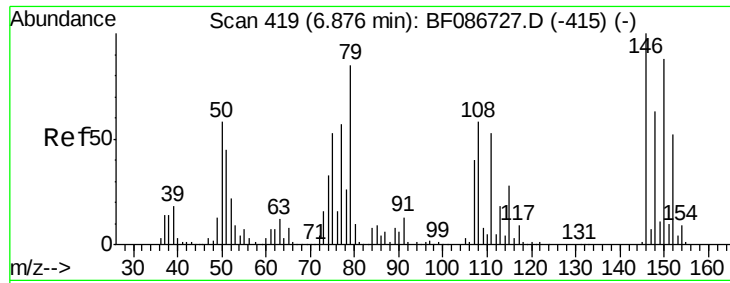
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#14
1,2-Dichlorobenzene
Concen: 36.39 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	51.5	36.2	54.4





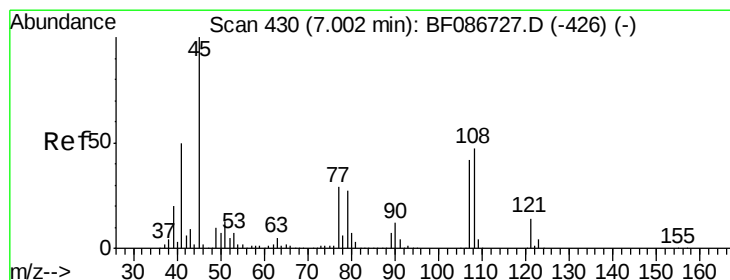
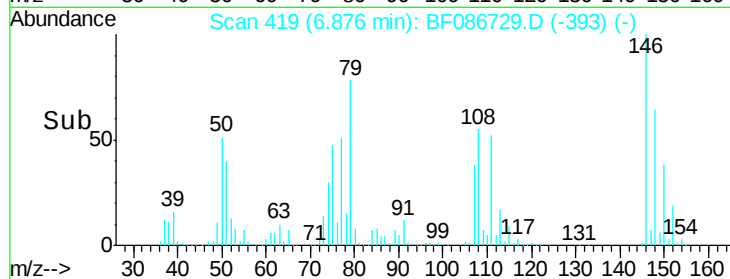
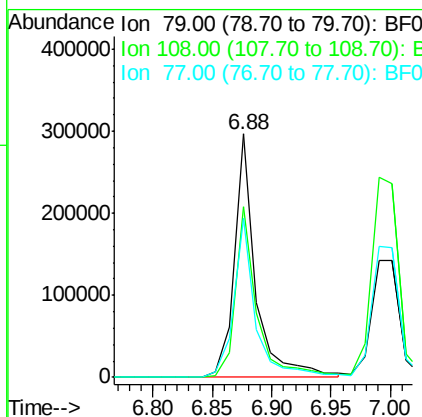
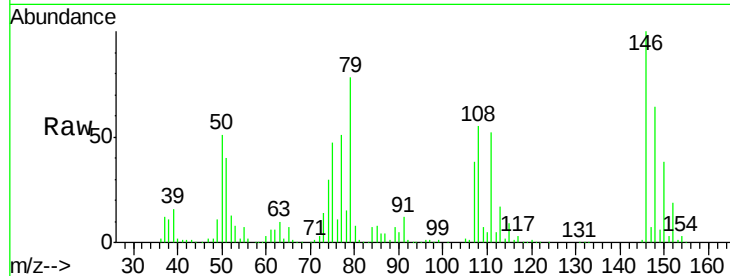
#15
Benzyl Alcohol
Concen: 45.49 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	69.9	68.4	102.6
77	65.6	50.6	76.0

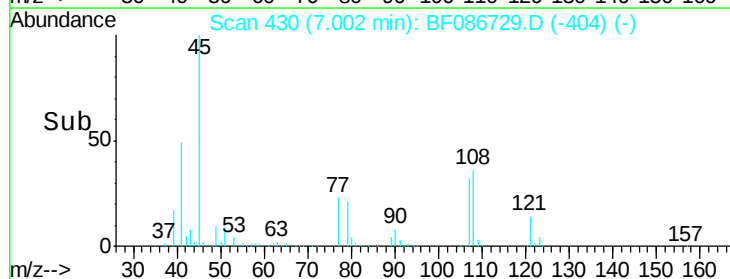
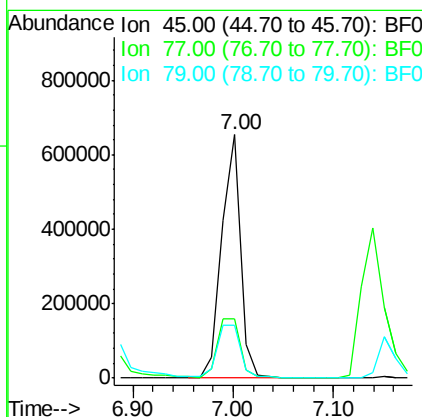
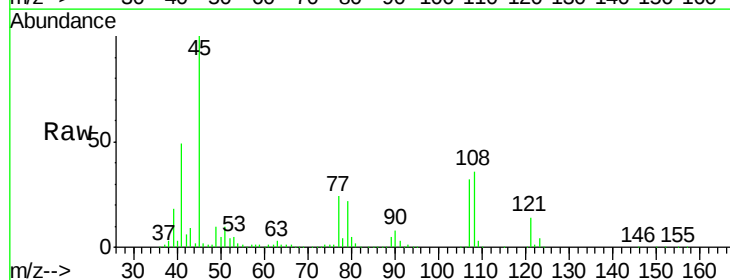
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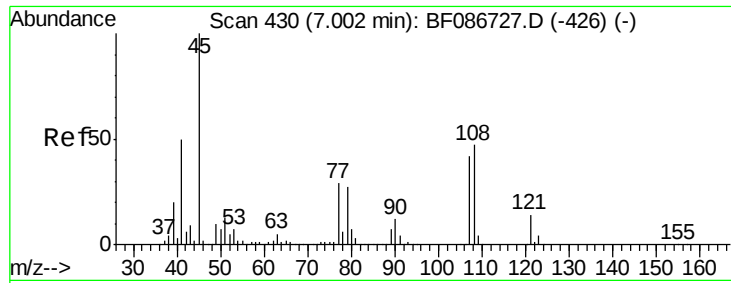
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.24 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.2	0.0	36.4
79	21.8	0.0	33.4





#17

2-Methylphenol

Concen: 38.11 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

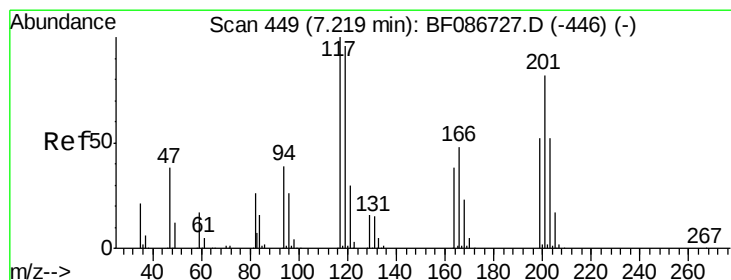
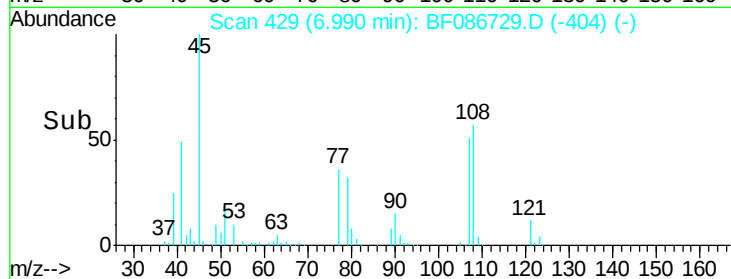
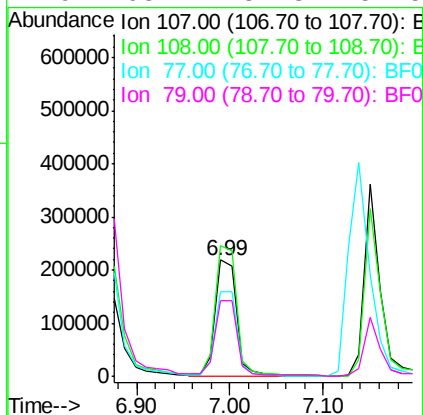
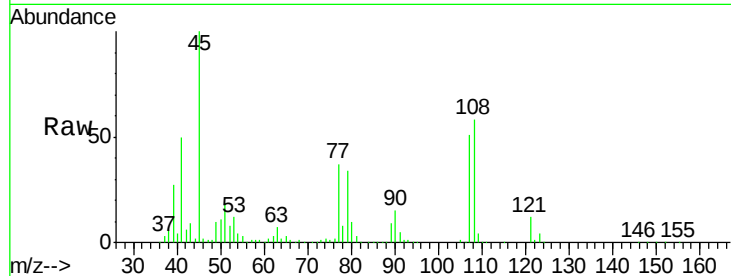
ClientSampleId :

PB90268BS

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Tgt Ion:	107	Resp:	343789
Ion Ratio	Lower	Upper	
107	100		
108	112.0	93.7	140.5
77	72.9	33.4	50.0#
79	65.4	34.3	51.5#



#18

Hexachloroethane

Concen: 38.53 ng

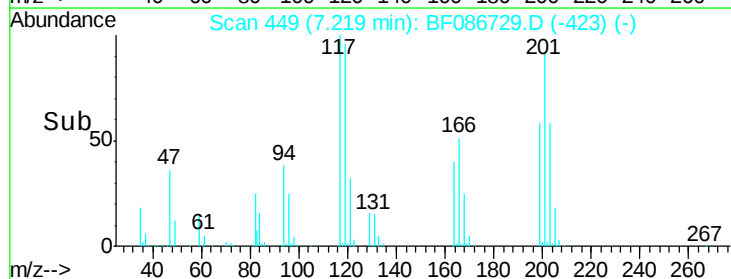
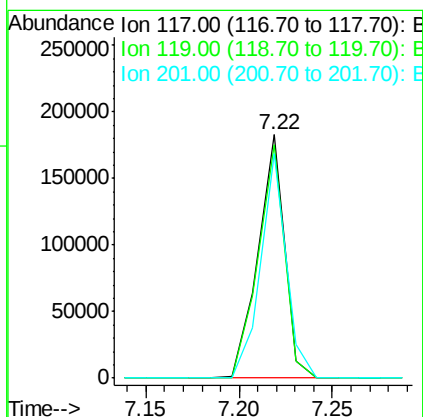
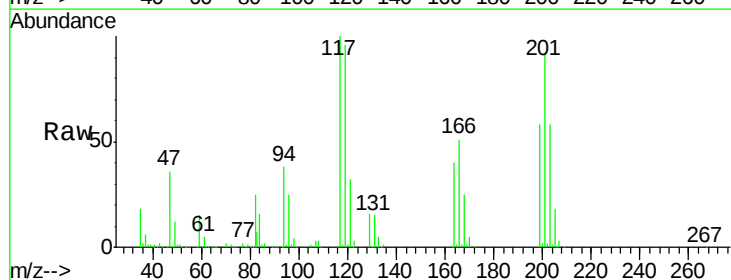
RT: 7.22 min Scan# 449

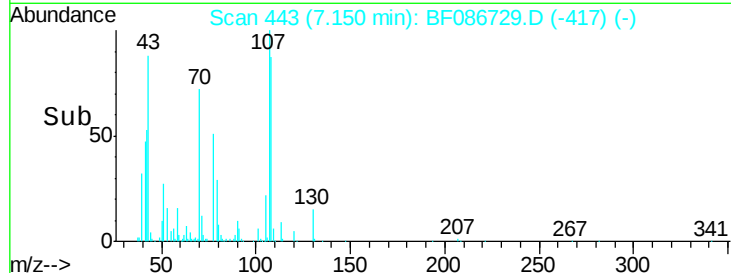
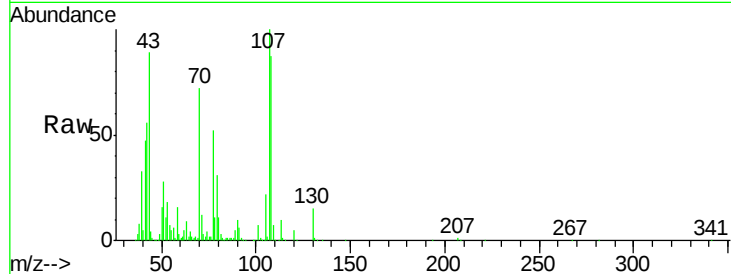
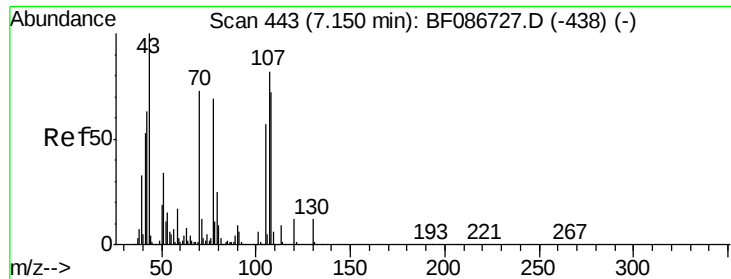
Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Tgt Ion:	117	Resp:	178958
Ion Ratio	Lower	Upper	
117	100		
119	96.0	76.5	114.7
201	92.1	63.0	94.6





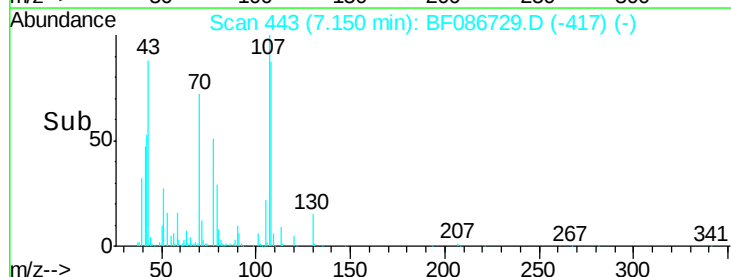
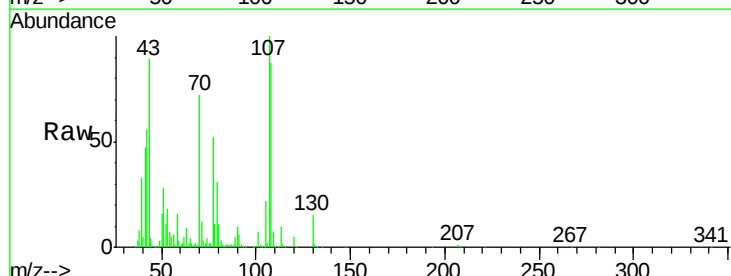
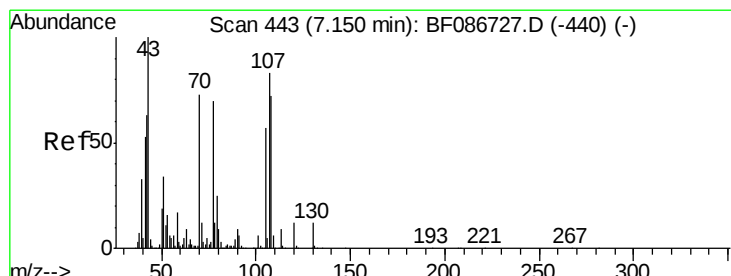
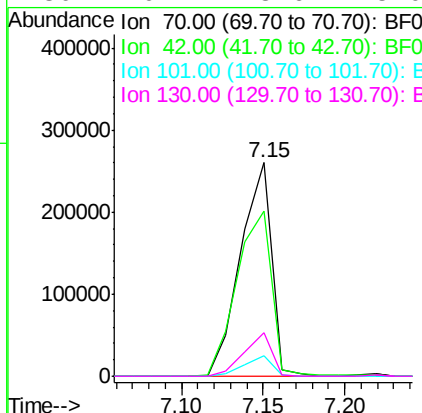
#19
n-Nitroso-di-n-propylamine
Concen: 39.99 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

Manual Integrations
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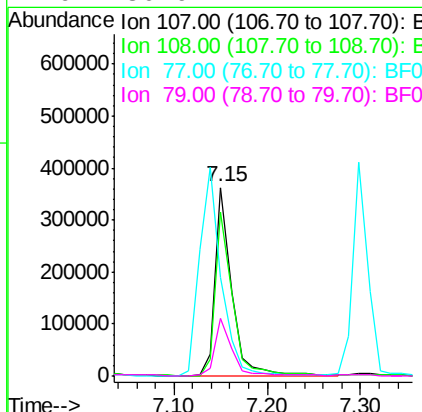
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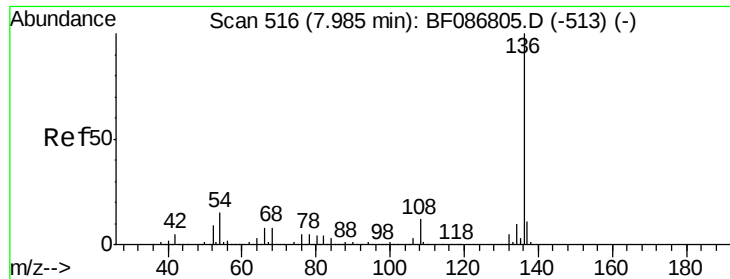
Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	77.4	43.1	64.7#	
101	9.3	8.1	12.1	
130	20.4	18.6	28.0	



#20
3+4-Methylphenols
Concen: 41.96 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.2	68.5	108.5	
77	52.5	101.6	141.6#	
79	30.9	7.4	47.4	





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF086729.D

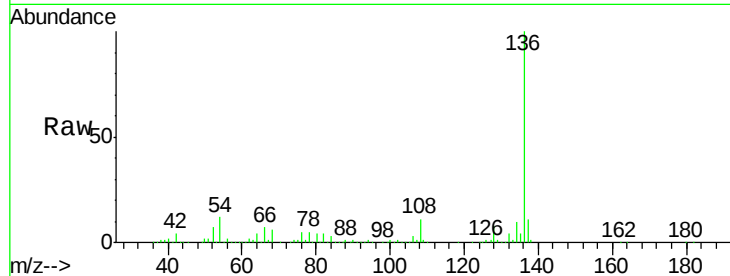
Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

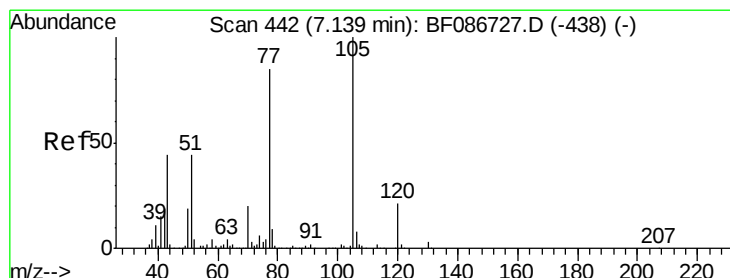
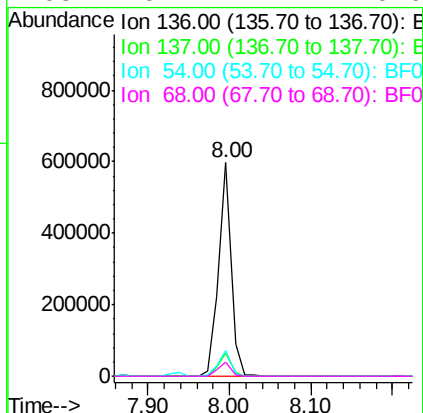
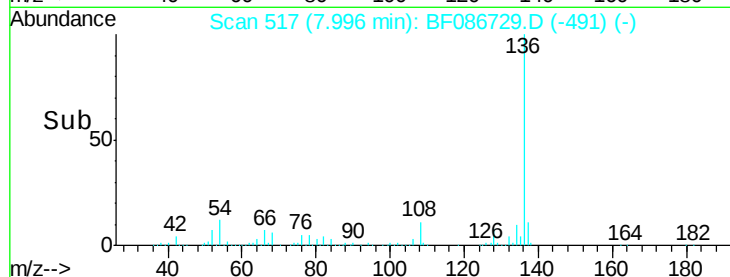
PB90268BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	640054		
137	10.9	8.8	13.2	
54	11.9	5.0	7.4#	
68	6.4	4.4	6.6	

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#22

Acetophenone

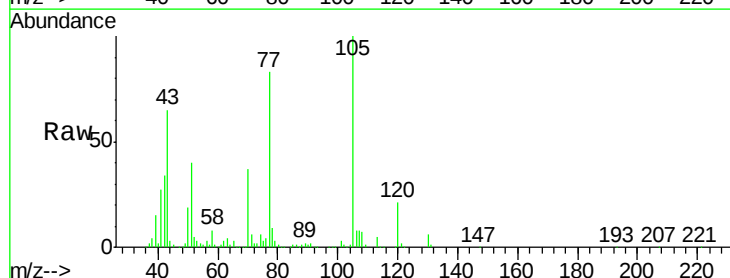
Concen: 41.16 ng

RT: 7.14 min Scan# 442

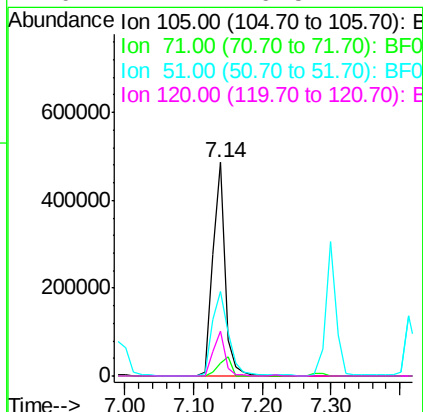
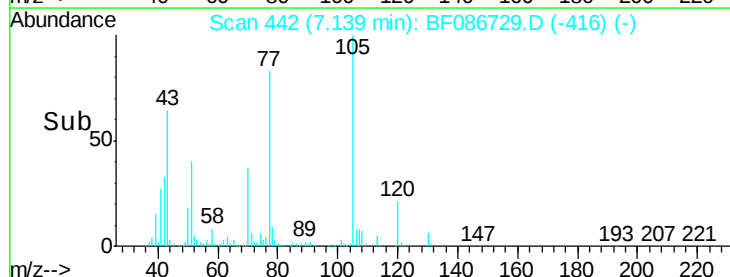
Delta R.T. 0.00 min

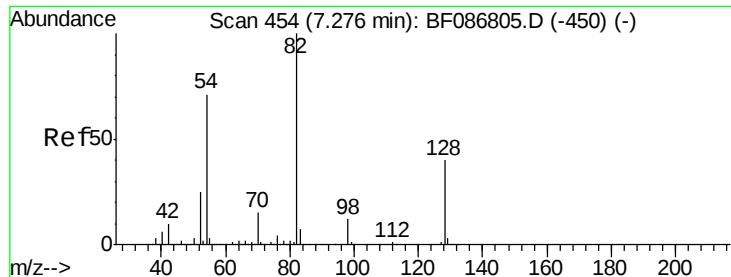
Lab File: BF086729.D

Acq: 6 May 2016 17:40



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	613915		
71	6.2	4.8	7.2	
51	39.7	32.6	49.0	
120	21.1	16.5	24.7	





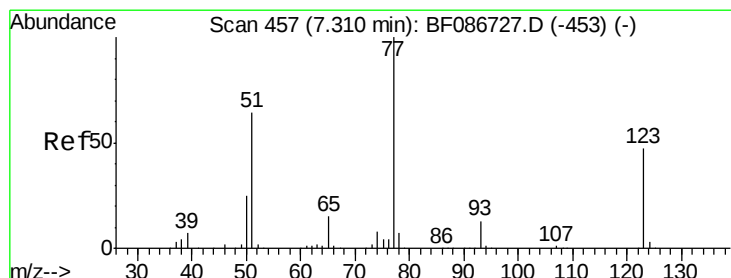
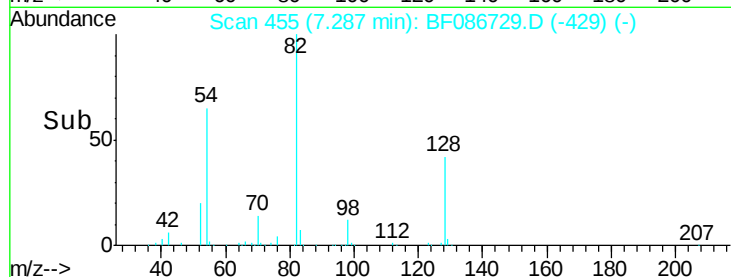
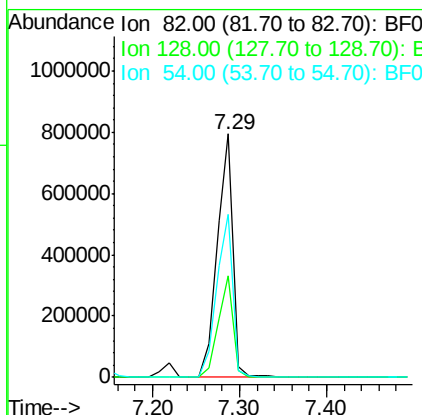
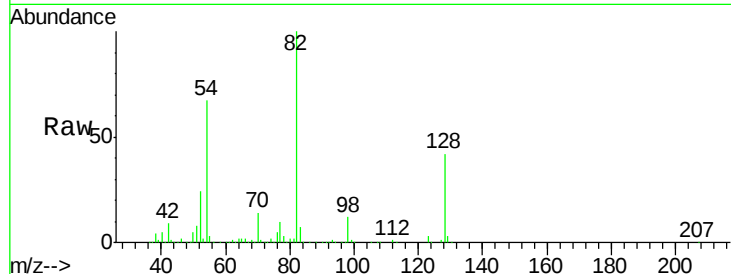
#23
 Nitrobenzene-d5
 Concen: 81.49 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90268BS

Tgt Ion: 82 Resp: 1014944
 Ion Ratio Lower Upper
 82 100
 128 41.6 40.6 61.0
 54 67.1 38.1 57.1#

