

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086423.D
 Acq On : 27 Apr 2016 14:45
 Operator : UM/SJ
 Sample : PB89850BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Manual Integrations
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 4/28/2016 2:14:03 PM

Quant Time: Apr 28 13:11:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118352	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	493537	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	243706	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	453859	20.00	ng	0.00
75) Chrysene-d12	13.96	240	312403	20.00	ng	0.00
86) Perylene-d12	15.36	264	253577	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	764410	111.41	ng	0.01
7) Phenol-d6	6.44	99	1052573	109.91	ng	0.00
23) Nitrobenzene-d5	7.37	82	688872	75.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	318252	123.83	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1252056	91.35	ng	0.00
78) Terphenyl-d14	12.91	244	1170965	82.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	108861	30.20	ng	# 75
3) Pyridine	3.13	79	296844	34.80	ng	# 75
4) n-Nitrosodimethylamine	3.07	42	188164	38.70	ng	# 60
6) Aniline	6.46	93	399587	34.48	ng	98
8) 2-Chlorophenol	6.59	128	332075	38.86	ng	99
9) Benzaldehyde	6.35	77	56140	10.08	ng	91
10) Phenol	6.45	94	411835	38.55	ng	78
11) bis(2-Chloroethyl)ether	6.54	93	366852	39.72	ng	92
12) 1,3-Dichlorobenzene	6.74	146	320876m	34.91	ng	
13) 1,4-Dichlorobenzene	6.82	146	341654	36.02	ng	93
14) 1,2-Dichlorobenzene	6.98	146	318621	36.63	ng	95
15) Benzyl Alcohol	6.94	79	264103	43.59	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	686264	37.12	ng	89
17) 2-Methylphenol	7.07	107	279310	40.44	ng	96
18) Hexachloroethane	7.32	117	128330	36.21	ng	# 79
19) n-Nitroso-di-n-propylamine	7.22	70	246282	38.91	ng	# 69
20) 3+4-Methylphenols	7.22	107	325629	41.29	ng	96
22) Acetophenone	7.22	105	444412	41.07	ng	# 87
24) Nitrobenzene	7.39	77	377348	40.06	ng	95
25) Isophorone	7.63	82	683734	38.80	ng	99
26) 2-Nitrophenol	7.71	139	171579	39.56	ng	97
27) 2,4-Dimethylphenol	7.74	122	297590	39.11	ng	90
28) bis(2-Chloroethoxy)methane	7.85	93	425284	44.30	ng	99
29) 2,4-Dichlorophenol	7.95	162	282135	43.95	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	284169	38.15	ng	97
31) Naphthalene	8.11	128	965088	38.43	ng	99
32) Benzoic acid	7.88	122	145578	34.60	ng	95
33) 4-Chloroaniline	8.17	127	295444	31.42	ng	99
34) Hexachlorobutadiene	8.24	225	160305	38.40	ng	99
35) Caprolactam	8.53	113	87695m	40.95	ng	
36) 4-Chloro-3-methylphenol	8.65	107	302389	41.14	ng	92
37) 2-Methylnaphthalene	8.81	142	643826	43.45	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	243989	34.98	ng	97
40) Hexachlorocyclopentadiene	8.96	237	282193	81.40	ng	95

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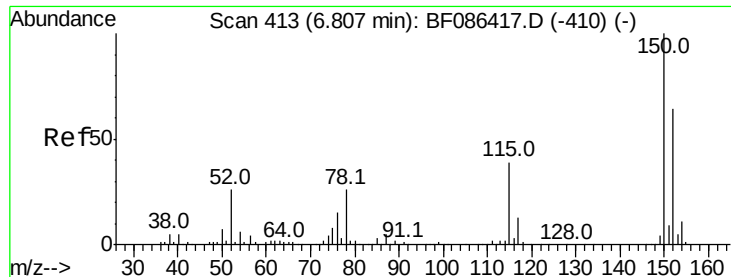
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	178527	40.49	nq	95
43) 2,4,5-Trichlorophenol	9.13	196	190230	39.58	nq	95
45) 1,1'-Biphenyl	9.26	154	747547	36.70	nq	96
46) 2-Chloronaphthalene	9.29	162	575856	37.18	nq	93
47) 2-Nitroaniline	9.39	65	217931	43.88	nq	89
48) Acenaphthylene	9.71	152	928151	38.34	nq	99
49) Dimethylphthalate	9.57	163	691137	37.67	nq	100
50) 2,6-Dinitrotoluene	9.63	165	147201	38.84	nq	# 86
51) Acenaphthene	9.88	154	684490	44.02	nq	99
52) 3-Nitroaniline	9.80	138	143175	33.21	nq	96
53) 2,4-Dinitrophenol	9.90	184	144843	70.88	nq	# 75
54) Dibenzofuran	10.05	168	848694	43.67	nq	98
55) 4-Nitrophenol	9.97	139	244170	86.51	nq	94
56) 2,4-Dinitrotoluene	10.04	165	197576	40.89	nq	# 82
57) Fluorene	10.40	166	637782	37.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	173854	46.27	nq	95
59) Diethylphthalate	10.27	149	651990	37.54	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	291252	38.02	nq	93
61) 4-Nitroaniline	10.42	138	175542	41.66	nq	89
62) Azobenzene	10.54	77	803441	42.23	nq	91
64) 4,6-Dinitro-2-methylphenol	10.44	198	105772	39.70	nq	# 69
65) n-Nitrosodiphenylamine	10.51	169	578565	40.79	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	194702	41.63	nq	# 87
67) Hexachlorobenzene	10.93	284	198446	36.66	nq	# 68
68) Atrazine	11.04	200	194725	45.72	nq	96
69) Pentachlorophenol	11.13	266	213582	74.83	nq	98
70) Phenanthrene	11.34	178	903067	37.92	nq	100
71) Anthracene	11.40	178	1042274	41.00	nq	100
72) Carbazole	11.56	167	913990	40.57	nq	98
73) Di-n-butylphthalate	11.89	149	1099158	43.07	nq	99
74) Fluoranthene	12.53	202	1003751	41.75	nq	96
76) Benzidine	12.66	184	367420	34.22	nq	97
77) Pyrene	12.76	202	1011051	44.91	nq	99
79) Butylbenzylphthalate	13.38	149	412211	42.28	nq	# 65
80) Benzo(a)anthracene	13.95	228	695762	41.77	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	175710	15.78	nq	# 95
82) Chrysene	13.99	228	811716	44.84	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	514614	42.52	nq	# 99
84) Di-n-octyl phthalate	14.56	149	885442	46.72	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.72	276	546186	40.72	nq	98
87) Benzo(b)fluoranthene	14.97	252	684046m	45.85	nq	
88) Benzo(k)fluoranthene	14.99	252	572027m	36.76	nq	
89) Benzo(a)pyrene	15.30	252	574507	40.79	nq	# 97
90) Dibenzo(a,h)anthracene	16.74	278	462740	40.15	nq	# 94
91) Benzo(g,h,i)perylene	17.13	276	459464	39.78	nq	# 92

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



#1

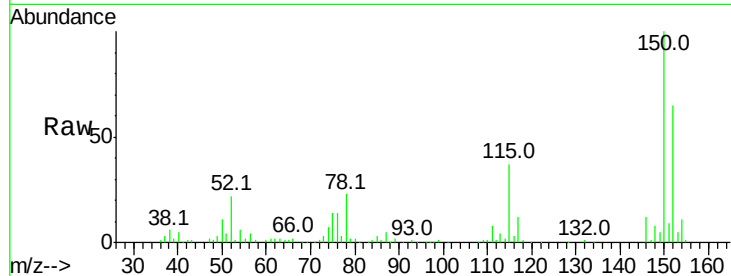
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
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PB89850BSD

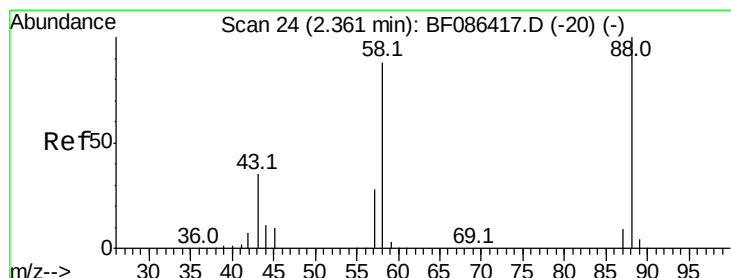
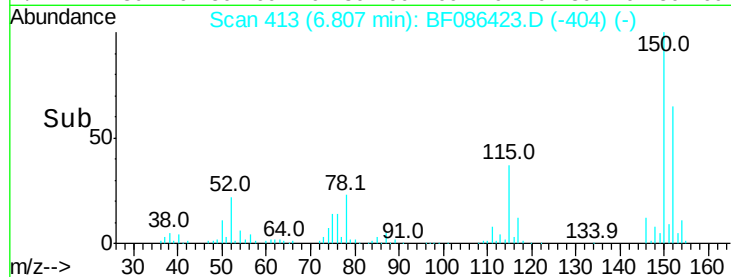
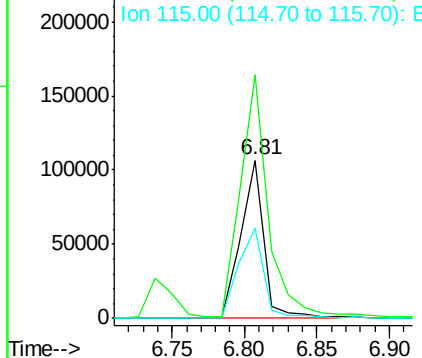
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.8	188.6
115	56.8	51.5	77.3

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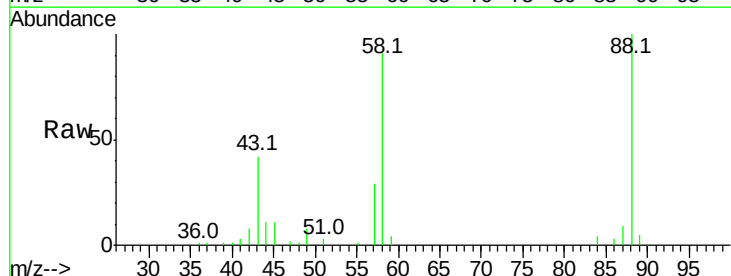
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



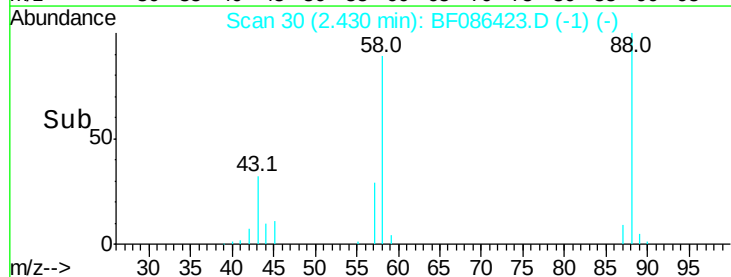
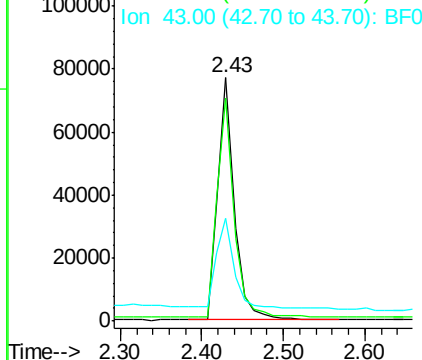
#2

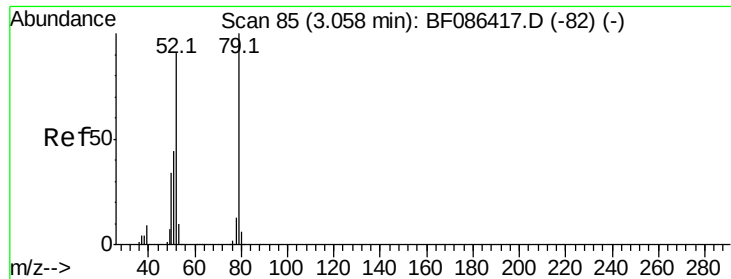
1,4-Dioxane
Concen: 30.20 ng
RT: 2.43 min Scan# 30
Delta R.T. 0.07 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.5	59.6	89.4#
43	46.3	21.8	32.6#



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





#3

Pvridine

Concen: 34.80 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

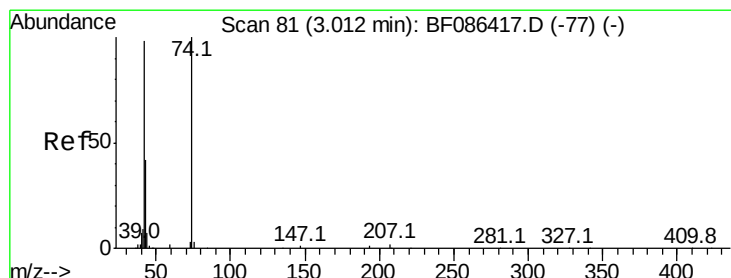
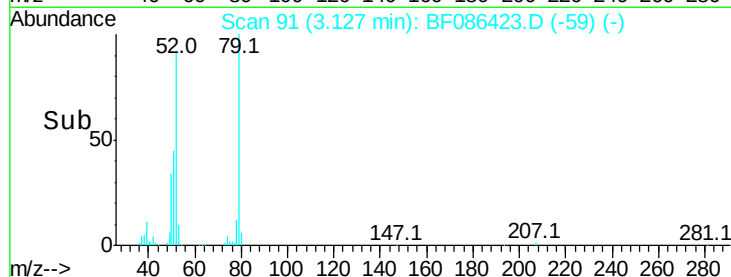
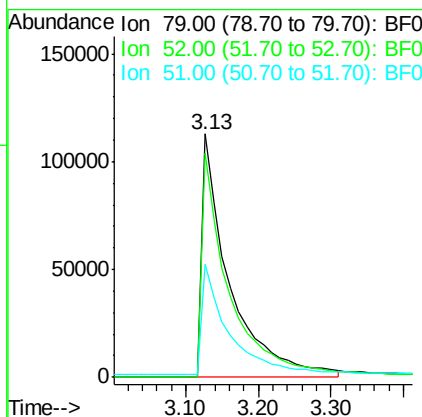
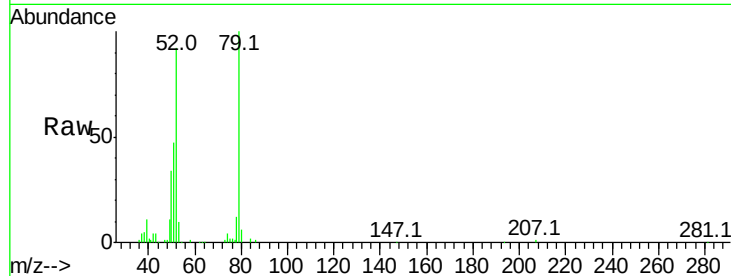
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
79	100		
52	92.0	55.9	83.9#
51	46.7	28.1	42.1#



#4

n-Nitrosodimethylamine

Concen: 38.70 ng

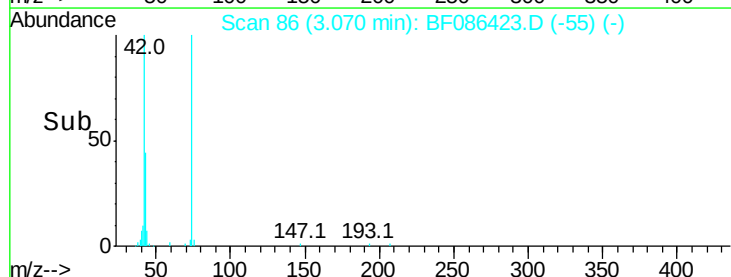
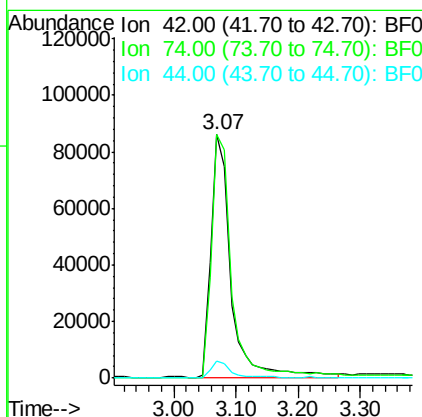
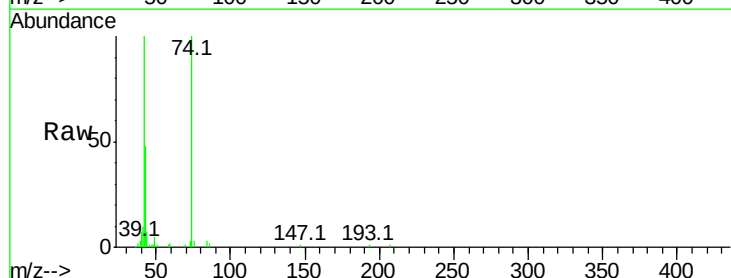
RT: 3.07 min Scan# 86

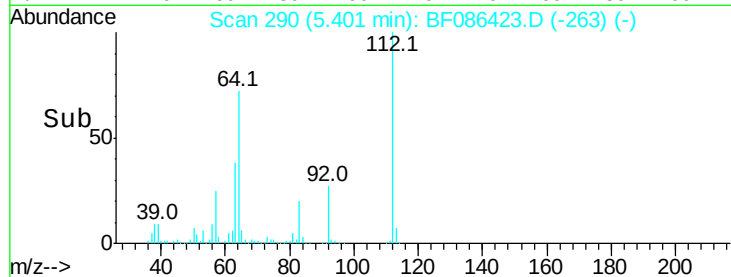
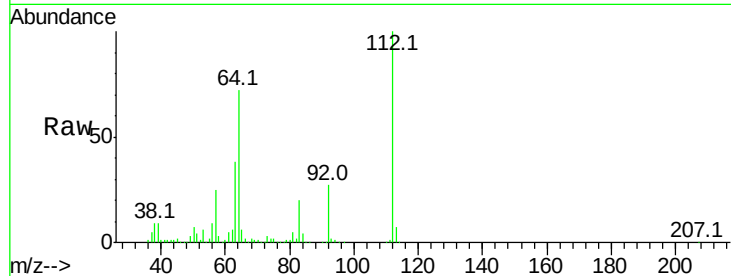
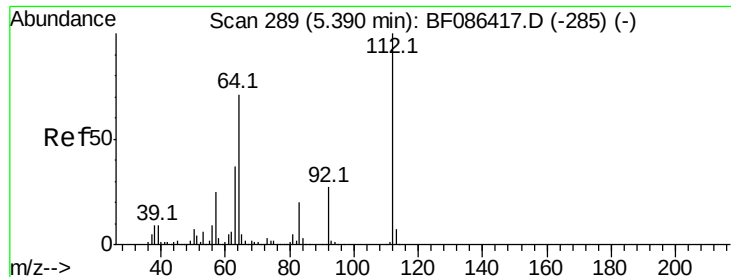
Delta R.T. 0.06 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	99.8	123.4	185.0#
44	6.9	5.8	8.6





#5

2-Fluorophenol

Concen: 111.41 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086423.D

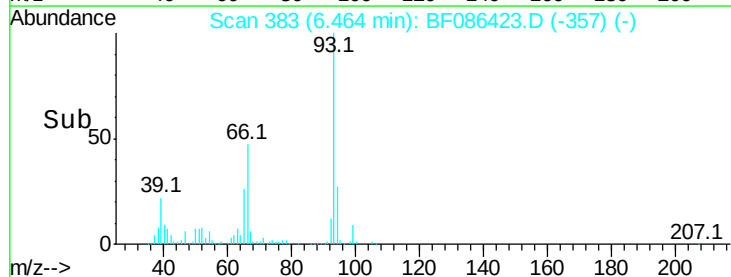
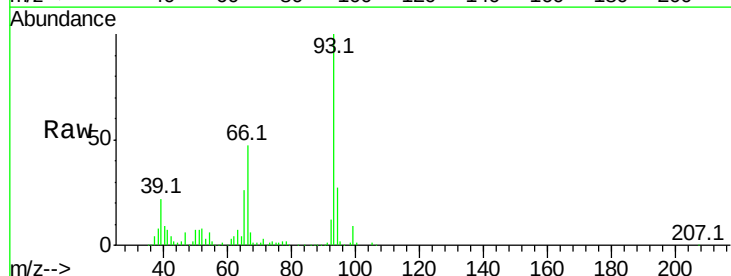
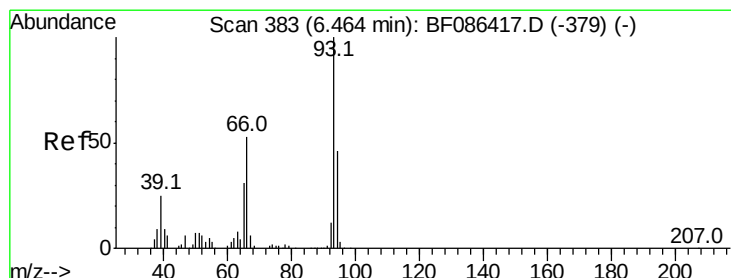
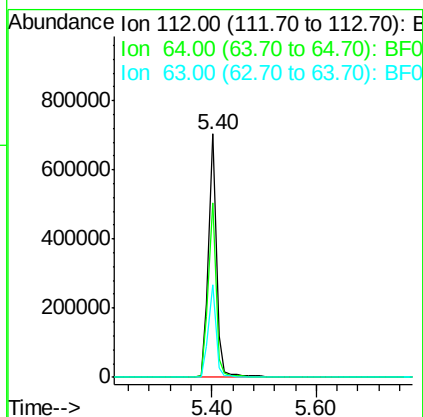
Acq: 27 Apr 2016 14:45

Tot Ion:	112	Resp:	764410
Ion Ratio	Lower	Upper	
112	100		
64	71.8	52.1	78.1
63	38.3	25.7	38.5

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PB89850BSD

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#6

Aniline

Concen: 34.48 ng

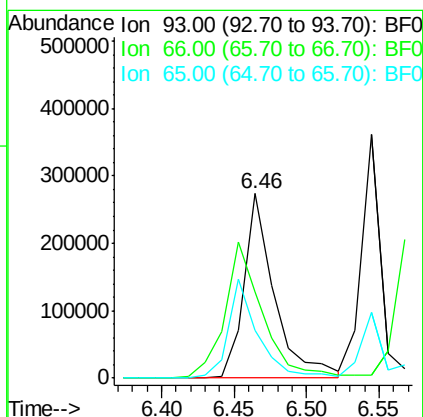
RT: 6.46 min Scan# 383

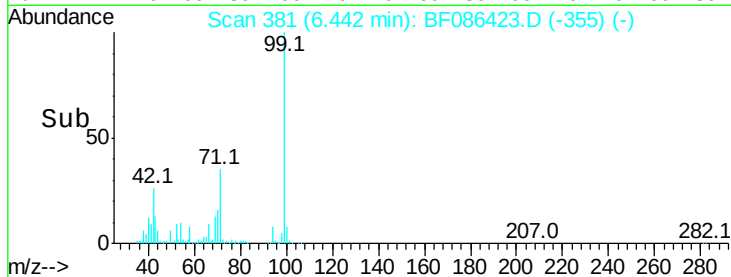
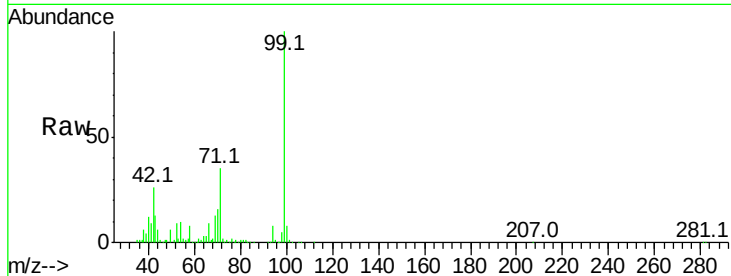
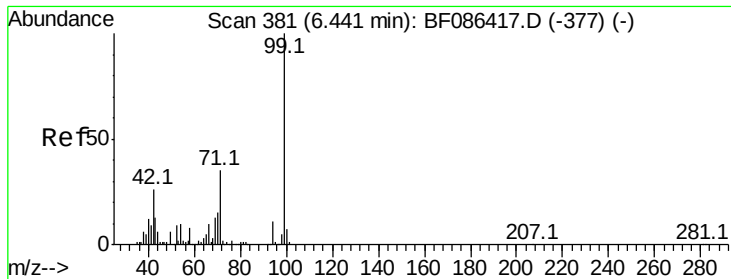
Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion:	93	Resp:	399587
Ion Ratio	Lower	Upper	
93	100		
66	47.0	39.0	58.6
65	25.8	20.6	31.0





#7

Phenol-d6

Concen: 109.91 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tot Ion: 99 Resp: 1052573

Ion Ratio Lower Upper

99 100

42 26.4 13.6 20.4#

71 35.2 24.6 36.8

Instrument :

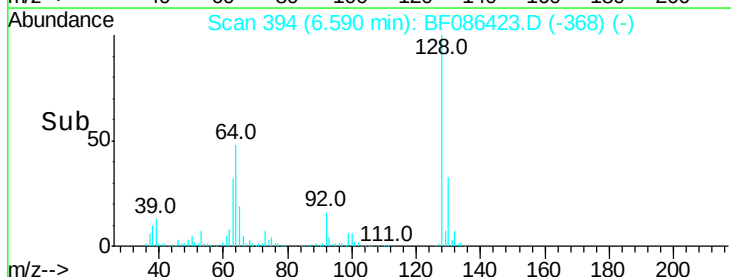
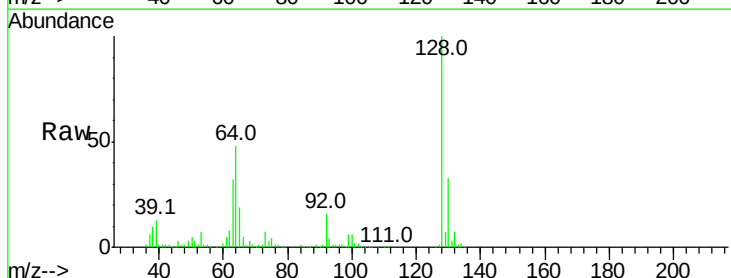
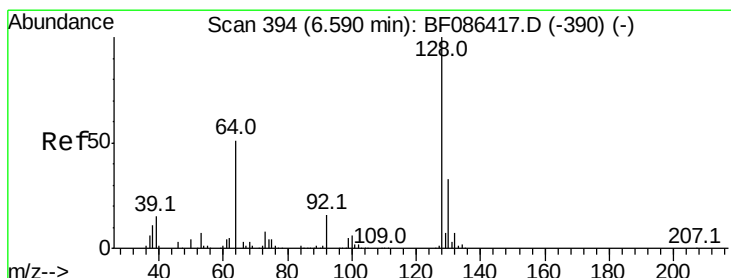
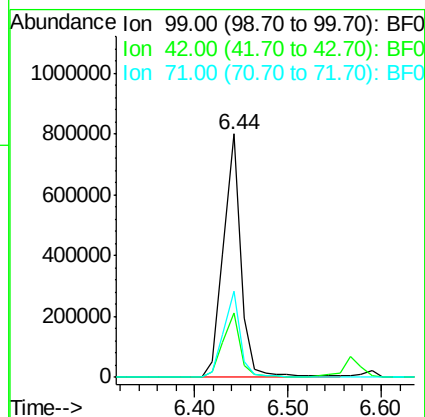
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ClientSampled :

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#8

2-Chlorophenol

Concen: 38.86 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

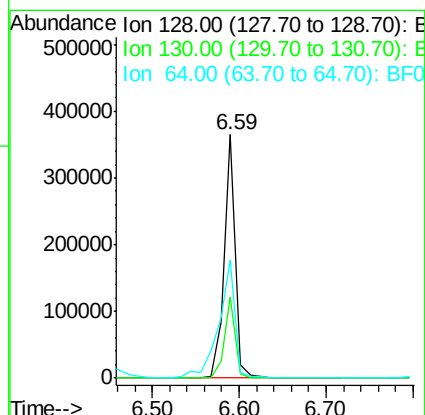
Tgt Ion: 128 Resp: 332075

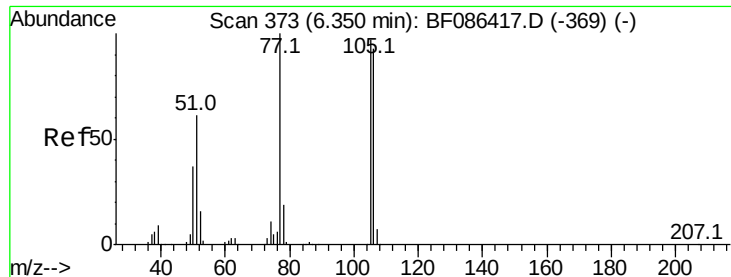
Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

64 48.5 27.3 67.3





#9

Benzaldehyde

Concen: 10.08 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

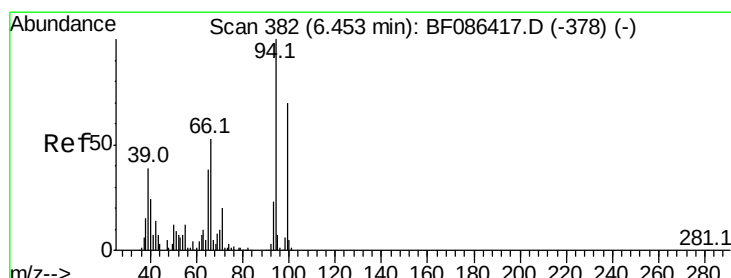
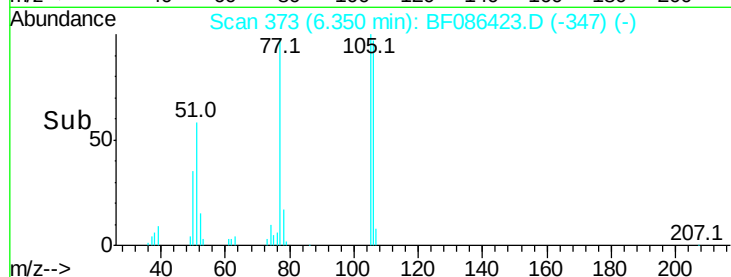
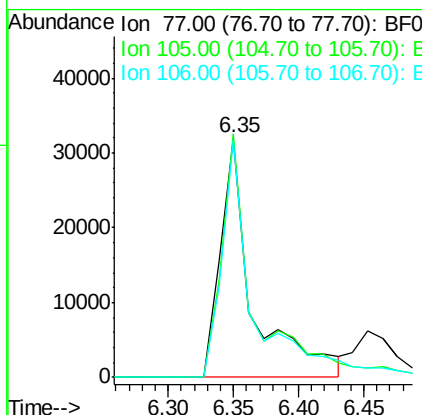
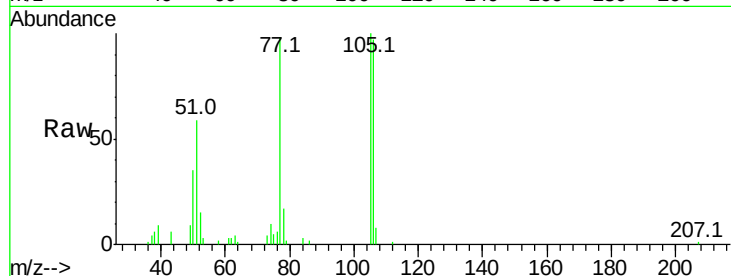
ClientSampleId :

PB89850BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.9	72.7	112.7
106	99.3	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 38.55 ng

