

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087425.D
 Acq On : 27 May 2016 00:43
 Operator : UM/SJ
 Sample : PB90866BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Manual Integrations
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 5/27/2016 7:37:59 PM

Quant Time: May 27 02:32:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	110438	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	459068	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	217710	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	427587	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	325276	20.00	ng	-0.01
86) Perylene-d12	20.13	264	226269	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	769615	122.45	ng	0.01
7) Phenol-d6	7.06	99	951677	112.06	ng	-0.01
23) Nitrobenzene-d5	8.42	82	657766	72.21	ng	-0.02
41) 2,4,6-Tribromophenol	13.67	330	236825	113.20	ng	-0.01
44) 2-Fluorobiphenyl	11.31	172	1141660	73.93	ng	-0.02
78) Terphenyl-d14	17.12	244	1079942	70.58	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.91	88	98195	29.61	ng	# 67
3) Pyridine	2.49	79	254892	35.16	ng	# 62
4) n-Nitrosodimethylamine	2.47	42	219016	39.21	ng	# 49
6) Aniline	7.02	93	250187	22.77	ng	92
8) 2-Chlorophenol	7.19	128	296205	37.79	ng	90
9) Benzaldehyde	6.86	77	28485	6.08	ng	95
10) Phenol	7.08	94	367171	39.59	ng	85
11) bis(2-Chloroethyl)ether	7.15	93	285644	38.06	ng	90
12) 1,3-Dichlorobenzene	7.40	146	310405	36.31	ng	# 94
13) 1,4-Dichlorobenzene	7.53	146	312698	35.63	ng	94
14) 1,2-Dichlorobenzene	7.76	146	297962	36.70	ng	96
15) Benzyl Alcohol	7.80	79	245745	39.69	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.01	45	561523	33.25	ng	97
17) 2-Methylphenol	8.02	107	239095	38.06	ng	# 89
18) Hexachloroethane	8.28	117	118859	36.30	ng	# 87
19) n-Nitroso-di-n-propylamine	8.23	70	239883	37.88	ng	# 73
20) 3+4-Methylphenols	8.28	107	306623	40.38	ng	# 60
22) Acetophenone	8.19	105	425187	38.77	ng	# 97
24) Nitrobenzene	8.44	77	342460	35.62	ng	95
25) Isophorone	8.84	82	584265	35.76	ng	99
26) 2-Nitrophenol	8.96	139	148861	37.87	ng	# 74
27) 2,4-Dimethylphenol	9.11	122	266867	39.11	ng	89
28) bis(2-Chloroethoxy)methane	9.23	93	351046	38.15	ng	98
29) 2,4-Dichlorophenol	9.38	162	239278	38.91	ng	99
30) 1,2,4-Trichlorobenzene	9.46	180	256261	36.41	ng	97
31) Naphthalene	9.56	128	840232	36.53	ng	99
32) Benzoic acid	9.43	122	125995	37.33	ng	# 77
33) 4-Chloroaniline	9.74	127	91564	10.81	ng	# 91
34) Hexachlorobutadiene	9.78	225	146486	34.24	ng	98
35) Caprolactam	10.33	113	75356m	41.99	ng	
36) 4-Chloro-3-methylphenol	10.59	107	282471	40.63	ng	94
37) 2-Methylnaphthalene	10.70	142	544078	37.86	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	239421	34.36	ng	98
40) Hexachlorocyclopentadiene	10.95	237	176762	63.81	ng	95

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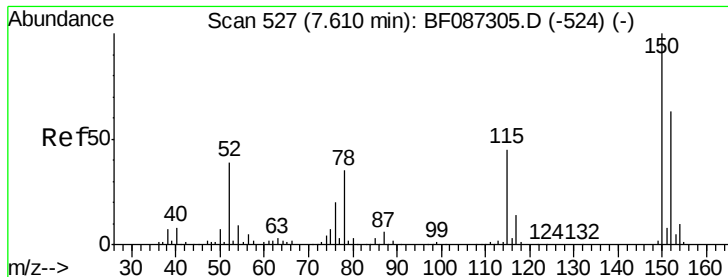
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	142312	35.38	nq	94
43) 2,4,5-Trichlorophenol	11.29	196	147208	35.94	nq	# 90
45) 1,1'-Biphenyl	11.46	154	679870	37.09	nq	97
46) 2-Chloronaphthalene	11.48	162	508121	36.23	nq	96
47) 2-Nitroaniline	11.70	65	207476	41.06	nq	# 78
48) Acenaphthylene	12.14	152	818959	36.89	nq	99
49) Dimethylphthalate	12.02	163	643269	36.88	nq	99
50) 2,6-Dinitrotoluene	12.11	165	134634	38.31	nq	# 78
51) Acenaphthene	12.42	154	505472	37.04	nq	97
52) 3-Nitroaniline	12.39	138	64435	17.87	nq	90
53) 2,4-Dinitrophenol	12.58	184	122747	69.21	nq	# 79
54) Dibenzofuran	12.71	168	753253	40.77	nq	96
55) 4-Nitrophenol	12.78	139	117695	68.41	nq	# 43
56) 2,4-Dinitrotoluene	12.78	165	188287	40.09	nq	# 89
57) Fluorene	13.26	166	606691	37.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	129148	40.98	nq	98
59) Diethylphthalate	13.17	149	630627	37.19	nq	100
60) 4-Chlorophenyl-phenylether	13.29	204	284695	36.44	nq	90
61) 4-Nitroaniline	13.38	138	126887	37.69	nq	# 61
62) Azobenzene	13.54	77	739795	42.06	nq	85
64) 4,6-Dinitro-2-methylphenol	13.44	198	96718	35.57	nq	# 64
65) n-Nitrosodiphenylamine	13.51	169	523140	37.83	nq	100
66) 4-Bromophenyl-phenylether	14.07	248	162288	34.69	nq	94
67) Hexachlorobenzene	14.14	284	173580	35.48	nq	# 65
68) Atrazine	14.42	200	154538	35.06	nq	95
69) Pentachlorophenol	14.50	266	86692	58.79	nq	98
70) Phenanthrene	14.81	178	890633	37.60	nq	99
71) Anthracene	14.89	178	914337	38.21	nq	99
72) Carbazole	15.18	167	798614	39.13	nq	99
73) Di-n-butylphthalate	15.76	149	972881	36.86	nq	# 98
74) Fluoranthene	16.56	202	899322	37.87	nq	97
76) Benzidine	16.80	184	134192	16.03	nq	97
77) Pyrene	16.87	202	907821	38.77	nq	100
79) Butylbenzylphthalate	17.78	149	383401	36.92	nq	# 75
80) Benzo(a)anthracene	18.45	228	710918	38.42	nq	99
81) 3,3'-Dichlorobenzidine	18.43	252	122592	11.99	nq	99
82) Chrysene	18.49	228	699085	38.07	nq	100
83) Bis(2-ethylhexyl)phthalate	18.53	149	489029	32.28	nq	96
84) Di-n-octyl phthalate	19.30	149	735424	31.83	nq	# 86
85) Indeno(1,2,3-cd)pyrene	21.35	276	518436	35.22	nq	94
87) Benzo(b)fluoranthene	19.73	252	561883	38.98	nq	# 93
88) Benzo(k)fluoranthene	19.75	252	540834m	43.59	nq	
89) Benzo(a)pyrene	20.07	252	502622	40.32	nq	97
90) Dibenzo(a,h)anthracene	21.36	278	434047	40.82	nq	# 93
91) Benzo(g,h,i)perylene	21.70	276	433101	41.29	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

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BNA_F

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PB90866BS

Tot Ion:152 Resp: 110438

Ion Ratio Lower Upper

152 100

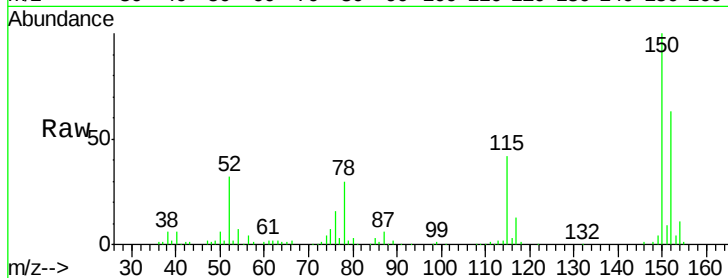
150 159.1 125.8 188.6

115 66.1 51.5 77.3

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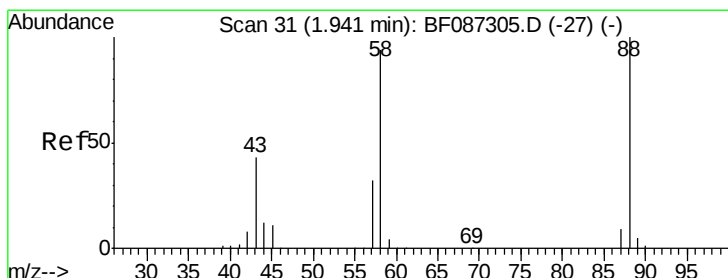
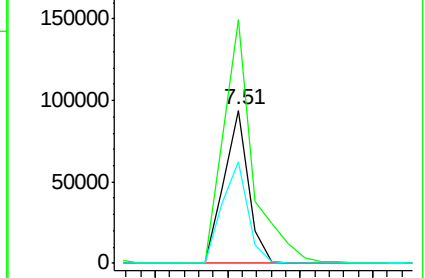
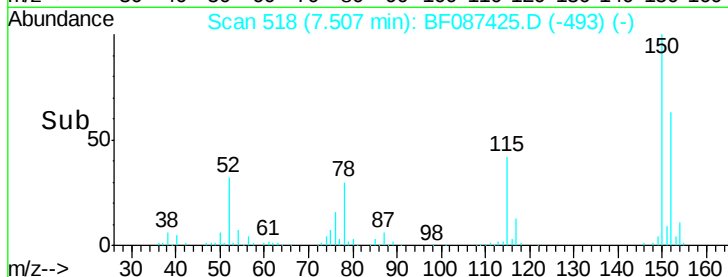
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.61 ng

RT: 1.91 min Scan# 28

Delta R.T. 0.09 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

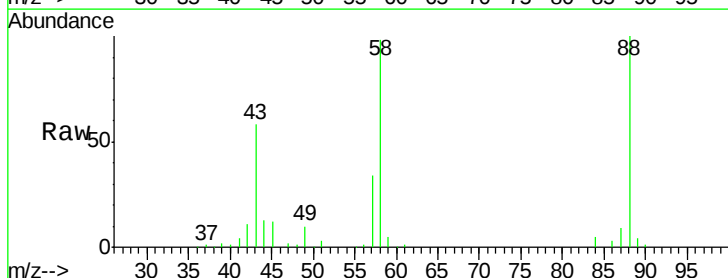
Tgt Ion: 88 Resp: 98195

Ion Ratio Lower Upper

88 100

58 94.4 59.6 89.4#

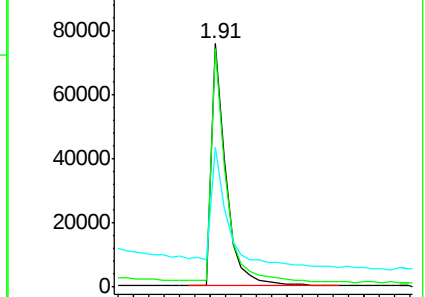
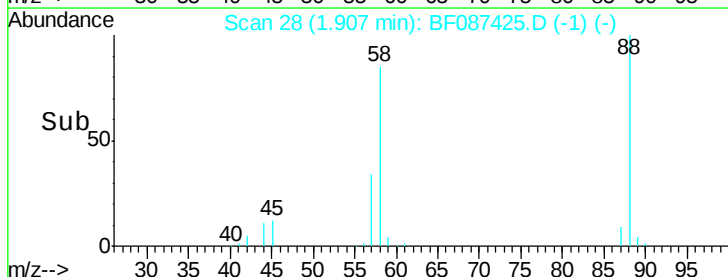
43 58.2 21.8 32.6#

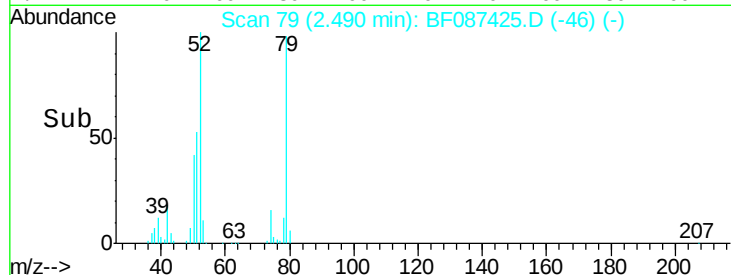
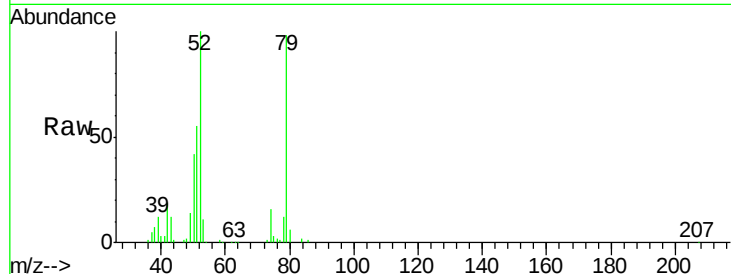
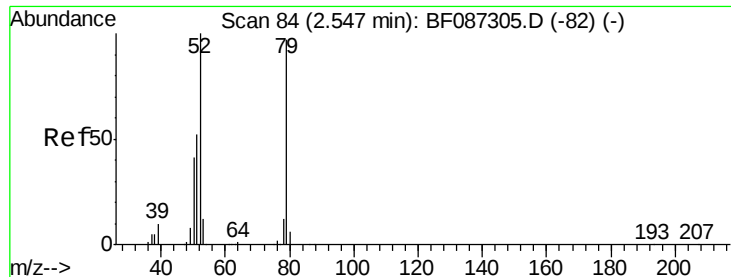


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





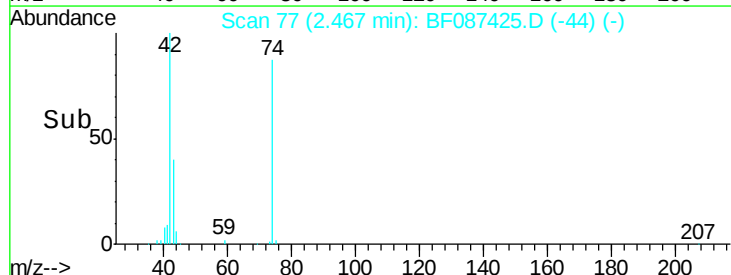
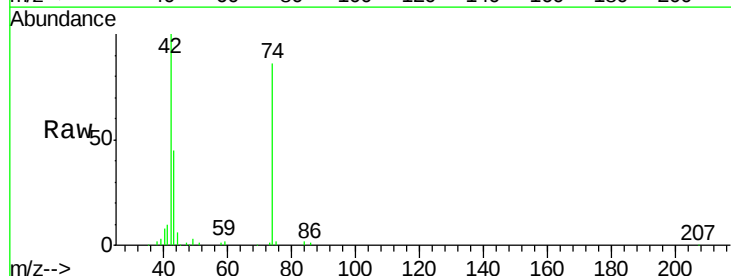
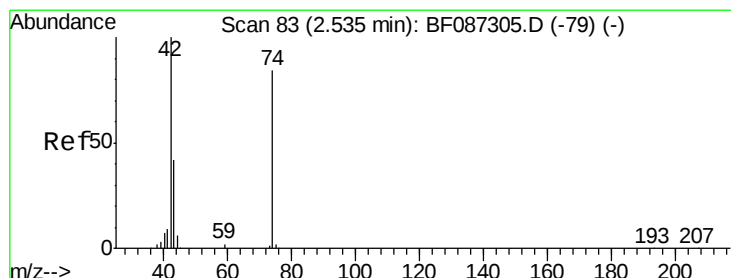
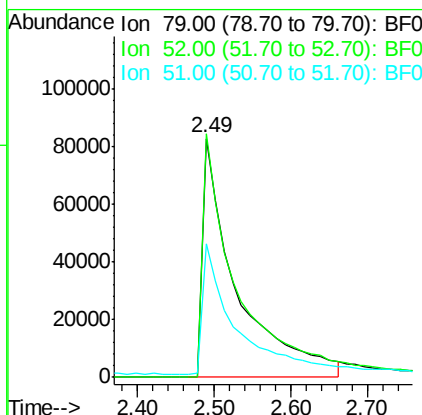
#3
Pvridine
Concen: 35.16 ng
RT: 2.49 min Scan# 79
Delta R.T. 0.08 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	101.8	55.9	83.9#
51	55.9	28.1	42.1#

Instrument :
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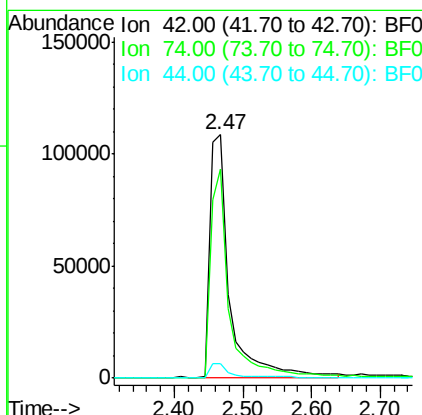
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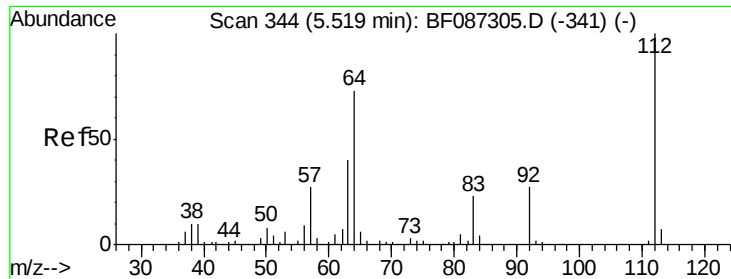
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#4
n-Nitrosodimethylamine
Concen: 39.21 ng
RT: 2.47 min Scan# 77
Delta R.T. 0.08 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	86.1	123.4	185.0#
44	6.1	5.8	8.6





#5

2-Fluorophenol

Concen: 122.45 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

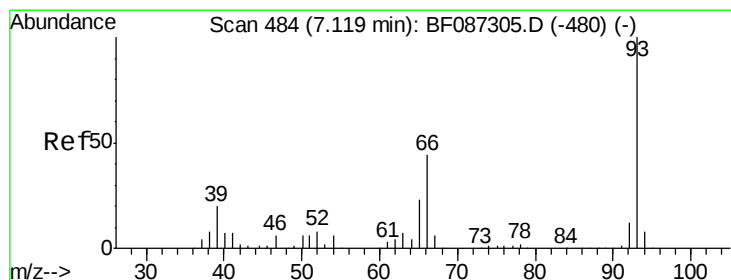
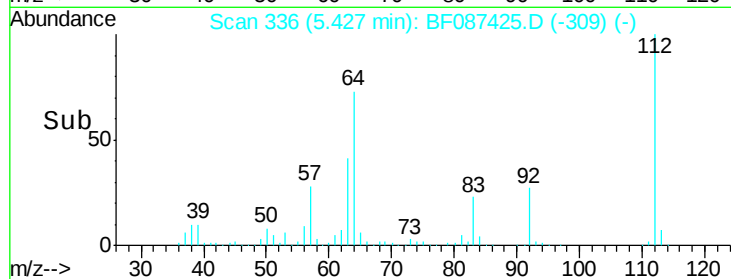
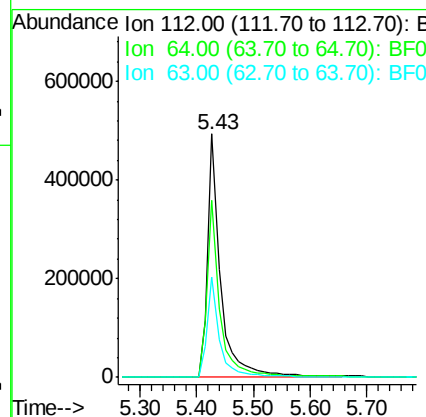
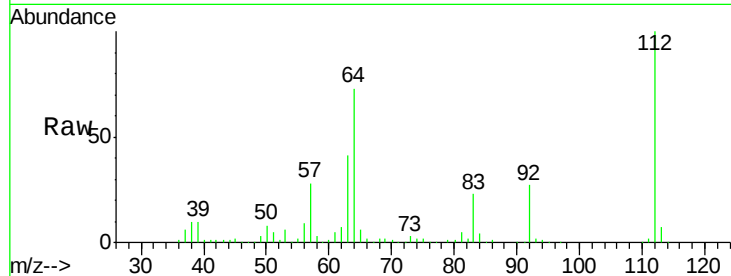
ClientSampleId :

PB90866BS

Tot Ion:	112	Resp:	769615
Ion Ratio	Lower	Upper	
112	100		
64	72.8	52.1	78.1
63	41.0	25.7	38.5

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#6

Aniline

Concen: 22.77 ng

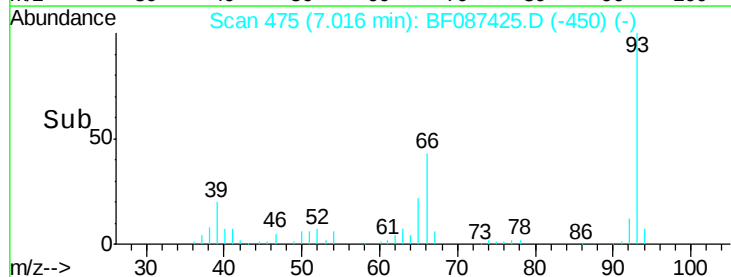
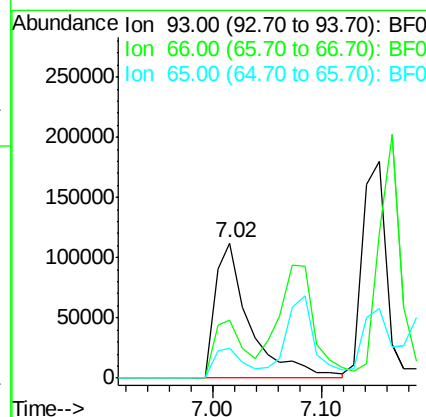
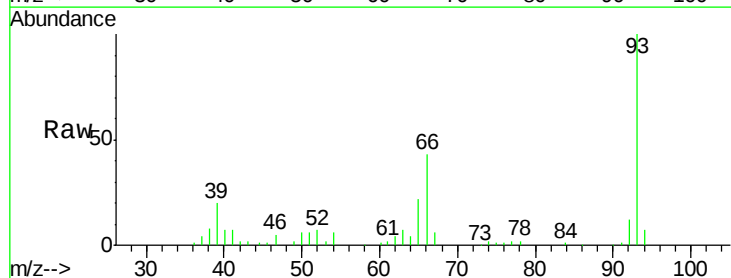
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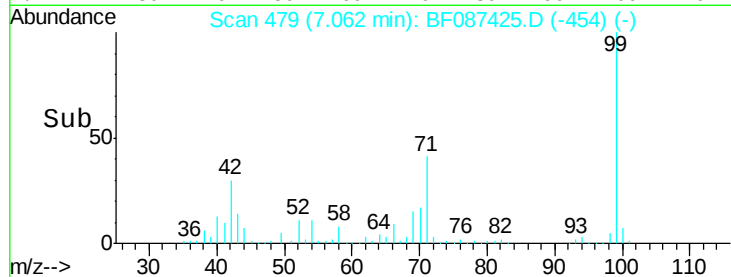
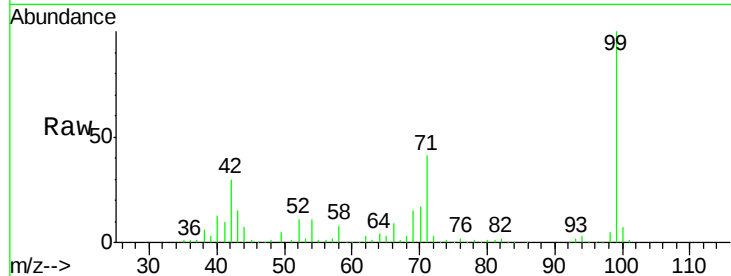
Delta R.T. -0.01 min

Lab File: BF087425.D

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Tgt Ion:	93	Resp:	250187
Ion Ratio	Lower	Upper	
93	100		
66	43.0	39.0	58.6
65	22.3	20.6	31.0





#7

Phenol-d6

Concen: 112.06 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tot Ion:	99	Resp:	951677
Ion Ratio	Lower	Upper	
99	100		
42	30.4	13.6	20.4#
71	41.1	24.6	36.8#

Instrument :

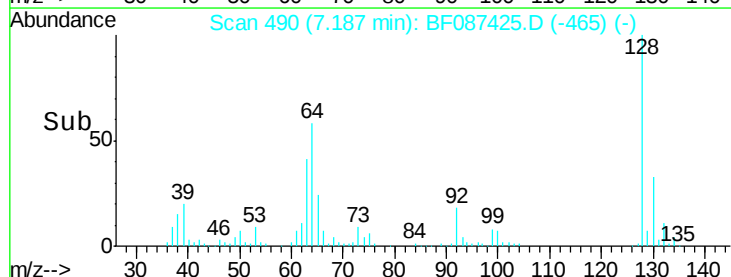
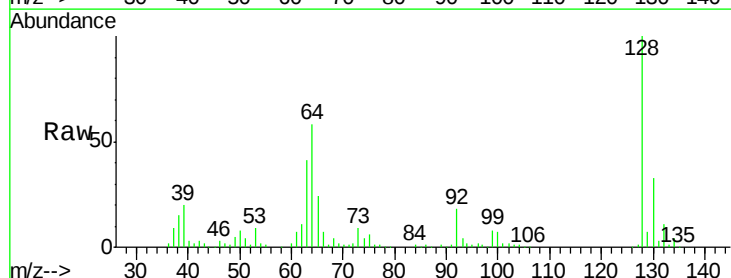
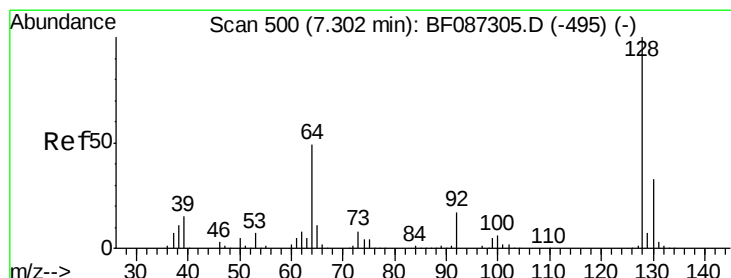
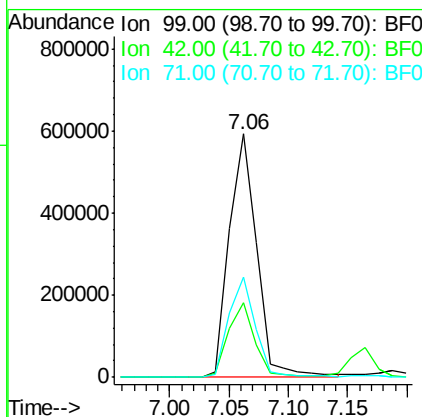
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#8

2-Chlorophenol

Concen: 37.79 ng

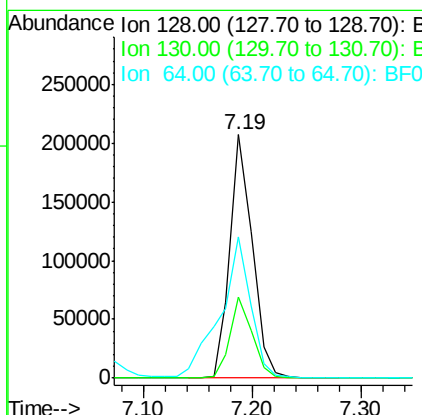
RT: 7.19 min Scan# 490

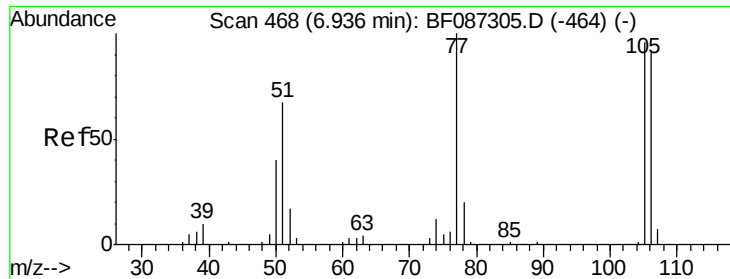
Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:	128	Resp:	296205
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.5	52.5
64	57.7	27.3	67.3





#9

Benzaldehyde

Concen: 6.08 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

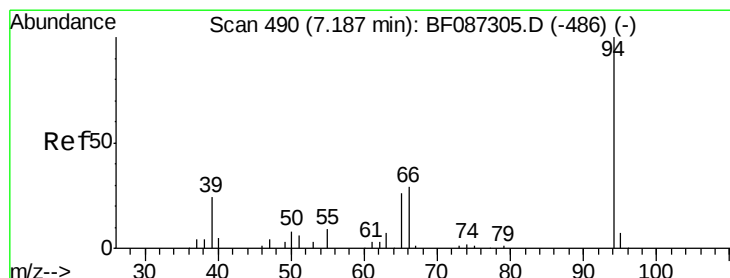
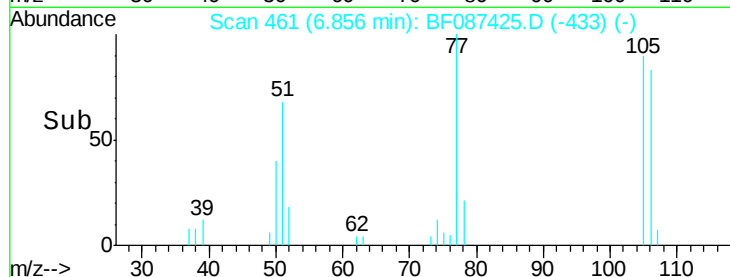
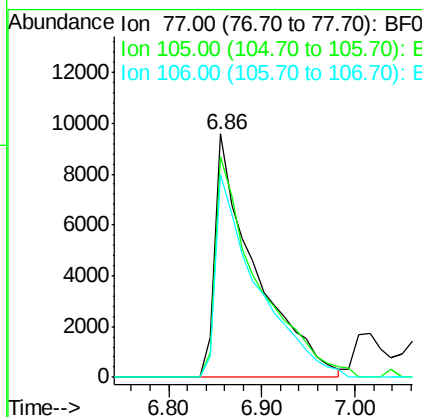
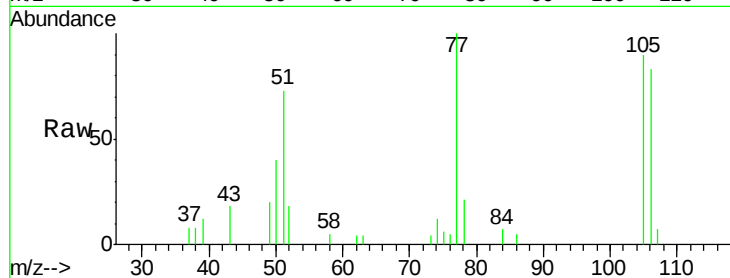
ClientSampled :