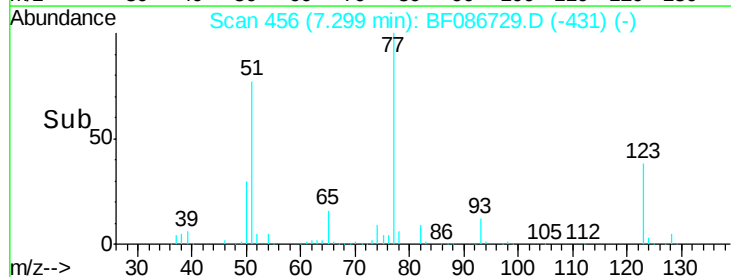
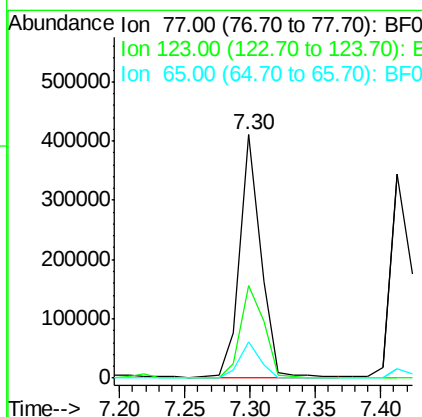
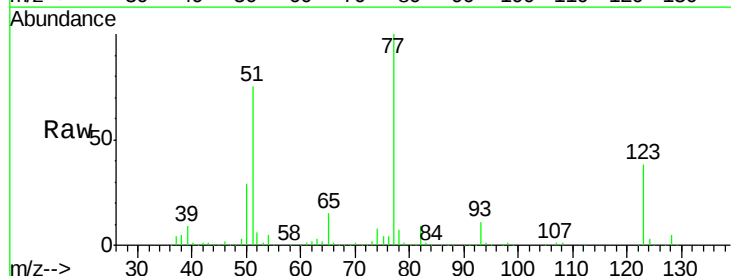
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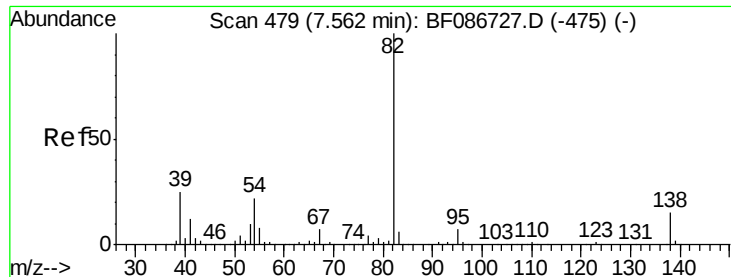
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#24
 Nitrobenzene
 Concen: 35.36 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion: 77 Resp: 455318
 Ion Ratio Lower Upper
 77 100
 123 37.9 33.0 49.4
 65 15.2 10.8 16.2





#25

Isophorone

Concen: 38.88 ng

RT: 7.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

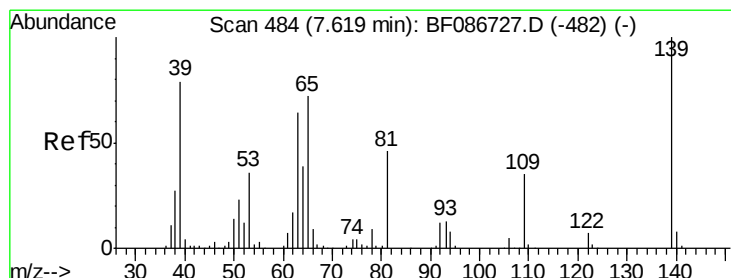
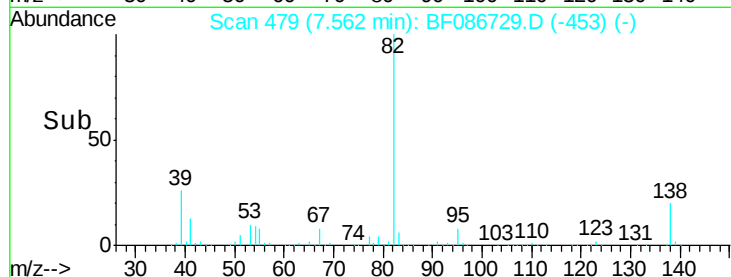
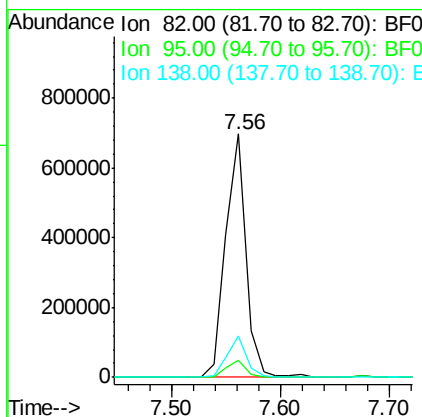
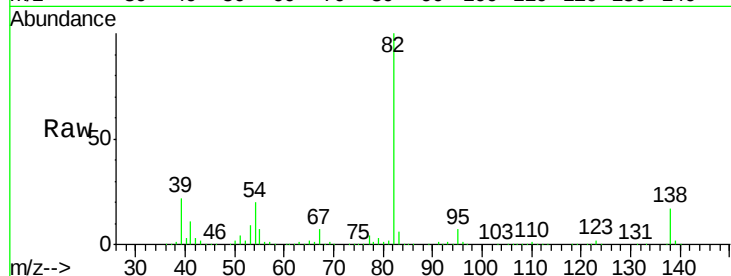
ClientSampleId :

PB90268BS

Tgt Ion:	82	Resp:	901830
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.1	7.7
138	17.0	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.83 ng

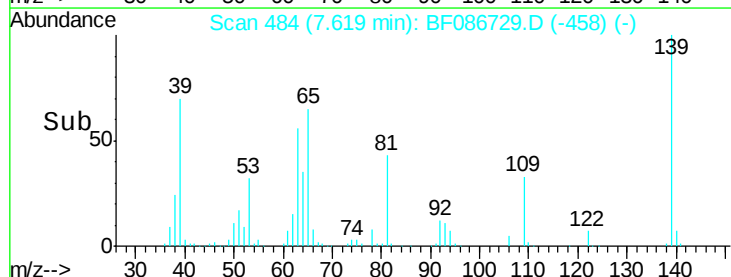
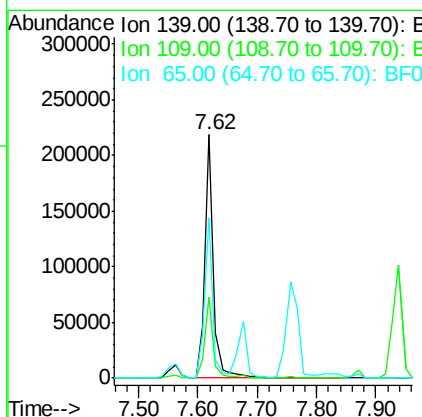
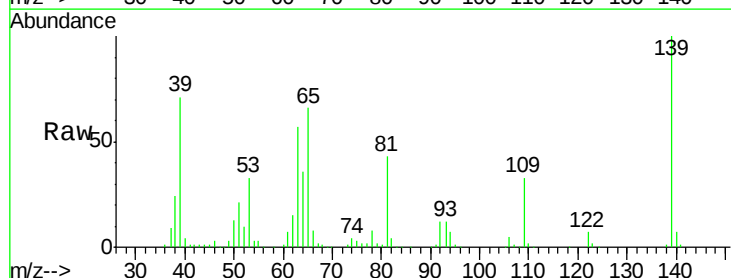
RT: 7.62 min Scan# 484

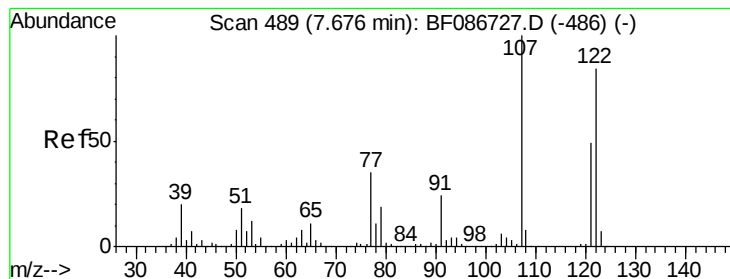
Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Tgt Ion:	139	Resp:	228829
Ion Ratio		Lower	Upper
139	100		
109	33.2	19.5	29.3#
65	65.7	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 40.99 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

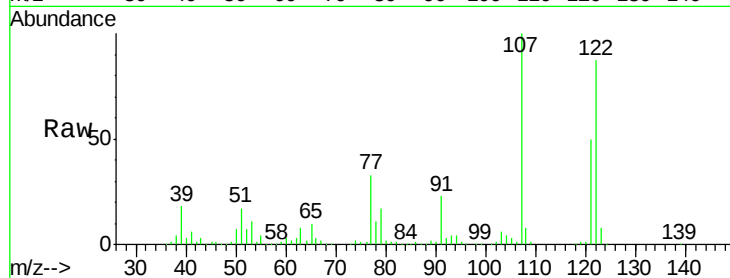
ClientSampleId :

PB90268BS

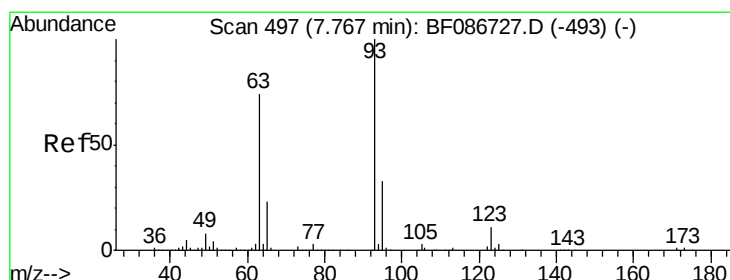
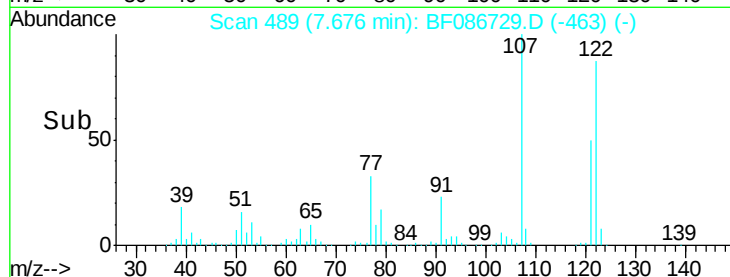
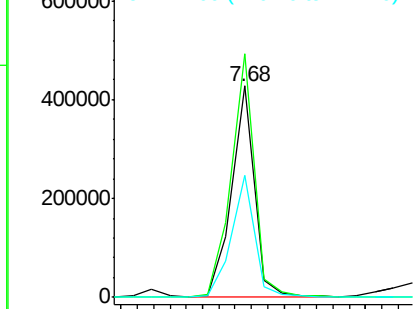
Tgt Ion:	122	Resp:	413548
Ion Ratio	Lower	Upper	
122	100		
107	115.2	82.0	123.0
121	57.8	46.1	69.1

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



#28

bis(2-Chloroethoxy)methane

Concen: 40.91 ng

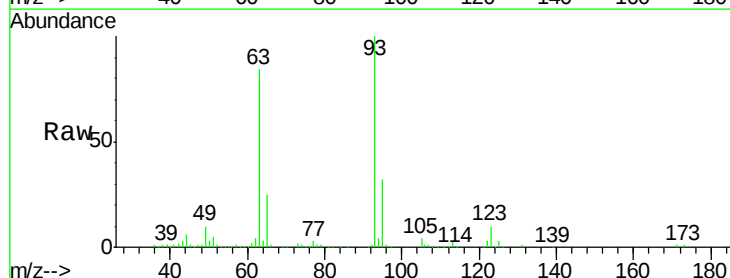
RT: 7.76 min Scan# 496

Delta R.T. -0.01 min

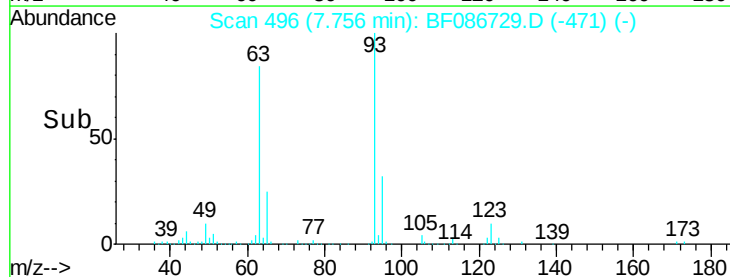
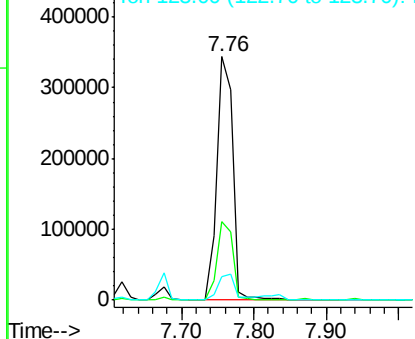
Lab File: BF086729.D

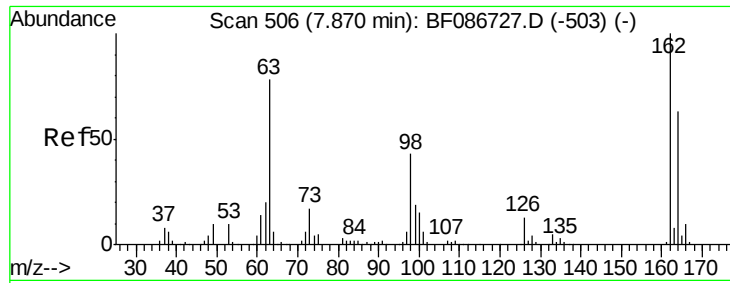
Acq: 6 May 2016 17:40

Tgt Ion:	93	Resp:	522273
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.0	39.0
123	9.5	9.5	14.3



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





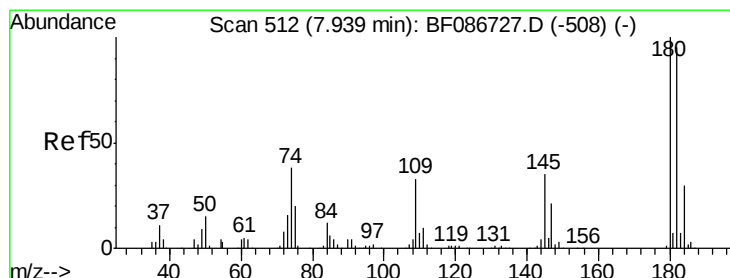
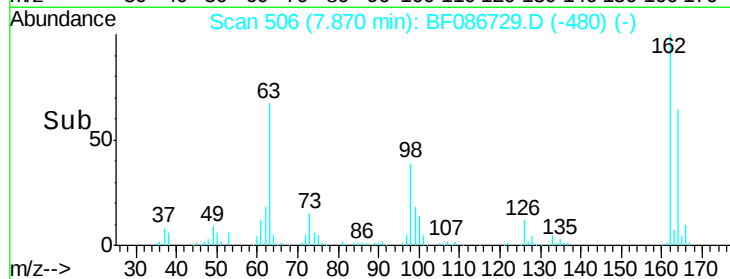
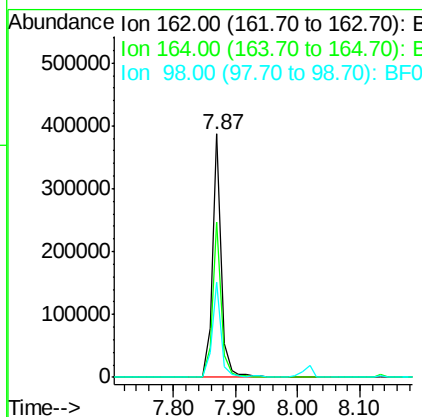
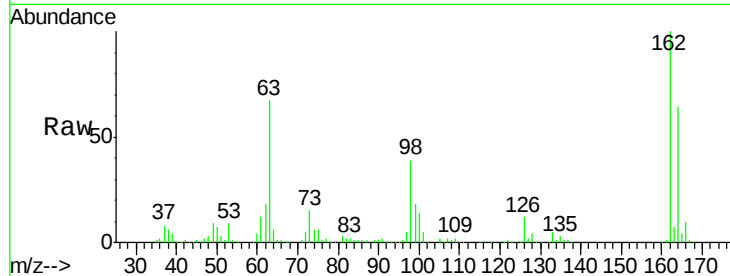
#29
 2,4-Dichlorophenol
 Concen: 43.67 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90268BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	378806		
164	63.6	42.2	82.2	
98	38.9	19.0	59.0	

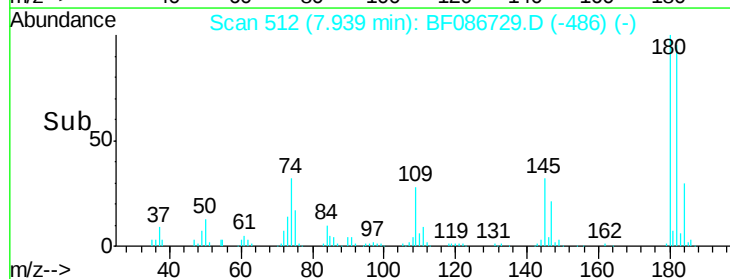
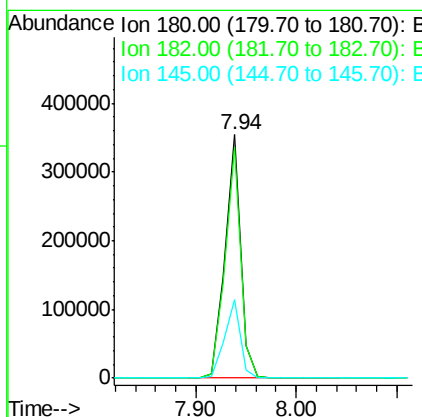
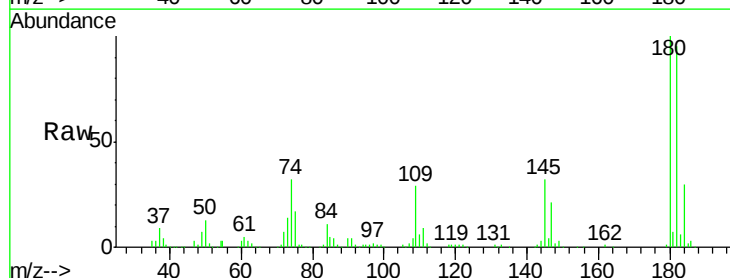
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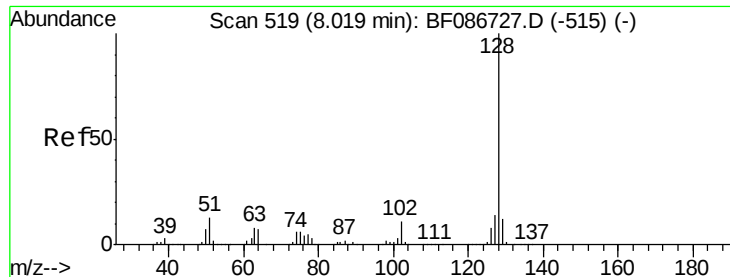
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.78 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	384979		
182	95.0	78.0	117.0	
145	32.5	24.2	36.2	





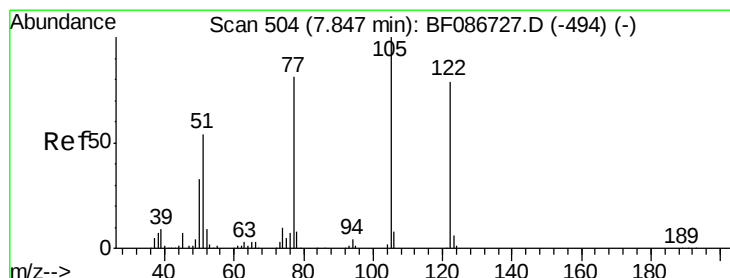
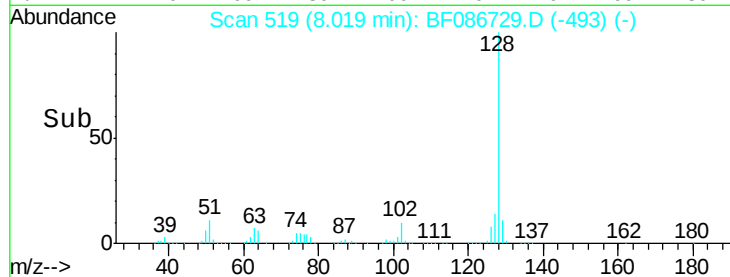
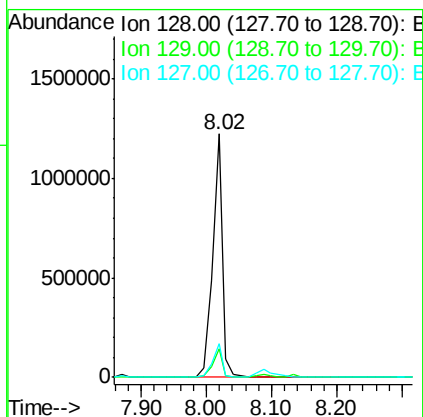
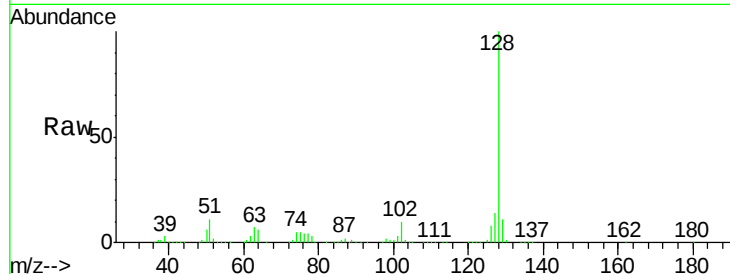
#31
Naphthalene
Concen: 39.82 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

Tgt Ion:128 Resp: 1302163
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.7 10.8 16.2

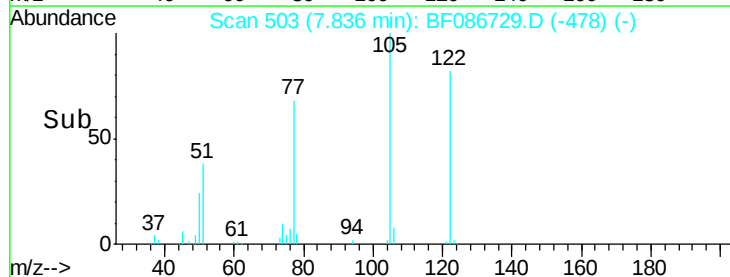
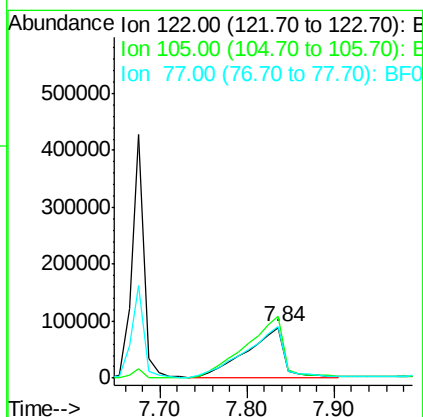
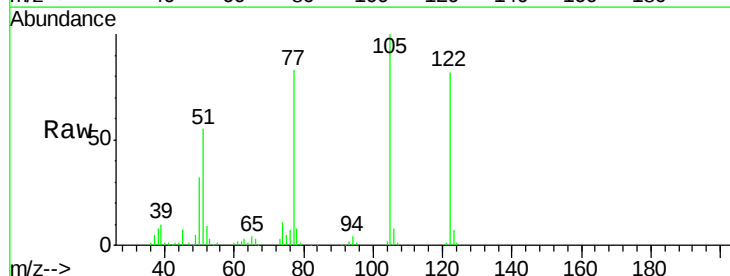
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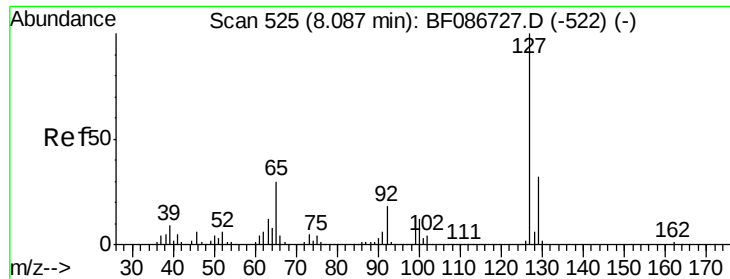
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#32
Benzoic acid
Concen: 63.71 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion:122 Resp: 263901
Ion Ratio Lower Upper
122 100
105 122.2 92.6 132.6
77 101.8 60.0 100.0#





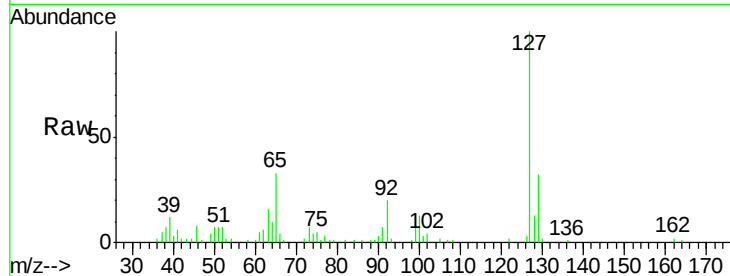
#33
4-Chloroaniline
Concen: 6.78 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

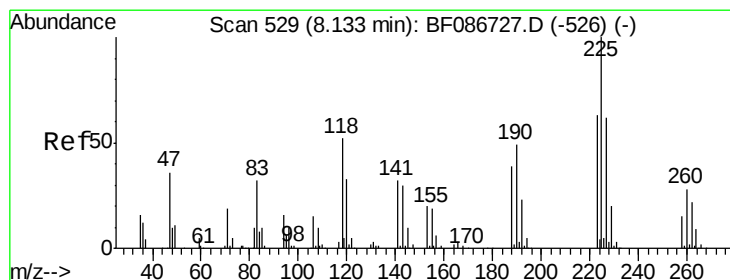
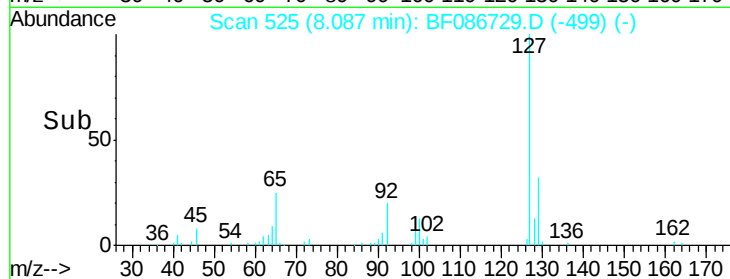
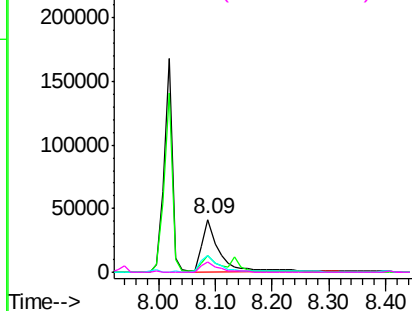
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	85895		
129	31.7	26.2	39.4	
65	33.0	23.0	34.4	
92	19.7	15.1	22.7	