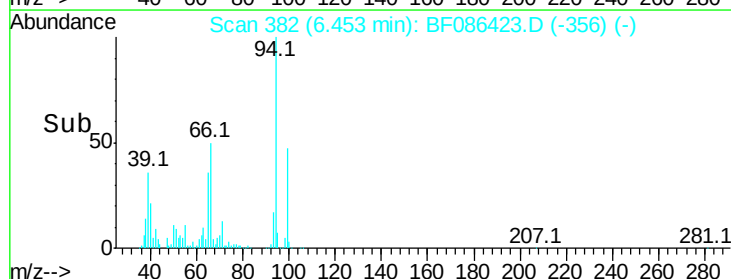
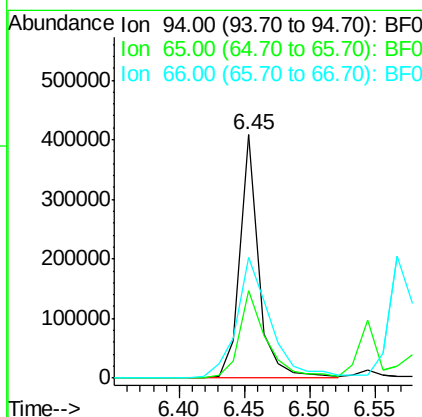
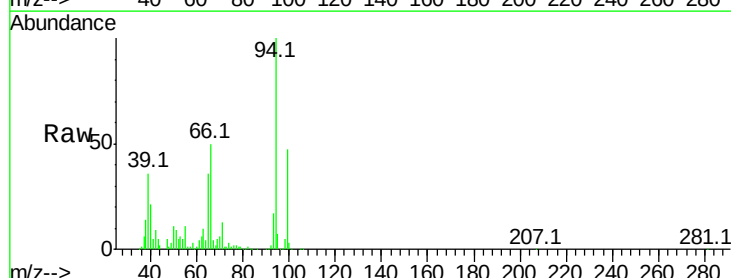
RT: 6.45 min Scan# 382

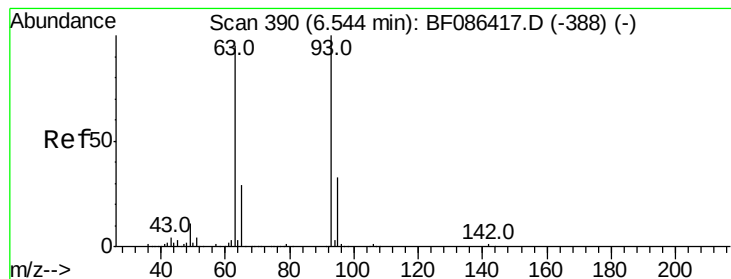
Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.1	7.2	47.2
66	49.7	14.9	54.9





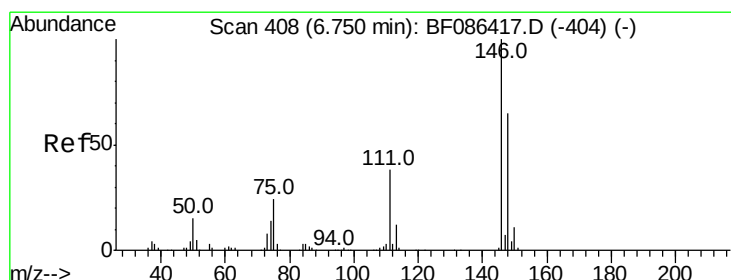
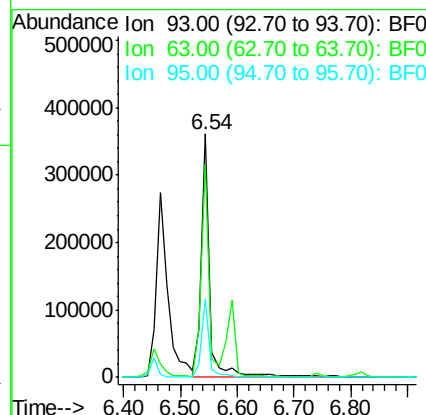
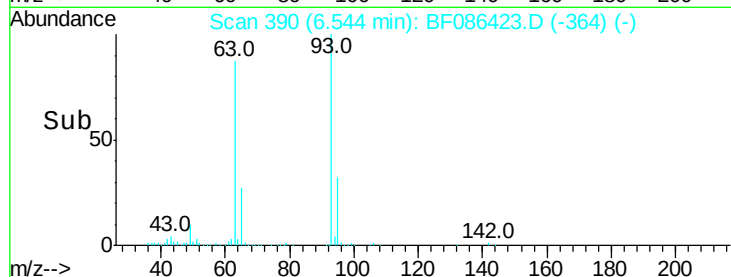
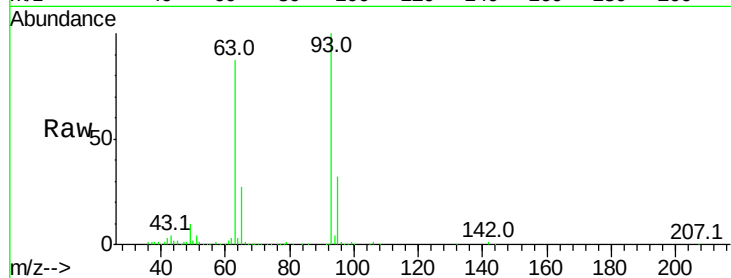
#11
bis(2-Chloroethyl)ether
Concen: 39.72 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	93	Resp	366852
Ion Ratio	Lower	Upper	
93	100		
63	87.4	58.0	98.0
95	32.2	11.9	51.9

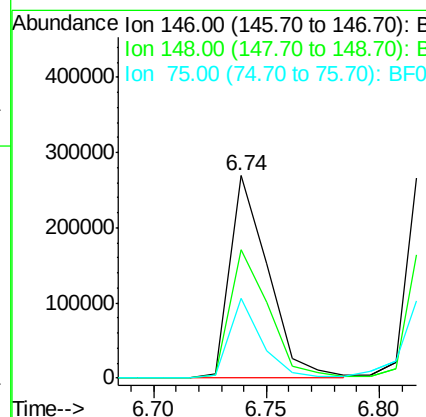
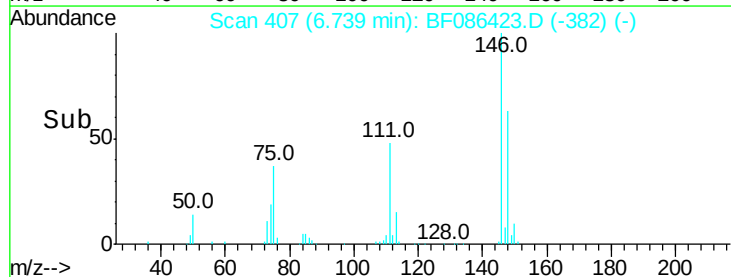
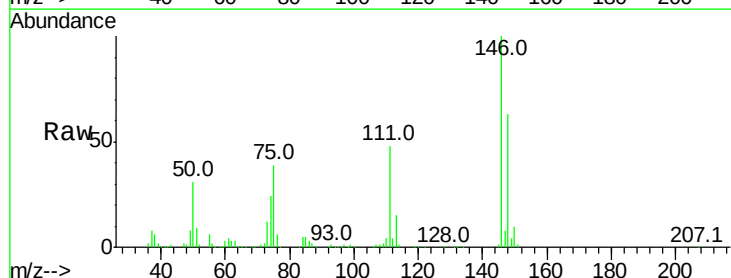
Manual Integrations
APPROVED

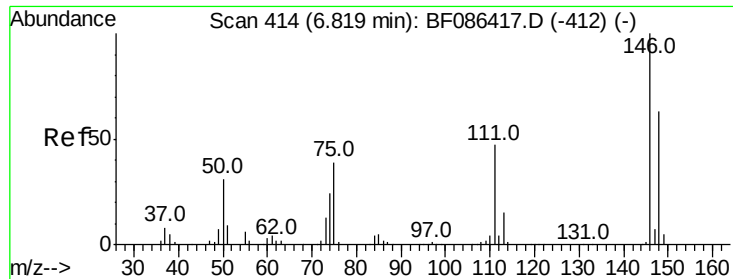
sohil
4/28/2016 2:14:03 PM



#12
1,3-Dichlorobenzene
Concen: 34.91 ng m
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	146	Resp	320876
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.4	78.6
75	39.3	22.8	34.2#





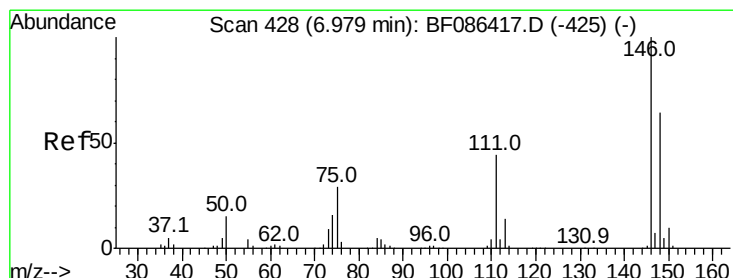
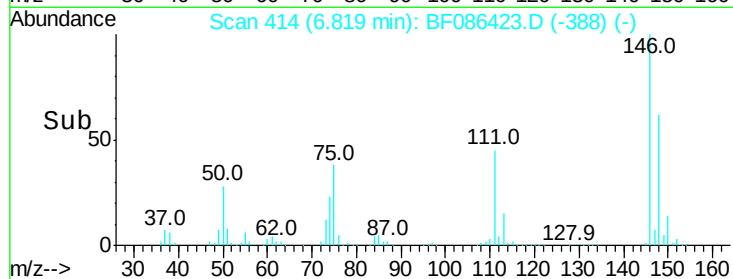
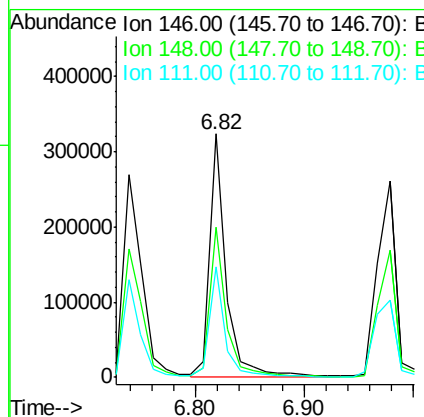
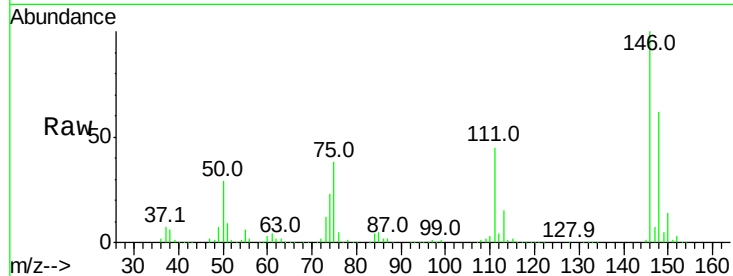
#13
 1,4-Dichlorobenzene
 Concen: 36.02 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.6	52.2	78.4
111	45.1	30.7	46.1

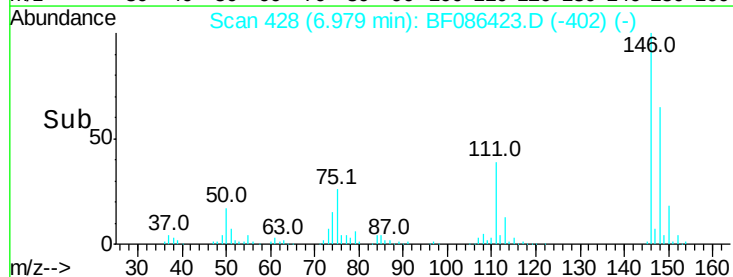
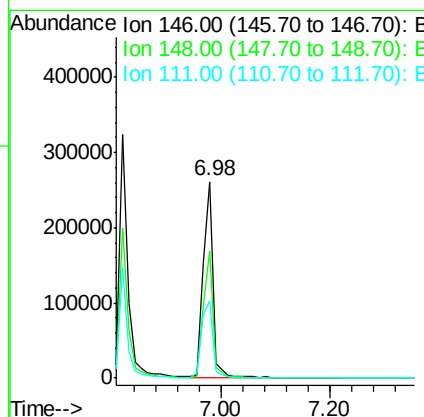
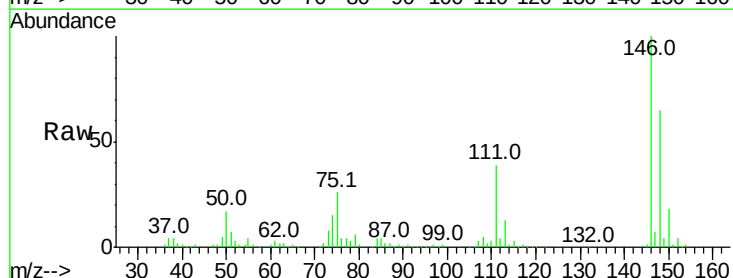
Manual Integrations
 APPROVED

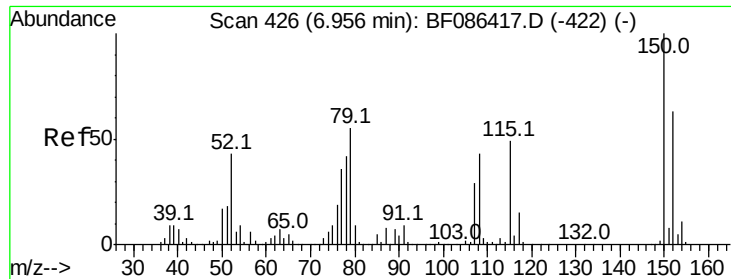
sohil
 4/28/2016 2:14:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.63 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.0	76.6
111	39.1	36.2	54.4





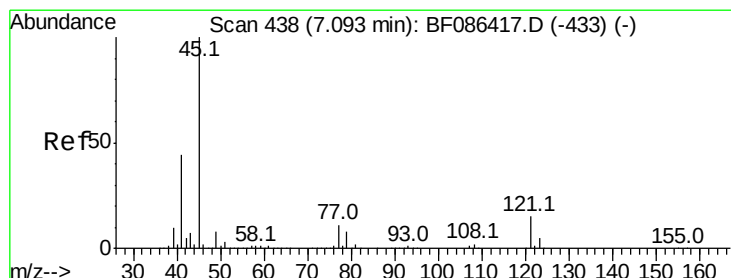
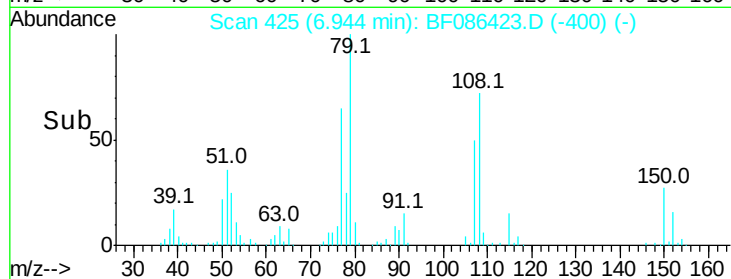
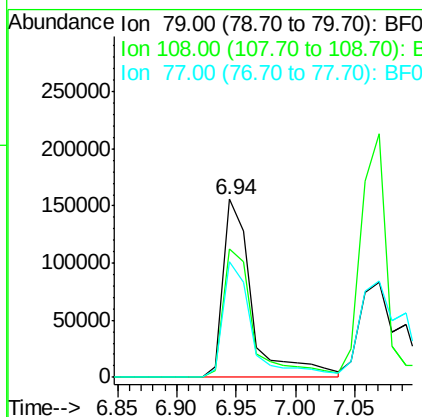
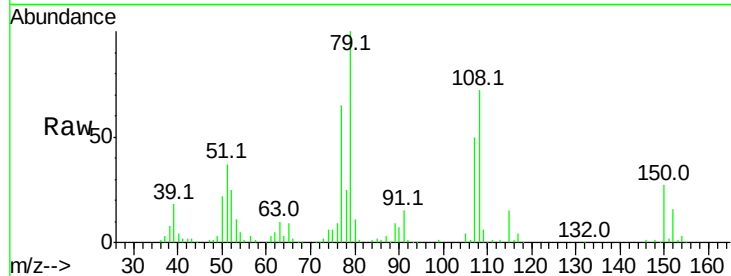
#15
Benzyl Alcohol
Concen: 43.59 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampled :
PB89850BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.1	68.4	102.6
77	65.1	50.6	76.0

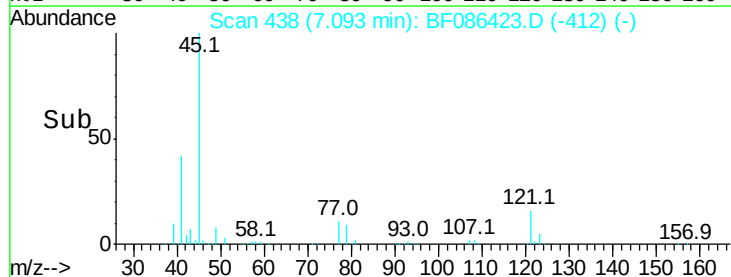
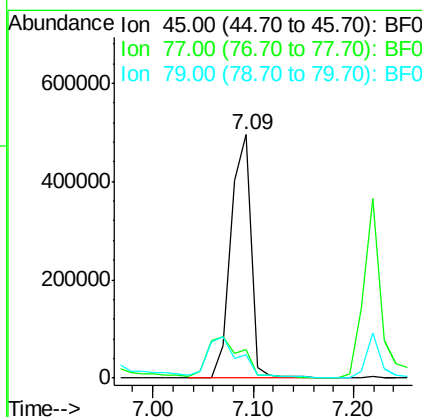
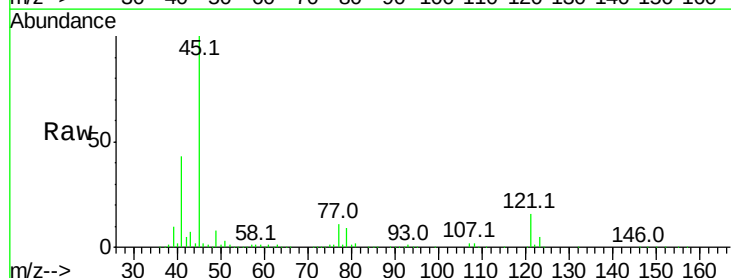
Manual Integrations
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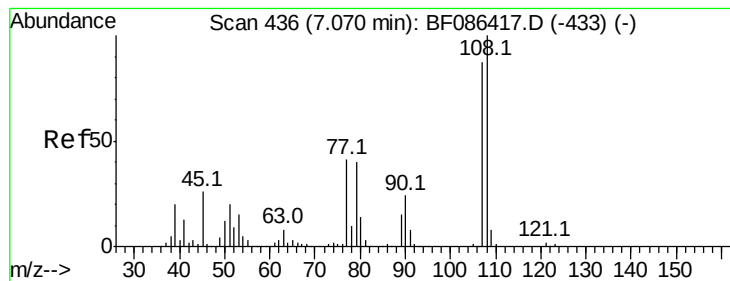
sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.12 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	36.4
79	9.5	0.0	33.4





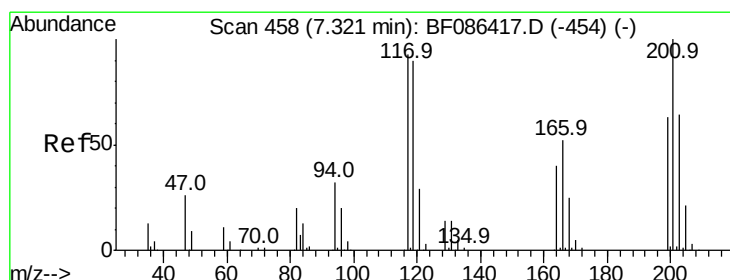
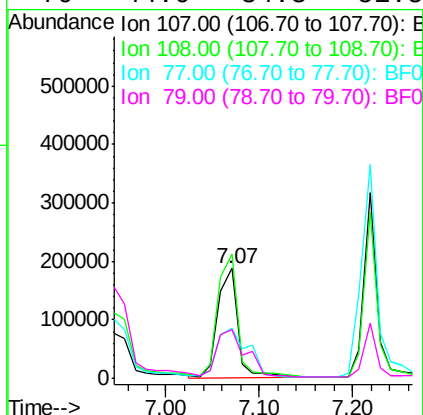
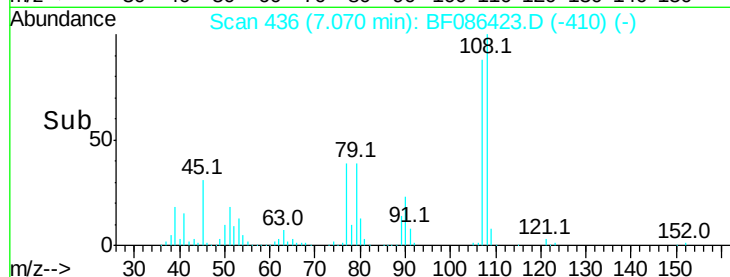
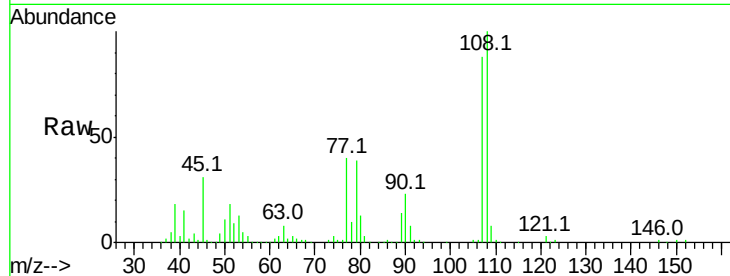
#17
2-Methylphenol
Concen: 40.44 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	279310		
108	113.1	93.7	140.5	
77	44.9	33.4	50.0	
79	44.0	34.3	51.5	

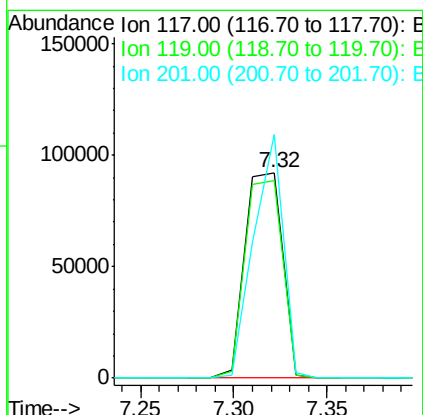
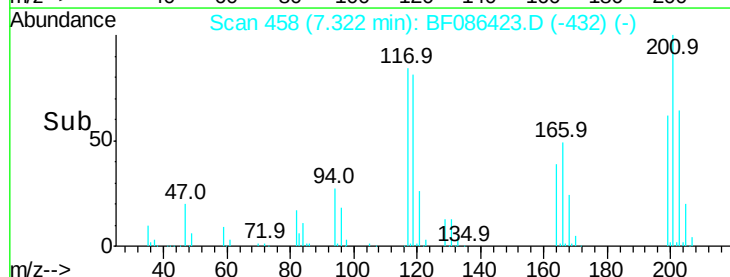
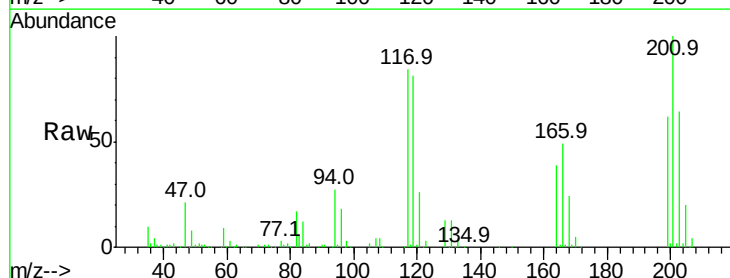
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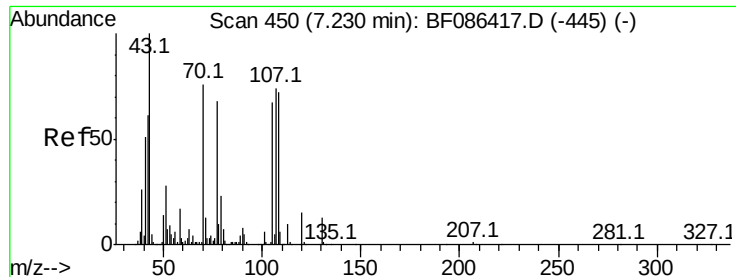
sohil
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#18
Hexachloroethane
Concen: 36.21 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	128330		
119	96.5	76.5	114.7	
201	118.6	63.0	94.6#	





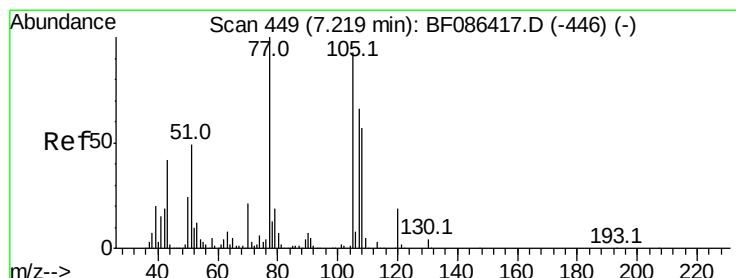
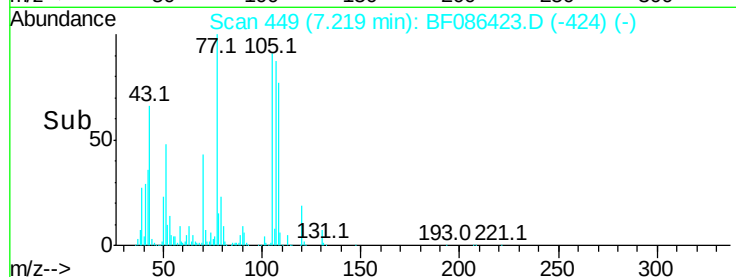
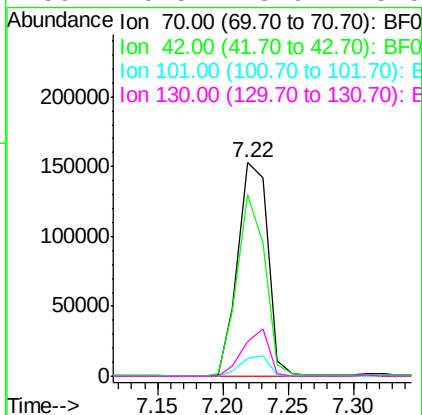
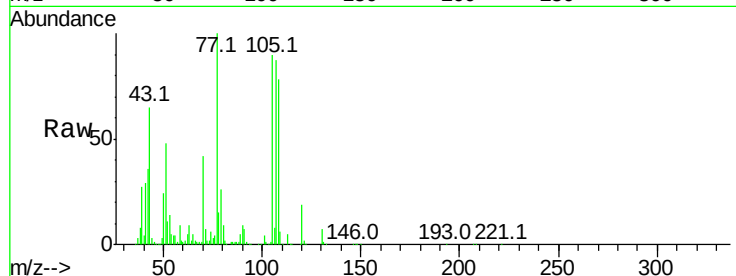
#19
n-Nitroso-di-n-propylamine
Concen: 38.91 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		246282		
42	85.2	43.1	64.7#		
101	8.6	8.1	12.1		
130	16.5	18.6	28.0#		

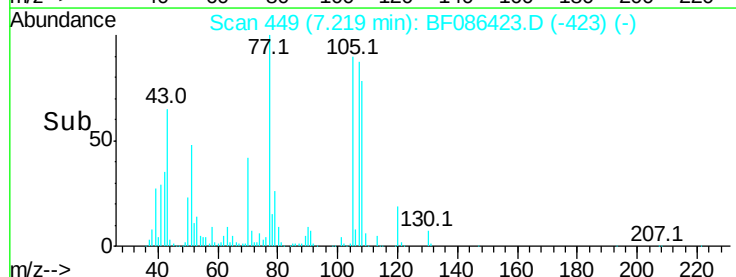
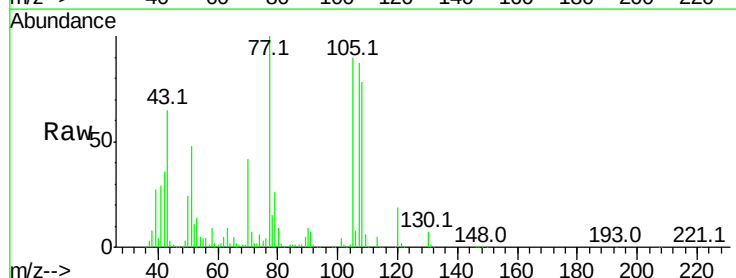
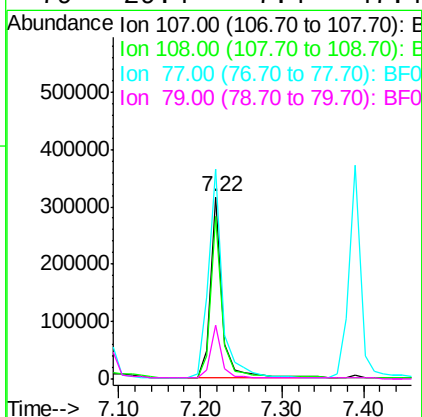
Manual Integrations
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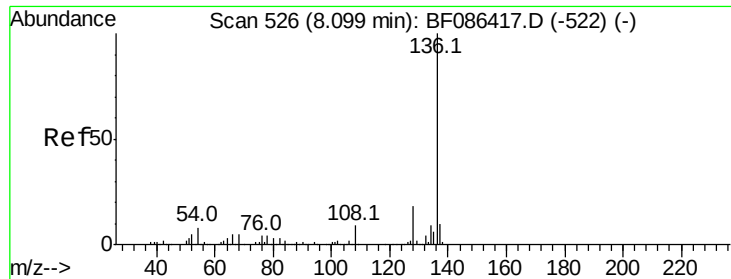
sohil
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#20
3+4-Methylphenols
Concen: 41.29 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		325629		
108	89.5	68.5	108.5		
77	115.3	101.6	141.6		
79	29.4	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

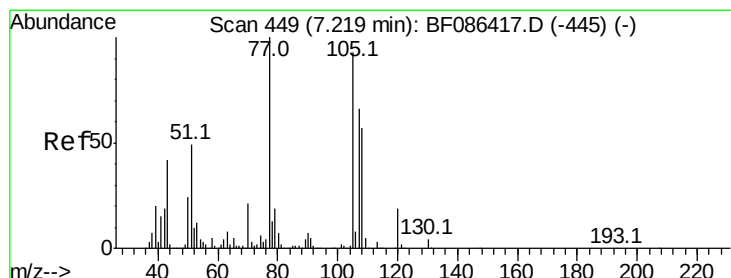
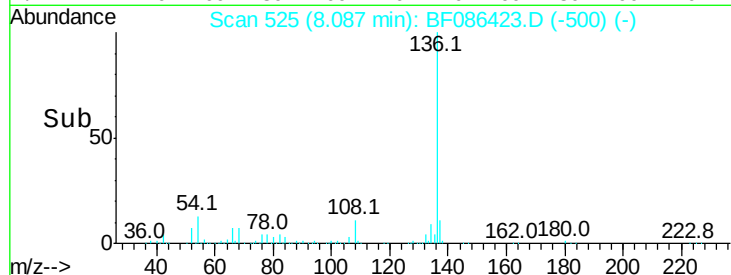
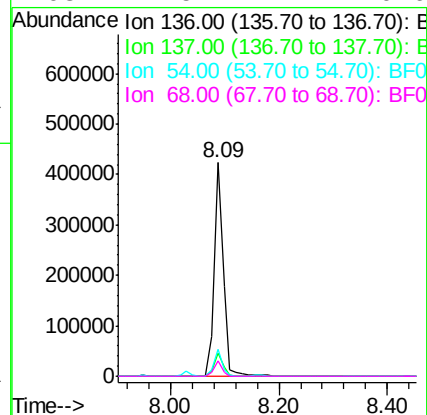
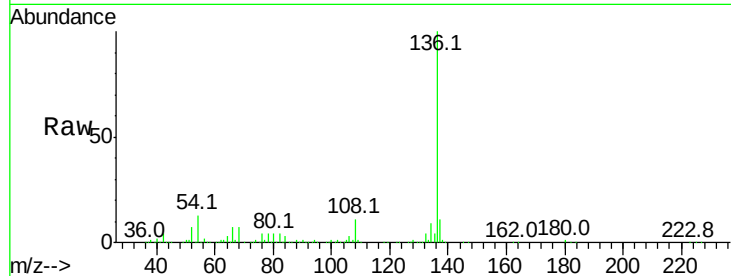
ClientSampleId :

PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	493537		
137	10.9	8.8	13.2	
54	12.7	5.0	7.4#	
68	7.5	4.4	6.6#	

Manual Integrations
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#22

Acetophenone

Concen: 41.07 ng

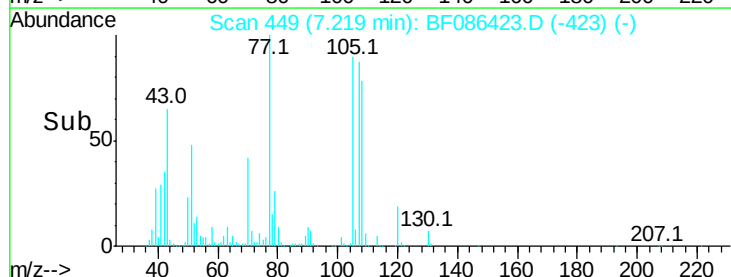
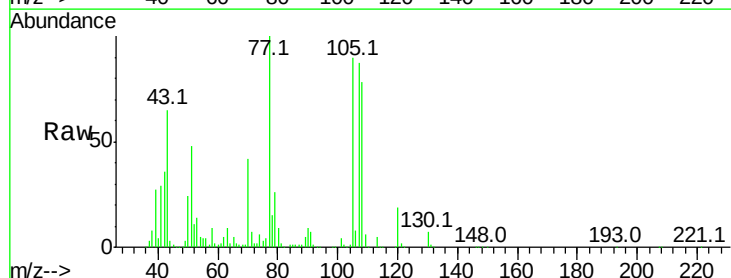
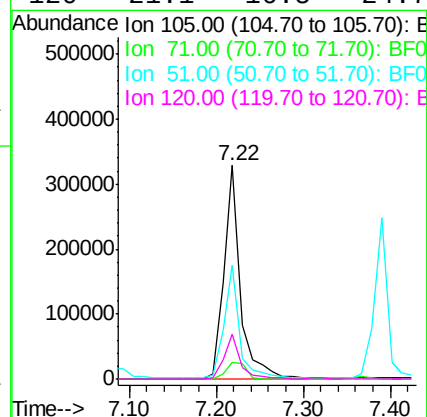
RT: 7.22 min Scan# 449

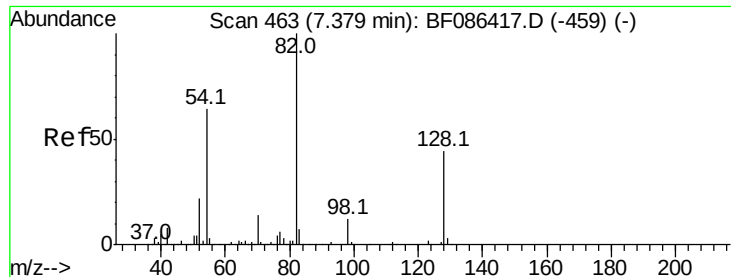
Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	444412		
71	7.8	4.8	7.2#	
51	53.5	32.6	49.0#	
120	21.1	16.5	24.7	





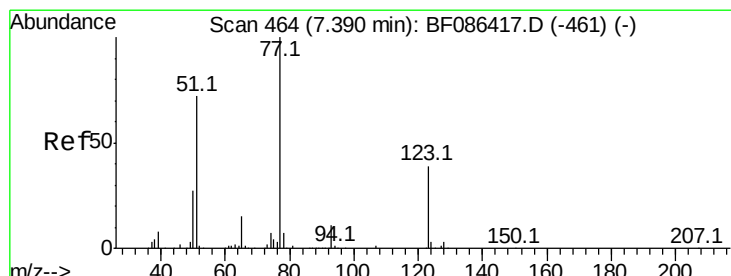
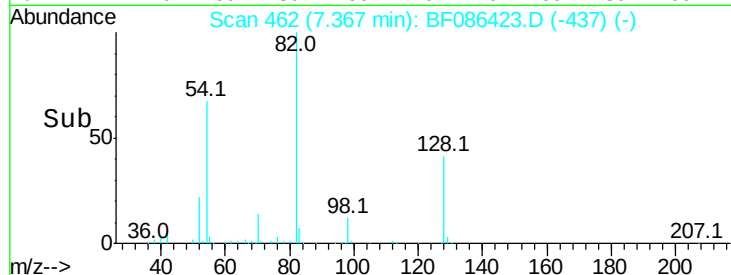
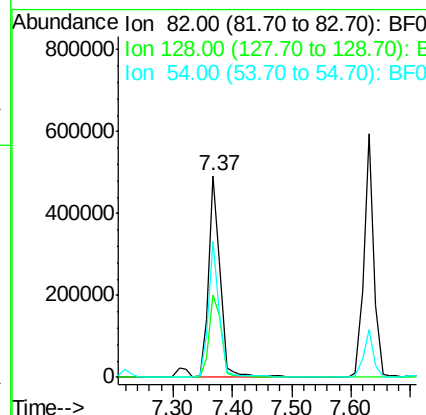
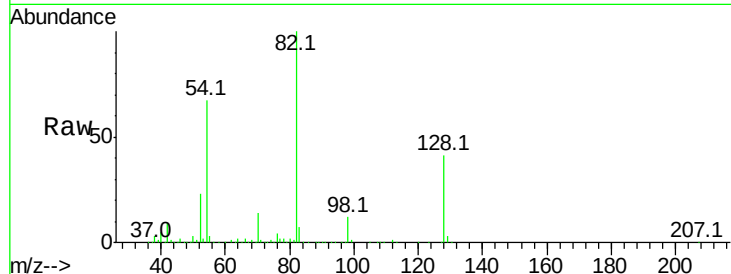
#23
Nitrobenzene-d5
Concen: 75.23 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	688872		
128	40.6	40.6	61.0#	
54	67.1	38.1	57.1#	

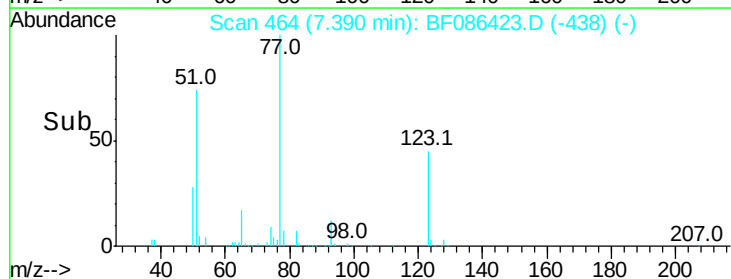
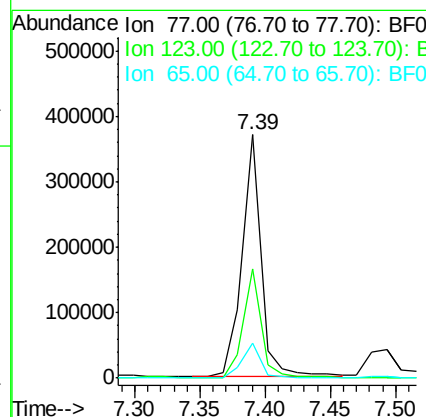
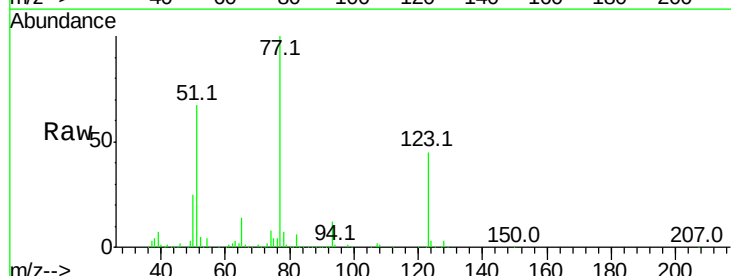
Manual Integrations
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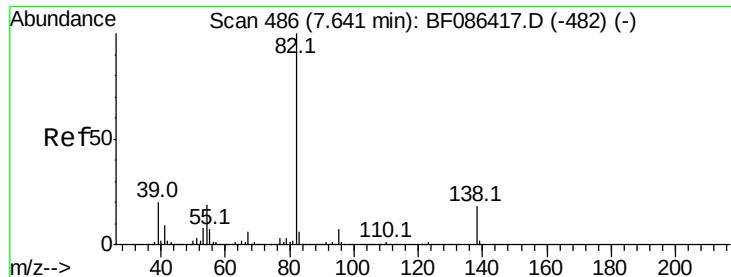
sohil
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#24
Nitrobenzene
Concen: 40.06 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	377348		
123	44.8	33.0	49.4	
65	14.4	10.8	16.2	





#25

Isophorone

Concen: 38.80 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

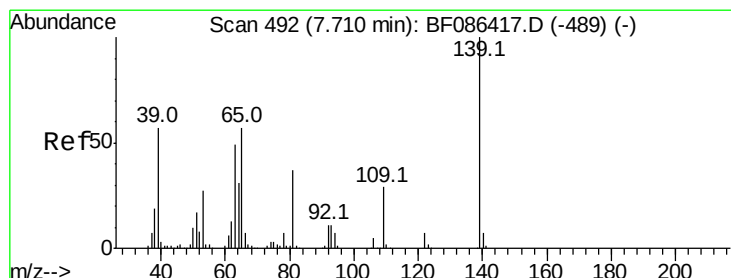
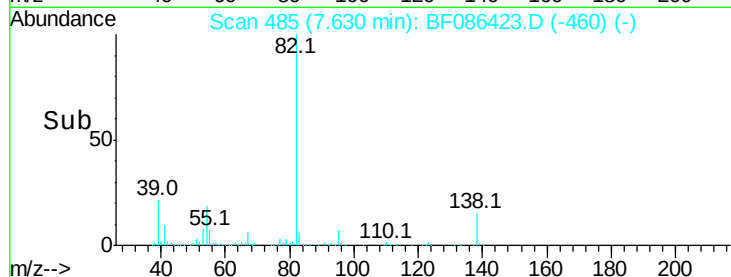
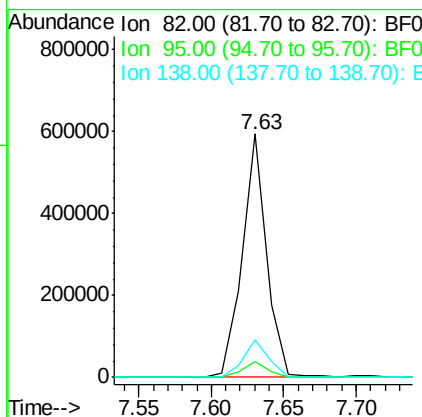
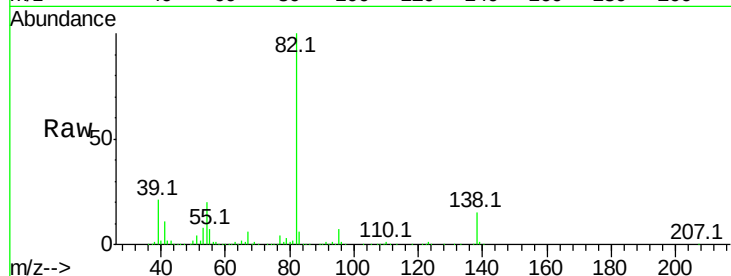
ClientSampleId :

PB89850BSD

Tot Ion:	82	Resp:	683734
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.1	7.7
138	15.3	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.56 ng

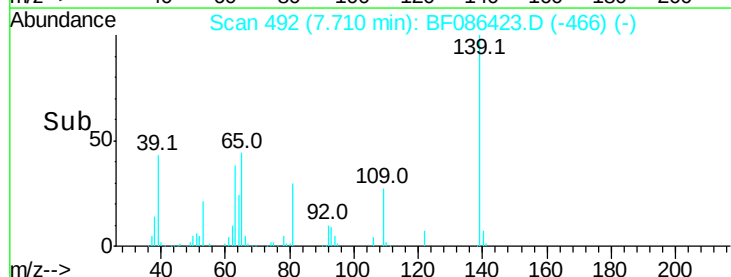
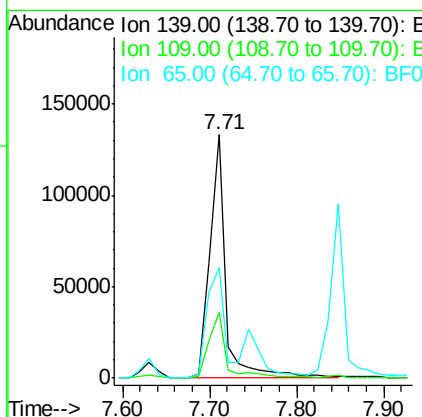
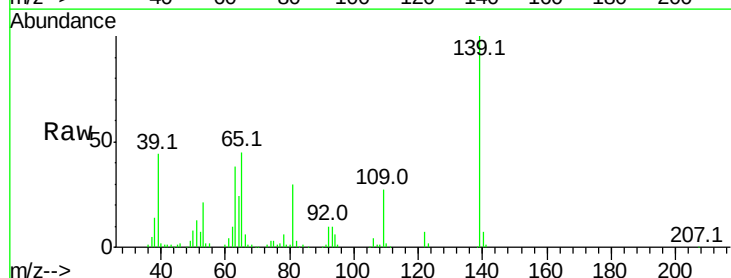
RT: 7.71 min Scan# 492

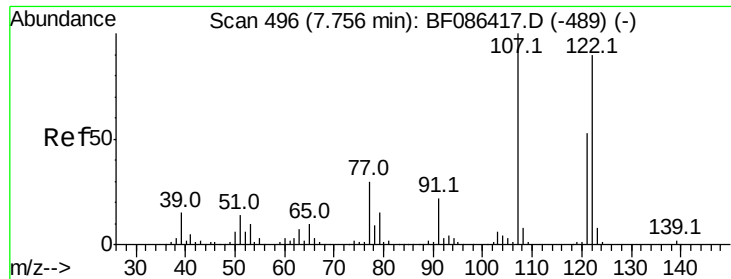
Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion:	139	Resp:	171579
Ion Ratio	Lower	Upper	
139	100		
109	27.1	19.5	29.3
65	45.4	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 39.11 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

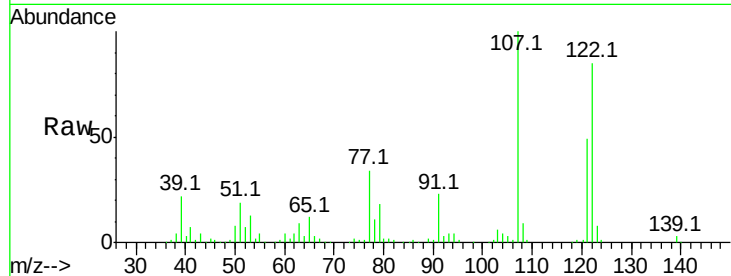
ClientSampleId :

PB89850BSD

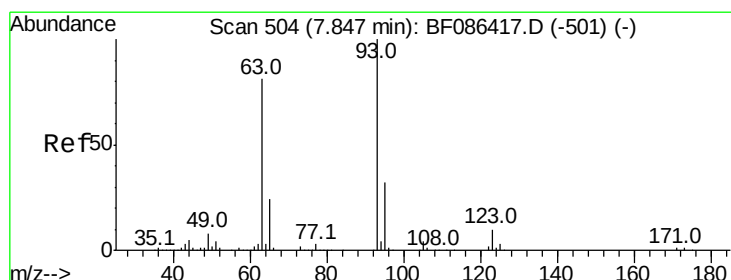
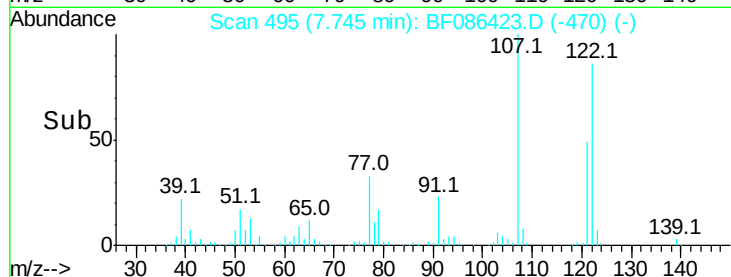
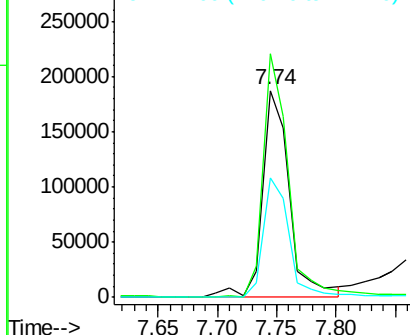
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Tot Ion	122	Resp	297590
Ion Ratio	Lower	Upper	
122	100		
107	117.6	82.0	123.0
121	57.5	46.1	69.1



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: 44.30 ng

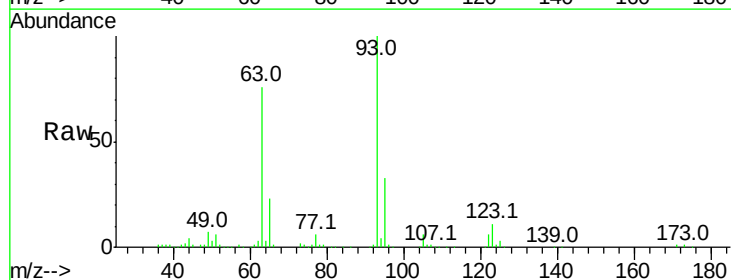
RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

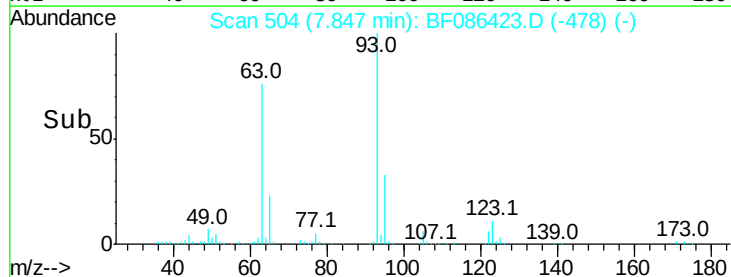
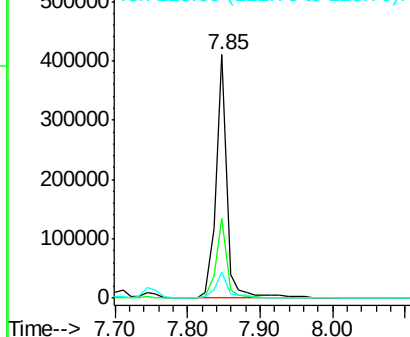
Lab File: BF086423.D

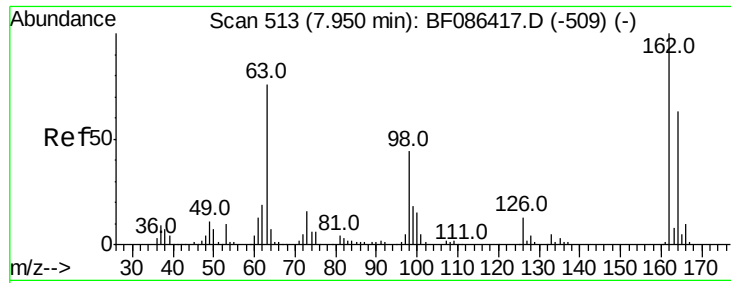
Acq: 27 Apr 2016 14:45

Tgt Ion	93	Resp	425284
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.0	39.0
123	10.6	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: 43.95 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

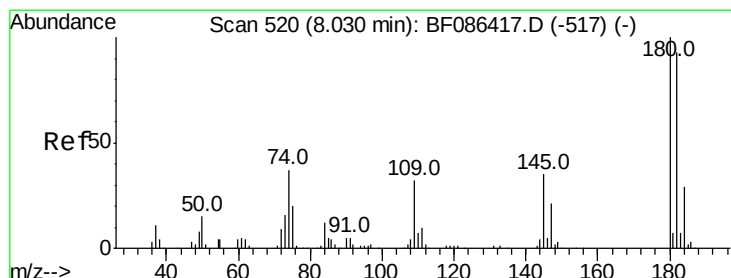
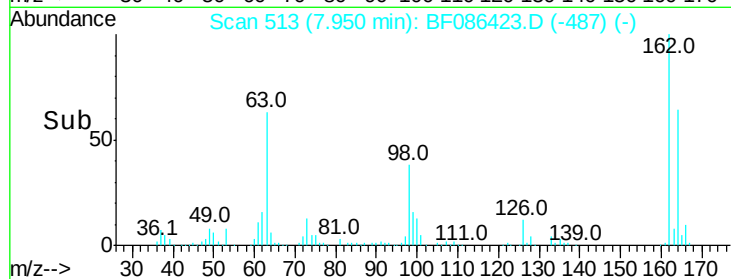
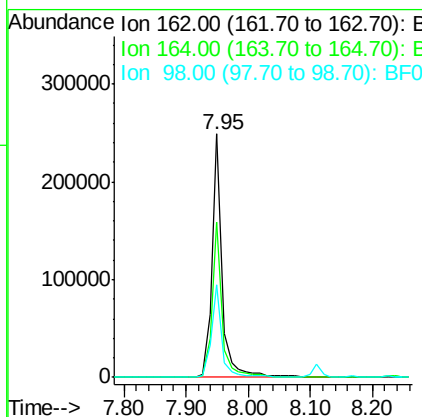
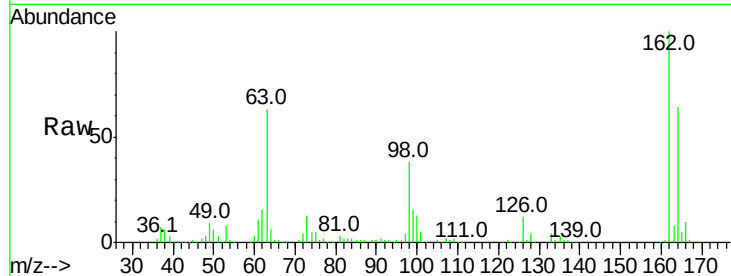
ClientSampleId :

PB89850BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		282135		
164	63.8	42.2	82.2		
98	38.3	19.0	59.0		

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#30

1,2,4-Trichlorobenzene

Concen: 38.15 ng

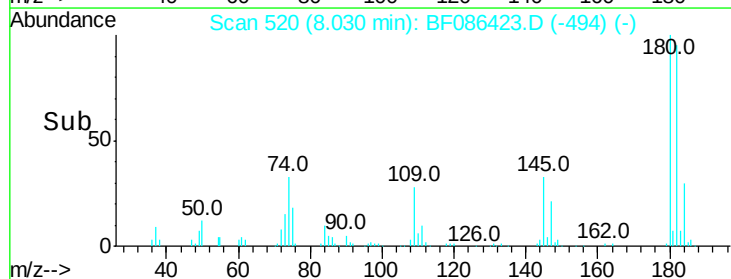
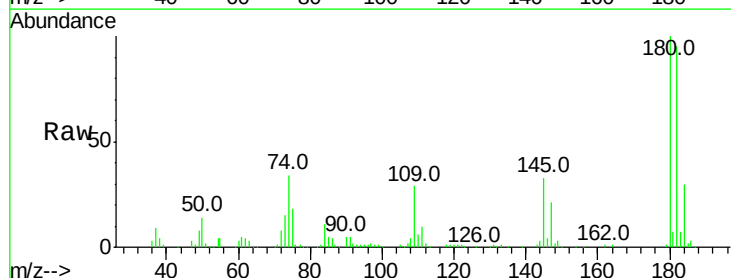
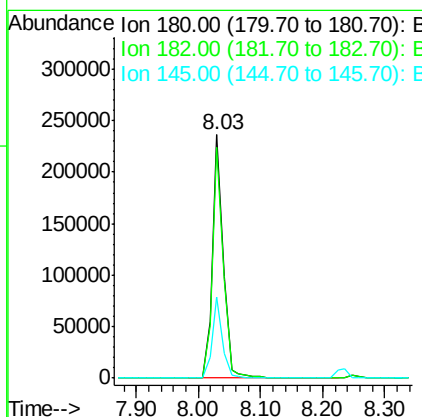
RT: 8.03 min Scan# 520

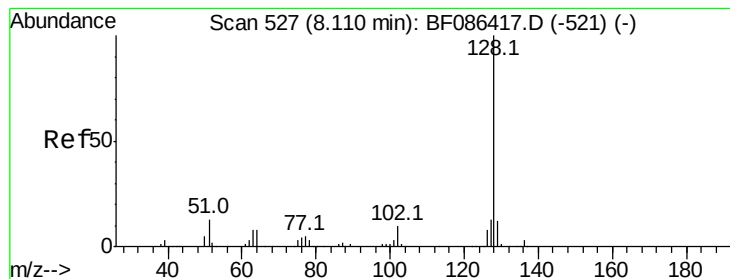
Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		284169		
182	94.9	78.0	117.0		
145	33.3	24.2	36.2		





#31

Naphthalene

Concen: 38.43 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

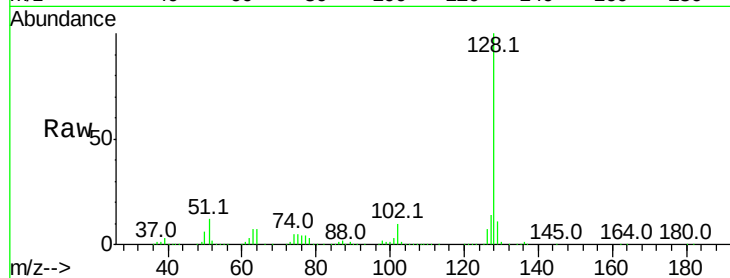
ClientSampleId :

PB89850BSD

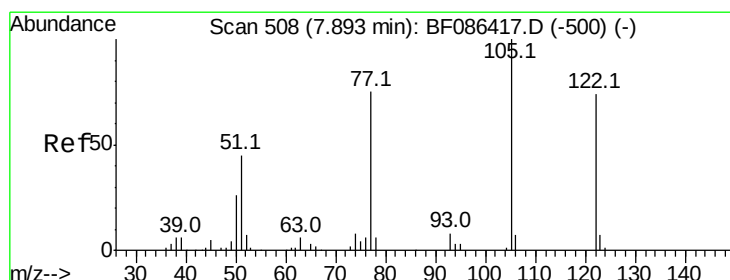
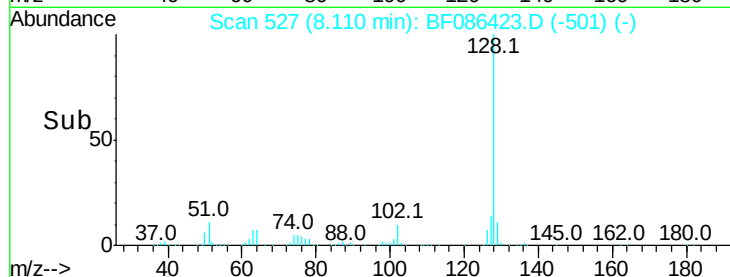
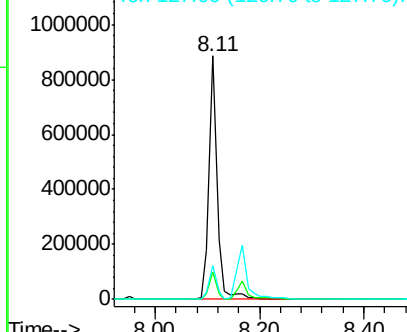
Tot Ion:	128	Resp:	965088
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.6	13.0
127	13.6	10.8	16.2

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



#32

Benzoic acid

Concen: 34.60 ng

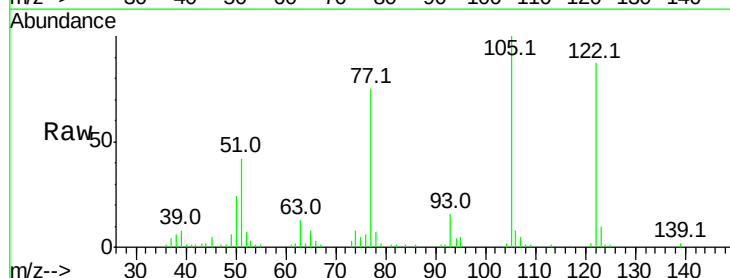
RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

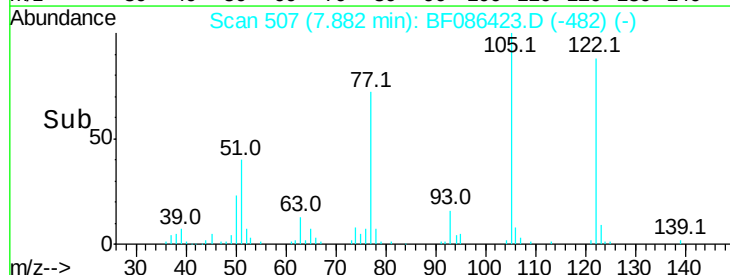
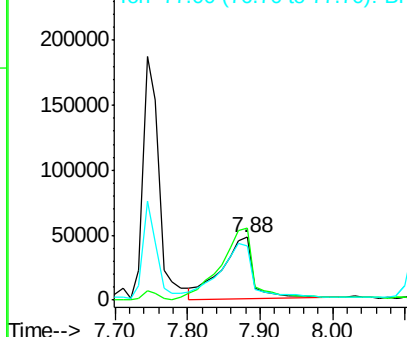
Lab File: BF086423.D

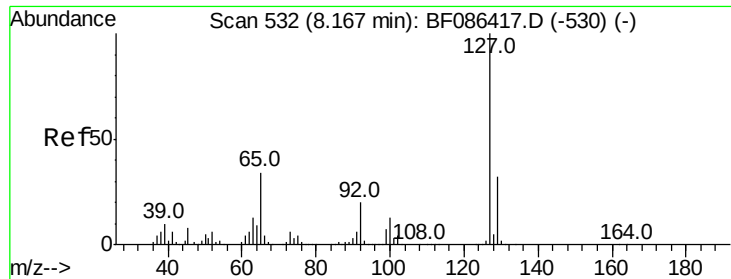
Acq: 27 Apr 2016 14:45

Tgt Ion:	122	Resp:	145578
Ion Ratio	Lower	Upper	
122	100		
105	115.3	92.6	132.6
77	86.9	60.0	100.0