PB90866BS

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Tot Ion:	77	Resp:	28485
Ion	Ratio	Lower	Upper
77	100		
105	90.3	72.7	112.7
106	83.3	70.8	110.8



#10

Phenol

Concen: 39.59 ng

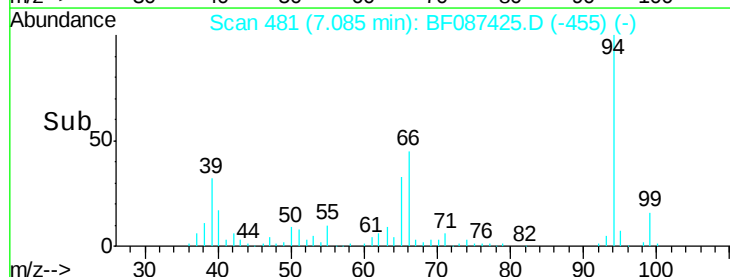
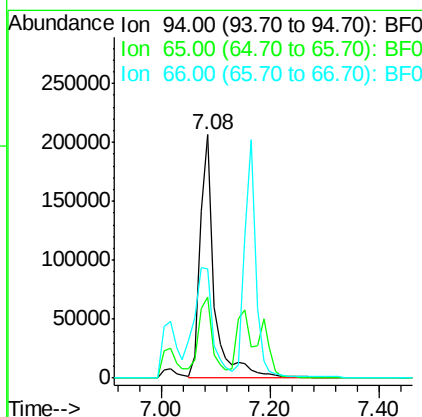
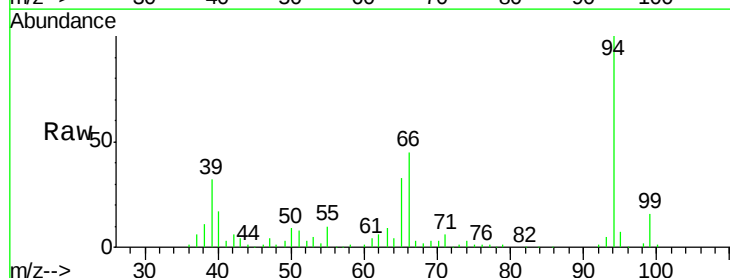
RT: 7.08 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:	94	Resp:	367171
Ion	Ratio	Lower	Upper
94	100		
65	33.3	7.2	47.2
66	45.1	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 38.06 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

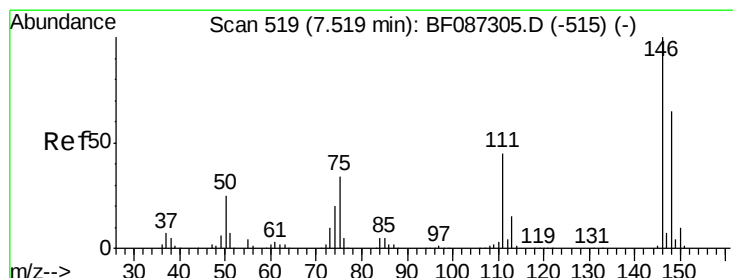
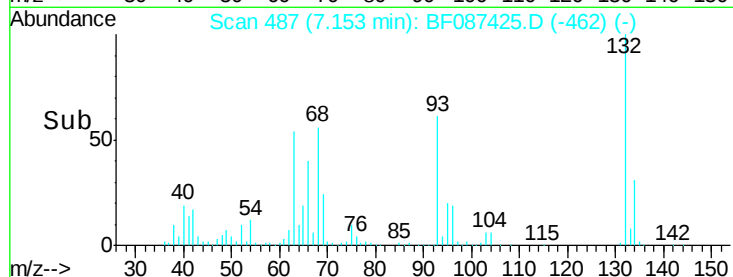
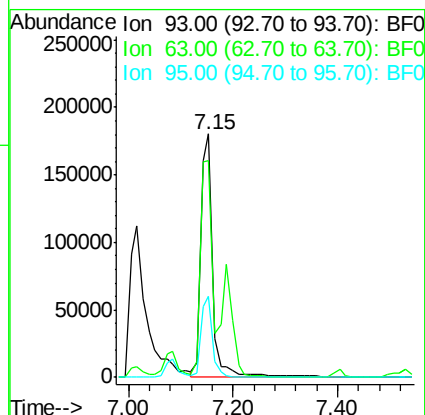
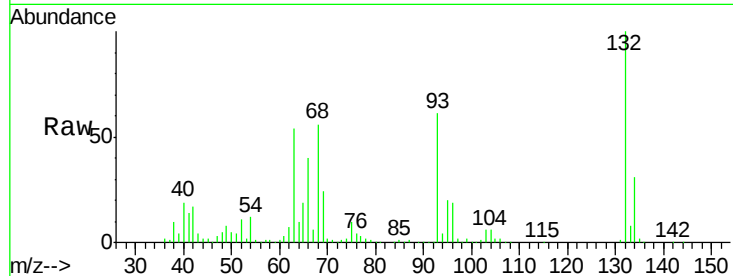
ClientSampled :

PB90866BS

Tot Ion:	93	Resp:	285644
Ion Ratio	Lower	Upper	
93	100		
63	89.1	58.0	98.0
95	33.3	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 36.31 ng

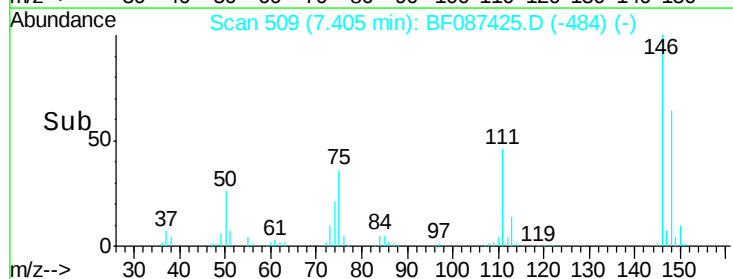
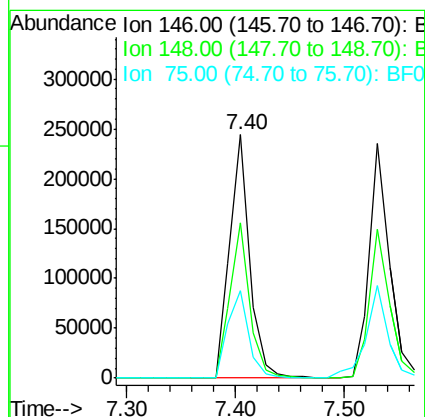
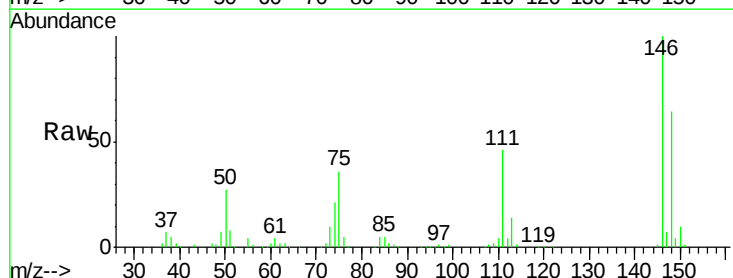
RT: 7.40 min Scan# 509

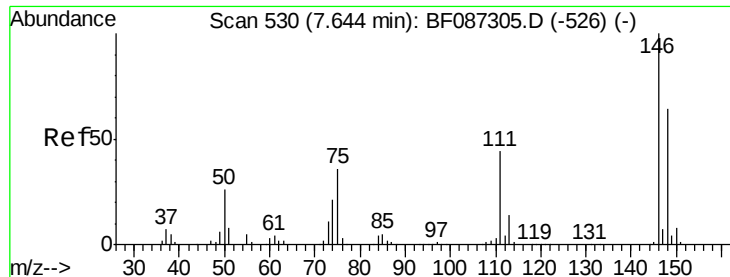
Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:	146	Resp:	310405
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.4	78.6
75	35.7	22.8	34.2#





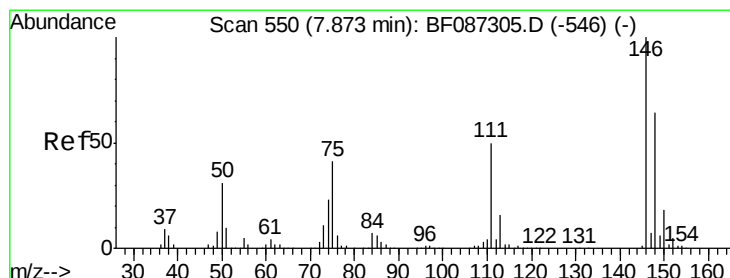
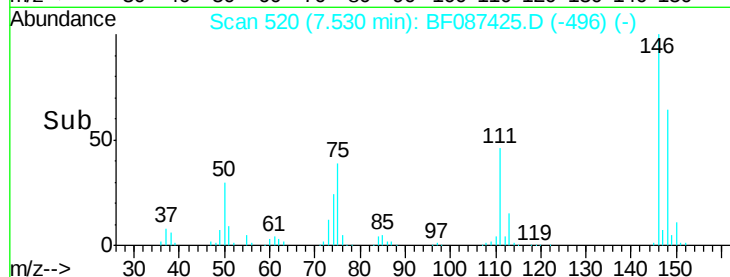
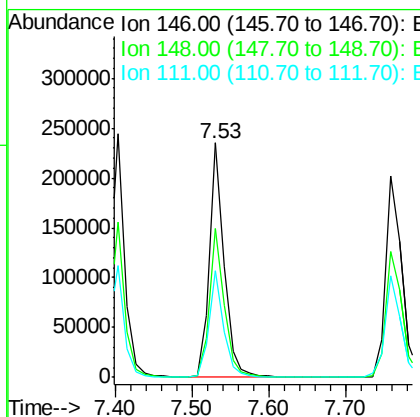
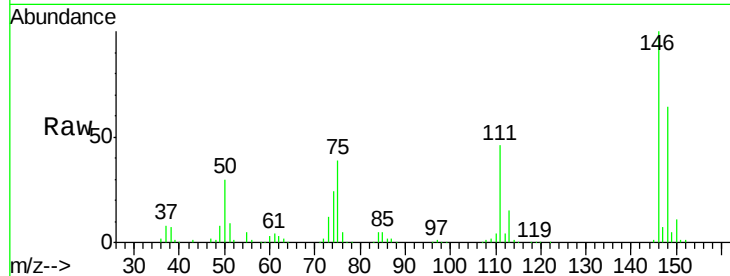
#13
 1,4-Dichlorobenzene
 Concen: 35.63 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.4
111	45.7	30.7	46.1

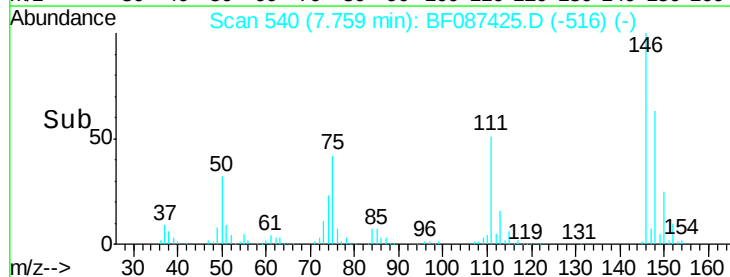
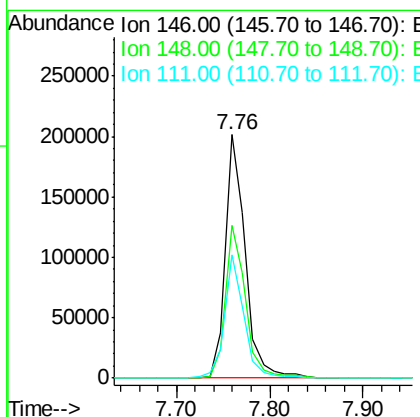
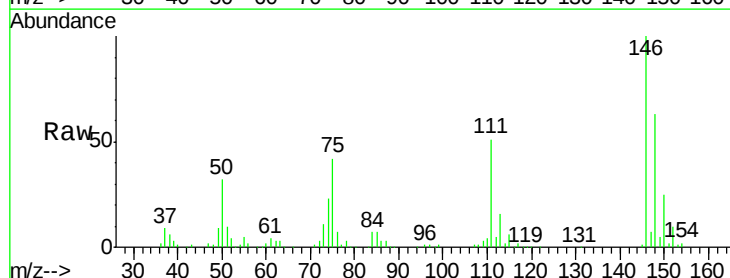
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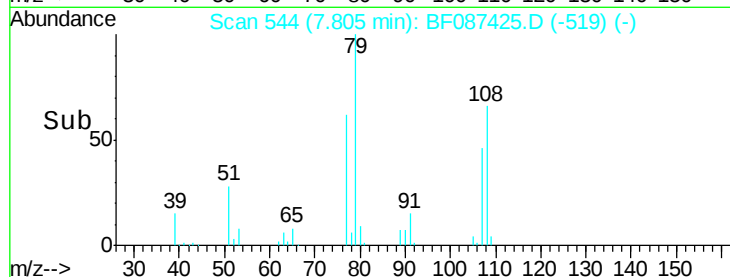
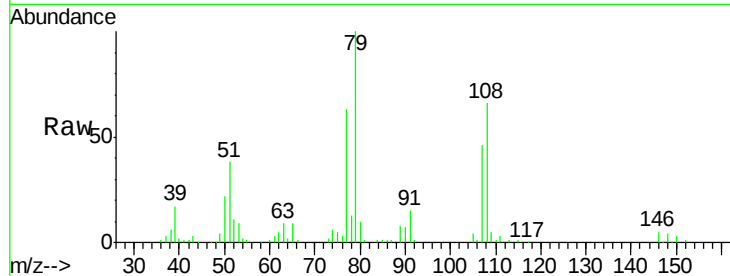
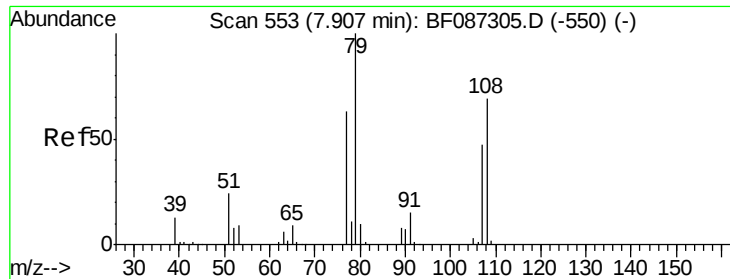
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#14
 1,2-Dichlorobenzene
 Concen: 36.70 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.6
111	50.7	36.2	54.4





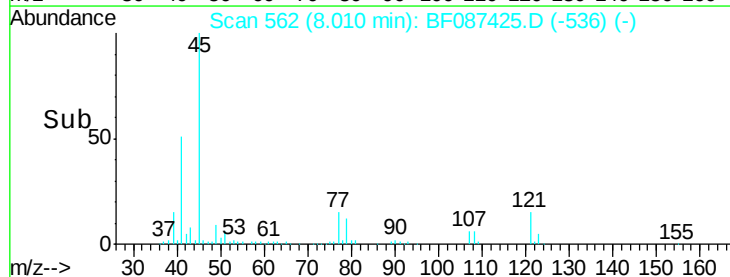
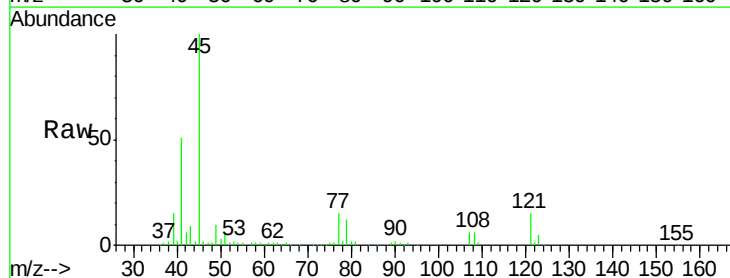
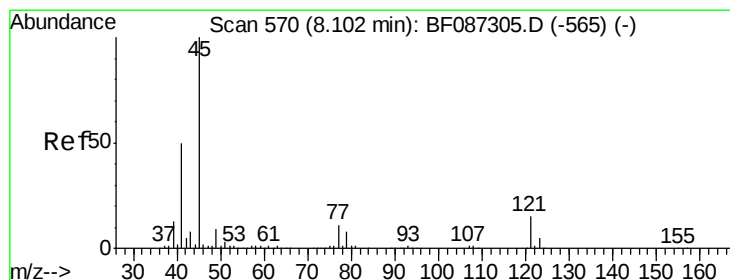
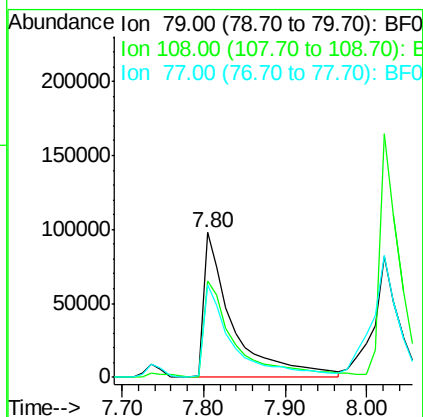
#15
Benzyl Alcohol
Concen: 39.69 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.2	68.4	102.6#
77	63.5	50.6	76.0

Instrument :
BNA_F
ClientSampled :
PB90866BS

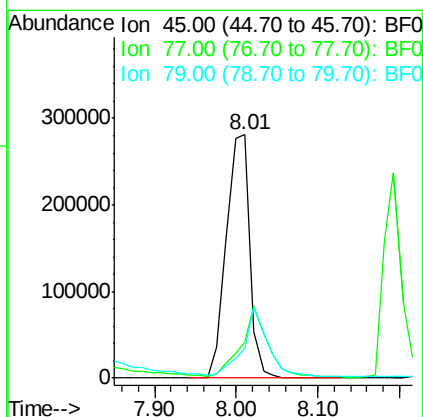
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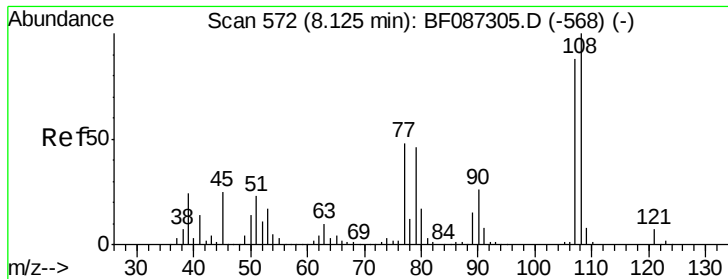
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.25 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	36.4
79	12.4	0.0	33.4





#17

2-Methylphenol

Concen: 38.06 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

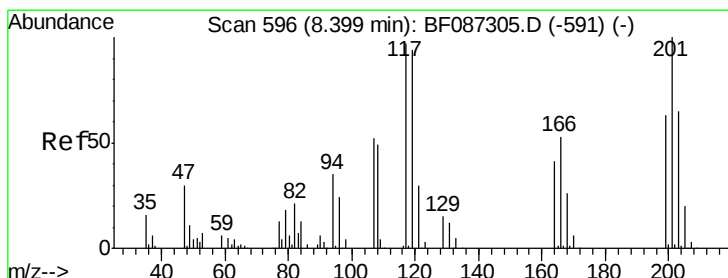
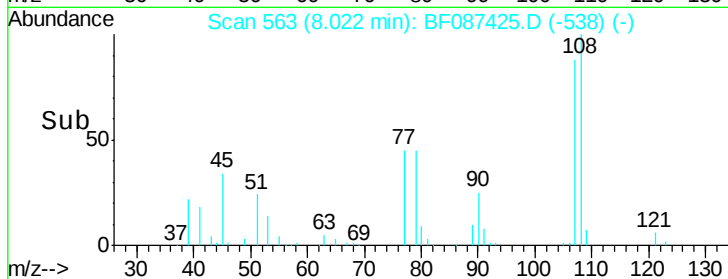
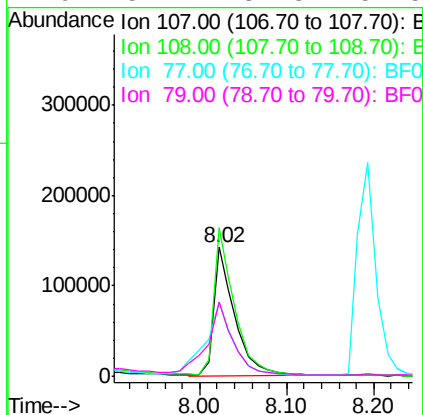
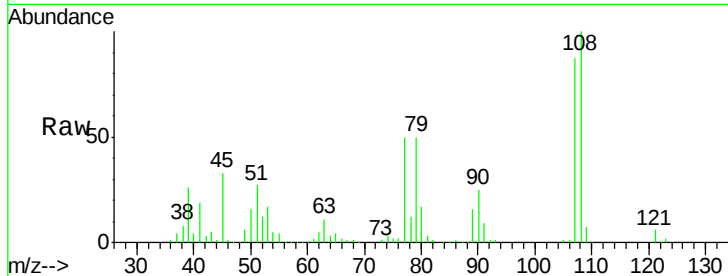
ClientSampleId :

PB90866BS

Tot Ion:	107	Resp:	239095
Ion Ratio	Lower	Upper	
107	100		
108	115.4	93.7	140.5
77	57.9	33.4	50.0#
79	57.2	34.3	51.5#

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#18

Hexachloroethane

Concen: 36.30 ng

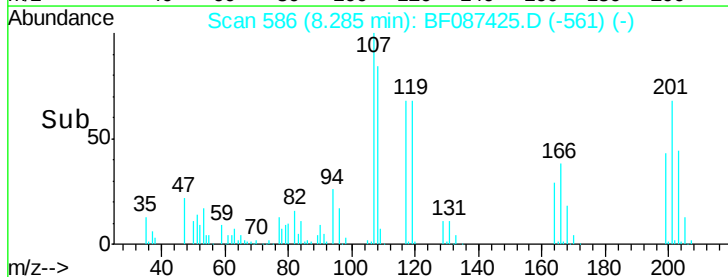
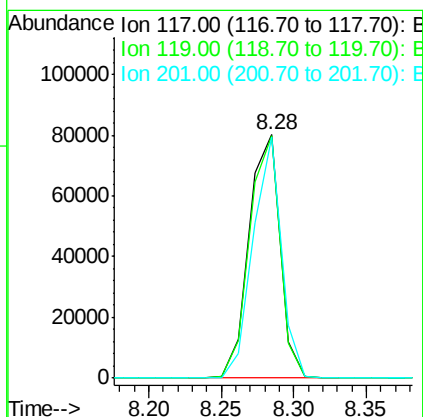
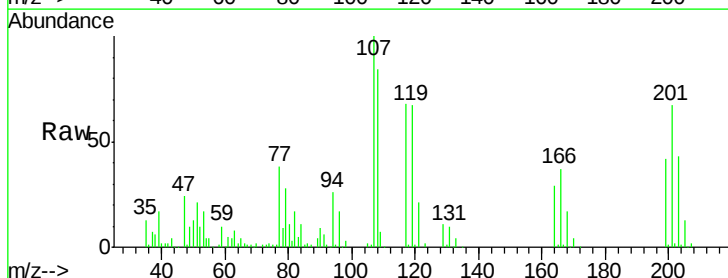
RT: 8.28 min Scan# 586

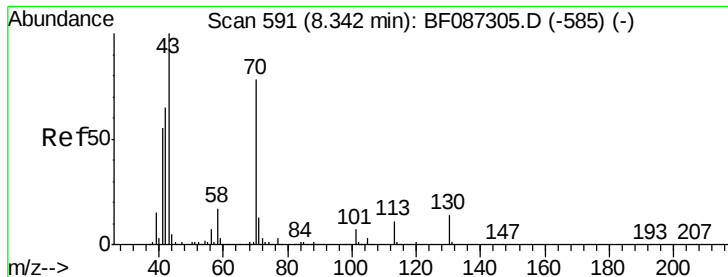
Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:	117	Resp:	118859
Ion Ratio	Lower	Upper	
117	100		
119	99.6	76.5	114.7
201	98.9	63.0	94.6#





#19

n-Nitroso-di-n-propylamine

Concen: 37.88 ng

RT: 8.23 min Scan# 581

Delta R.T. -0.02 min

Lab File: BF087425.D

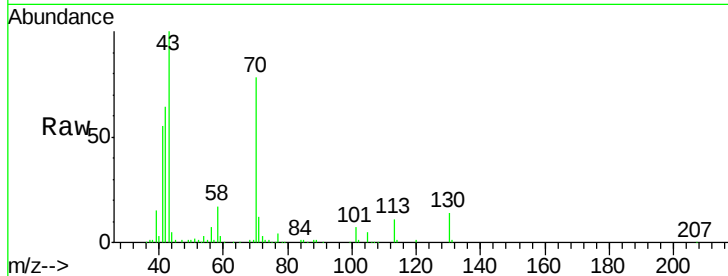
Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS



Tot Ion: 70 Resp: 239883

Ion Ratio Lower Upper

70 100

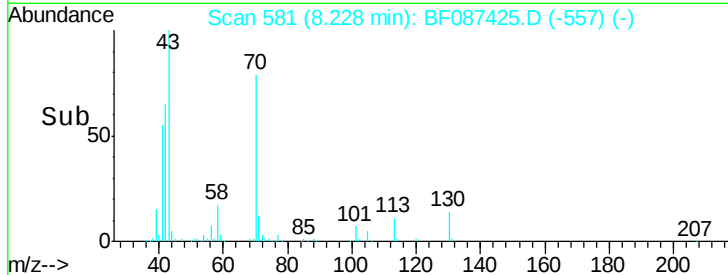
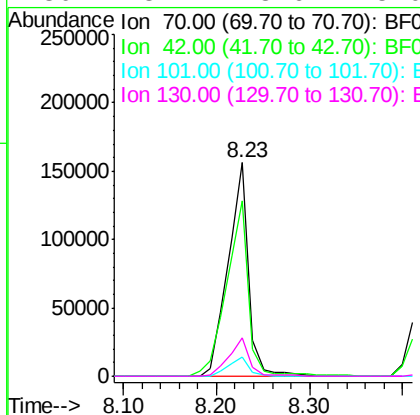
42 82.1 43.1 64.7#

101 9.0 8.1 12.1

130 18.2 18.6 28.0#

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#20

3+4-Methylphenols

Concen: 40.38 ng

RT: 8.28 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion: 107 Resp: 306623

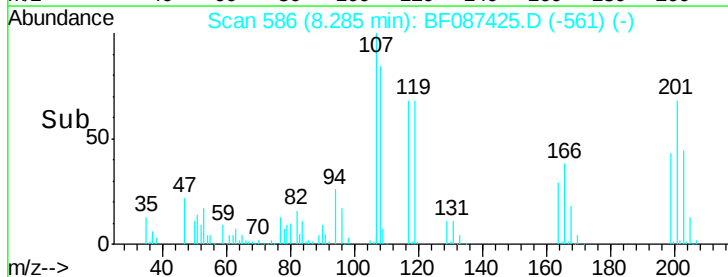
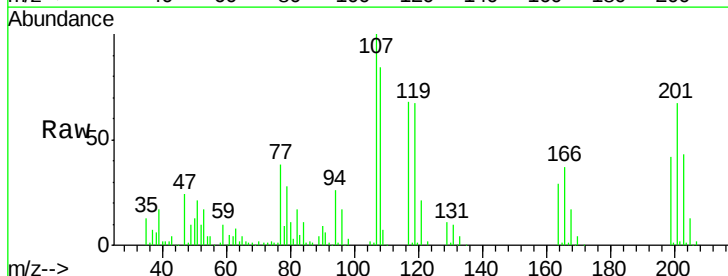
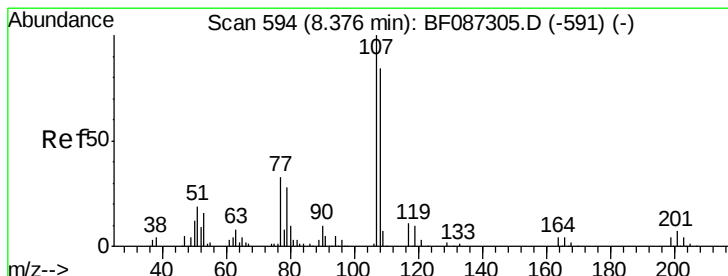
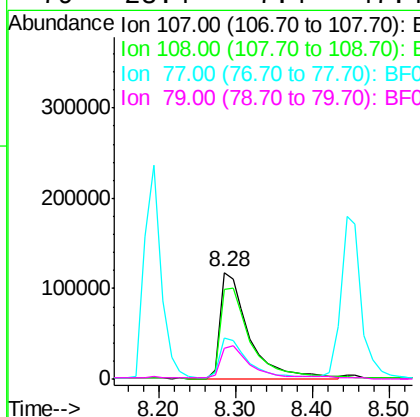
Ion Ratio Lower Upper

