

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
 Data File : BF087588.D
 Acq On : 31 May 2016 19:04
 Operator : UM/SJ
 Sample : H3332-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MSD

Manual Integrations
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 6/1/2016 6:34:15 PM

Quant Time: Jun 01 11:33:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 01 03:17:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	102710	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	423608	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	203029	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	390099	20.00	ng	0.00
75) Chrysene-d12	18.42	240	328468	20.00	ng	0.00
86) Perylene-d12	20.13	264	174339	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	851938	145.75	ng	0.03
7) Phenol-d6	7.02	99	1115001	141.17	ng	0.00
23) Nitrobenzene-d5	8.36	82	813270	96.76	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	295183	151.29	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	1347841	93.59	ng	-0.01
78) Terphenyl-d14	17.06	244	1343612	86.96	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.94	88	114388	37.09	ng	# 69
3) Pyridine	2.54	79	208510m	30.92	ng	
4) n-Nitrosodimethylamine	2.44	42	244183	47.00	ng	# 44
6) Aniline	7.04	93	55346	5.42	ng	# 1
8) 2-Chlorophenol	7.14	128	355320	48.74	ng	92
9) Benzaldehyde	6.89	77	26933	6.18	ng	93
10) Phenol	7.04	94	413818	47.98	ng	# 70
11) bis(2-Chloroethyl)ether	7.10	93	340202	48.73	ng	91
12) 1,3-Dichlorobenzene	7.34	146	358122	45.04	ng	# 89
13) 1,4-Dichlorobenzene	7.47	146	370248	45.36	ng	96
14) 1,2-Dichlorobenzene	7.70	146	353580	46.83	ng	98
15) Benzyl Alcohol	7.77	79	259835	45.12	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.94	45	675953	43.04	ng	88
17) 2-Methylphenol	7.99	107	297905	51.00	ng	# 89
18) Hexachloroethane	8.20	117	144628	47.50	ng	99
19) n-Nitroso-di-n-propylamine	8.17	70	293532	49.83	ng	# 71
20) 3+4-Methylphenols	8.26	107	381597	54.03	ng	# 60
22) Acetophenone	8.14	105	517195	51.11	ng	# 96
24) Nitrobenzene	8.40	77	429120	48.37	ng	97
25) Isophorone	8.79	82	725541	48.13	ng	97
26) 2-Nitrophenol	8.90	139	182245	50.25	ng	# 60
27) 2,4-Dimethylphenol	9.06	122	324989	51.62	ng	87
28) bis(2-Chloroethoxy)methane	9.16	93	423014	49.82	ng	98
29) 2,4-Dichlorophenol	9.36	162	298118	52.54	ng	99
30) 1,2,4-Trichlorobenzene	9.40	180	309160	47.60	ng	99
31) Naphthalene	9.51	128	1219429	57.45	ng	100
32) Benzoic acid	9.44	122	180772	54.82	ng	# 75
33) 4-Chloroaniline	9.76	127	27171	3.48	ng	# 90
34) Hexachlorobutadiene	9.71	225	181271	45.91	ng	98
35) Caprolactam	10.32	113	78430m	47.36	ng	
36) 4-Chloro-3-methylphenol	10.55	107	346726	54.05	ng	86
37) 2-Methylnaphthalene	10.63	142	704939	53.16	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	295713	45.50	ng	98
40) Hexachlorocyclopentadiene	10.87	237	172960	66.48	ng	95

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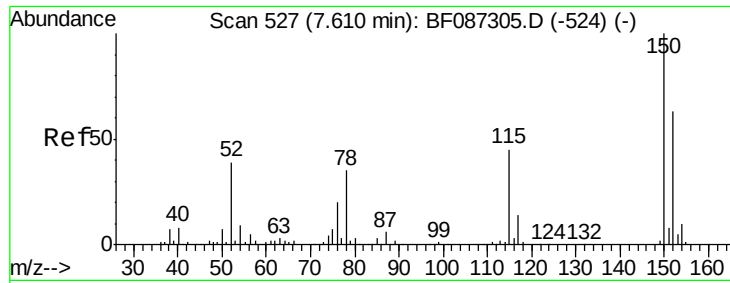
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.15	196	186126	49.62	nq	94
43) 2,4,5-Trichlorophenol	11.26	196	177165	46.38	nq #	84
45) 1,1'-Biphenyl	11.40	154	861088	50.37	nq	99
46) 2-Chloronaphthalene	11.42	162	624847	47.78	nq	92
47) 2-Nitroaniline	11.66	65	235650	50.01	nq	83
48) Acenaphthylene	12.08	152	986587	47.65	nq	99
49) Dimethylphthalate	11.96	163	795282	48.90	nq	99
50) 2,6-Dinitrotoluene	12.06	165	158821	48.46	nq #	53
51) Acenaphthene	12.35	154	634182	49.84	nq	98
52) 3-Nitroaniline	12.39	138	29549	8.79	nq #	83
53) 2,4-Dinitrophenol	12.55	184	169168	99.16	nq #	73
54) Dibenzofuran	12.65	168	940937	54.61	nq	97
55) 4-Nitrophenol	12.77	139	137748	85.86	nq #	52
56) 2,4-Dinitrotoluene	12.73	165	242303	55.32	nq #	91
57) Fluorene	13.20	166	750599	50.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.89	232	169026	57.52	nq	98
59) Diethylphthalate	13.11	149	768624	48.61	nq	99
60) 4-Chlorophenyl-phenylether	13.22	204	343970	47.21	nq	93
61) 4-Nitroaniline	13.36	138	85762	27.32	nq #	65
62) Azobenzene	13.49	77	922564	56.24	nq	86
64) 4,6-Dinitro-2-methylphenol	13.41	198	115944	46.74	nq #	75
65) n-Nitrosodiphenylamine	13.44	169	407202	32.28	nq	99
66) 4-Bromophenyl-phenylether	14.01	248	206490	48.39	nq #	88
67) Hexachlorobenzene	14.08	284	216981	48.61	nq #	73
68) Atrazine	14.35	200	70950	17.64	nq	92
69) Pentachlorophenol	14.46	266	123694	88.46	nq	95
70) Phenanthrene	14.74	178	1097387	50.79	nq	100
71) Anthracene	14.83	178	1124290	51.50	nq	100
72) Carbazole	15.14	167	541520	29.09	nq	99
73) Di-n-butylphthalate	15.69	149	1200182	49.85	nq #	98
74) Fluoranthene	16.51	202	1154433	53.28	nq	97
77) Pyrene	16.82	202	1121966	47.45	nq	100
79) Butylbenzylphthalate	17.73	149	508496	48.50	nq #	77
80) Benzo(a)anthracene	18.41	228	930691	49.81	nq	99
82) Chrysene	18.46	228	943732	50.89	nq	100
83) Bis(2-ethylhexyl)phthalate	18.47	149	688908	45.03	nq	98
84) Di-n-octyl phthalate	19.23	149	1173164	50.28	nq #	87
85) Indeno(1,2,3-cd)pyrene	21.31	276	650328	43.75	nq	94
87) Benzo(b)fluoranthene	19.69	252	750350m	67.57	nq	
88) Benzo(k)fluoranthene	19.73	252	899883m	94.14	nq	
89) Benzo(a)pyrene	20.05	252	709838	73.90	nq	98
90) Dibenzo(a,h)anthracene	21.31	278	597554	72.94	nq #	94
91) Benzo(g,h,i)perylene	21.70	276	463498	57.34	nq #	91

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



#1

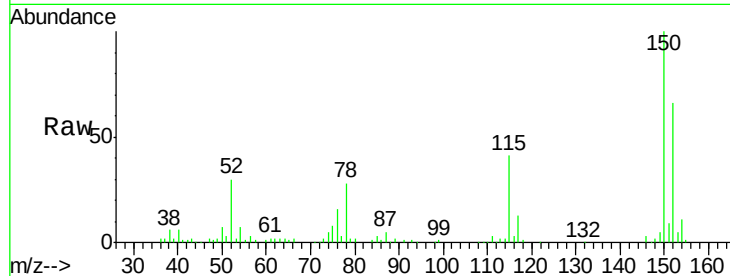
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
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ClientSampleId :
HSR-WC-48-052616MSD

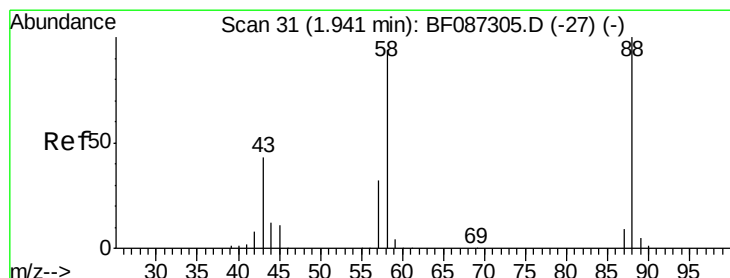
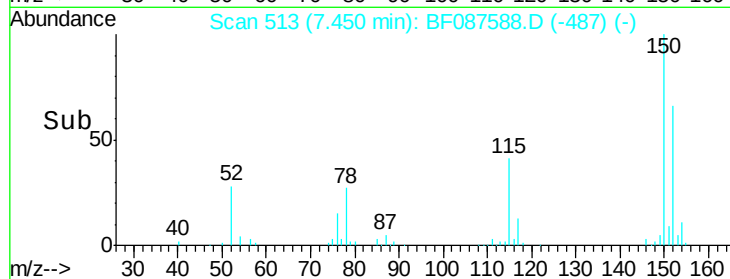
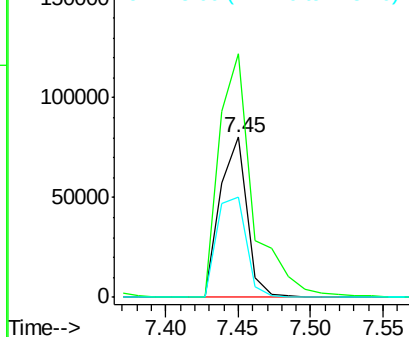
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	125.8	188.6
115	63.1	51.5	77.3

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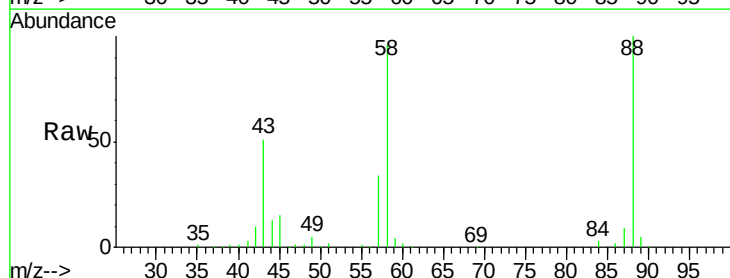
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



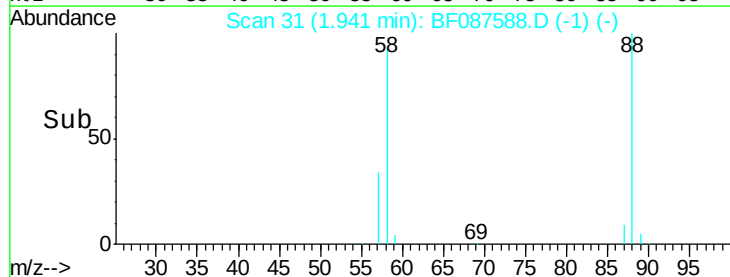
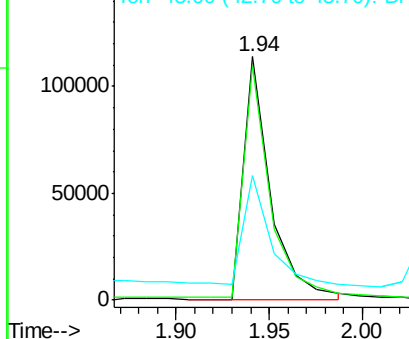
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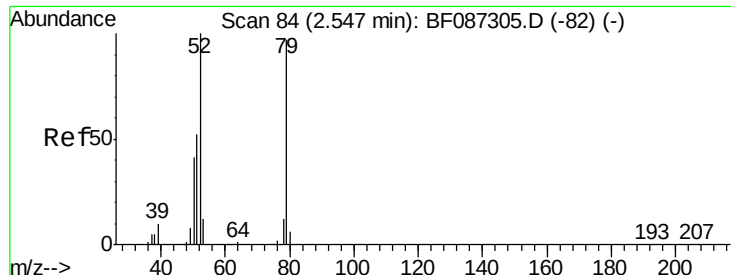
1,4-Dioxane
Concen: 37.09 ng
RT: 1.94 min Scan# 31
Delta R.T. 0.21 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.4	59.6	89.4#
43	0.0	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





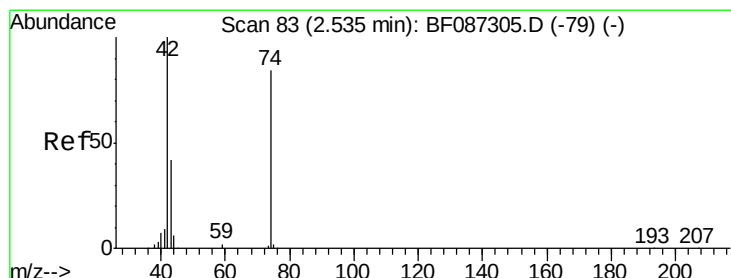
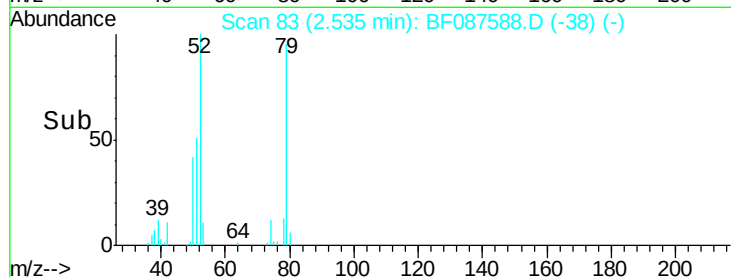
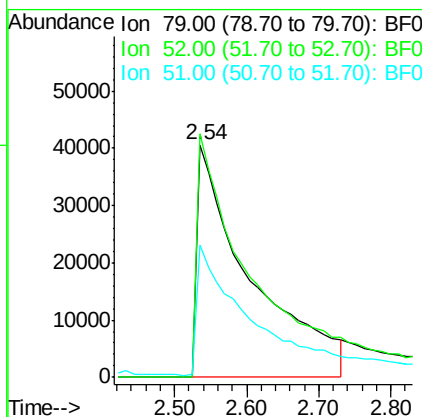
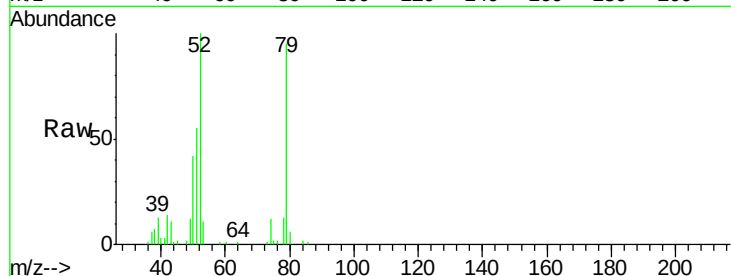
#3
 Pvridine
 Concen: 30.92 ng/ml
 RT: 2.54 min Scan# 83
 Delta R.T. 0.22 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	104.8	55.9	83.9#
51	57.2	28.1	42.1#

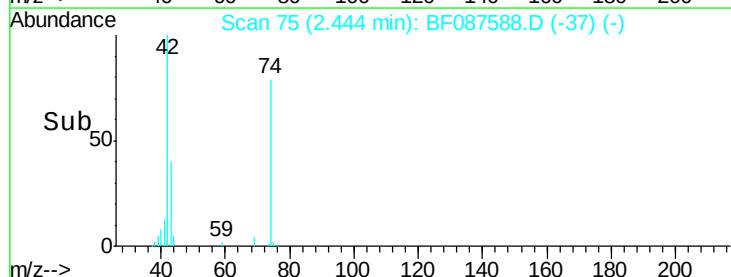
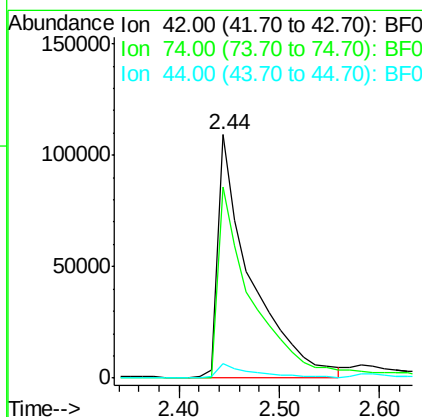
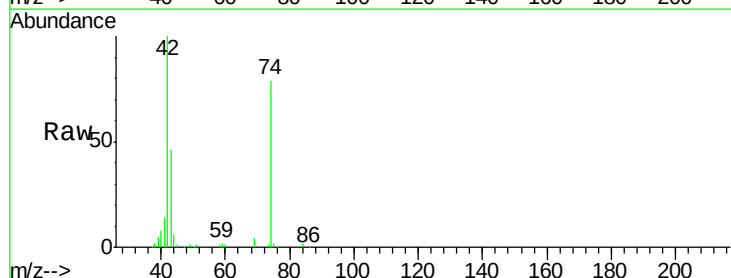
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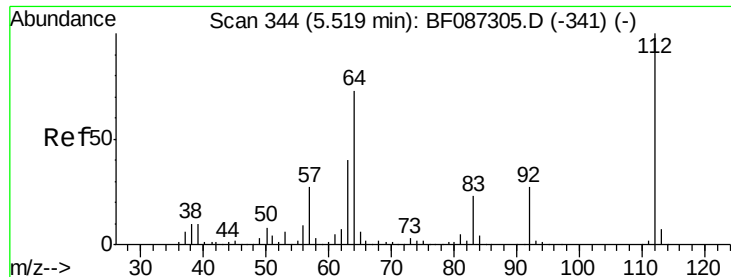
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#4
 n-Nitrosodimethylamine
 Concen: 47.00 ng/ml
 RT: 2.44 min Scan# 75
 Delta R.T. 0.14 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	78.7	123.4	185.0#
44	6.0	5.8	8.6





#5

2-Fluorophenol

Concen: 145.75 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.03 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

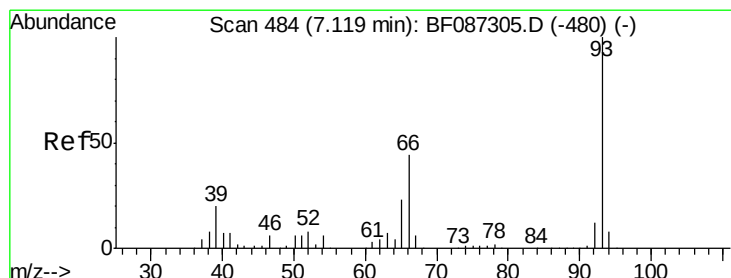
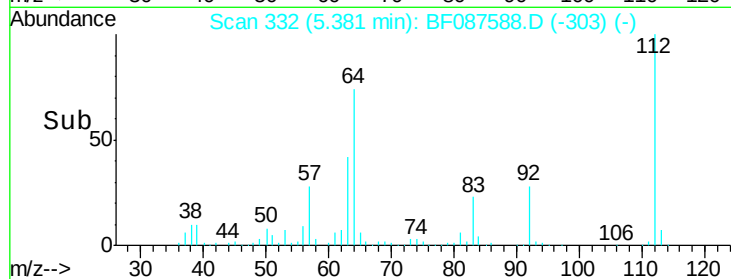
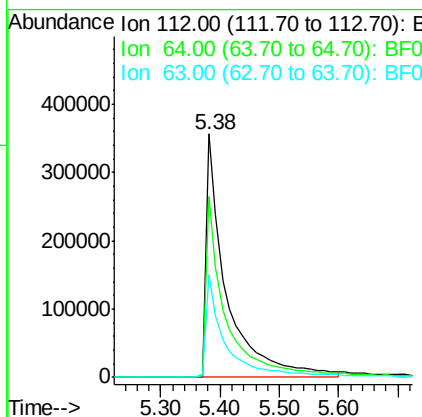
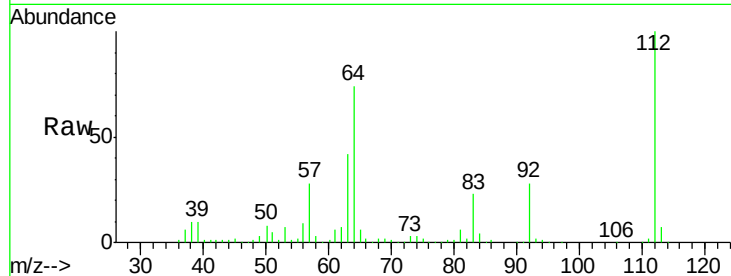
ClientSampleId :

HSR-WC-48-052616MSD

Tot Ion:	112	Resp:	851938
Ion Ratio	Lower	Upper	
112	100		
64	74.3	52.1	78.1
63	42.5	25.7	38.5#

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#6

Aniline

Concen: 5.42 ng

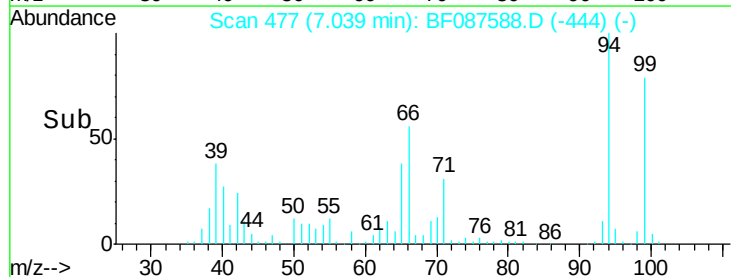
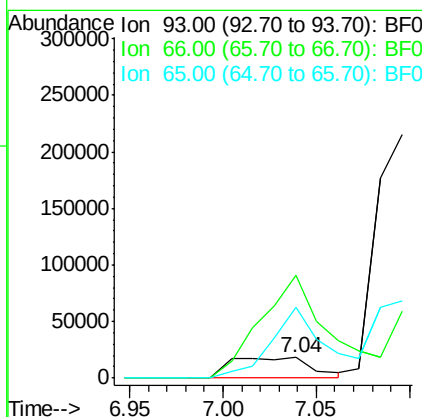
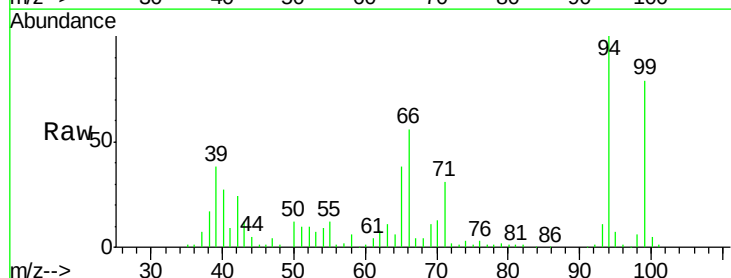
RT: 7.04 min Scan# 477

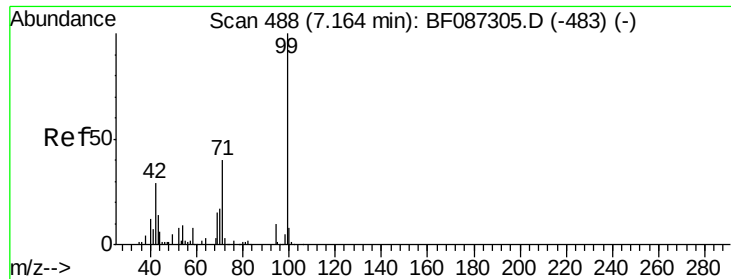
Delta R.T. 0.08 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Tgt Ion:	93	Resp:	55346
Ion Ratio	Lower	Upper	
93	100		
66	502.4	39.0	58.6#
65	343.5	20.6	31.0#