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





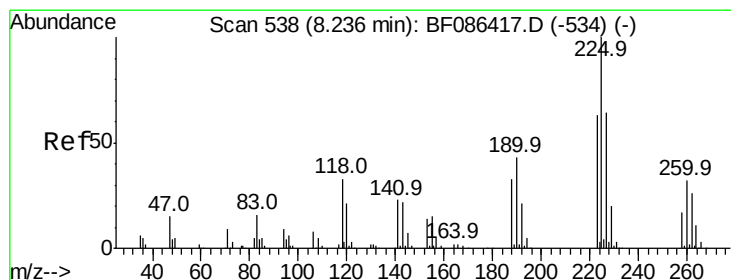
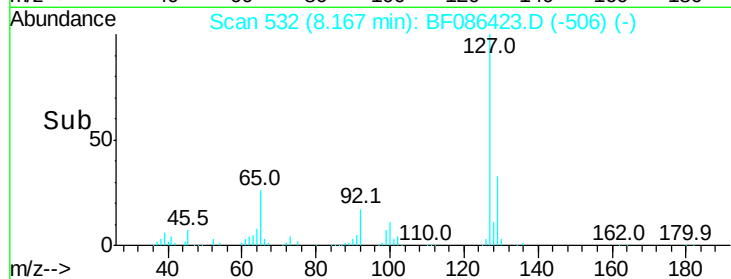
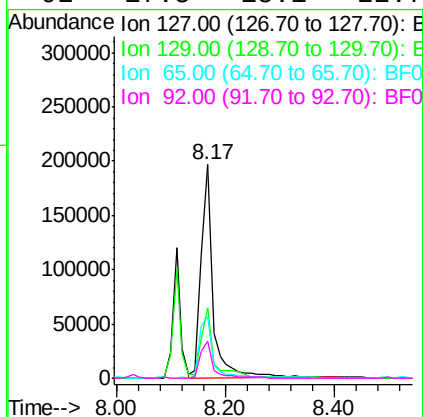
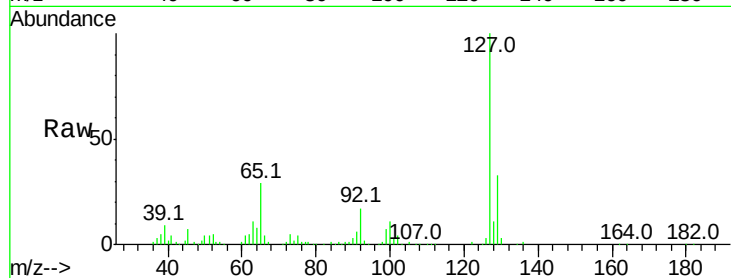
#33
 4-Chloroaniline
 Concen: 31.42 ng
 RT: 8.17 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		295444		
129	32.8	26.2	39.4		
65	28.9	23.0	34.4		
92	17.5	15.1	22.7		

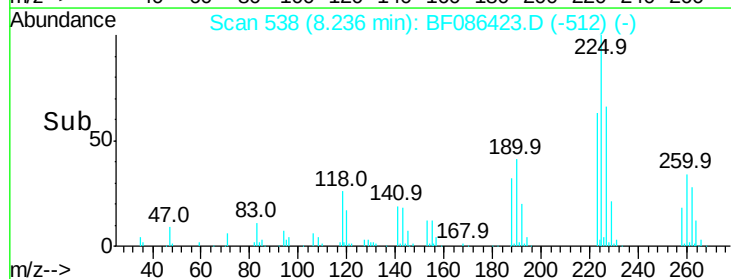
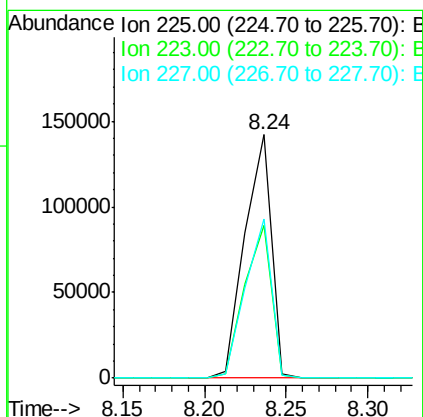
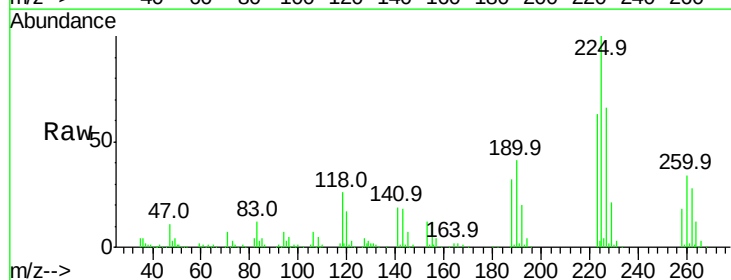
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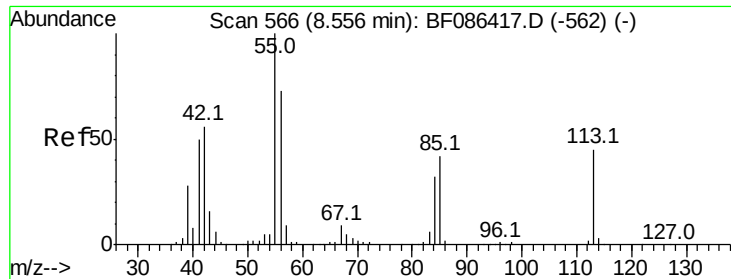
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#34
 Hexachlorobutadiene
 Concen: 38.40 ng
 RT: 8.24 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		160305		
223	62.6	51.5	77.3		
227	65.5	52.2	78.2		





#35

Caprolactam

Concen: 40.95 ng/ml

RT: 8.53 min Scan# 564

Delta R.T. -0.02 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

Tot Ion:113 Resp: 87695

Ion Ratio Lower Upper

113 100

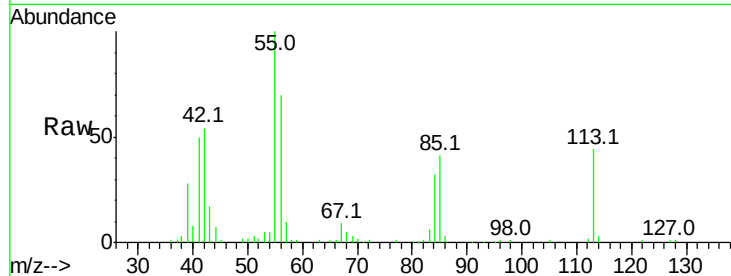
55 227.1 162.0 202.0#

56 159.3 115.3 155.3#

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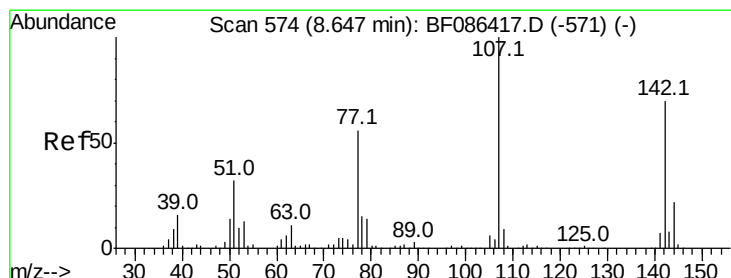
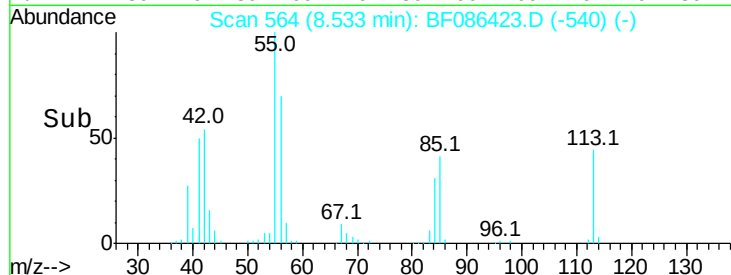
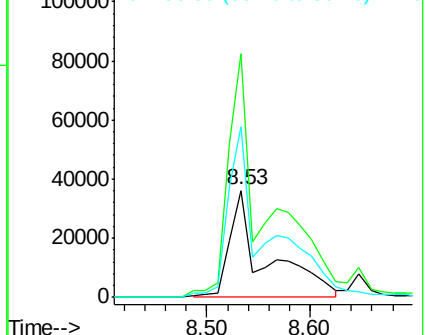
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.14 ng/ml

RT: 8.65 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

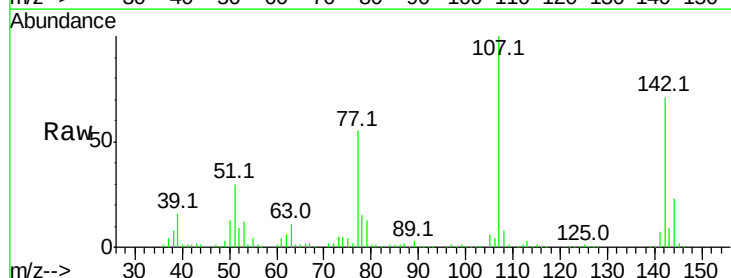
Tgt Ion:107 Resp: 302389

Ion Ratio Lower Upper

107 100

144 23.3 20.7 31.1

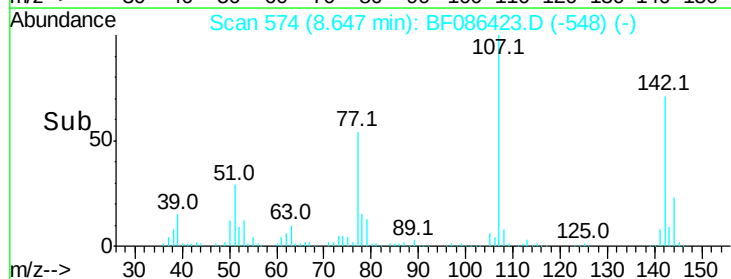
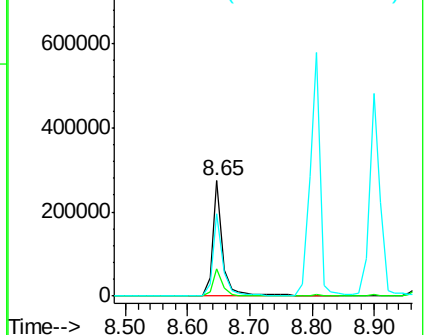
142 71.3 63.2 94.8

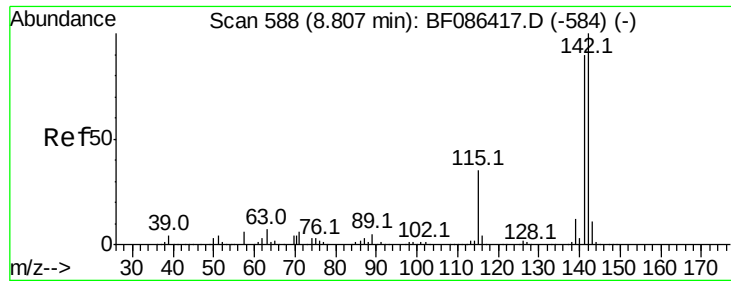


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





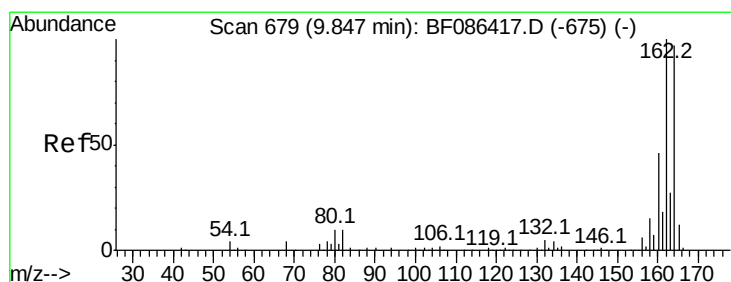
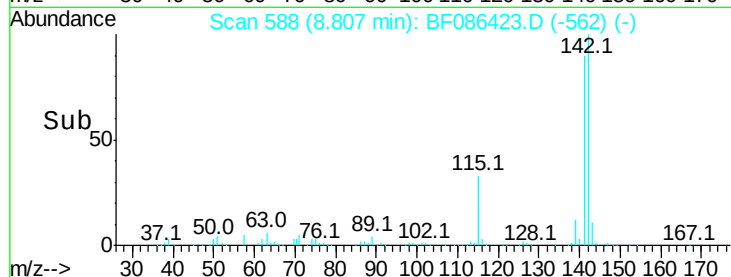
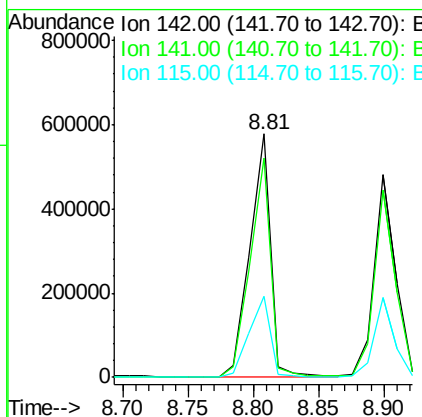
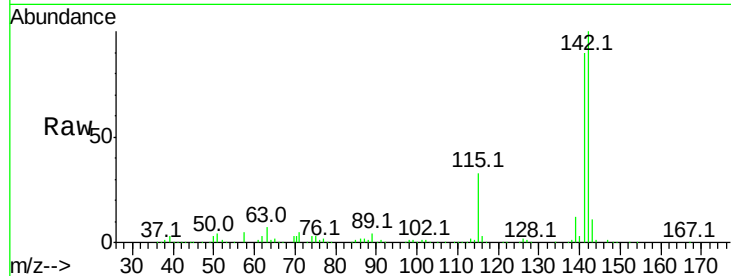
#37
 2-Methylnaphthalene
 Concen: 43.45 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion:	142	Resp:	643826
Ion Ratio	Lower	Upper	
142	100		
141	90.1	71.0	106.6
115	33.2	26.6	39.8

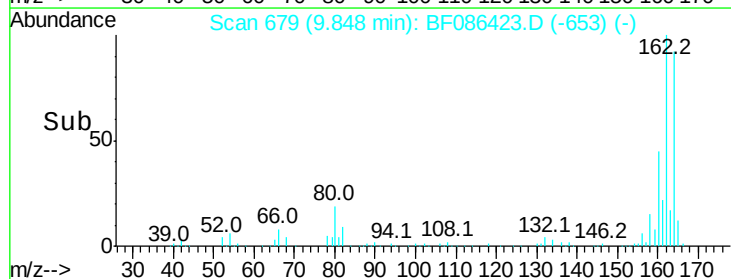
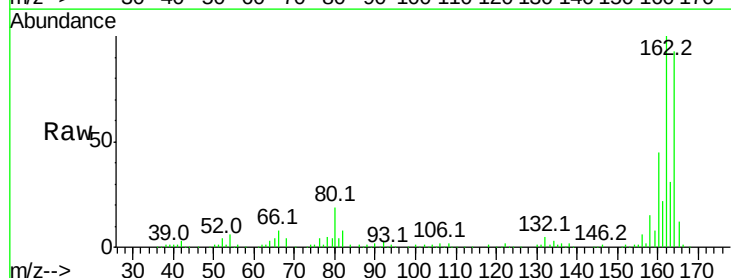
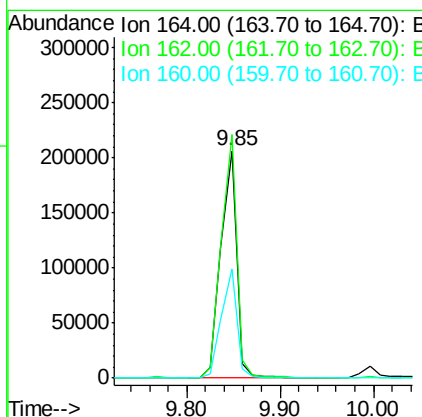
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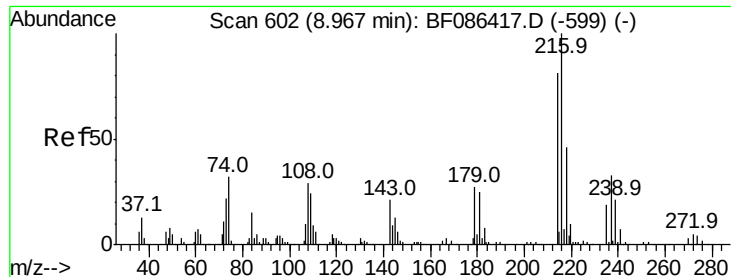
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion:	164	Resp:	243706
Ion Ratio	Lower	Upper	
164	100		
162	107.0	82.8	124.2
160	48.1	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.98 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

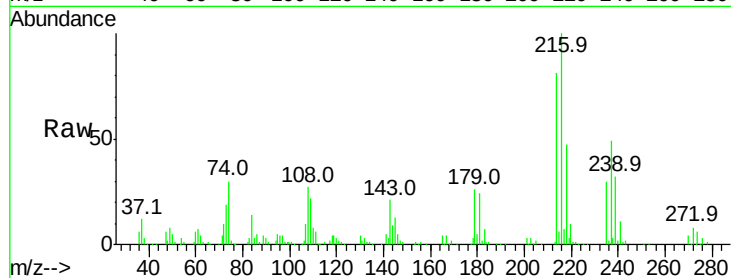
ClientSampleId :

PB89850BSD

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	243989		
214	79.9	62.6	93.8	
179	23.1	18.2	27.4	
108	26.0	17.5	26.3	

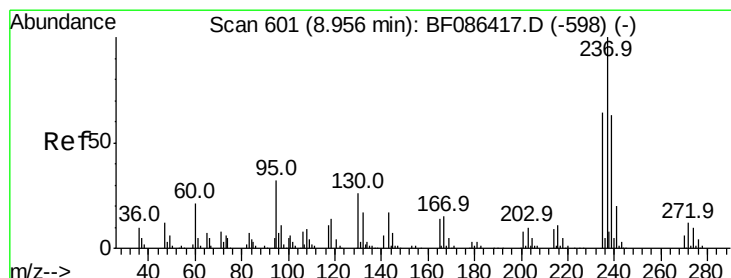
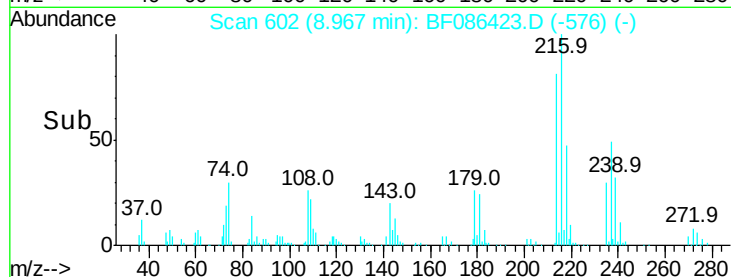
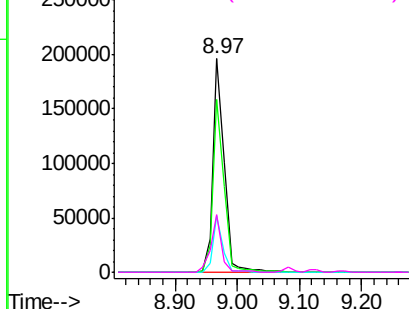


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.40 ng

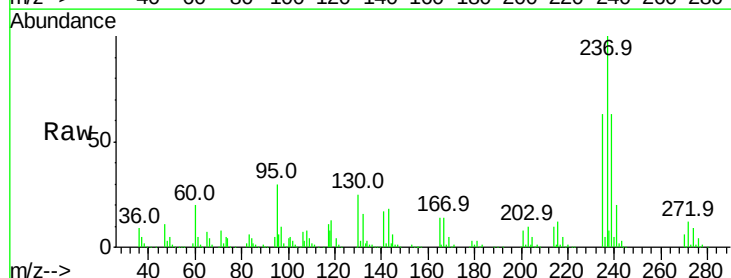
RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

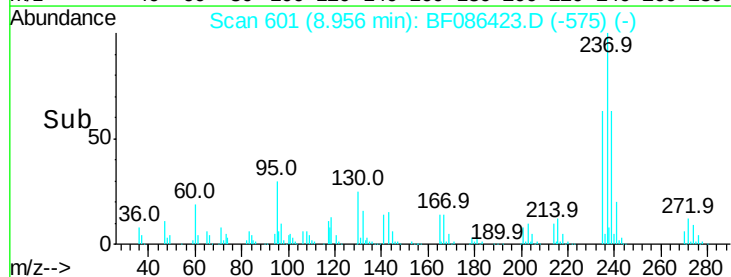
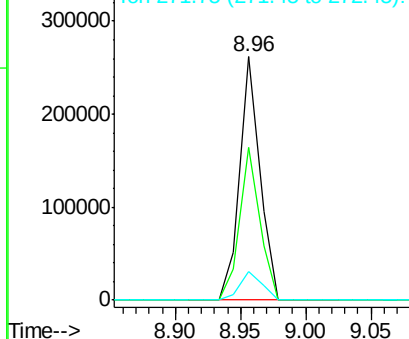
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	282193		
235	62.6	47.2	87.2	
272	11.8	0.0	31.1	

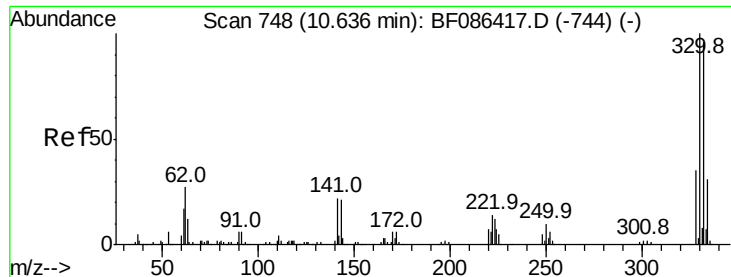


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





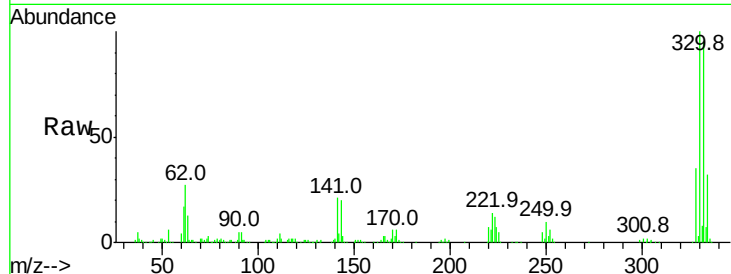
#41
 2,4,6-Tribromophenol
 Concen: 123.83 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

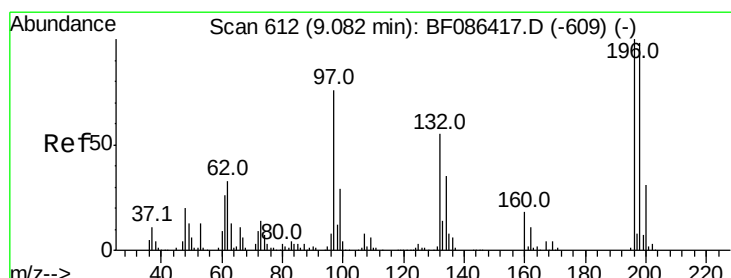
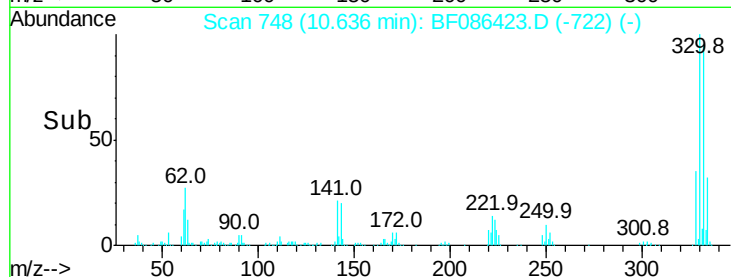
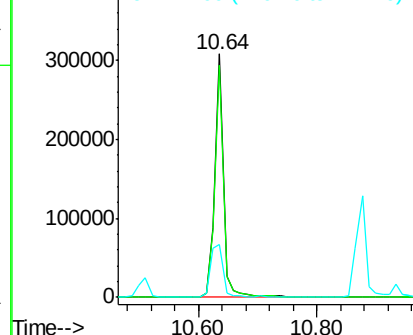
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	79.0	118.4	
141	31.1	31.2	46.8	

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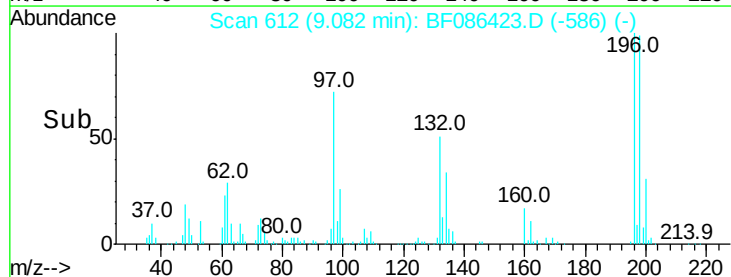
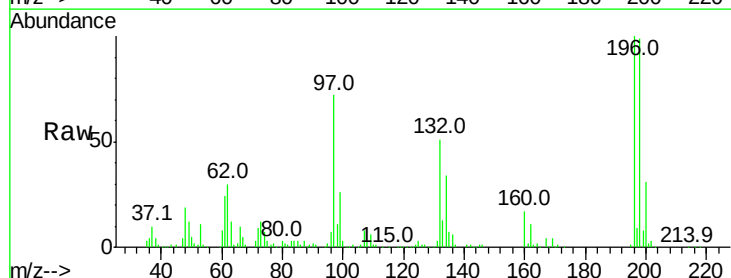
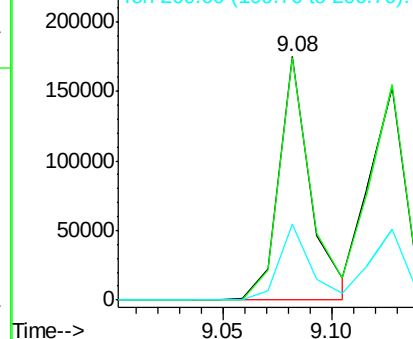
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

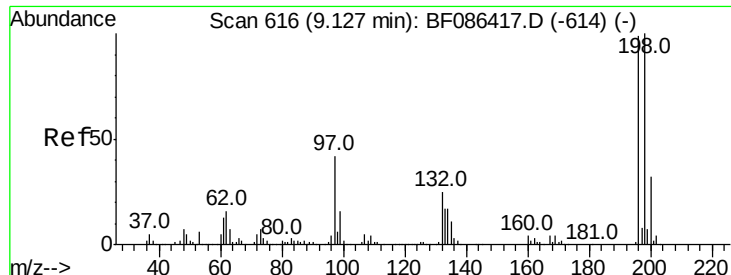


#42
 2,4,6-Trichlorophenol
 Concen: 40.49 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.5	74.7	112.1	
200	31.1	23.8	35.6	

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





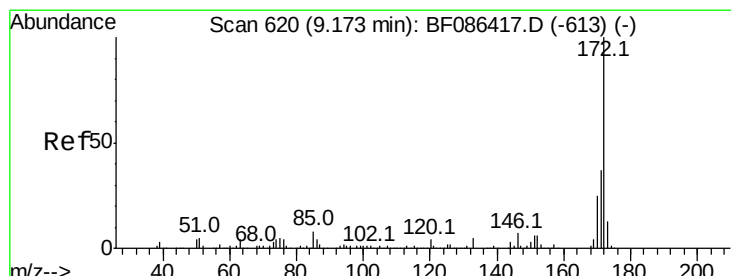
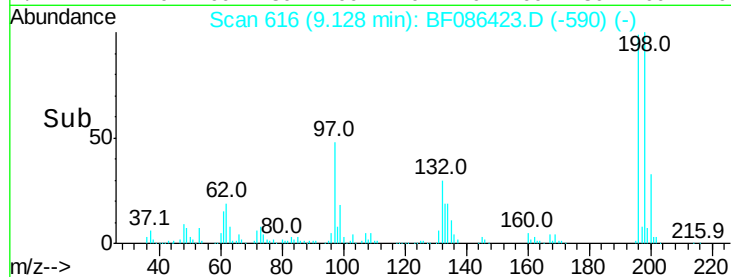
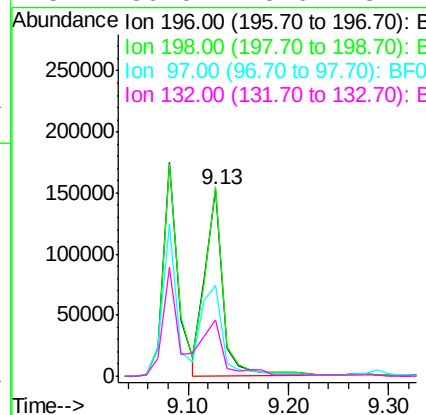
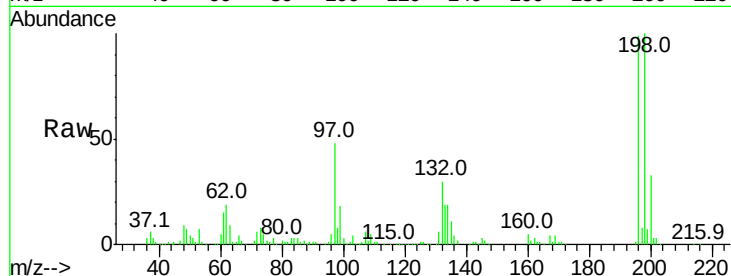
#43
 2,4,5-Trichlorophenol
 Concen: 39.58 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	196	Resp	190230
Ion Ratio	Lower	Upper	
196	100		
198	101.5	77.5	116.3
97	48.8	34.8	52.2
132	30.0	23.0	34.4

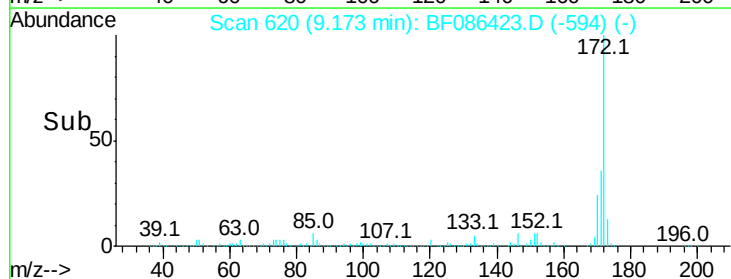
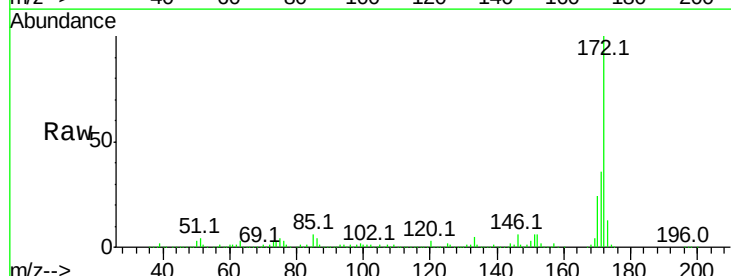
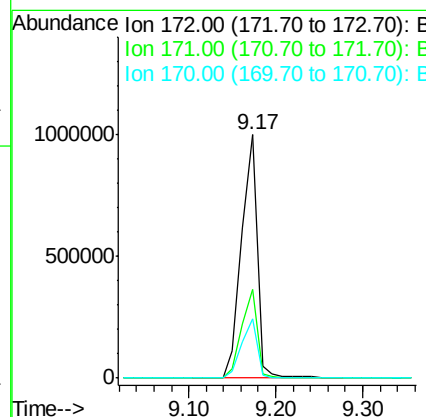
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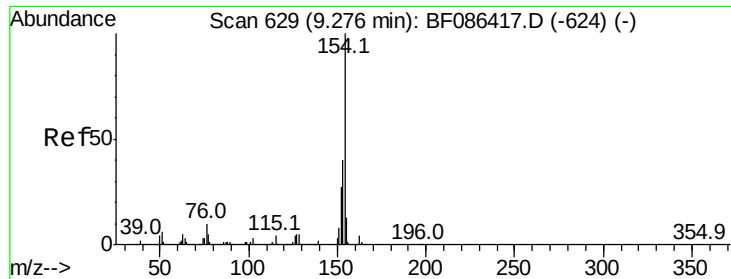
sohil
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#44
 2-Fluorobiphenyl
 Concen: 91.35 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion	172	Resp	1252056
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.0	43.6
170	24.5	19.8	29.8