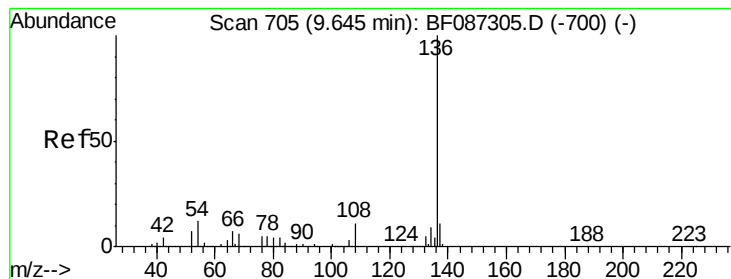
107 100

108 84.4 68.5 108.5

77 37.9 101.6 141.6#

79 28.4 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

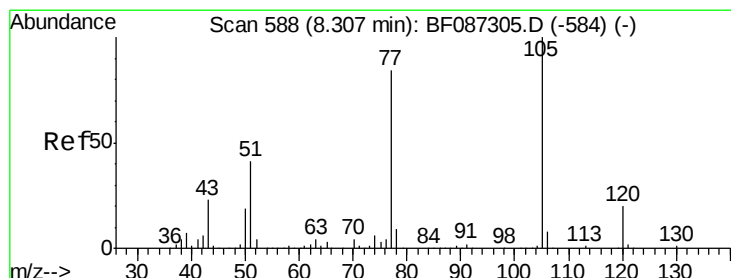
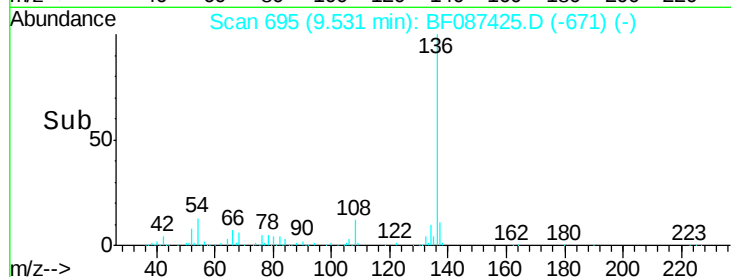
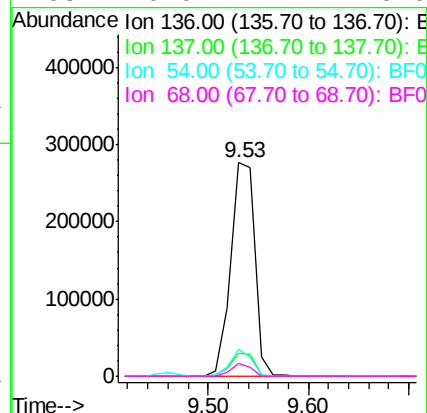
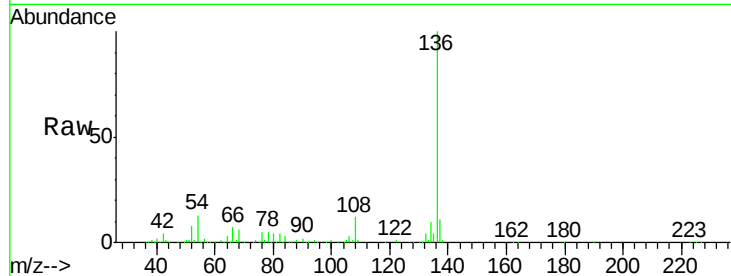
ClientSampleId :

PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	459068		
137	10.7	8.8	13.2	
54	12.7	5.0	7.4	
68	6.0	4.4	6.6	

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#22

Acetophenone

Concen: 38.77 ng

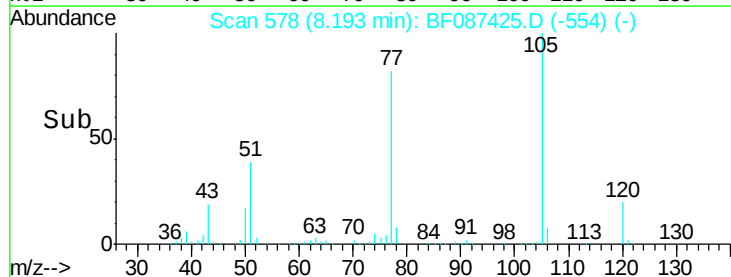
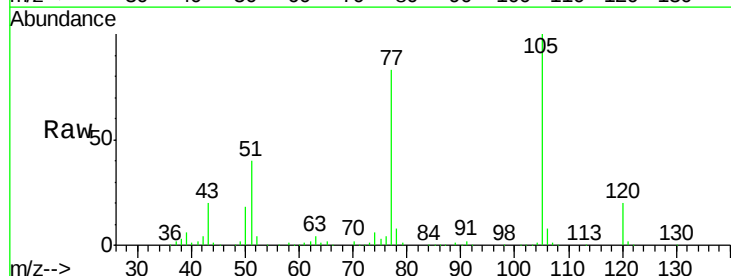
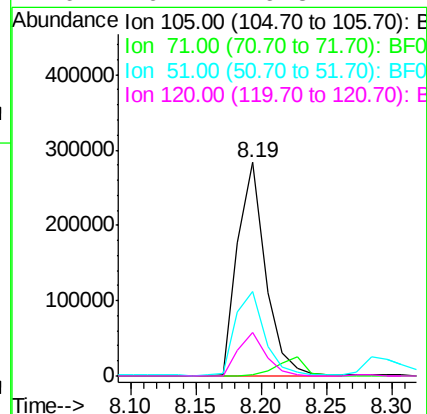
RT: 8.19 min Scan# 578

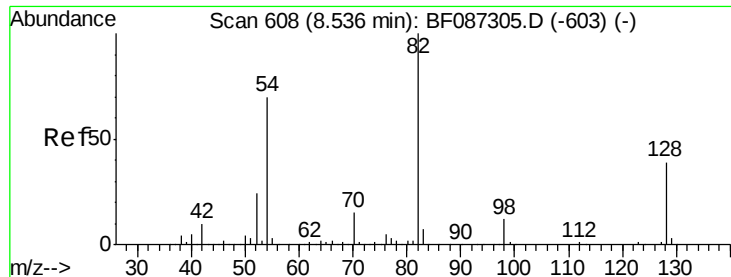
Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	425187		
71	0.4	4.8	7.2	
51	39.9	32.6	49.0	
120	20.4	16.5	24.7	





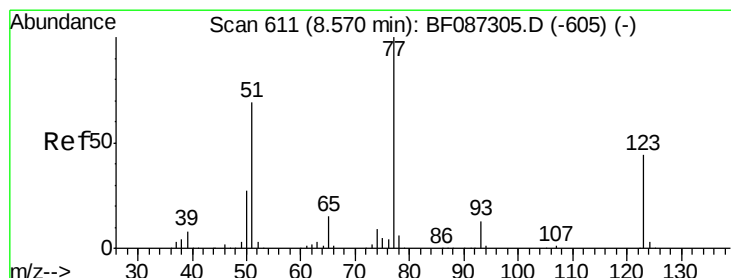
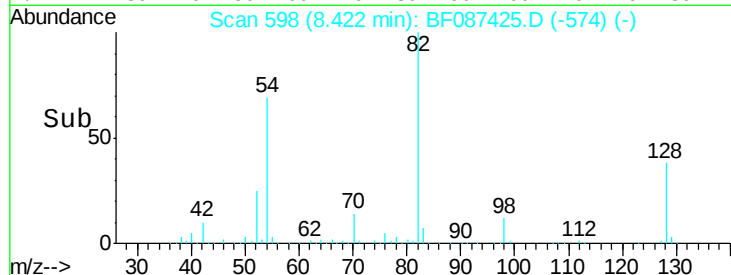
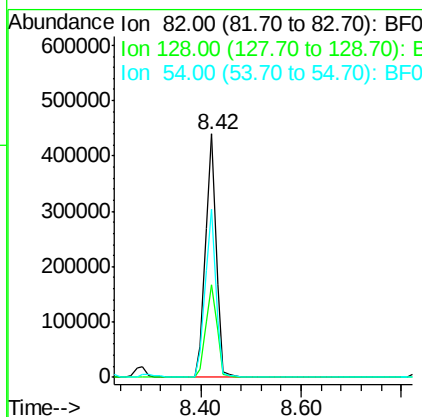
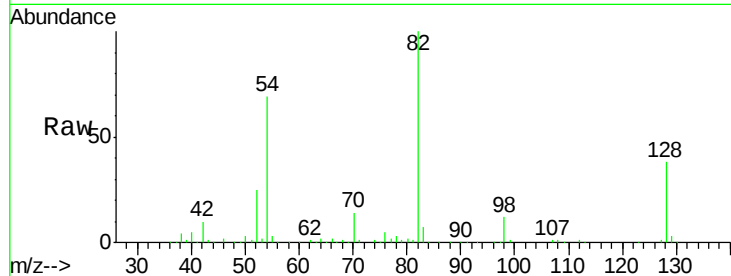
#23
 Nitrobenzene-d5
 Concen: 72.21 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Instrument :
 BNA_F
 ClientSampleID :
 PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	657766		
128	38.3		40.6	61.0#
54	69.2		38.1	57.1#

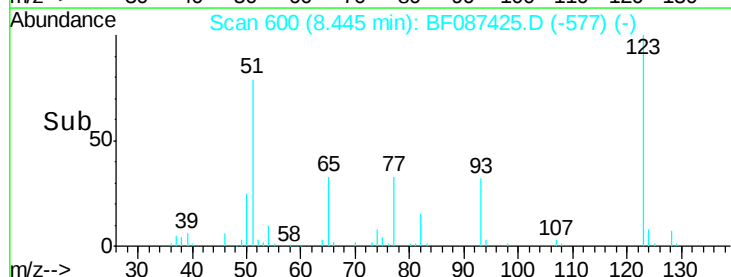
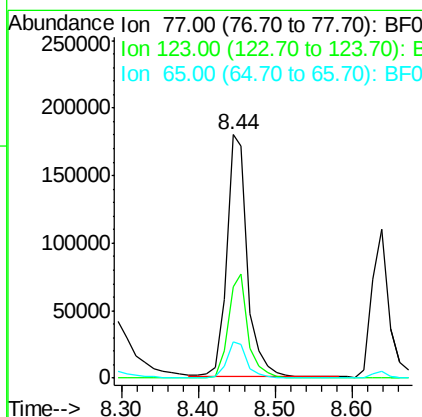
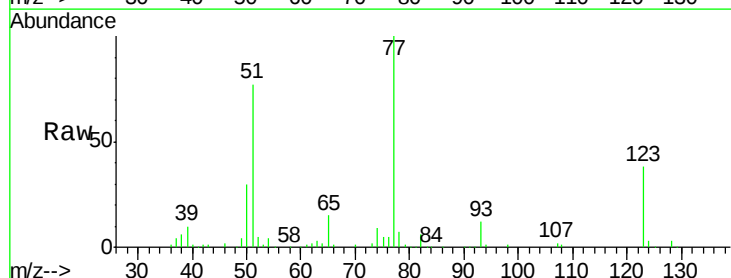
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#24
 Nitrobenzene
 Concen: 35.62 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	342460		
123	37.7		33.0	49.4
65	15.1		10.8	16.2





#25

Isophorone

Concen: 35.76 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

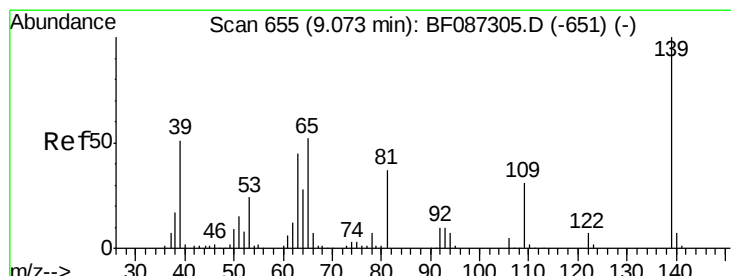
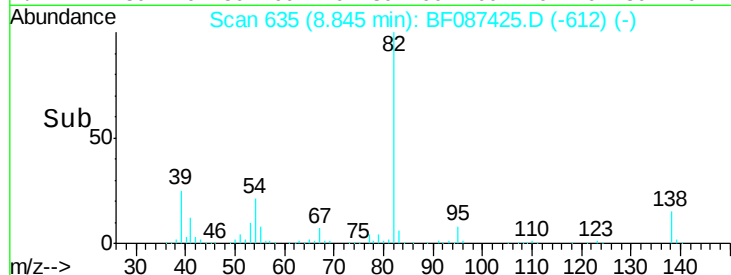
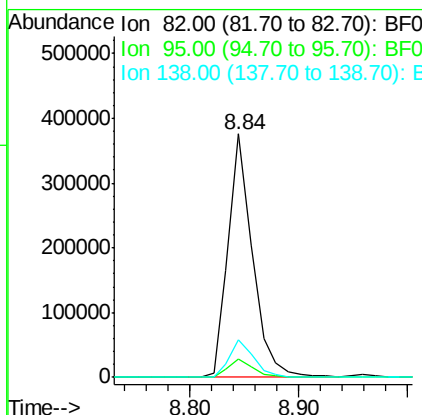
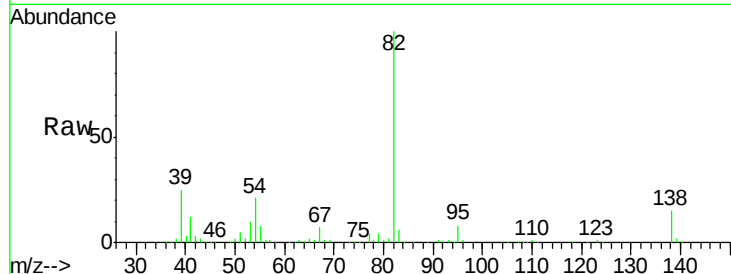
ClientSampled :

PB90866BS

Tot Ion:	82	Resp:	584265
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.1	7.7
138	15.4	12.4	18.6

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#26

2-Nitrophenol

Concen: 37.87 ng

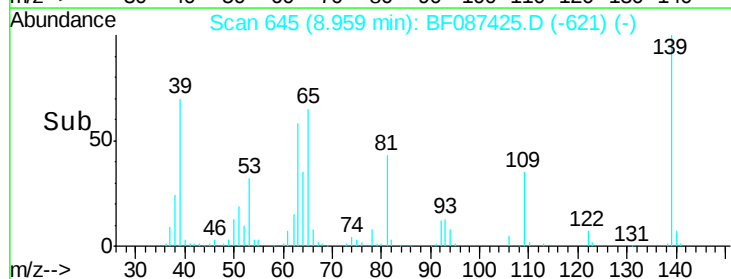
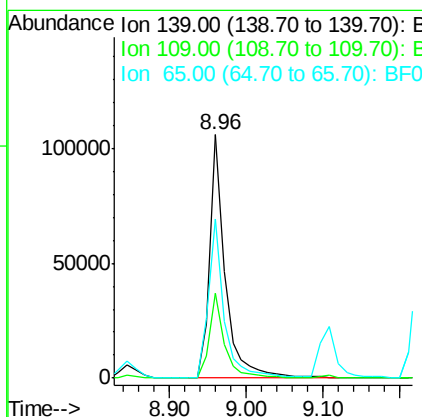
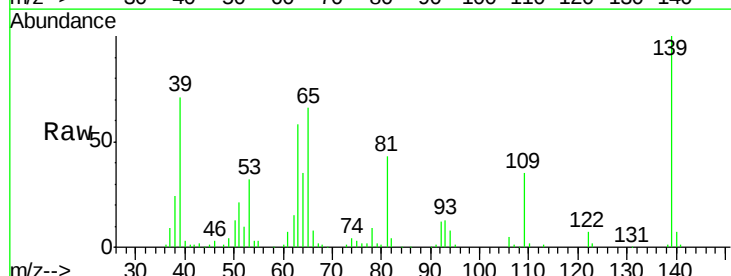
RT: 8.96 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:	139	Resp:	148861
Ion Ratio	Lower	Upper	
139	100		
109	34.6	19.5	29.3#
65	65.6	37.5	56.3#





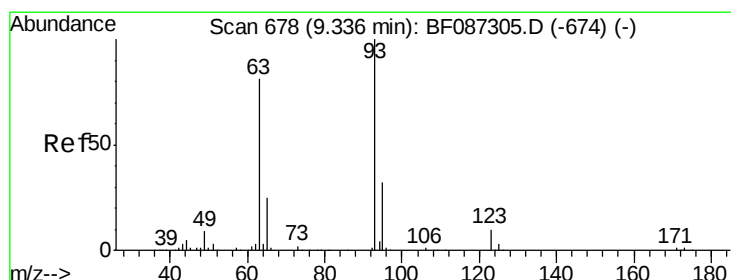
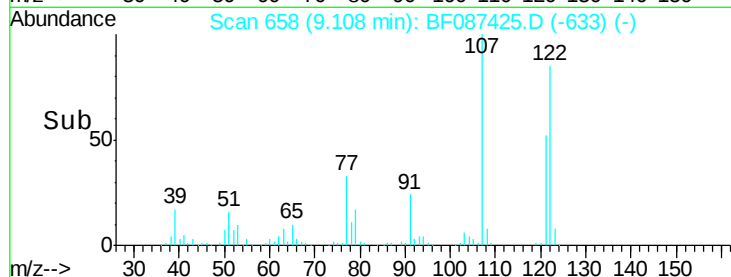
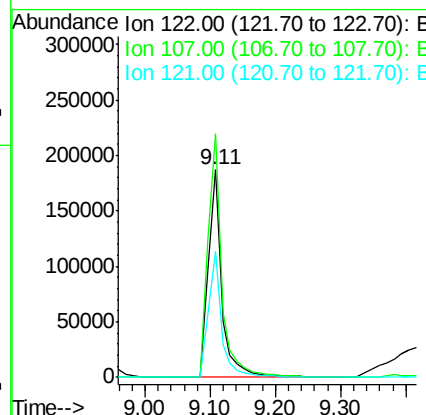
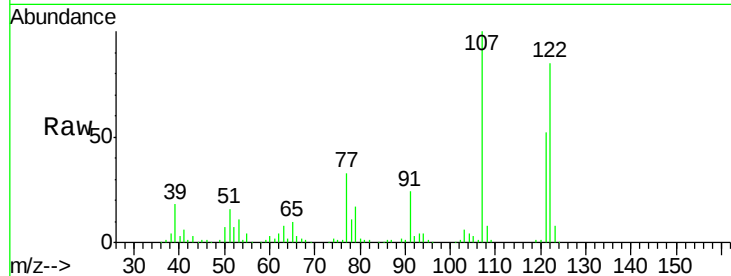
#27
2,4-Dimethylphenol
Concen: 39.11 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	266867		
107	117.4	82.0	123.0	
121	60.8	46.1	69.1	

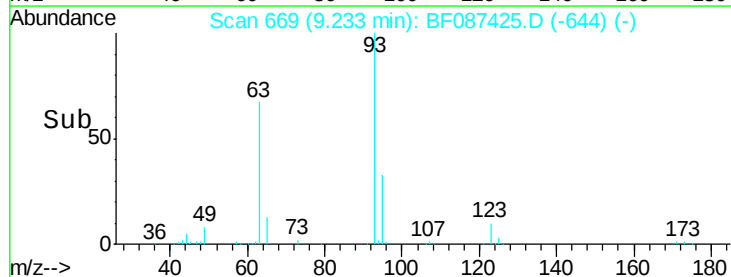
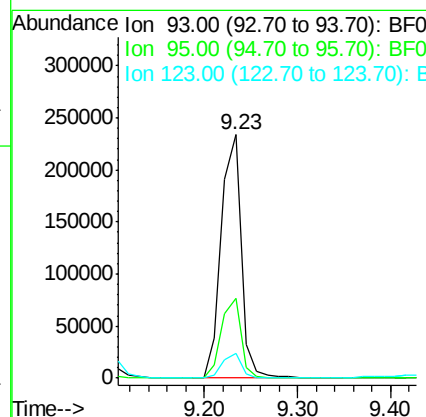
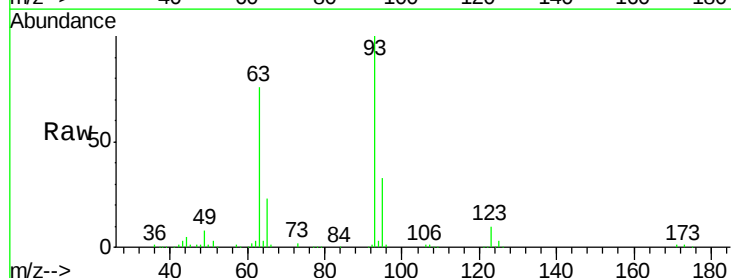
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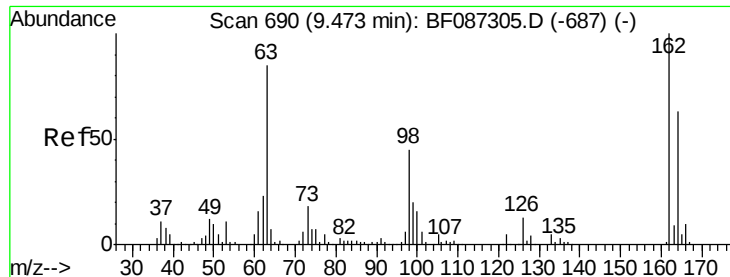
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#28
bis(2-Chloroethoxy)methane
Concen: 38.15 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	351046		
95	32.9	26.0	39.0	
123	10.3	9.5	14.3	





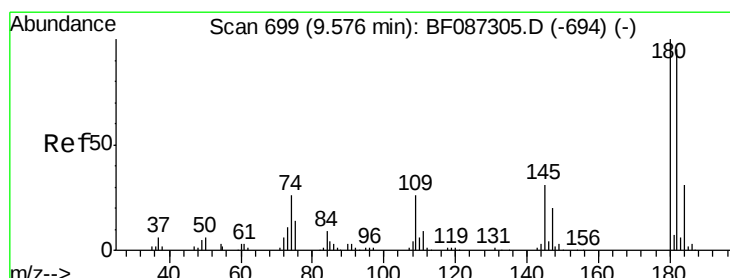
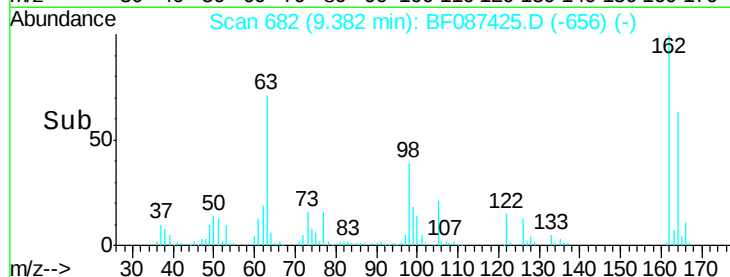
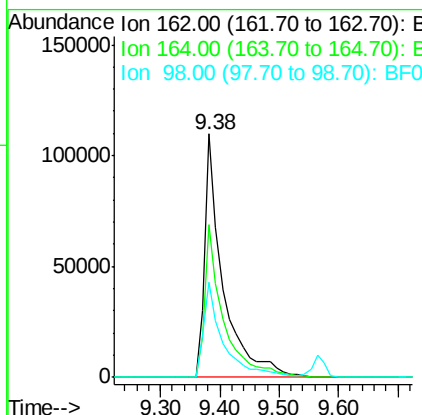
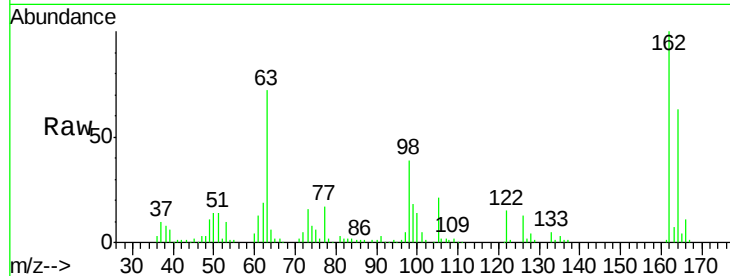
#29
2,4-Dichlorophenol
Concen: 38.91 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampled :
PB90866BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		239278		
164	63.0	42.2	82.2		
98	39.1	19.0	59.0		

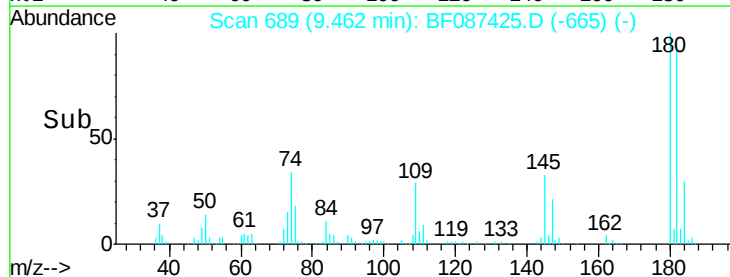
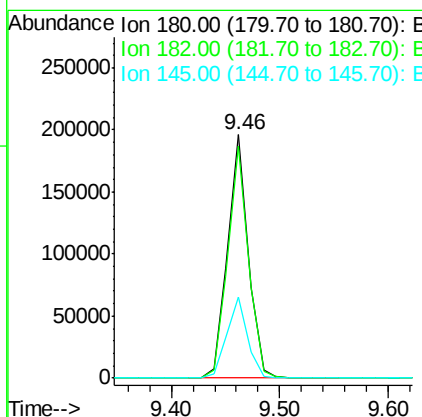
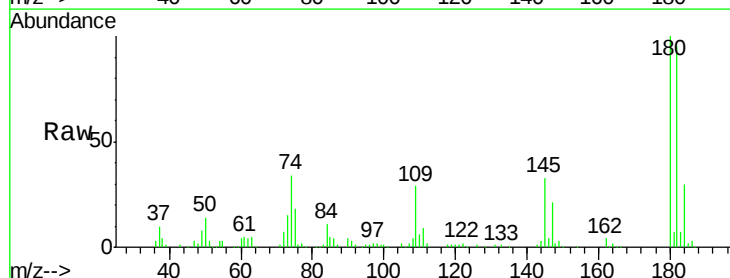
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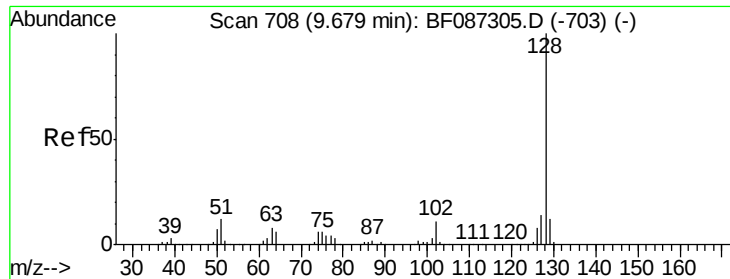
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#30
1,2,4-Trichlorobenzene
Concen: 36.41 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		256261		
182	95.3	78.0	117.0		
145	33.4	24.2	36.2		





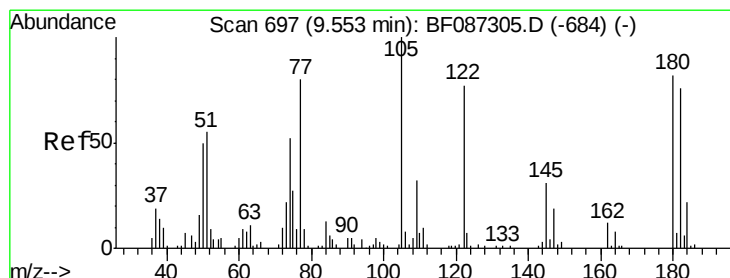
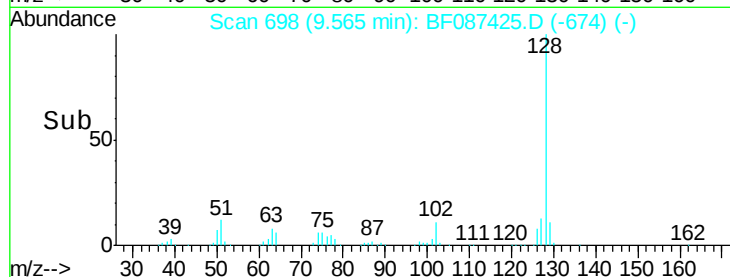
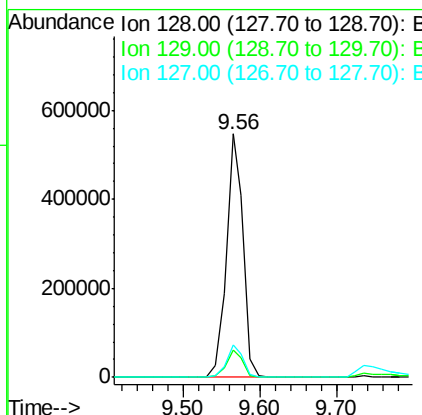
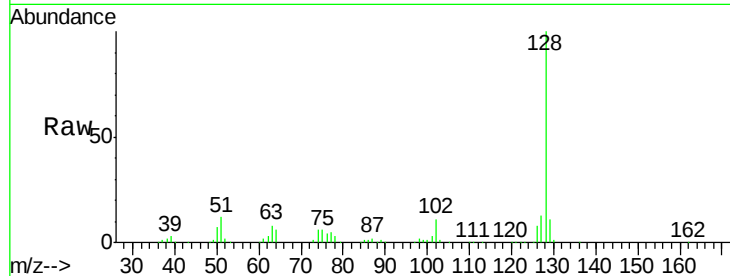
#31
Naphthalene
Concen: 36.53 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.6	13.0	
127	13.4	10.8	16.2	

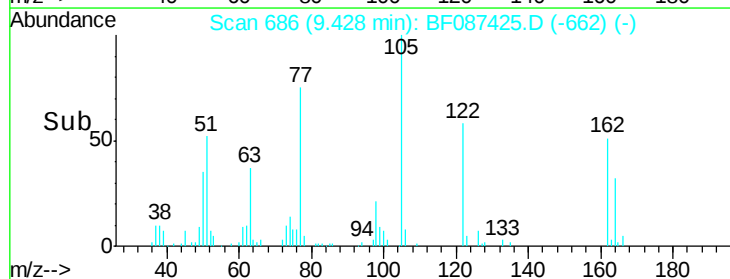
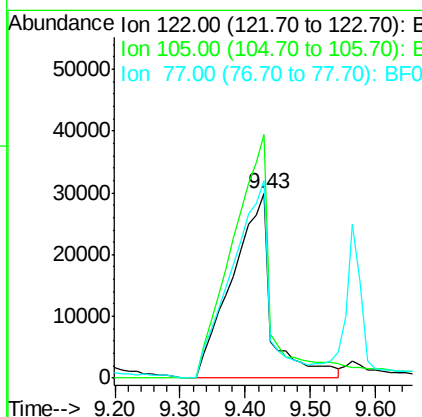
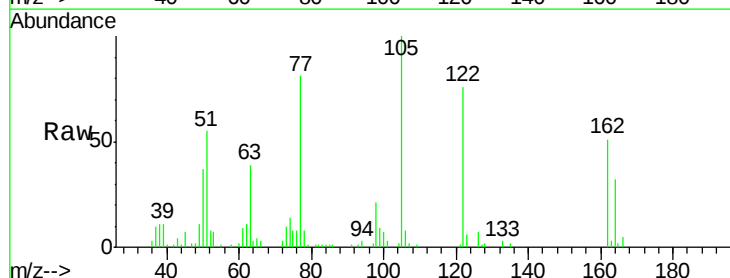
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#32
Benzoic acid
Concen: 37.33 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	132.1	92.6	132.6	
77	106.9	60.0	100.0	