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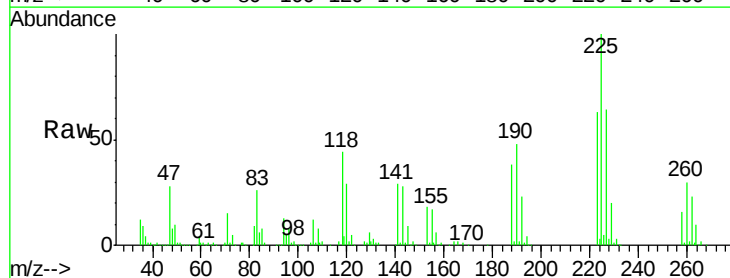


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

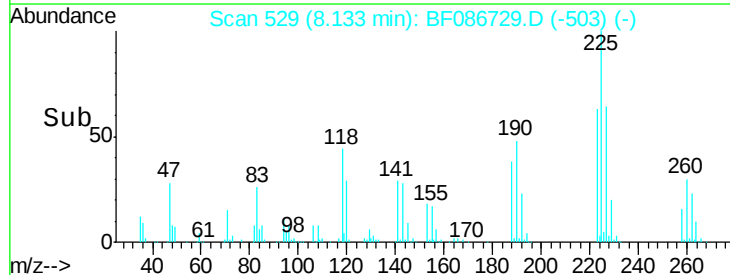
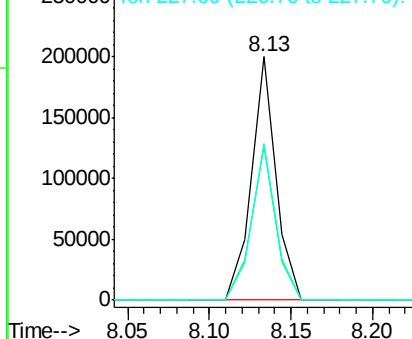


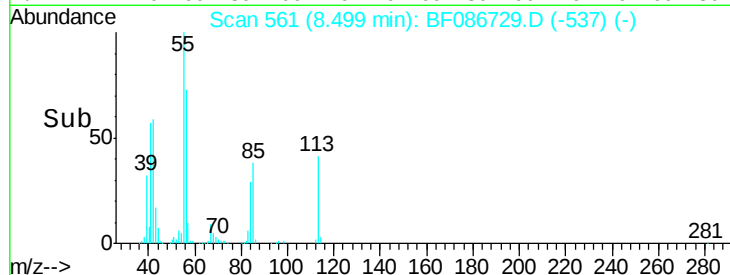
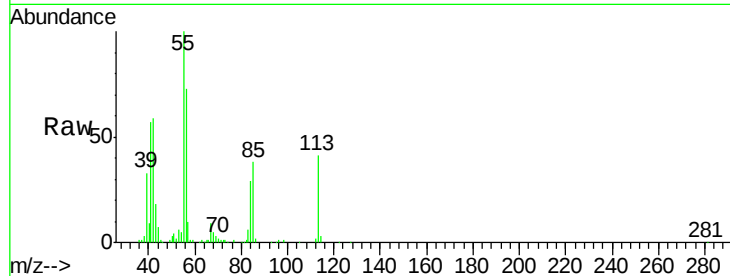
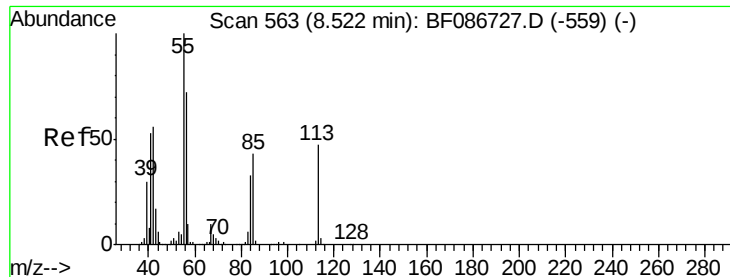
#34
Hexachlorobutadiene
Concen: 38.20 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	209883		
223	63.5	51.5	77.3	
227	64.1	52.2	78.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





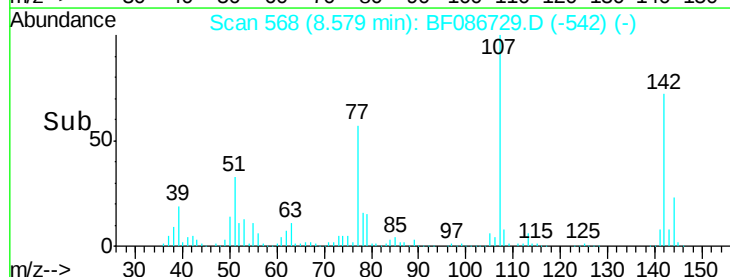
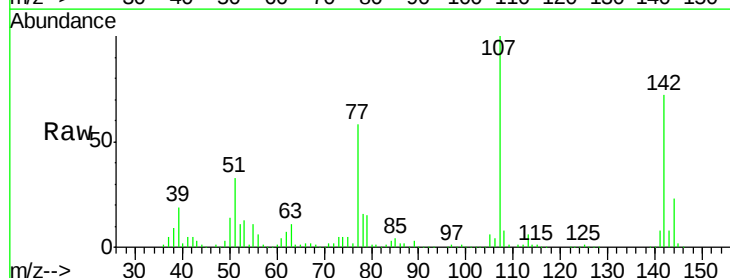
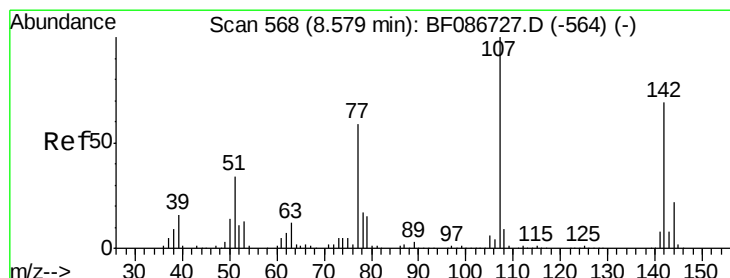
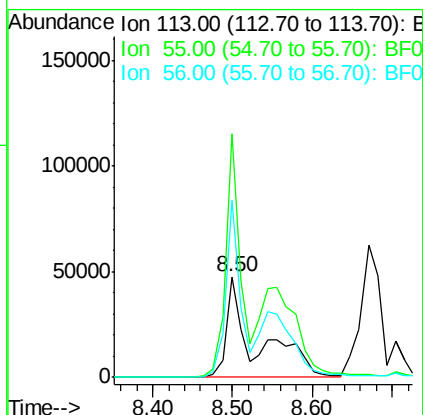
#35
Caprolactam
Concen: 45.61 ng m
RT: 8.50 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	122473		
55	242.9	162.0	202.0#	
56	176.5	115.3	155.3#	

Instrument :
BNA_F
ClientSampleId :
PB90268BS

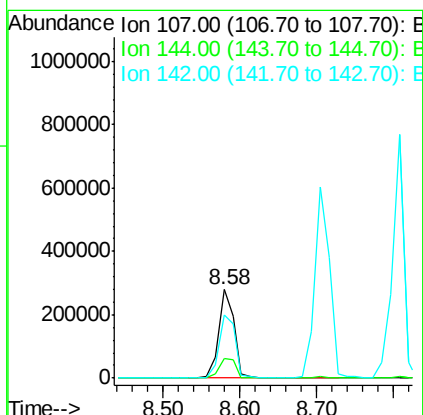
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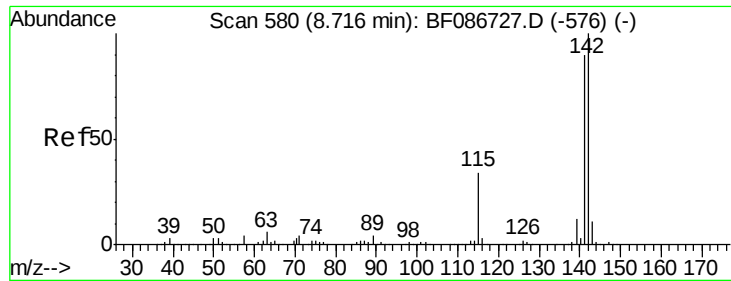
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#36
4-Chloro-3-methylphenol
Concen: 40.10 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	396817		
144	22.8	20.7	31.1	
142	71.7	63.2	94.8	





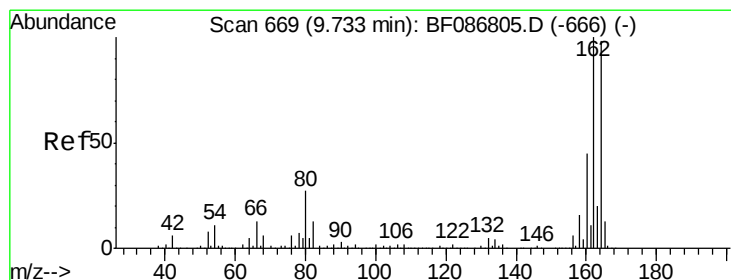
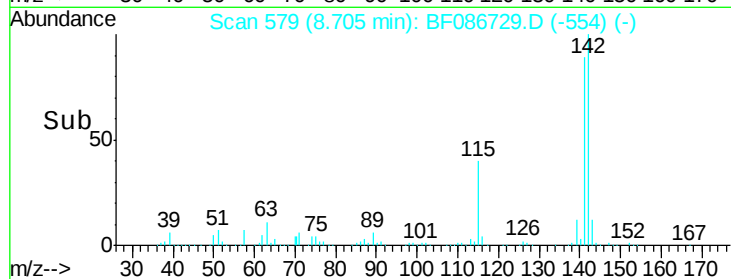
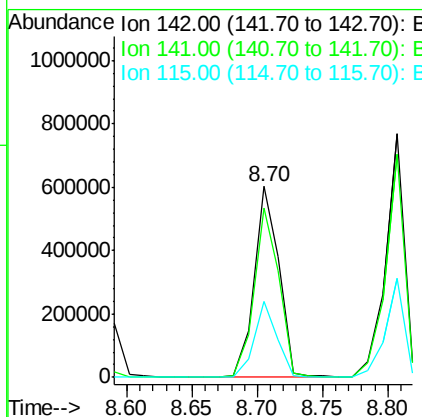
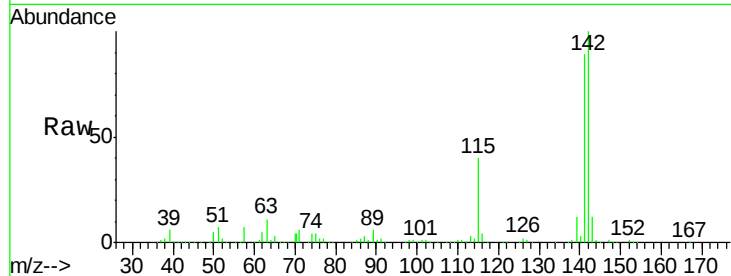
#37
2-Methylnaphthalene
Concen: 41.27 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	40.1	26.6	39.8

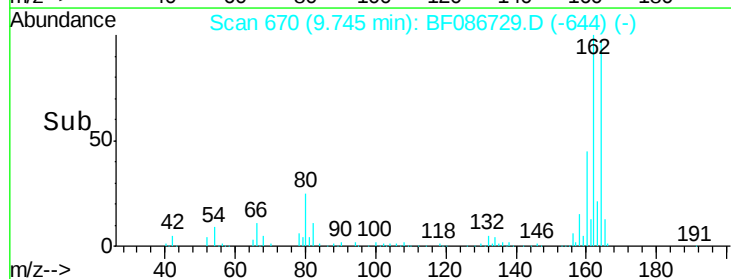
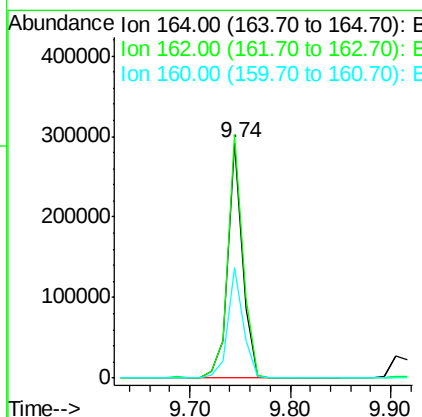
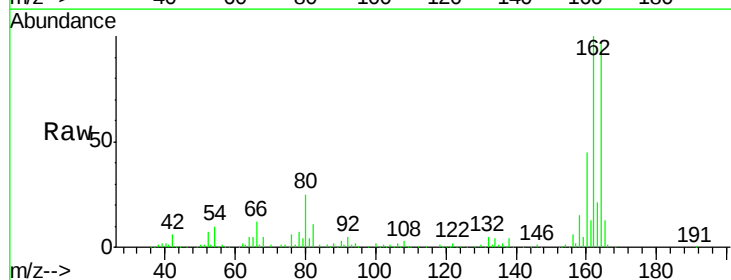
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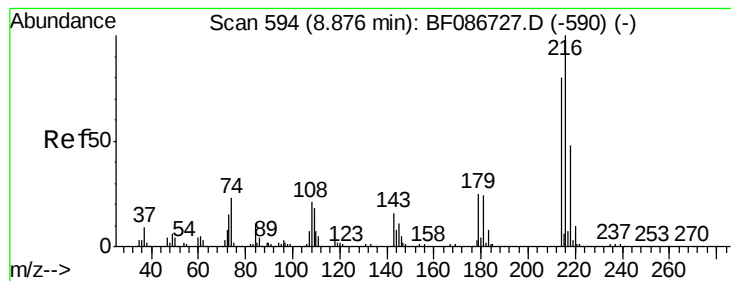
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#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.8	124.2
160	46.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.12 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF086729.D

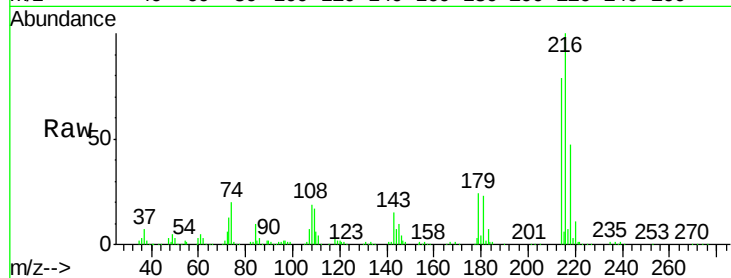
Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

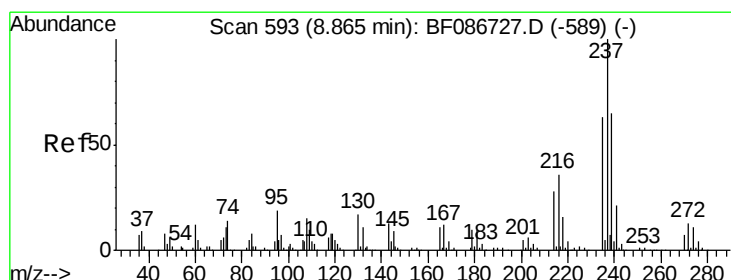
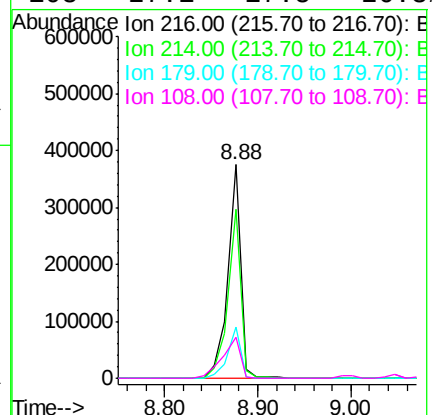
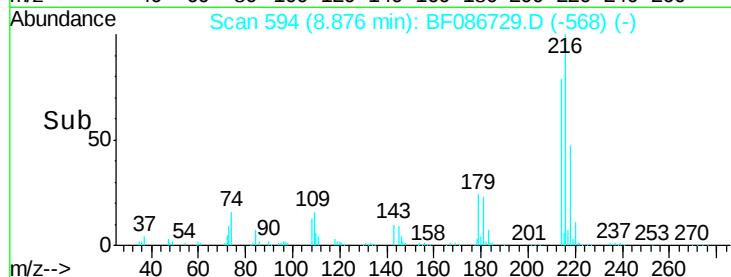
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	357154		
214	78.8	62.6	93.8	
179	24.2	18.2	27.4	
108	27.1	17.5	26.3	

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#40

Hexachlorocyclopentadiene

Concen: 110.43 ng

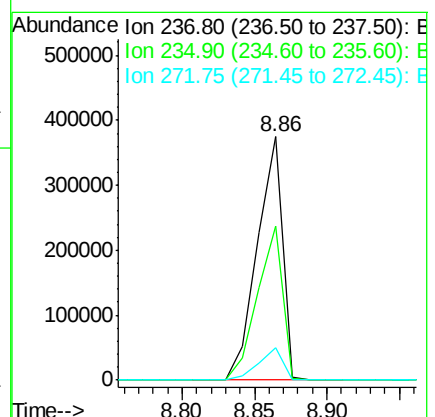
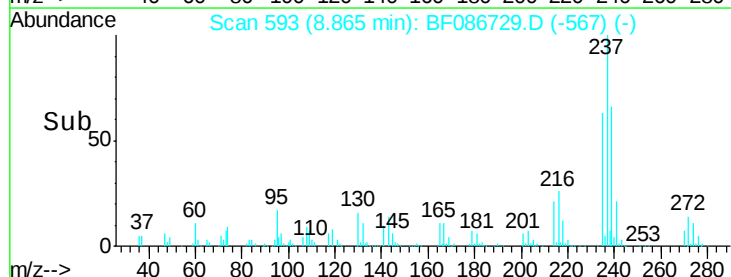
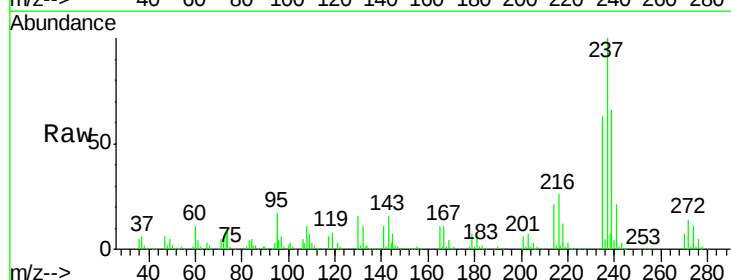
RT: 8.86 min Scan# 593

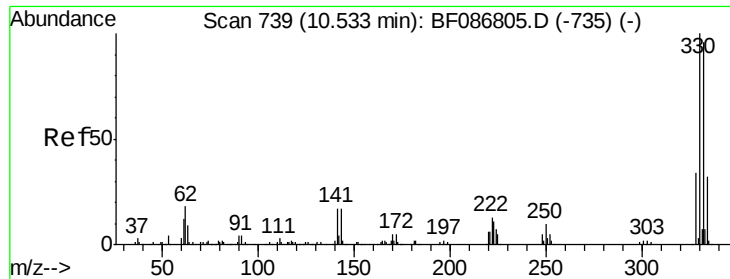
Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	452259		
235	63.3	47.2	87.2	
272	13.5	0.0	31.1	





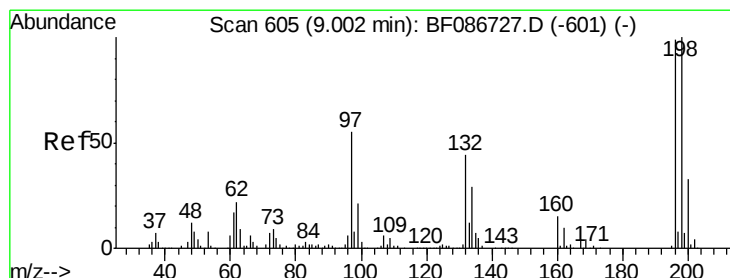
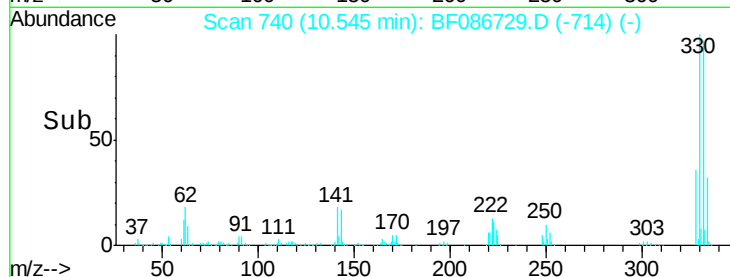
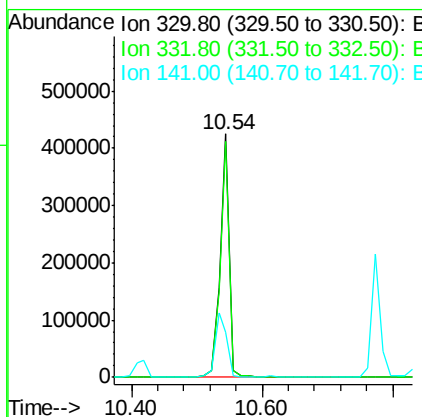
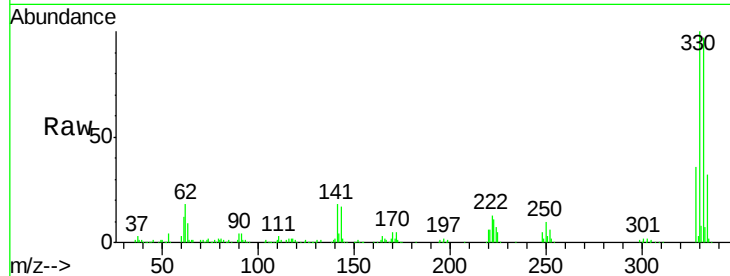
#41
 2,4,6-Tribromophenol
 Concen: 145.60 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90268BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	427429		
332	96.6	79.0	118.4	
141	33.5	31.2	46.8	

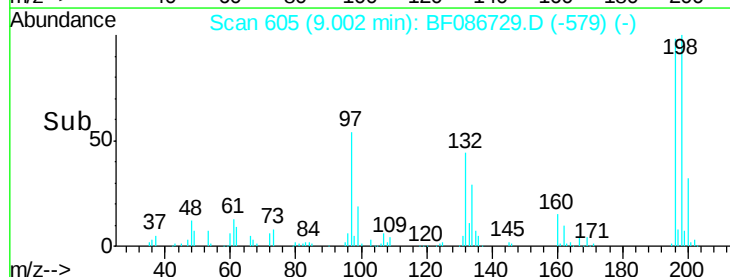
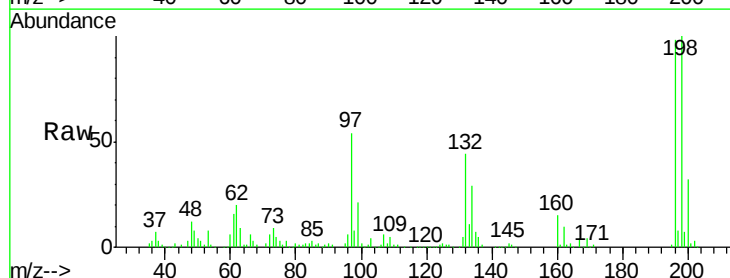
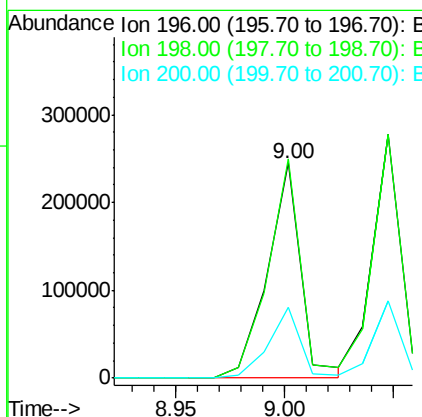
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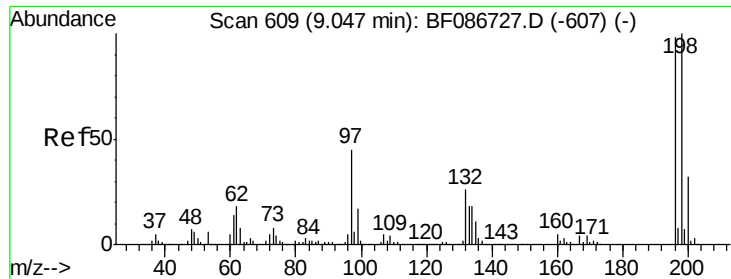
Sohil
 5/9/2016 7:17:12 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.67 ng
 RT: 9.00 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	263299		
198	102.4	74.7	112.1	
200	32.8	23.8	35.6	