#45

1,1'-Biphenyl

Concen: 36.70 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

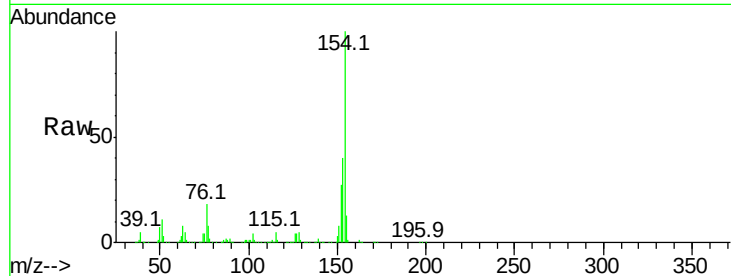
ClientSampleId :

PB89850BSD

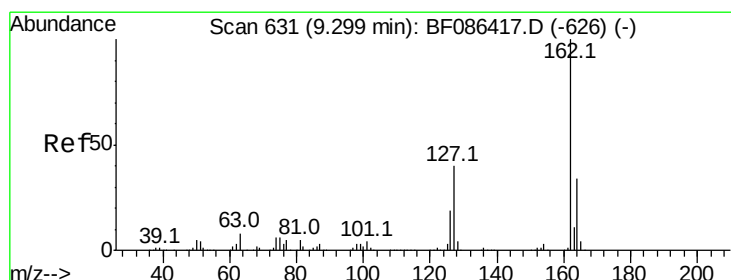
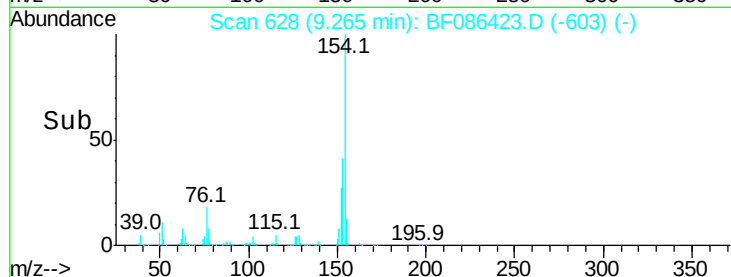
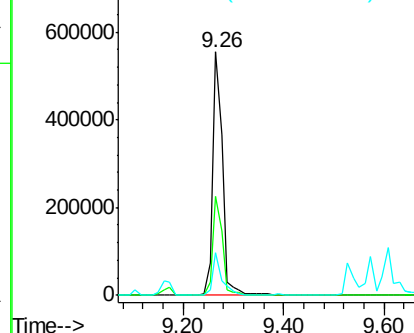
Tot Ion:	154	Resp:	747547
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.3	60.3
76	17.5	0.0	30.2

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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): BF0



#46

2-Chloronaphthalene

Concen: 37.18 ng

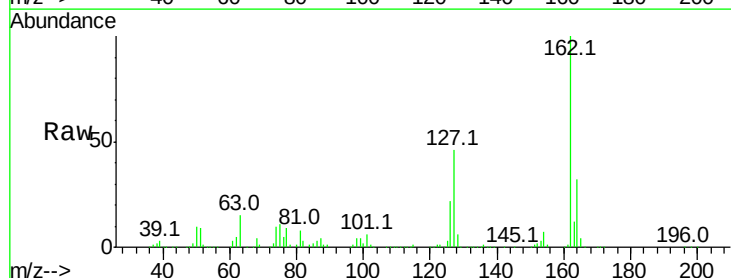
RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

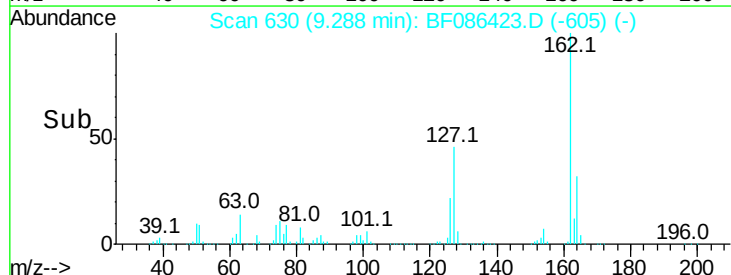
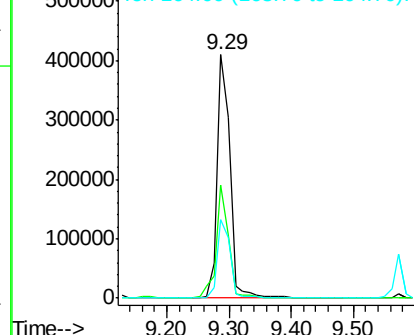
Lab File: BF086423.D

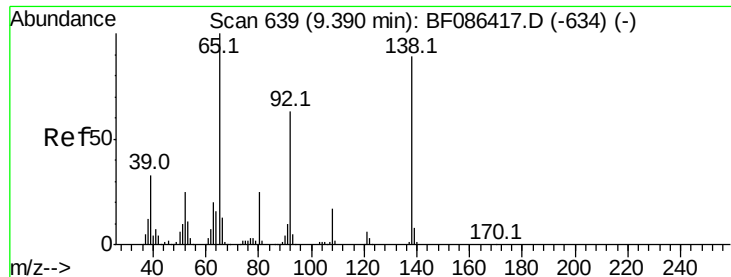
Acq: 27 Apr 2016 14:45

Tgt Ion:	162	Resp:	575856
Ion Ratio	Lower	Upper	
162	100		
127	46.3	31.8	47.6
164	32.2	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: 43.88 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

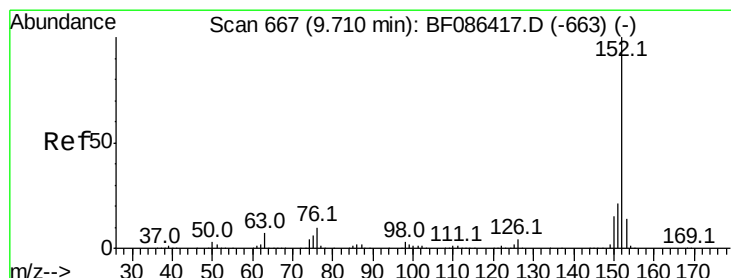
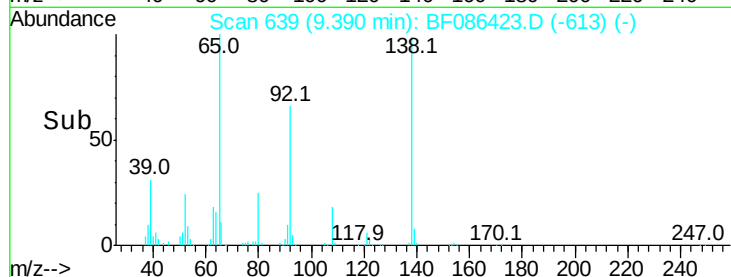
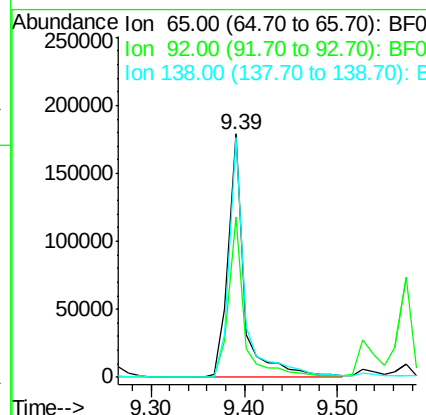
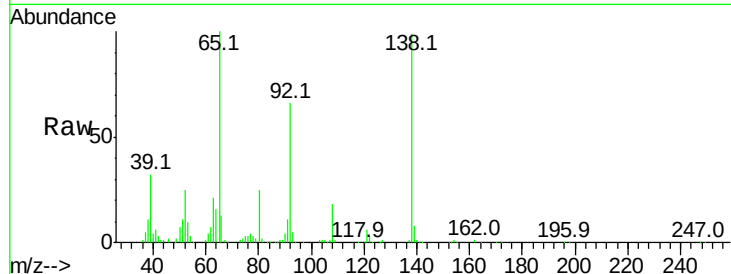
ClientSampleId :

PB89850BSD

Tot Ion:	65	Resp:	217931
Ion Ratio	Lower	Upper	
65	100		
92	65.8	57.4	86.2
138	98.6	90.1	135.1

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#48

Acenaphthylene

Concen: 38.34 ng

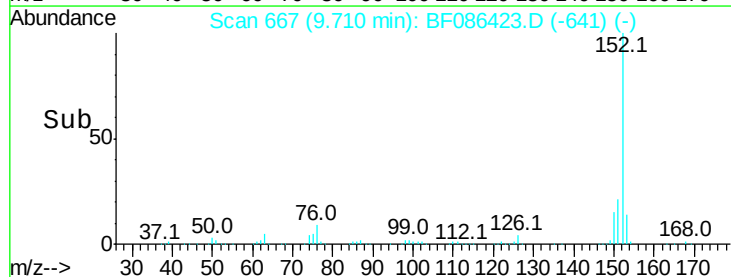
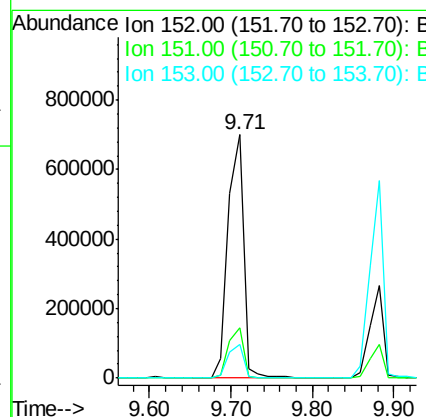
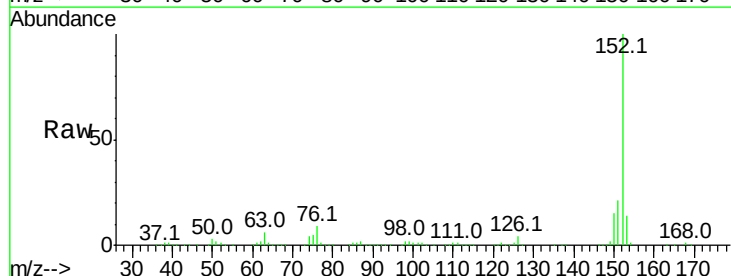
RT: 9.71 min Scan# 667

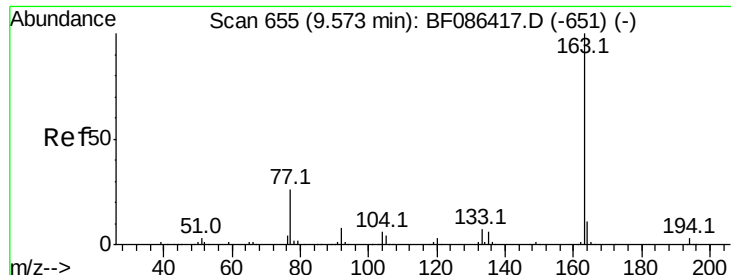
Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion:	152	Resp:	928151
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	13.6	10.9	16.3





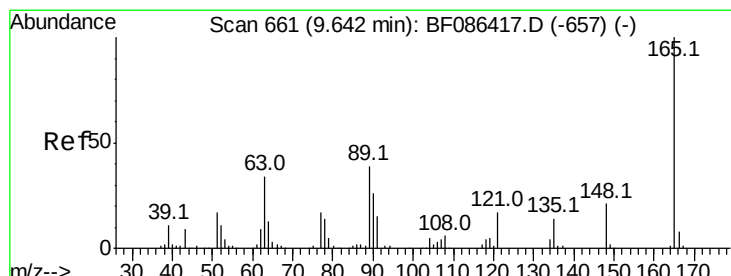
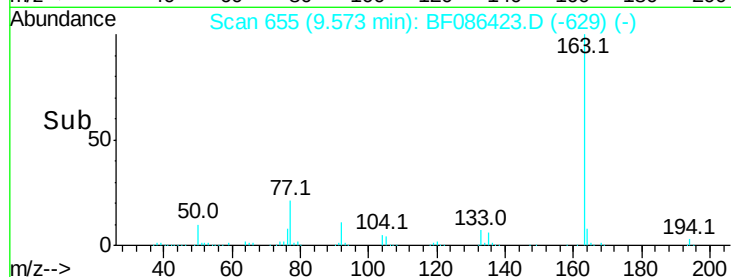
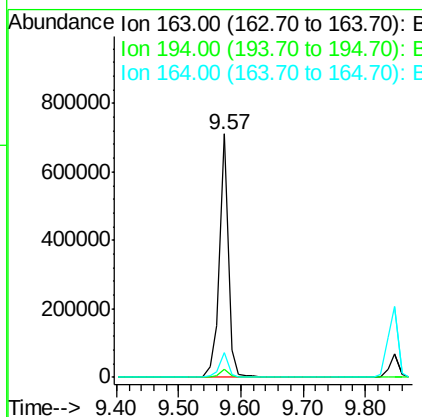
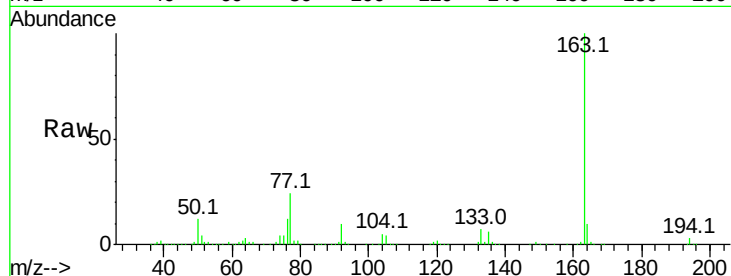
#49
Dimethylphthalate
Concen: 37.67 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	691137		
194	3.2	2.6	4.0	
164	10.3	8.2	12.4	

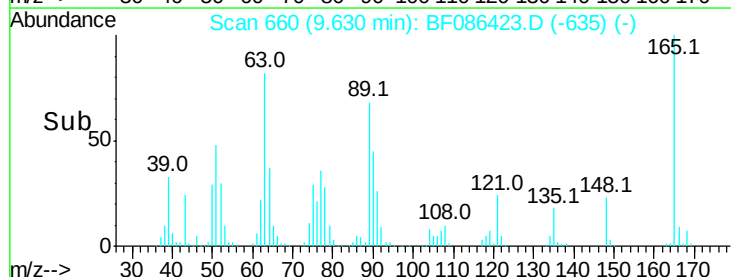
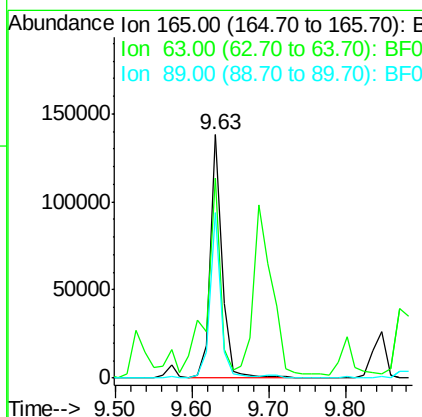
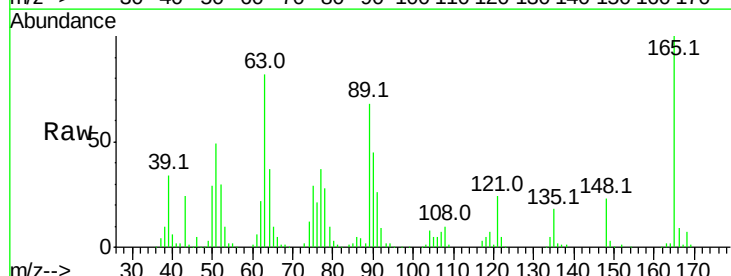
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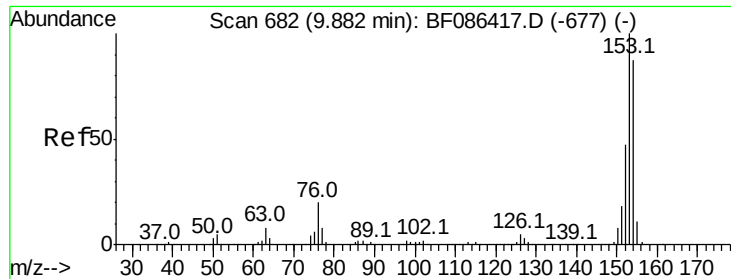
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#50
2,6-Dinitrotoluene
Concen: 38.84 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	147201		
63	82.4	51.8	77.8#	
89	68.2	50.7	76.1	





#51

Acenaphthene

Concen: 44.02 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

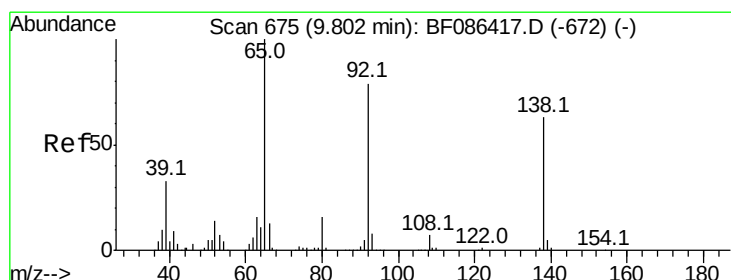
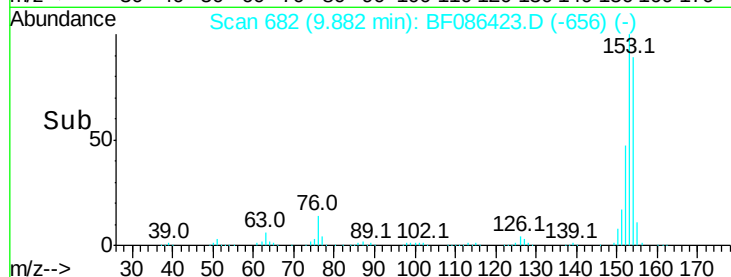
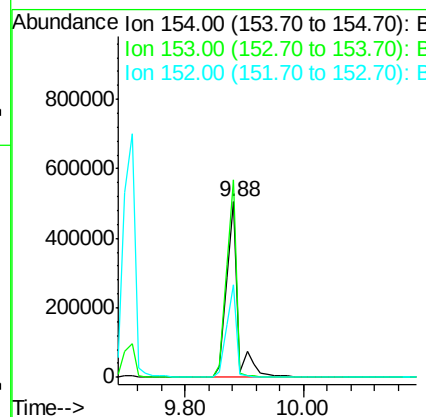
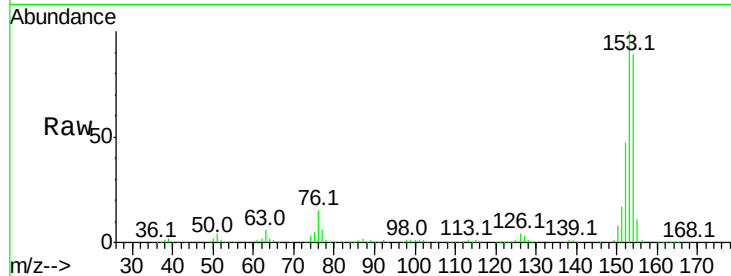
ClientSampleId :

PB89850BSD

Tot Ion:	154	Resp:	684490
Ion Ratio	Lower	Upper	
154	100		
153	112.6	89.8	134.6
152	52.7	43.4	65.0

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#52

3-Nitroaniline

Concen: 33.21 ng

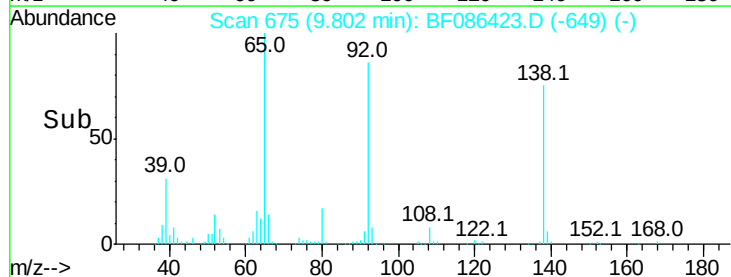
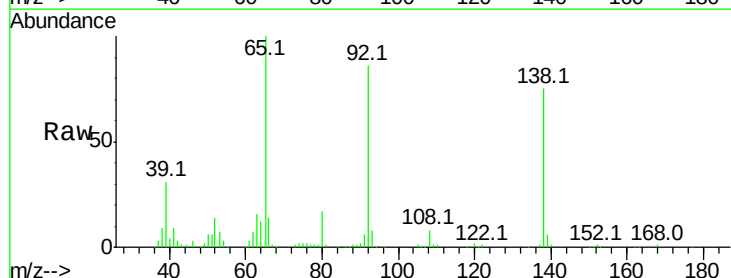
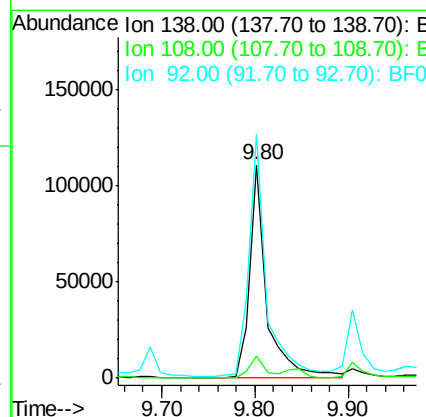
RT: 9.80 min Scan# 675

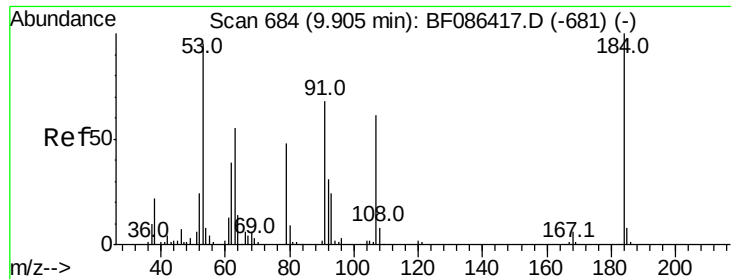
Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion:	138	Resp:	143175
Ion Ratio	Lower	Upper	
138	100		
108	10.3	7.8	11.6
92	114.3	87.8	131.8





#53

2,4-Dinitrophenol

Concen: 70.88 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

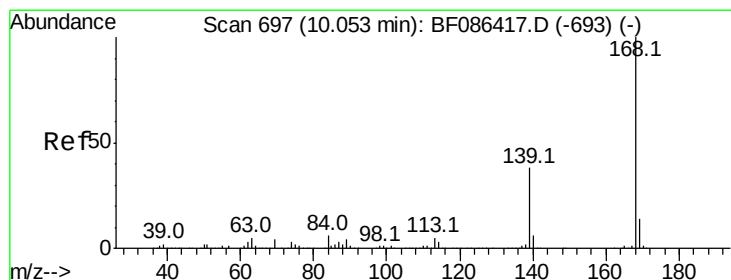
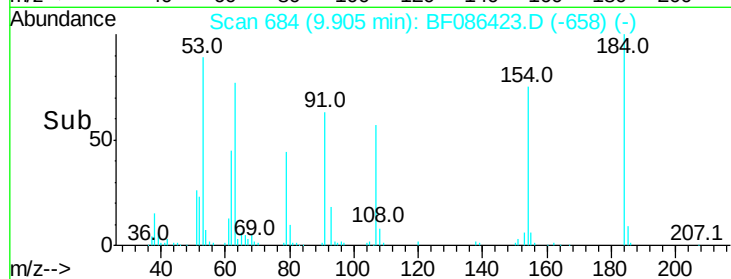
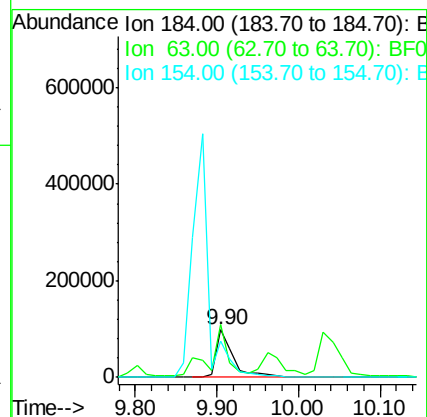
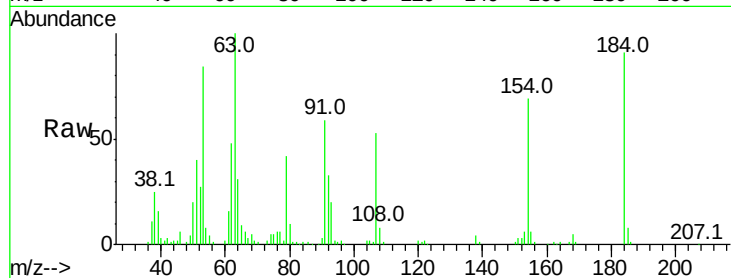
ClientSampleId :

PB89850BSD

Tot Ion:	184	Resp:	144843
Ion Ratio	Lower	Upper	
184	100		
63	110.3	55.8	83.8#
154	75.6	62.4	93.6

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#54

Dibenzofuran

Concen: 43.67 ng

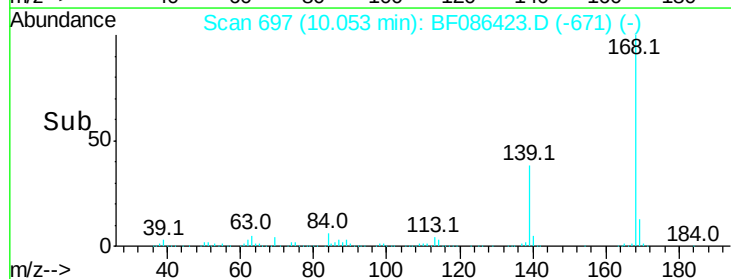
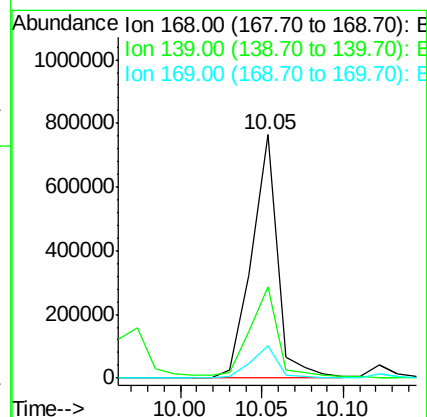
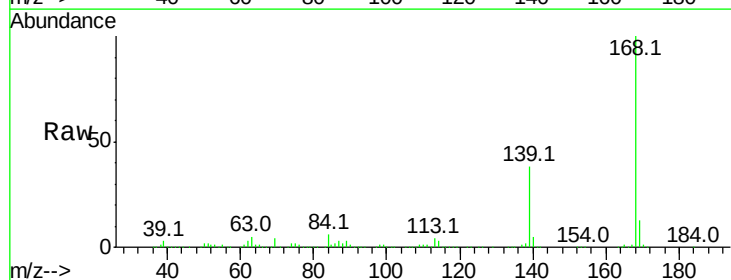
RT: 10.05 min Scan# 697

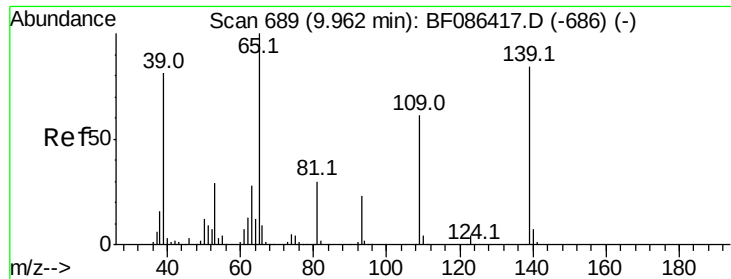
Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion:	168	Resp:	848694
Ion Ratio	Lower	Upper	
168	100		
139	37.6	31.4	47.0
169	13.2	10.7	16.1





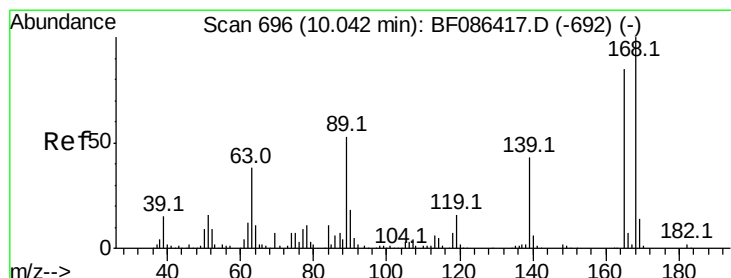
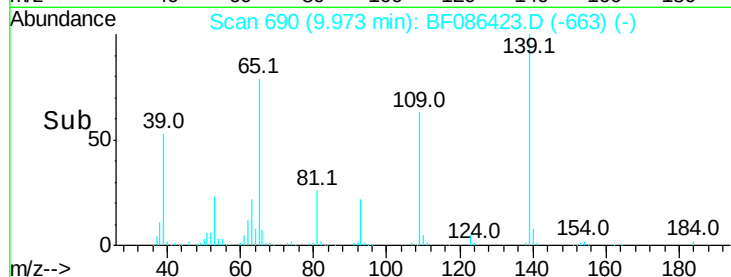
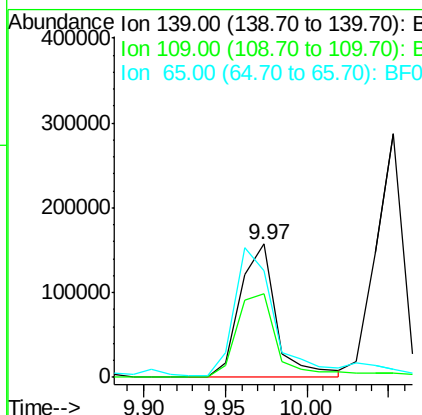
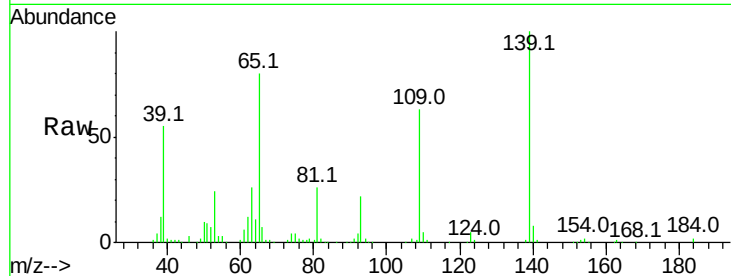
#55
4-Nitrophenol
Concen: 86.51 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	244170		
109	62.5	36.9	76.9	
65	79.7	64.0	104.0	