#7

Phenol-d6

Concen: 141.17 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MSD

Tot Ion: 99 Resp: 1115001

Ion Ratio Lower Upper

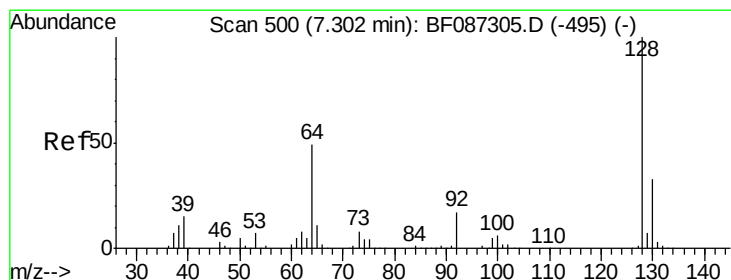
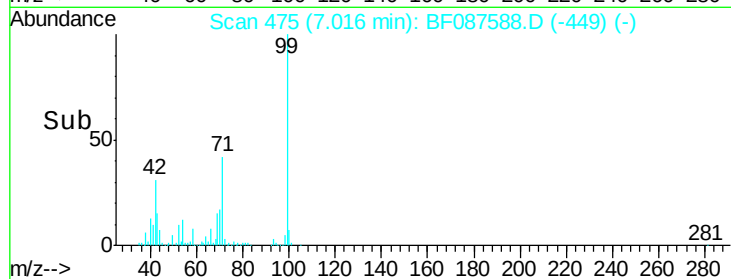
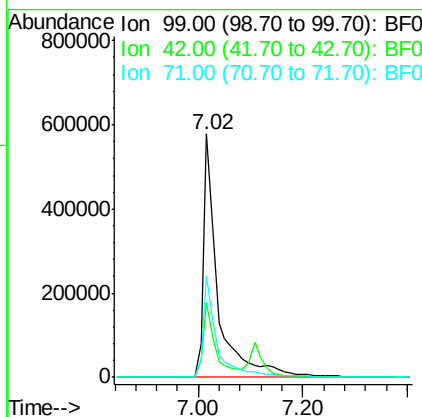
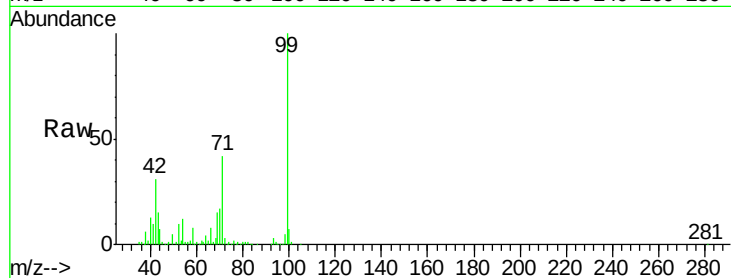
99 100

42 30.5 13.6 20.4#

71 41.8 24.6 36.8#

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#8

2-Chlorophenol

Concen: 48.74 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.01 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

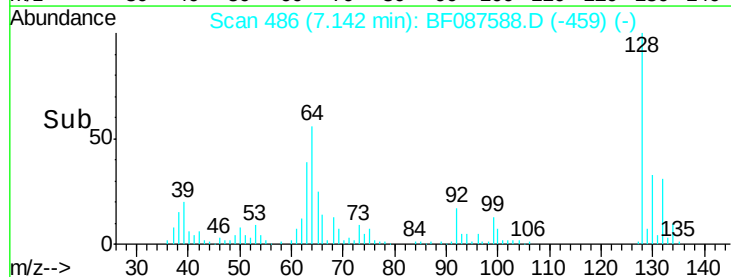
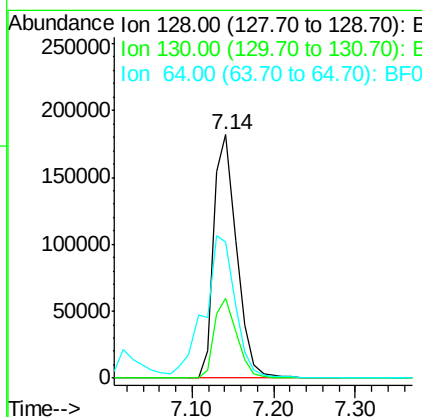
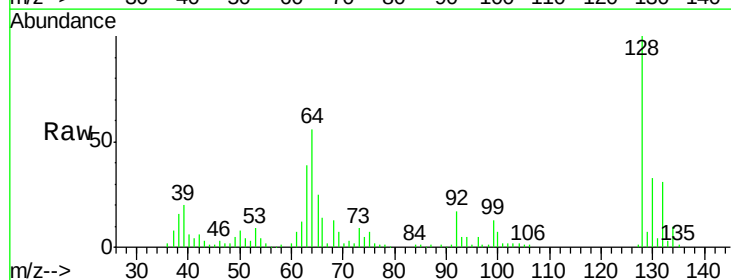
Tgt Ion: 128 Resp: 355320

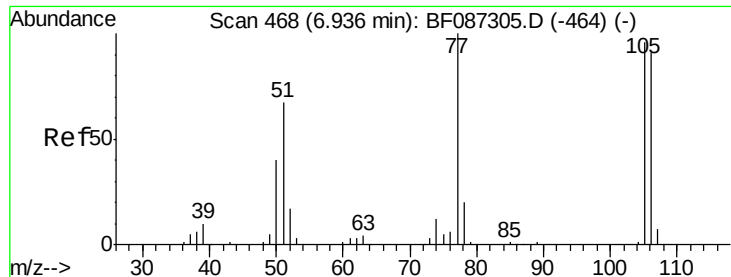
Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

64 55.8 27.3 67.3





#9

Benzaldehyde

Concen: 6.18 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.11 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

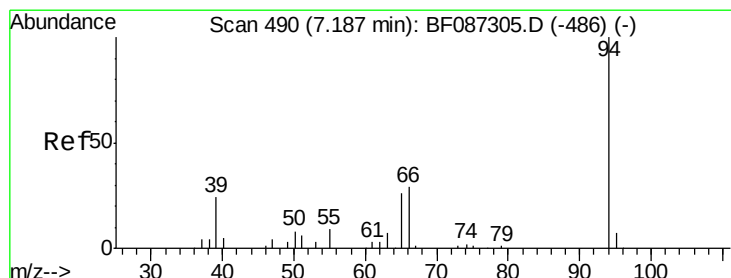
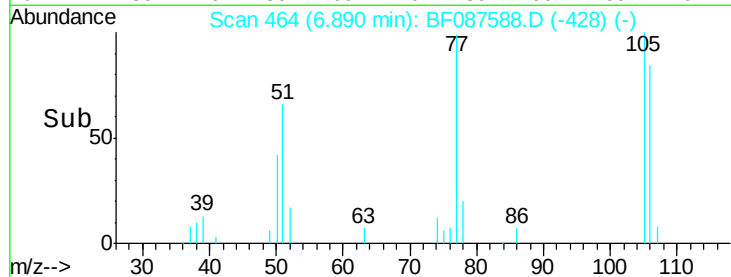
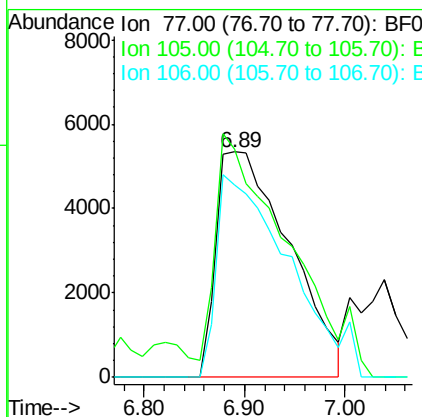
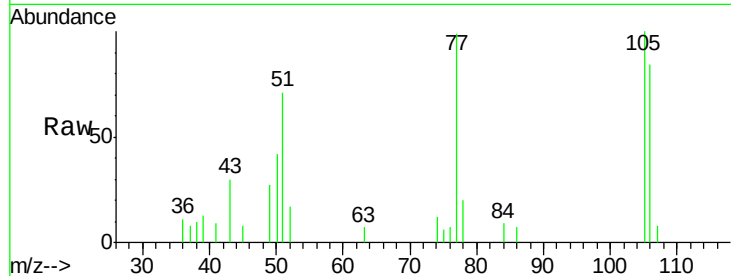
ClientSampleId :

HSR-WC-48-052616MSD

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Tot Ion:	77	Resp:	26933
Ion	Ratio	Lower	Upper
77	100		
105	101.3	72.7	112.7
106	85.4	70.8	110.8



#10

Phenol

Concen: 47.98 ng

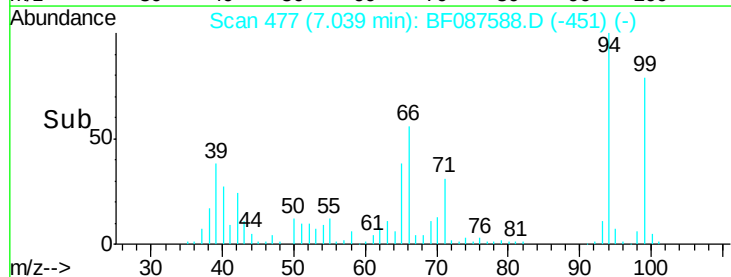
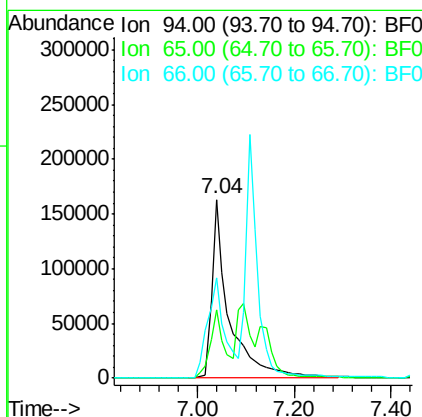
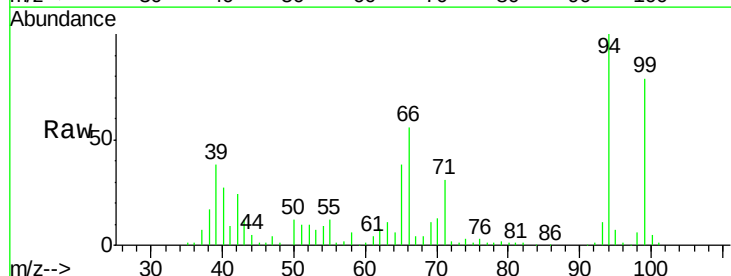
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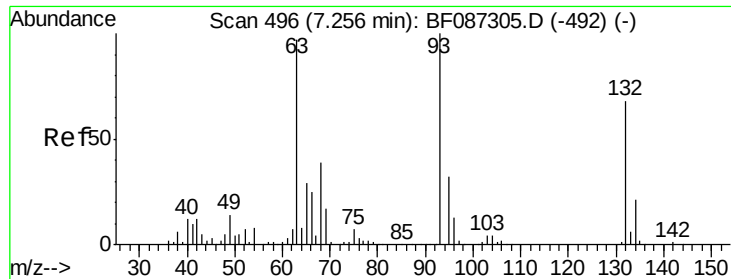
Delta R.T. -0.00 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Tgt Ion:	94	Resp:	413818
Ion	Ratio	Lower	Upper
94	100		
65	38.3	7.2	47.2
66	56.0	14.9	54.9#





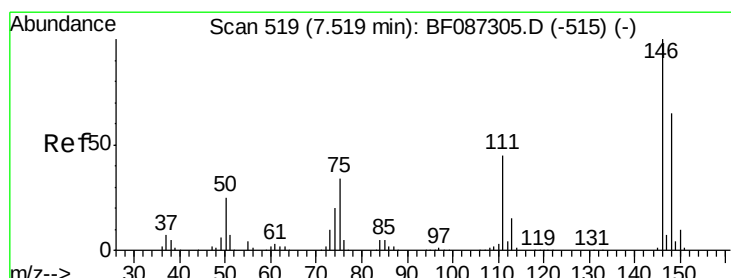
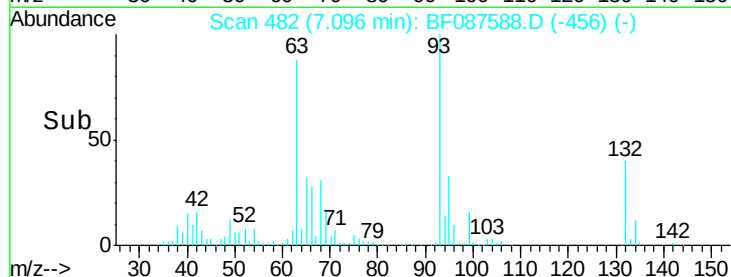
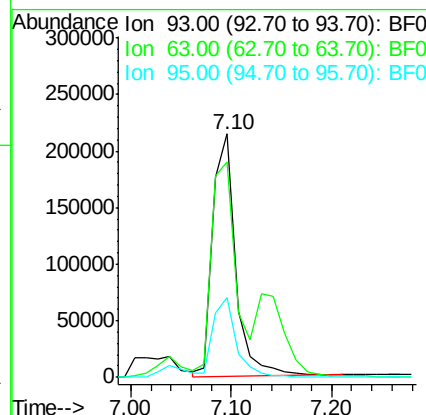
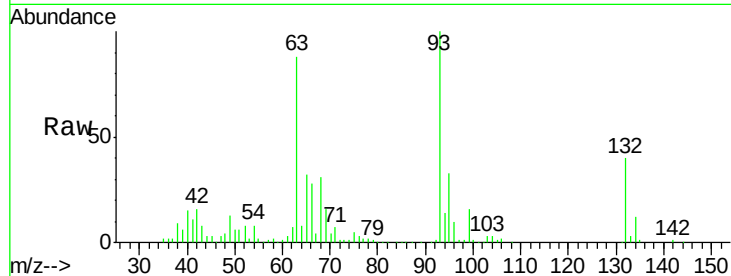
#11
bis(2-Chloroethyl)ether
Concen: 48.73 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	340202		
63	88.3	58.0	98.0	
95	32.7	11.9	51.9	

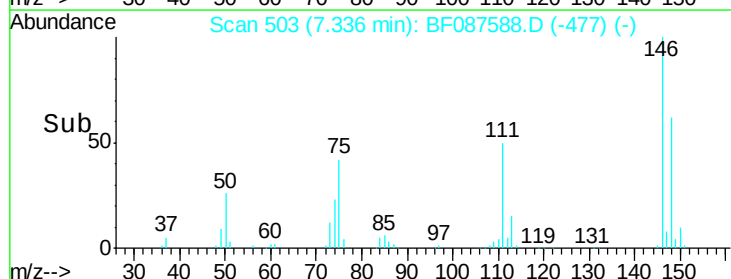
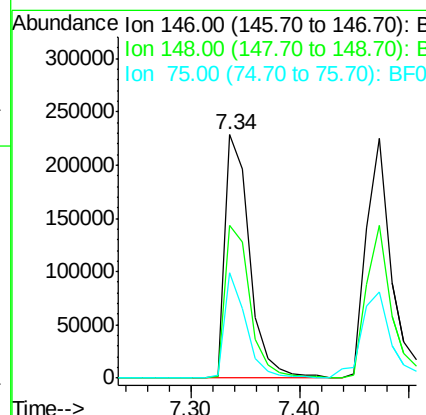
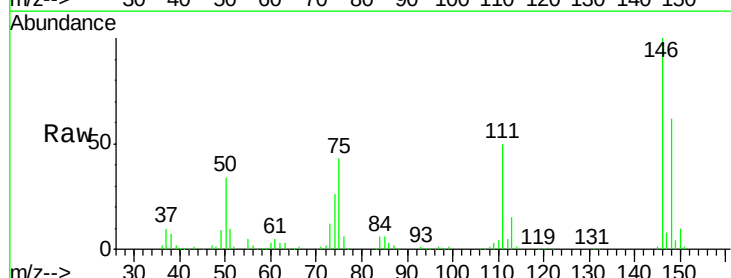
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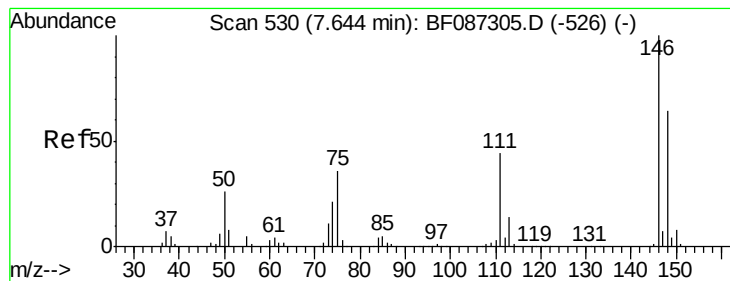
sohil
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#12
1,3-Dichlorobenzene
Concen: 45.04 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	358122		
148	62.5	52.4	78.6	
75	43.4	22.8	34.2	





#13

1,4-Dichlorobenzene

Concen: 45.36 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MSD

Tot Ion:146 Resp: 370248

Ion Ratio Lower Upper

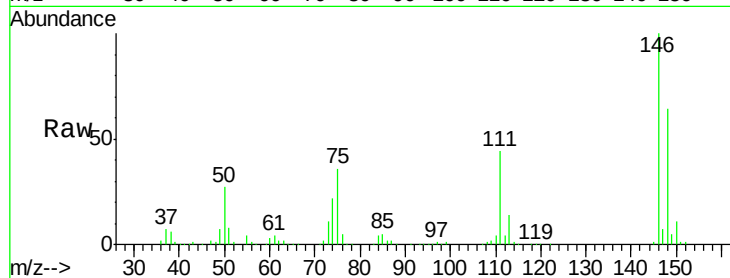
146 100

148 63.8 52.2 78.4

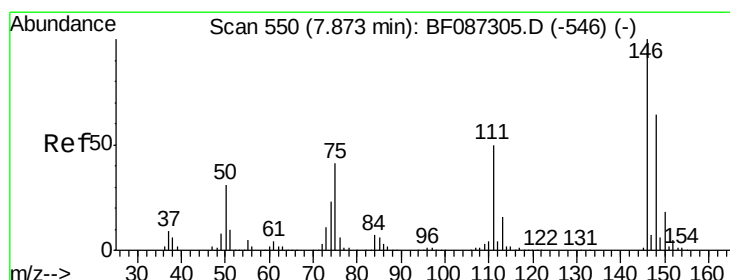
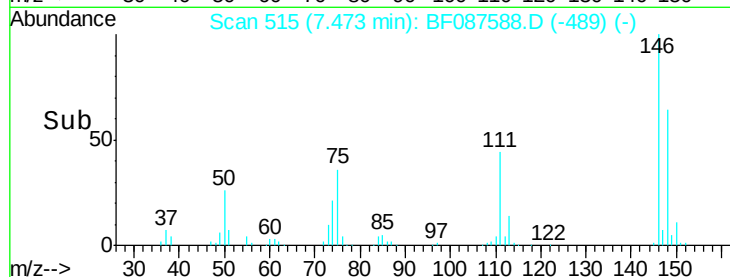
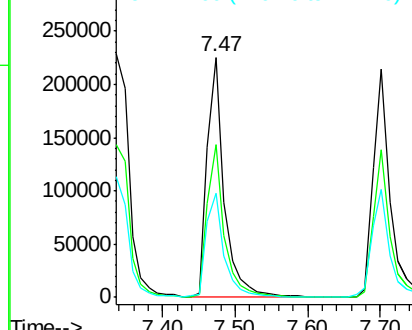
111 43.6 30.7 46.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.83 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

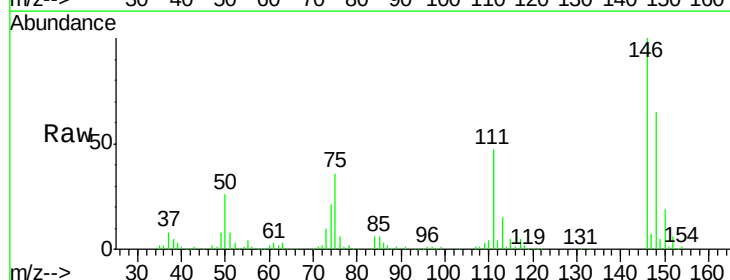
Tgt Ion:146 Resp: 353580

Ion Ratio Lower Upper

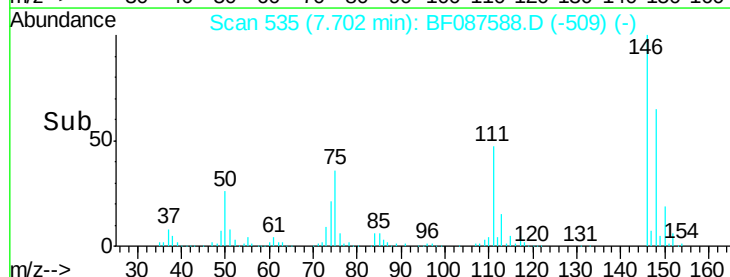
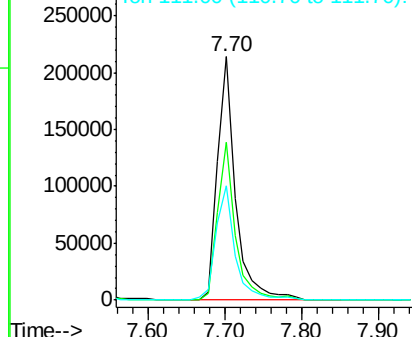
146 100

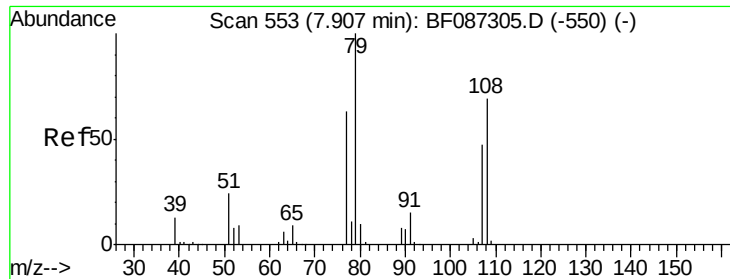
148 64.8 51.0 76.6

111 47.2 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.12 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

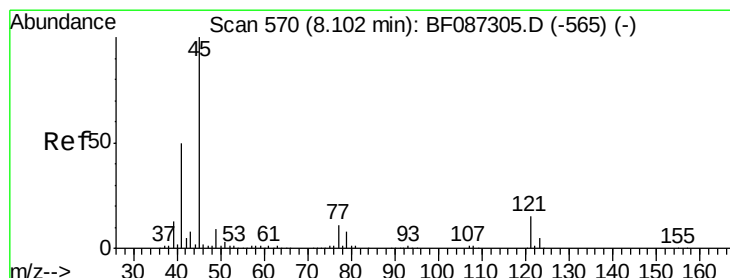
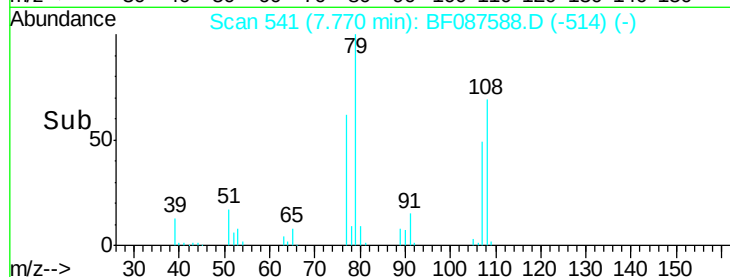
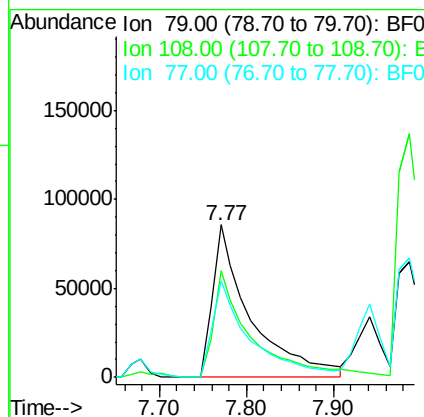
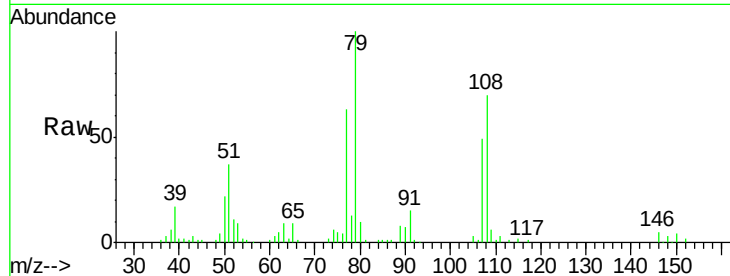
ClientSampleId :

HSR-WC-48-052616MSD

Tot Ion:	79	Resp:	259835
Ion Ratio	Lower	Upper	
79	100		
108	70.1	68.4	102.6
77	63.4	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.04 ng

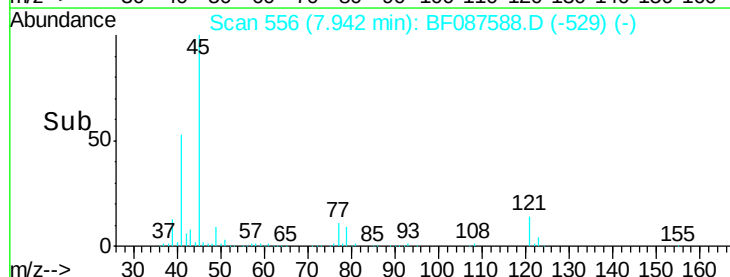
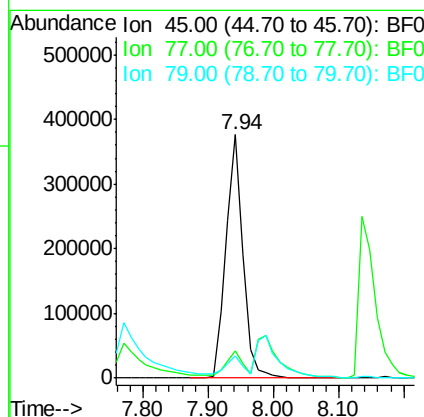
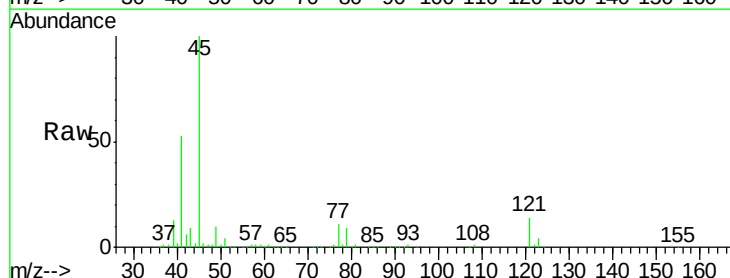
RT: 7.94 min Scan# 556