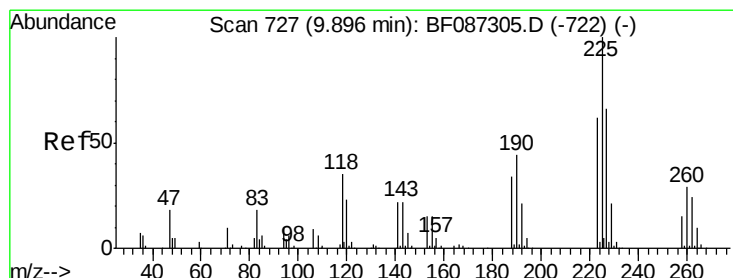
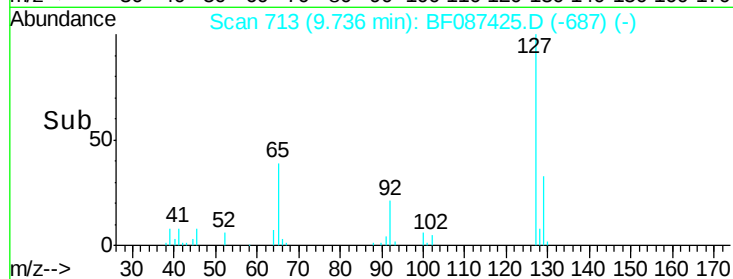
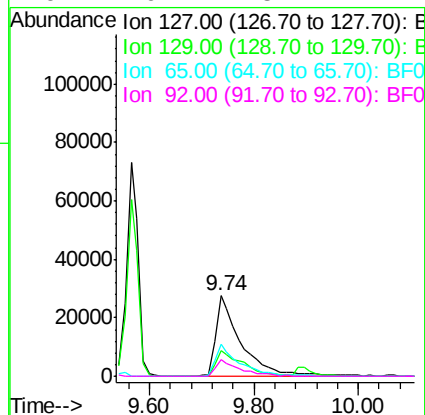
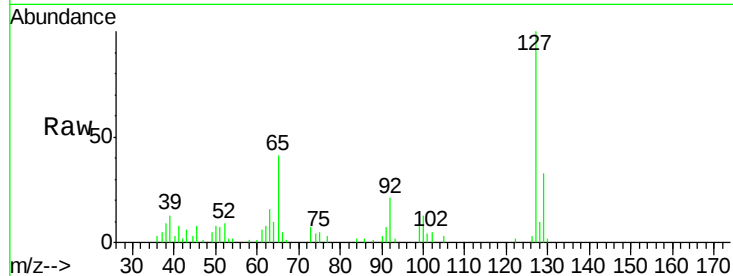
#33
4-Chloroaniline
Concen: 10.81 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampled :
PB90866BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.4		
65	40.7	23.0	34.4		
92	20.7	15.1	22.7		

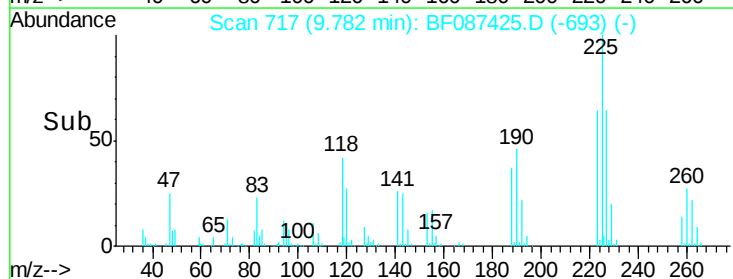
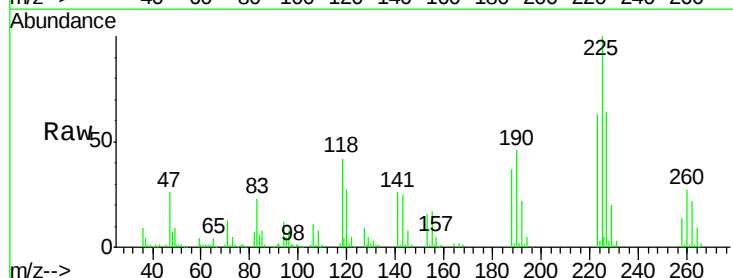
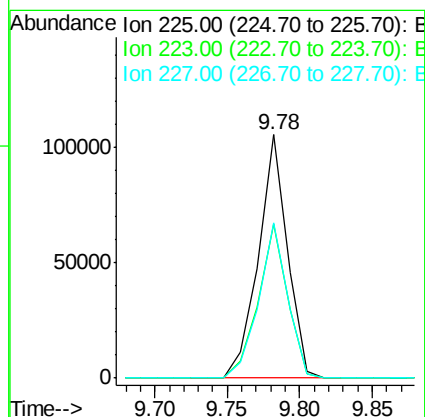
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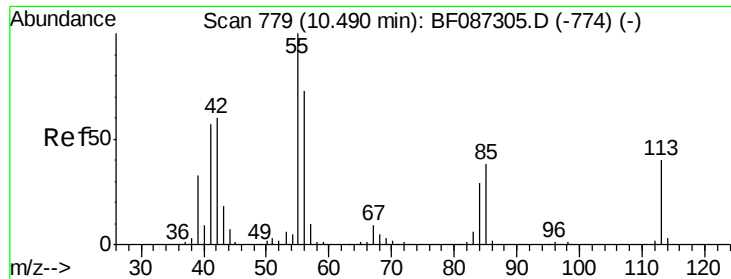
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#34
Hexachlorobutadiene
Concen: 34.24 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.5	77.3		
227	63.7	52.2	78.2		





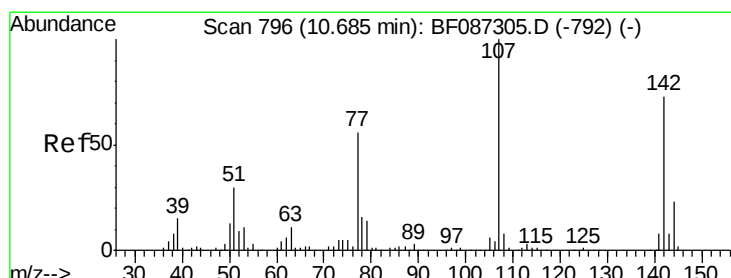
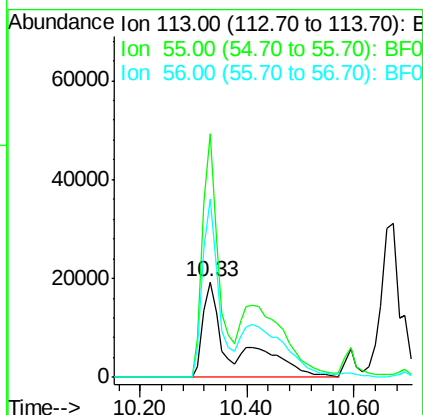
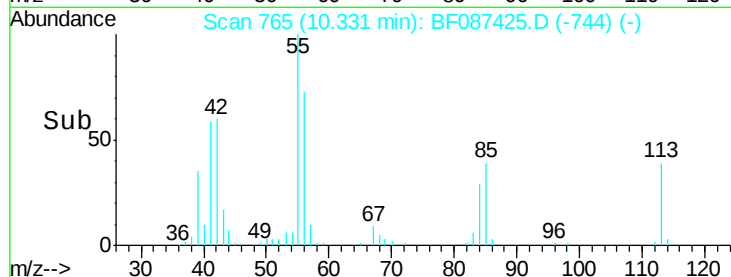
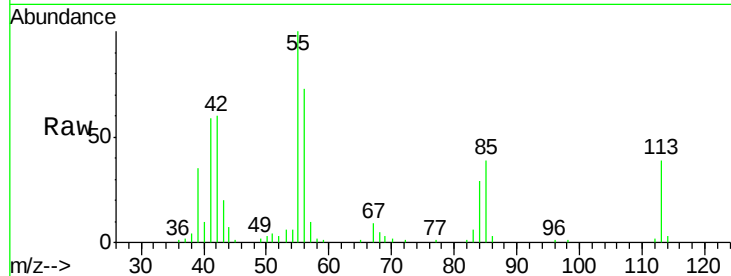
#35
Caprolactam
Concen: 41.99 ng/ml
RT: 10.33 min Scan# 765
Delta R.T. -0.06 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion:113 Resp: 75356
Ion Ratio Lower Upper
113 100
55 255.1 162.0 202.0#
56 186.7 115.3 155.3#

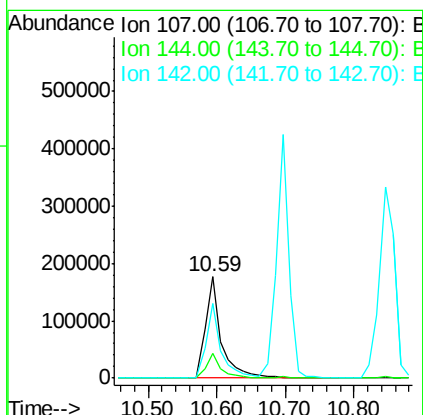
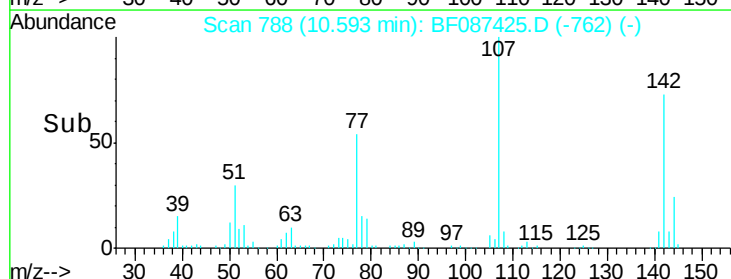
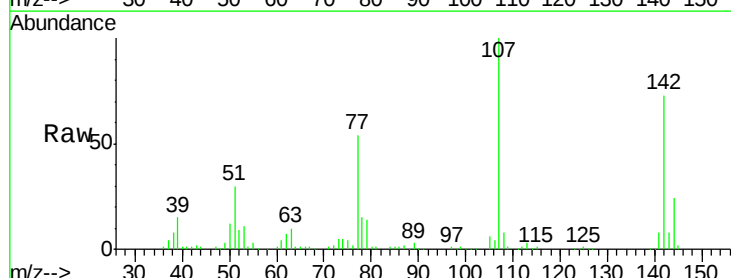
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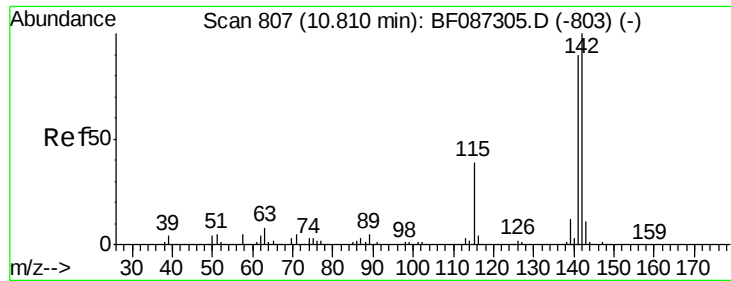
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#36
4-Chloro-3-methylphenol
Concen: 40.63 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion:107 Resp: 282471
Ion Ratio Lower Upper
107 100
144 23.9 20.7 31.1
142 73.4 63.2 94.8





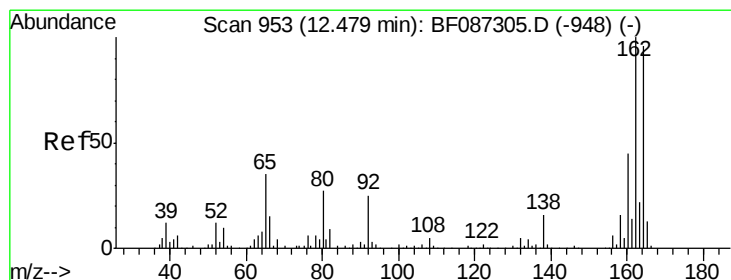
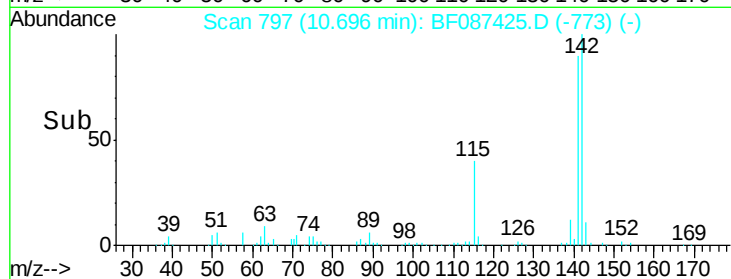
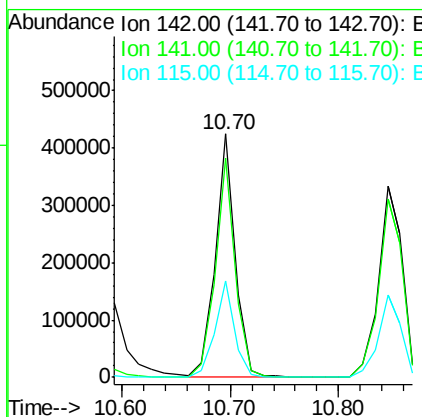
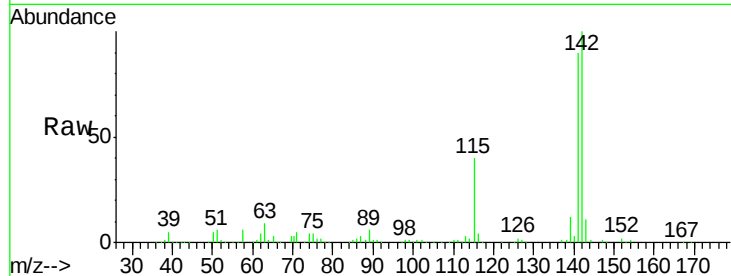
#37
2-Methylnaphthalene
Concen: 37.86 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	39.6	26.6	39.8

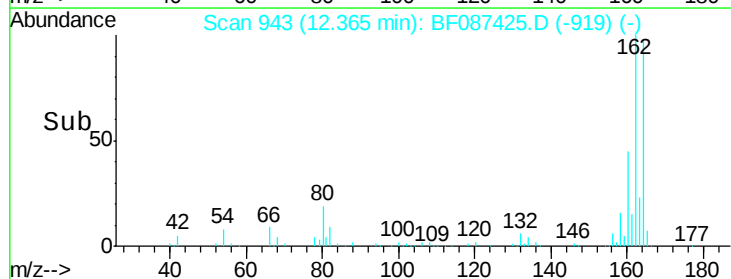
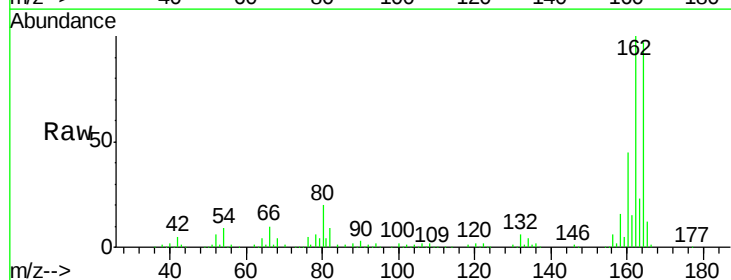
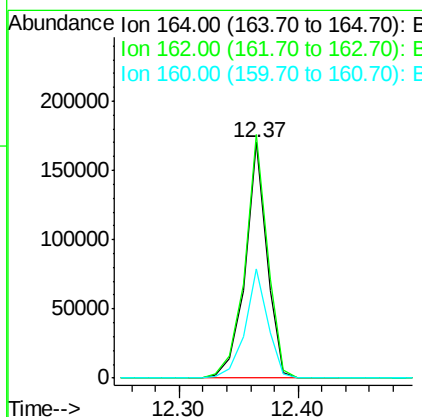
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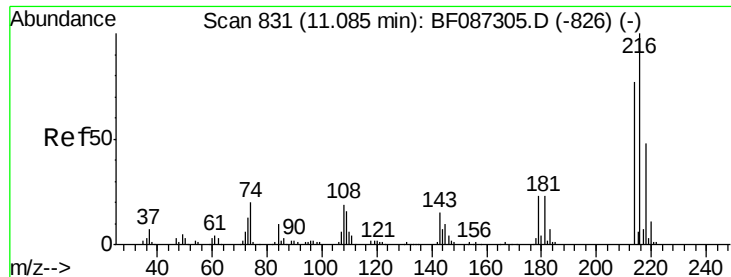
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.8	124.2
160	46.5	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.36 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

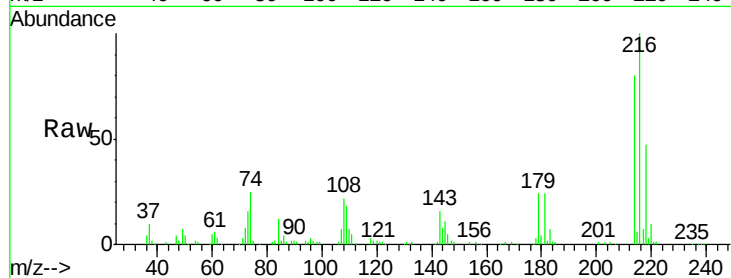
ClientSampled :

PB90866BS

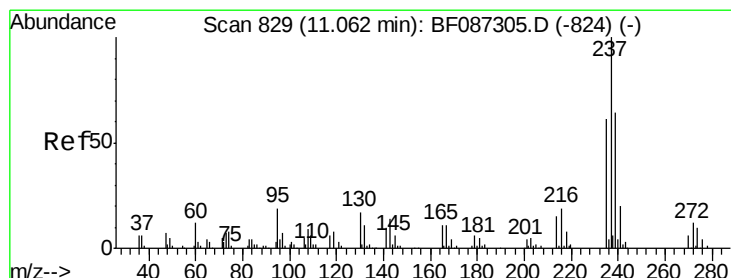
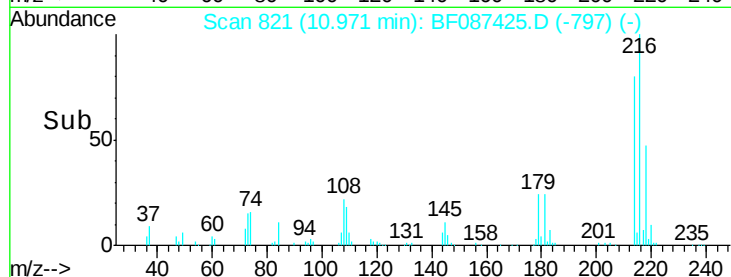
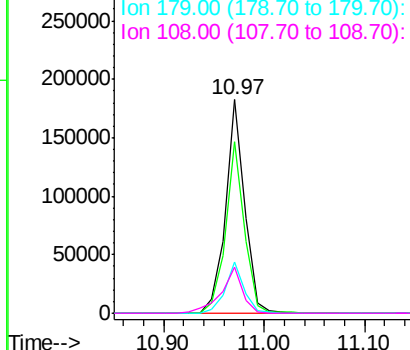
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.9	62.6	93.8		
179	23.4	18.2	27.4		
108	24.3	17.5	26.3		



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: 63.81 ng

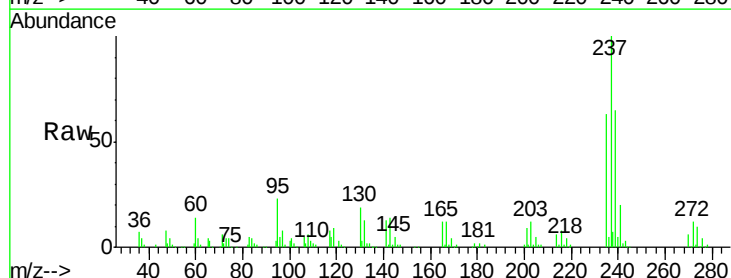
RT: 10.95 min Scan# 819

Delta R.T. -0.01 min

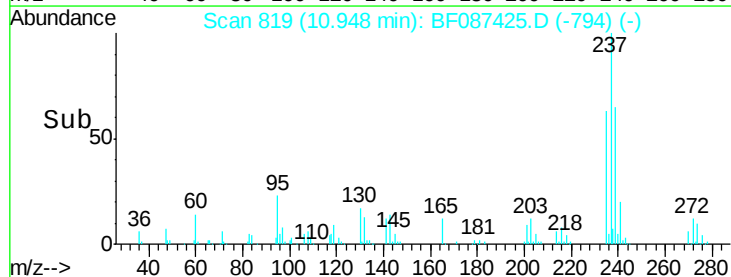
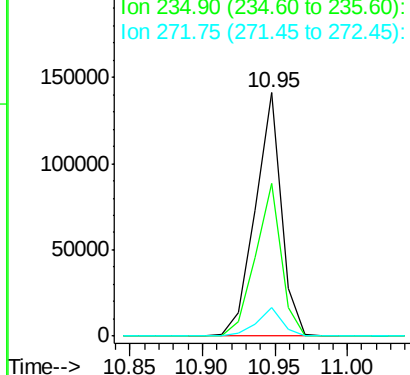
Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.6	47.2	87.2		
272	11.7	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: 113.20 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

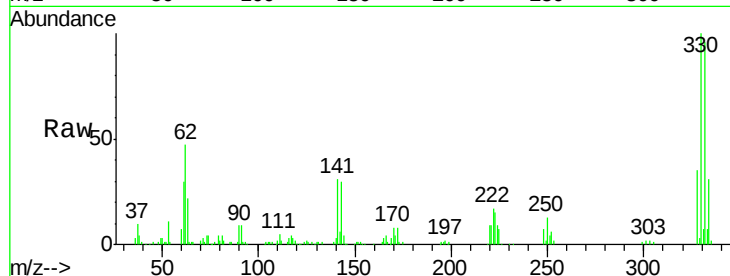
ClientSampleId :

PB90866BS

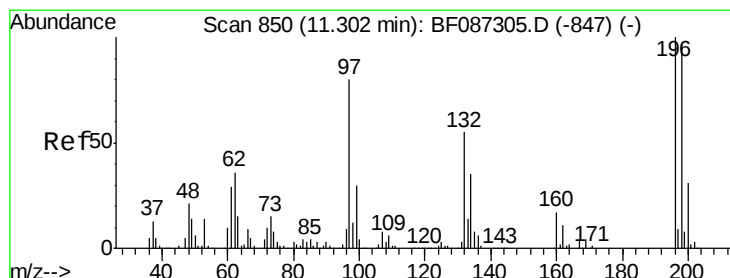
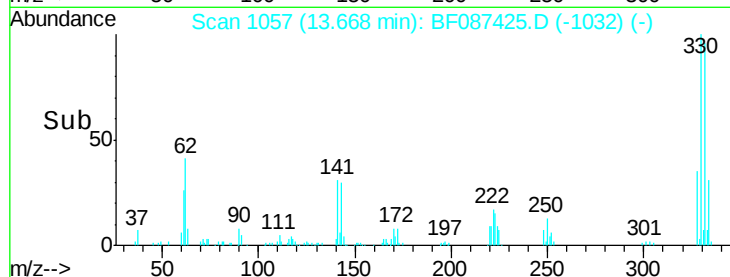
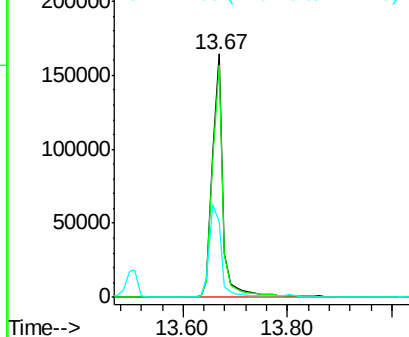
Tot Ion:	330	Resp:	236825
Ion Ratio	Lower	Upper	
330	100		
332	96.0	79.0	118.4
141	43.1	31.2	46.8

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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: 35.38 ng

RT: 11.20 min Scan# 841

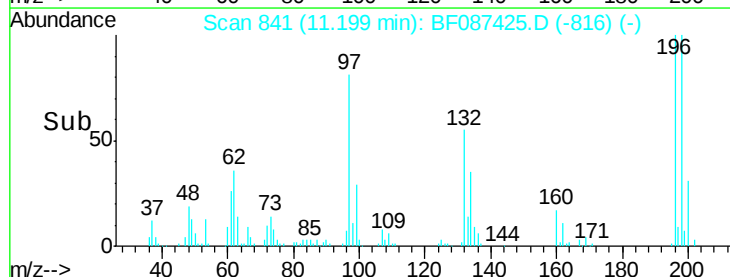
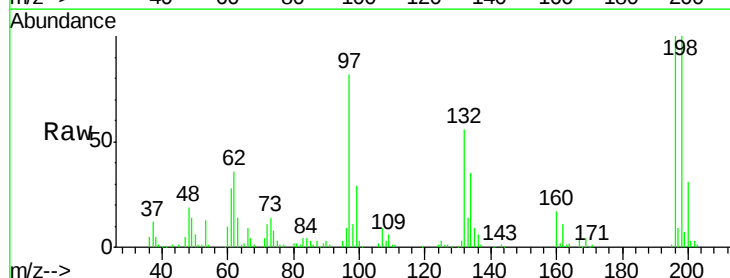
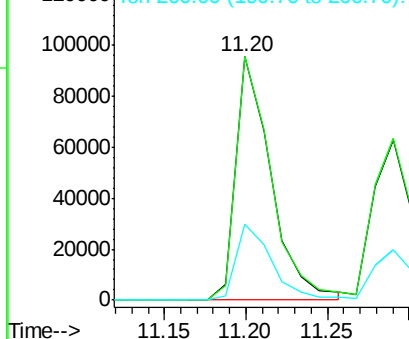
Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:	196	Resp:	142312
Ion Ratio	Lower	Upper	
196	100		
198	99.9	74.7	112.1
200	31.3	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





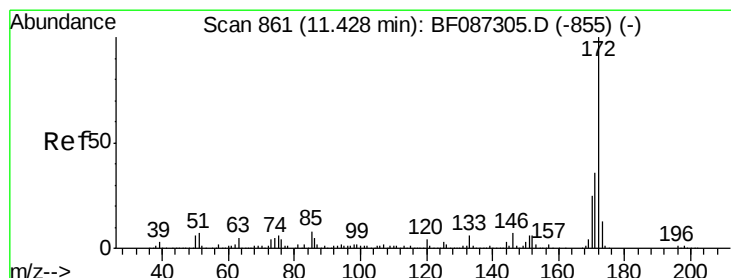
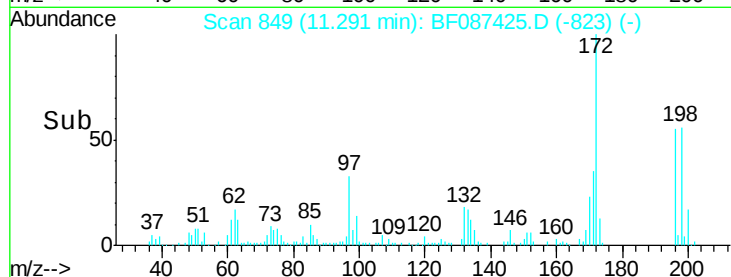
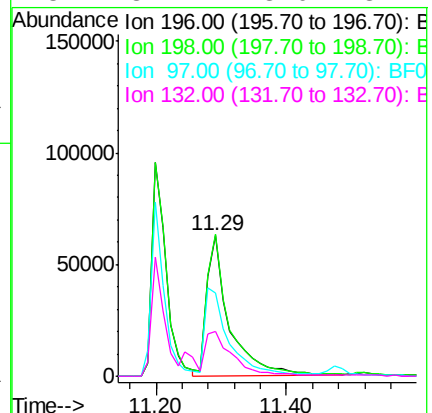
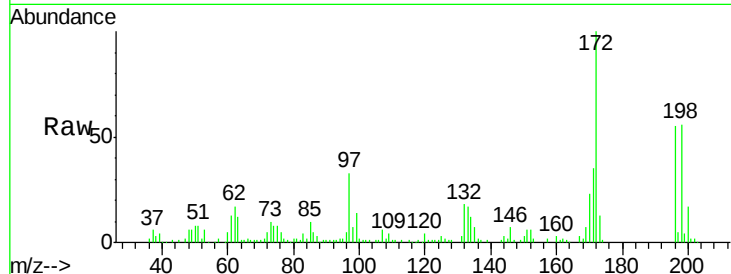
#43
 2,4,5-Trichlorophenol
 Concen: 35.94 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Instrument :
 BNA_F
 ClientSampled :
 PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	147208		
198	101.2	77.5	116.3	
97	59.5	34.8	52.2	
132	32.1	23.0	34.4	

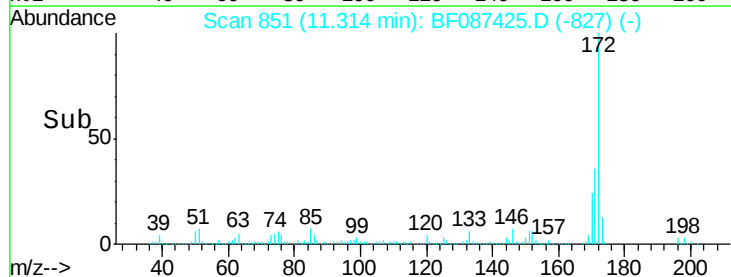
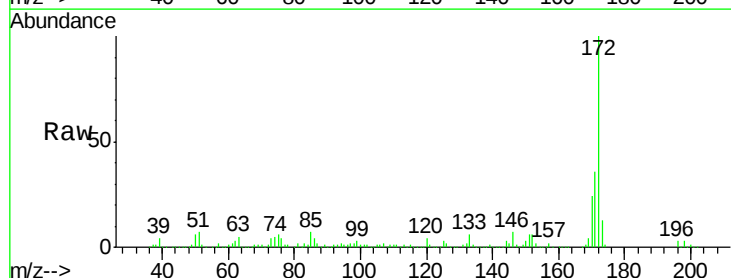
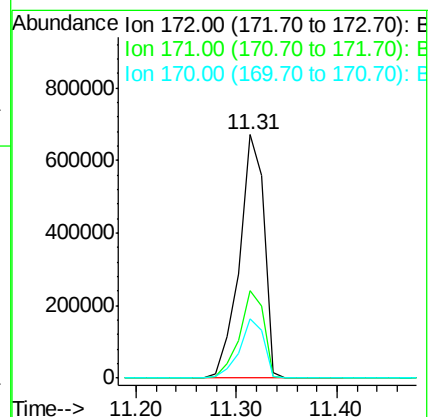
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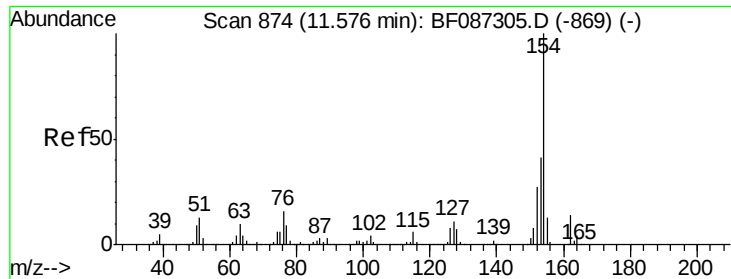
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#44
 2-Fluorobiphenyl
 Concen: 73.93 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1141660		
171	35.8	29.0	43.6	
170	24.3	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 37.09 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