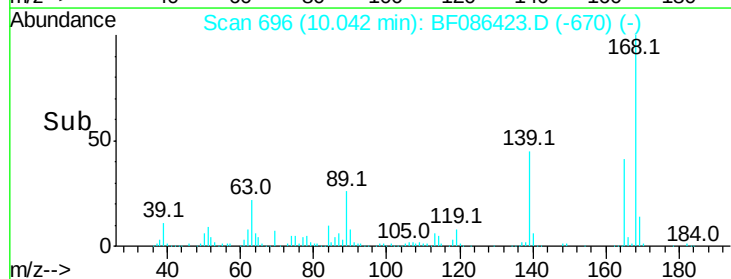
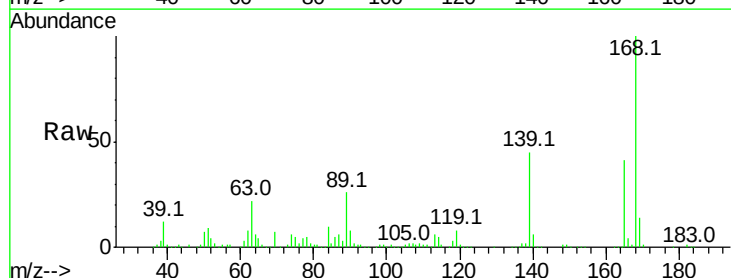
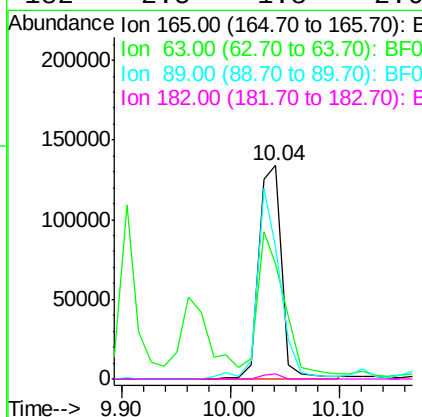
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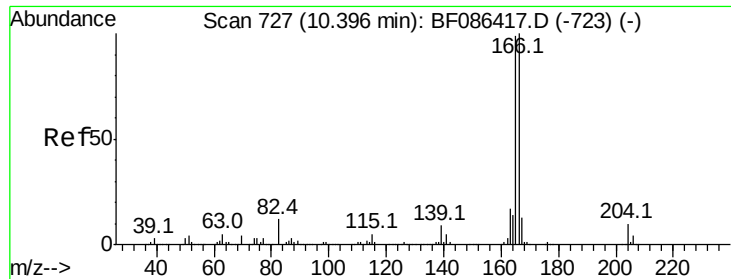
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#56
2,4-Dinitrotoluene
Concen: 40.89 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	197576		
63	53.8	44.3	66.5	
89	61.8	70.0	105.0#	
182	2.5	1.8	2.6	





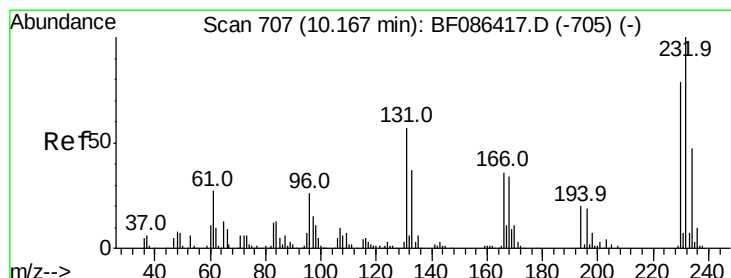
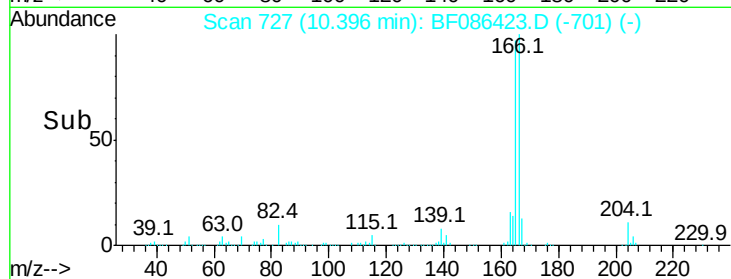
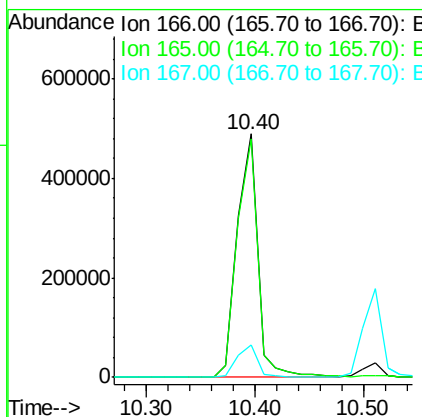
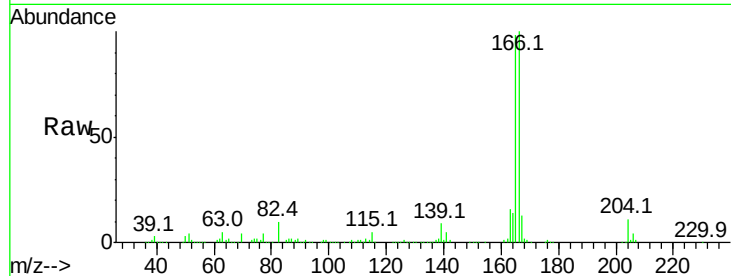
#57
Fluorene
Concen: 37.80 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	637782		
165	97.8	79.0	118.6	
167	13.2	10.6	15.8	

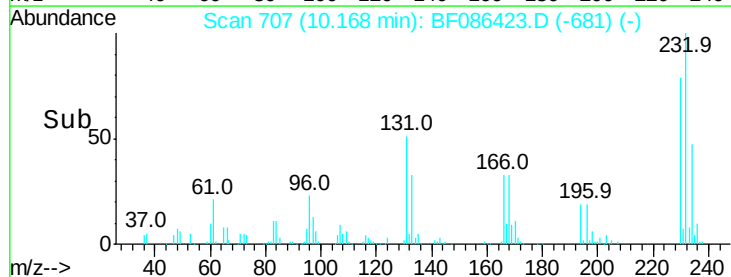
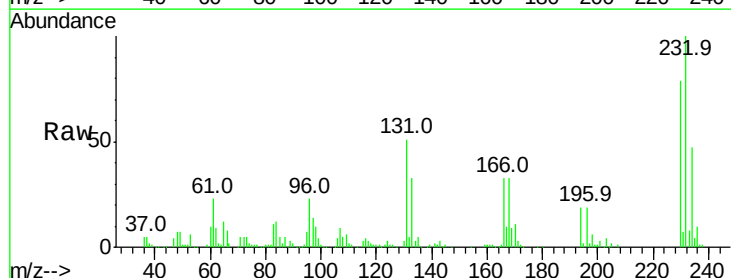
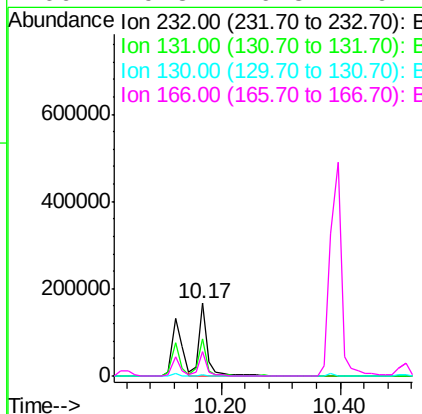
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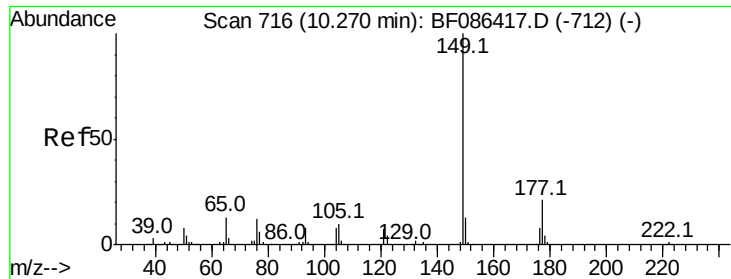
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#58
2,3,4,6-Tetrachlorophenol
Concen: 46.27 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	173854		
131	49.2	41.9	62.9	
130	2.3	2.2	3.4	
166	29.8	26.8	40.2	





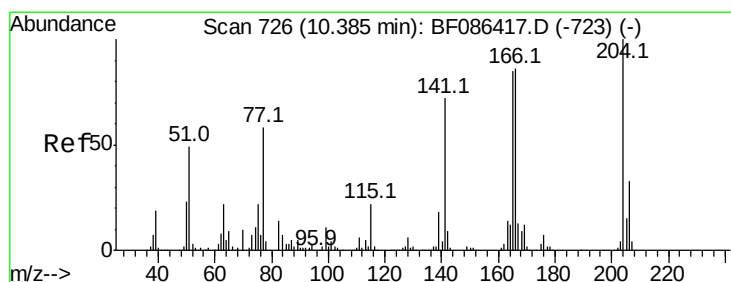
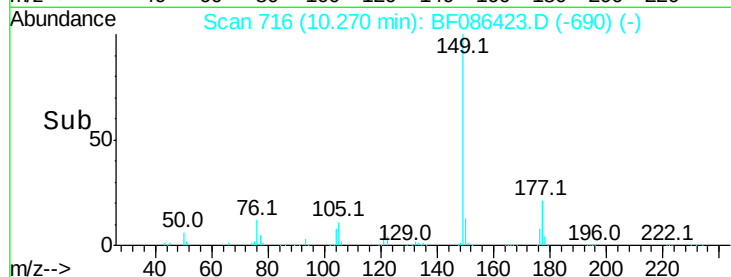
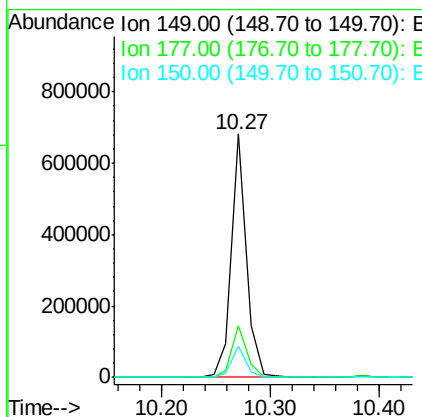
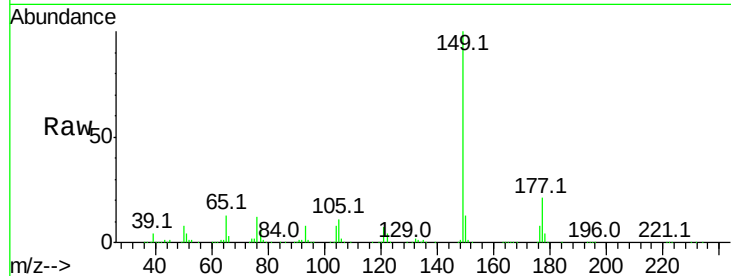
#59
Diethylphthalate
Concen: 37.54 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	651990		
177	21.2	16.6	24.8	
150	12.8	10.0	15.0	

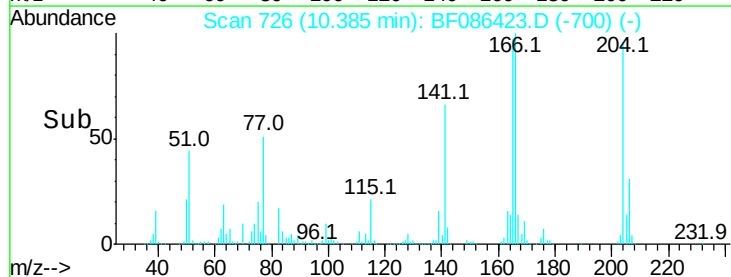
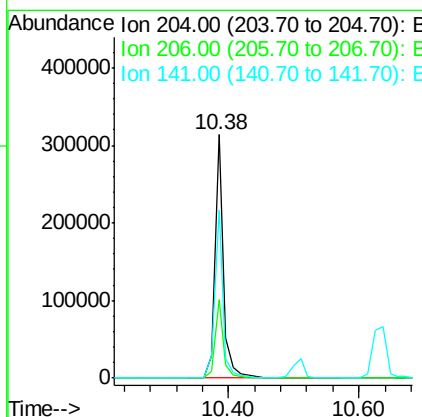
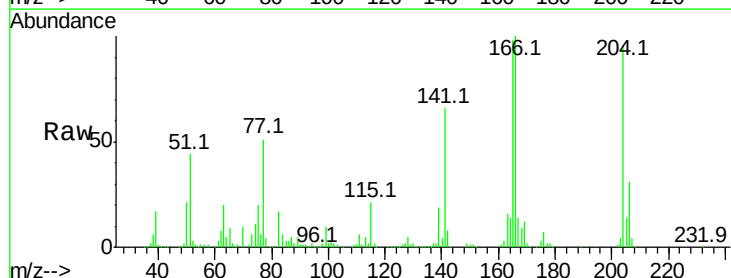
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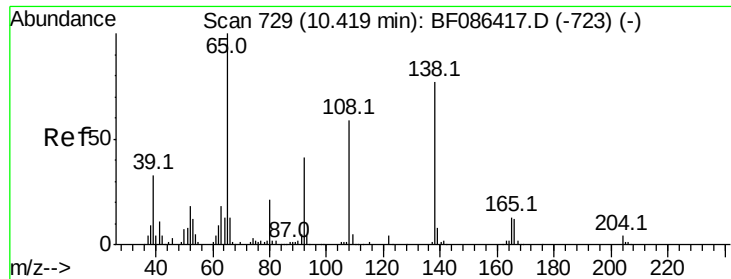
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#60
4-Chlorophenyl-phenylether
Concen: 38.02 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	291252		
206	32.3	25.4	38.0	
141	68.9	61.6	92.4	





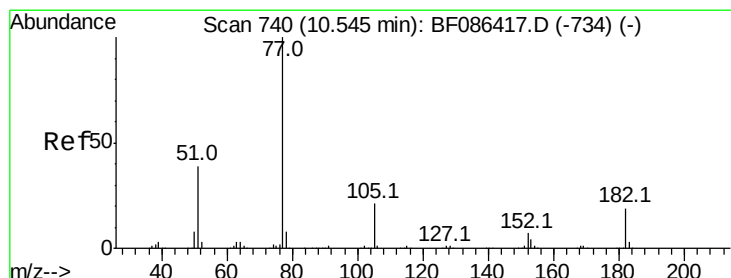
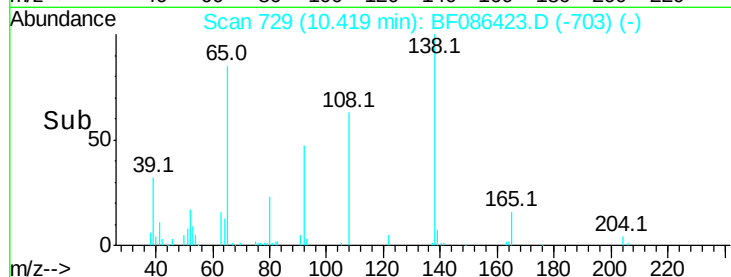
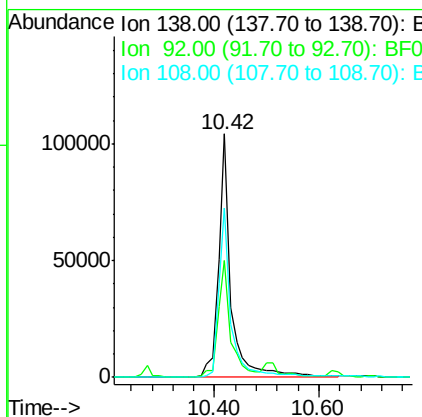
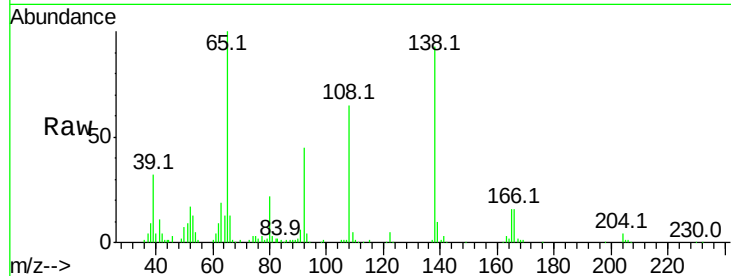
#61
4-Nitroaniline
Concen: 41.66 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampled :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	175542		
92	47.8	24.7	64.7	
108	69.7	37.4	77.4	

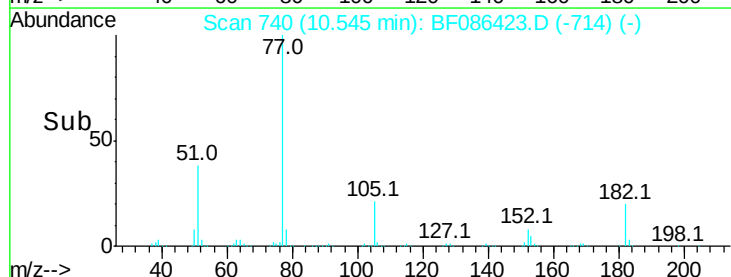
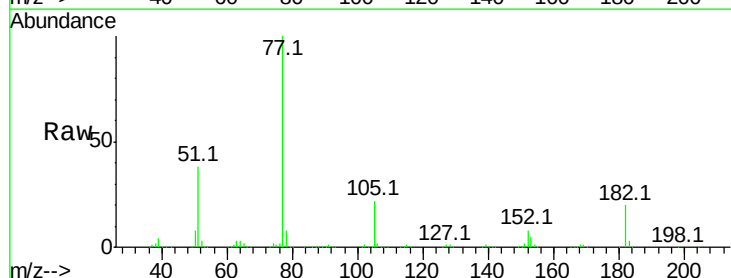
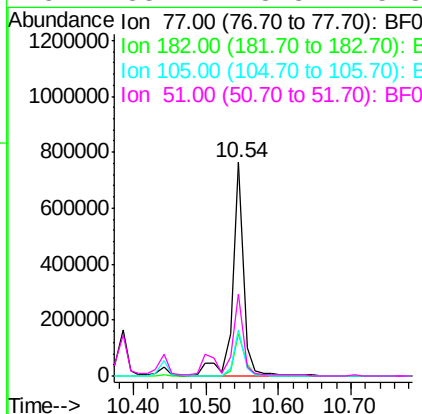
Manual Integrations
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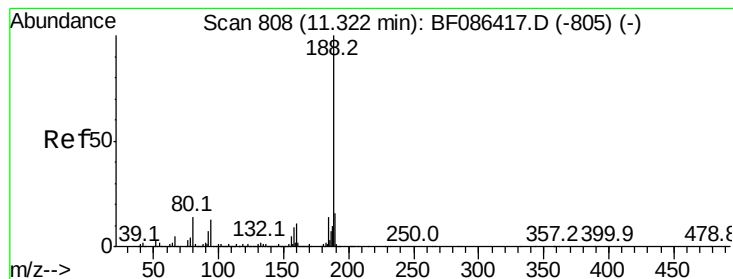
sohil
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#62
Azobenzene
Concen: 42.23 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	803441		
182	20.0	0.0	38.8	
105	21.5	3.2	43.2	
51	38.4	8.8	48.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

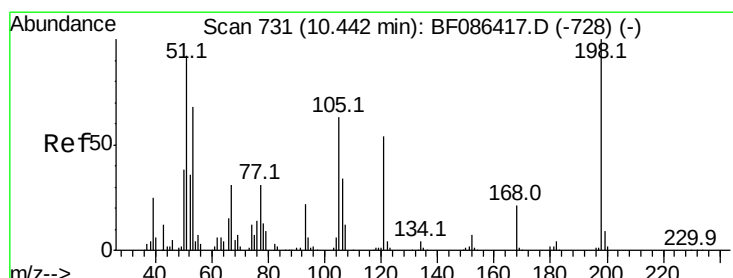
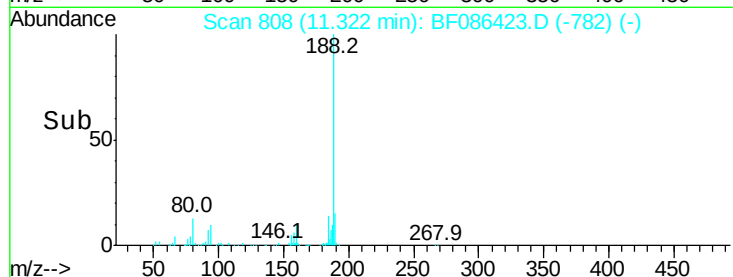
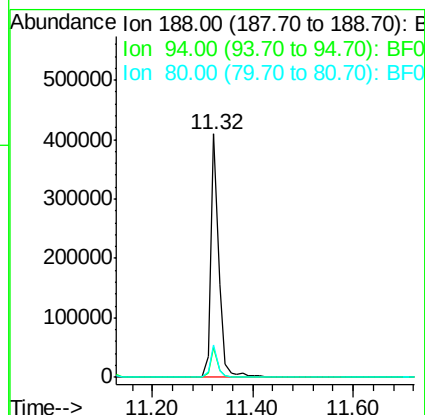
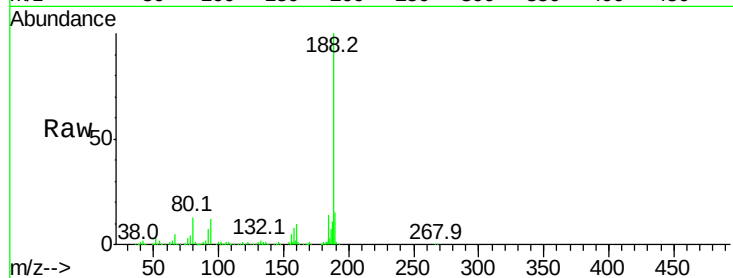
ClientSampled :

PB89850BSD

Tot Ion:	188	Resp:	453859
Ion Ratio	Lower	Upper	
188	100		
94	12.4	6.8	10.2#
80	13.3	7.1	10.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.70 ng

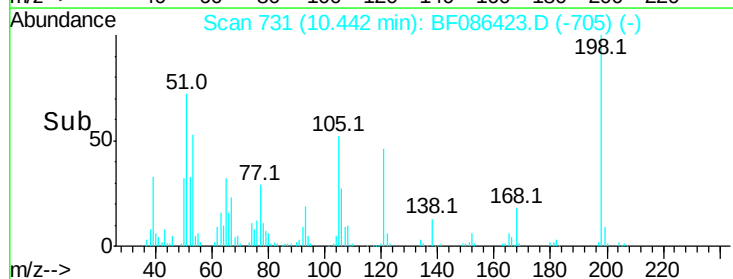
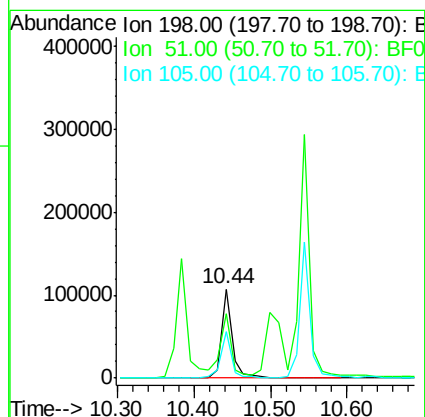
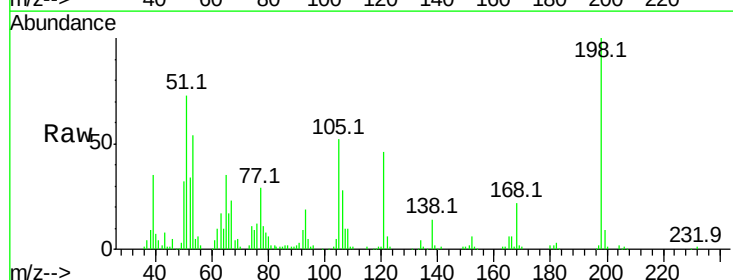
RT: 10.44 min Scan# 731

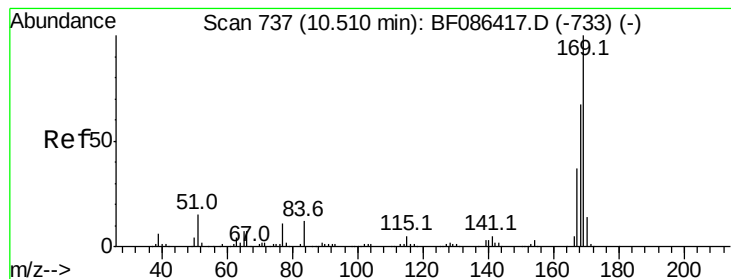
Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion:	198	Resp:	105772
Ion Ratio	Lower	Upper	
198	100		
51	72.8	20.5	60.5#
105	52.2	24.5	64.5





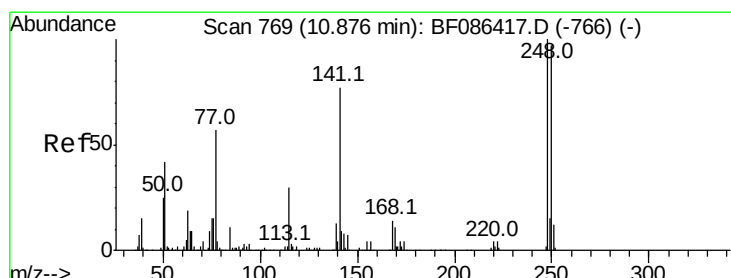
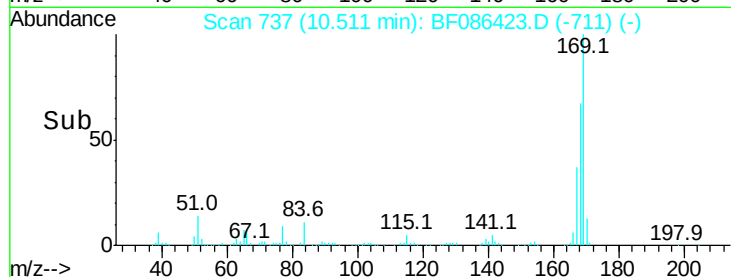
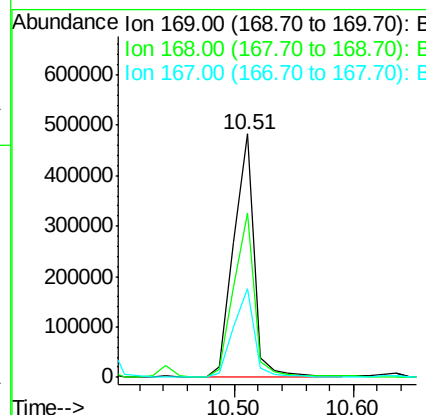
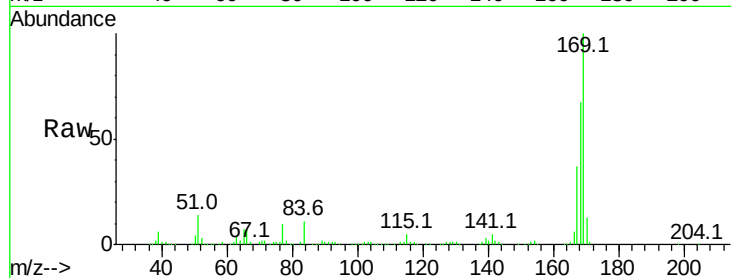
#65
n-Nitrosodiphenylamine
Concen: 40.79 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.4	53.8	80.6	
167	36.7	29.5	44.3	

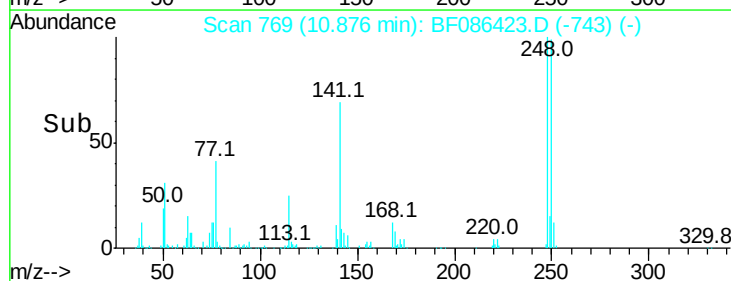
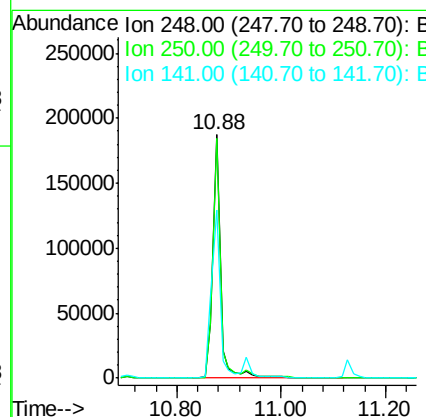
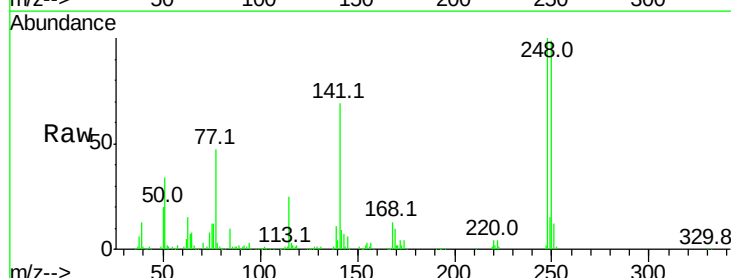
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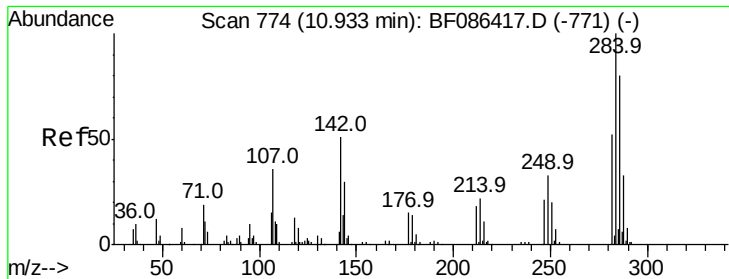
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#66
4-Bromophenyl-phenylether
Concen: 41.63 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.6	78.6	117.8	
141	68.8	76.0	114.0	





#67

Hexachlorobenzene

Concen: 36.66 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

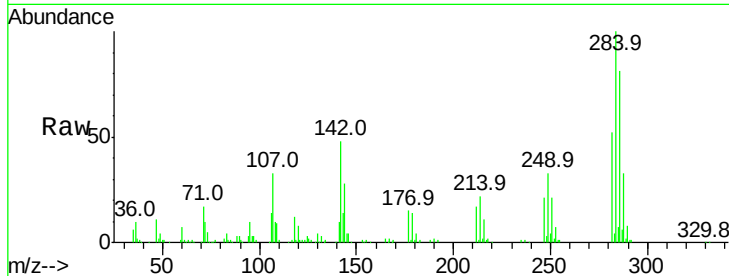
ClientSampleId :

PB89850BSD

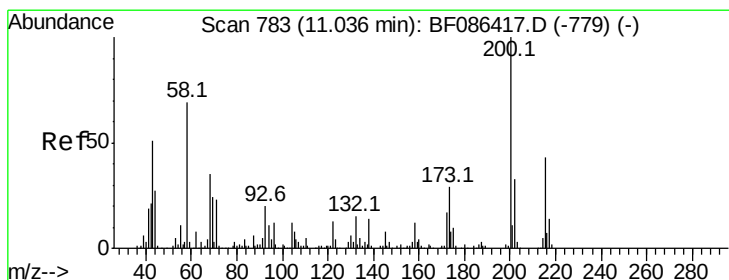
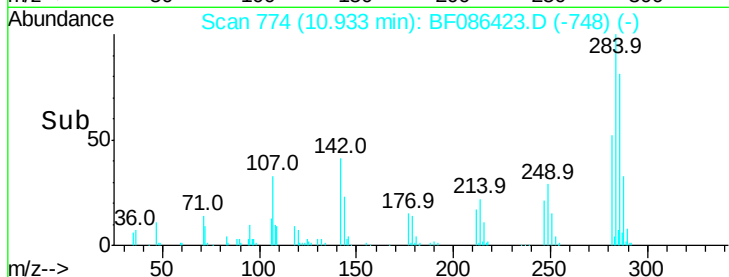
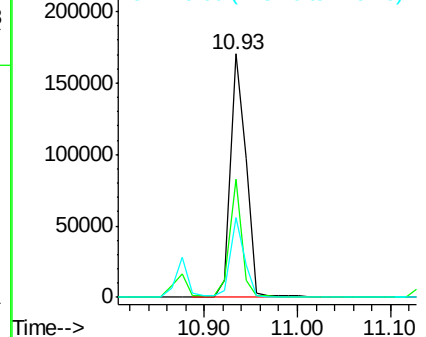
Tot Ion:	284	Resp:	198446
Ion Ratio	Lower	Upper	
284	100		
142	48.5	16.7	25.1#
249	32.5	21.3	31.9#