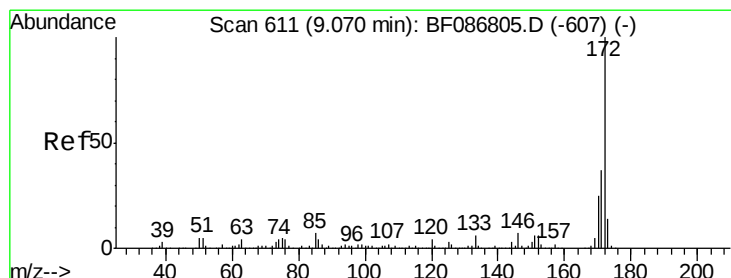
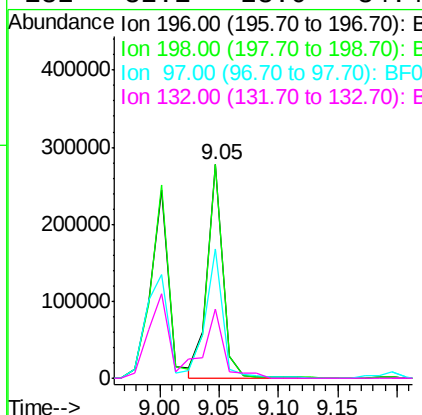
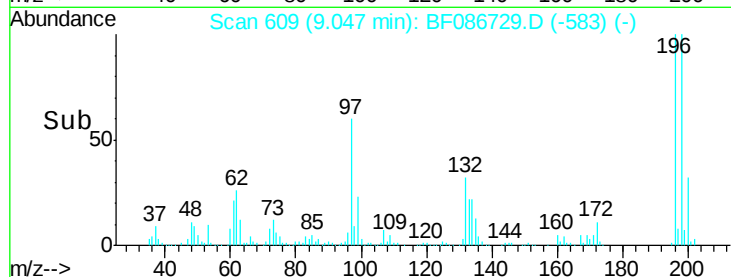
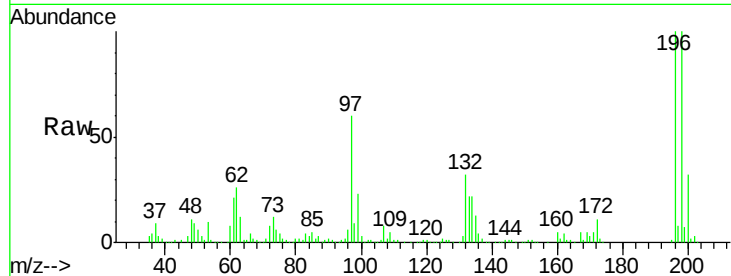
#43
 2,4,5-Trichlorophenol
 Concen: 44.43 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleID :
 PB90268BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256404		
198	100.0	77.5	116.3	
97	60.2	34.8	52.2	
132	32.1	23.0	34.4	

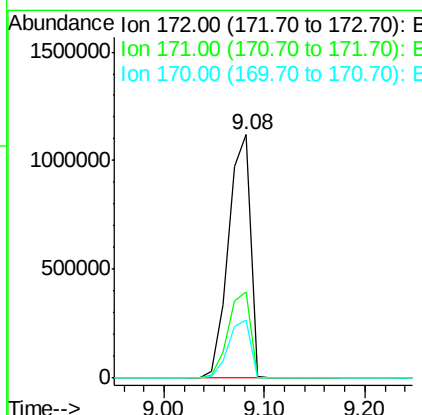
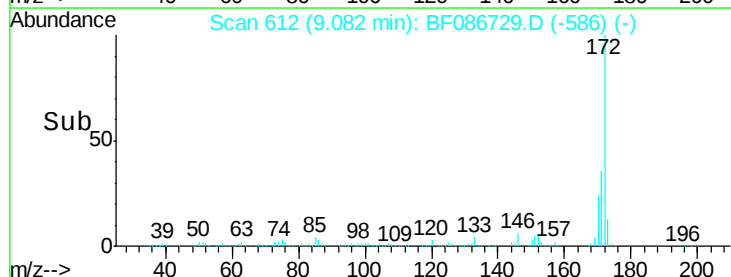
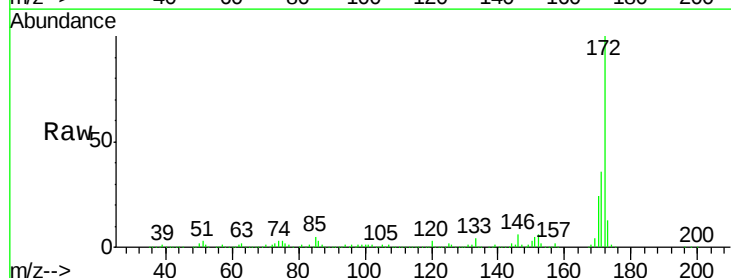
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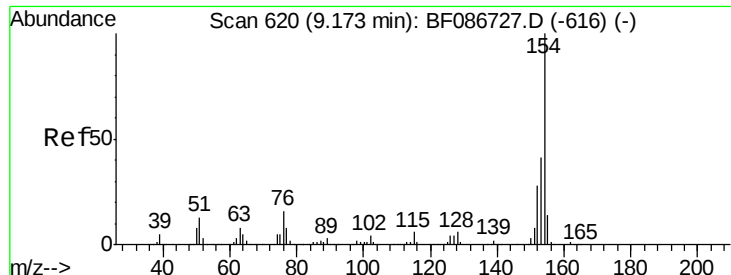
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#44
 2-Fluorobiphenyl
 Concen: 93.00 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1702503		
171	35.6	29.0	43.6	
170	24.1	19.8	29.8	





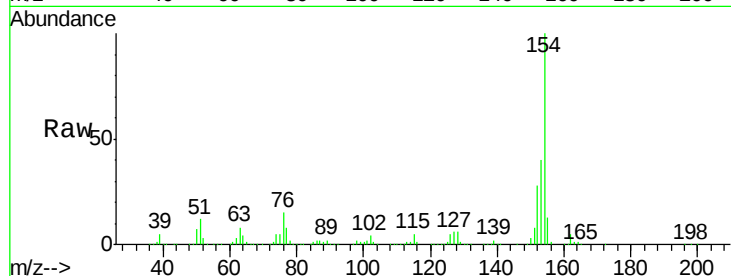
#45
 1,1'-Biphenyl
 Concen: 40.73 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90268BS

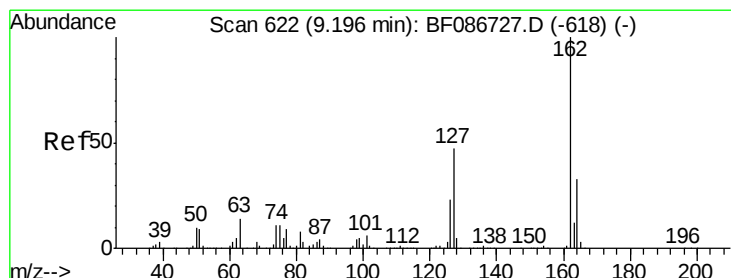
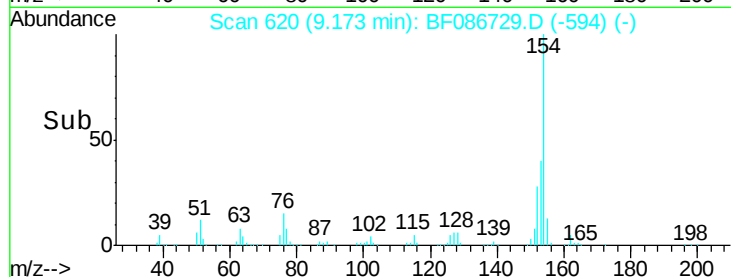
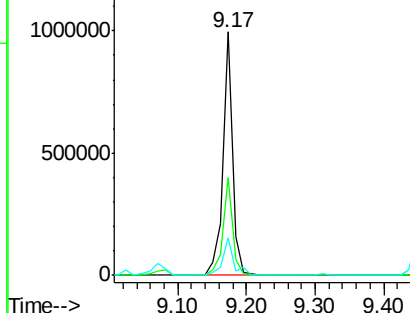
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	999229		
153	40.3	20.3	60.3	
76	15.3	0.0	30.2	

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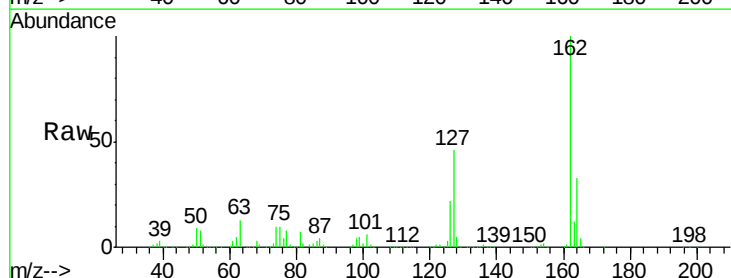


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

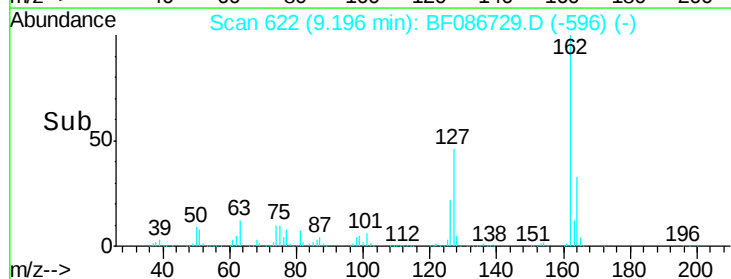
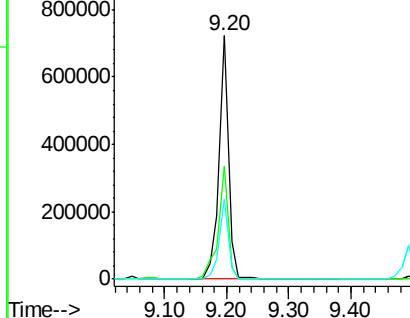


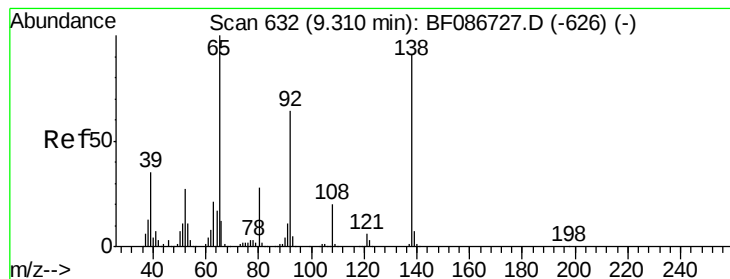
#46
 2-Chloronaphthalene
 Concen: 39.44 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	746668		
127	46.3	31.8	47.6	
164	33.0	27.0	40.6	



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





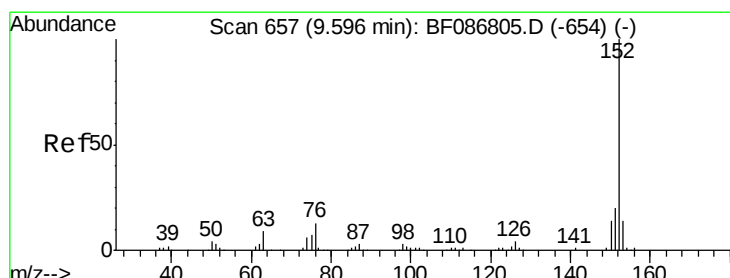
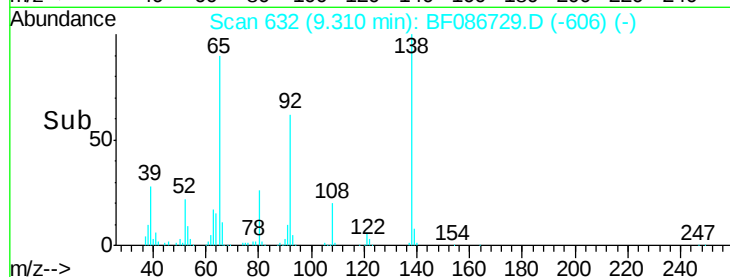
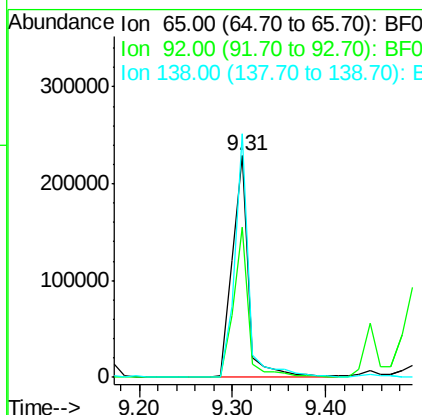
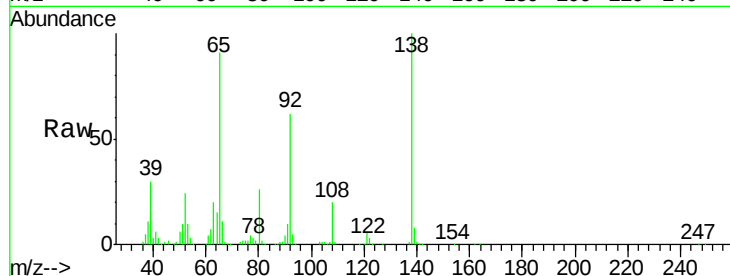
#47
2-Nitroaniline
Concen: 41.72 ng
RT: 9.31 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	280811		
92	67.6	57.4	86.2	
138	110.0	90.1	135.1	

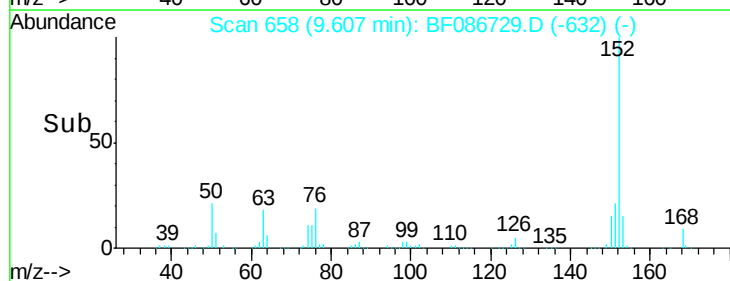
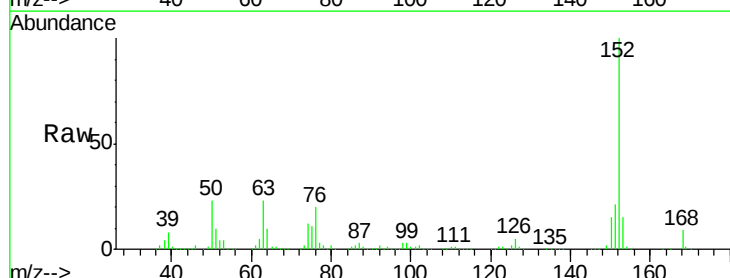
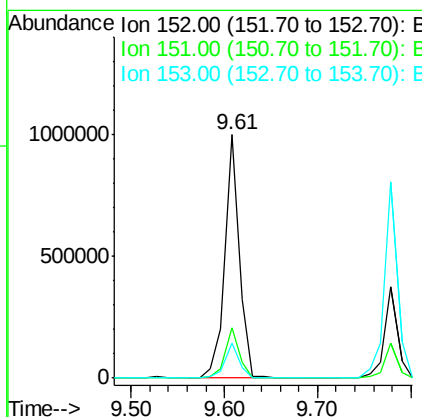
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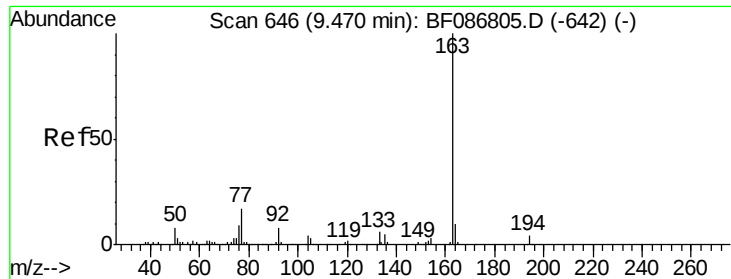
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#48
Acenaphthylene
Concen: 38.86 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1092052		
151	20.9	16.8	25.2	
153	14.5	10.9	16.3	





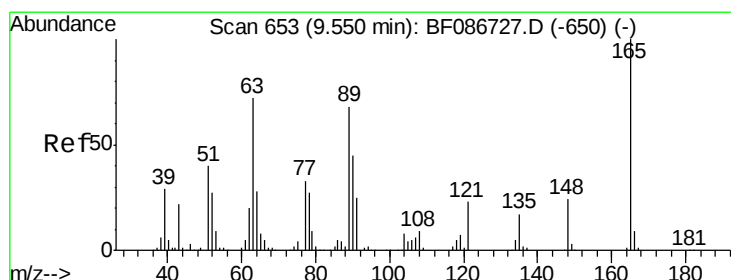
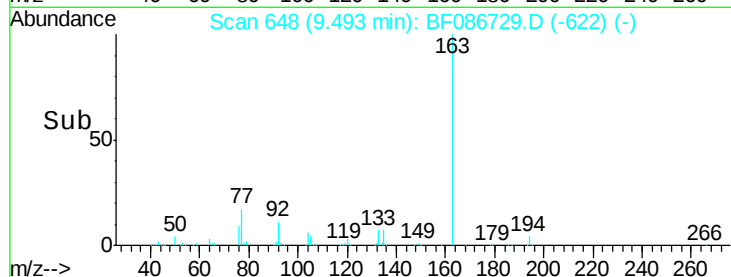
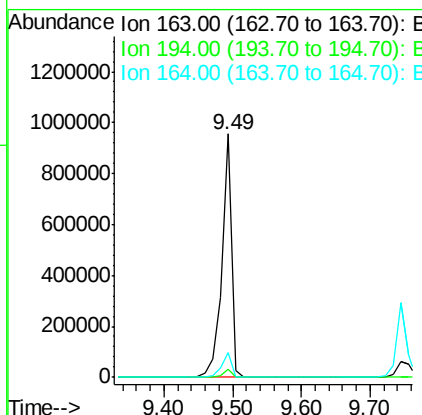
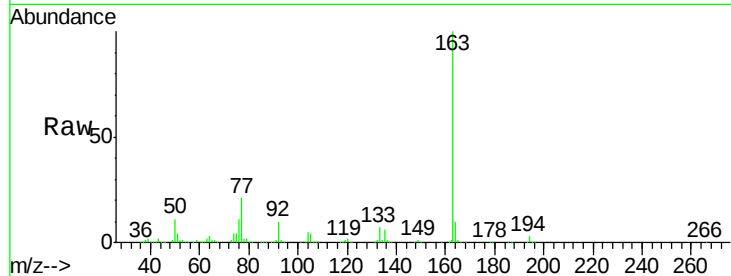
#49
Dimethylphthalate
Concen: 42.92 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

Tgt Ion:	163	Resp:	960211
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	10.3	8.2	12.4

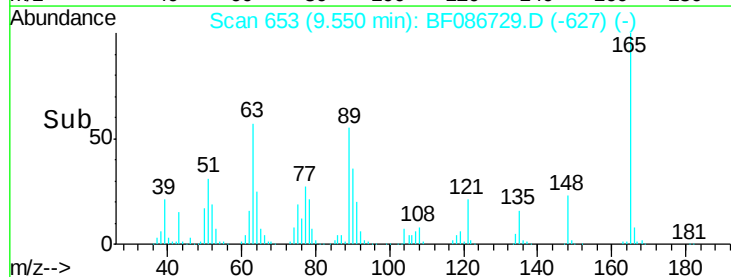
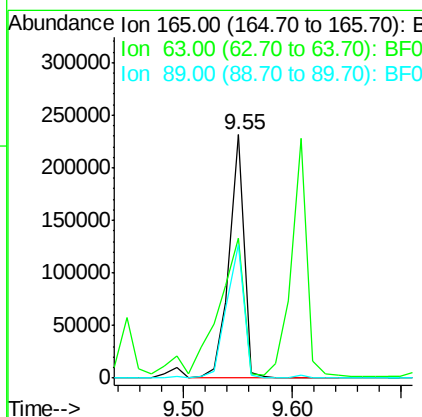
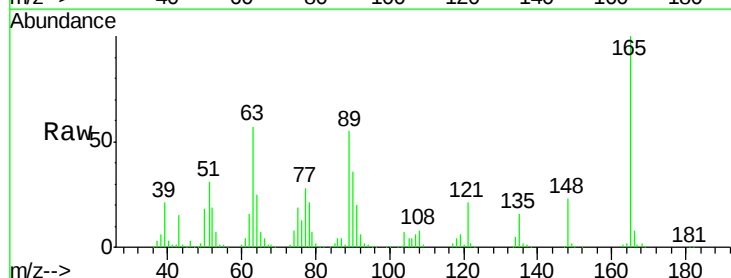
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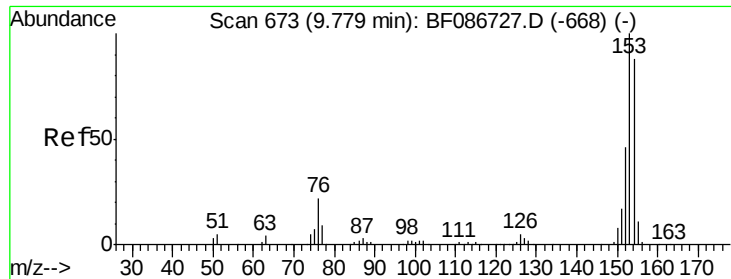
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#50
2,6-Dinitrotoluene
Concen: 46.12 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion:	165	Resp:	221423
Ion Ratio	Lower	Upper	
165	100		
63	57.4	51.8	77.8
89	54.8	50.7	76.1





#51

Acenaphthene

Concen: 37.20 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086729.D

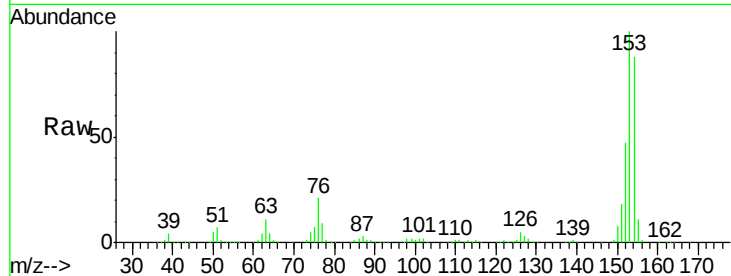
Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

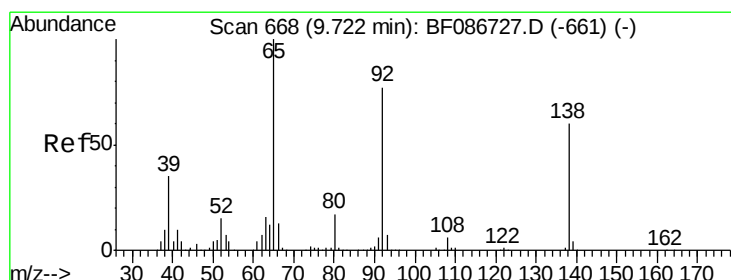
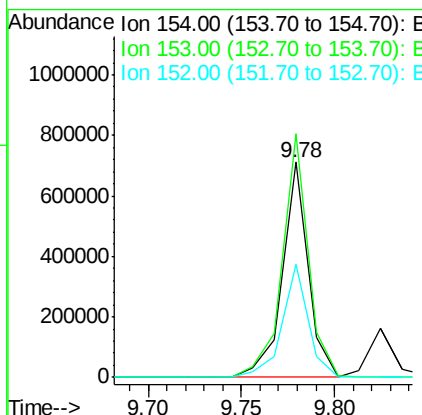
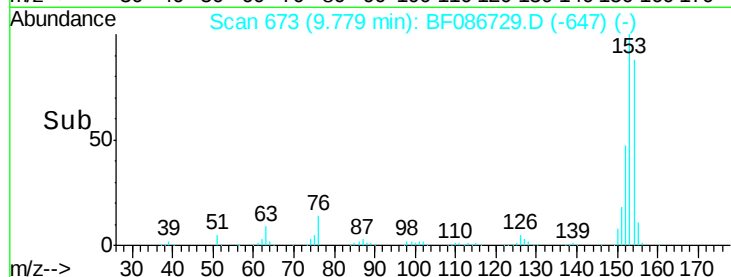
PB90268BS



Tgt Ion:	154	Resp:	689681
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.8	134.6
152	52.9	43.4	65.0

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#52

3-Nitroaniline

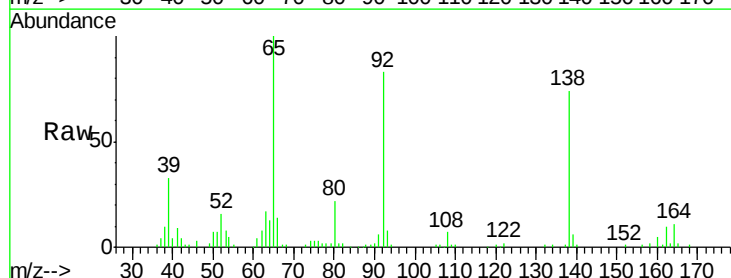
Concen: 13.94 ng

RT: 9.72 min Scan# 668

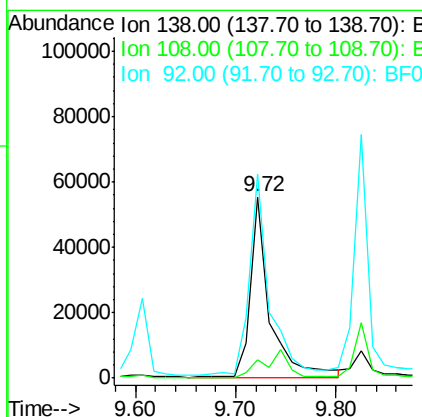
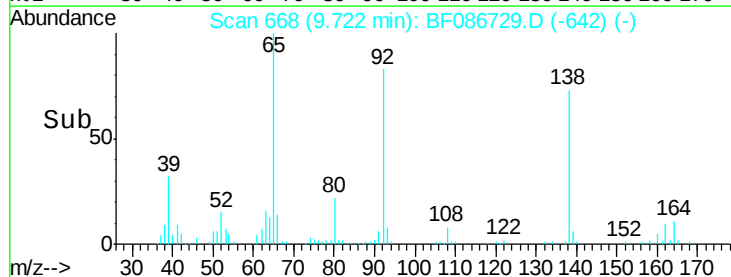
Delta R.T. 0.00 min

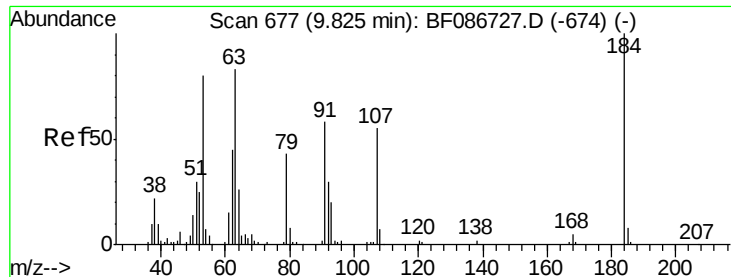
Lab File: BF086729.D

Acq: 6 May 2016 17:40



Tgt Ion:	138	Resp:	76100
Ion Ratio	Lower	Upper	
138	100		
108	10.1	7.8	11.6
92	112.9	87.8	131.8