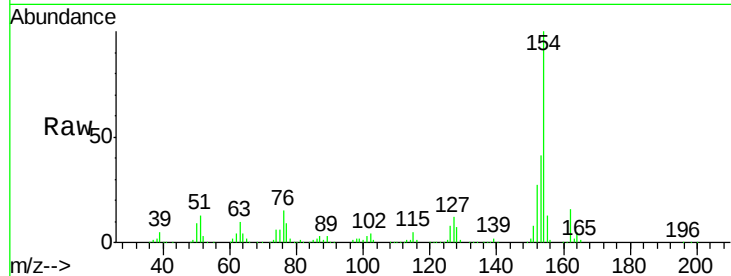
ClientSampleId :

PB90866BS

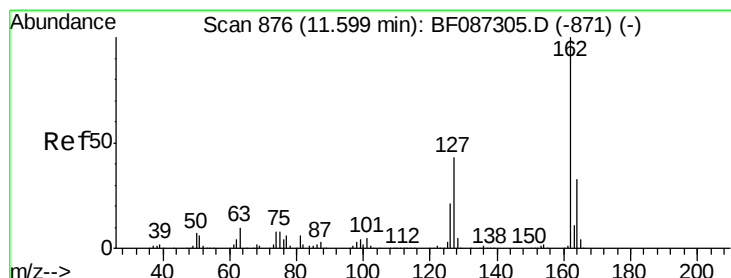
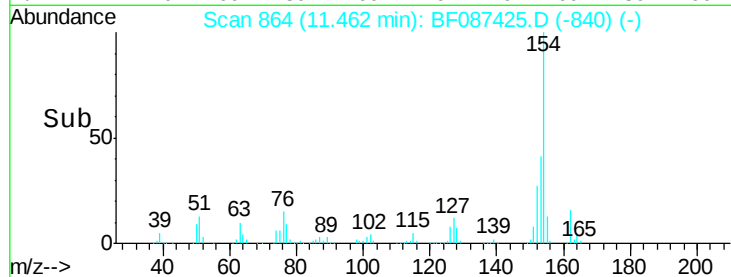
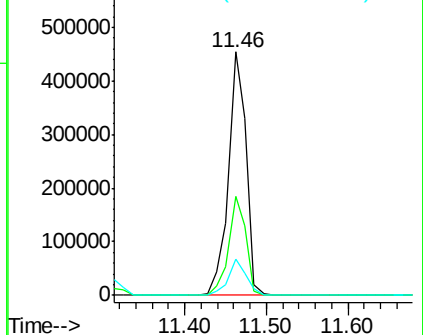
Tot Ion:	154	Resp:	679870
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.3	60.3
76	15.1	0.0	30.2

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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: 36.23 ng

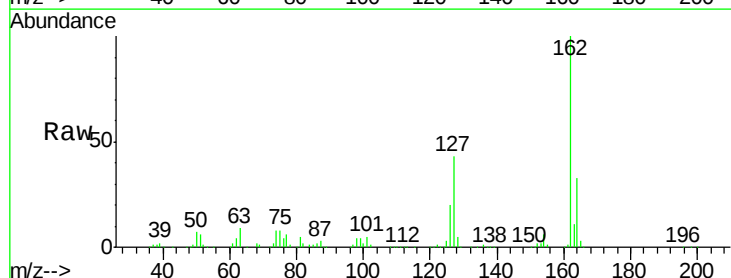
RT: 11.48 min Scan# 866

Delta R.T. -0.01 min

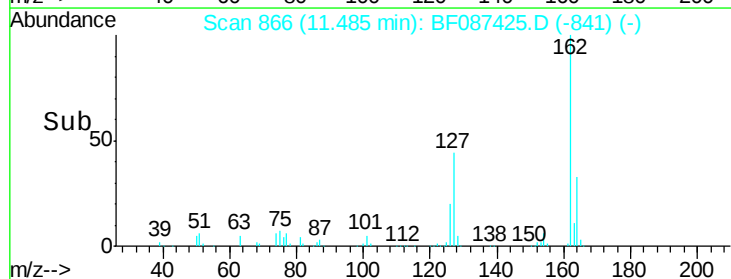
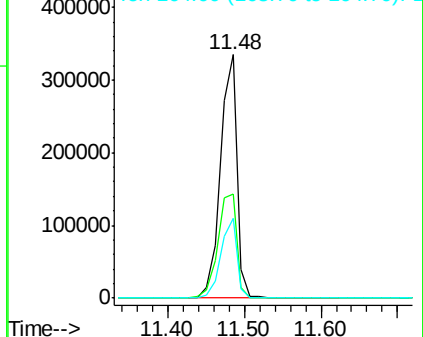
Lab File: BF087425.D

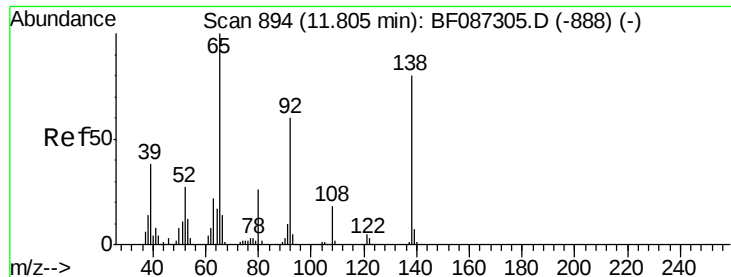
Acq: 27 May 2016 00:43

Tgt Ion:	162	Resp:	508121
Ion Ratio	Lower	Upper	
162	100		
127	42.7	31.8	47.6
164	32.5	27.0	40.6



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





#47

2-Nitroaniline

Concen: 41.06 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

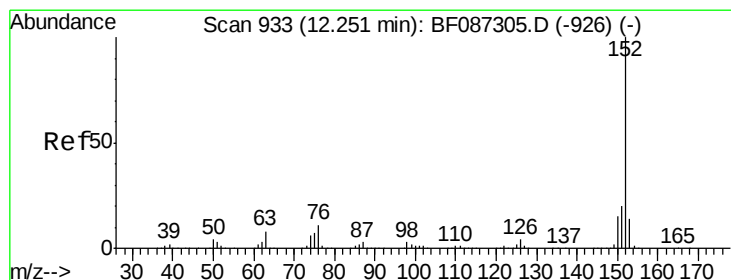
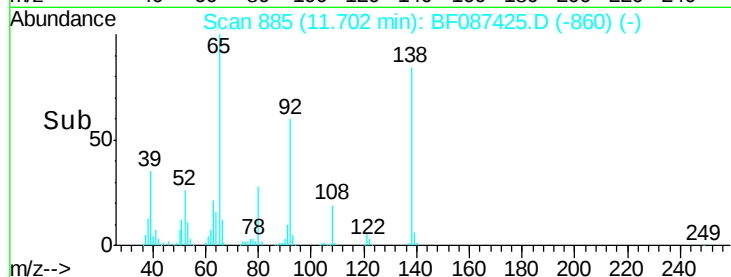
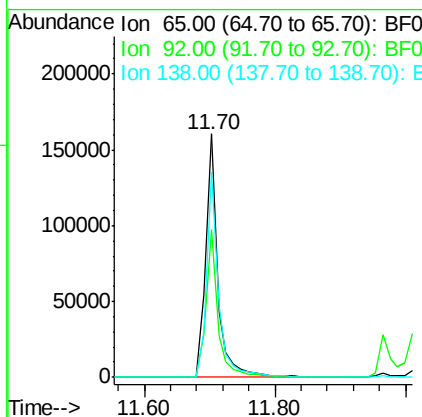
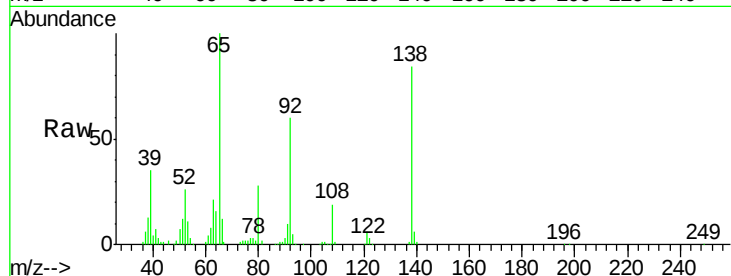
PB90866BS

Tot Ion: 65 Resp: 207476
Ion Ratio Lower Upper

65	100		
92	60.4	57.4	86.2
138	84.2	90.1	135.1#

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#48

Acenaphthylene

Concen: 36.89 ng

RT: 12.14 min Scan# 923

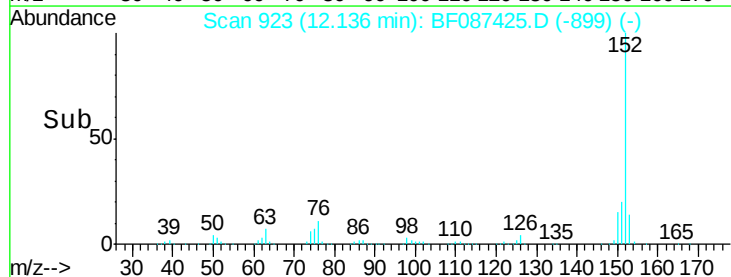
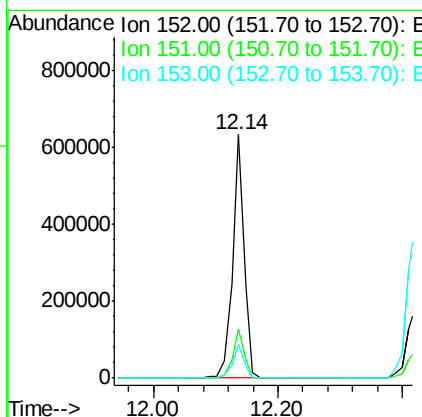
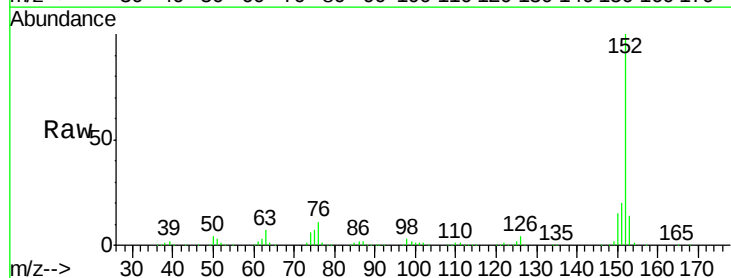
Delta R.T. -0.02 min

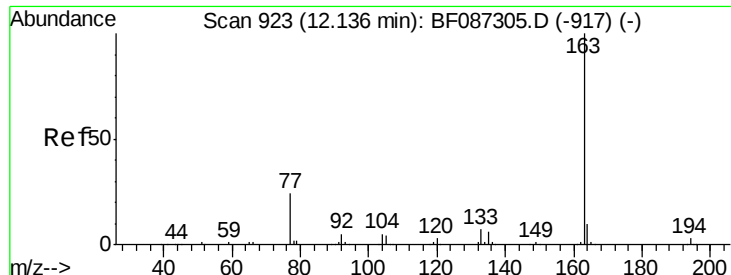
Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion: 152 Resp: 818959
Ion Ratio Lower Upper

152	100		
151	20.4	16.8	25.2
153	13.8	10.9	16.3





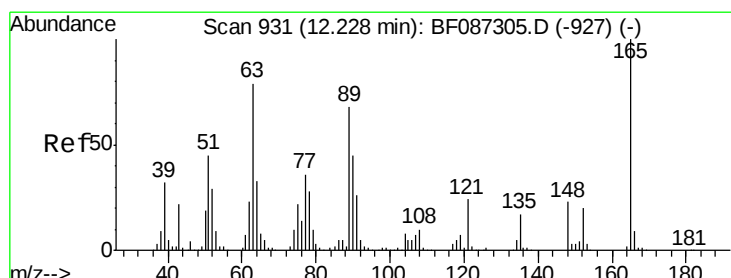
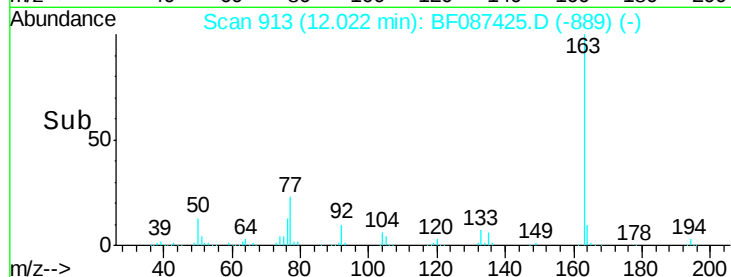
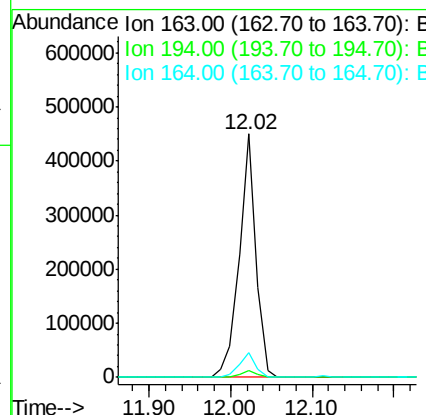
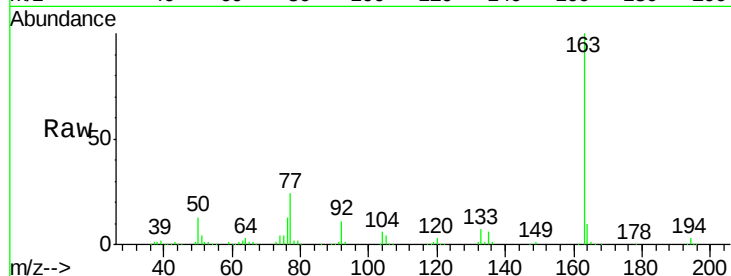
#49
Dimethylphthalate
Concen: 36.88 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	643269		
194	3.0	2.6	4.0	
164	10.1	8.2	12.4	

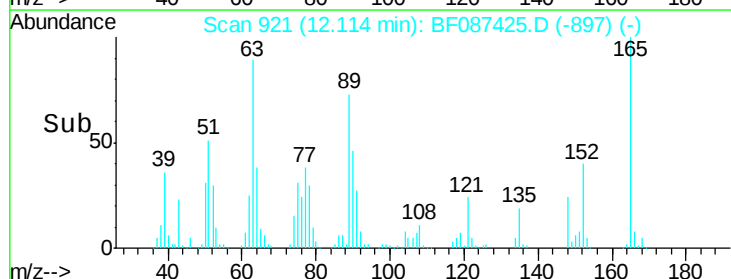
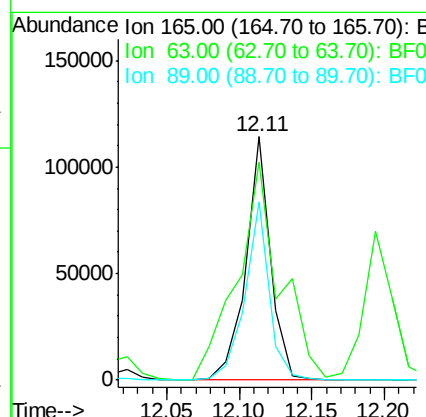
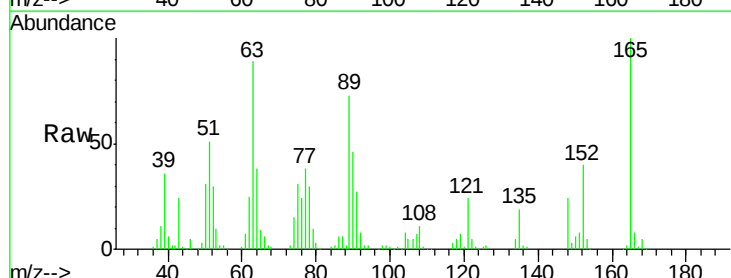
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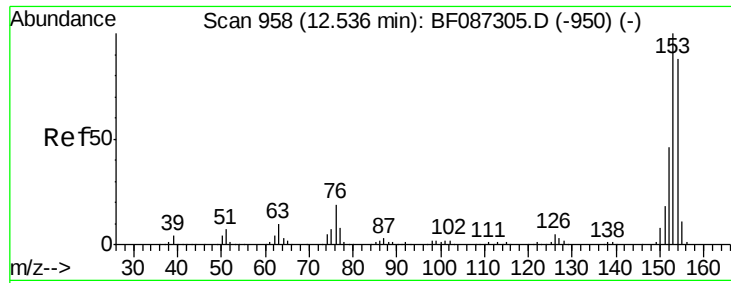
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#50
2,6-Dinitrotoluene
Concen: 38.31 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	134634		
63	89.5	51.8	77.8#	
89	73.0	50.7	76.1	





#51

Acenaphthene

Concen: 37.04 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

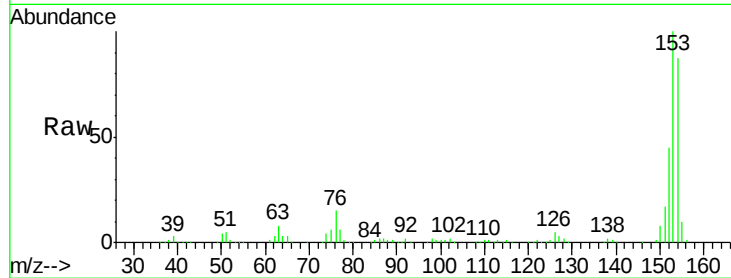
ClientSampleId :

PB90866BS

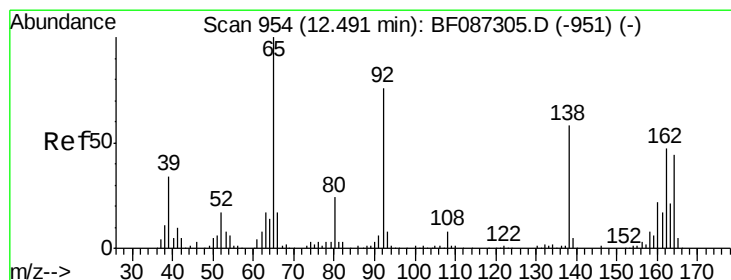
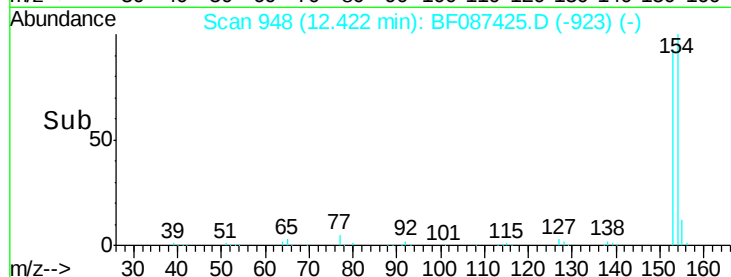
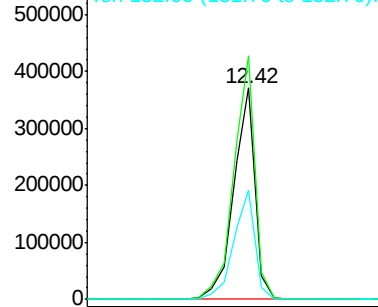
Tot Ion:	154	Resp:	505472
Ion Ratio	Lower	Upper	
154	100		
153	115.2	89.8	134.6
152	51.9	43.4	65.0

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



#52

3-Nitroaniline

Concen: 17.87 ng

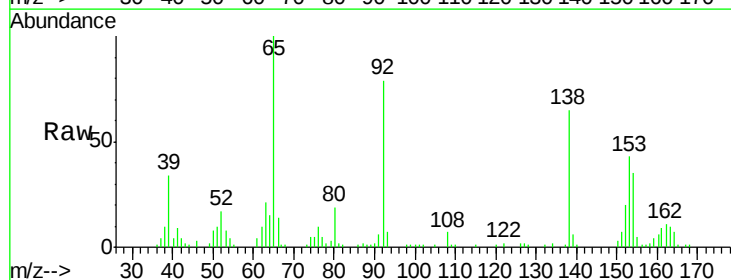
RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

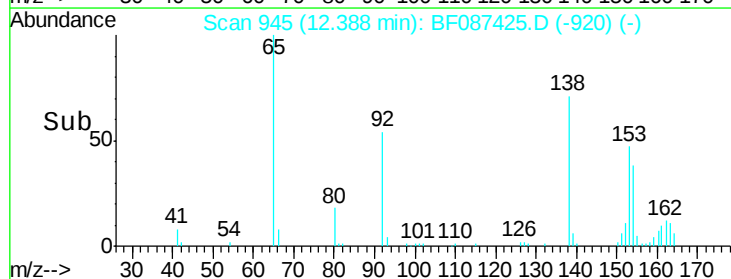
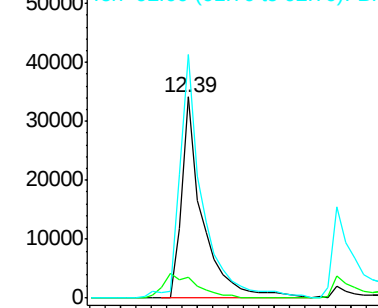
Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:	138	Resp:	64435
Ion Ratio	Lower	Upper	
138	100		
108	10.6	7.8	11.6
92	121.3	87.8	131.8



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





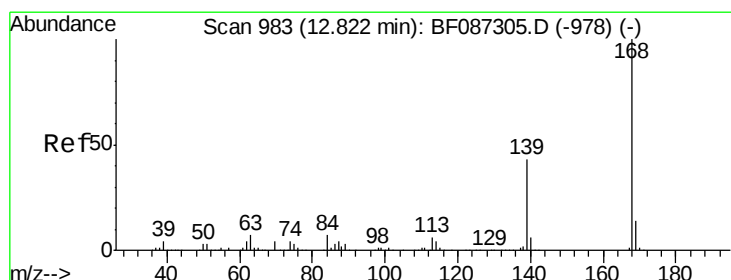
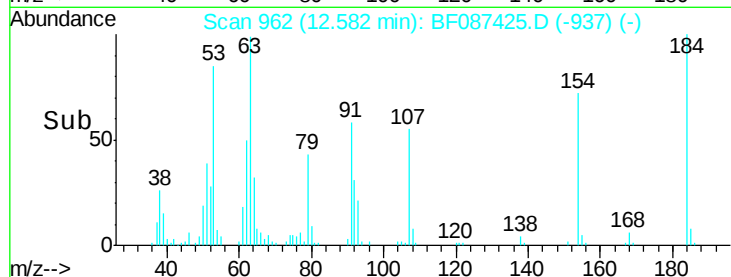
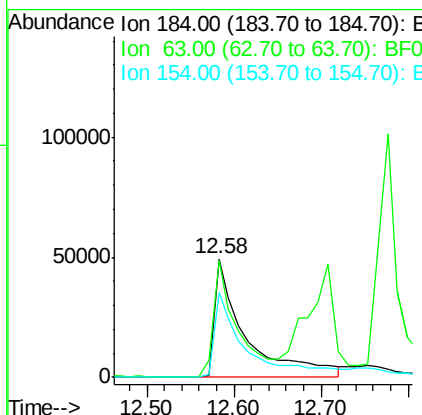
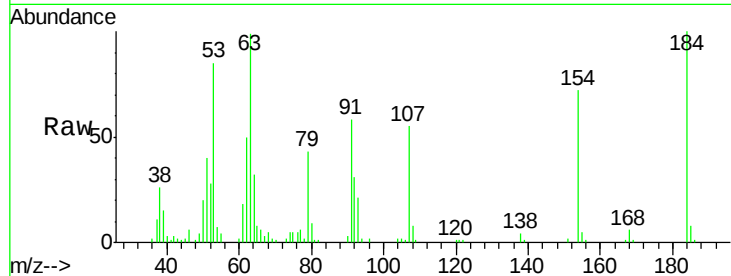
#53
2,4-Dinitrophenol
Concen: 69.21 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampled :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	122747		
63	99.4	55.8	83.8#	
154	72.3	62.4	93.6	

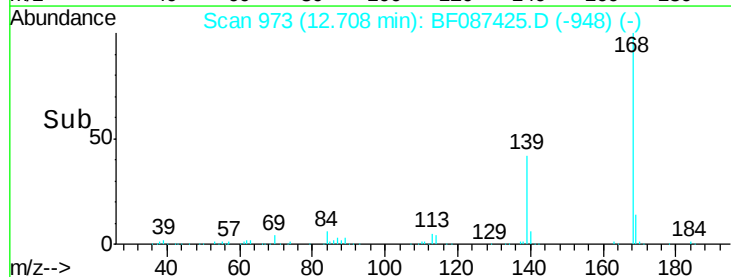
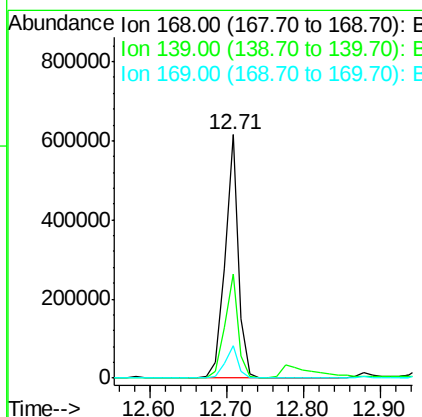
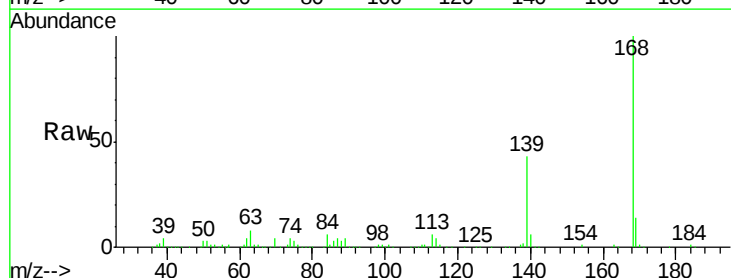
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#54
Dibenzofuran
Concen: 40.77 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	753253		
139	42.7	31.4	47.0	
169	13.5	10.7	16.1	





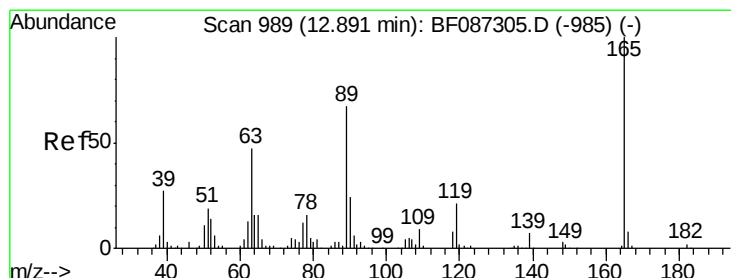
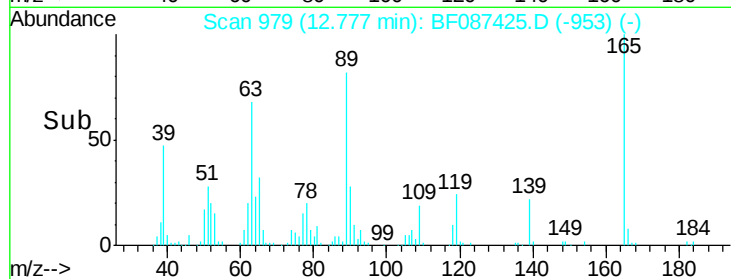
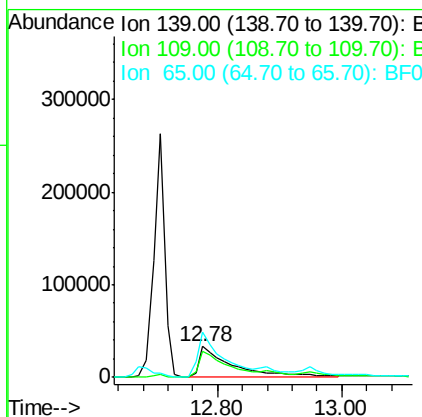
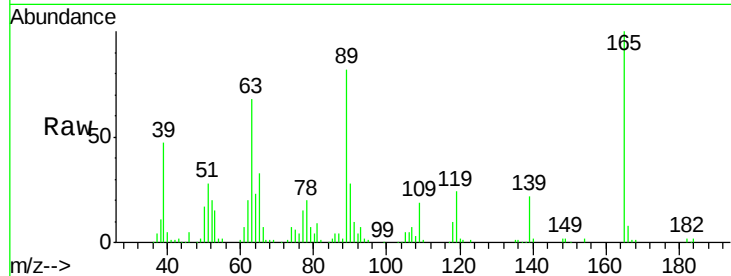
#55
4-Nitrophenol
Concen: 68.41 ng
RT: 12.78 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	117695		
109	86.1	36.9	76.9#	
65	146.3	64.0	104.0#	