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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: 45.72 ng

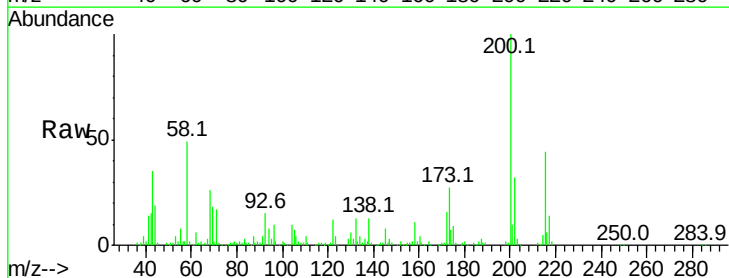
RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

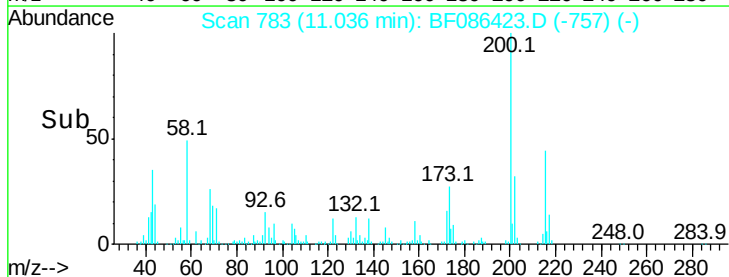
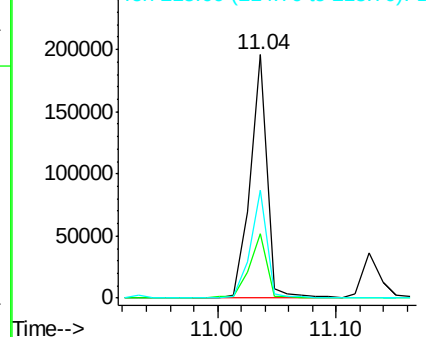
Lab File: BF086423.D

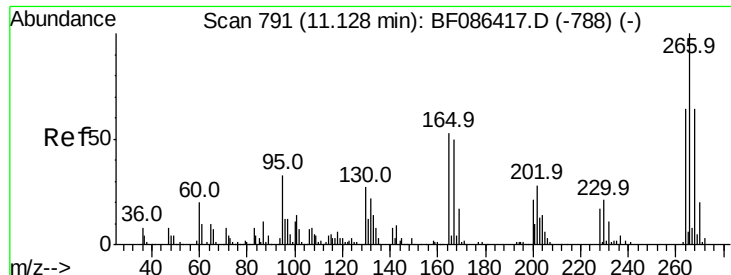
Acq: 27 Apr 2016 14:45

Tgt Ion:	200	Resp:	194725
Ion Ratio	Lower	Upper	
200	100		
173	26.5	8.5	48.5
215	44.1	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





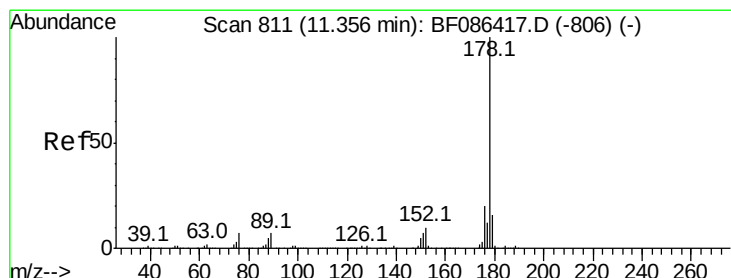
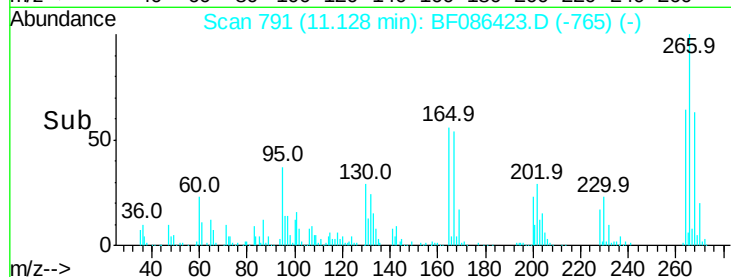
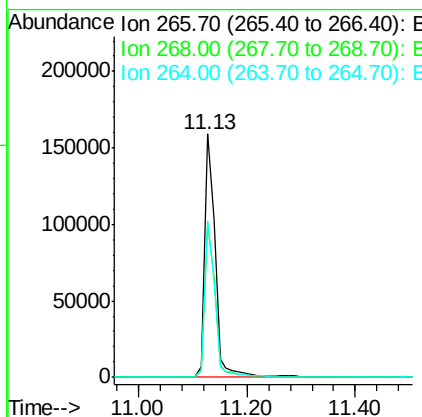
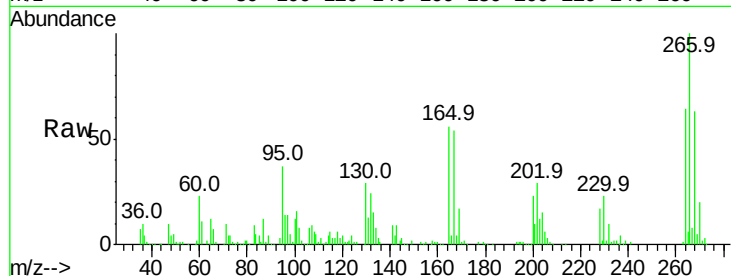
#69
 Pentachlorophenol
 Concen: 74.83 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	213582		
268	62.6	51.5	77.3	
264	64.5	52.9	79.3	

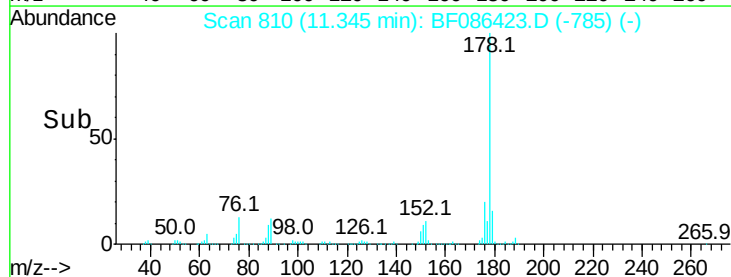
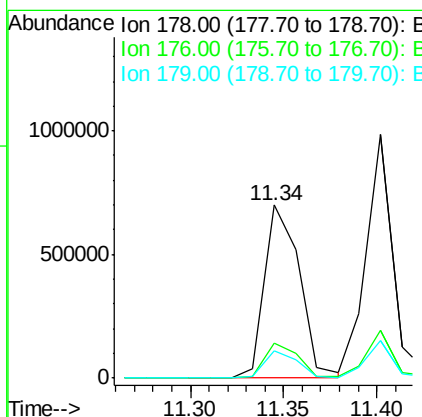
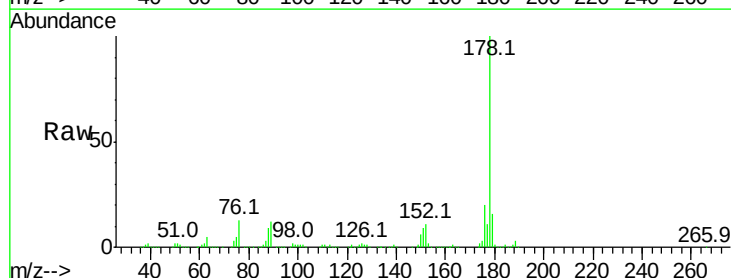
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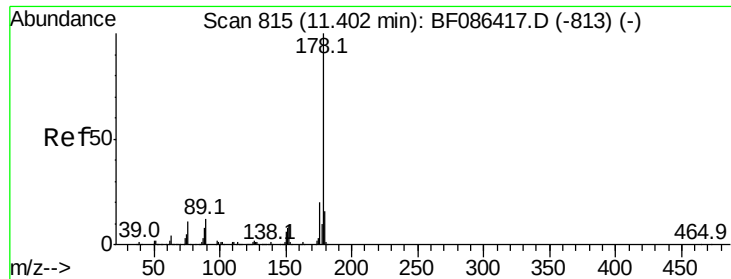
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#70
 Phenanthrene
 Concen: 37.92 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	903067		
176	20.1	16.0	24.0	
179	15.7	12.6	18.8	





#71

Anthracene

Concen: 41.00 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampled :

PB89850BSD

Tot Ion:178 Resp: 1042274

Ion Ratio Lower Upper

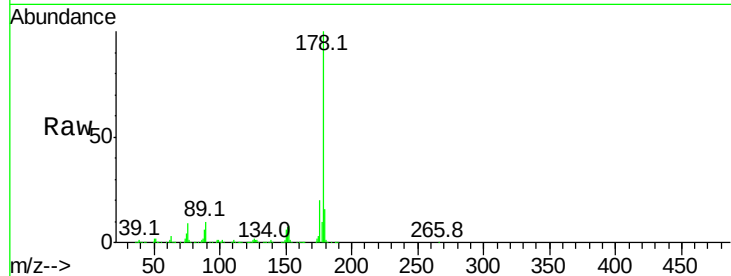
178 100

176 19.6 15.6 23.4

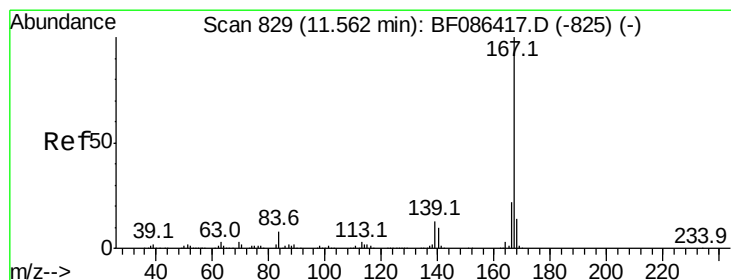
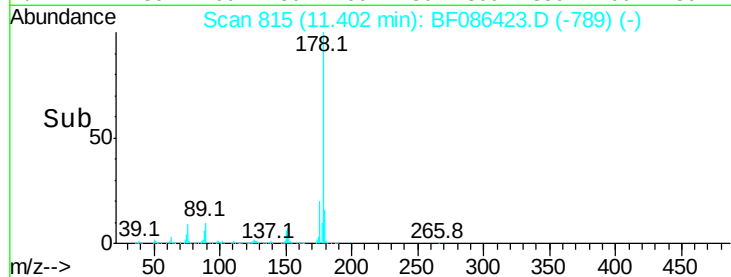
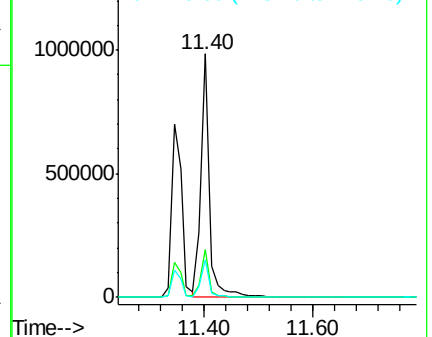
179 15.7 12.7 19.1

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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: 40.57 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

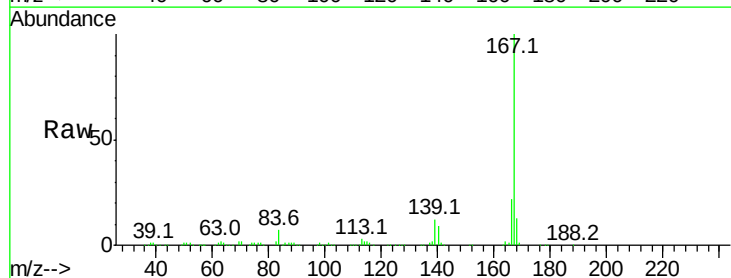
Tgt Ion:167 Resp: 913990

Ion Ratio Lower Upper

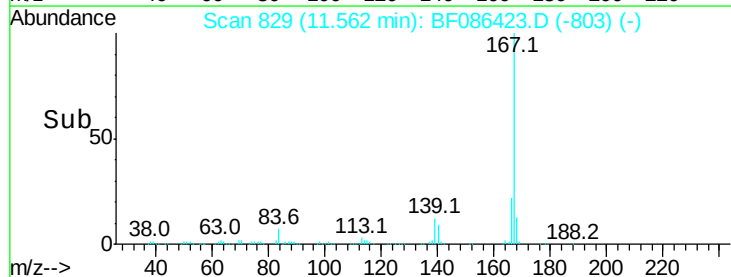
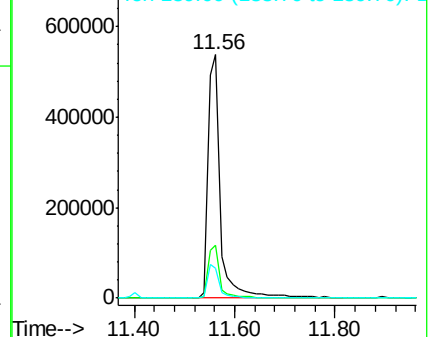
167 100

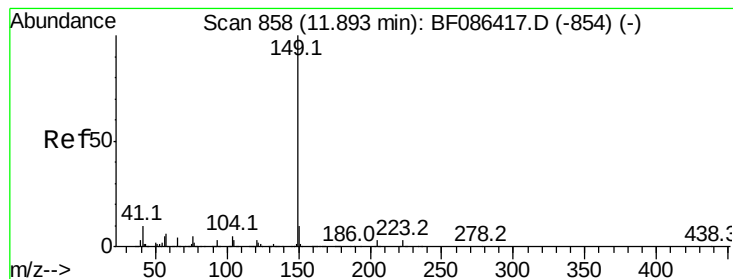
166 21.7 17.7 26.5

139 12.1 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: 43.07 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

Tot Ion:149 Resp: 1099158

Ion Ratio Lower Upper

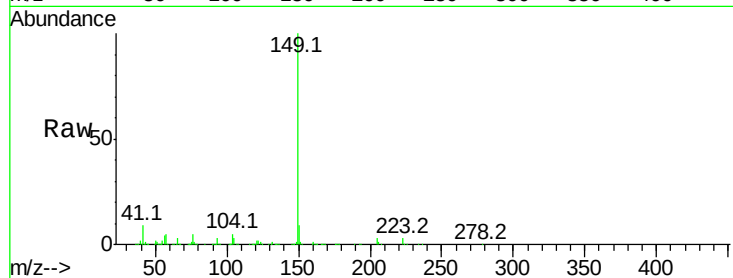
149 100

150 9.2 7.6 11.4

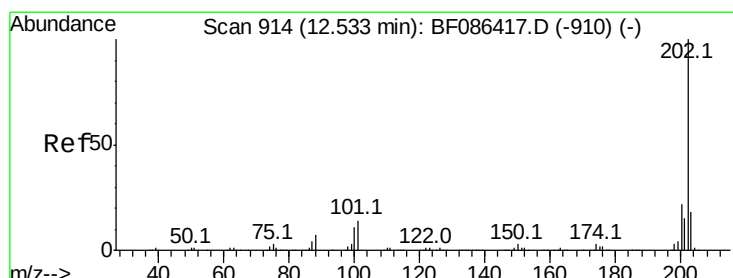
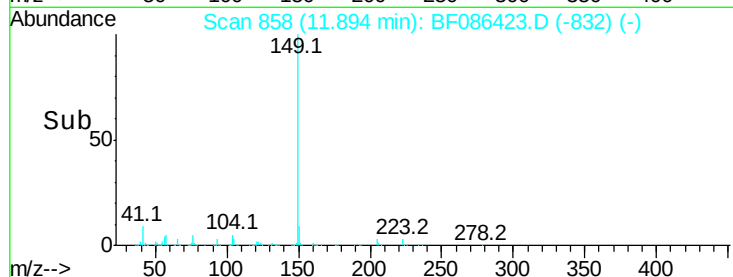
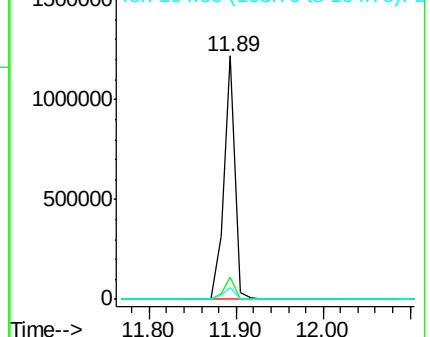
104 4.9 3.8 5.6

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



#74

Fluoranthene

Concen: 41.75 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

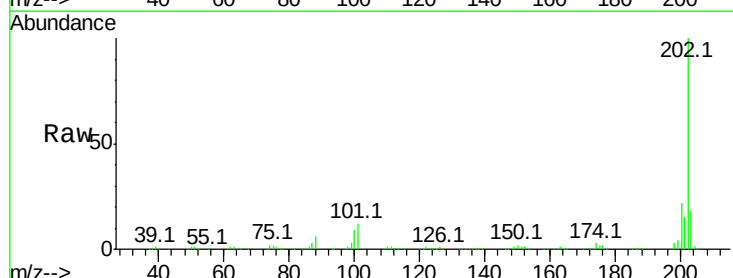
Tgt Ion:202 Resp: 1003751

Ion Ratio Lower Upper

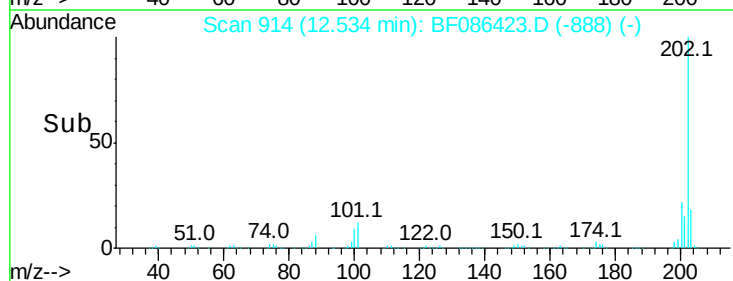
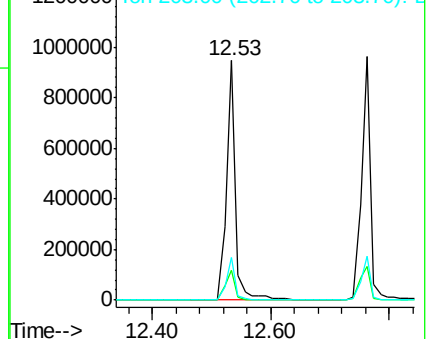
202 100

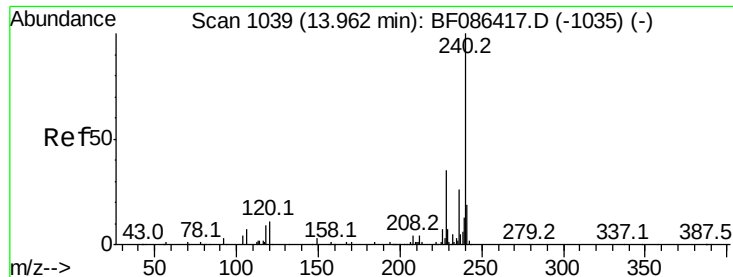
101 12.3 0.0 35.4

203 17.7 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

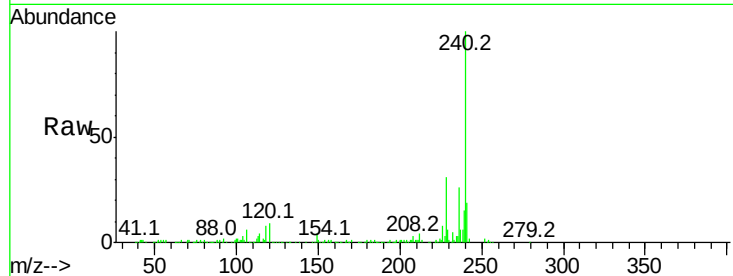
ClientSampleId :

PB89850BSD

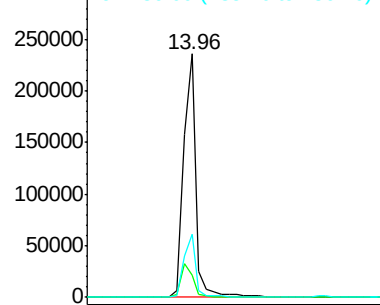
Tot Ion:	240	Resp:	312403
Ion Ratio	Lower	Upper	
240	100		
120	9.1	11.2	16.8#
236	26.2	21.2	31.8

Manual Integrations
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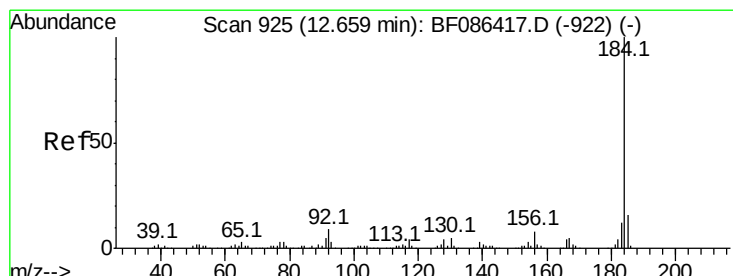
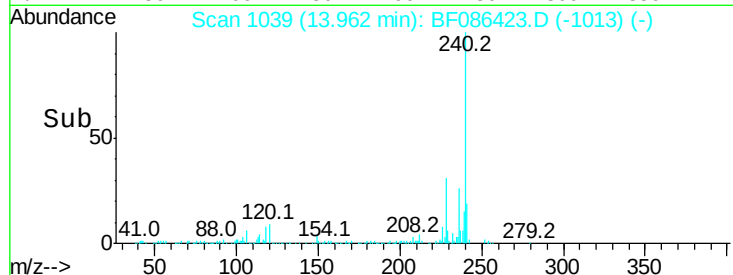
sohil
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 34.22 ng

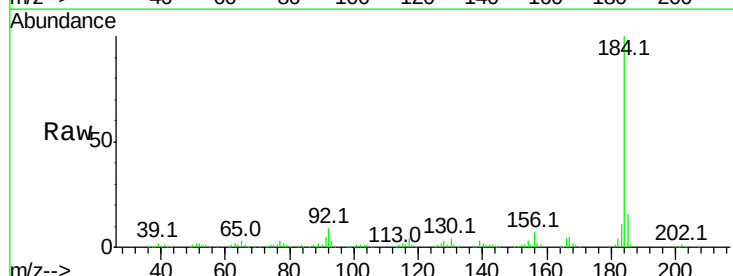
RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

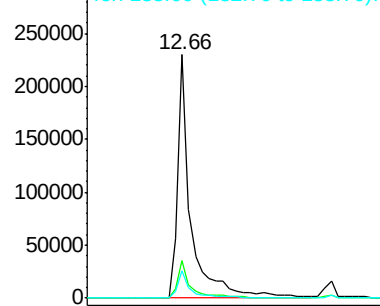
Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

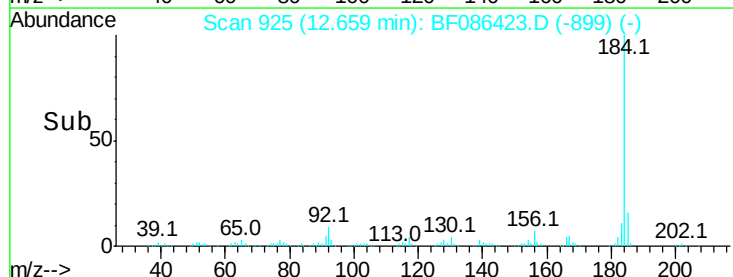
Tgt Ion:	184	Resp:	367420
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.6	20.4
183	11.1	9.8	14.6

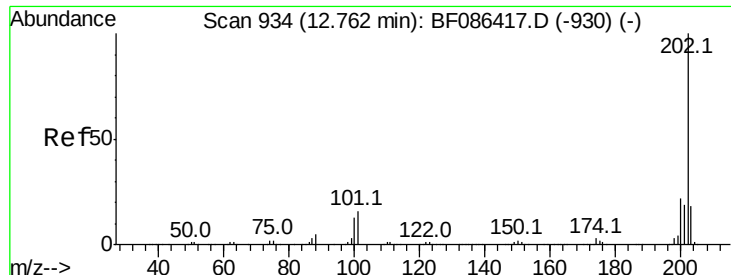


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->





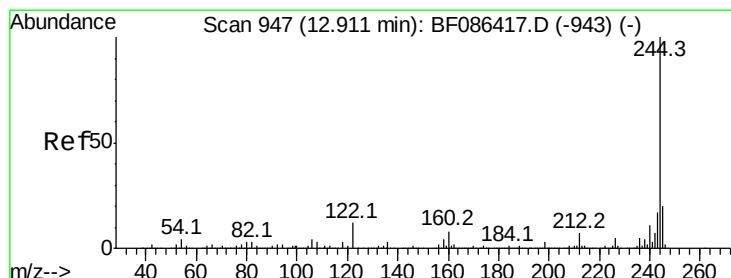
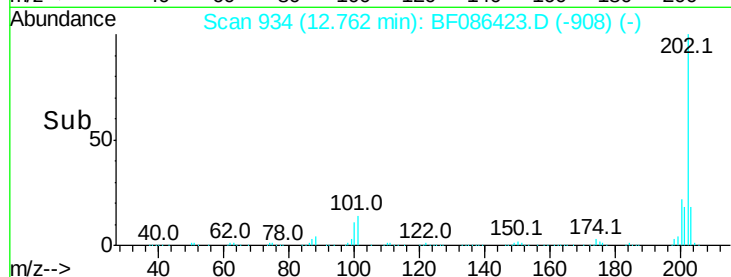
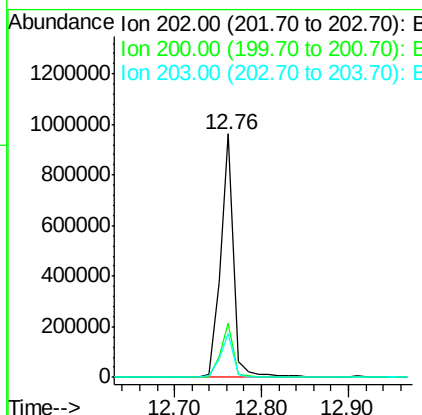
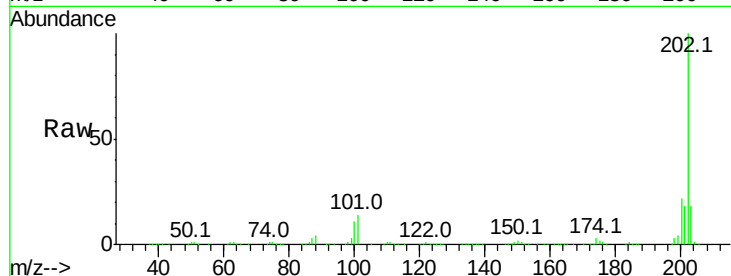
#77
Pvrene
Concen: 44.91 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	18.1	14.2	21.4

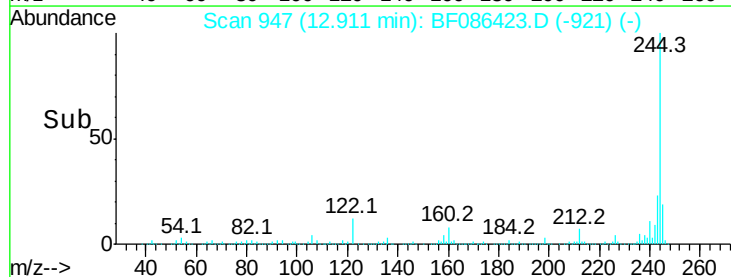
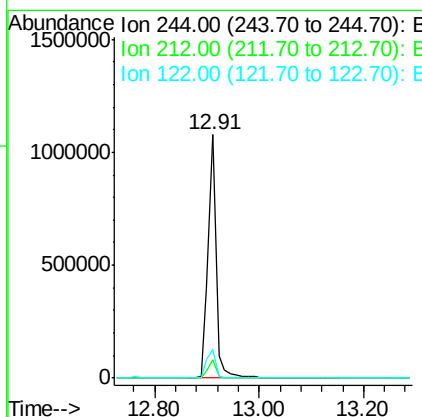
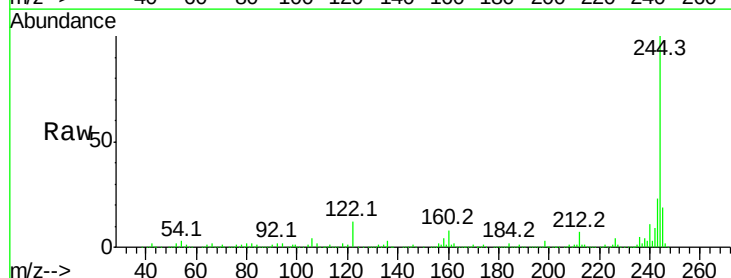
Manual Integrations
APPROVED

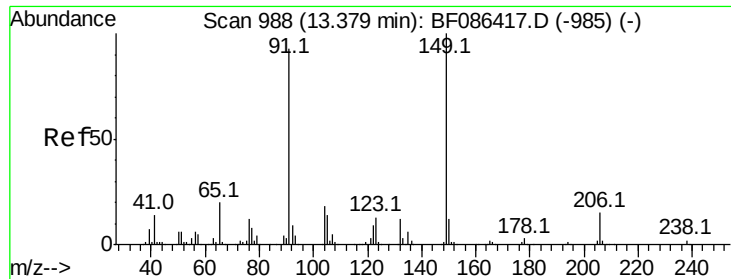
sohil
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#78
Terphenyl-d14
Concen: 82.58 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	11.6	12.0	18.0#





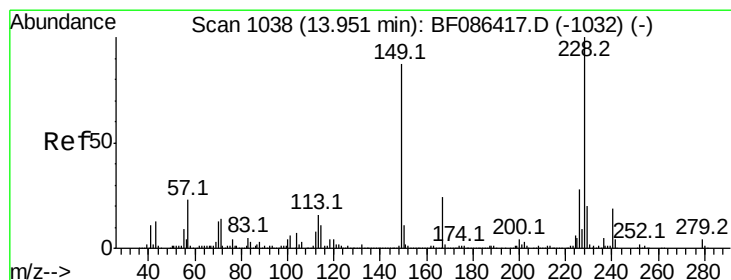
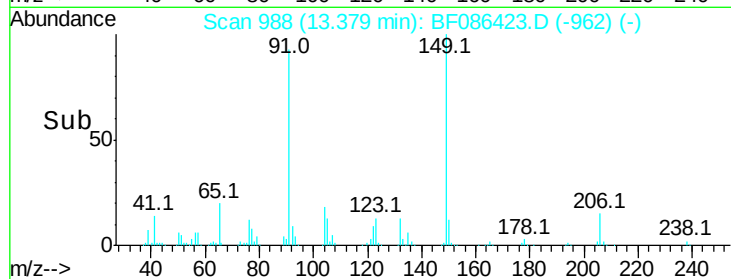
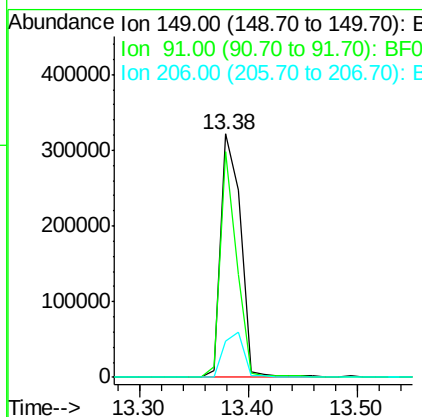
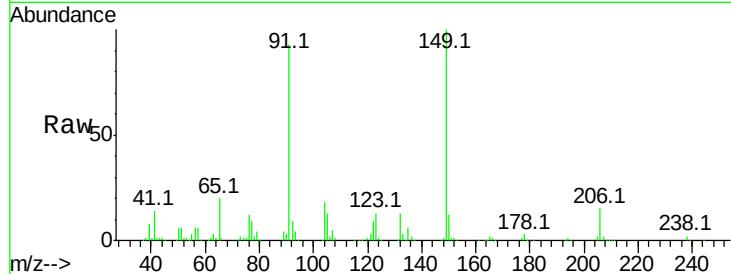
#79
Butylbenzylphthalate
Concen: 42.28 ng
RT: 13.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	412211		
91	92.8	48.0	72.0#	
206	15.0	15.8	23.6#	