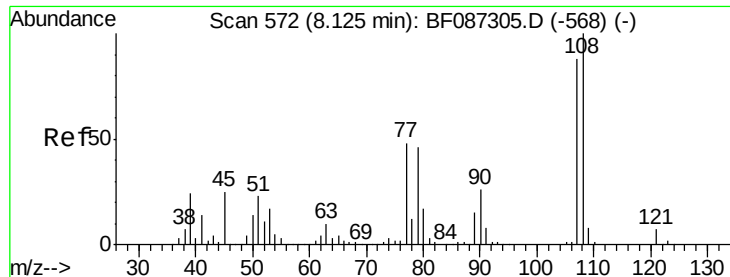
Delta R.T. 0.01 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Tgt Ion:	45	Resp:	675953
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	36.4
79	9.1	0.0	33.4





#17

2-Methylphenol

Concen: 51.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.01 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

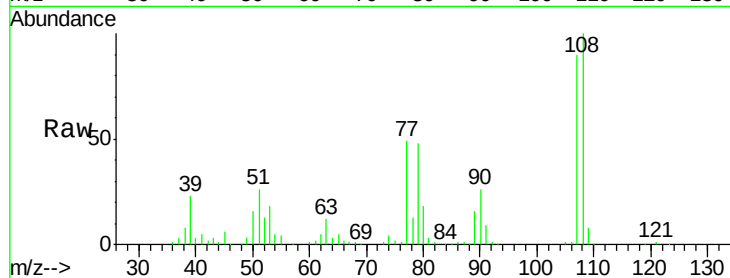
ClientSampleId :

HSR-WC-48-052616MSD

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Tot Ion	Ratio	Resp	Lower	Upper
107	100	297905		
108	111.0	93.7	140.5	
77	54.2	33.4	50.0	
79	53.0	34.3	51.5	



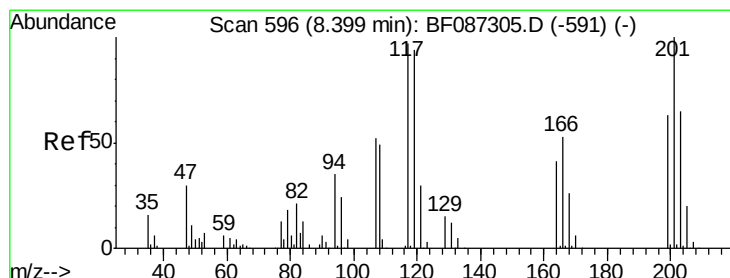
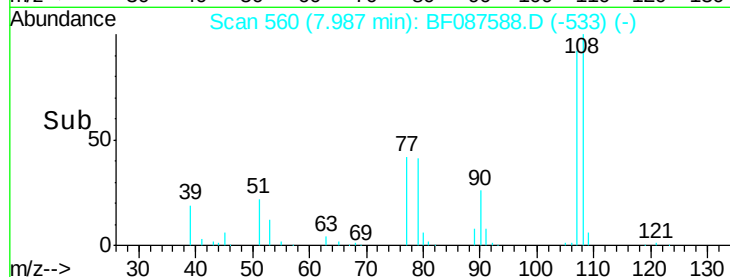
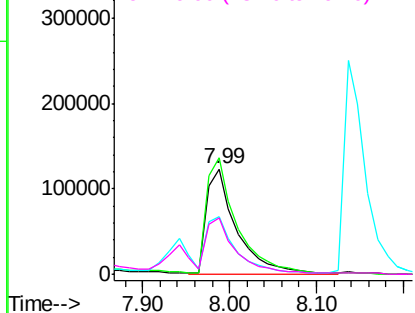
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 47.50 ng

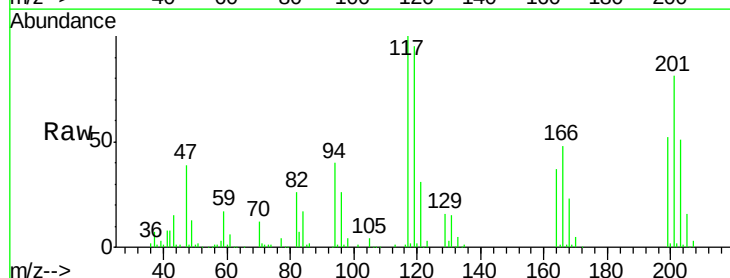
RT: 8.20 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	144628		
119	95.5	76.5	114.7	
201	81.1	63.0	94.6	

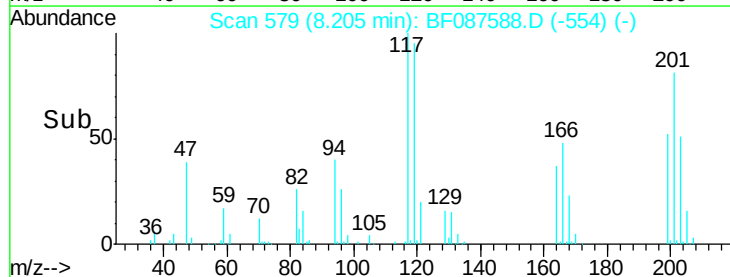
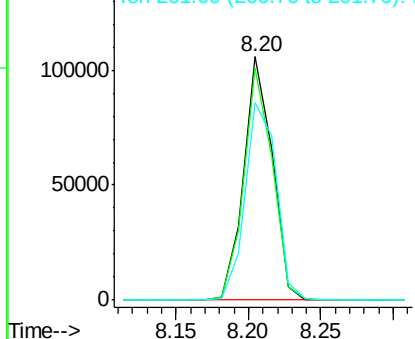


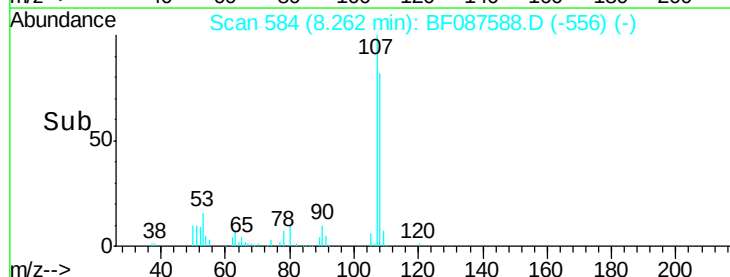
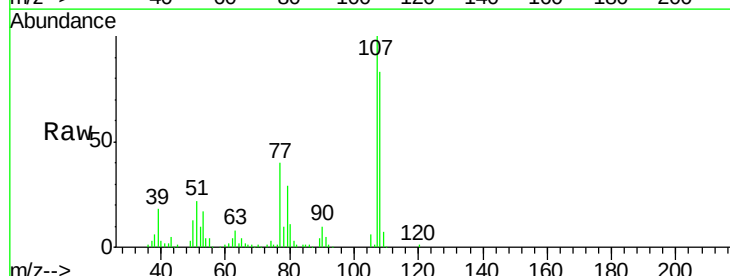
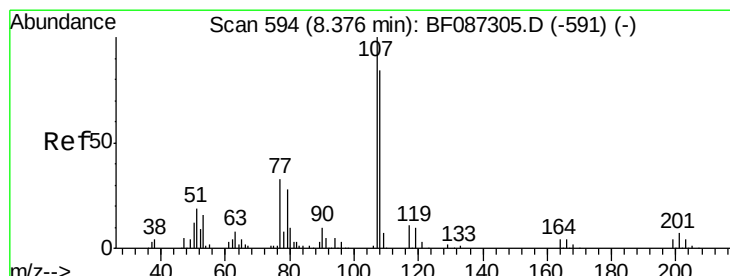
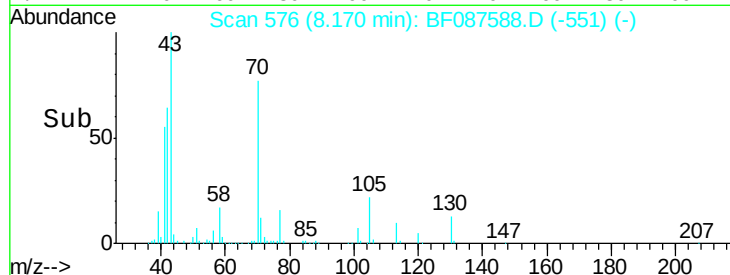
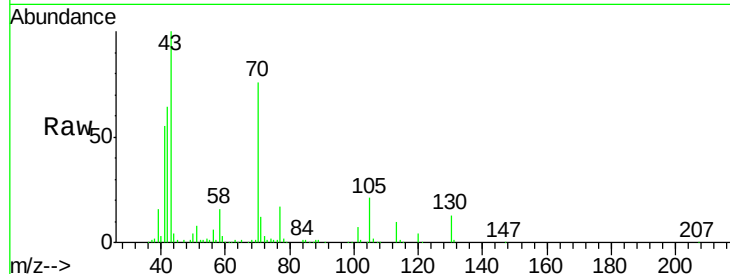
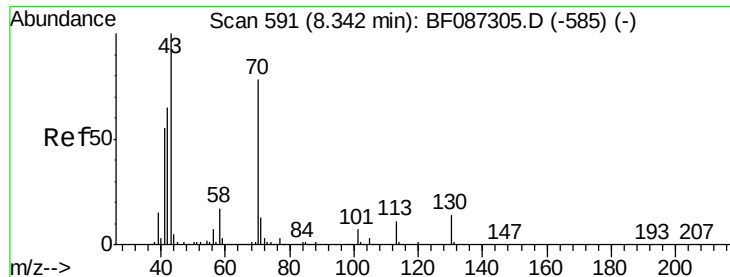
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

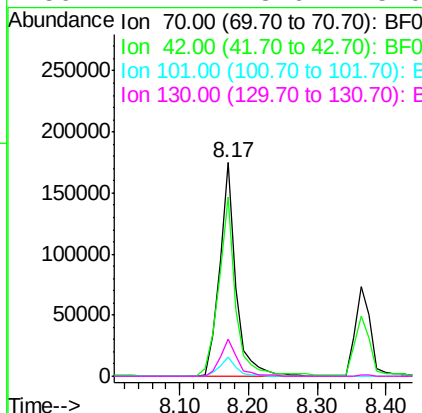
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 49.83 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		293532		
42	83.9	43.1	64.7#		
101	9.2	8.1	12.1		
130	17.2	18.6	28.0#		



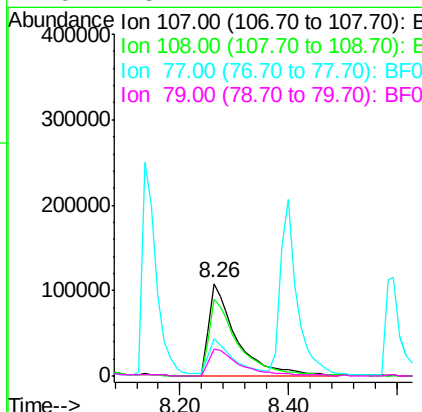
Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

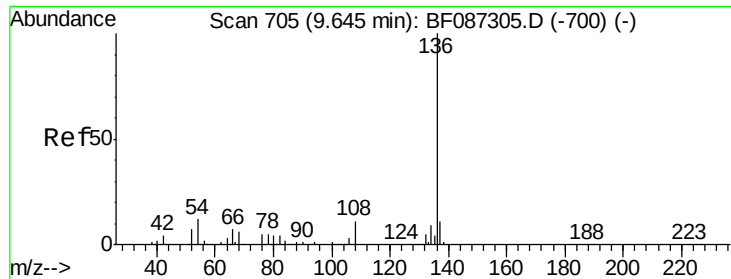
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#20
3+4-Methylphenols
Concen: 54.03 ng
RT: 8.26 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		381597		
108	83.2	68.5	108.5		
77	39.7	101.6	141.6#		
79	28.7	7.4	47.4		





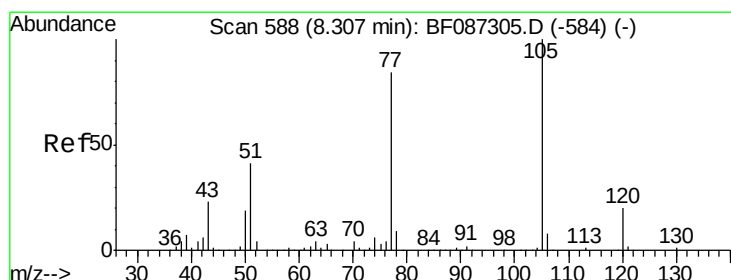
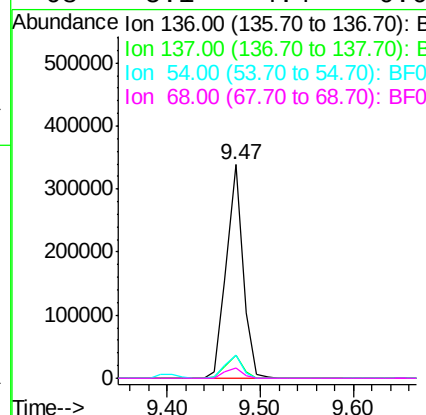
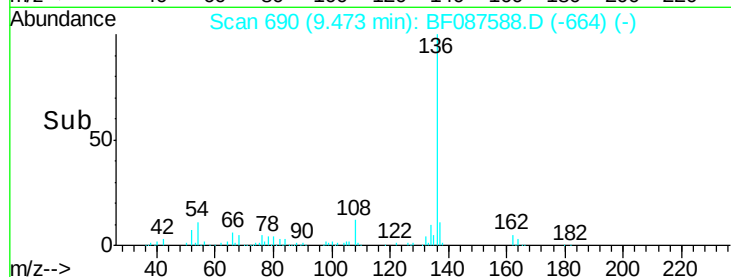
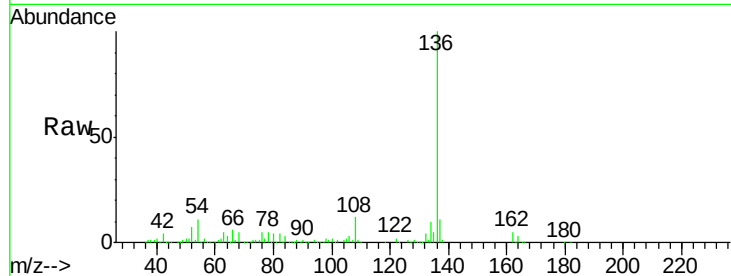
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		423608		
137	10.9		8.8	13.2	
54	10.7		5.0	7.4	
68	5.1		4.4	6.6	

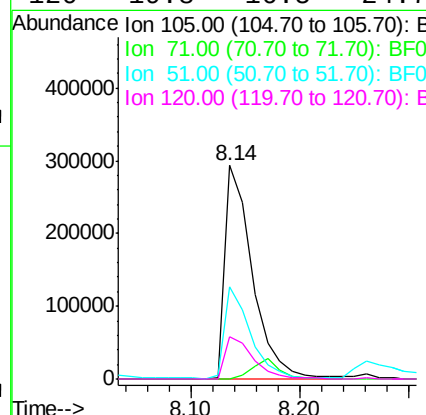
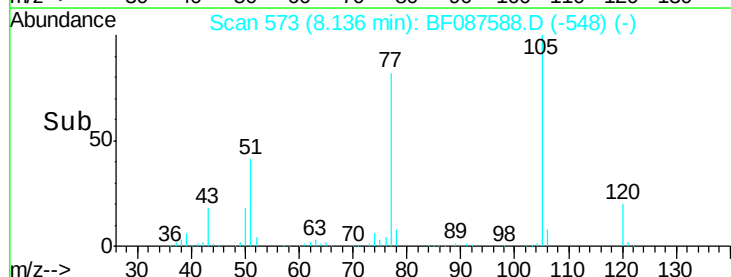
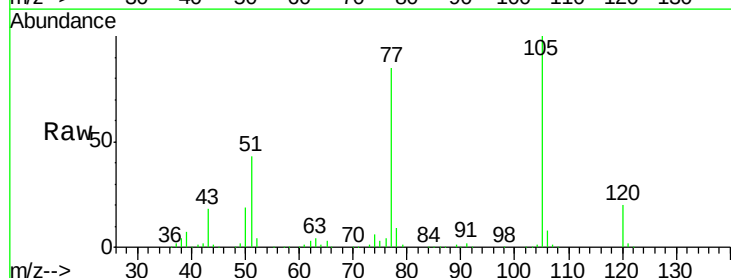
Manual Integrations
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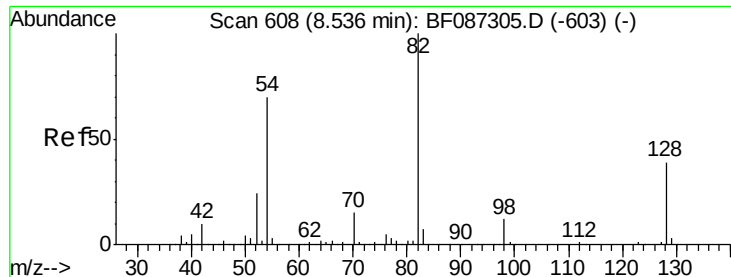
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#22
Acetophenone
Concen: 51.11 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		517195		
71	0.1		4.8	7.2	
51	43.0		32.6	49.0	
120	19.8		16.5	24.7	





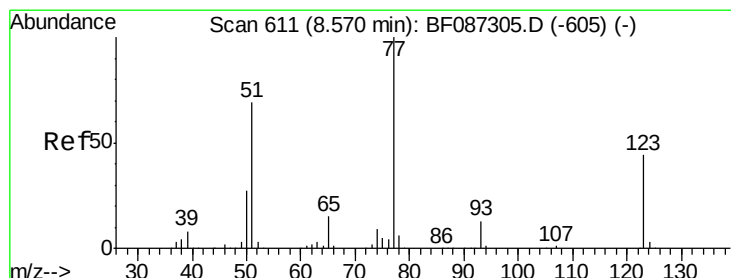
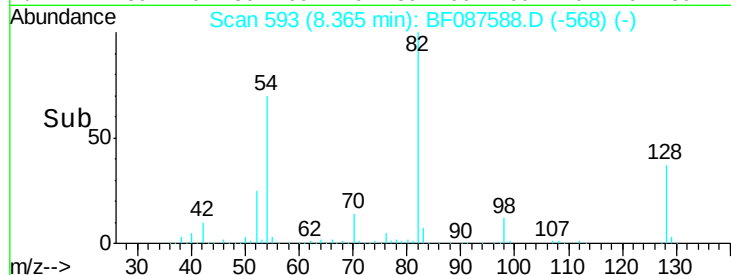
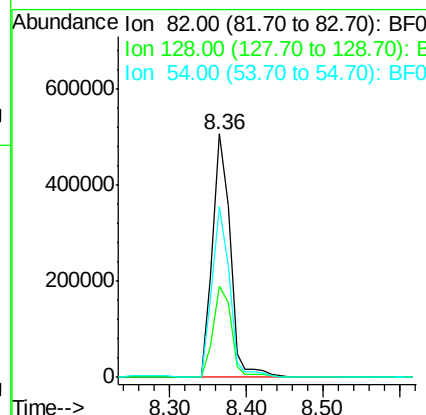
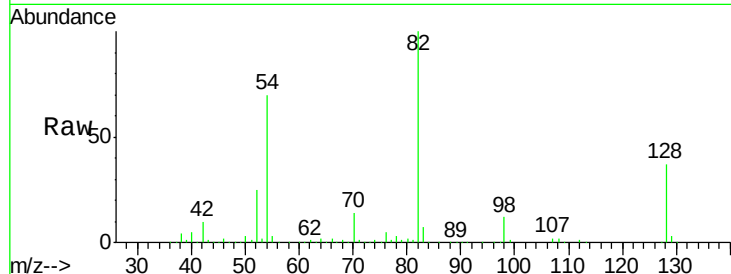
#23
 Nitrobenzene-d5
 Concen: 96.76 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	813270		
128	37.5	40.6	61.0#	
54	70.1	38.1	57.1#	

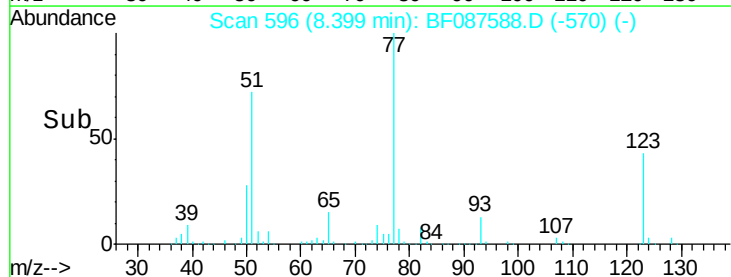
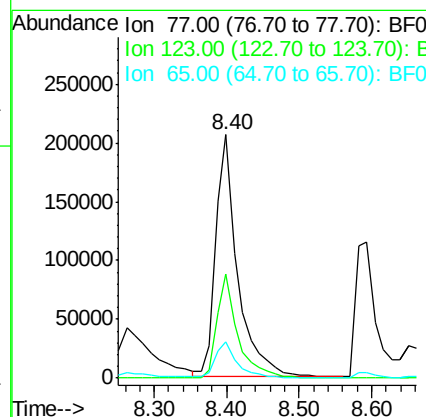
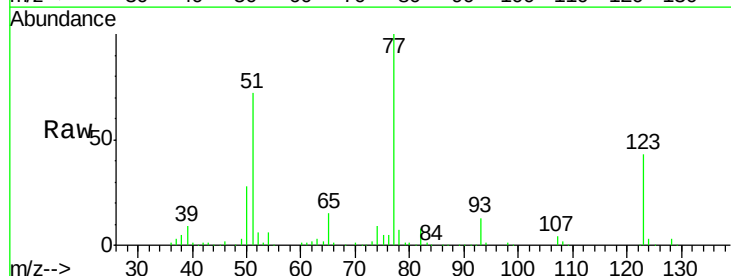
Manual Integrations
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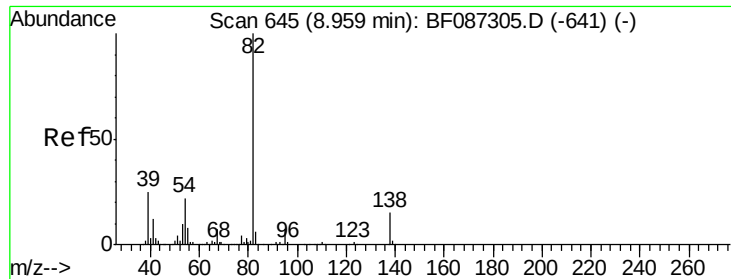
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#24
 Nitrobenzene
 Concen: 48.37 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	429120		
123	42.6	33.0	49.4	
65	15.2	10.8	16.2	





#25

Isophorone

Concen: 48.13 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

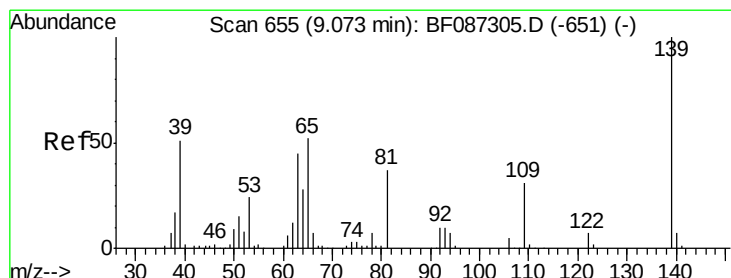
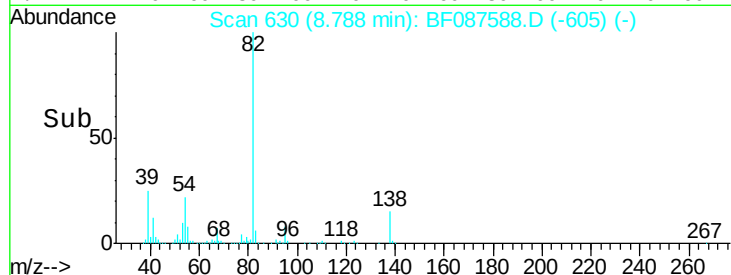
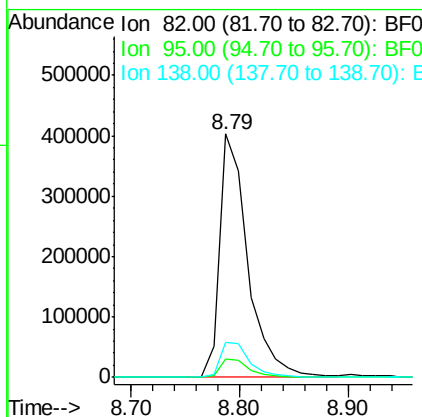
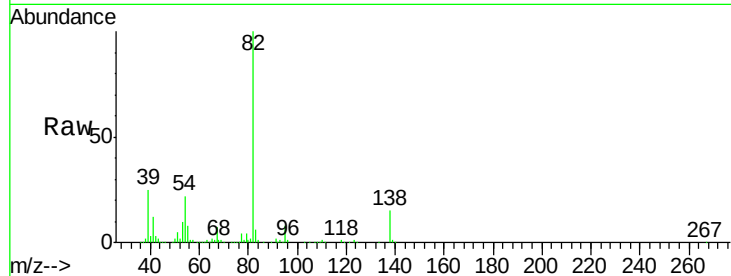
ClientSampleId :