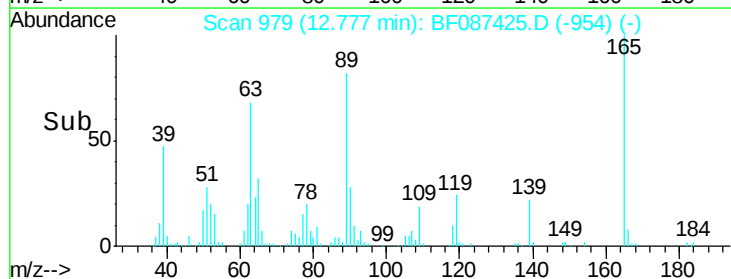
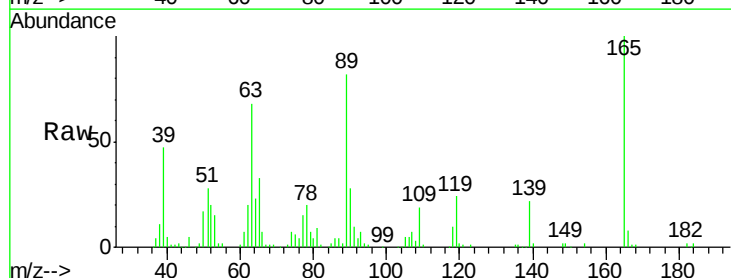
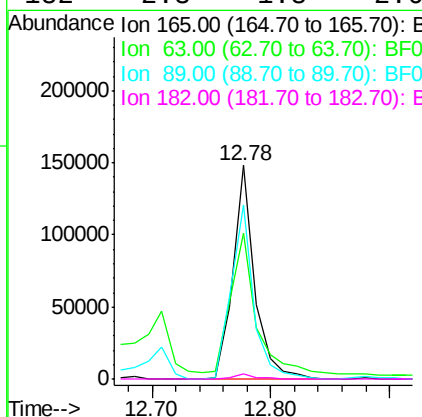
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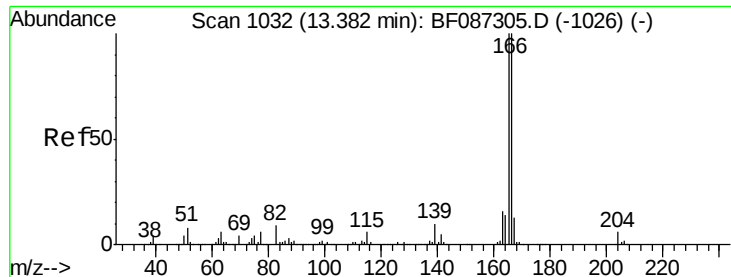
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#56
2,4-Dinitrotoluene
Concen: 40.09 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	188287		
63	68.4	44.3	66.5#	
89	81.8	70.0	105.0	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 37.87 ng

RT: 13.26 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

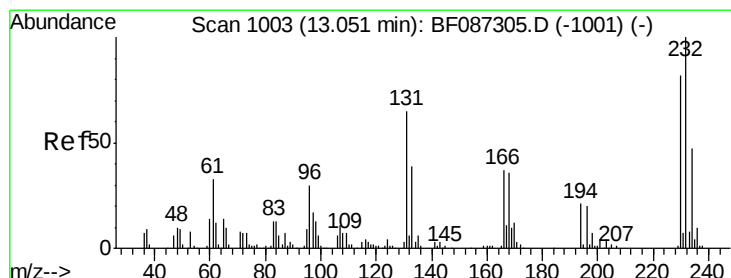
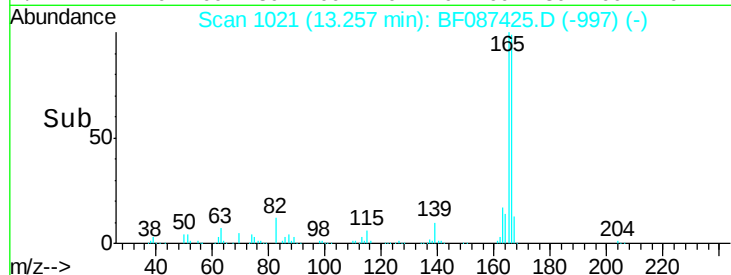
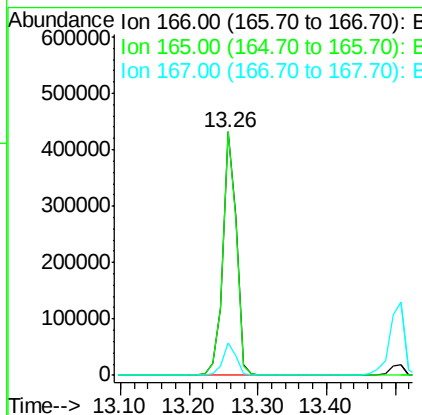
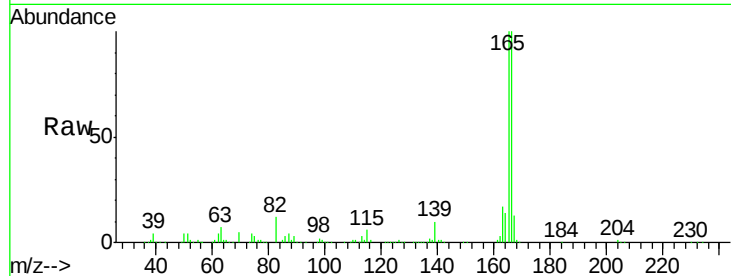
ClientSampleId :

PB90866BS

Tot Ion:	166	Resp:	606691
Ion Ratio	Lower	Upper	
166	100		
165	99.9	79.0	118.6
167	13.5	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.98 ng

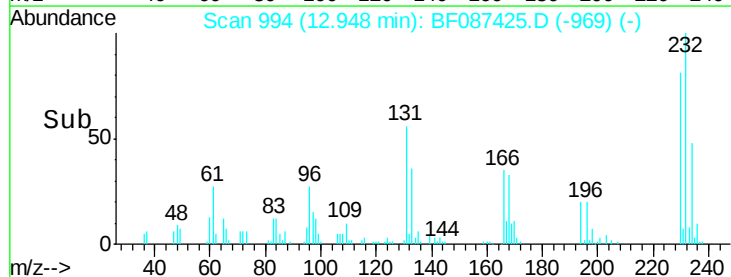
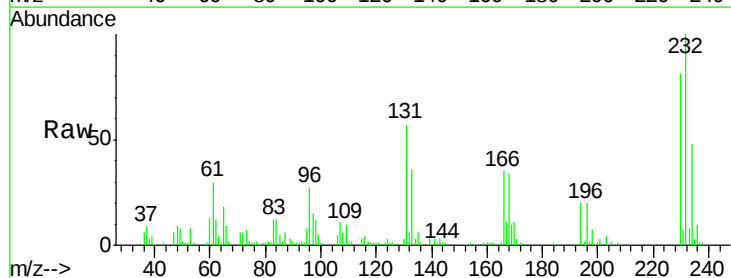
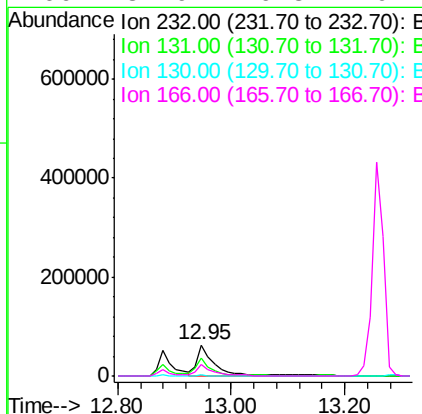
RT: 12.95 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:	232	Resp:	129148
Ion Ratio	Lower	Upper	
232	100		
131	54.0	41.9	62.9
130	3.0	2.2	3.4
166	31.9	26.8	40.2





#59

Diethylphthalate

Concen: 37.19 ng

RT: 13.17 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

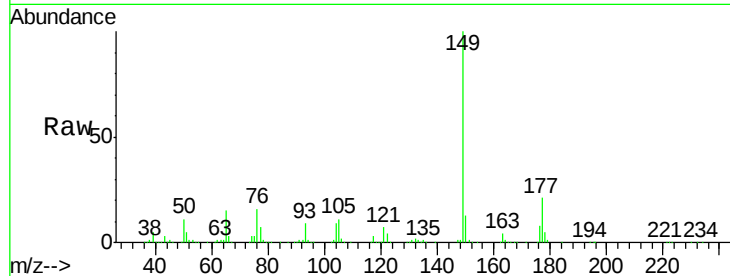
ClientSampleId :

PB90866BS

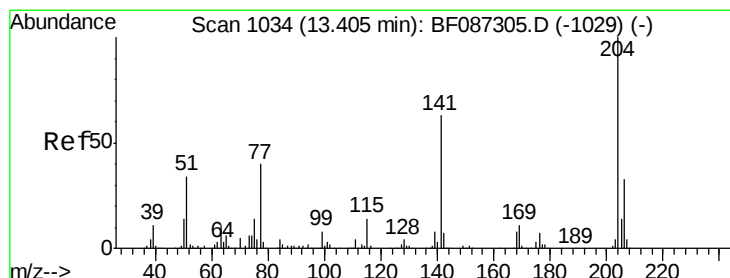
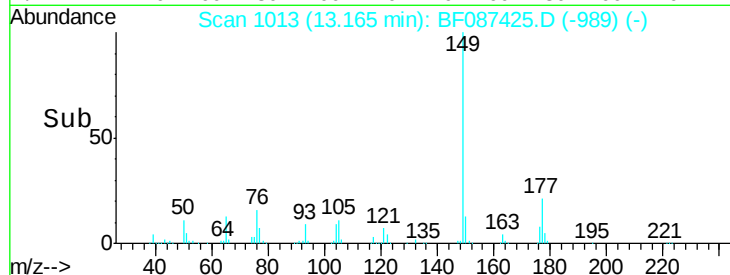
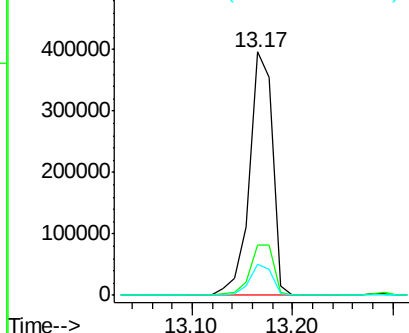
Tot Ion:	149	Resp:	630627
Ion Ratio	Lower	Upper	
149	100		
177	20.6	16.6	24.8
150	12.8	10.0	15.0

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



#60

4-Chlorophenyl-phenylether

Concen: 36.44 ng

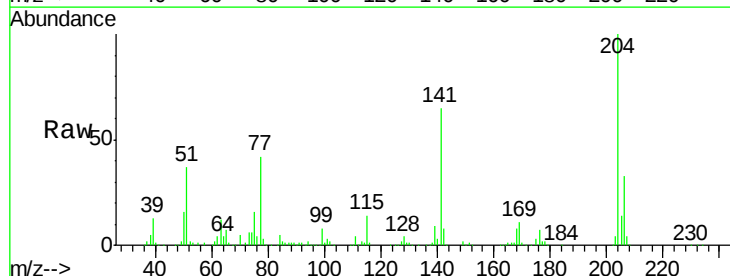
RT: 13.29 min Scan# 1024

Delta R.T. -0.01 min

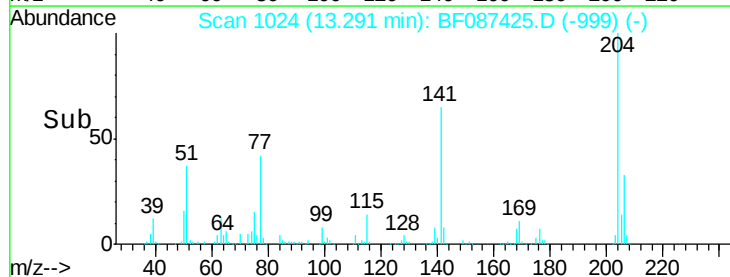
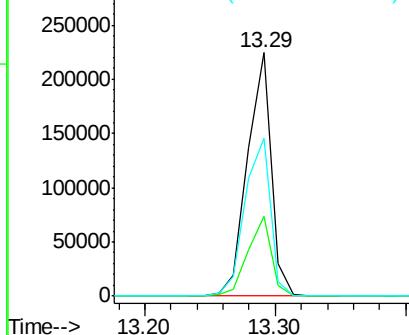
Lab File: BF087425.D

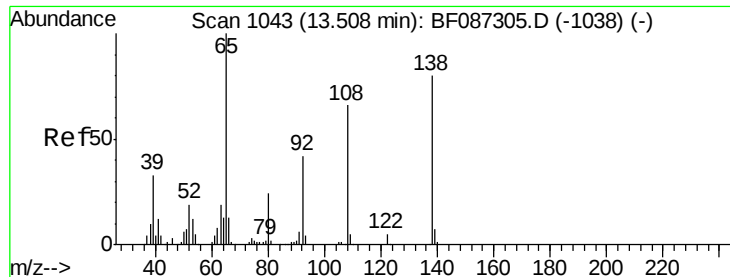
Acq: 27 May 2016 00:43

Tgt Ion:	204	Resp:	284695
Ion Ratio	Lower	Upper	
204	100		
206	32.6	25.4	38.0
141	65.0	61.6	92.4



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





#61

4-Nitroaniline

Concen: 37.69 ng

RT: 13.38 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

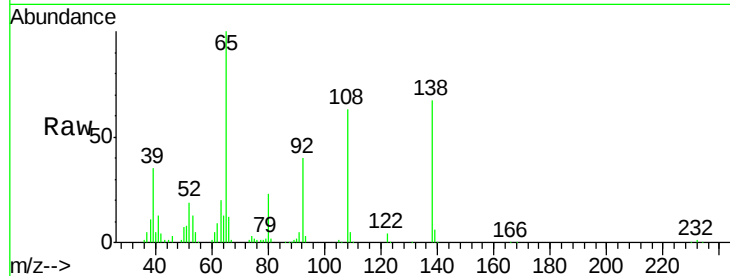
ClientSampleId :

PB90866BS

Tot Ion:	138	Resp:	126887
Ion	Ratio	Lower	Upper
138	100		
92	60.2	24.7	64.7
108	94.9	37.4	77.4#

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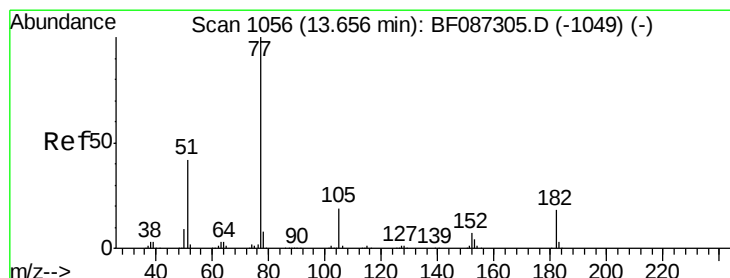
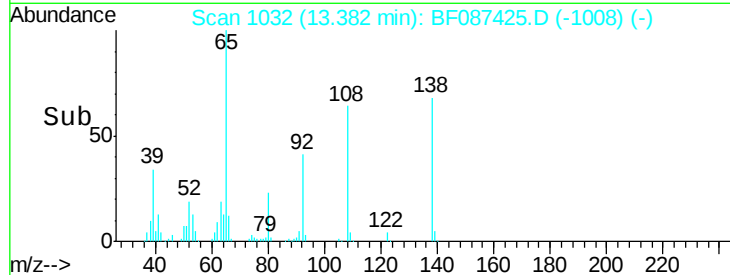
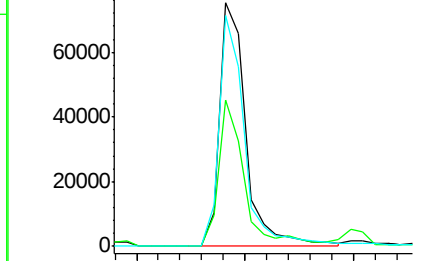
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.06 ng

RT: 13.54 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

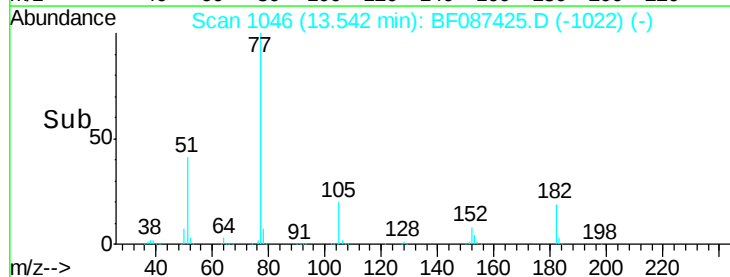
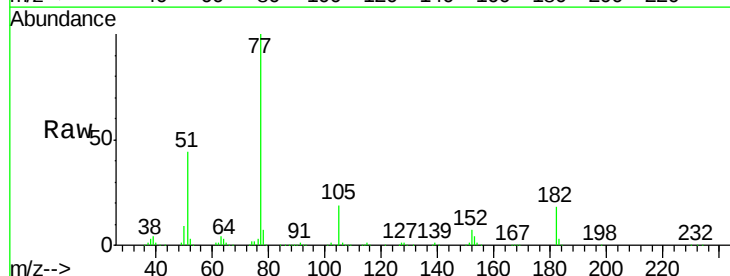
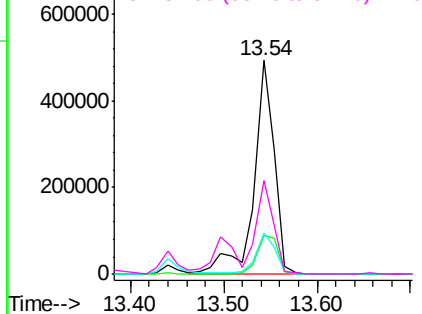
Tgt Ion:	77	Resp:	739795
Ion	Ratio	Lower	Upper
77	100		
182	18.0	0.0	38.8
105	19.3	3.2	43.2
51	43.9	8.8	48.8

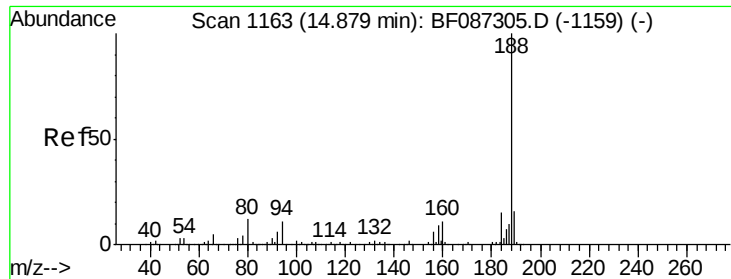
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

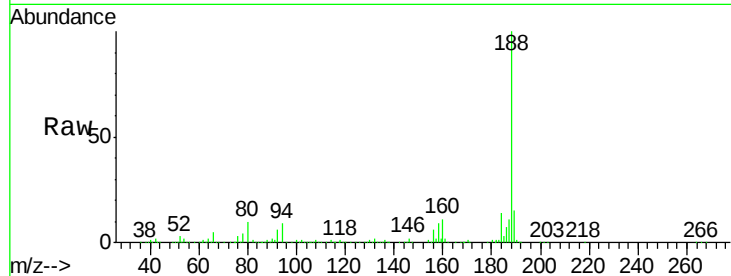
ClientSampleId :

PB90866BS

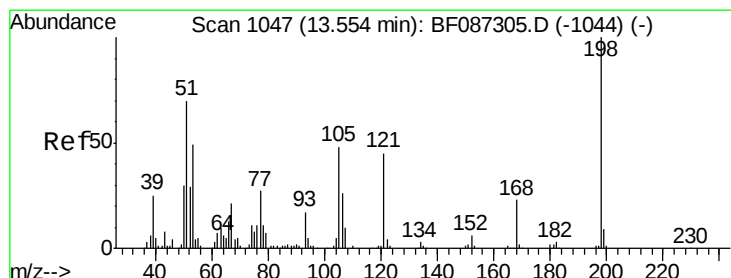
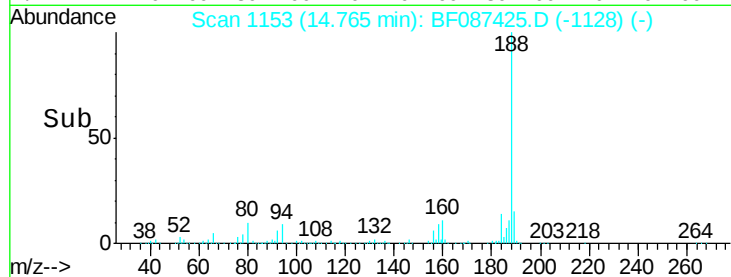
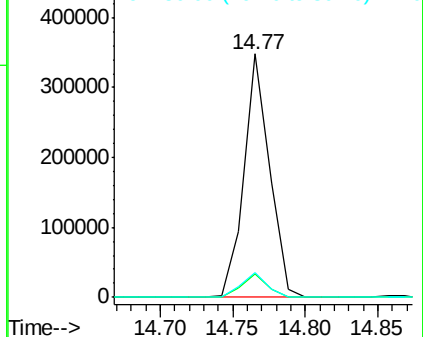
Tot Ion:188	Resp:	427587
Ion Ratio	Lower	Upper
188 100		
94 9.5	6.8	10.2
80 10.4	7.1	10.7

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 35.57 ng

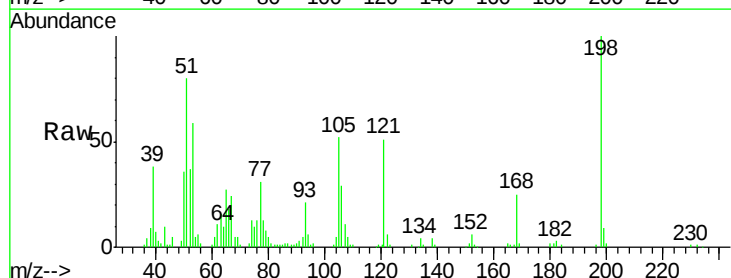
RT: 13.44 min Scan# 1037

Delta R.T. -0.01 min

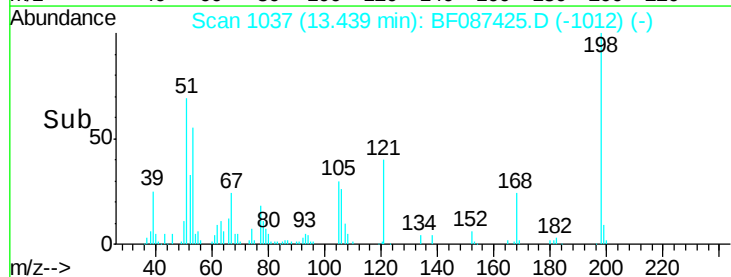
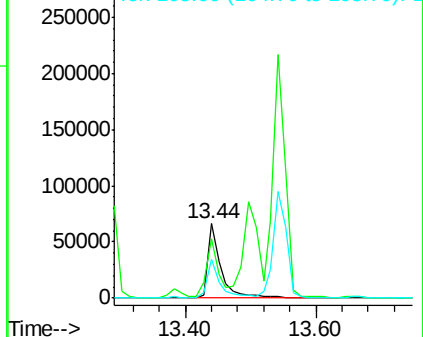
Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:198	Resp:	96718
Ion Ratio	Lower	Upper
198 100		
51 80.2	20.5	60.5#
105 51.8	24.5	64.5



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.83 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

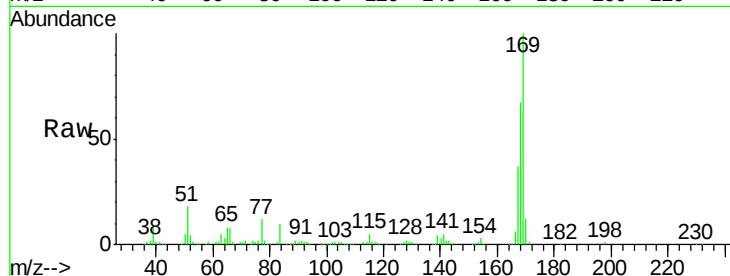
ClientSampleId :

PB90866BS

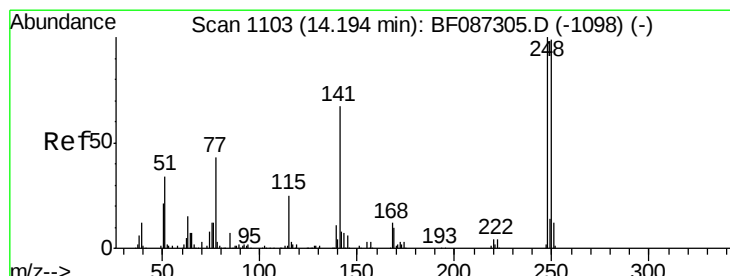
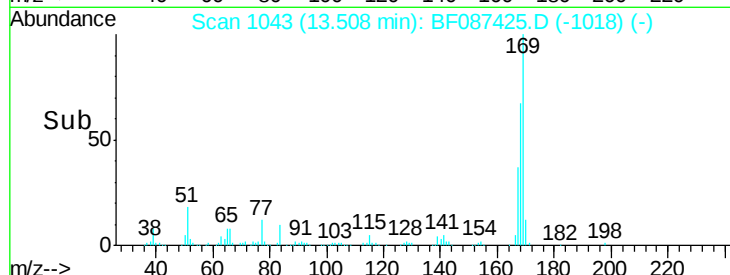
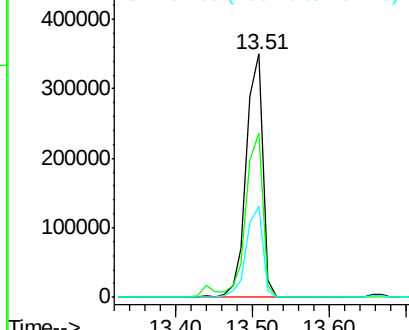
Tot Ion:	169	Resp:	523140
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.8	80.6
167	37.3	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 34.69 ng

RT: 14.07 min Scan# 1092

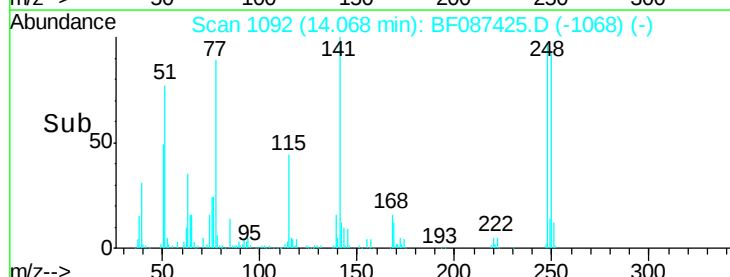
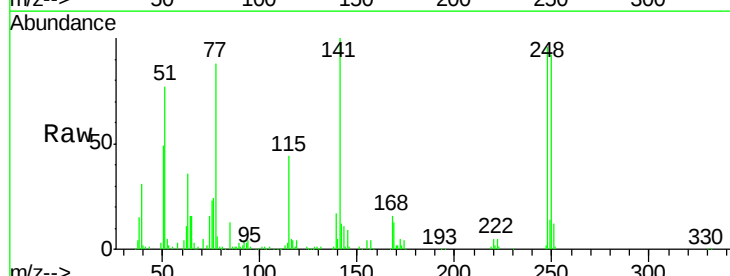
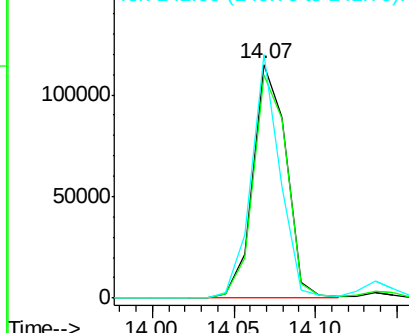
Delta R.T. -0.02 min

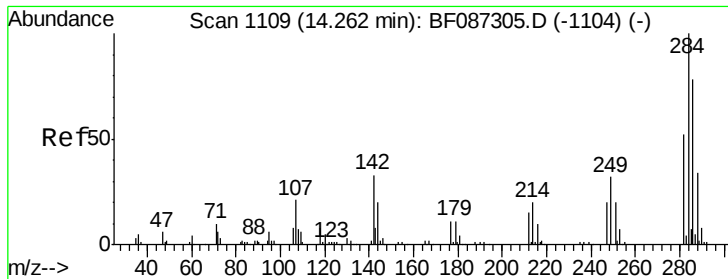
Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:	248	Resp:	162288
Ion Ratio	Lower	Upper	
248	100		
250	95.6	78.6	117.8
141	104.2	76.0	114.0

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





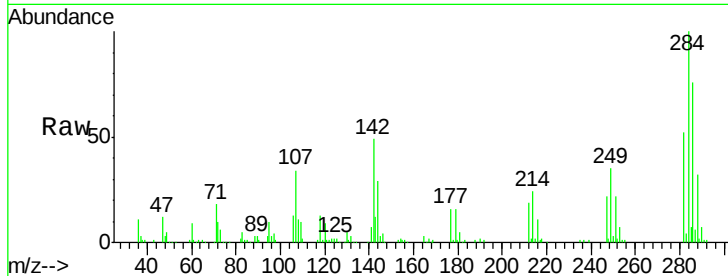
#67
Hexachlorobenzene
Concen: 35.48 ng
RT: 14.14 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampled :
PB90866BS

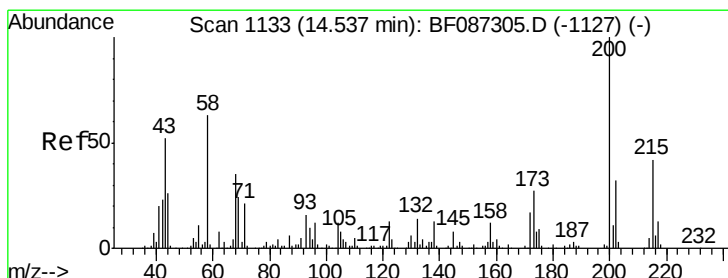
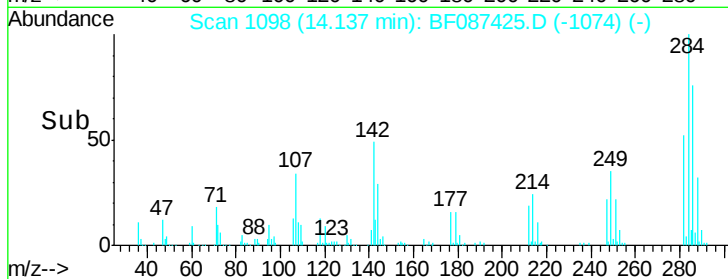
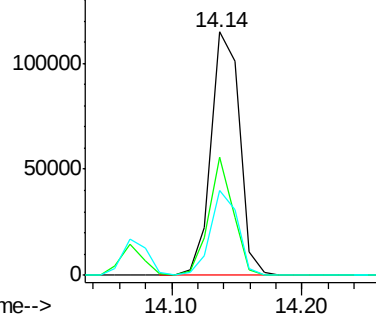
Tot Ion:	284	Resp:	173580
Ion Ratio		Lower	Upper
284	100		
142	48.8	16.7	25.1#
249	35.1	21.3	31.9#

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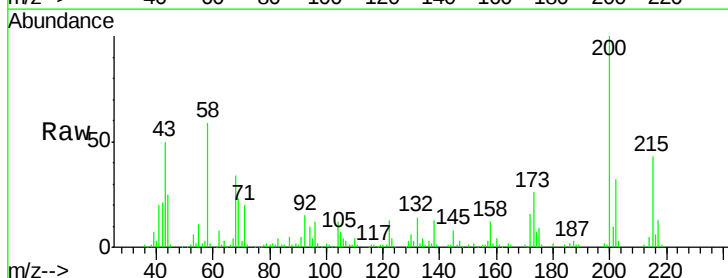