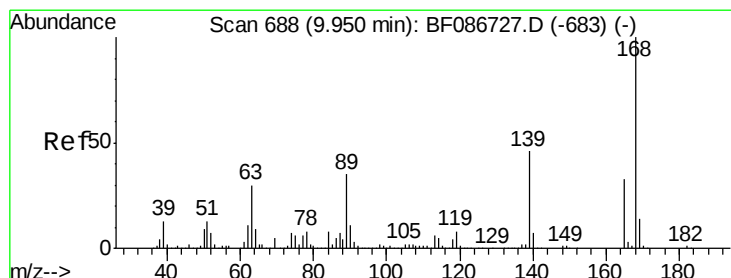
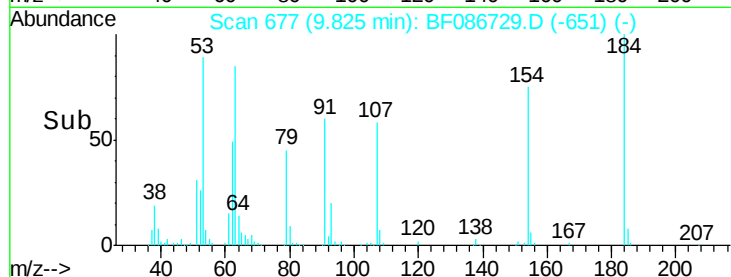
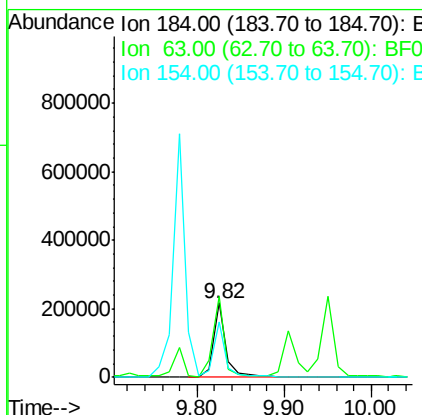
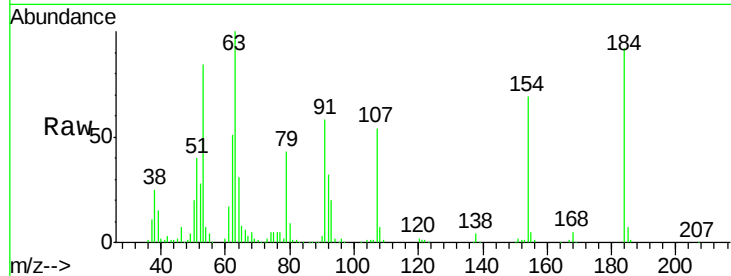
#53
2,4-Dinitrophenol
Concen: 97.72 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	220369		
63	108.6	55.8	83.8#	
154	74.7	62.4	93.6	

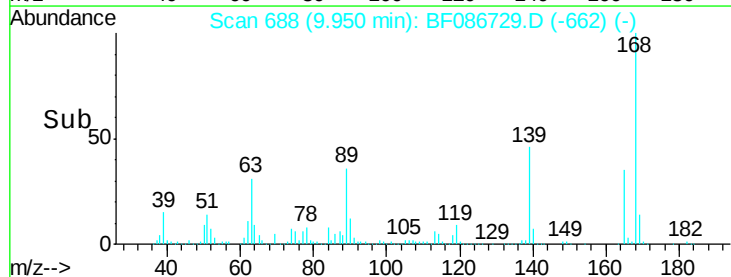
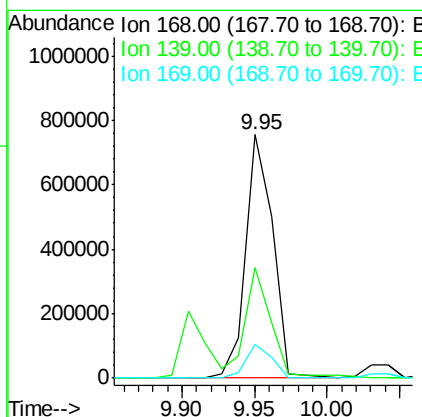
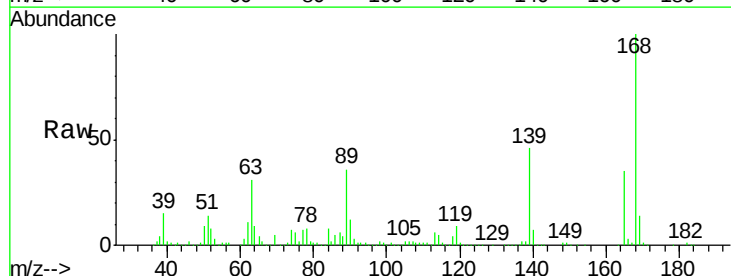
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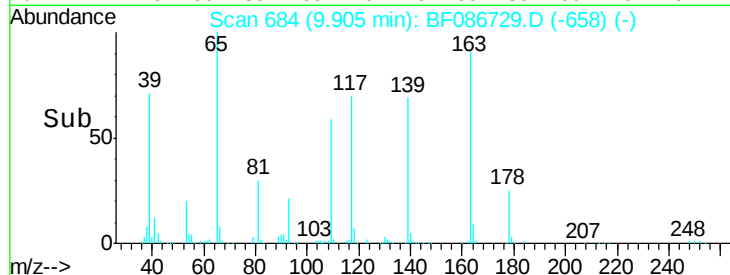
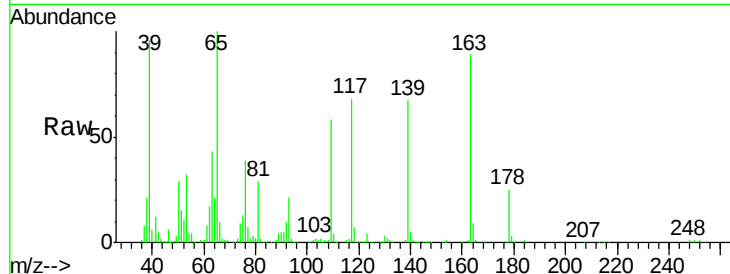
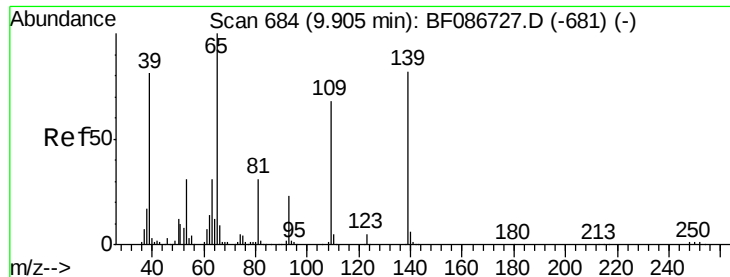
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#54
Dibenzofuran
Concen: 42.58 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	978508		
139	45.6	31.4	47.0	
169	13.8	10.7	16.1	





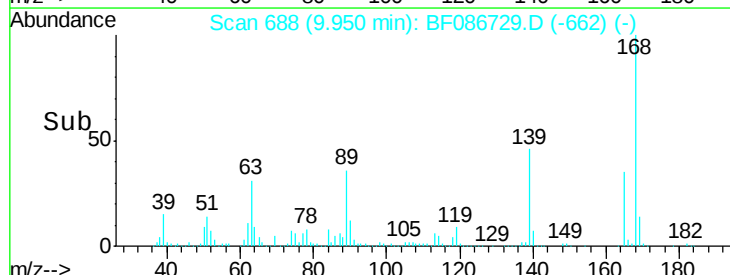
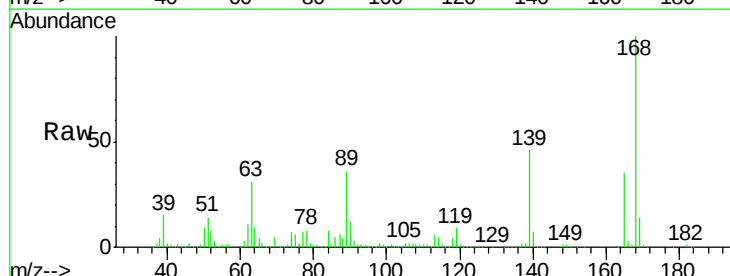
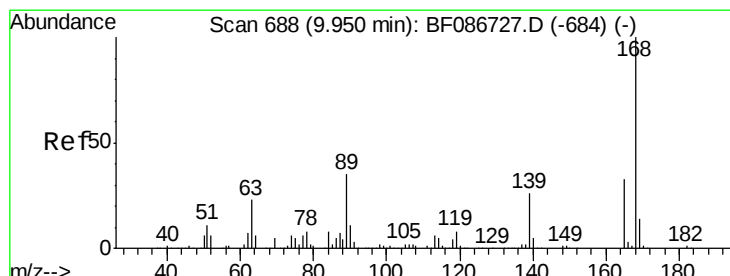
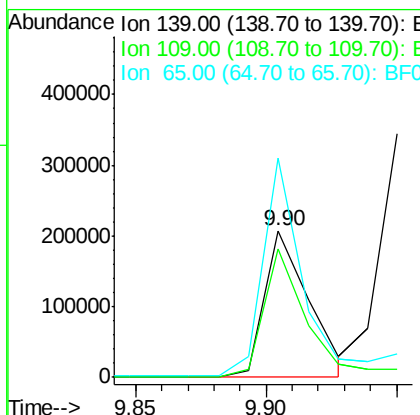
#55
4-Nitrophenol
Concen: 77.05 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	245183		
109	87.4	36.9	76.9#	
65	149.6	64.0	104.0#	

Instrument :
BNA_F
ClientSampleId :
PB90268BS

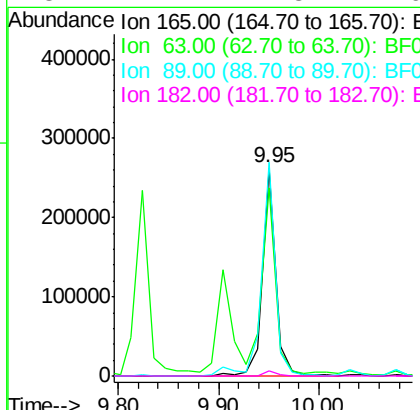
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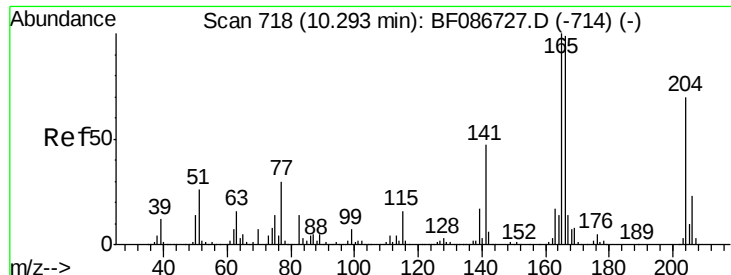
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#56
2,4-Dinitrotoluene
Concen: 40.58 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	241428		
63	90.7	44.3	66.5#	
89	102.9	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 38.69 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF086729.D

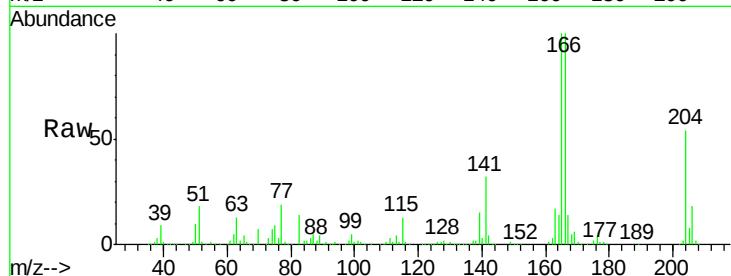
Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

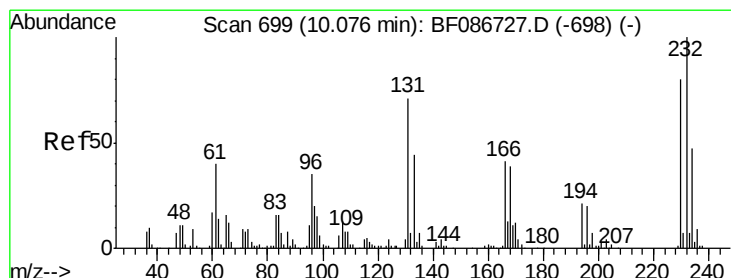
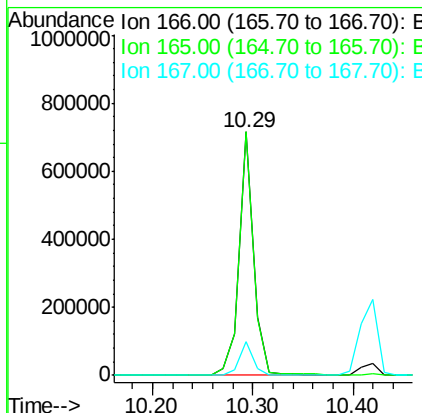
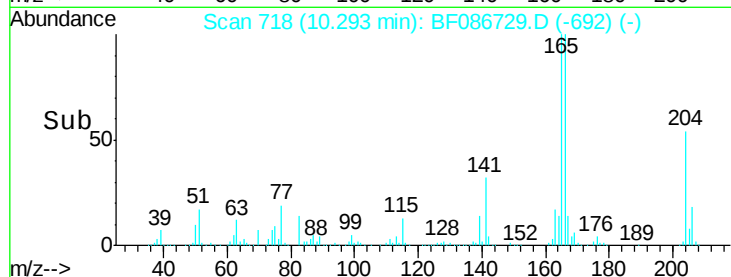
PB90268BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	720564		
165	100.2	79.0	118.6	
167	14.0	10.6	15.8	

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#58

2,3,4,6-Tetrachlorophenol

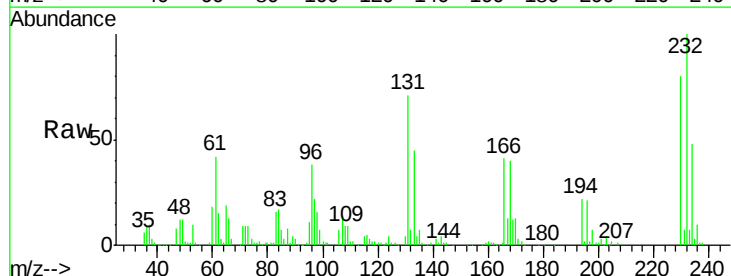
Concen: 48.46 ng

RT: 10.08 min Scan# 699

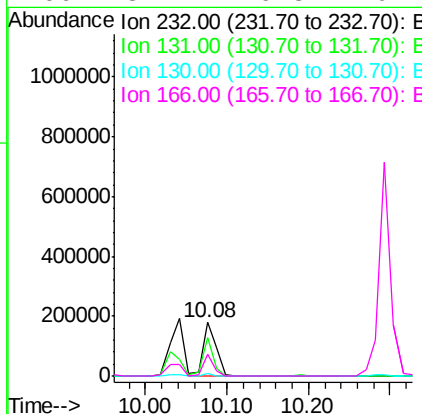
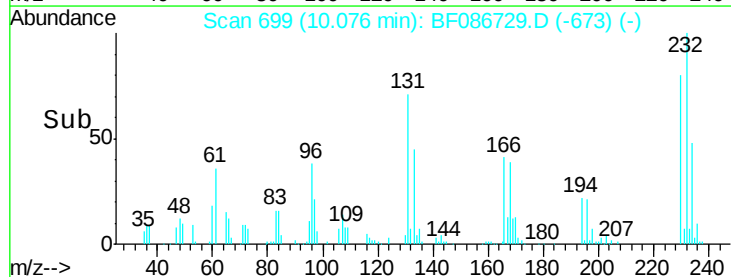
Delta R.T. 0.00 min

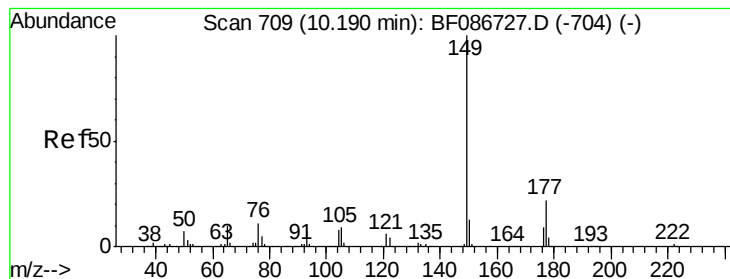
Lab File: BF086729.D

Acq: 6 May 2016 17:40



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	205400		
131	56.2	41.9	62.9	
130	3.0	2.2	3.4	
166	34.2	26.8	40.2	





#59

Diethylphthalate

Concen: 44.34 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

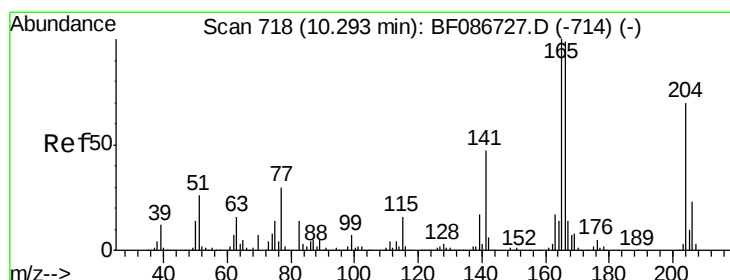
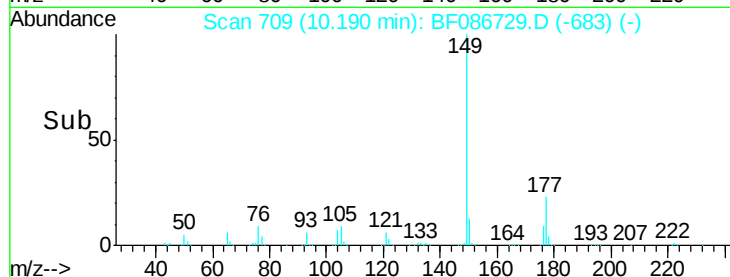
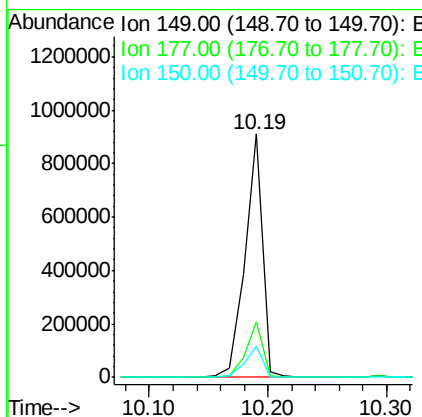
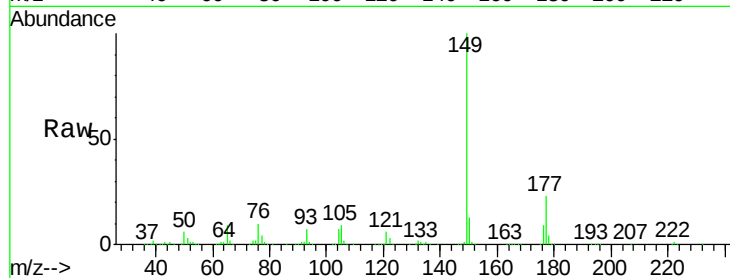
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Tgt Ion:	149	Resp:	938948
Ion Ratio	Lower	Upper	
149	100		
177	23.0	16.6	24.8
150	12.9	10.0	15.0



#60

4-Chlorophenyl-phenylether

Concen: 43.37 ng

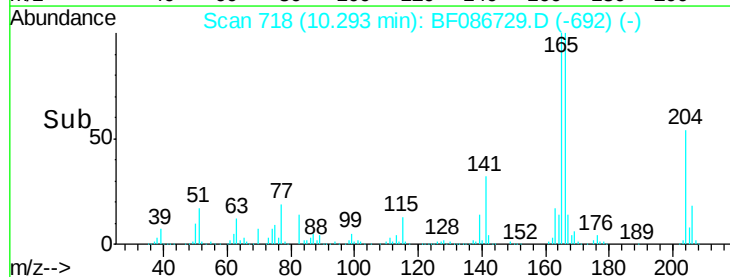
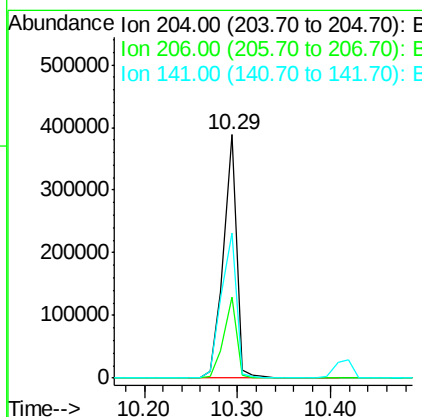
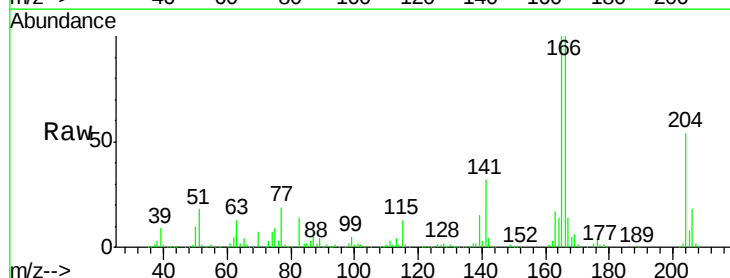
RT: 10.29 min Scan# 718

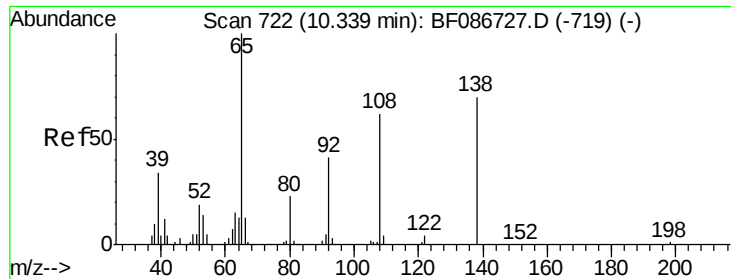
Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Tgt Ion:	204	Resp:	384036
Ion Ratio	Lower	Upper	
204	100		
206	33.5	25.4	38.0
141	59.3	61.6	92.4#





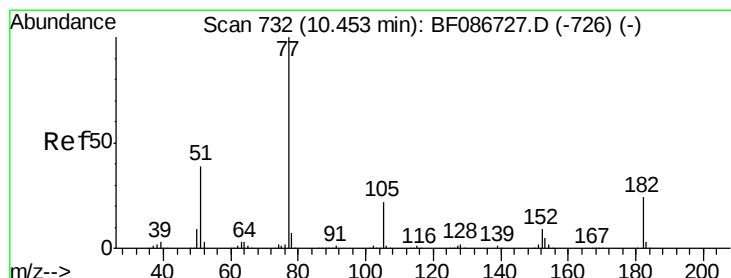
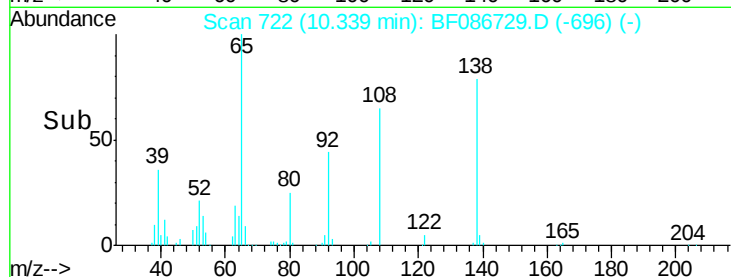
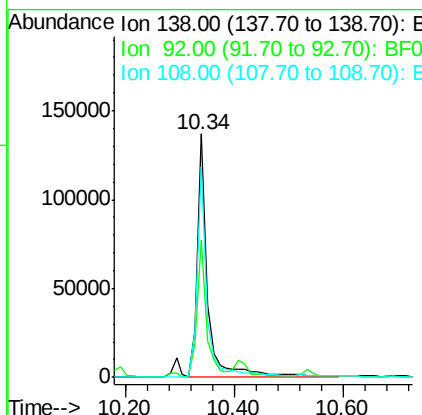
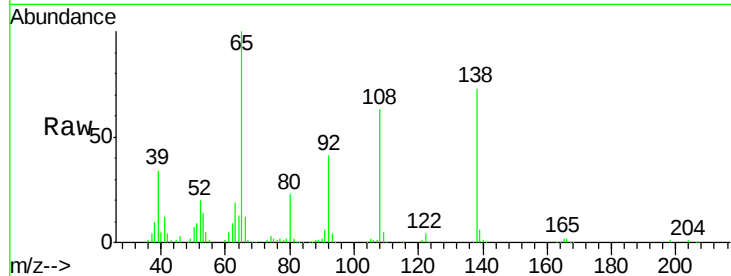
#61
4-Nitroaniline
Concen: 33.91 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.2	24.7	64.7
108	86.1	37.4	77.4