HSR-WC-48-052616MSD

Tot Ion:	82	Resp:	725541
Ion Ratio		Lower	Upper
82	100		
95	7.7	5.1	7.7
138	14.5	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.25 ng

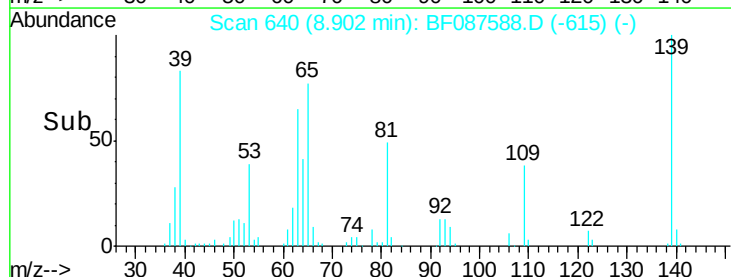
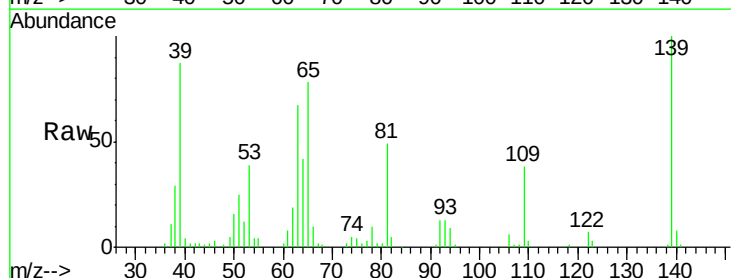
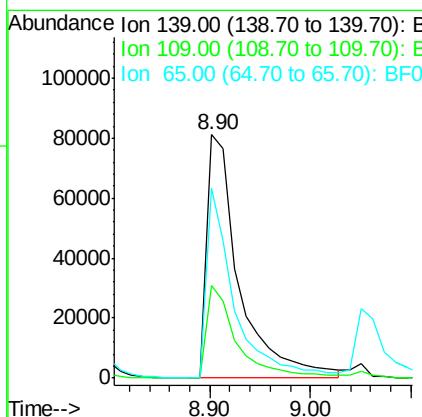
RT: 8.90 min Scan# 640

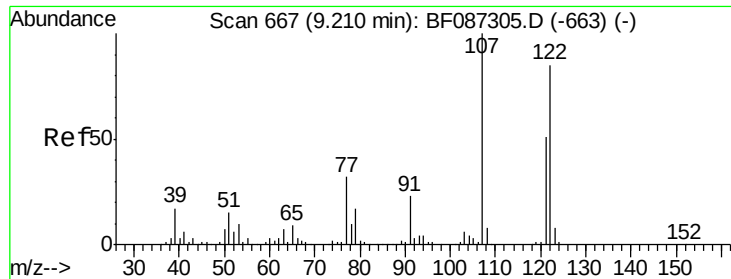
Delta R.T. -0.01 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Tgt Ion:	139	Resp:	182245
Ion Ratio		Lower	Upper
139	100		
109	37.9	19.5	29.3#
65	77.9	37.5	56.3#





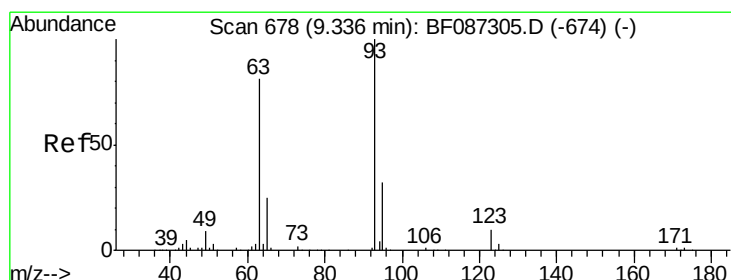
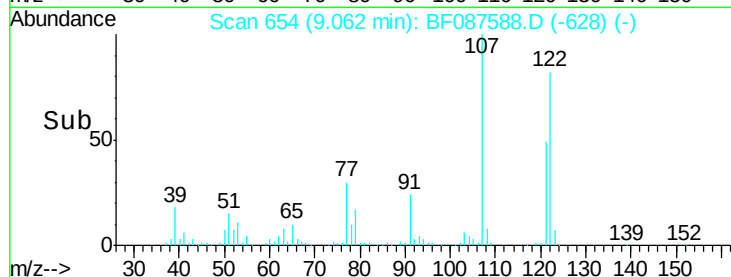
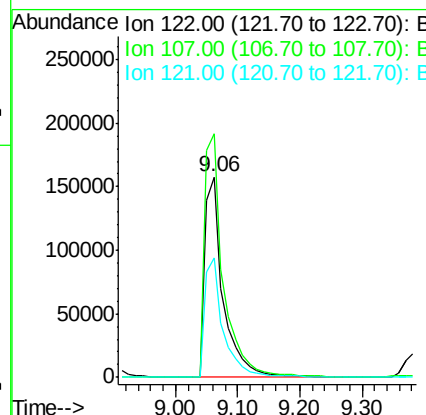
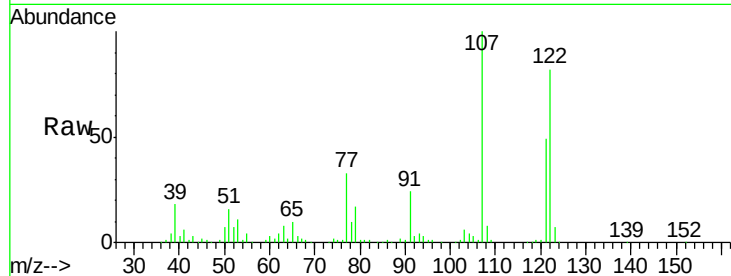
#27
 2,4-Dimethylphenol
 Concen: 51.62 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	324989		
107	121.5	82.0	123.0	
121	59.8	46.1	69.1	

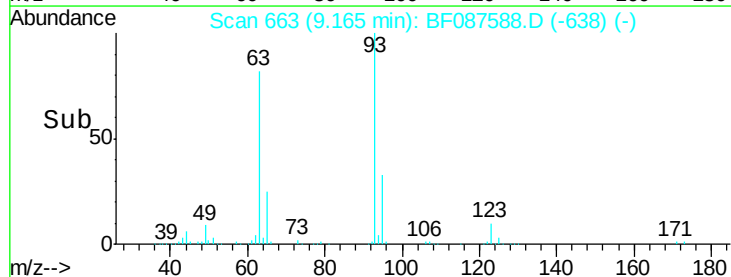
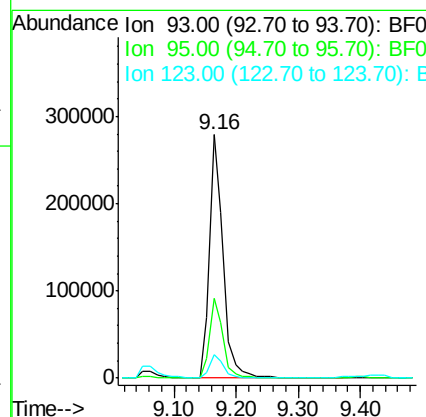
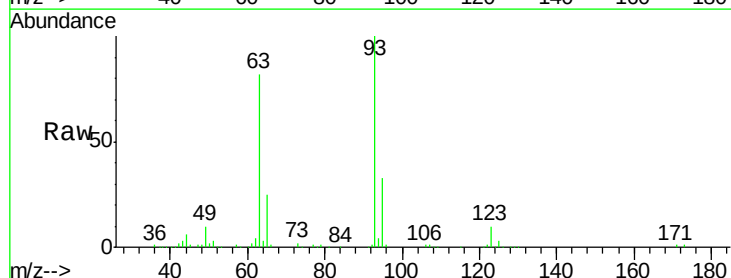
Manual Integrations
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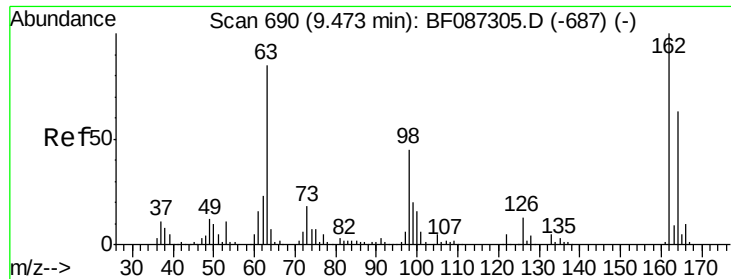
sohil
 6/1/2016 6:34:15 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.82 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	423014		
95	33.0	26.0	39.0	
123	9.7	9.5	14.3	





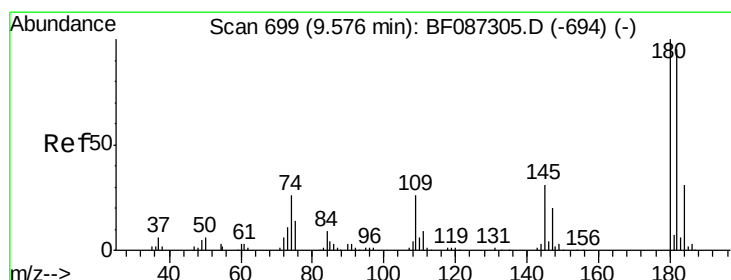
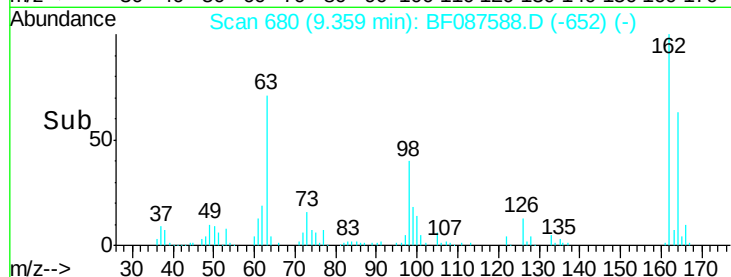
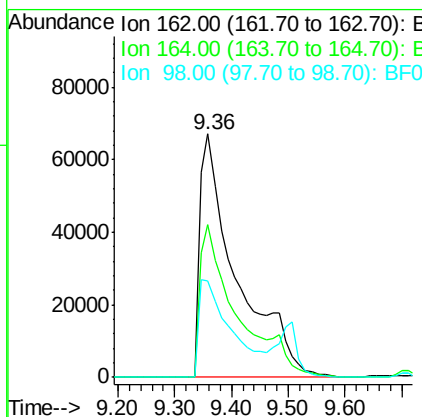
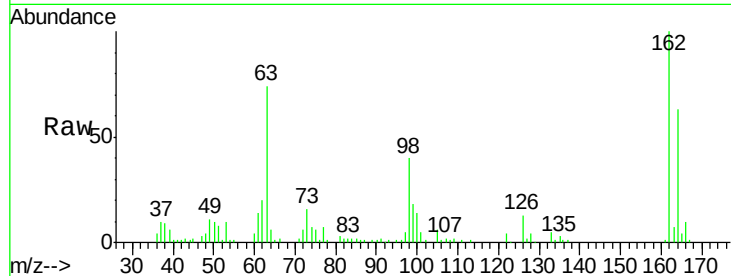
#29
 2,4-Dichlorophenol
 Concen: 52.54 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.02 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	298118		
164	62.7	42.2	82.2	
98	39.6	19.0	59.0	

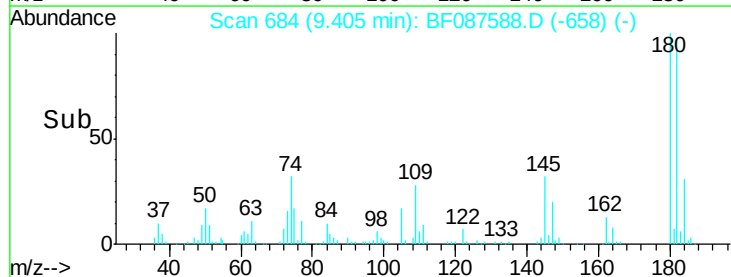
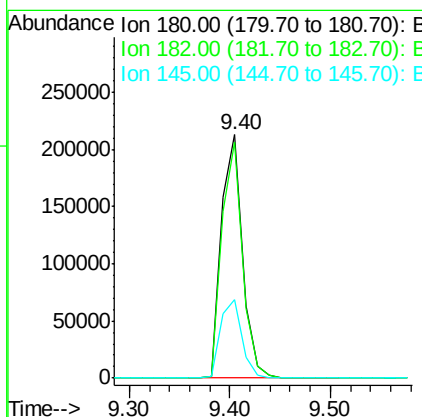
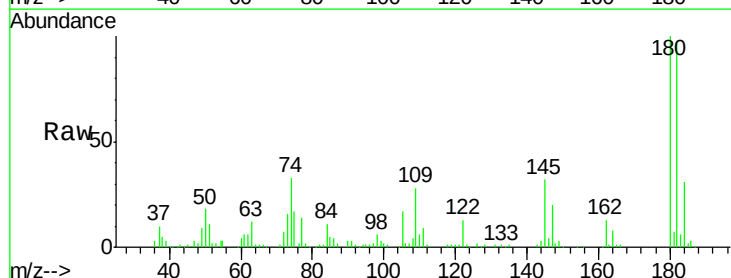
Manual Integrations
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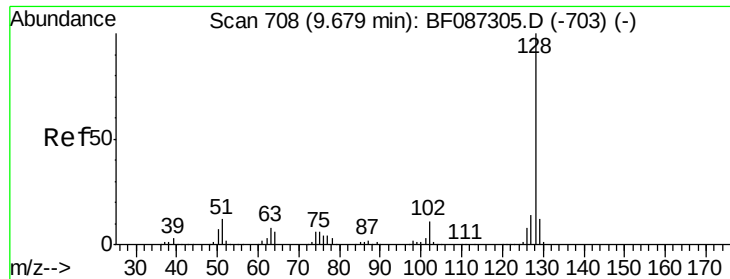
sohil
 6/1/2016 6:34:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.60 ng
 RT: 9.40 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	309160		
182	96.8	78.0	117.0	
145	32.1	24.2	36.2	





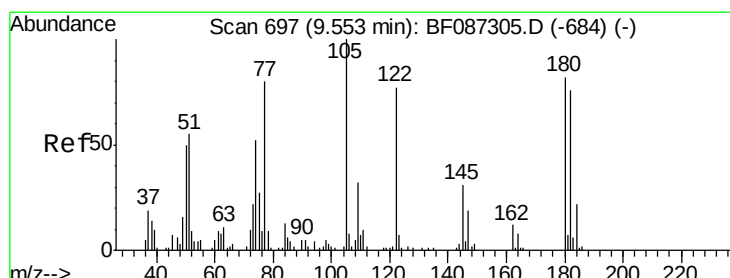
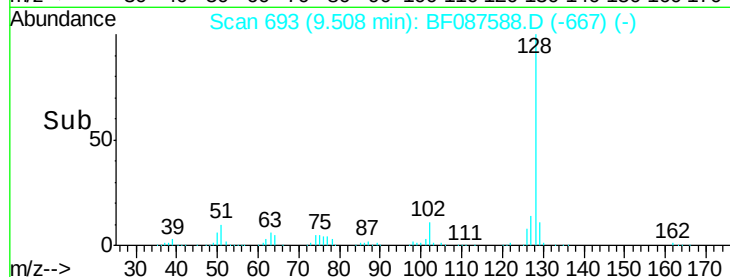
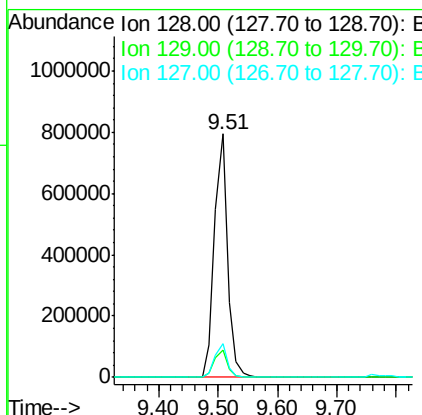
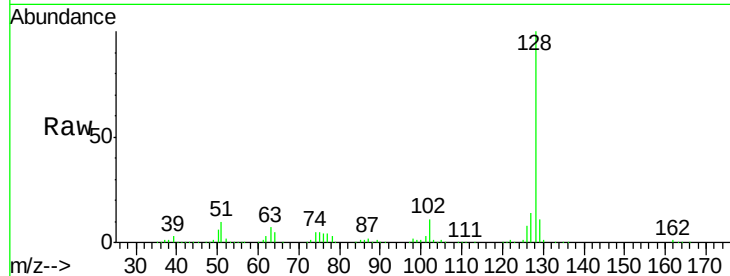
#31
Naphthalene
Concen: 57.45 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion:128 Resp: 1219429
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.6 10.8 16.2

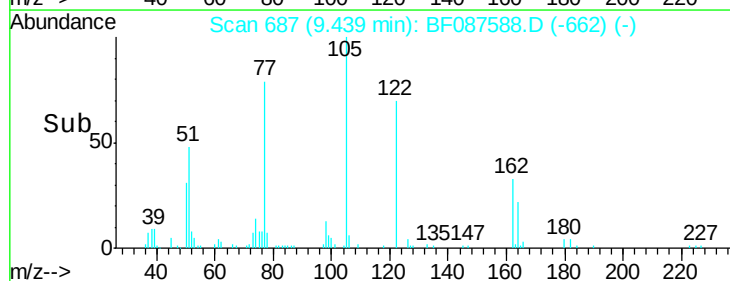
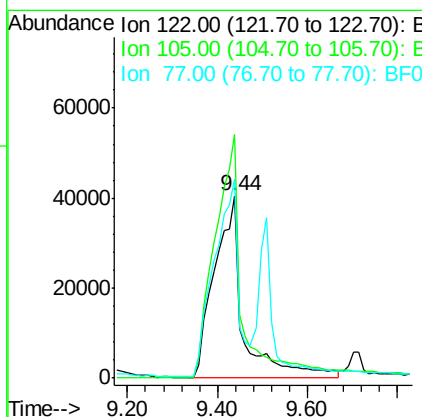
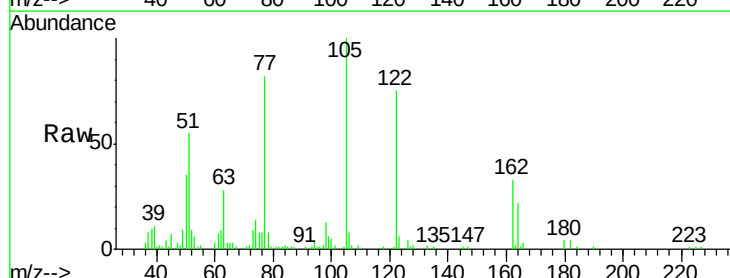
Manual Integrations
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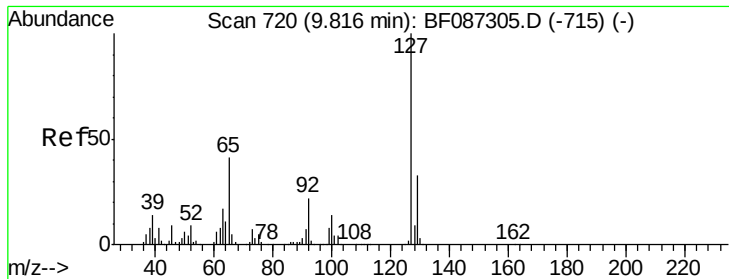
sohil
6/1/2016 6:34:15 PM



#32
Benzoic acid
Concen: 54.82 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion:122 Resp: 180772
Ion Ratio Lower Upper
122 100
105 133.5 92.6 132.6#
77 108.9 60.0 100.0#





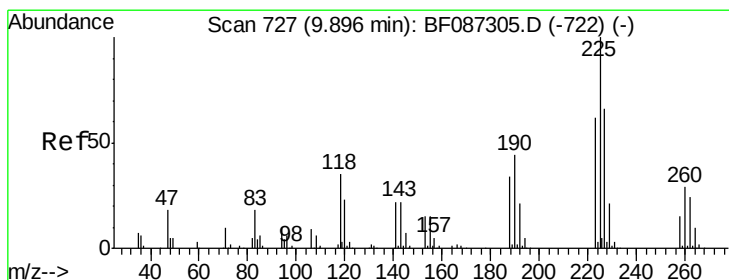
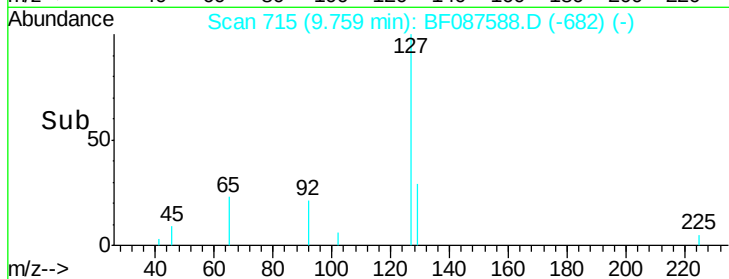
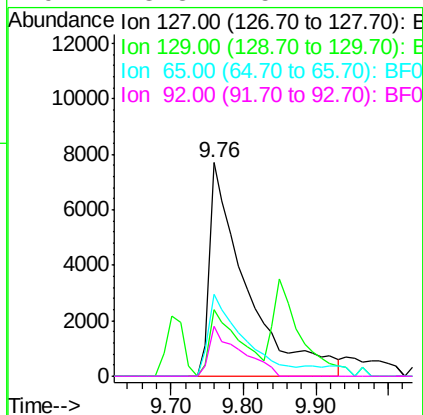
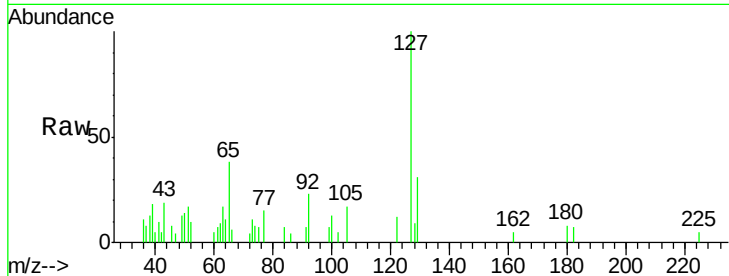
#33
 4-Chloroaniline
 Concen: 3.48 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.08 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		27171		
129	30.9	26.2	39.4		
65	38.3	23.0	34.4		
92	23.3	15.1	22.7		

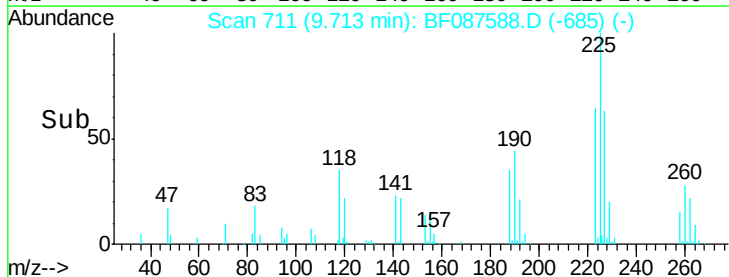
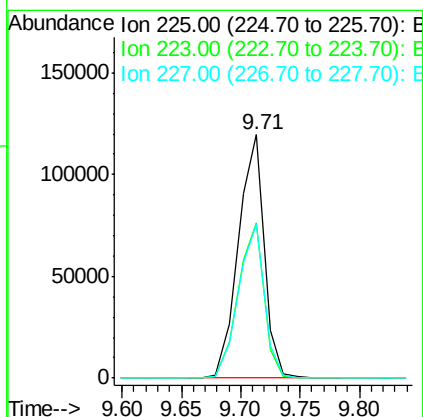
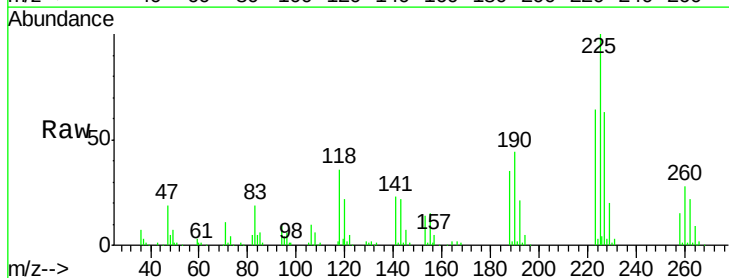
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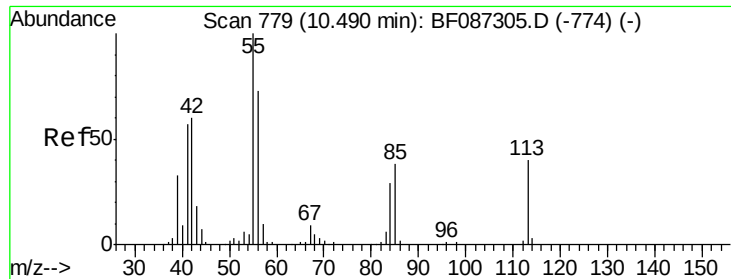
sohil
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#34
 Hexachlorobutadiene
 Concen: 45.91 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		181271		
223	63.8	51.5	77.3		
227	63.1	52.2	78.2		