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

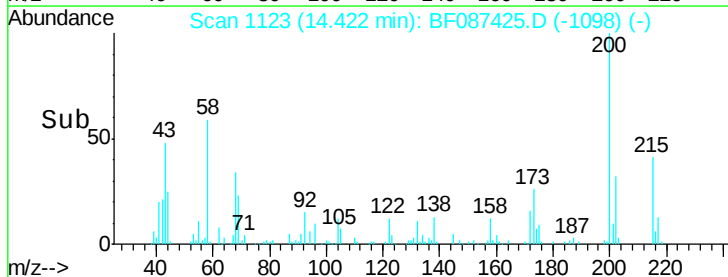
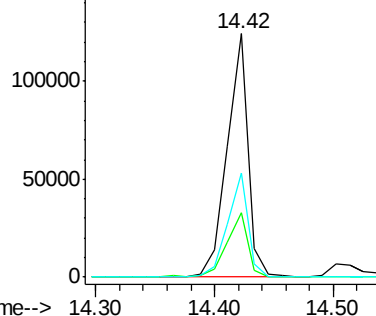


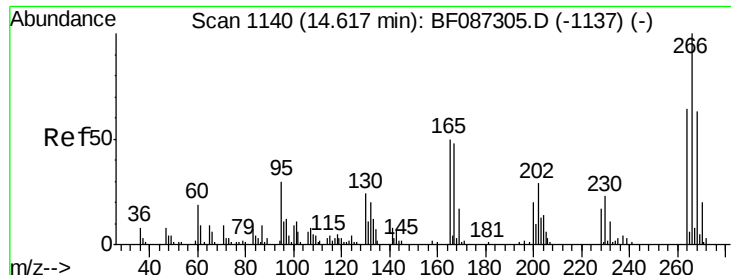
#68
Atrazine
Concen: 35.06 ng
RT: 14.42 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion:	200	Resp:	154538
Ion Ratio		Lower	Upper
200	100		
173	26.4	8.5	48.5
215	42.9	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





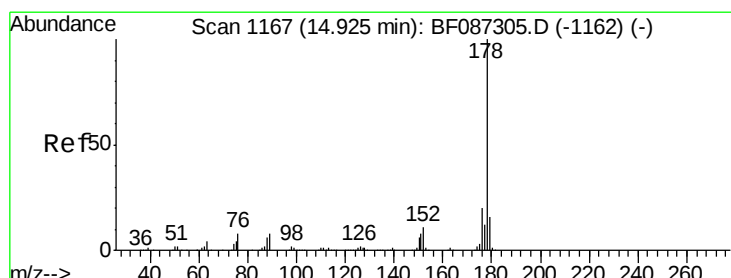
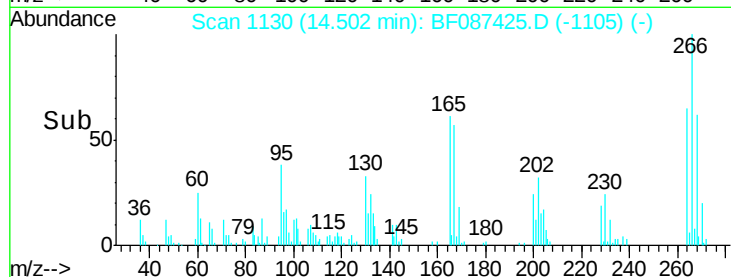
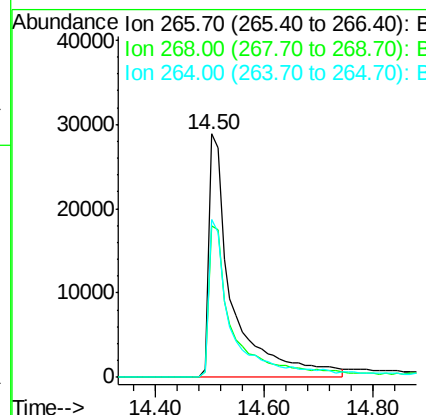
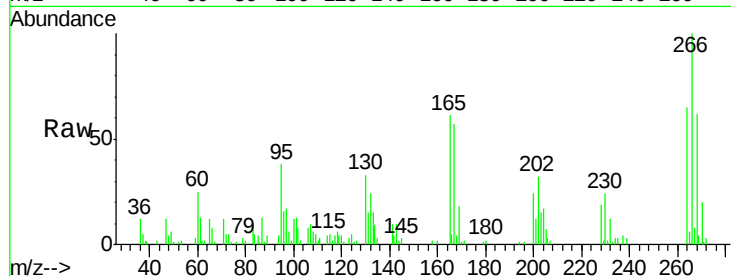
#69
 Pentachlorophenol
 Concen: 58.79 ng
 RT: 14.50 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Instrument :
 BNA_F
 ClientSampled :
 PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	86692		
268	62.0		51.5	77.3
264	65.0		52.9	79.3

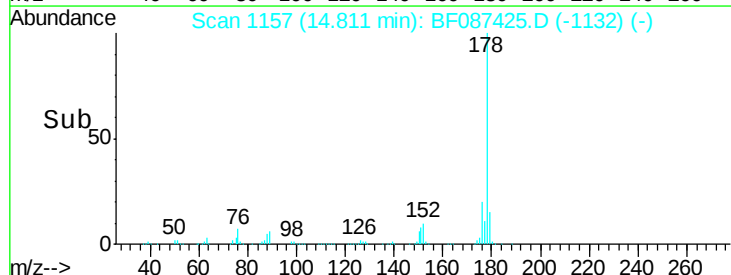
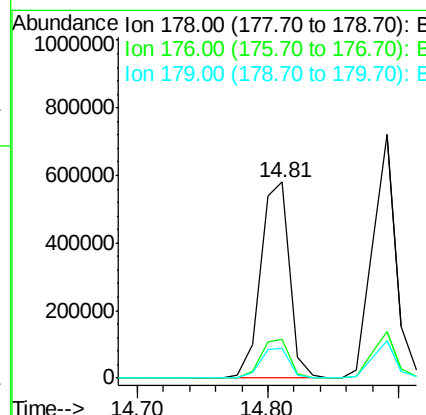
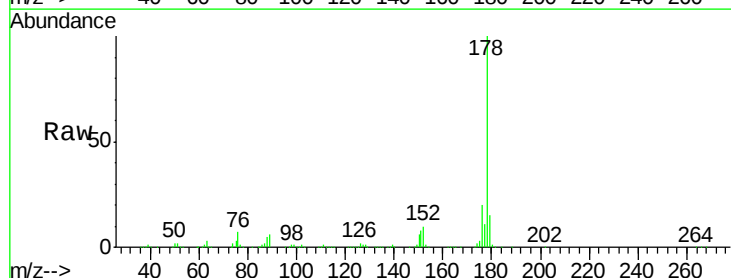
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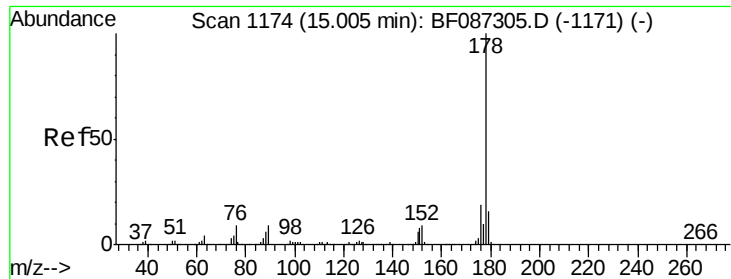
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#70
 Phenanthrene
 Concen: 37.60 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	890633		
176	19.7		16.0	24.0
179	15.1		12.6	18.8





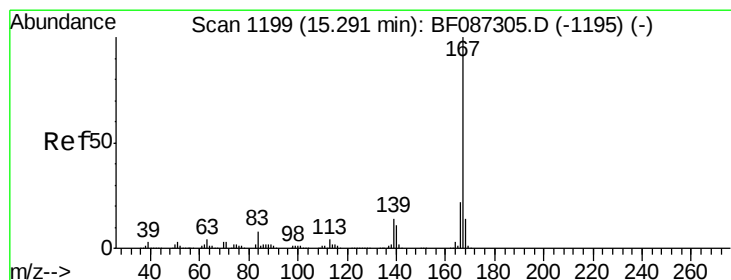
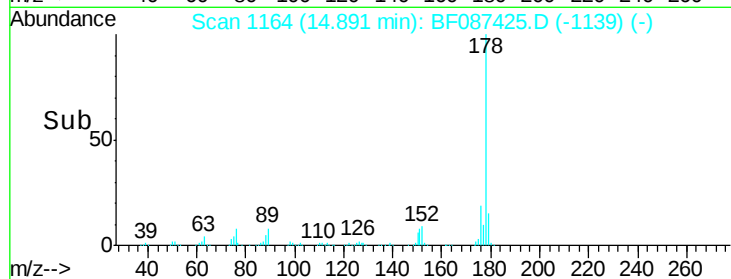
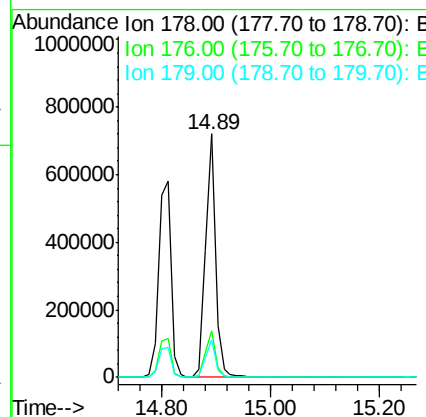
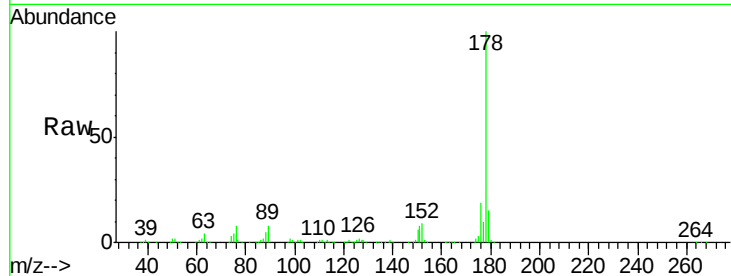
#71
 Anthracene
 Concen: 38.21 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Instrument :
 BNA_F
 ClientSampled :
 PB90866BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
176	19.1	15.6	23.4		
179	15.3	12.7	19.1		

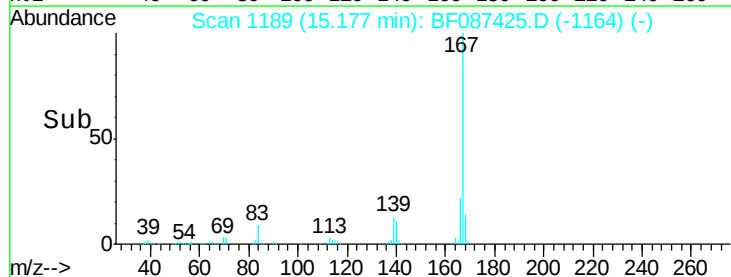
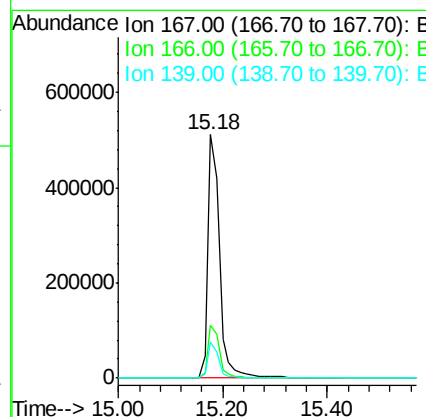
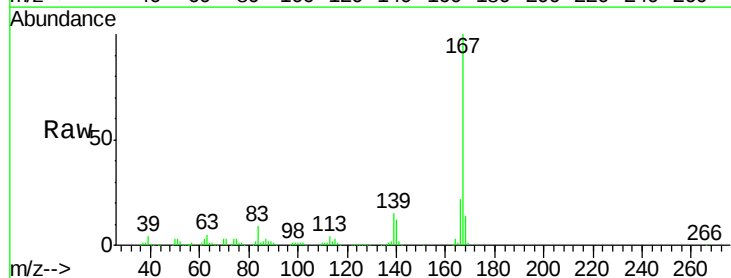
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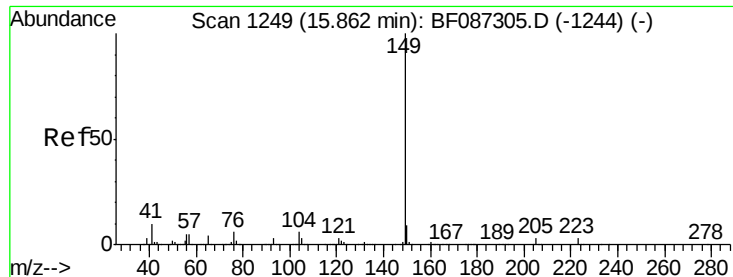
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#72
 Carbazole
 Concen: 39.13 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.0	17.7	26.5		
139	14.8	10.8	16.2		





#73

Di-n-butylphthalate

Concen: 36.86 ng

RT: 15.76 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

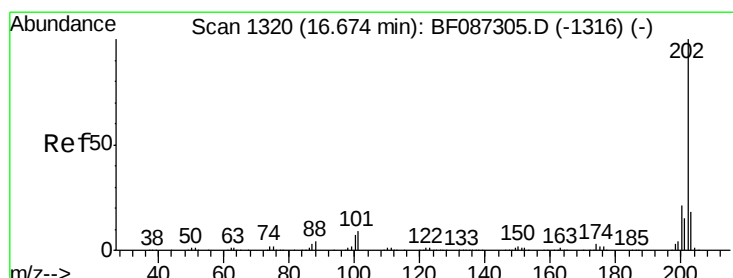
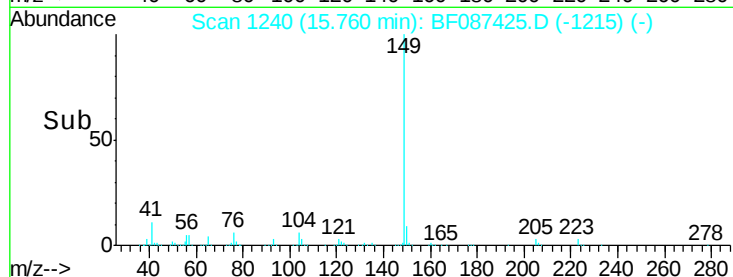
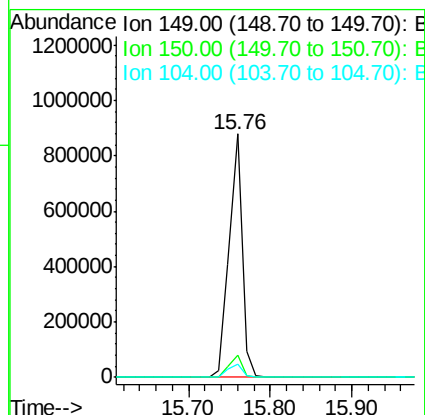
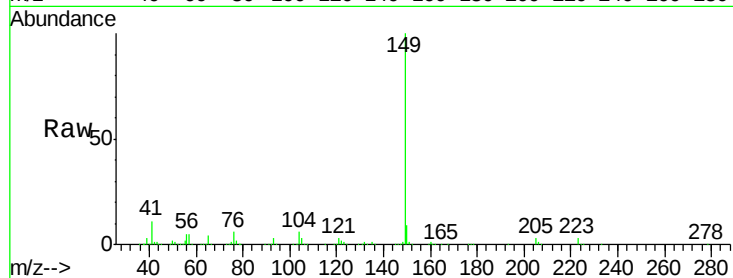
ClientSampleId :

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Tot Ion:	149	Resp:	972881
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.6	11.4
104	5.7	3.8	5.6#

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#74

Fluoranthene

Concen: 37.87 ng

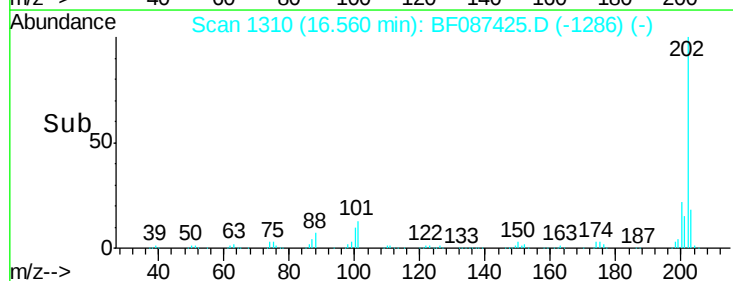
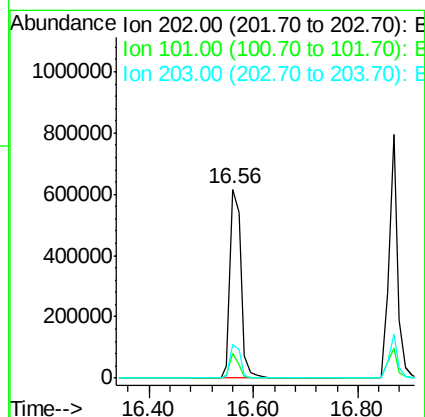
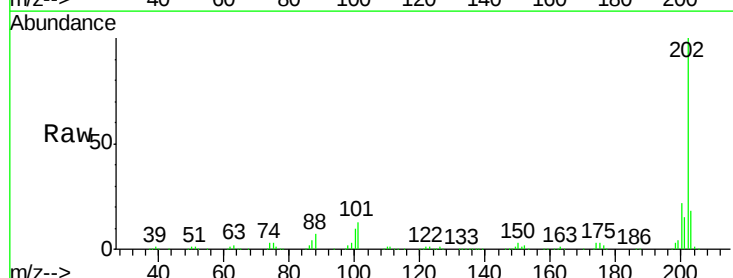
RT: 16.56 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:	202	Resp:	899322
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	35.4
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

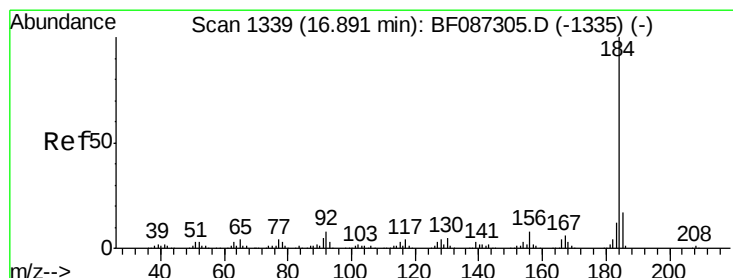
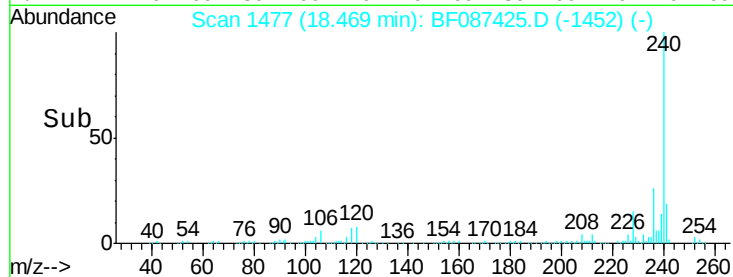
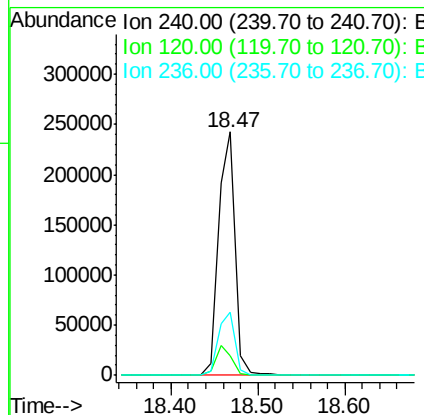
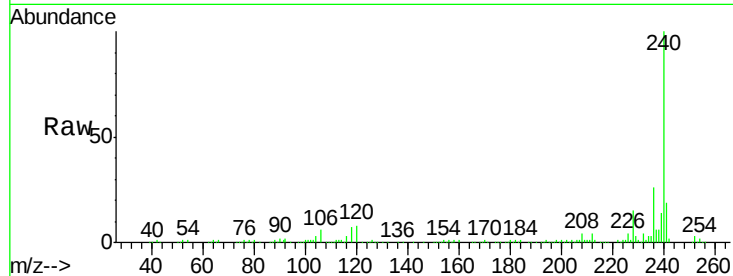
ClientSampleId :

PB90866BS

Tot Ion:	240	Resp:	325276
Ion Ratio	Lower	Upper	
240	100		
120	8.1	11.2	16.8#
236	26.0	21.2	31.8

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#76

Benzidine

Concen: 16.03 ng

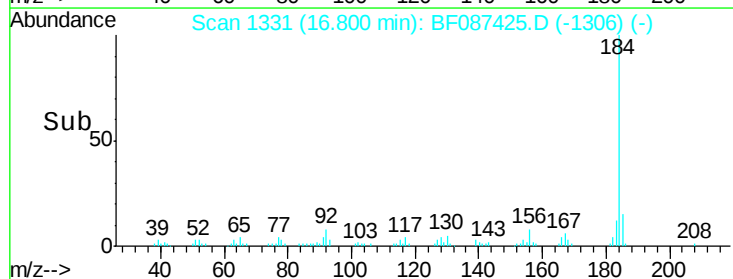
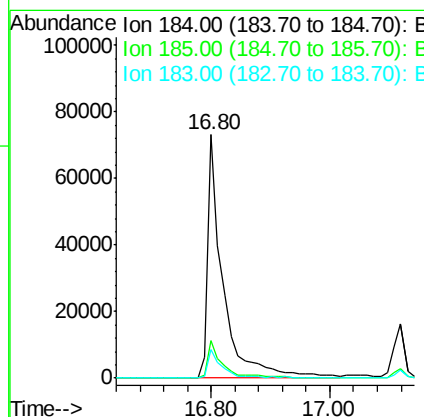
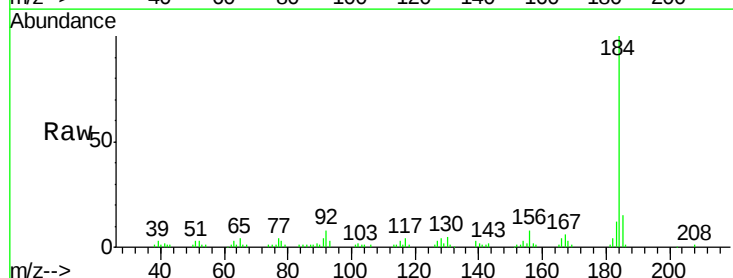
RT: 16.80 min Scan# 1331

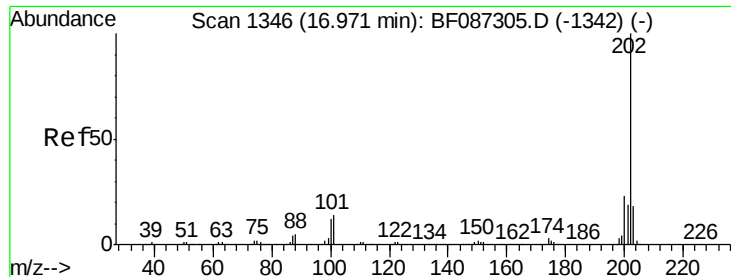
Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:	184	Resp:	134192
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.6	20.4
183	11.8	9.8	14.6





#77

Pvrene

Concen: 38.77 ng

RT: 16.87 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

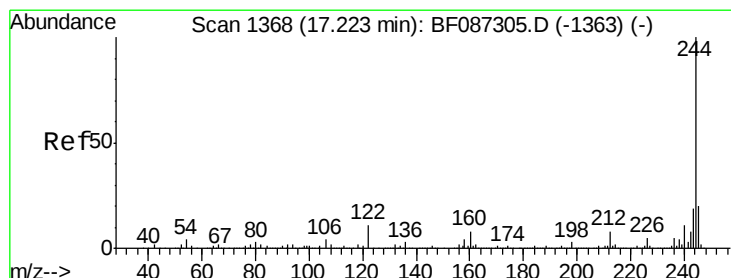
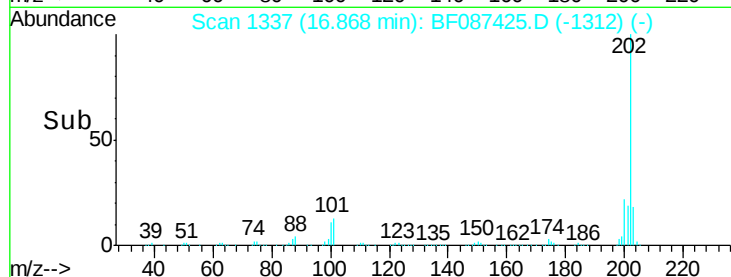
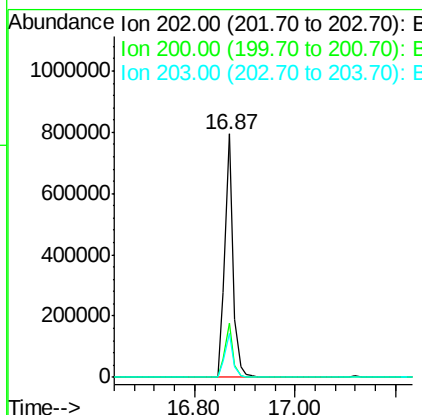
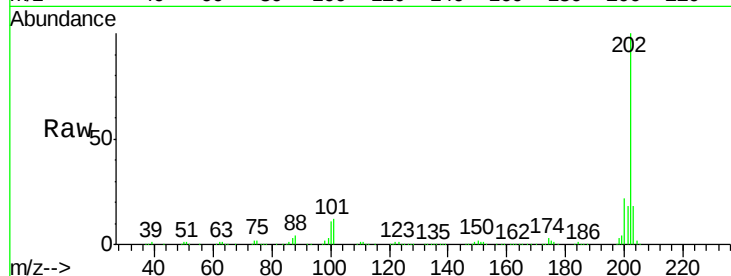
ClientSampleId :

PB90866BS

Tot Ion:	202	Resp:	907821
Ion Ratio		Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.0	14.2	21.4

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#78

Terphenyl-d14

Concen: 70.58 ng

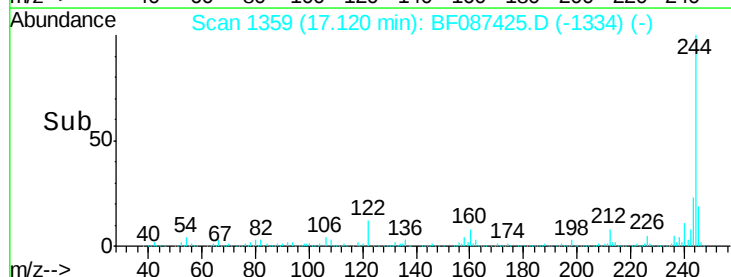
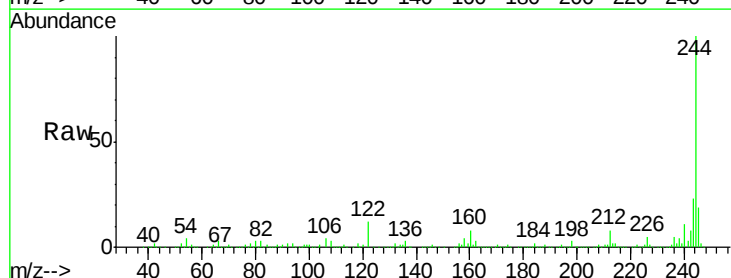
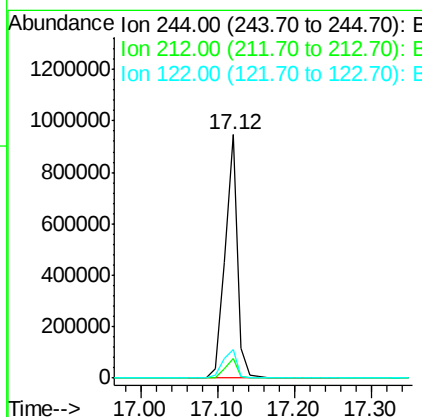
RT: 17.12 min Scan# 1359

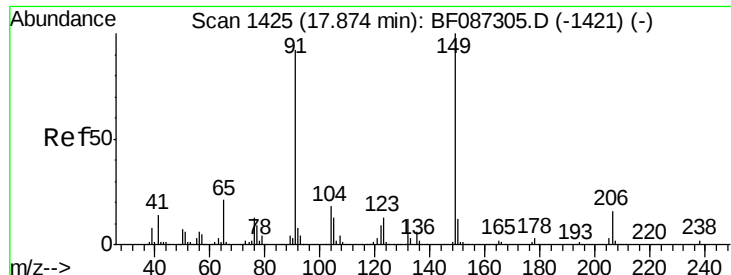
Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:	244	Resp:	1079942
Ion Ratio		Lower	Upper
244	100		
212	8.0	6.2	9.2
122	11.7	12.0	18.0#