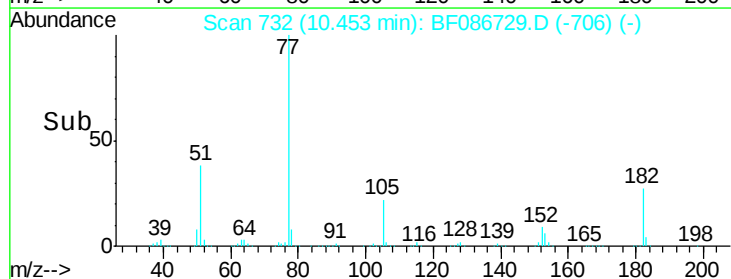
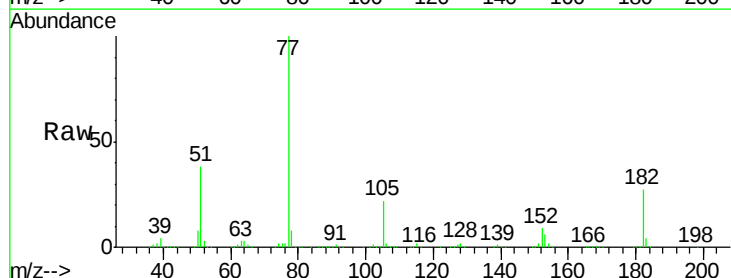
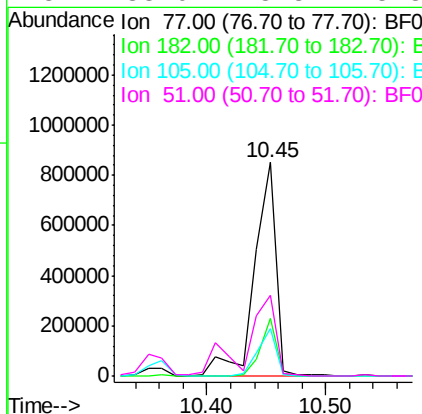
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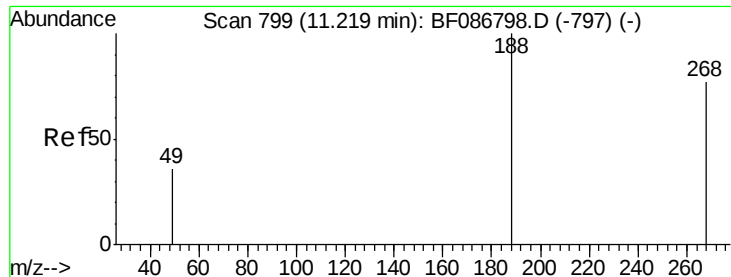
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#62
Azobenzene
Concen: 45.41 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	0.0	38.8
105	22.5	3.2	43.2
51	38.0	8.8	48.8





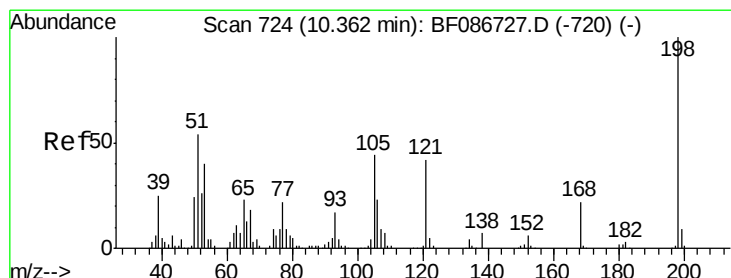
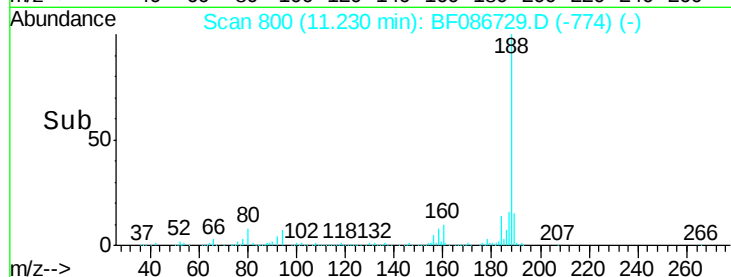
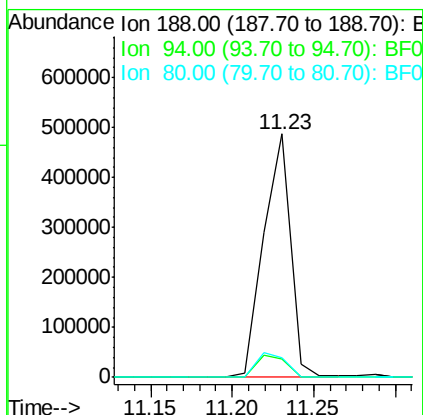
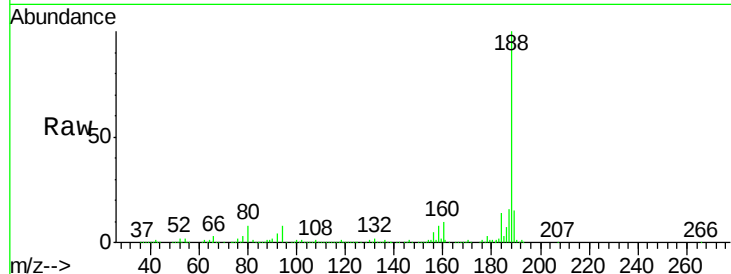
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90268BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.6	6.8	10.2
80	8.1	7.1	10.7

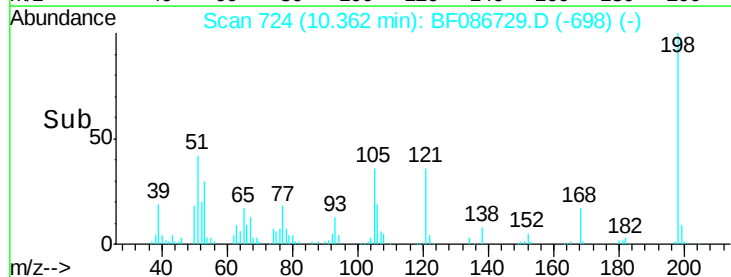
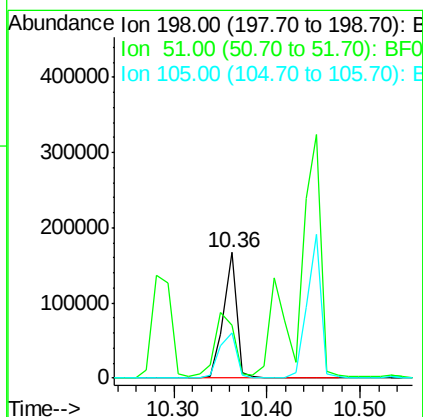
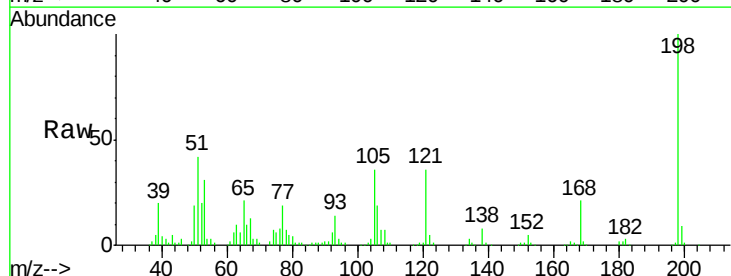
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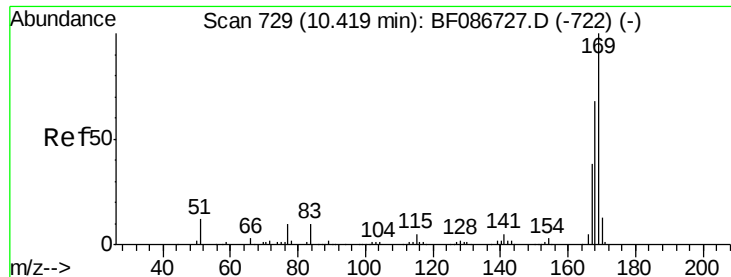
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.08 ng
 RT: 10.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	42.0	20.5	60.5
105	36.0	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 41.32 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

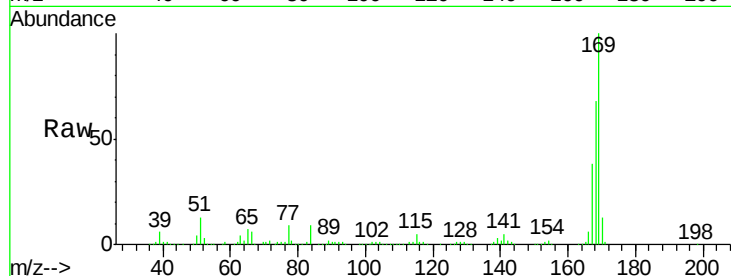
PB90268BS

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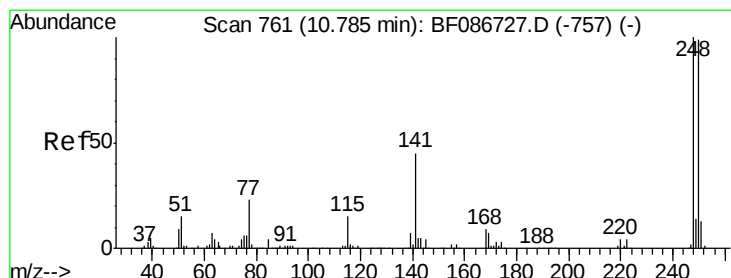
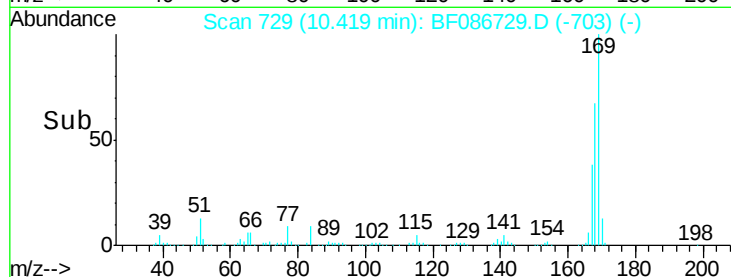
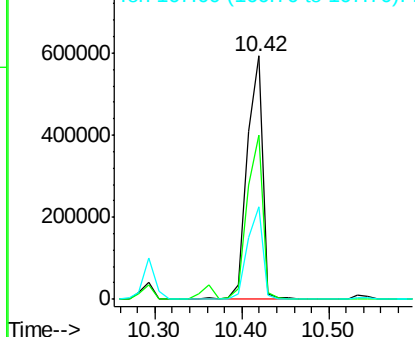
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Tgt Ion	Ratio	Resp	Lower	Upper
169	100	738659		
168	67.5	53.8	80.6	
167	37.8	29.5	44.3	



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: 38.57 ng

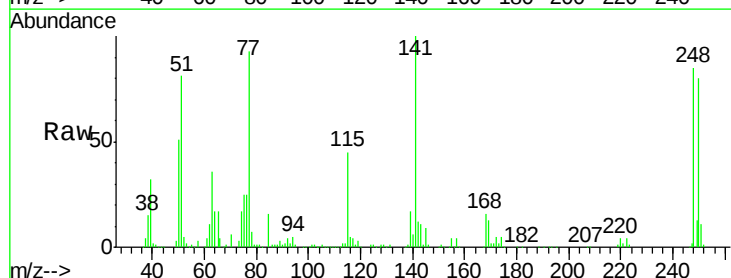
RT: 10.77 min Scan# 760

Delta R.T. -0.01 min

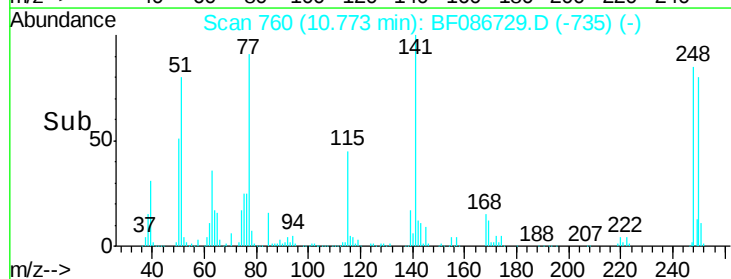
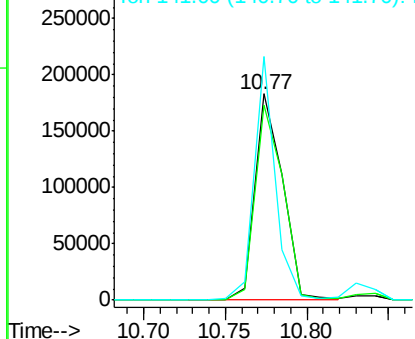
Lab File: BF086729.D

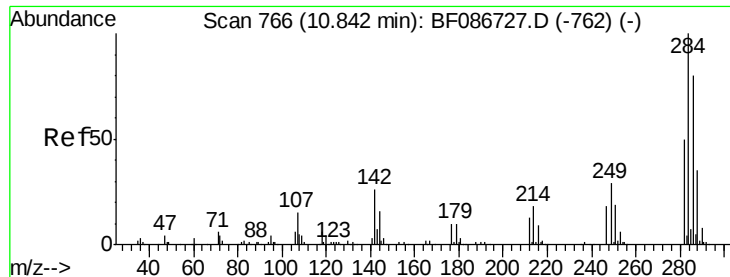
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	215768		
250	94.5	78.6	117.8	
141	118.2	76.0	114.0	



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





#67

Hexachlorobenzene

Concen: 41.70 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

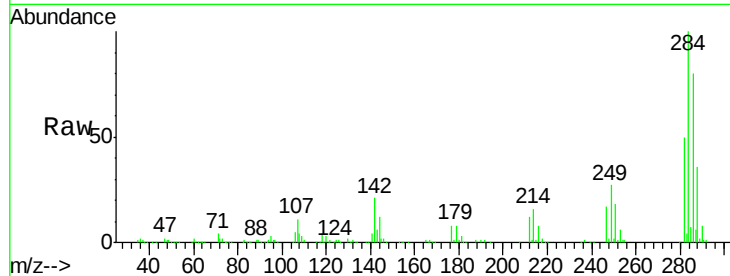
ClientSampleId :

PB90268BS

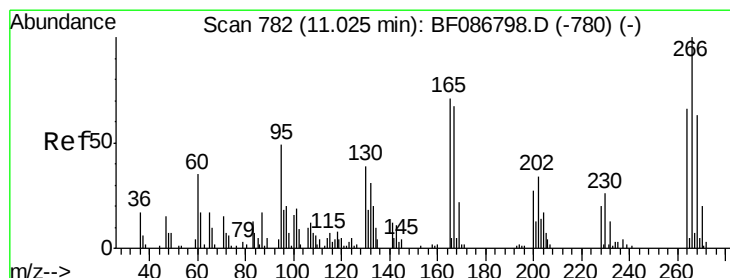
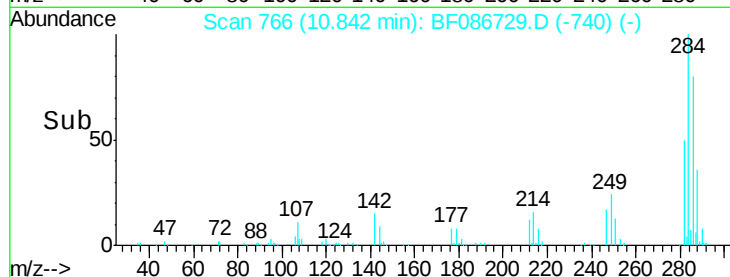
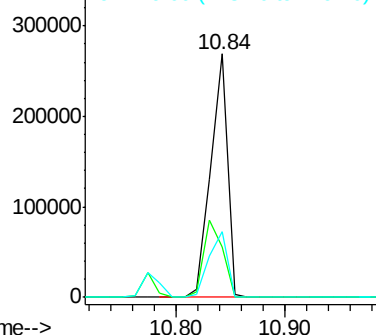
Tgt Ion:	284	Resp:	284529
Ion Ratio	Lower	Upper	
284	100		
142	20.8	16.7	25.1
249	27.1	21.3	31.9

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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: 45.13 ng

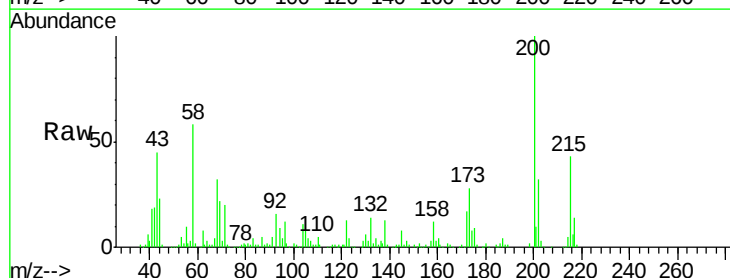
RT: 10.96 min Scan# 776

Delta R.T. 0.00 min

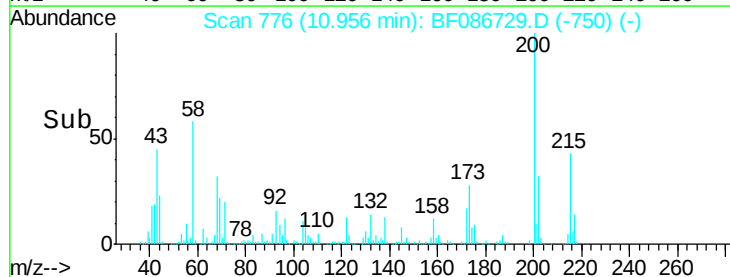
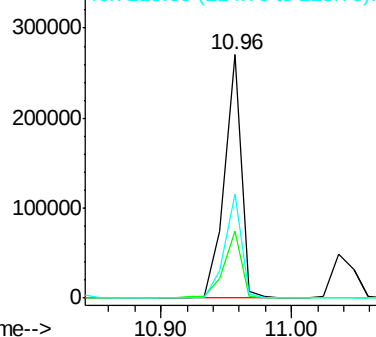
Lab File: BF086729.D

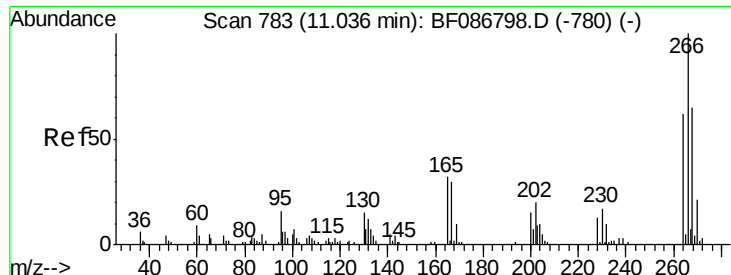
Acq: 6 May 2016 17:40

Tgt Ion:	200	Resp:	247208
Ion Ratio	Lower	Upper	
200	100		
173	27.5	8.5	48.5
215	43.0	27.2	67.2



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





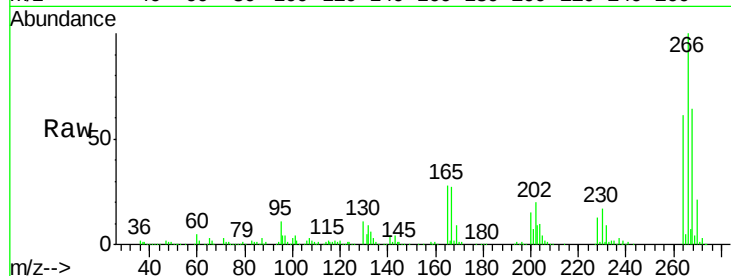
#69
 Pentachlorophenol
 Concen: 94.16 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90268BS

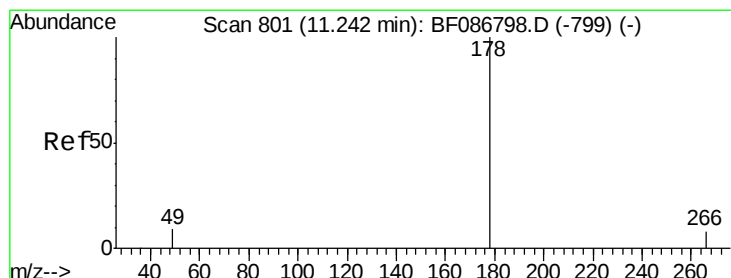
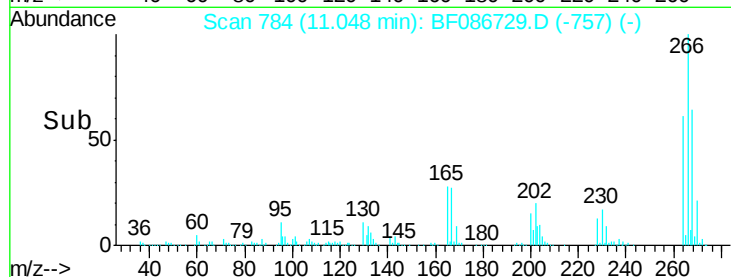
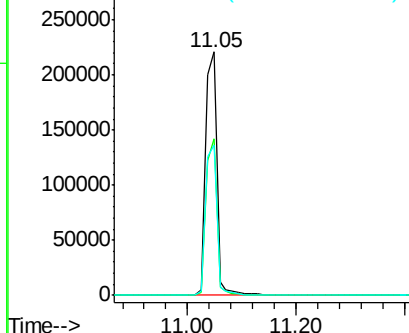
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	315419		
268	64.2	51.5	77.3	
264	61.4	52.9	79.3	

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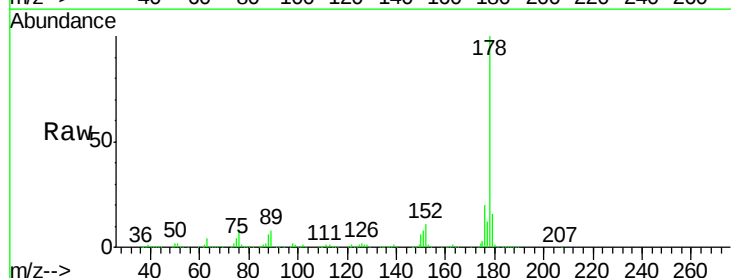


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

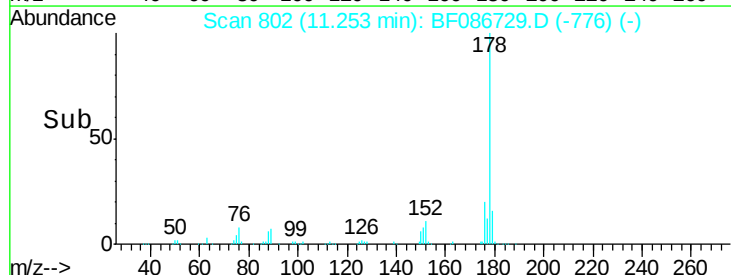
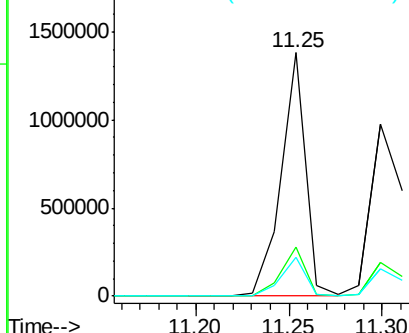


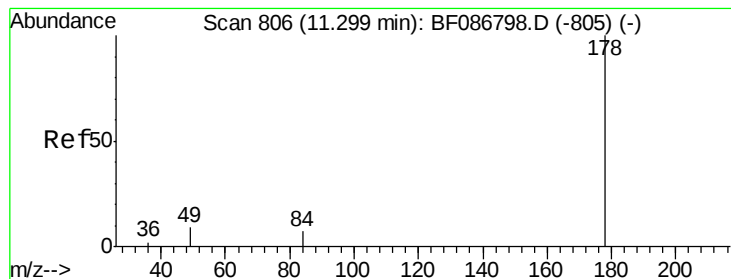
#70
 Phenanthrene
 Concen: 41.67 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1260022		
176	20.3	16.0	24.0	
179	15.9	12.6	18.8	



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





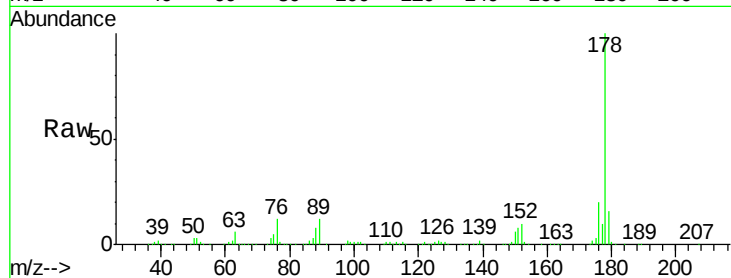
#71
 Anthracene
 Concen: 37.29 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90268BS

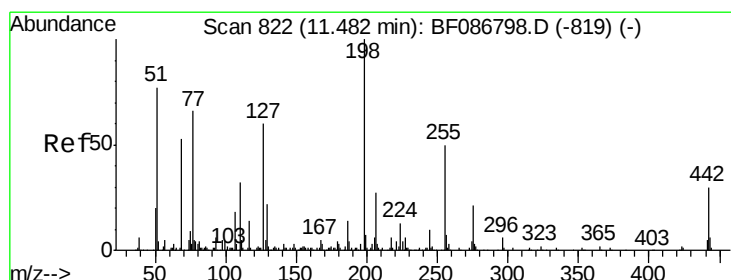
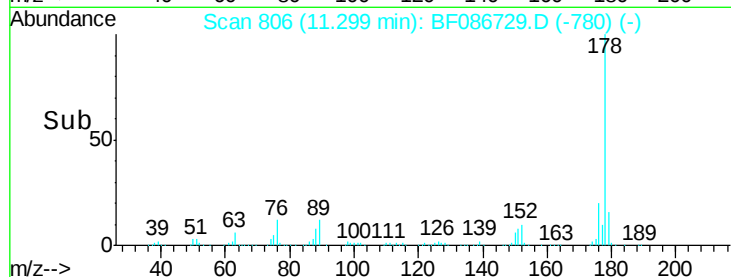
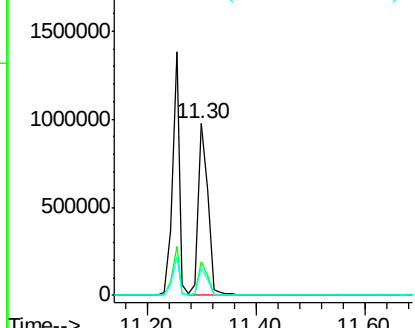
Tgt Ion:178 Resp: 1180905
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.6 23.4
 179 16.0 12.7 19.1

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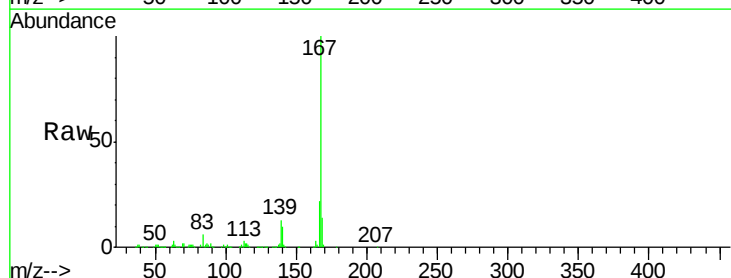