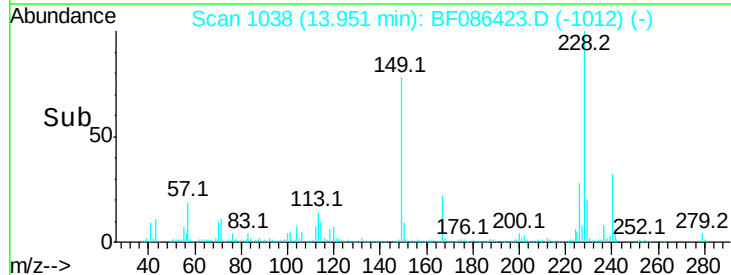
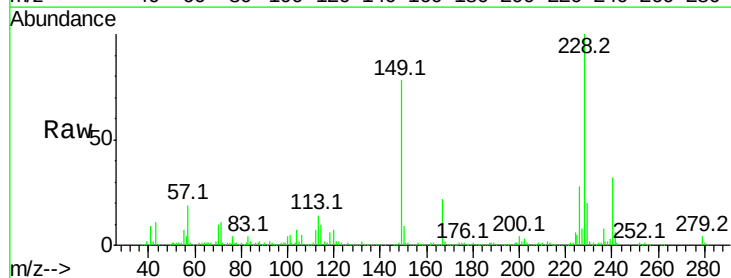
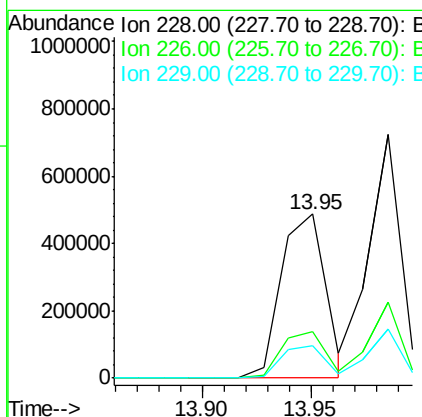
Manual Integrations
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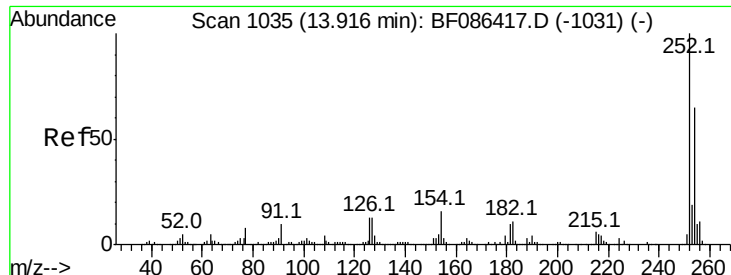
sohil
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#80
Benzo(a)anthracene
Concen: 41.77 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	695762		
226	27.9	22.5	33.7	
229	19.6	16.6	25.0	





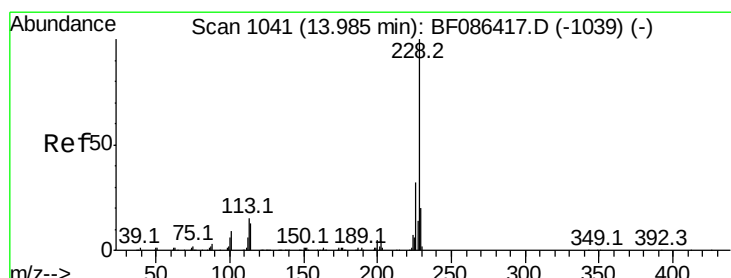
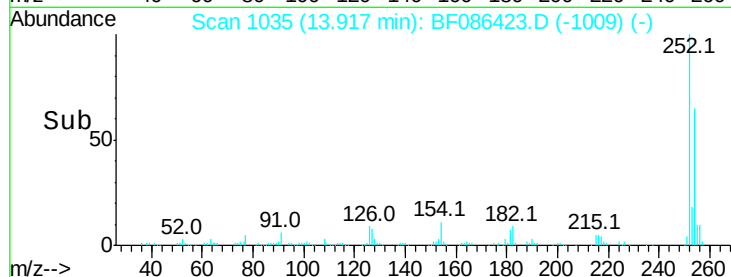
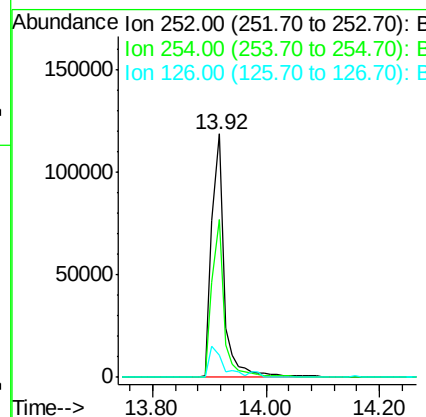
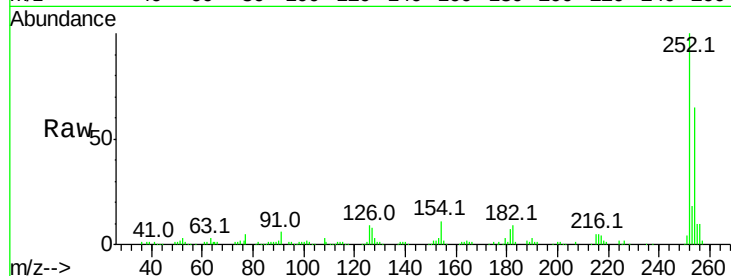
#81
 3,3'-Dichlorobenzidine
 Concen: 15.78 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	175710		
254	65.0		50.7	76.1
126	8.9		12.7	19.1

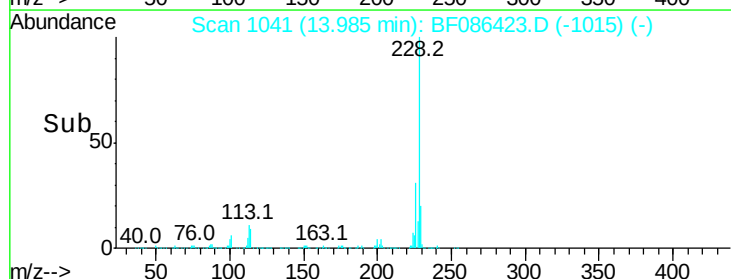
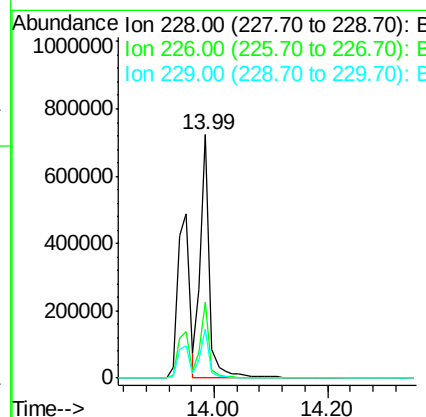
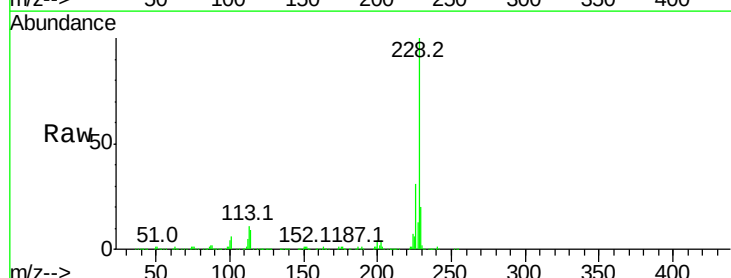
Manual Integrations
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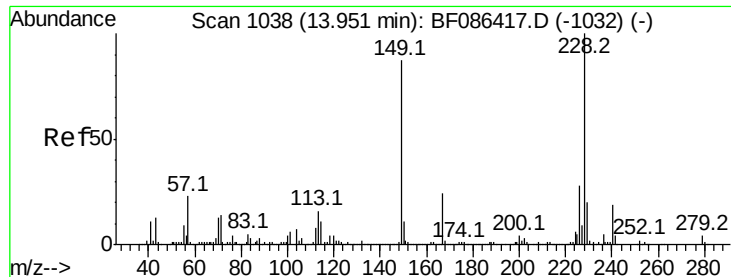
sohil
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#82
 Chrysene
 Concen: 44.84 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	811716		
226	31.0		24.4	36.6
229	20.1		15.8	23.8





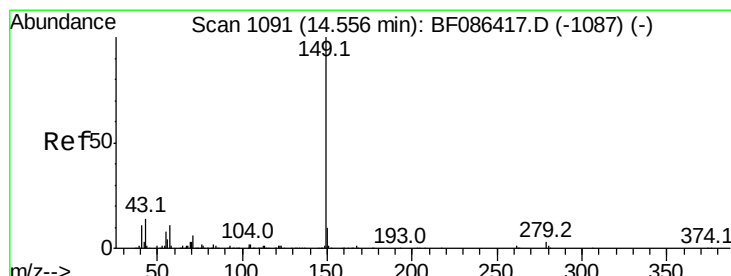
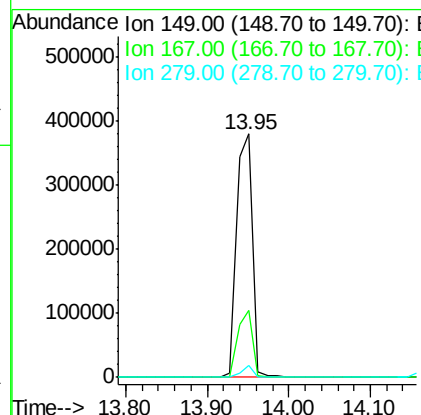
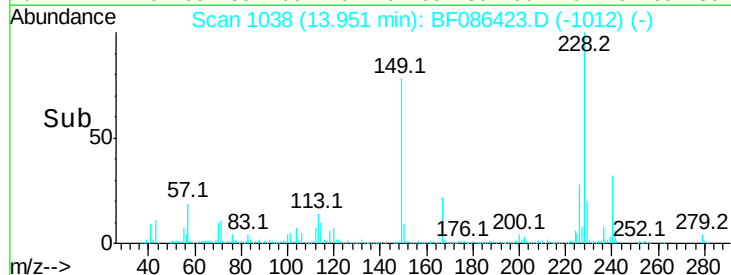
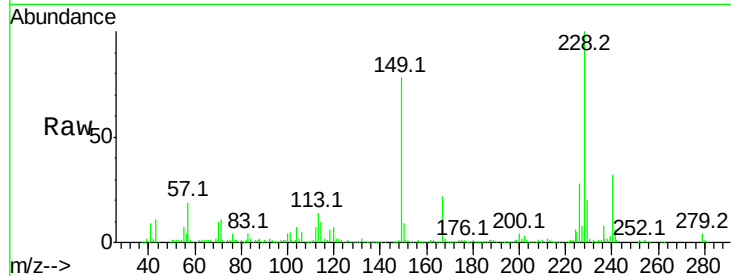
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.52 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion:	149	Resp:	514614
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.8	32.6
279	4.7	2.6	4.0#

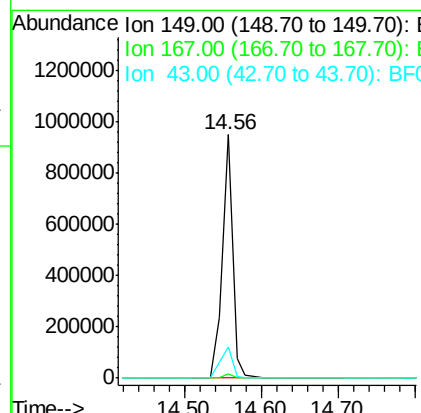
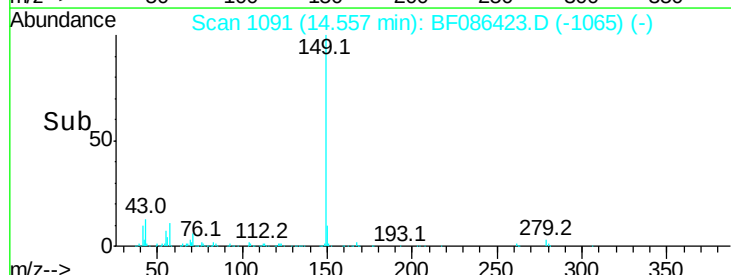
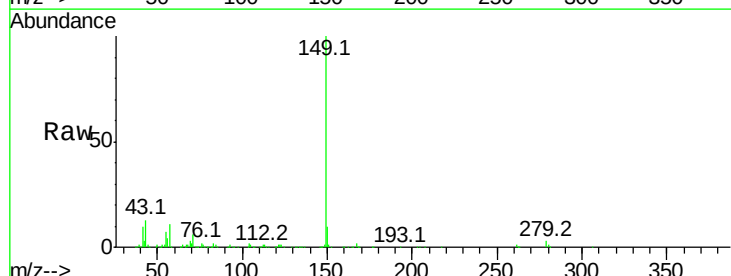
Manual Integrations
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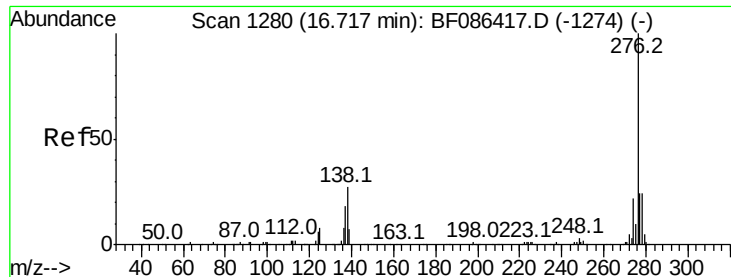
sohil
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#84
 Di-n-octyl phthalate
 Concen: 46.72 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Tgt Ion:	149	Resp:	885442
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	14.9	8.2	12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.72 ng

RT: 16.72 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

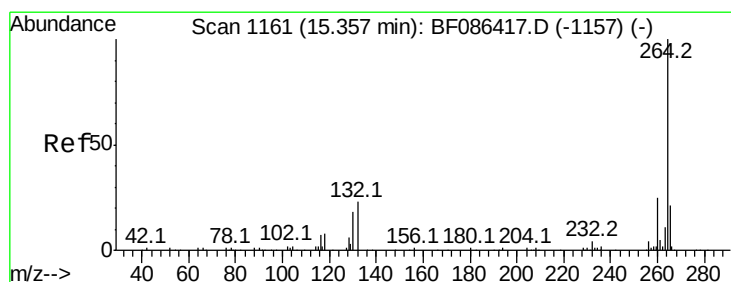
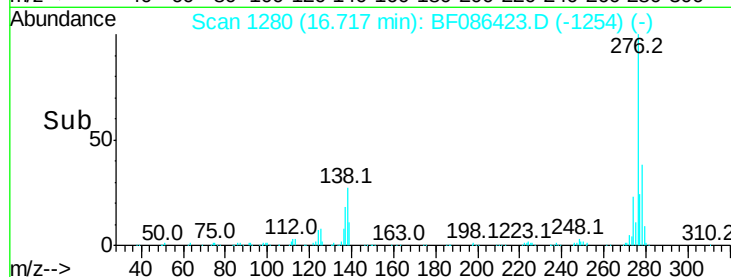
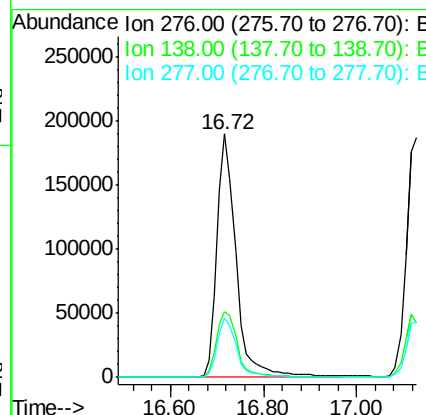
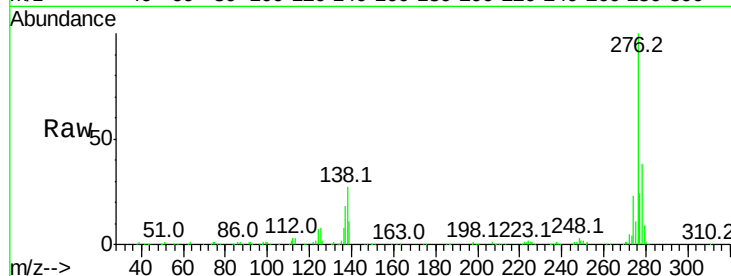
ClientSampleId :

PB89850BSD

Tot Ion:	276	Resp:	546186
Ion Ratio	Lower	Upper	
276	100		
138	29.9	25.6	38.4
277	25.2	20.5	30.7

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

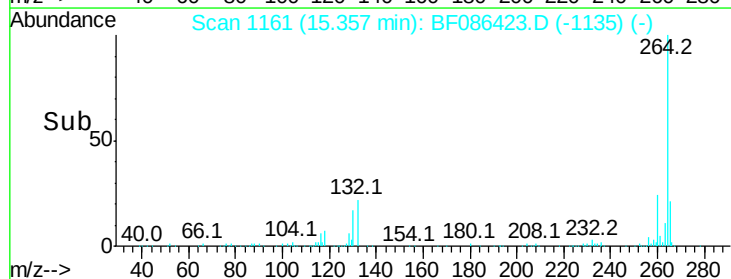
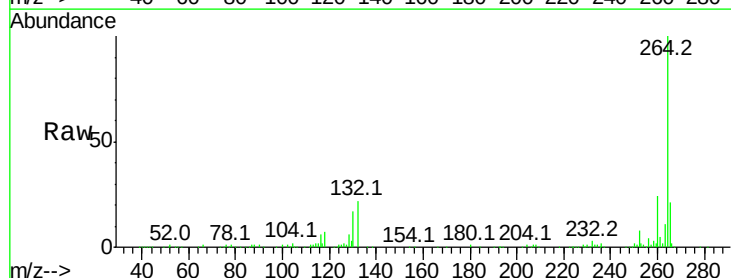
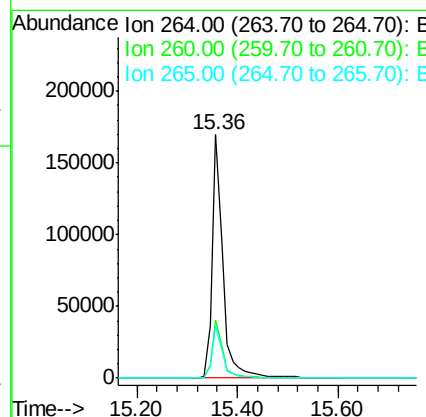
RT: 15.36 min Scan# 1161

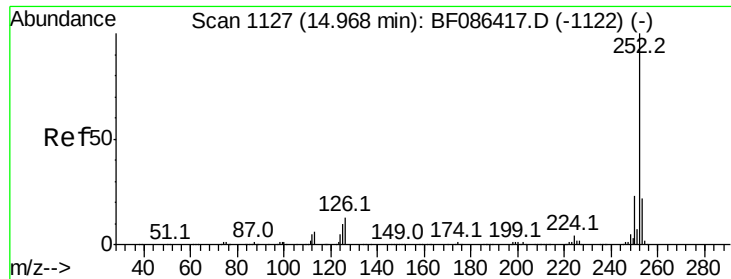
Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion:	264	Resp:	253577
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.5	29.3
265	21.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 45.85 ng m

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

Tot Ion:252 Resp: 684046

Ion Ratio Lower Upper

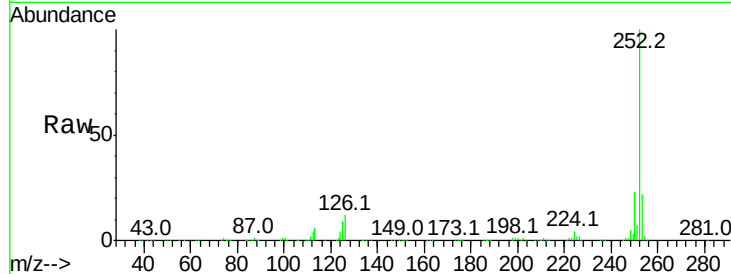
252 100

253 21.9 17.8 26.6

125 8.7 11.4 17.0#

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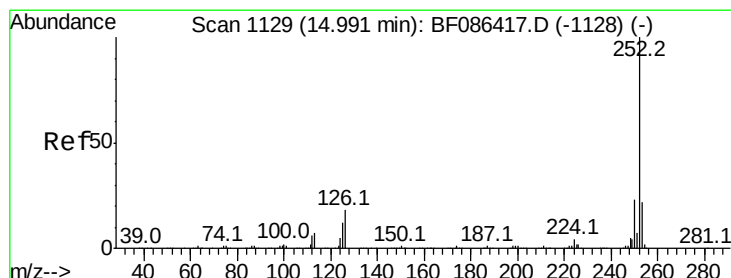
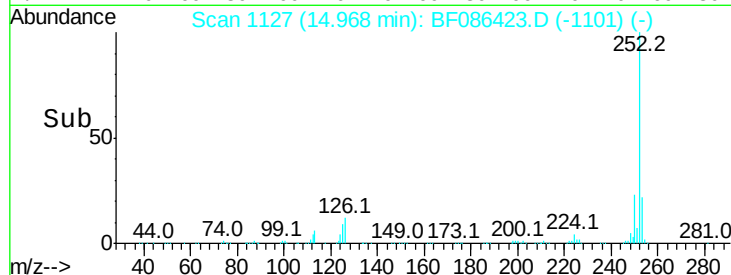
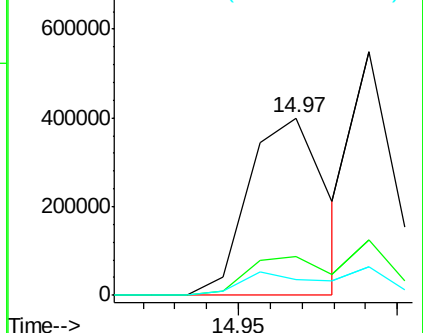
sohil
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.76 ng m

RT: 14.99 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF086423.D

Acq: 27 Apr 2016 14:45

Tgt Ion:252 Resp: 572027

Ion Ratio Lower Upper

252 100

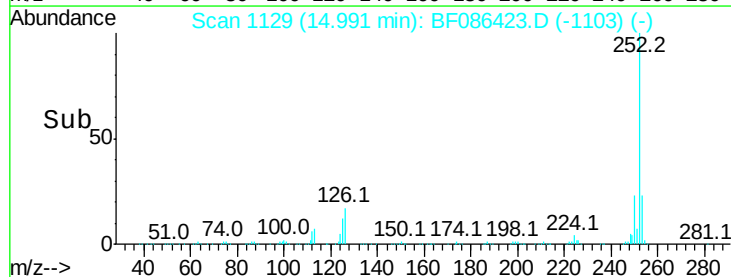
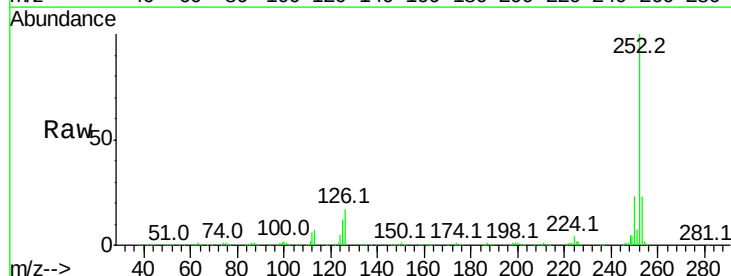
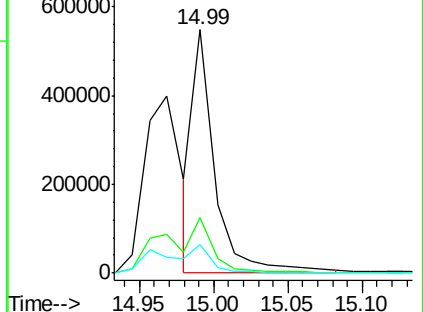
253 22.7 17.8 26.6

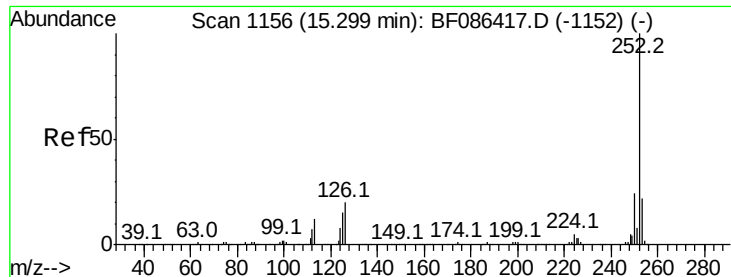
125 11.6 9.1 13.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





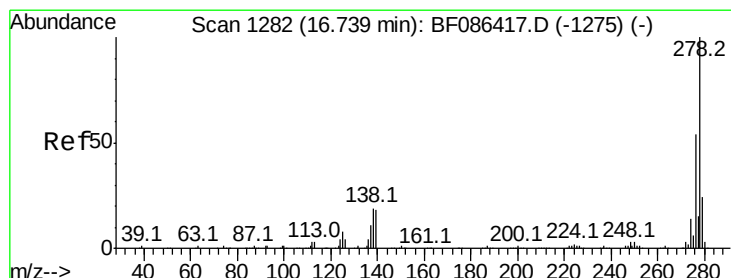
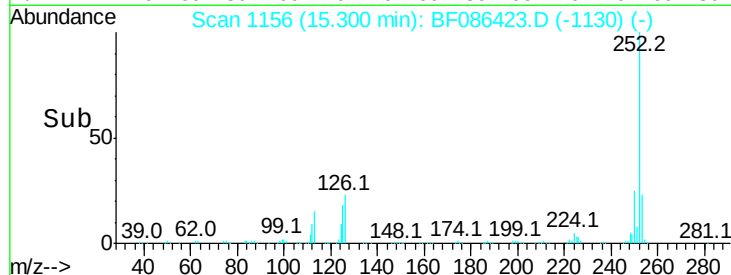
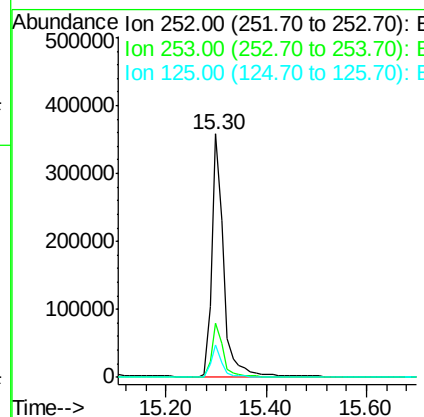
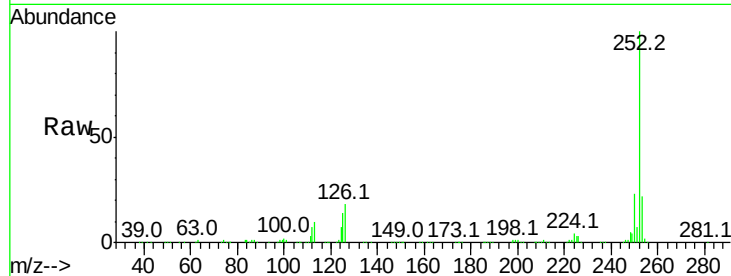
#89
Benzo(a)pyrene
Concen: 40.79 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.2	17.2	25.8	
125	13.6	9.0	13.6	

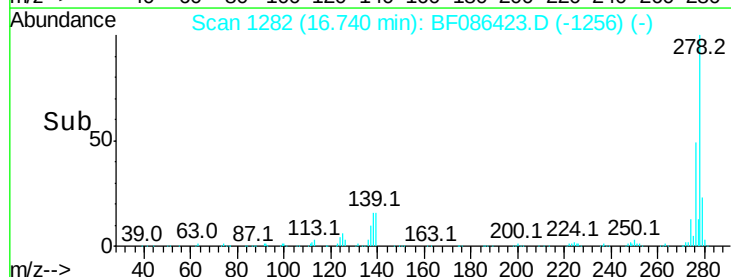
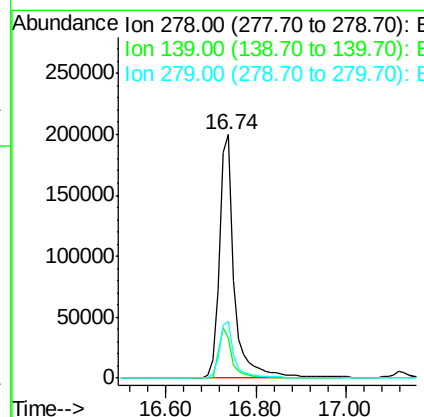
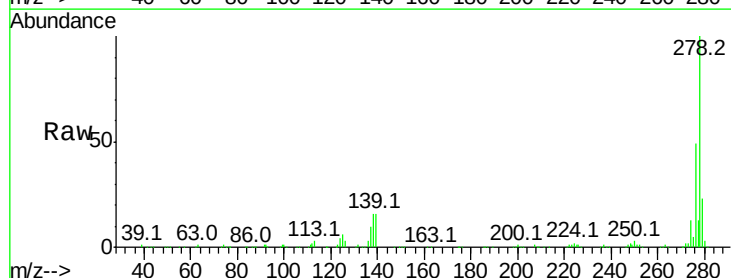
Manual Integrations
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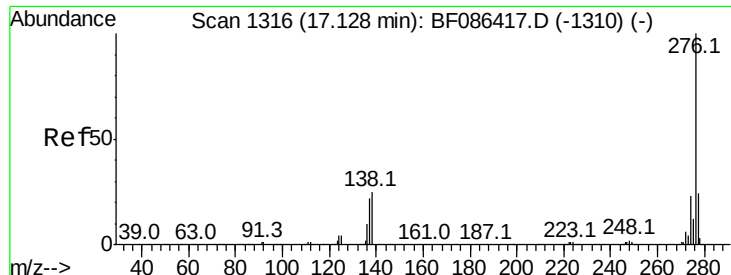
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 40.15 ng
RT: 16.74 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF086423.D
Acq: 27 Apr 2016 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	16.5	16.6	24.8	
279	23.2	19.6	29.4	





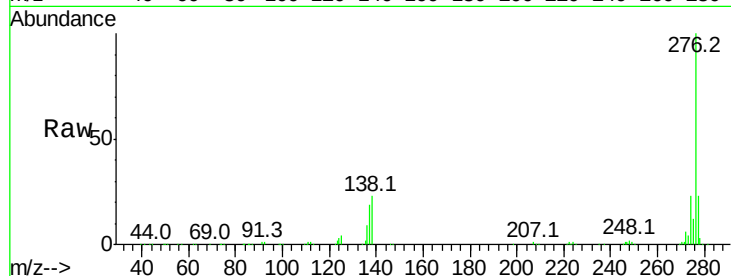
#91
 Benzo(a,h,i)perylene
 Concen: 39.78 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF086423.D
 Acq: 27 Apr 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.3	19.6	29.4
138	22.8	23.6	35.4

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