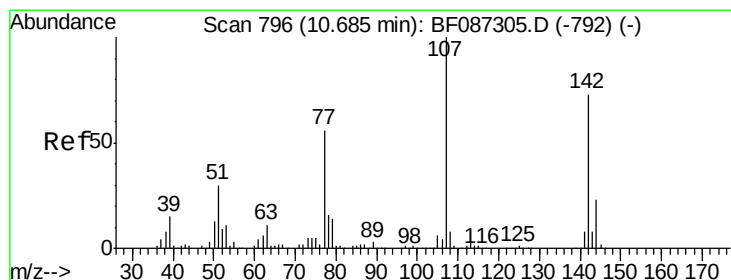
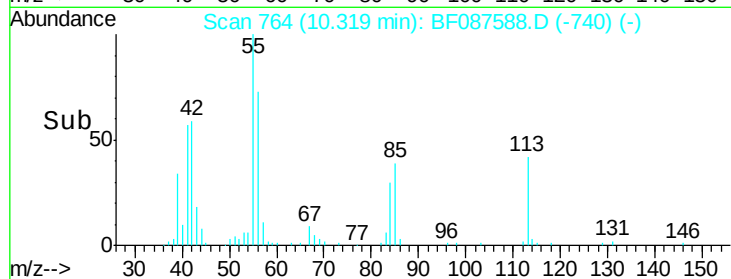
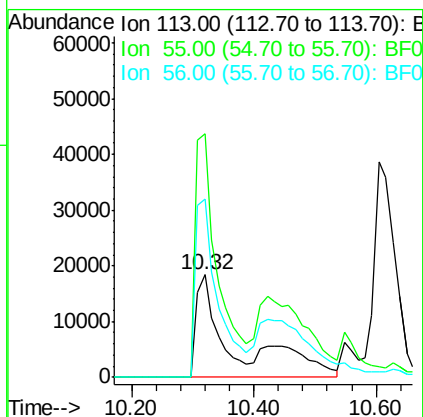
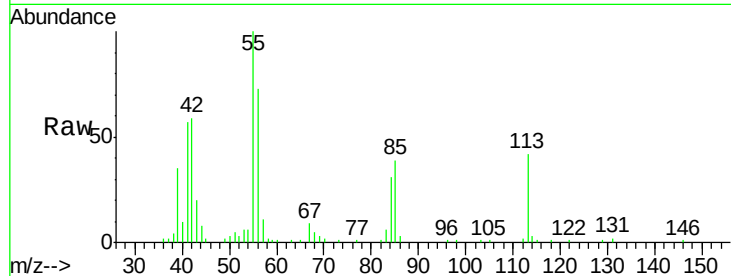
#35
Caprolactam
Concen: 47.36 ng/ml
RT: 10.32 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	237.5	162.0	202.0		
56	173.4	115.3	155.3		

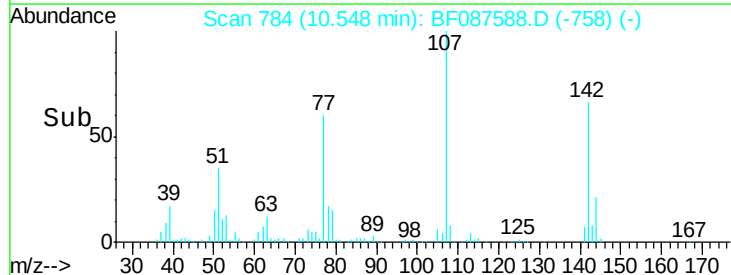
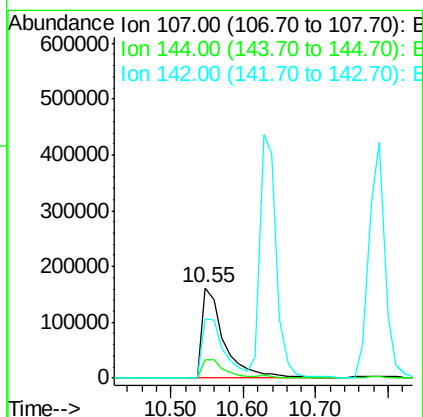
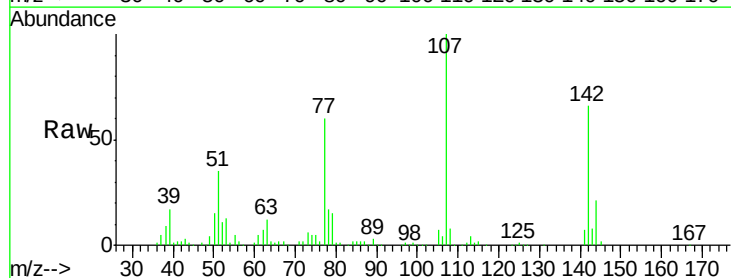
Manual Integrations
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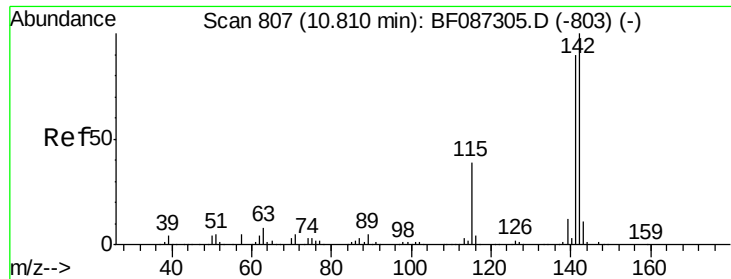
sohil
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#36
4-Chloro-3-methylphenol
Concen: 54.05 ng/ml
RT: 10.55 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	20.9	20.7	31.1		
142	65.5	63.2	94.8		





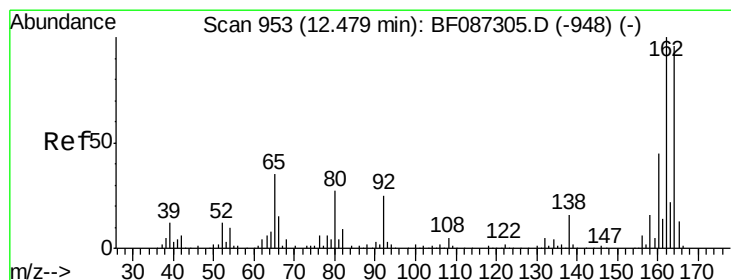
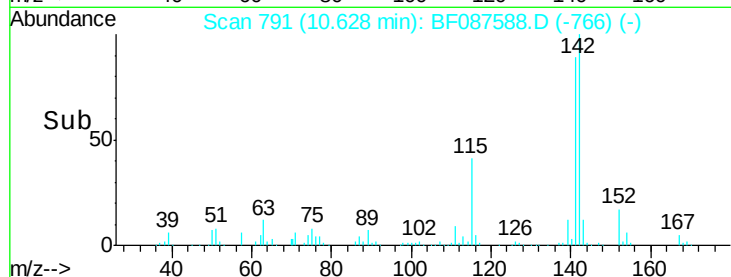
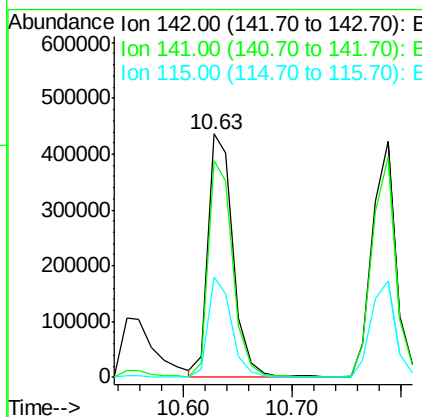
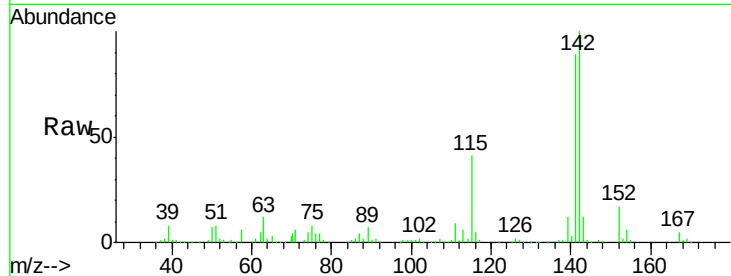
#37
2-Methylnaphthalene
Concen: 53.16 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	41.3	26.6	39.8

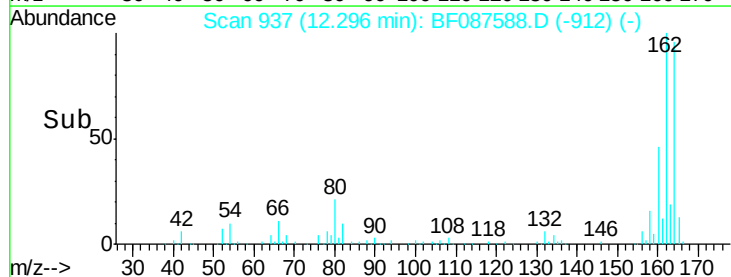
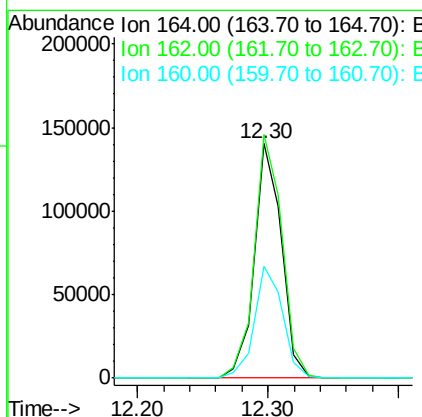
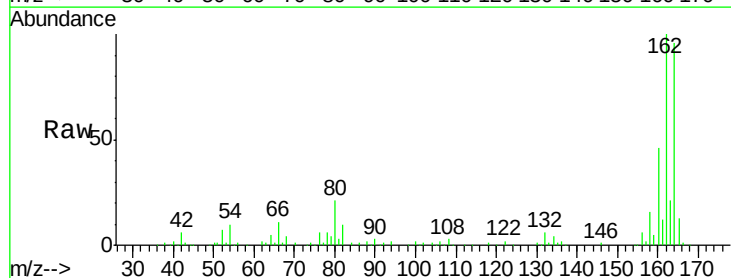
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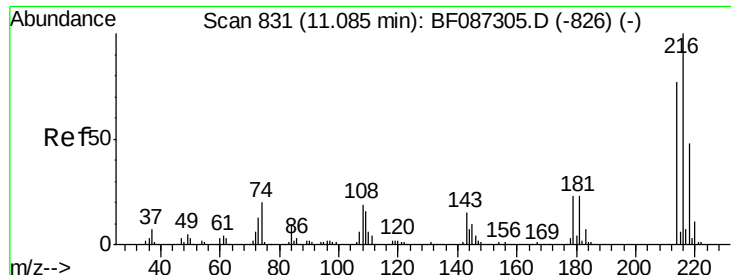
sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.8	124.2
160	47.6	36.9	55.3





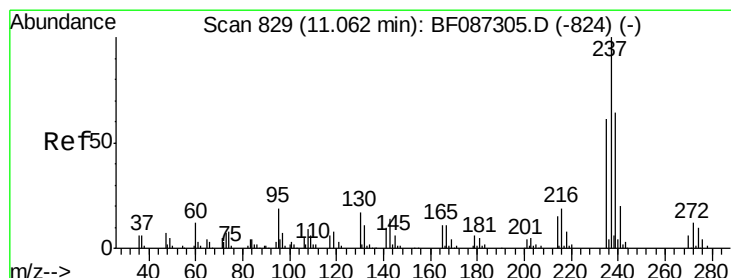
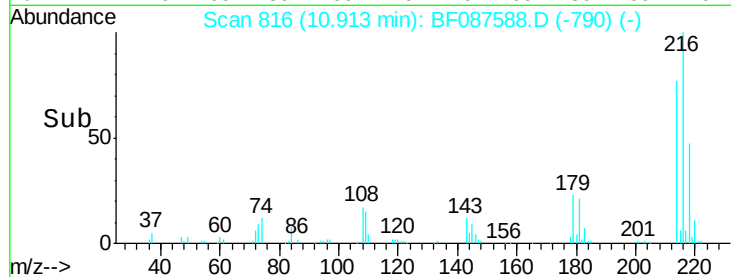
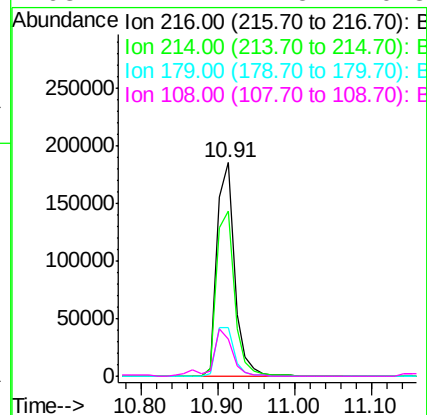
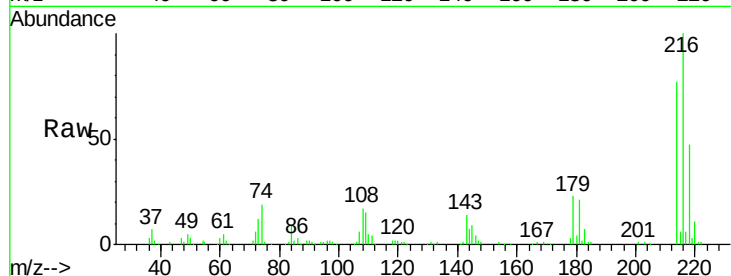
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.50 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		295713		
214	79.5	62.6	93.8		
179	24.1	18.2	27.4		
108	24.1	17.5	26.3		

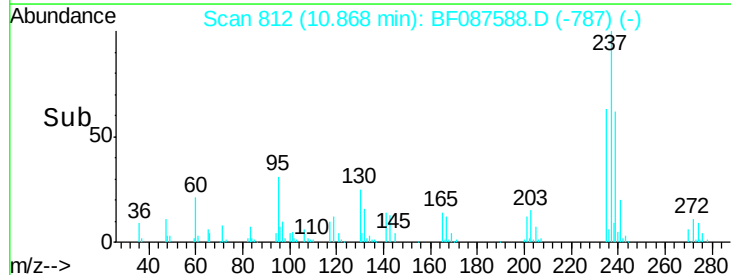
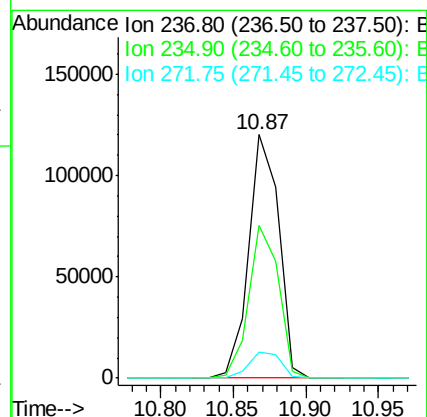
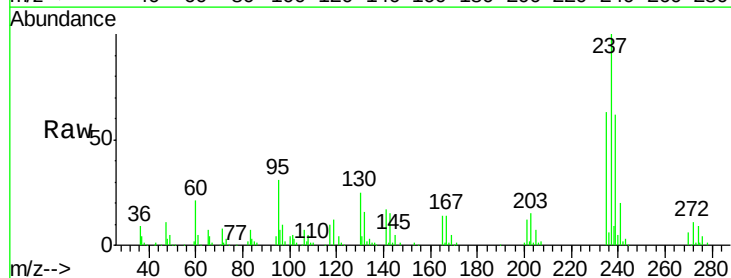
Manual Integrations
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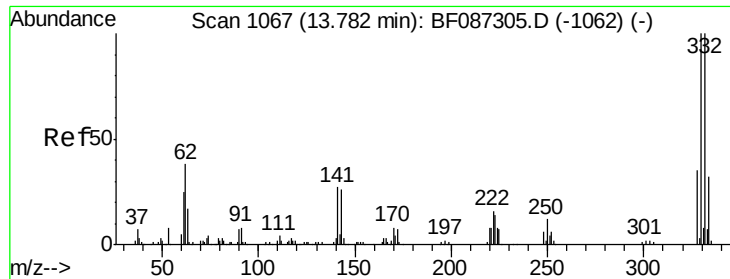
sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 66.48 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		172960		
235	62.9	47.2	87.2		
272	10.9	0.0	31.1		





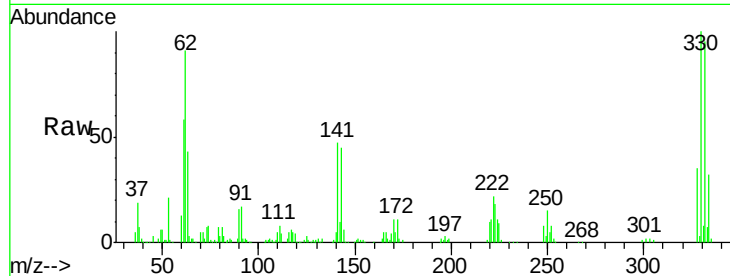
#41
 2,4,6-Tribromophenol
 Concen: 151.29 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	295183		
332	96.2	79.0	118.4	
141	41.6	31.2	46.8	

Manual Integrations
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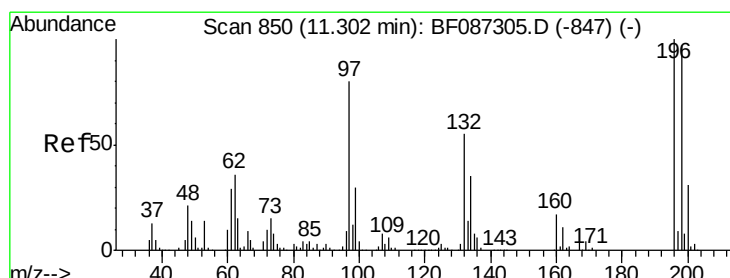
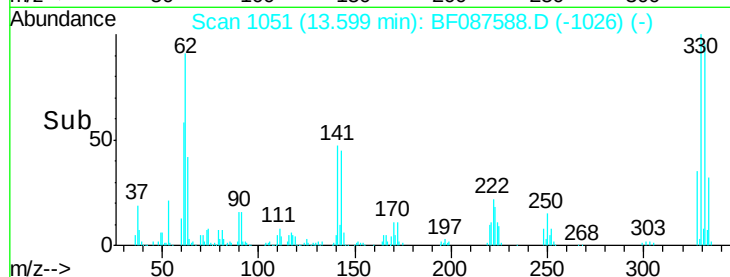
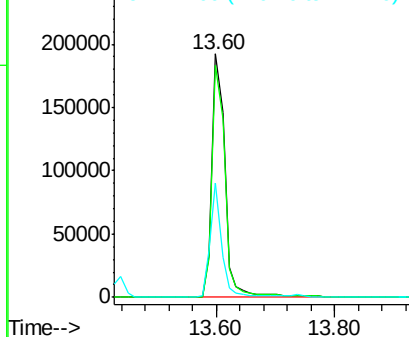


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 49.62 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

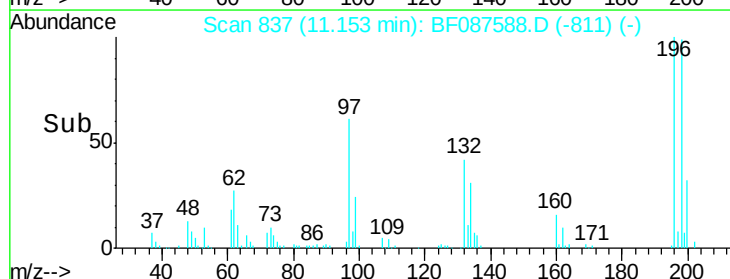
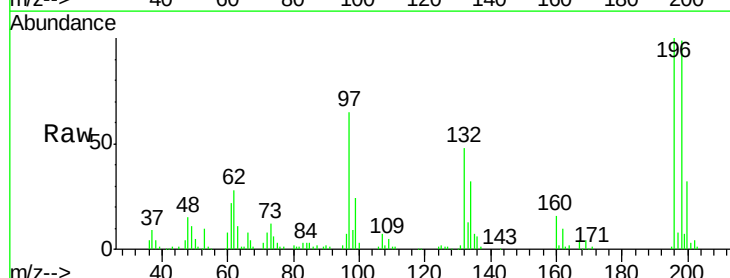
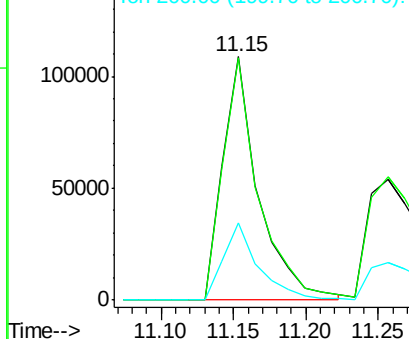
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186126		
198	99.4	74.7	112.1	
200	31.8	23.8	35.6	

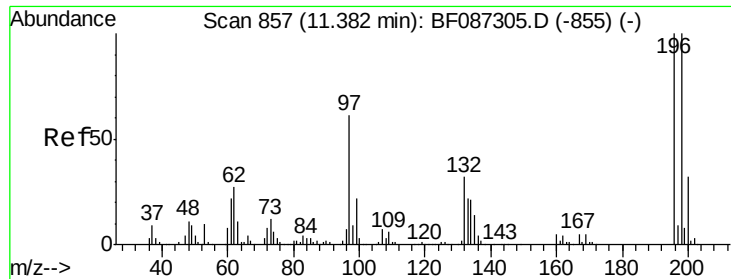
Abundance

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





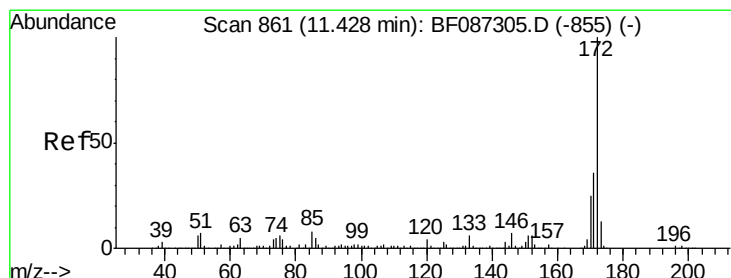
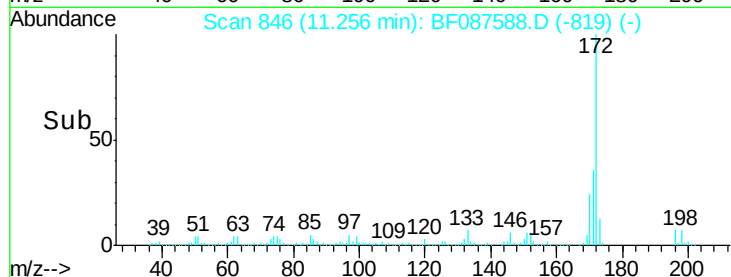
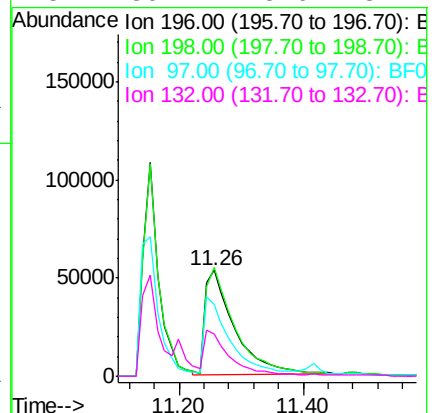
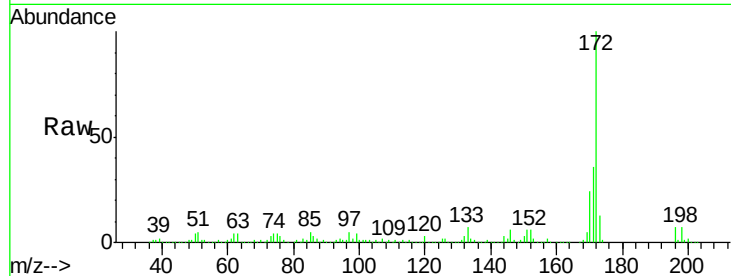
#43
 2,4,5-Trichlorophenol
 Concen: 46.38 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		177165		
198	102.7	77.5	116.3		
97	67.6	34.8	52.2#		
132	39.4	23.0	34.4#		