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

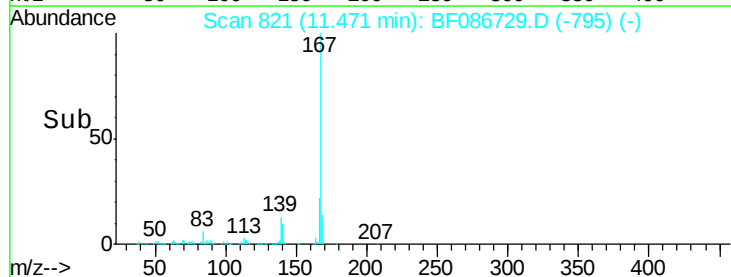
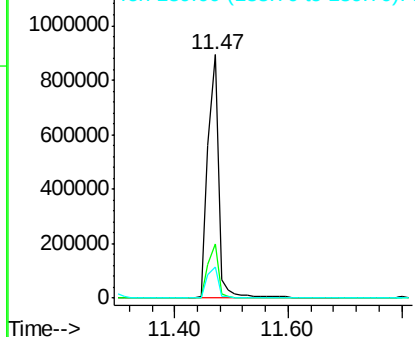


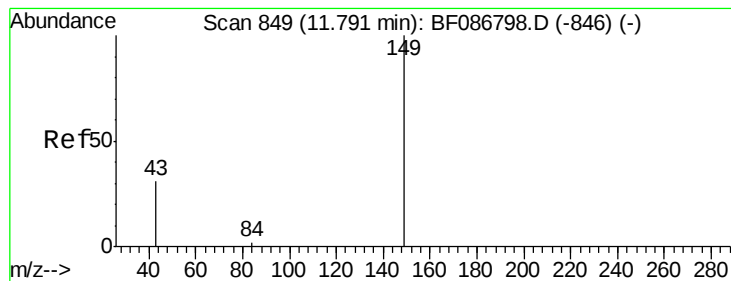
#72
 Carbazole
 Concen: 40.99 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion:167 Resp: 1127194
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 12.6 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.53 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

PB90268BS

Tgt Ion:149 Resp: 1355868

Ion Ratio Lower Upper

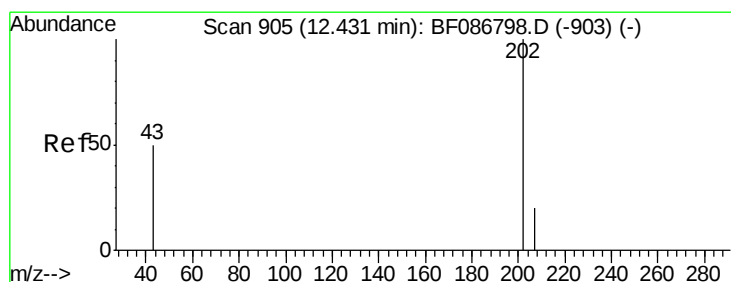
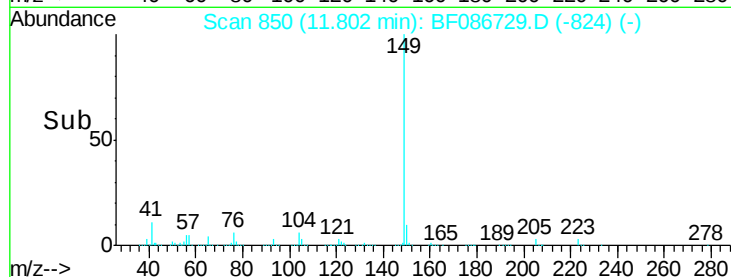
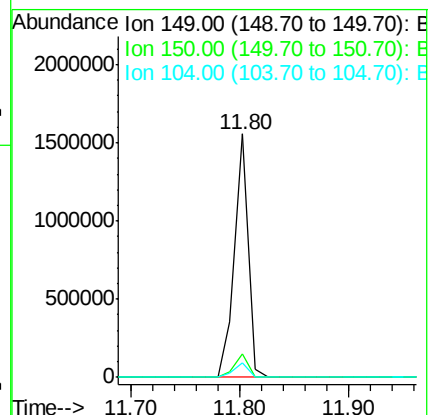
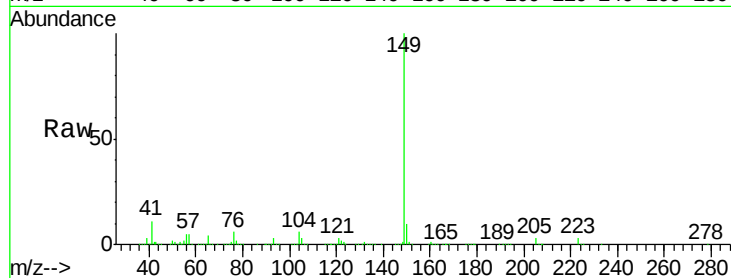
149 100

150 9.5 7.6 11.4

104 5.7 3.8 5.6#

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#74

Fluoranthene

Concen: 38.07 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

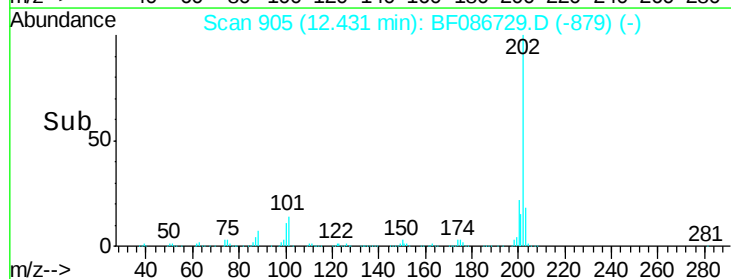
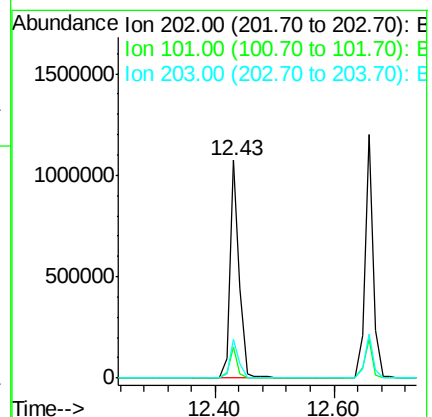
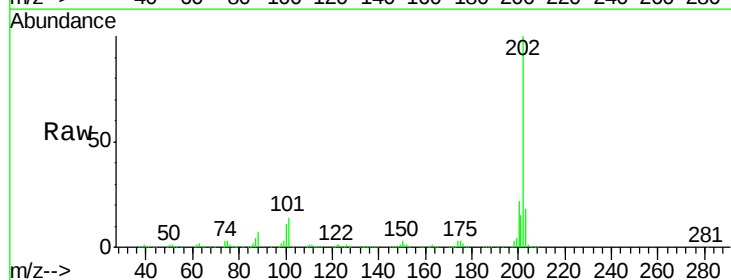
Tgt Ion:202 Resp: 1153645

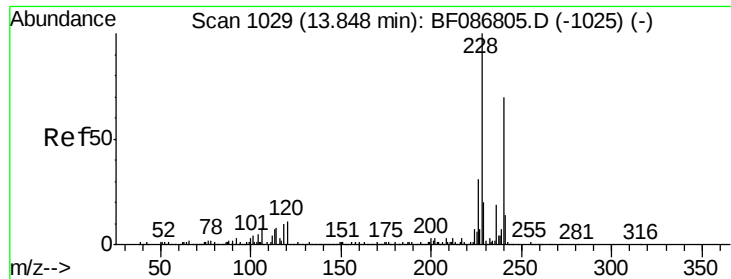
Ion Ratio Lower Upper

202 100

101 14.4 0.0 35.4

203 18.1 0.0 38.1





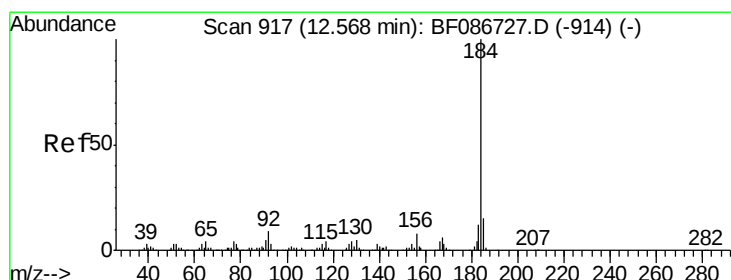
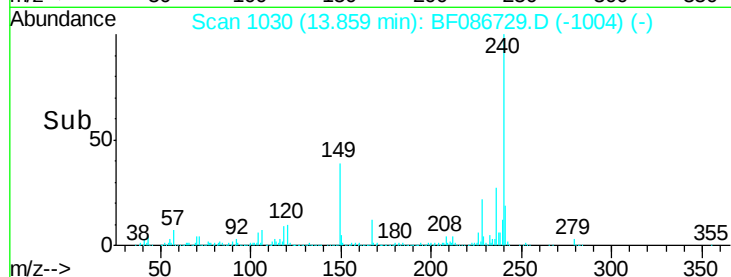
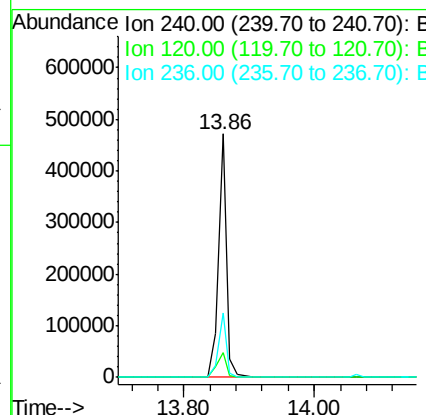
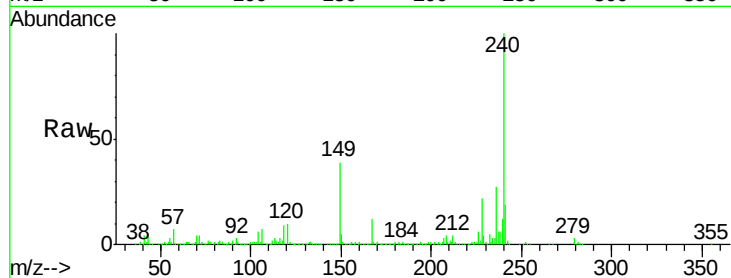
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	421247		
120	10.2	11.2	16.8#	
236	26.6	21.2	31.8	

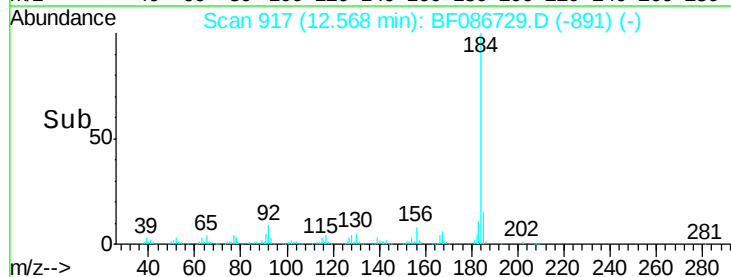
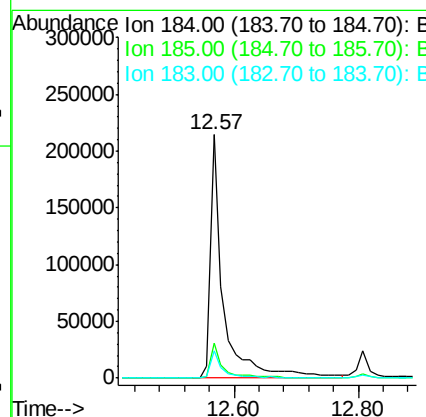
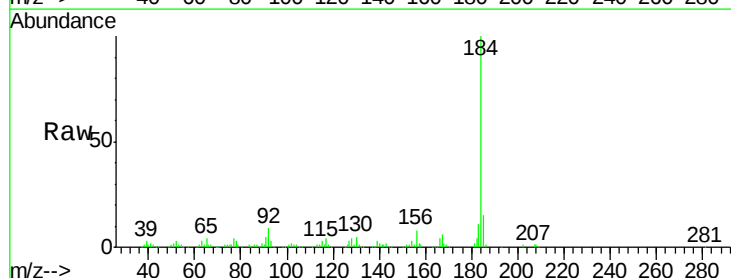
Manual Integrations
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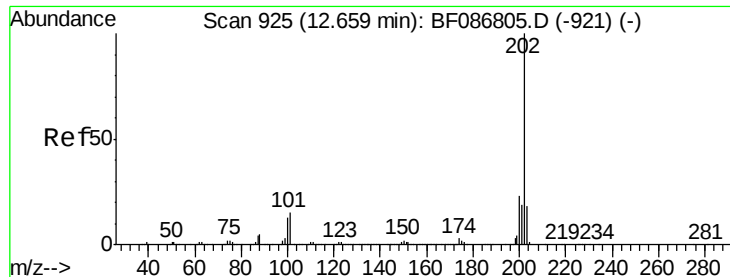
Sohil
5/9/2016 7:17:12 PM



#76
Benzidine
Concen: 30.22 ng
RT: 12.57 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	313088		
185	14.6	13.6	20.4	
183	11.5	9.8	14.6	





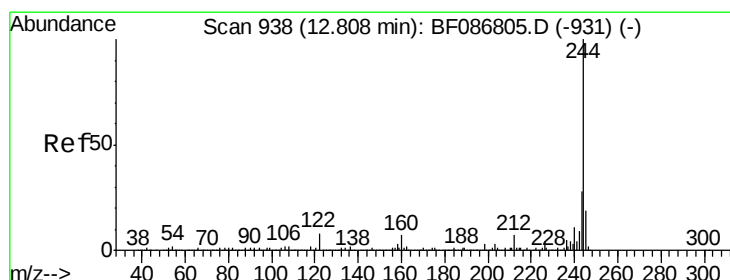
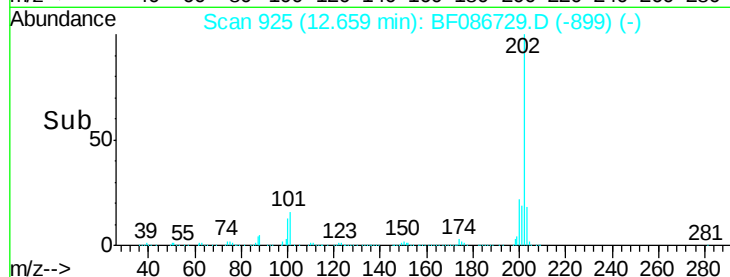
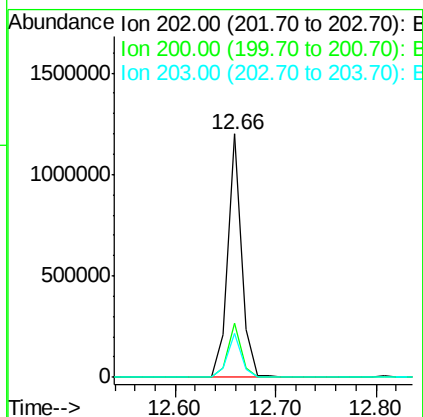
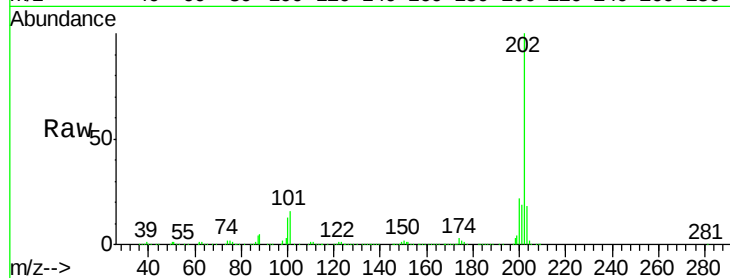
#77
 Pyrene
 Concen: 34.13 ng
 RT: 12.66 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90268BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	18.2	14.2	21.4

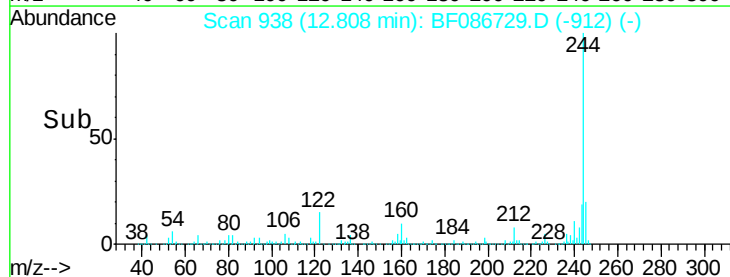
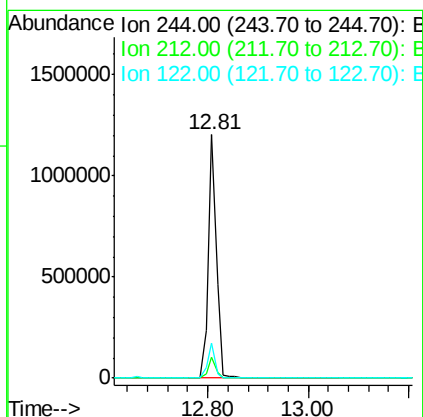
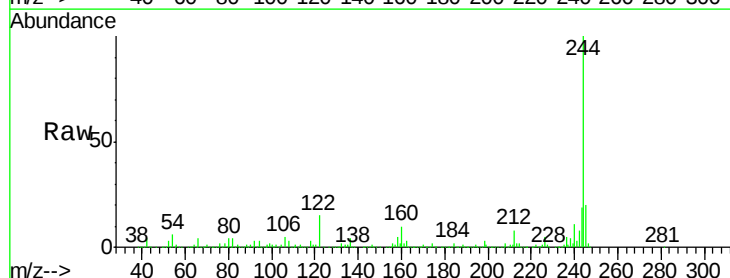
Manual Integrations
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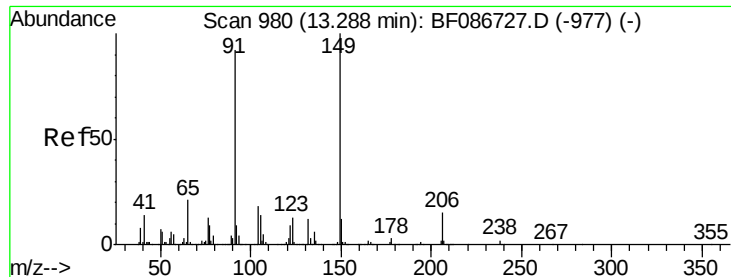
Sohil
 5/9/2016 7:17:12 PM



#78
 Terphenyl-d14
 Concen: 64.59 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.2
122	14.5	12.0	18.0





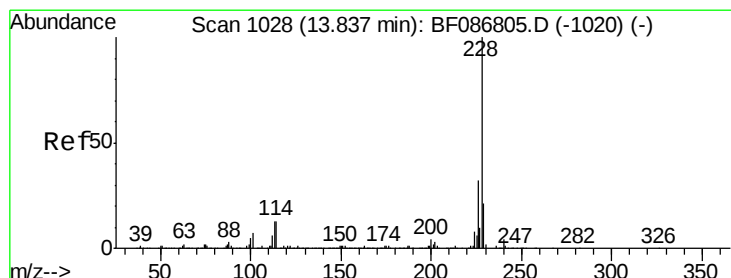
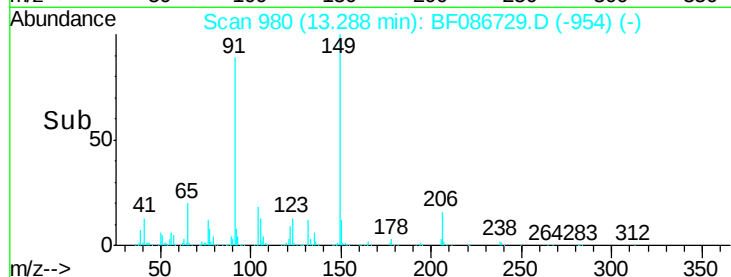
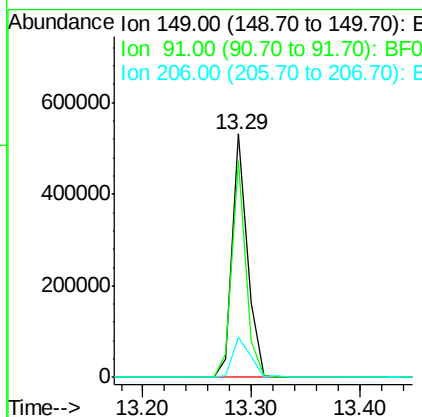
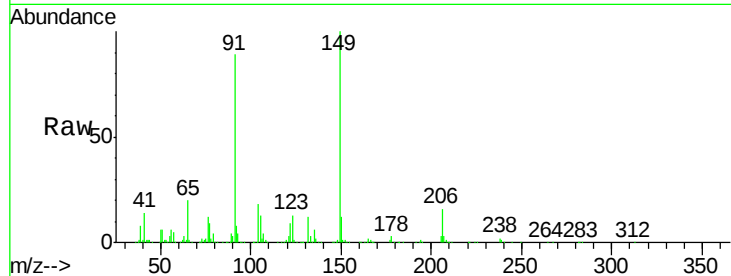
#79
Butylbenzylphthalate
Concen: 36.30 ng
RT: 13.29 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	510586		
91	89.1	48.0	72.0#	
206	16.2	15.8	23.6	

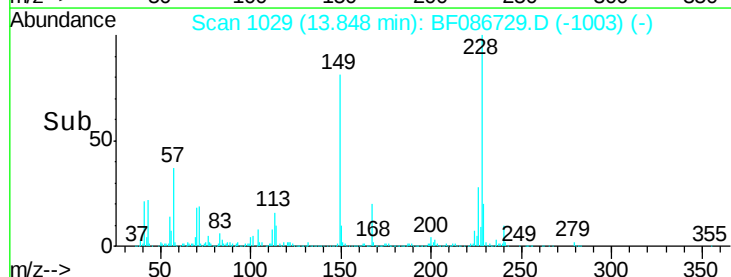
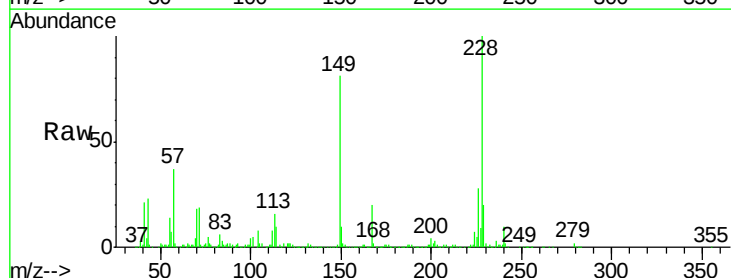
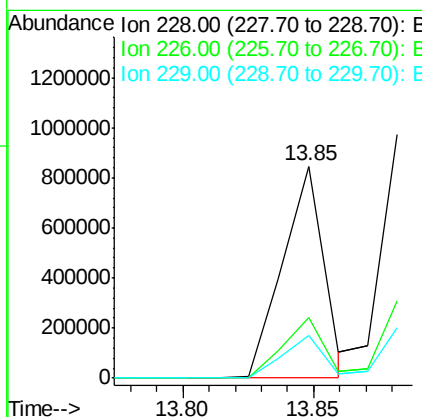
Manual Integrations
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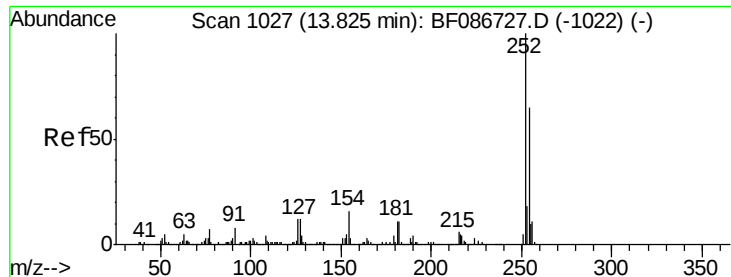
Sohil
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#80
Benzo(a)anthracene
Concen: 38.95 ng
RT: 13.85 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	927933		
226	28.4	22.5	33.7	
229	19.8	16.6	25.0	





#81

3,3'-Dichlorobenzidine

Concen: 7.72 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

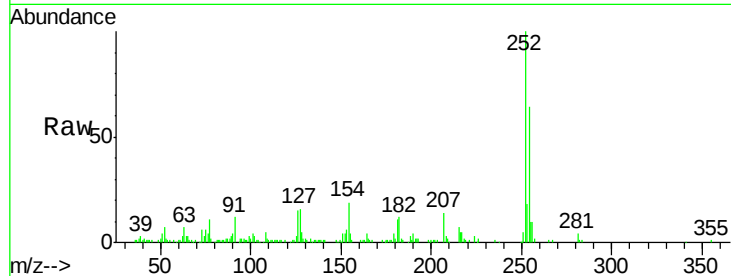
ClientSampleId :

PB90268BS

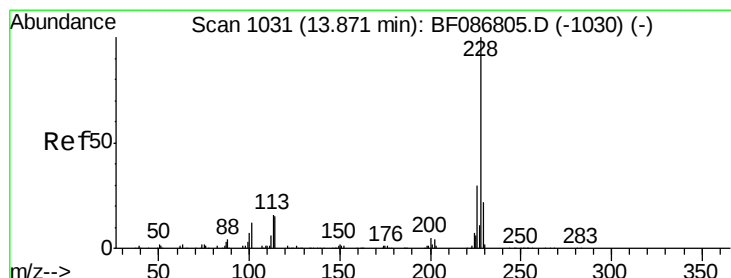
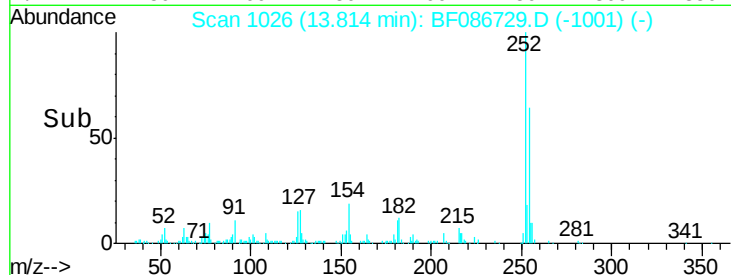
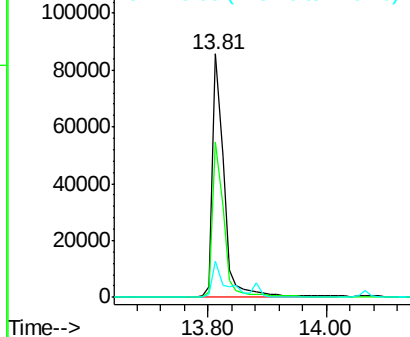
Tgt Ion:	252	Resp:	115616
Ion Ratio	Lower	Upper	
252	100		
254	63.8	50.7	76.1
126	15.0	12.7	19.1