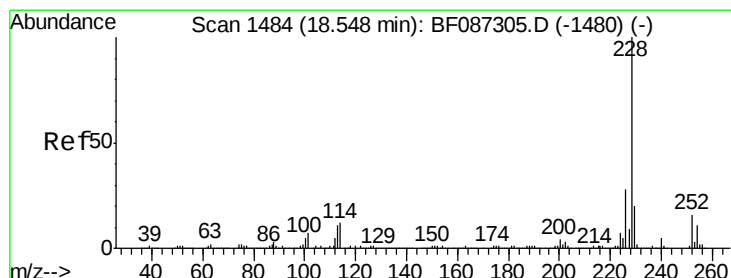
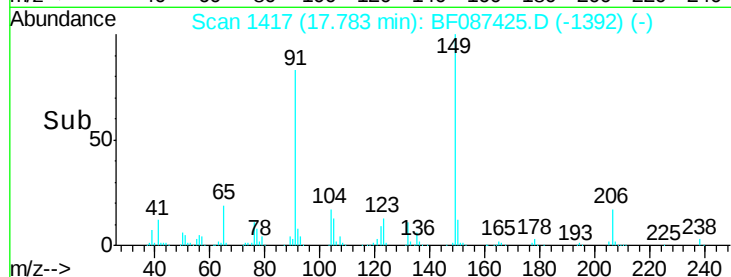
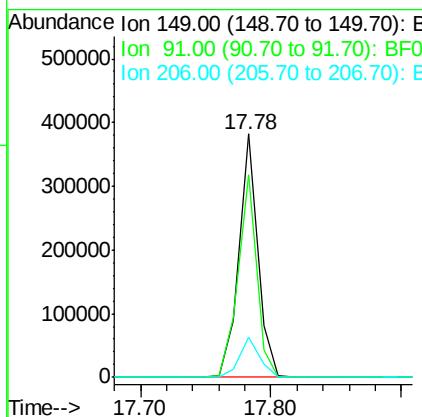
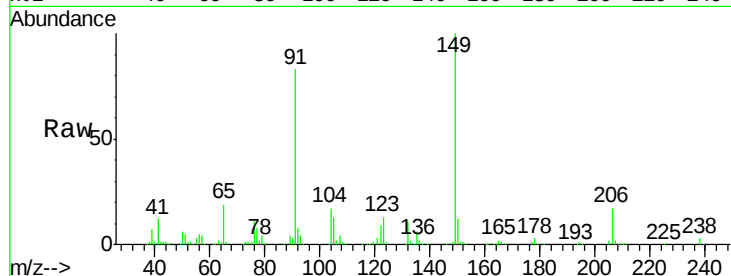
#79
Butylbenzylphthalate
Concen: 36.92 ng
RT: 17.78 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	383401		
91	83.3	48.0	72.0#	
206	16.7	15.8	23.6	

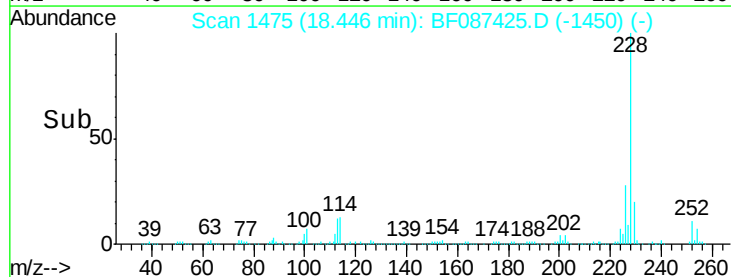
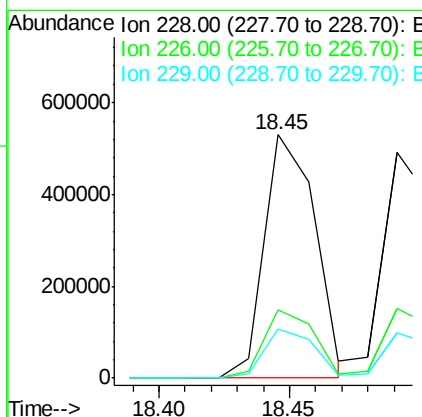
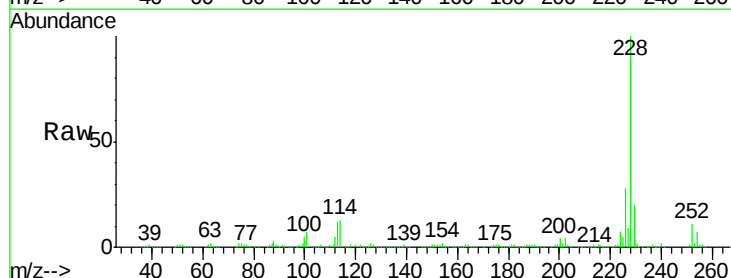
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#80
Benzo(a)anthracene
Concen: 38.42 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	710918		
226	28.1	22.5	33.7	
229	20.3	16.6	25.0	





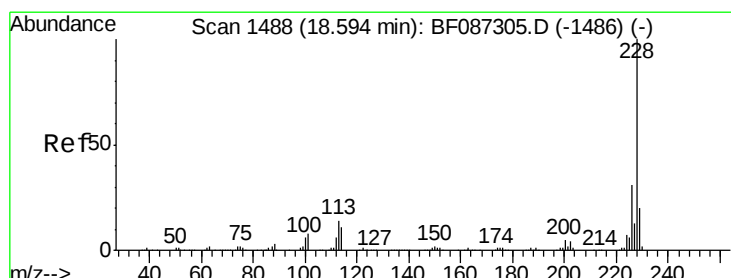
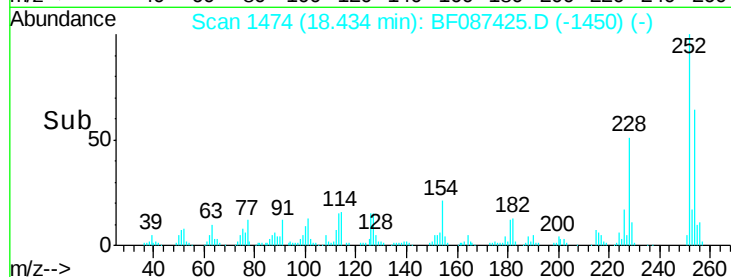
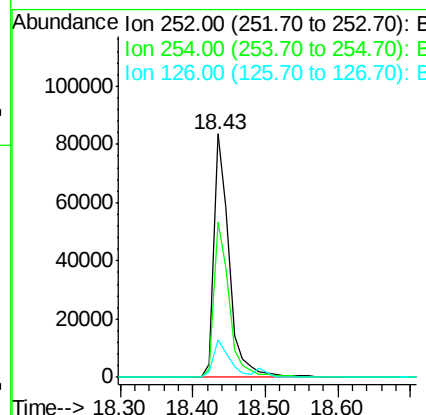
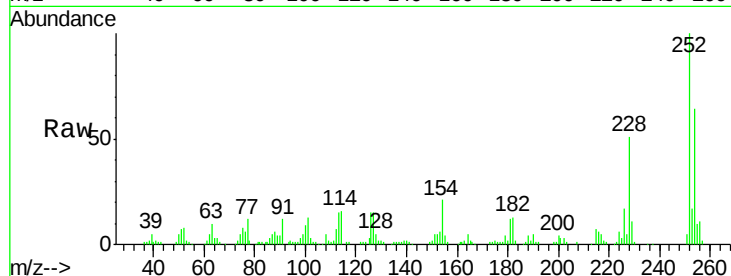
#81
 3,3'-Dichlorobenzidine
 Concen: 11.99 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	122592		
254	63.8	50.7	76.1	
126	15.4	12.7	19.1	

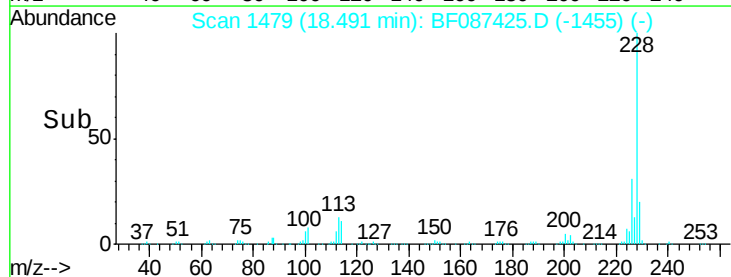
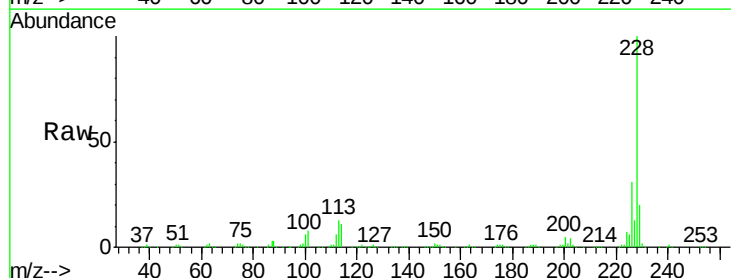
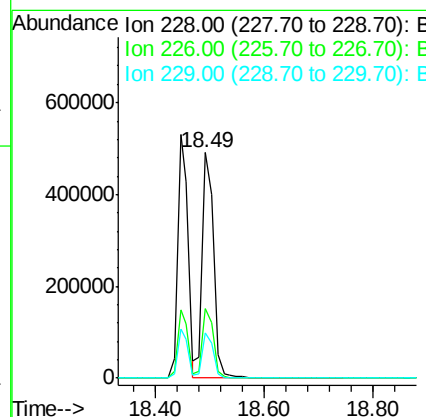
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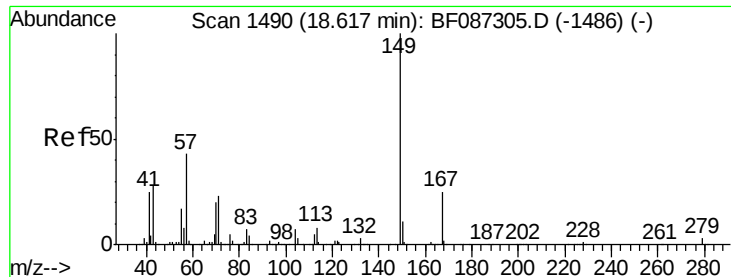
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#82
 Chrysene
 Concen: 38.07 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	699085		
226	30.9	24.4	36.6	
229	19.8	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.28 ng

RT: 18.53 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

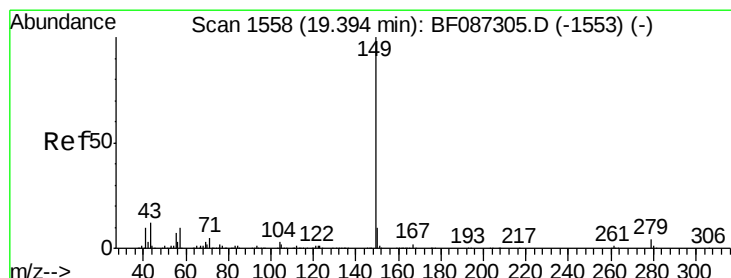
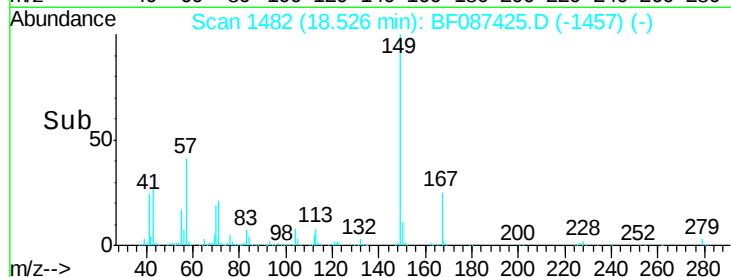
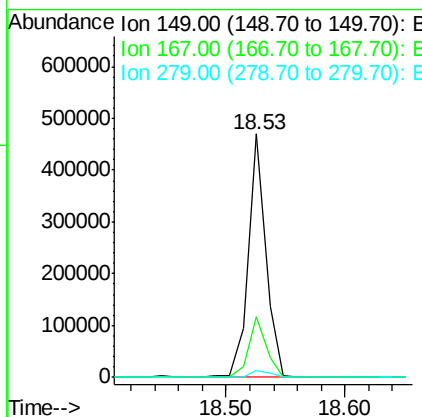
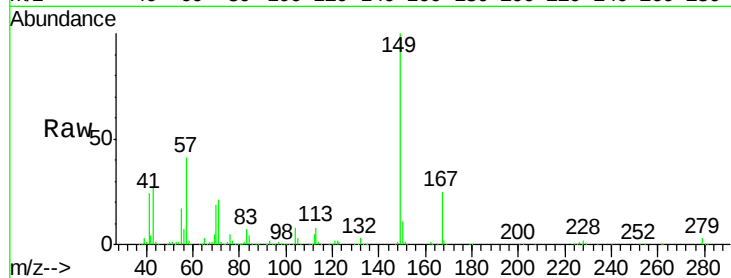
ClientSampleId :

PB90866BS

Tot Ion:	149	Resp:	489029
Ion Ratio	Lower	Upper	
149	100		
167	24.7	21.8	32.6
279	2.7	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 31.83 ng

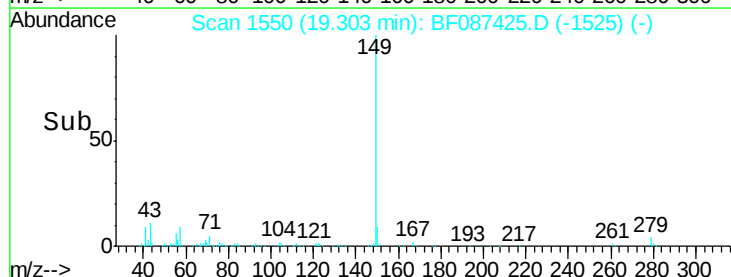
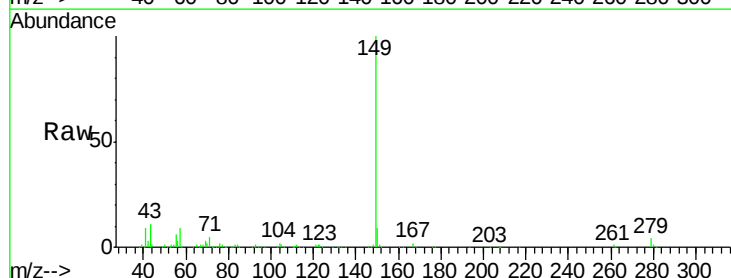
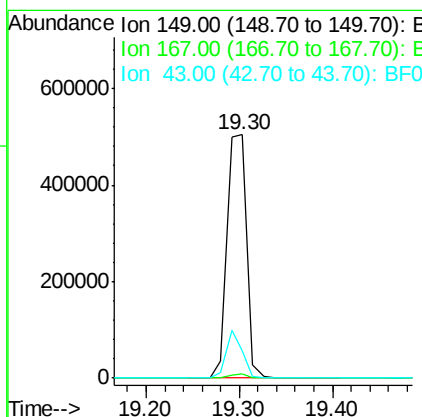
RT: 19.30 min Scan# 1550

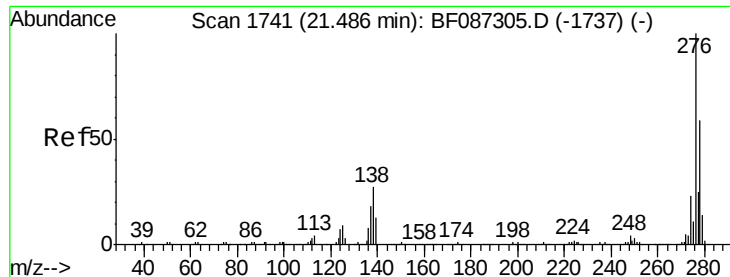
Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:	149	Resp:	735424
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	16.1	8.2	12.4#





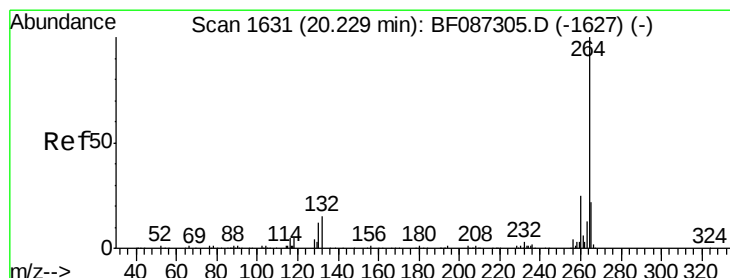
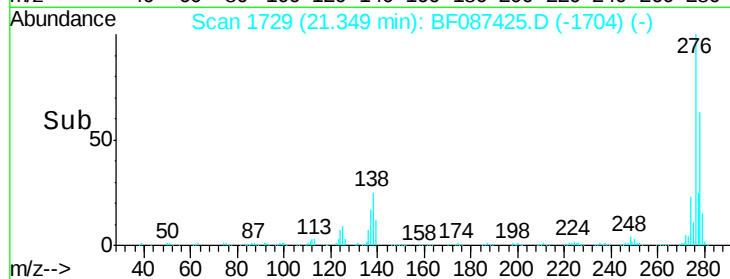
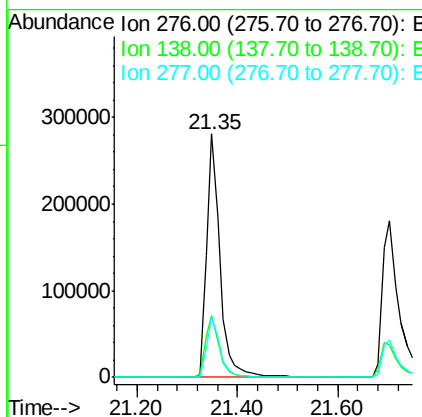
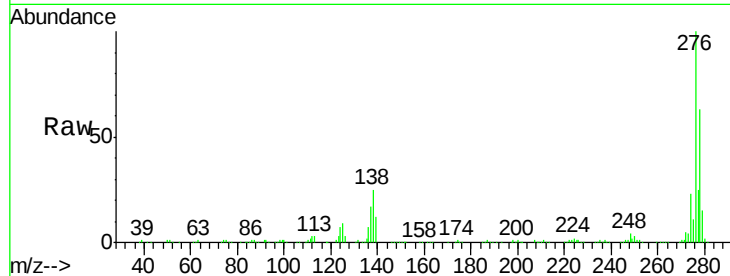
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.22 ng
RT: 21.35 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	518436		
138	26.5		25.6	38.4
277	25.3		20.5	30.7

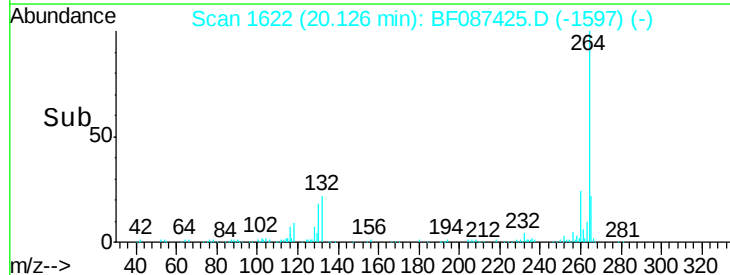
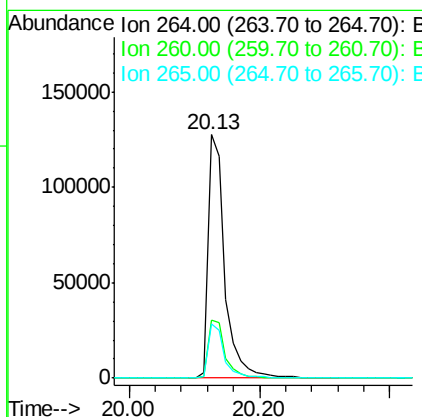
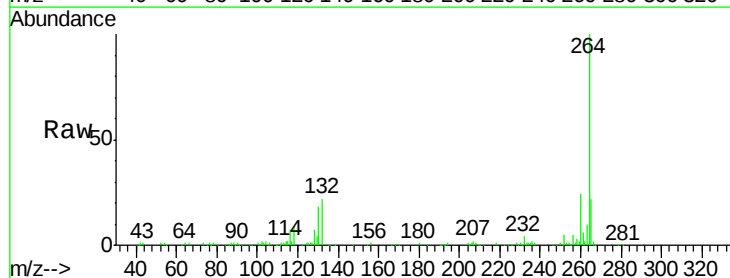
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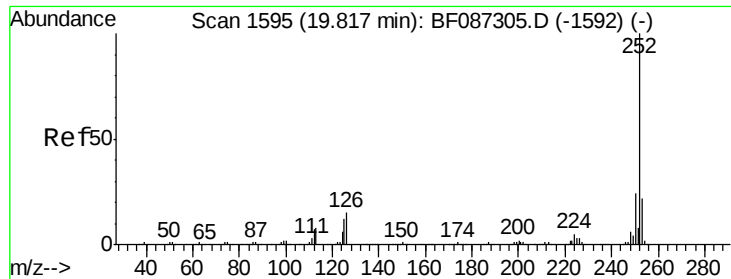
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.13 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	226269		
260	24.0		19.5	29.3
265	22.0		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 38.98 ng

RT: 19.73 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

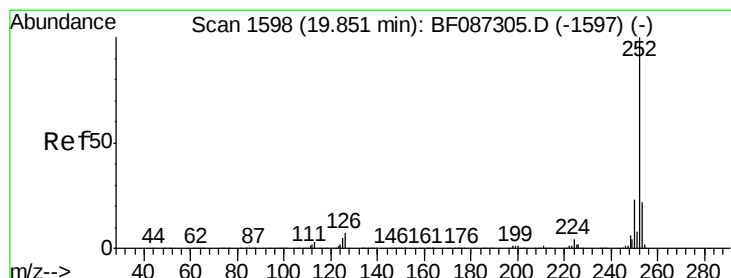
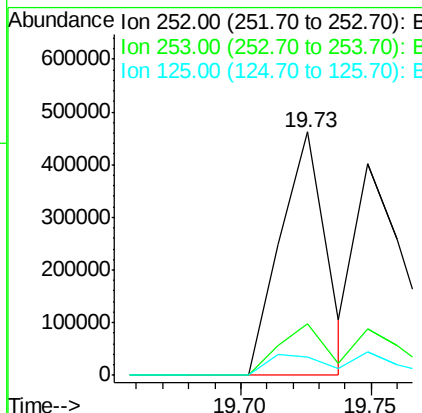
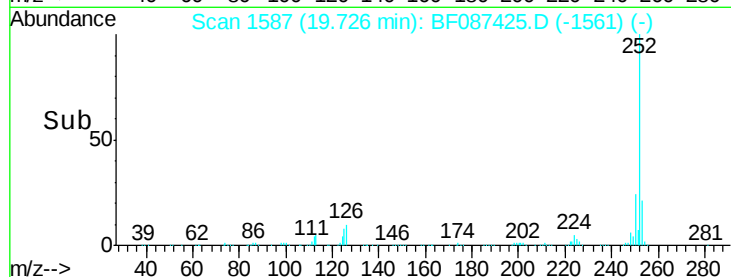
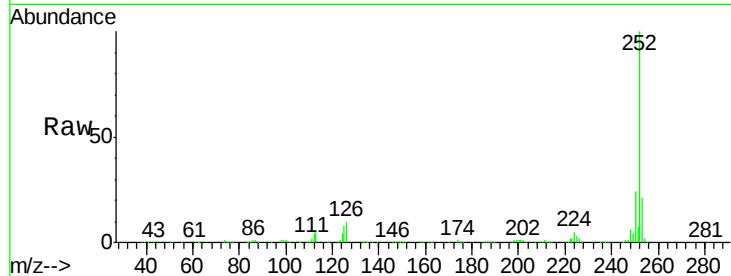
ClientSampleId :

PB90866BS

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Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	7.8	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 43.59 ng m

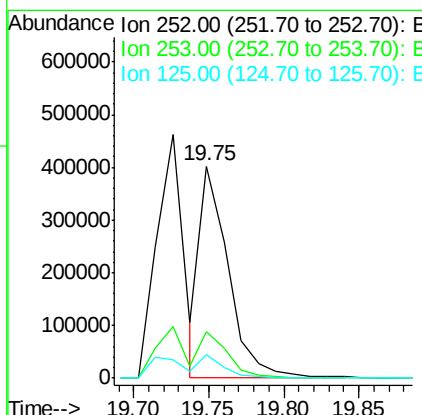
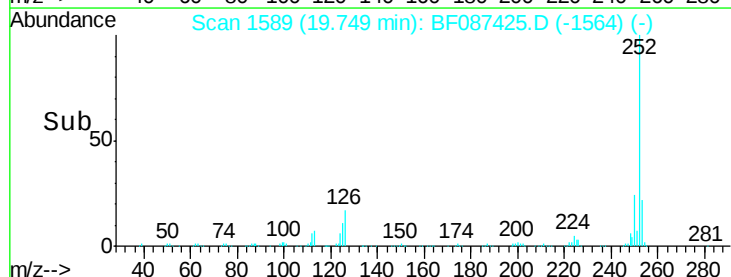
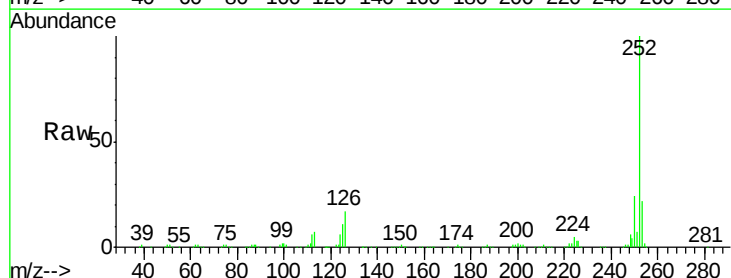
RT: 19.75 min Scan# 1589

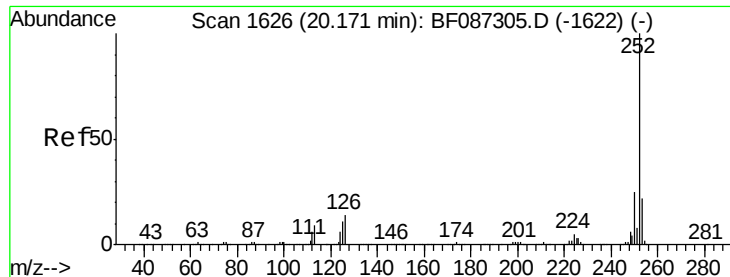
Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.2	9.1	13.7





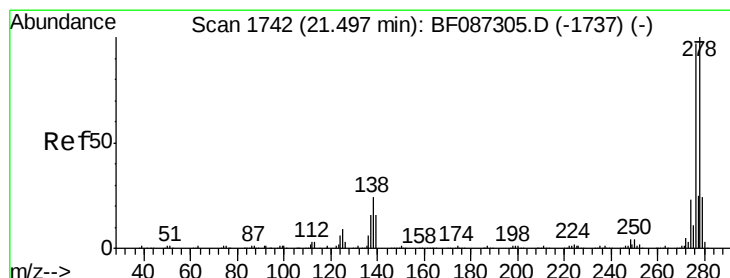
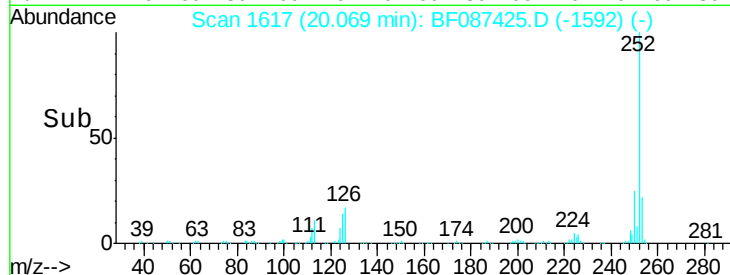
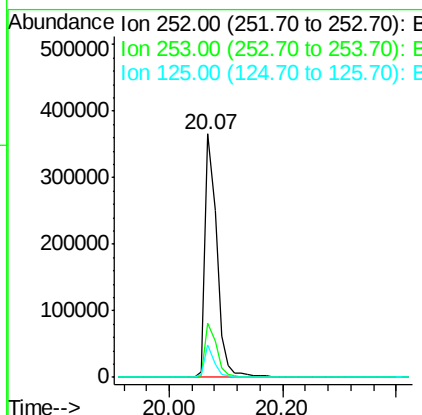
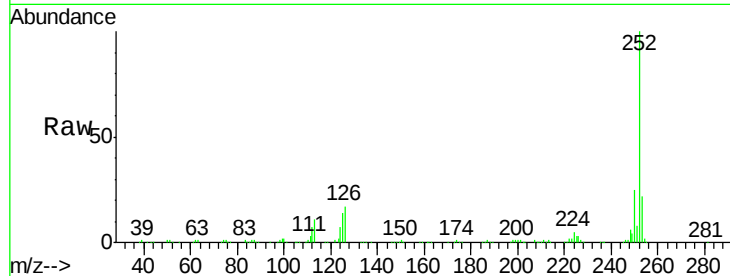
#89
Benzo(a)pyrene
Concen: 40.32 ng
RT: 20.07 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	13.5	9.0	13.6

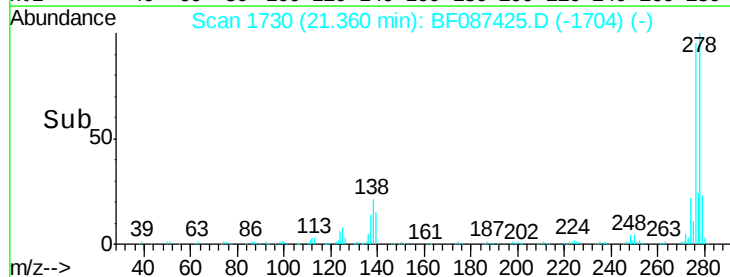
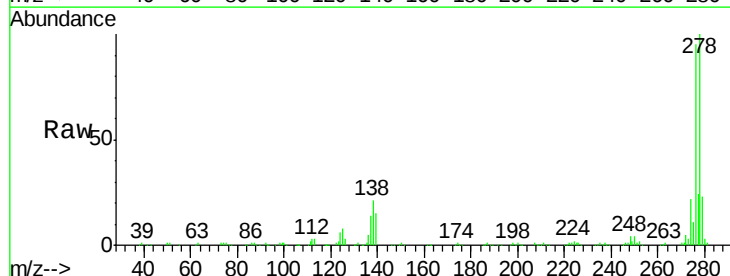
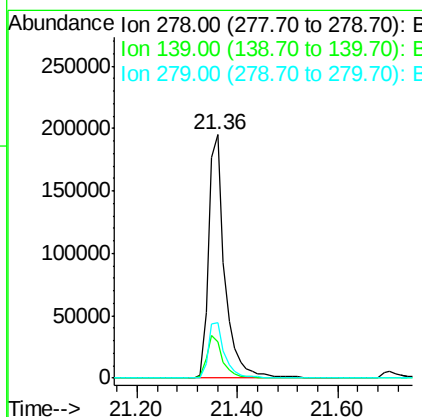
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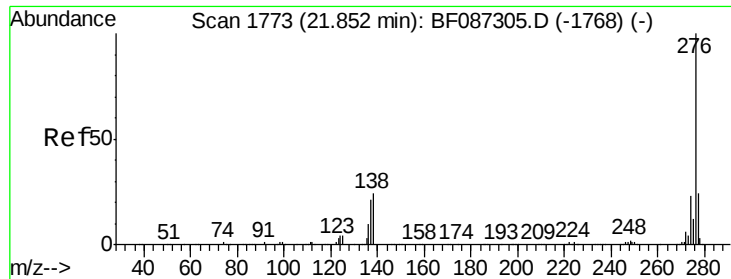
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#90
Dibenzo(a,h)anthracene
Concen: 40.82 ng
RT: 21.36 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	16.6	24.8#
279	22.9	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.29 ng
 RT: 21.70 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	20.7	23.6	35.4

Manual Integrations
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