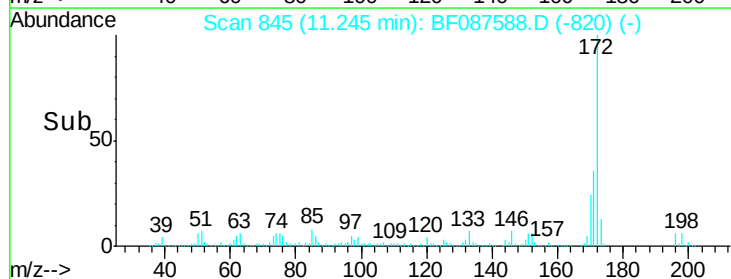
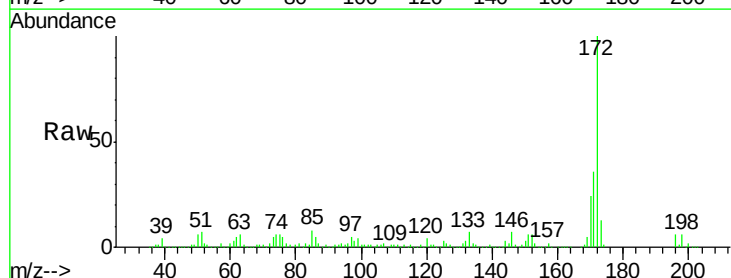
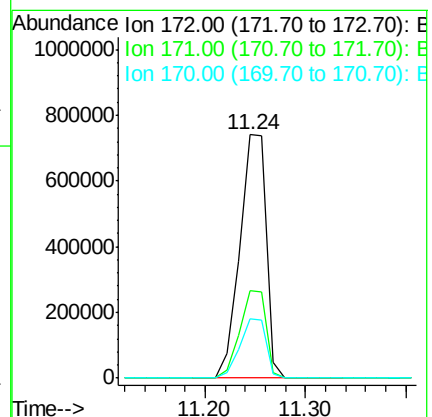
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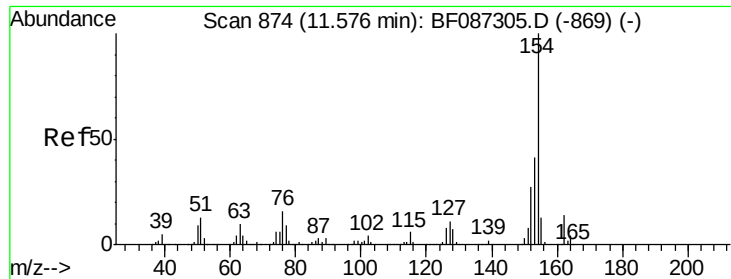
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#44
 2-Fluorobiphenyl
 Concen: 93.59 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1347841		
171	36.0	29.0	43.6		
170	24.4	19.8	29.8		





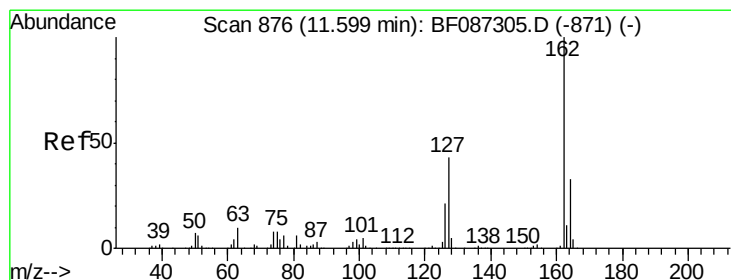
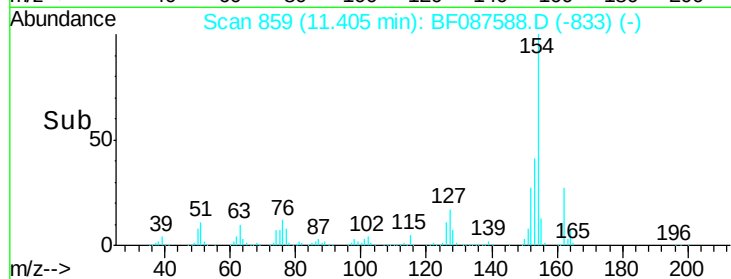
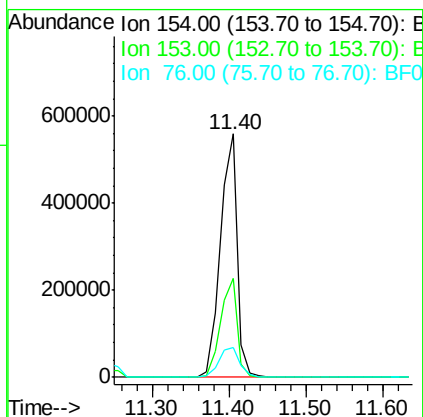
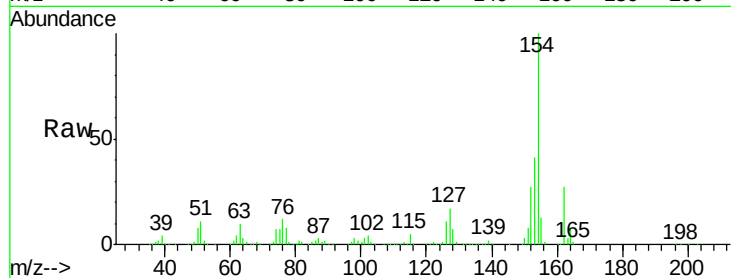
#45
 1,1'-Biphenyl
 Concen: 50.37 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100	861088		
153	40.6	20.3	60.3	
76	12.1	0.0	30.2	

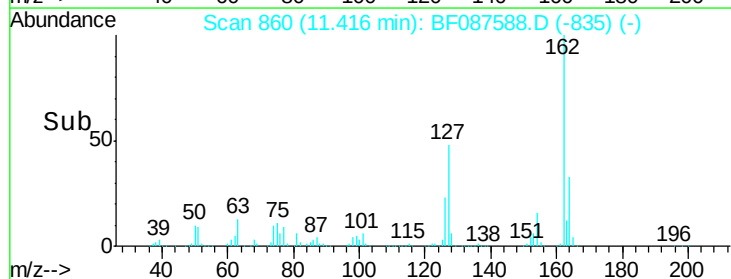
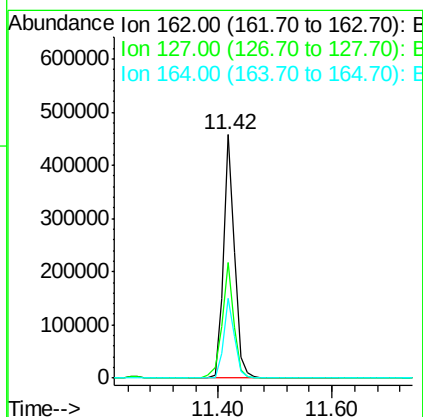
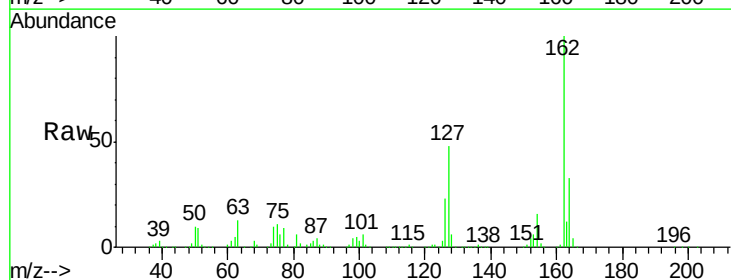
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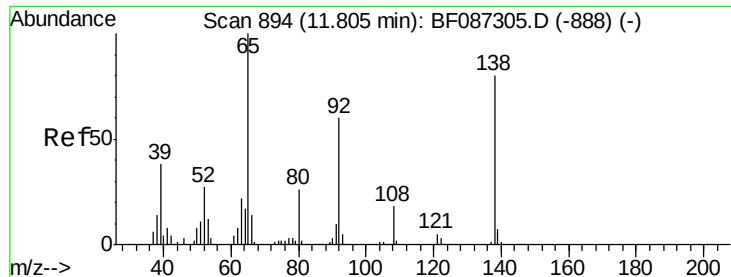
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#46
 2-Chloronaphthalene
 Concen: 47.78 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	624847		
127	47.6	31.8	47.6	
164	32.5	27.0	40.6	





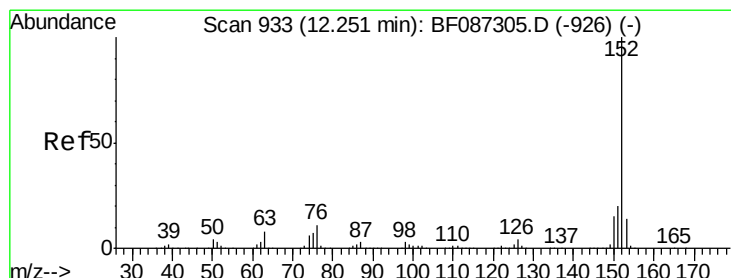
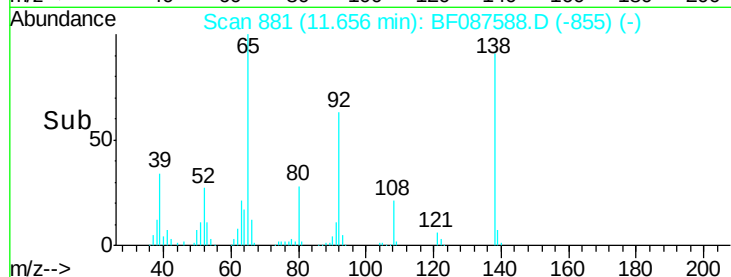
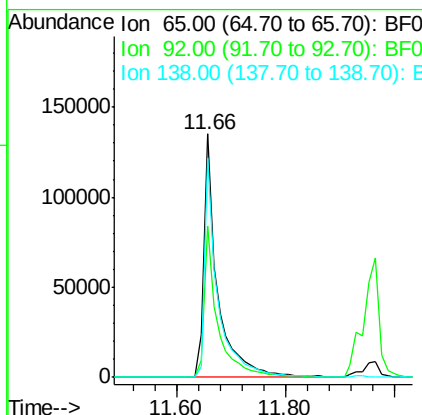
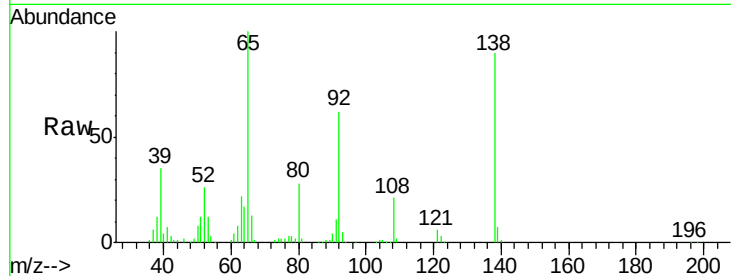
#47
2-Nitroaniline
Concen: 50.01 ng
RT: 11.66 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	235650		
92	62.4	57.4	86.2	
138	90.3	90.1	135.1	

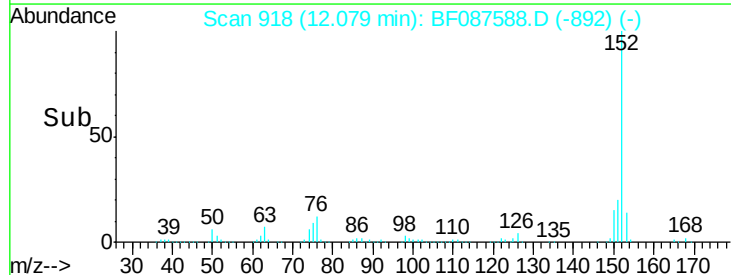
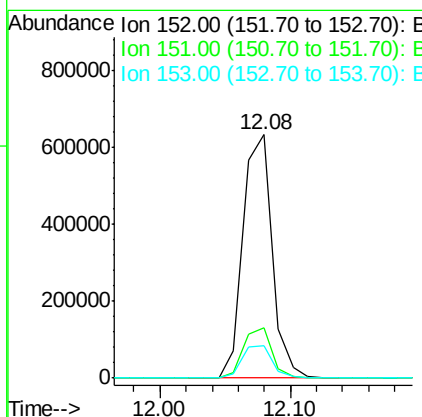
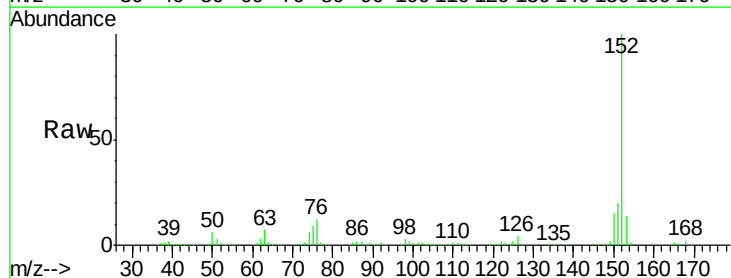
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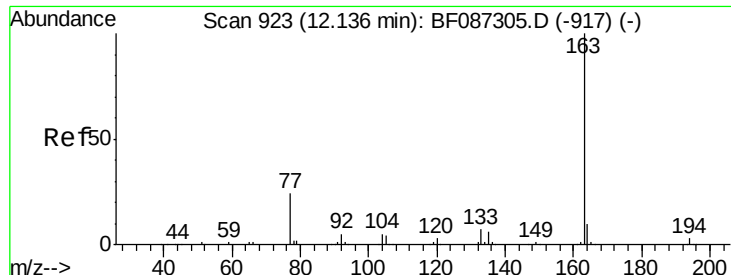
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#48
Acenaphthylene
Concen: 47.65 ng
RT: 12.08 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	986587		
151	20.4	16.8	25.2	
153	13.6	10.9	16.3	





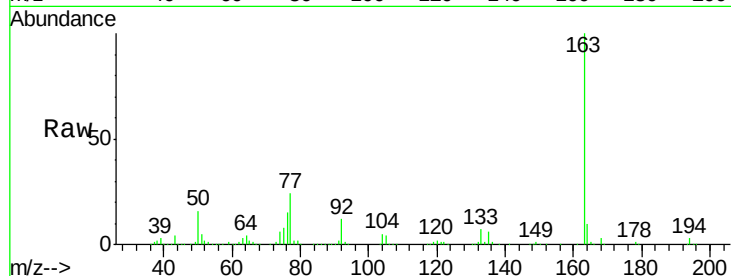
#49
Dimethylphthalate
Concen: 48.90 ng
RT: 11.96 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

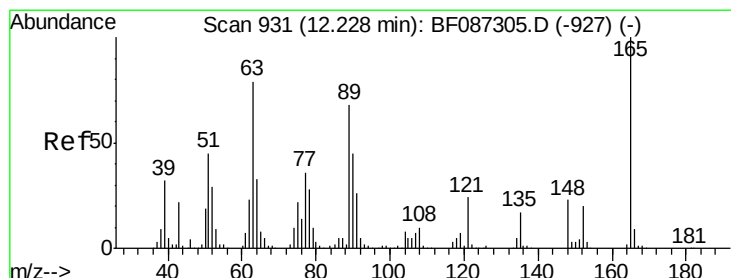
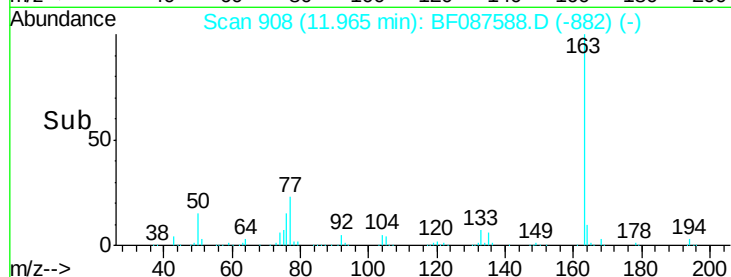
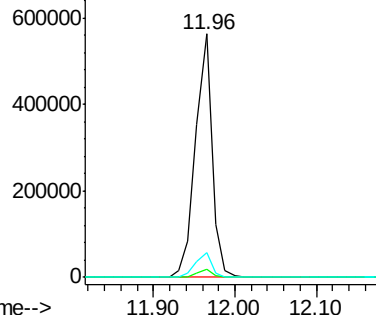
Tot Ion	Ratio	Resp	Lower	Upper
163	100	795282		
194	3.2	2.6	4.0	
164	9.9	8.2	12.4	

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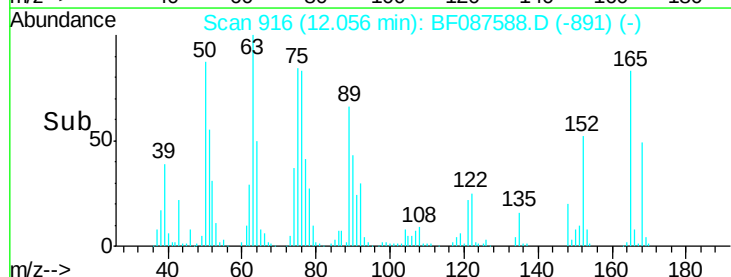
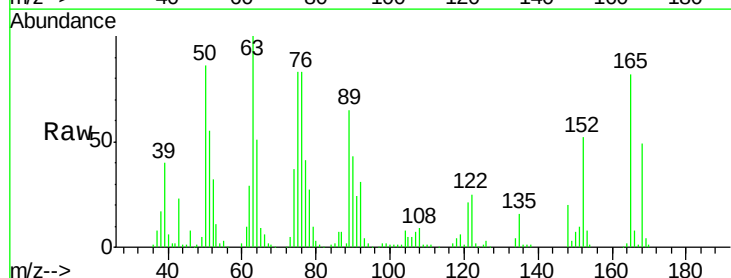
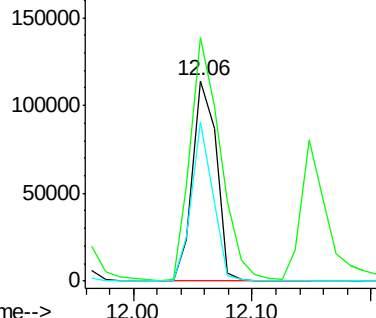
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

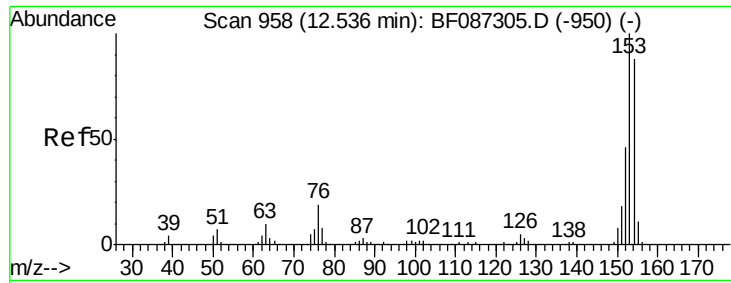


#50
2,6-Dinitrotoluene
Concen: 48.46 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	158821		
63	121.7	51.8	77.8#	
89	79.6	50.7	76.1#	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.84 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

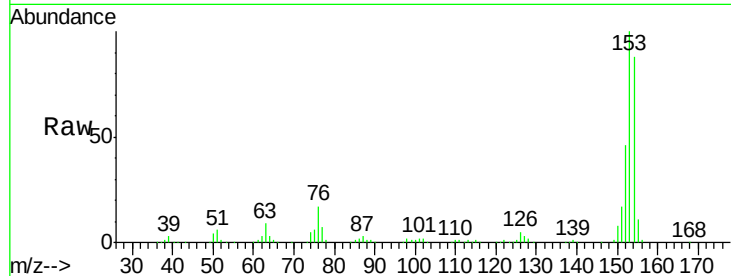
ClientSampleId :

HSR-WC-48-052616MSD

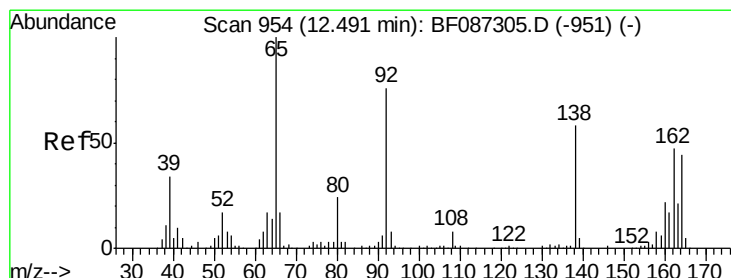
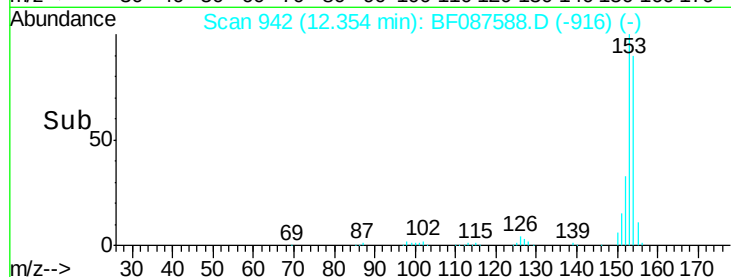
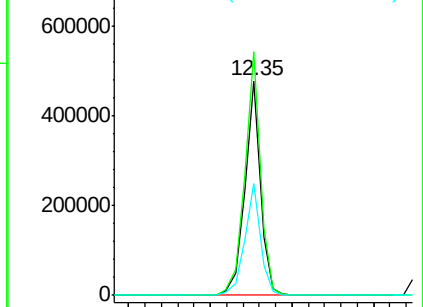
Tot Ion:	154	Resp:	634182
Ion Ratio	Lower	Upper	
154	100		
153	113.4	89.8	134.6
152	51.9	43.4	65.0

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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: 8.79 ng

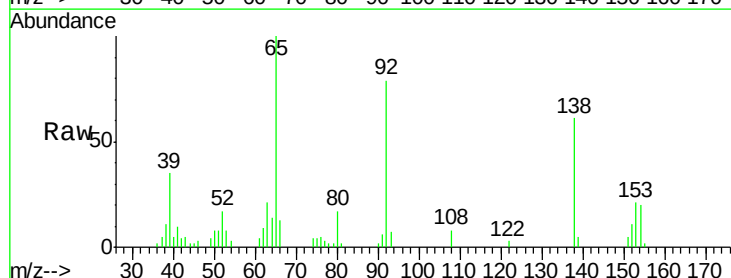
RT: 12.39 min Scan# 945

Delta R.T. 0.05 min

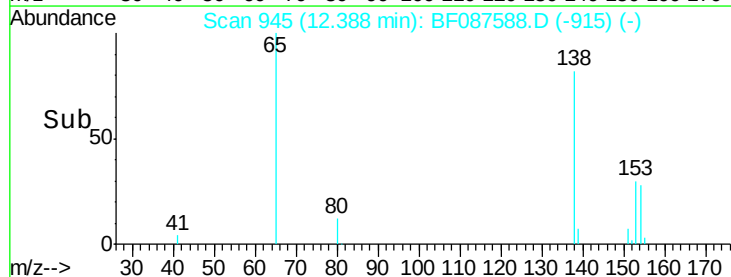
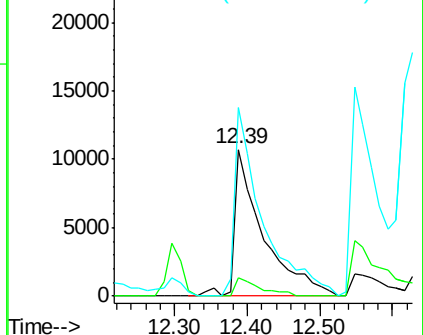
Lab File: BF087588.D

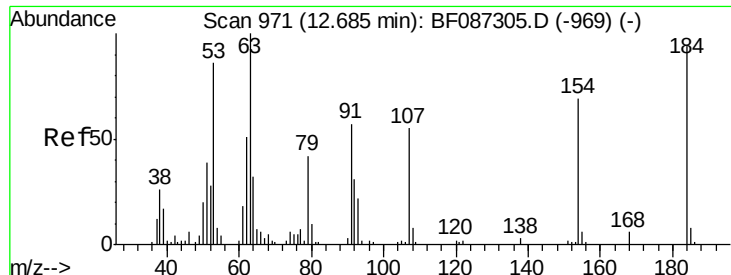
Acq: 31 May 2016 19:04

Tgt Ion:	138	Resp:	29549
Ion Ratio	Lower	Upper	
138	100		
108	12.4	7.8	11.6#
92	128.1	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





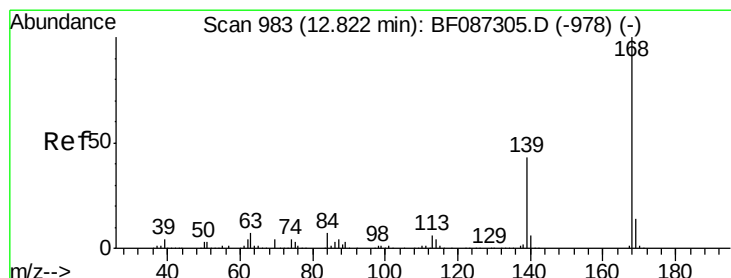
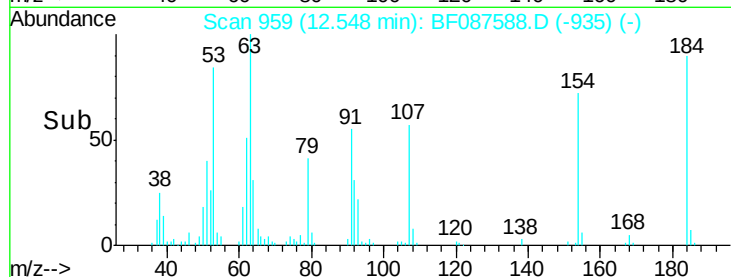
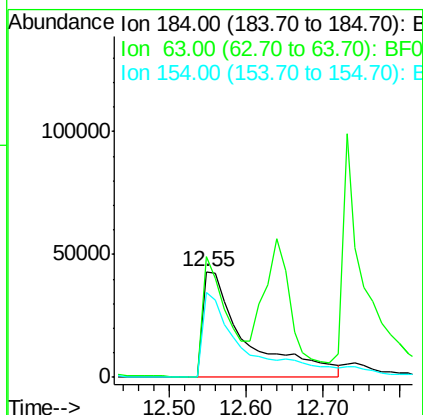
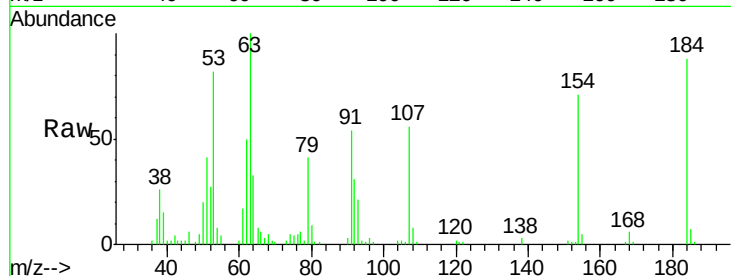
#53
2,4-Dinitrophenol
Concen: 99.16 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	169168		
63	113.8	55.8	83.8#	
154	80.2	62.4	93.6	