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 35.53 ng

RT: 13.88 min Scan# 1032

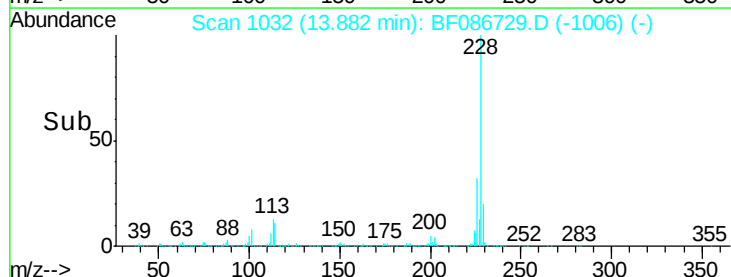
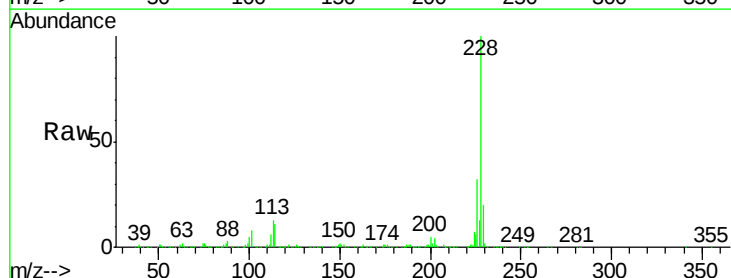
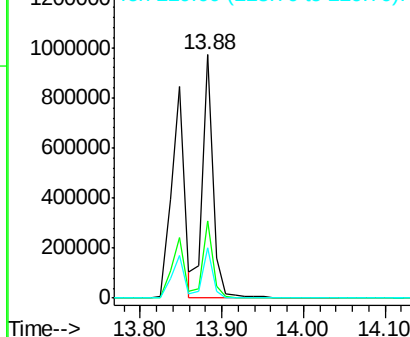
Delta R.T. 0.00 min

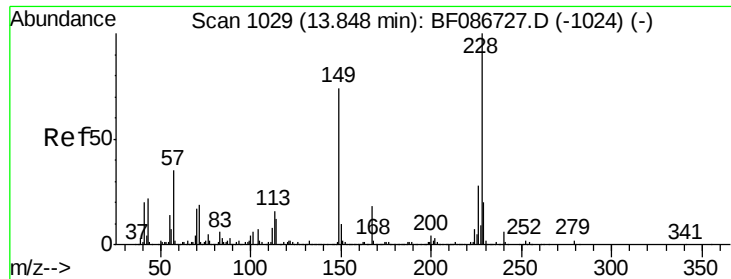
Lab File: BF086729.D

Acq: 6 May 2016 17:40

Tgt Ion:	228	Resp:	902955
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.4	36.6
229	20.4	15.8	23.8

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





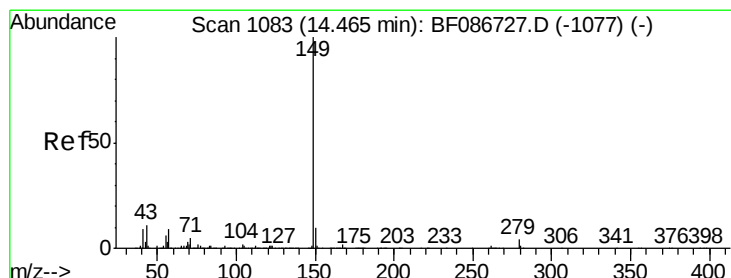
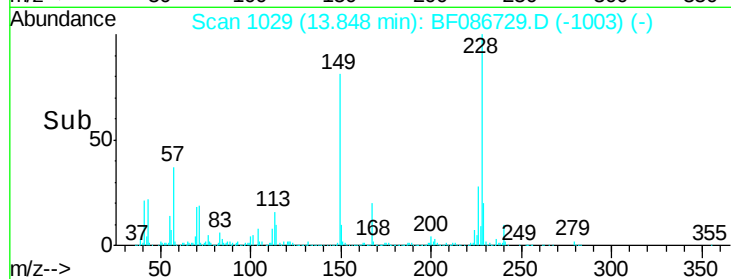
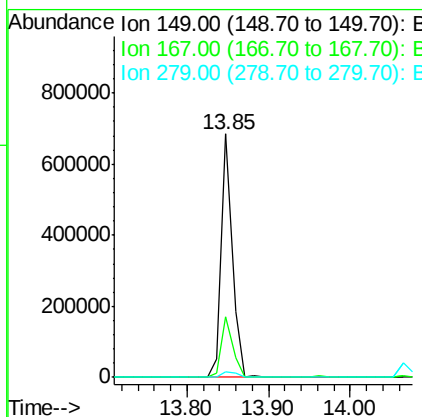
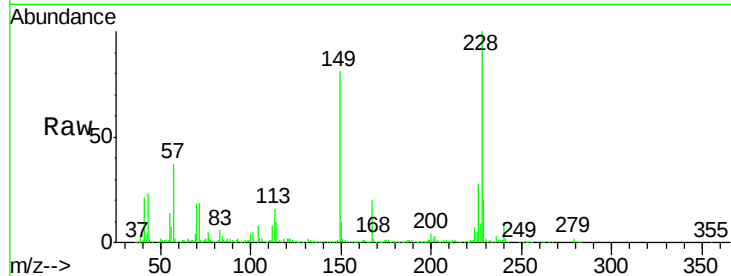
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.21 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90268BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	638247		
167	24.6	21.8	32.6	
279	2.2	2.6	4.0#	

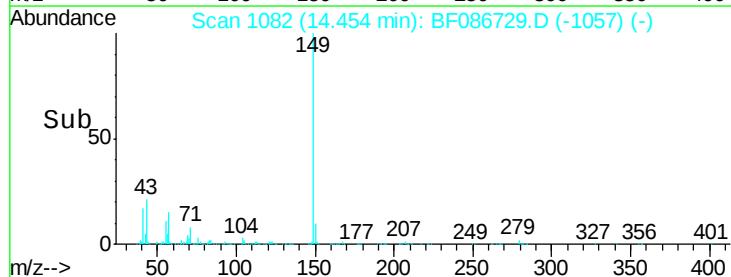
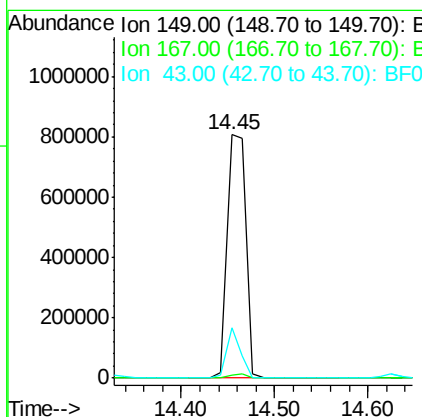
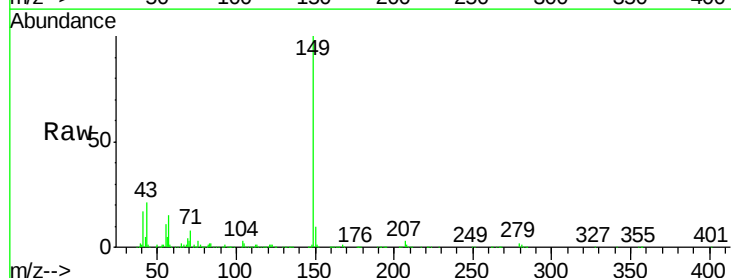
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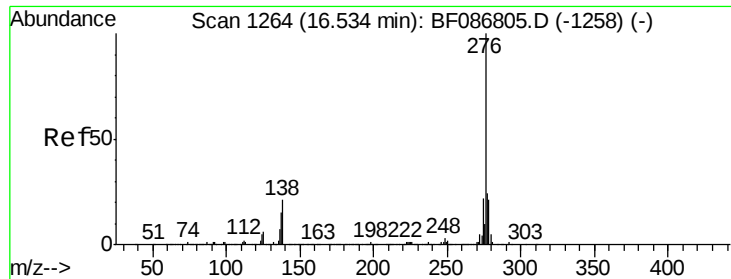
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#84
 Di-n-octyl phthalate
 Concen: 47.01 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1125983		
167	1.6	1.2	1.8	
43	15.1	8.2	12.4#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.74 ng

RT: 16.55 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

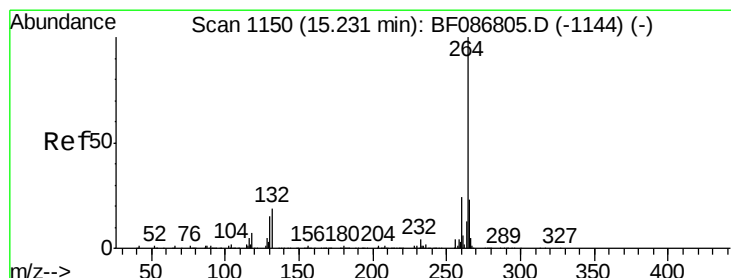
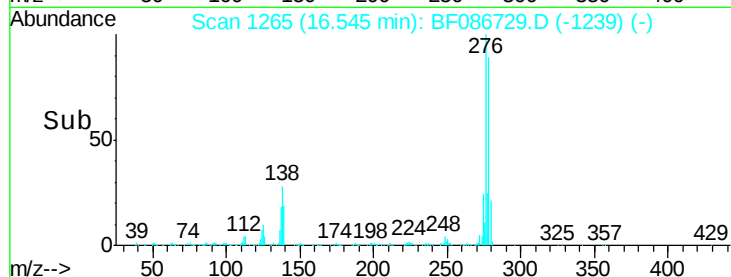
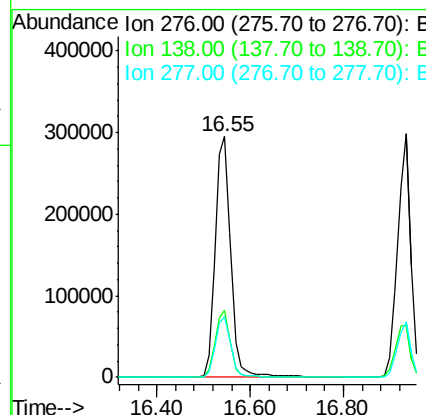
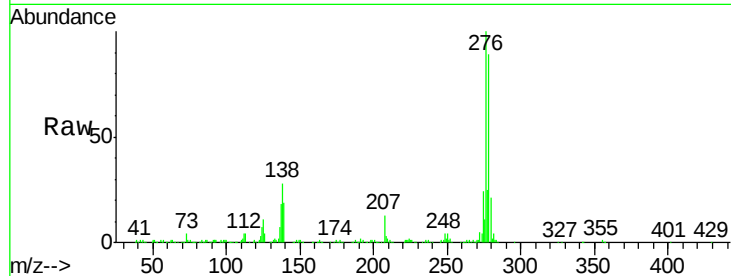
ClientSampleId :

PB90268BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.6	38.4
277	25.1	20.5	30.7

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#86

Perylene-d12

Concen: 40.00 ng

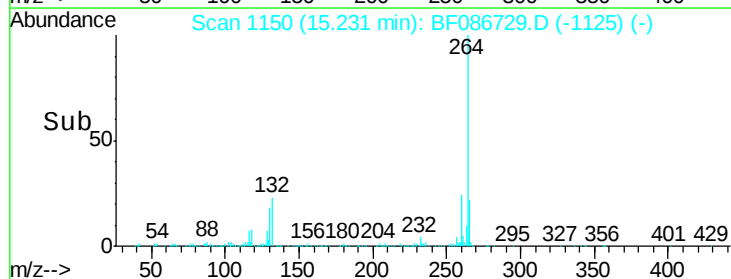
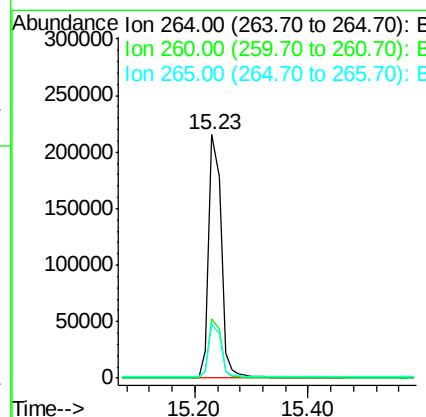
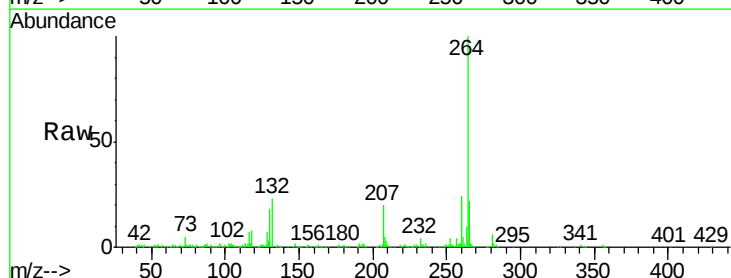
RT: 15.23 min Scan# 1150

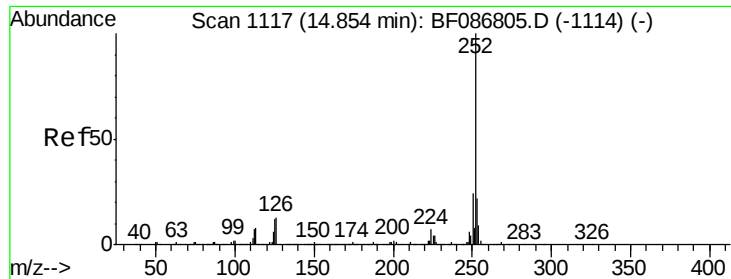
Delta R.T. -0.01 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 41.90 ng m

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF086729.D

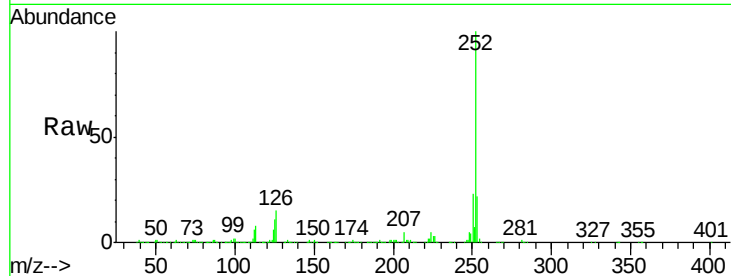
Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

PB90268BS



Tgt Ion: 252 Resp: 797810

Ion Ratio Lower Upper

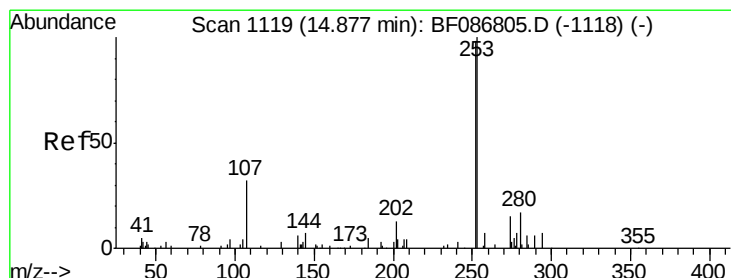
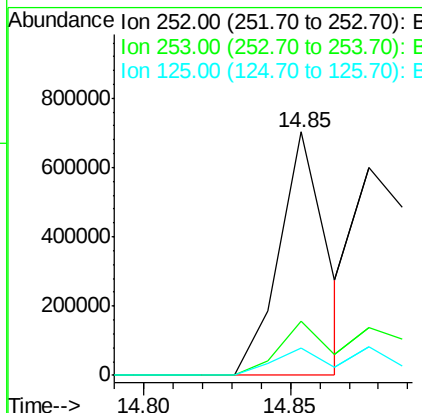
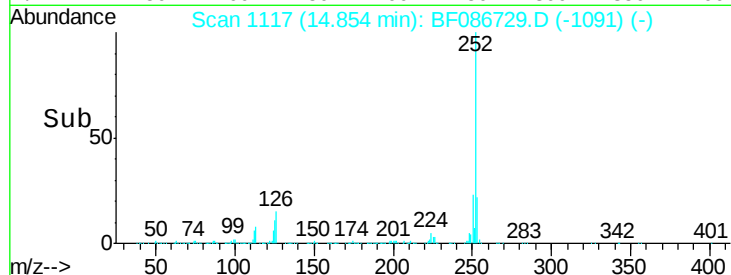
252 100

253 22.4 17.8 26.6

125 11.0 11.4 17.0#

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#88

Benzo(k)fluoranthene

Concen: 44.81 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

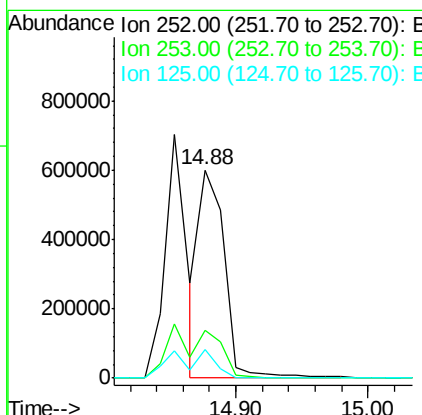
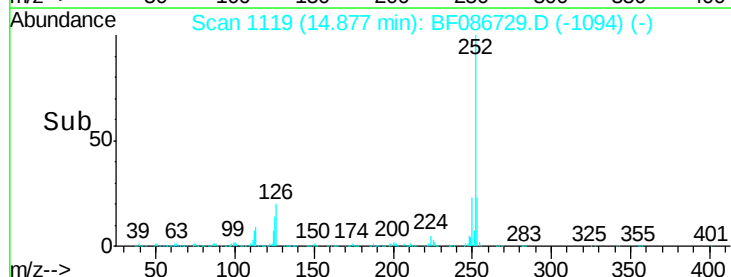
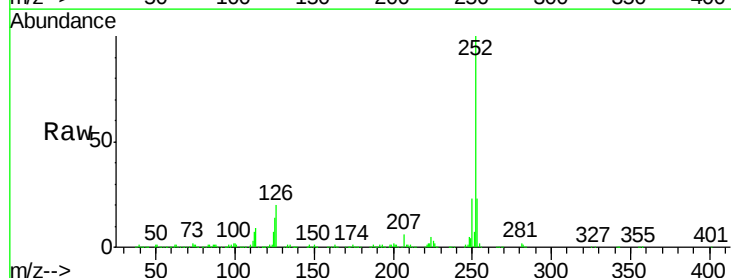
Tgt Ion: 252 Resp: 803898

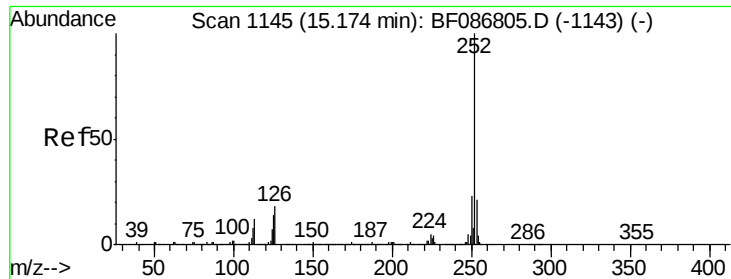
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 13.5 9.1 13.7





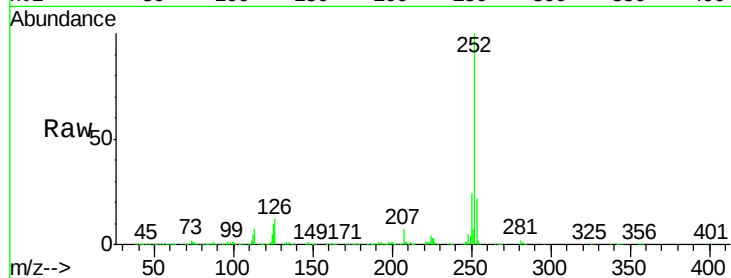
#89
Benzo(a)pyrene
Concen: 42.72 ng
RT: 15.19 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :
PB90268BS

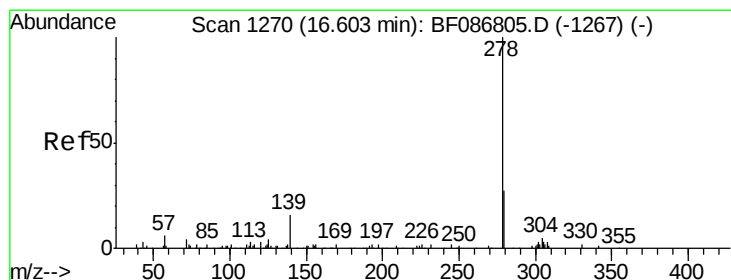
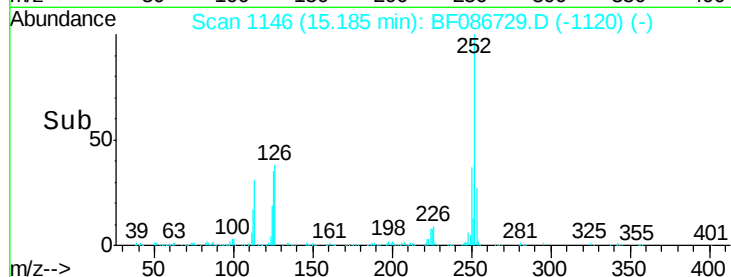
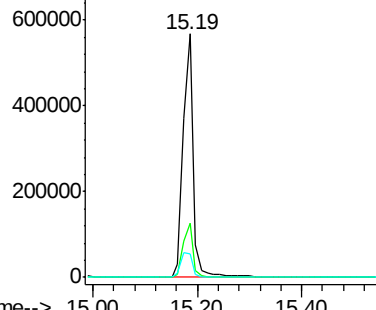
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	749258		
253	22.2		17.2	25.8
125	9.5		9.0	13.6

Manual Integrations
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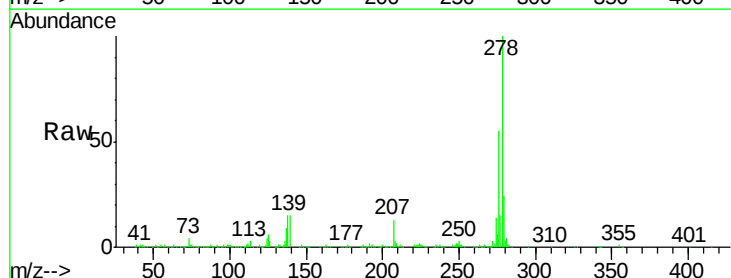


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

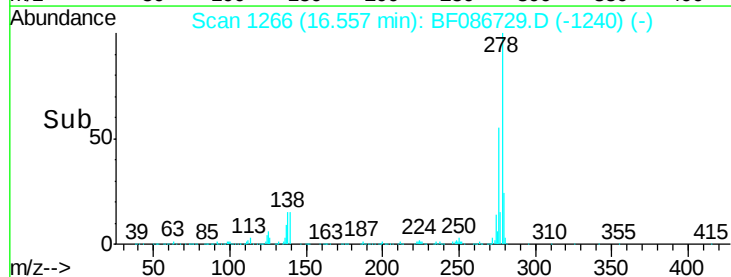
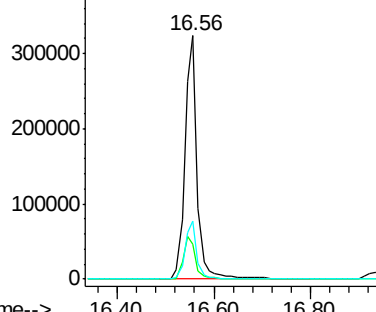


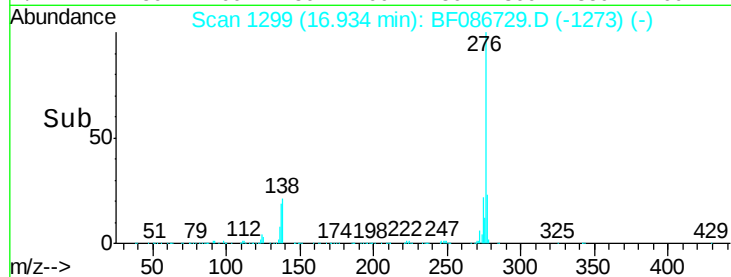
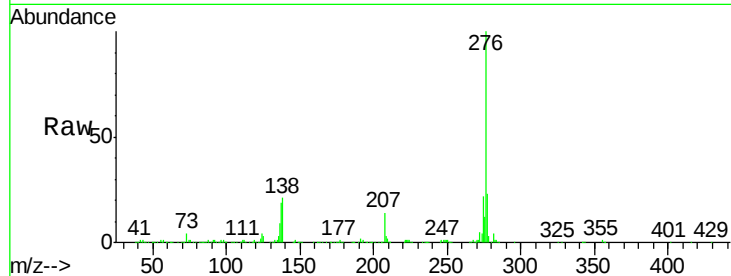
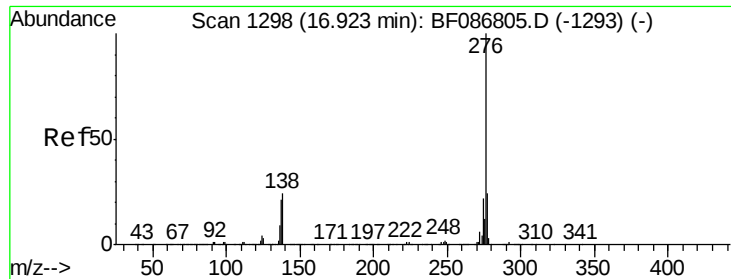
#90
Dibenzo(a,h)anthracene
Concen: 34.43 ng
RT: 16.56 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	580019		
139	14.5		16.6	24.8#
279	24.0		19.6	29.4



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





#91

Benzo(g,h,i)perylene

Concen: 33.32 ng

RT: 16.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

PB90268BS

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	23.0	19.6	29.4	
138	21.4	23.6	35.4	

Manual Integrations
APPROVED

Sohil
5/9/2016 7:17:12 PM