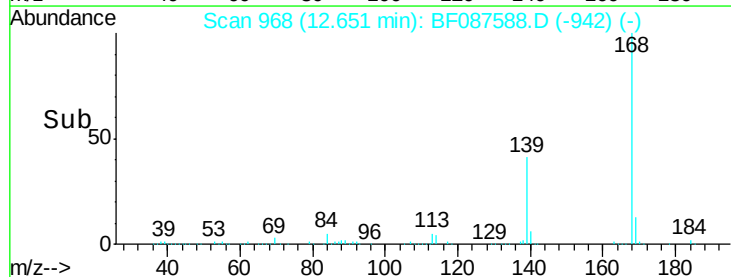
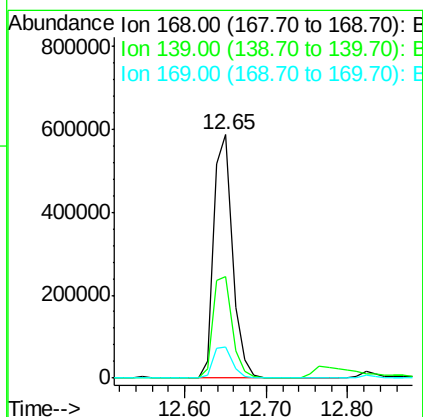
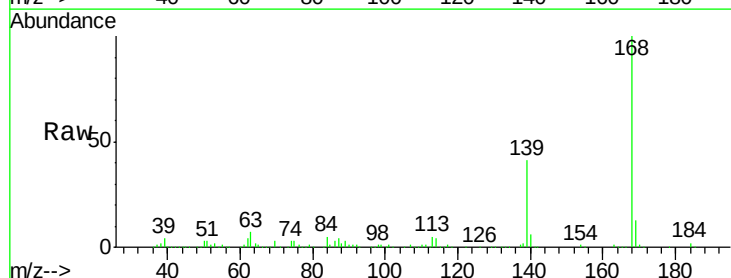
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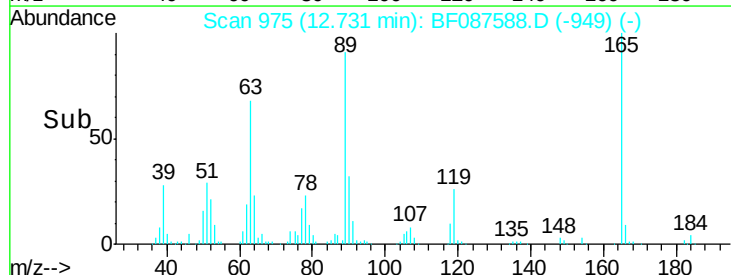
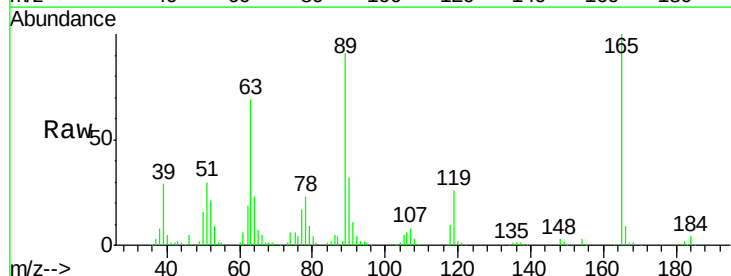
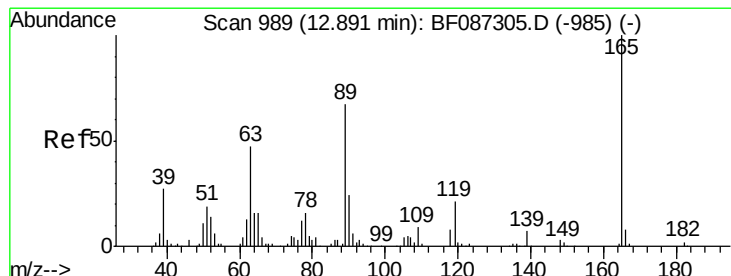
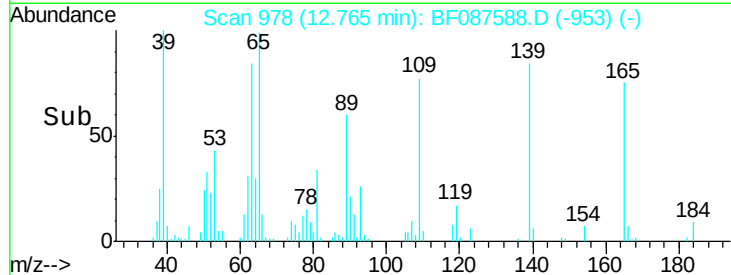
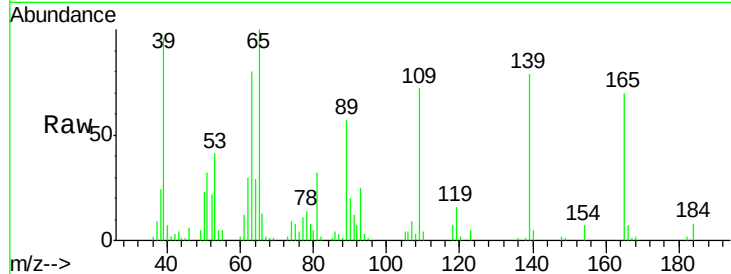
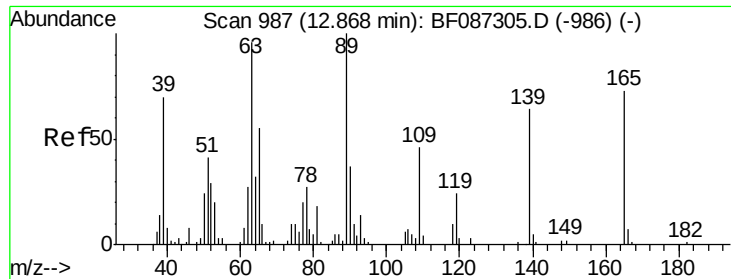
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#54
Dibenzofuran
Concen: 54.61 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	940937		
139	41.4	31.4	47.0	
169	13.0	10.7	16.1	





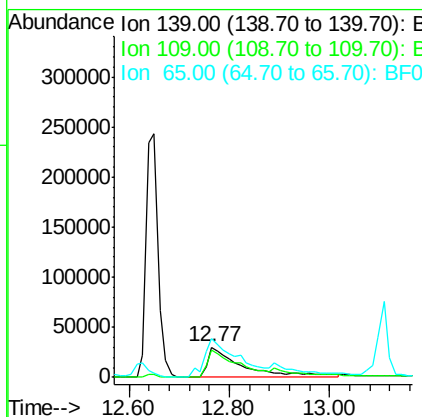
#55
4-Nitrophenol
Concen: 85.86 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tot Ion	Ratio	Resp	Lower	Upper
139	100	137748		
109	91.7	36.9	76.9#	
65	127.4	64.0	104.0#	

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

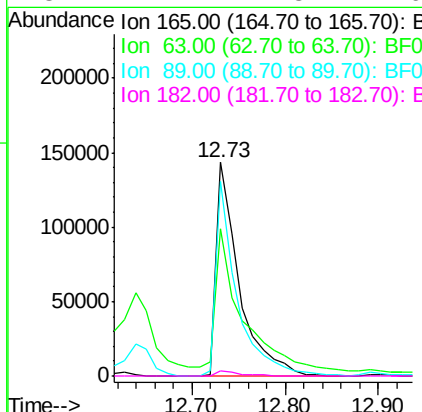
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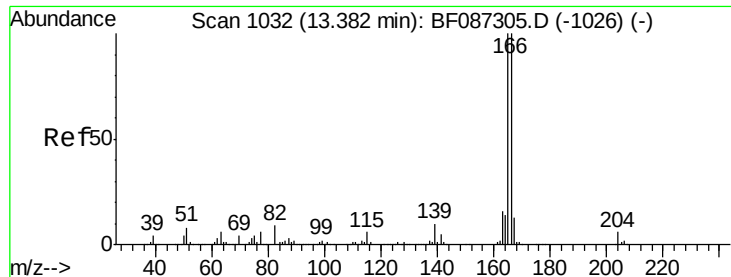
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#56
2,4-Dinitrotoluene
Concen: 55.32 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	242303		
63	69.1	44.3	66.5#	
89	91.0	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 50.24 ng

RT: 13.20 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

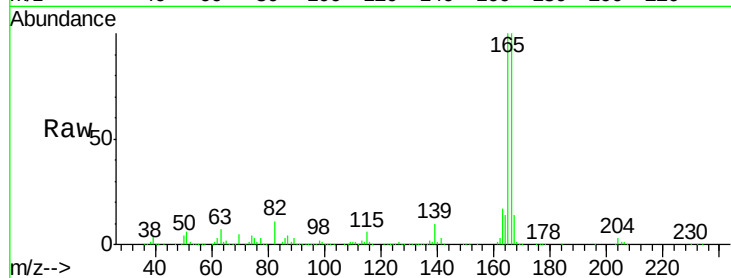
ClientSampleId :

HSR-WC-48-052616MSD

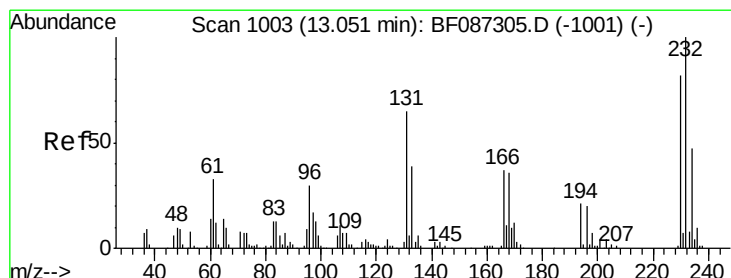
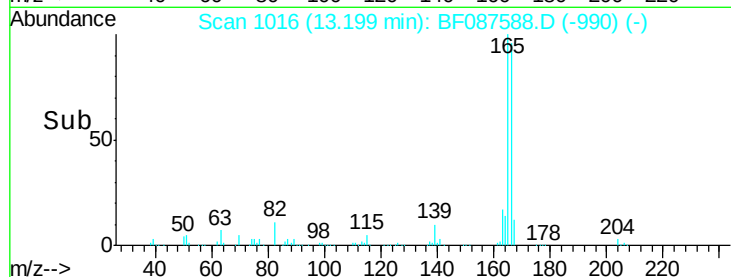
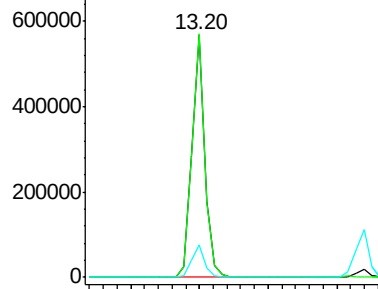
Tot Ion:	166	Resp:	750599
Ion Ratio	Lower	Upper	
166	100		
165	100.3	79.0	118.6
167	13.6	10.6	15.8

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.52 ng

RT: 12.89 min Scan# 989

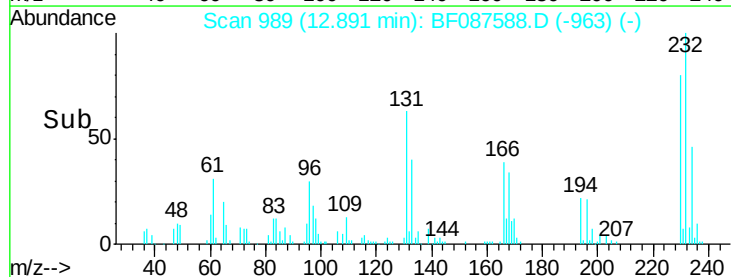
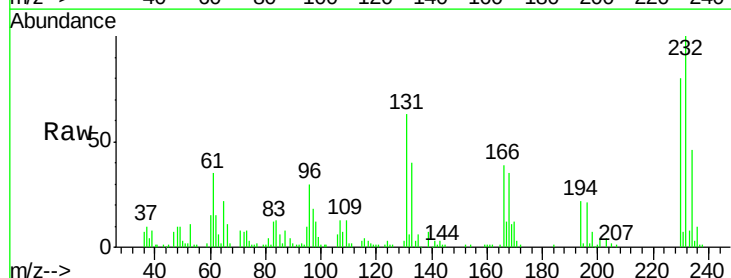
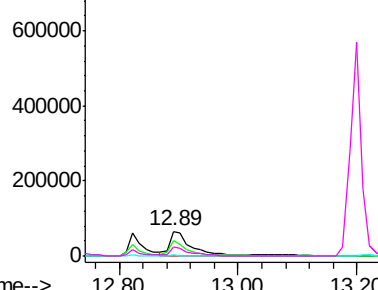
Delta R.T. -0.00 min

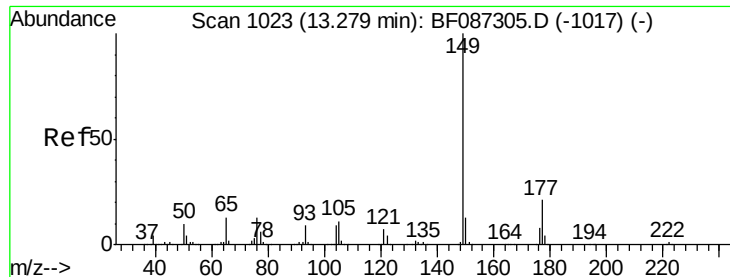
Lab File: BF087588.D

Acq: 31 May 2016 19:04

Tgt Ion:	232	Resp:	169026
Ion Ratio	Lower	Upper	
232	100		
131	53.9	41.9	62.9
130	3.2	2.2	3.4
166	32.5	26.8	40.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





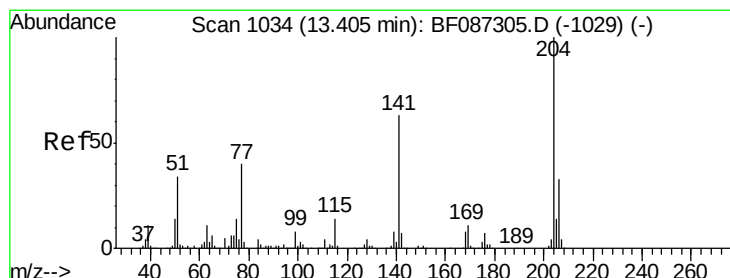
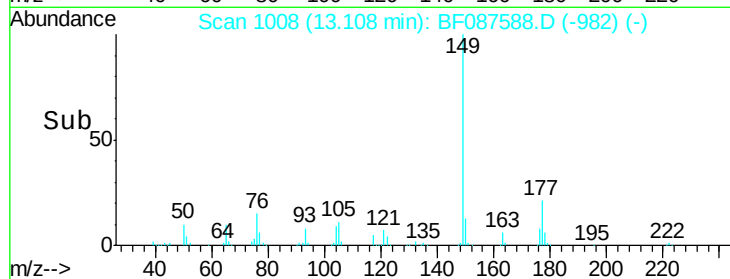
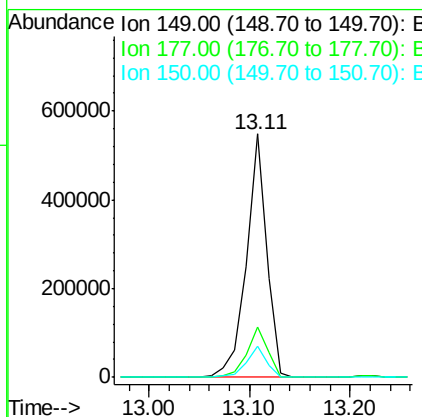
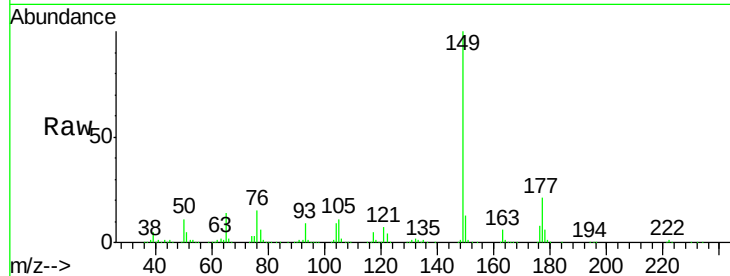
#59
Diethylphthalate
Concen: 48.61 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion:	149	Resp:	768624
Ion Ratio	Lower	Upper	
149	100		
177	20.8	16.6	24.8
150	13.0	10.0	15.0

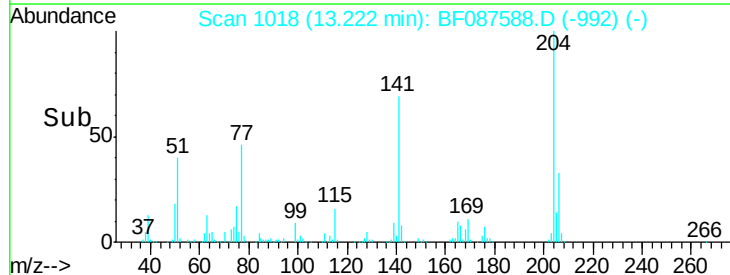
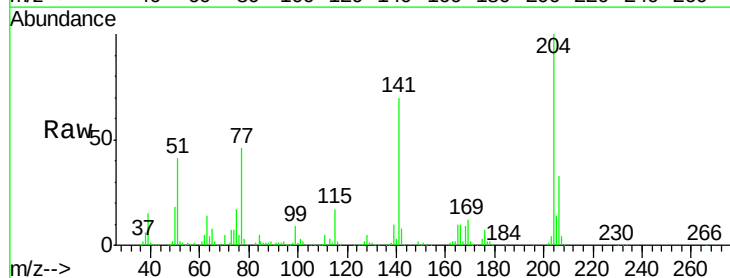
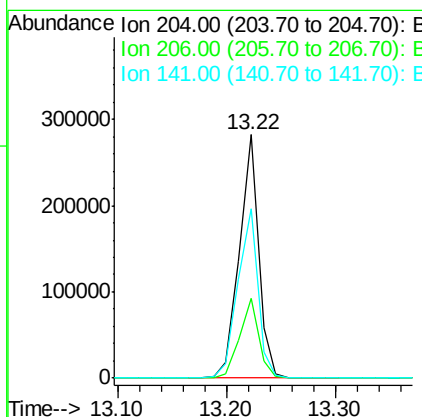
Manual Integrations
APPROVED

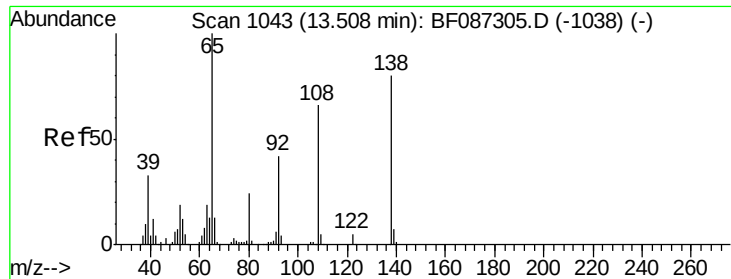
sohil
6/1/2016 6:34:15 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.21 ng
RT: 13.22 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion:	204	Resp:	343970
Ion Ratio	Lower	Upper	
204	100		
206	32.9	25.4	38.0
141	69.6	61.6	92.4





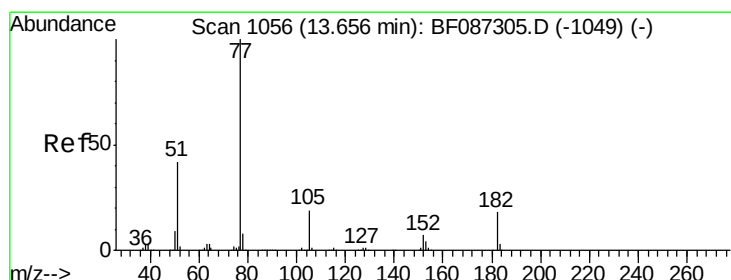
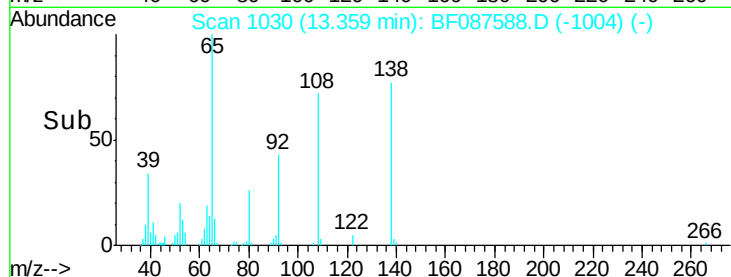
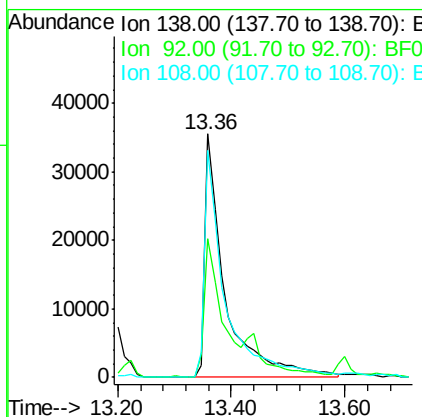
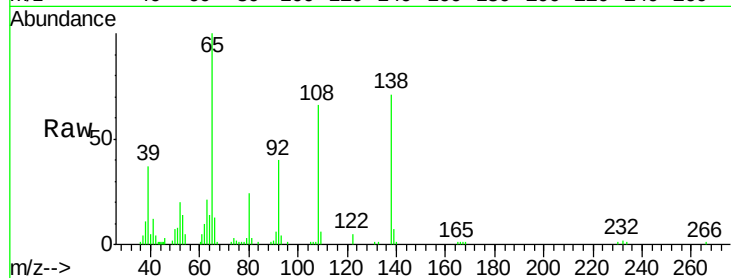
#61
4-Nitroaniline
Concen: 27.32 ng
RT: 13.36 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.8	24.7	64.7
108	93.2	37.4	77.4

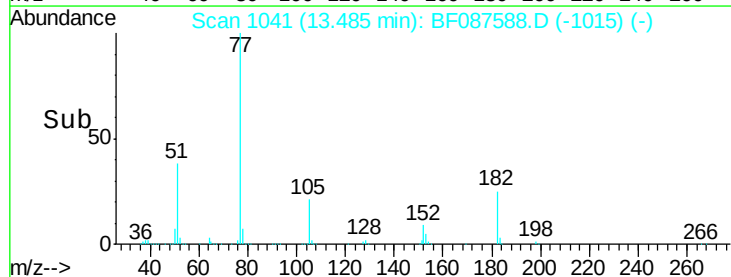
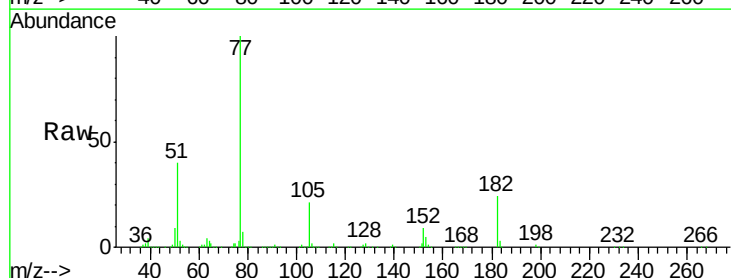
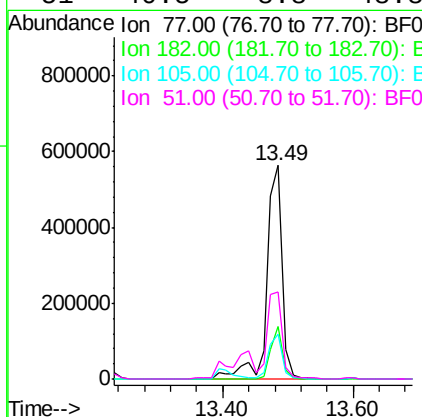
Manual Integrations
APPROVED

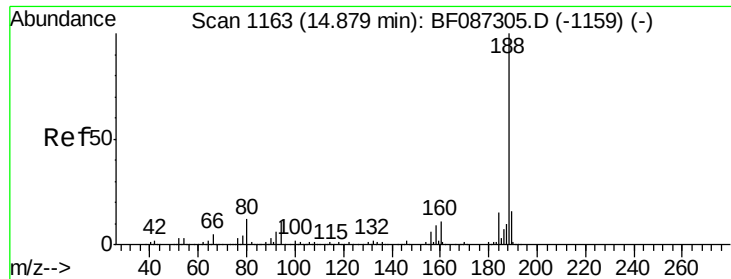
sohil
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#62
Azobenzene
Concen: 56.24 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	0.0	38.8
105	21.1	3.2	43.2
51	40.5	8.8	48.8





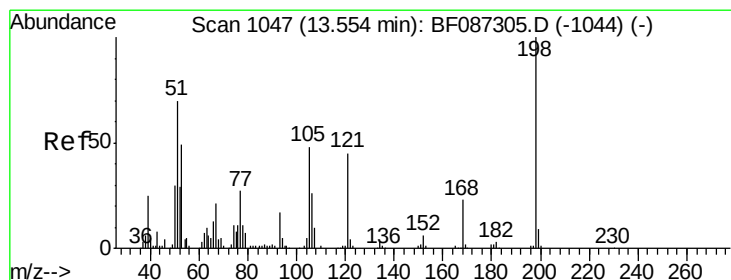
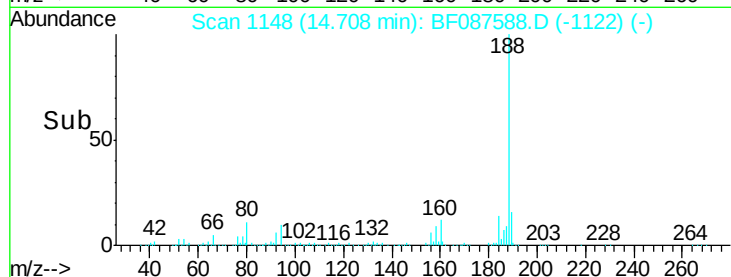
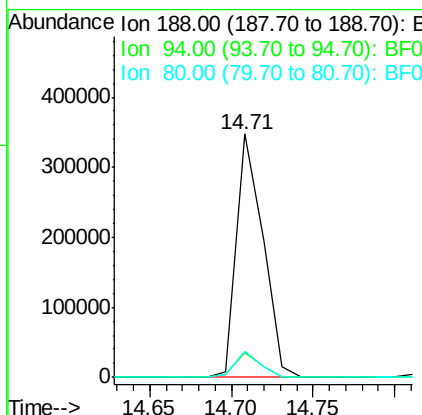
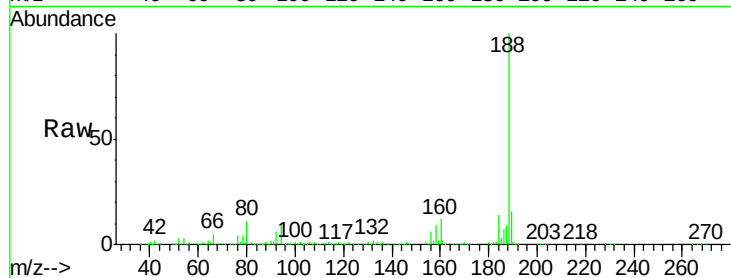
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	6.8	10.2
80	10.9	7.1	10.7

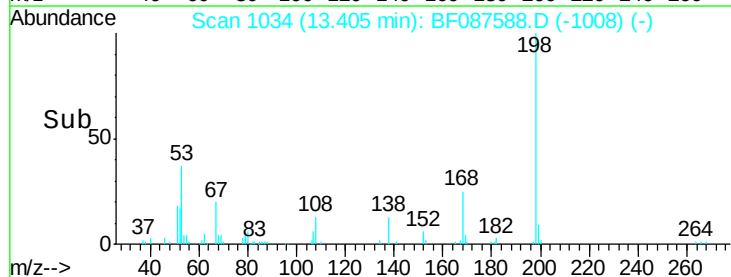
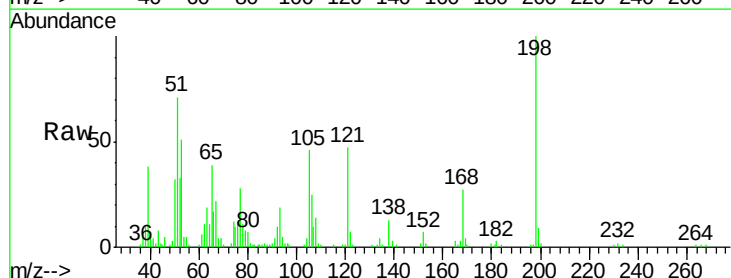
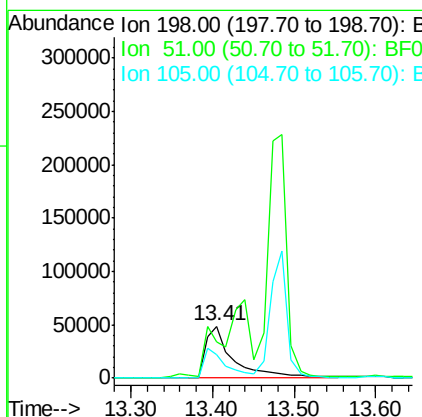
Manual Integrations
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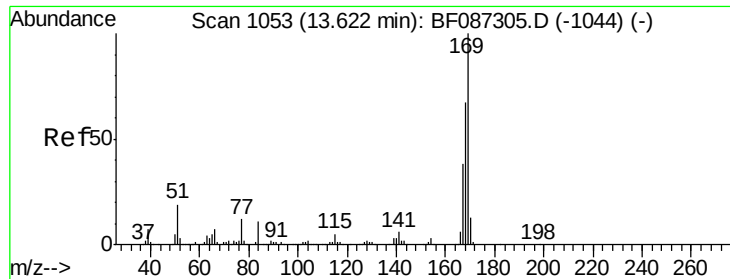
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.74 ng
RT: 13.41 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	70.9	20.5	60.5
105	46.2	24.5	64.5





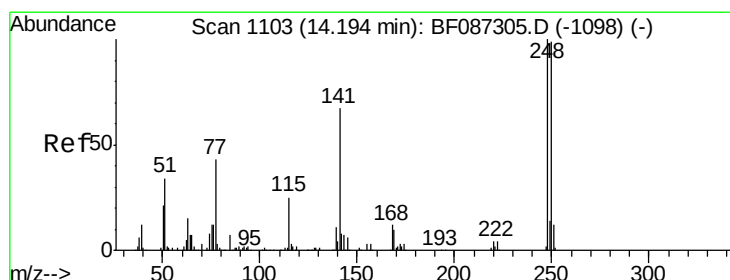
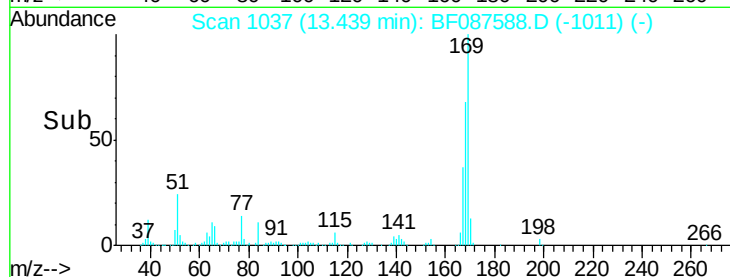
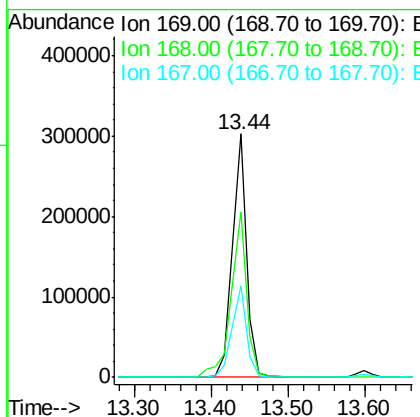
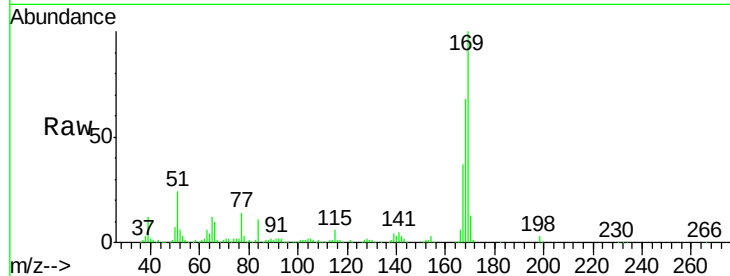
#65
n-Nitrosodiphenylamine
Concen: 32.28 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		407202		
168	68.2	53.8		80.6	
167	37.3	29.5		44.3	

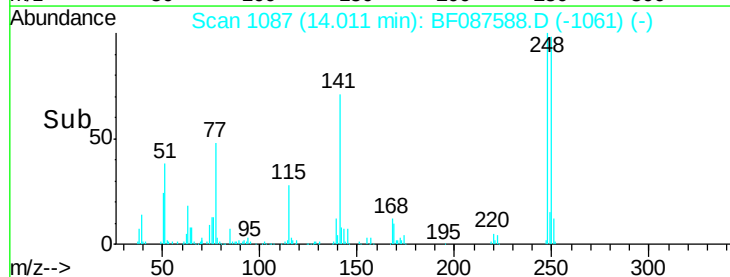
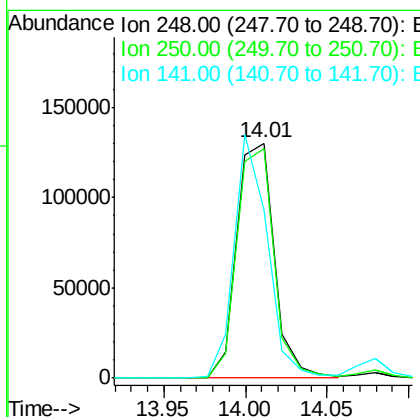
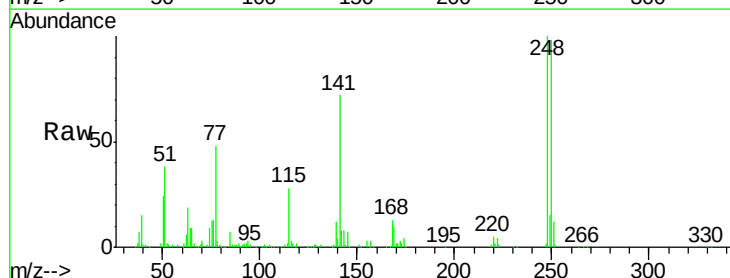
Manual Integrations
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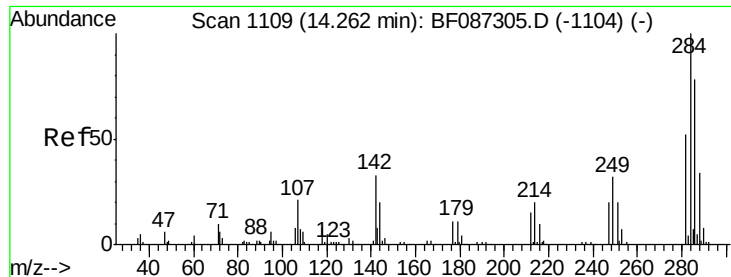
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#66
4-Bromophenyl-phenylether
Concen: 48.39 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		206490		
250	97.6	78.6		117.8	
141	71.8	76.0		114.0	





#67

Hexachlorobenzene

Concen: 48.61 ng

RT: 14.08 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

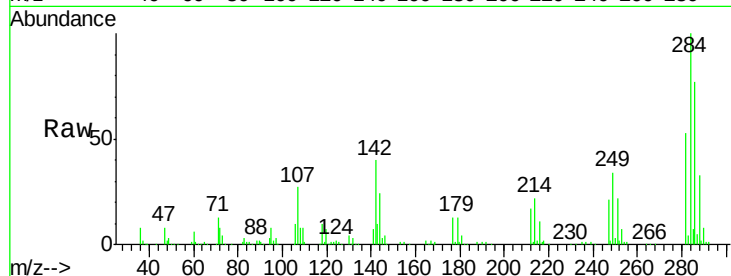
ClientSampleId :

HSR-WC-48-052616MSD

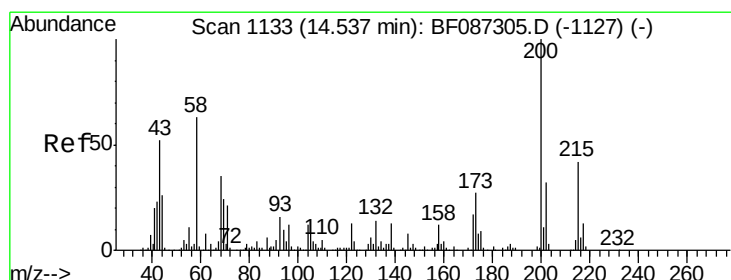
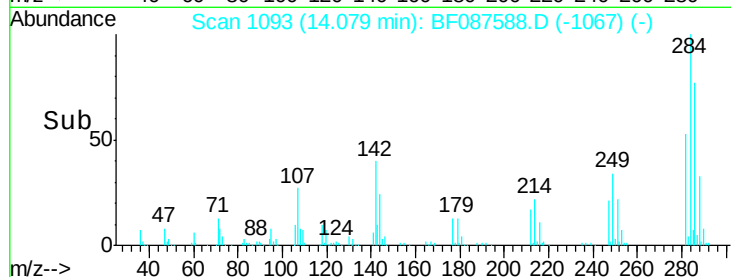
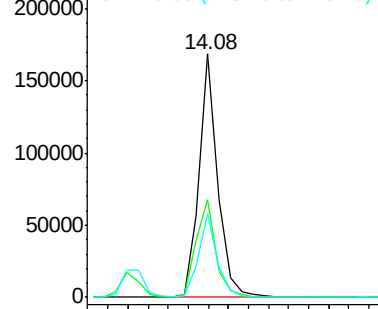
Tot Ion:	284	Resp:	216981
Ion Ratio	Lower	Upper	
284	100		
142	40.1	16.7	25.1#
249	34.3	21.3	31.9#

Manual Integrations
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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: 17.64 ng

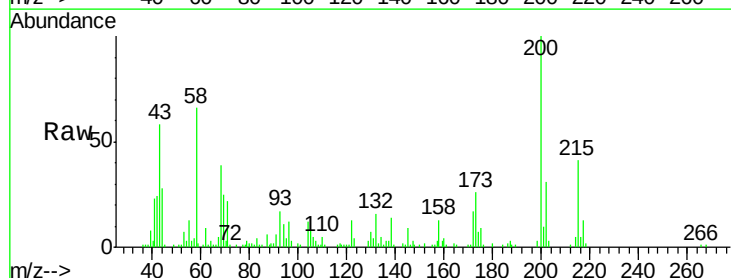
RT: 14.35 min Scan# 1117

Delta R.T. -0.01 min

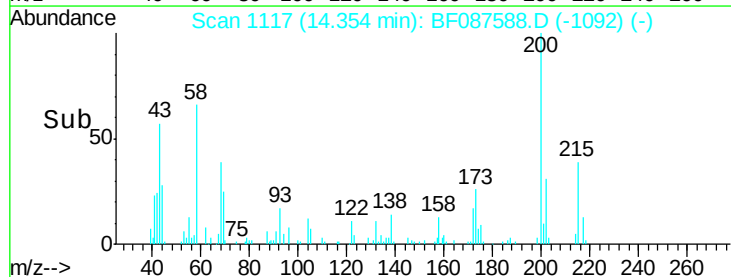
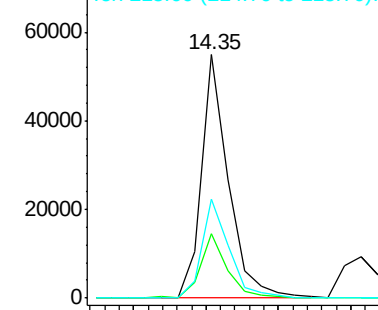
Lab File: BF087588.D

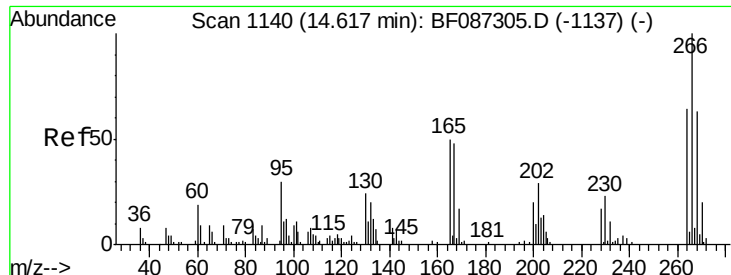
Acq: 31 May 2016 19:04

Tgt Ion:	200	Resp:	70950
Ion Ratio	Lower	Upper	
200	100		
173	26.2	8.5	48.5
215	40.8	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





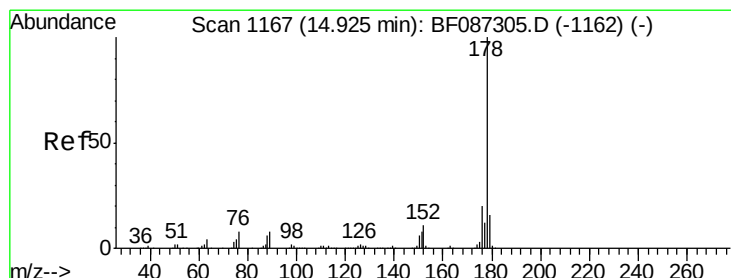
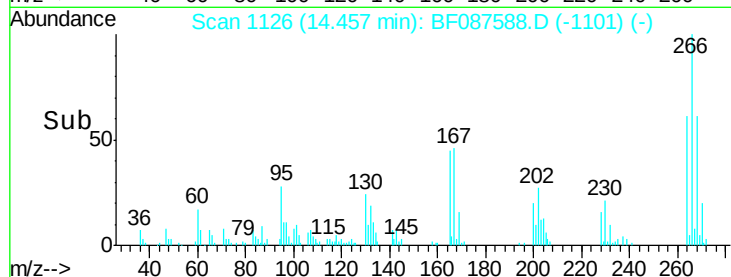
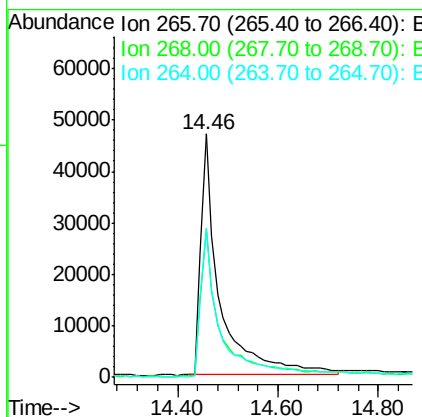
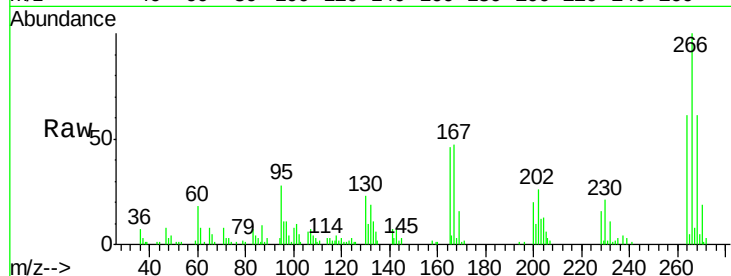
#69
 Pentachlorophenol
 Concen: 88.46 ng
 RT: 14.46 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MSD

Tot Ion:	266	Resp:	123694
Ion Ratio	Lower	Upper	
266	100		
268	61.0	51.5	77.3
264	60.9	52.9	79.3

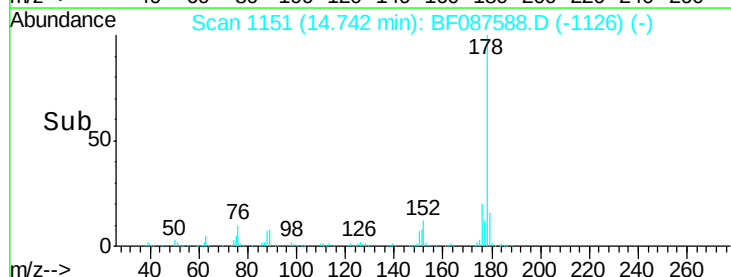
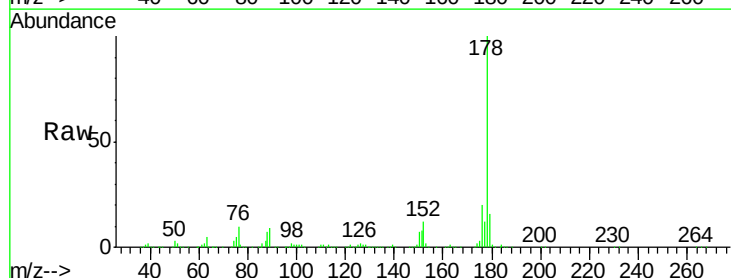
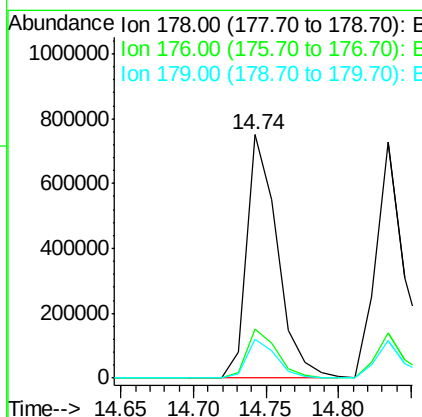
Manual Integrations
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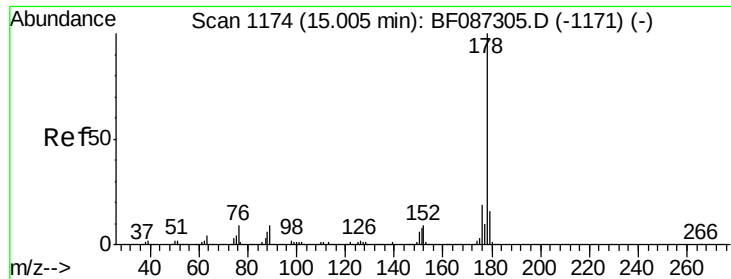
sohil
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#70
 Phenanthrene
 Concen: 50.79 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Tgt Ion:	178	Resp:	1097387
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.0	24.0
179	15.8	12.6	18.8





#71

Anthracene

Concen: 51.50 ng

RT: 14.83 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MSD

Tot Ion:178 Resp: 1124290

Ion Ratio Lower Upper

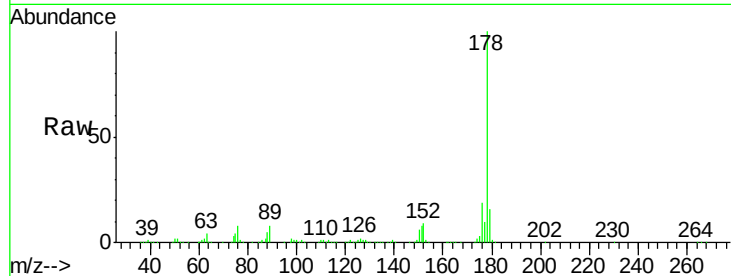
178 100

176 19.3 15.6 23.4

179 15.7 12.7 19.1

Manual Integrations
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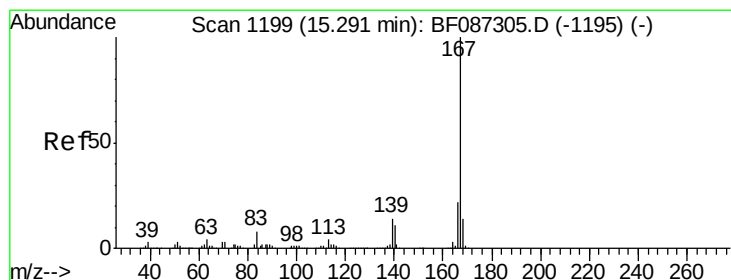
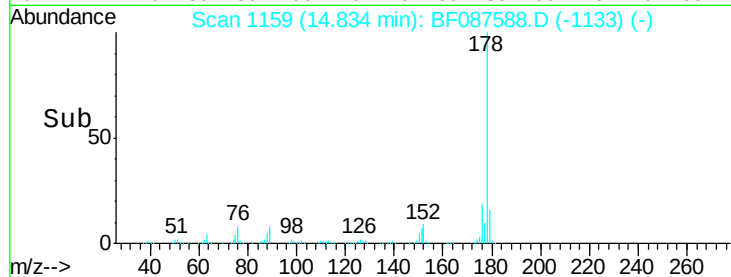
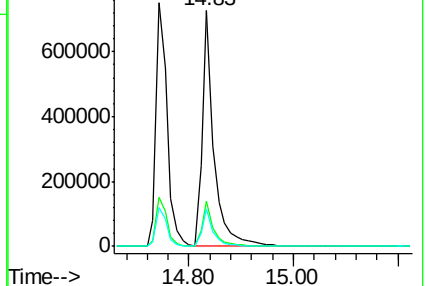
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 29.09 ng

RT: 15.14 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

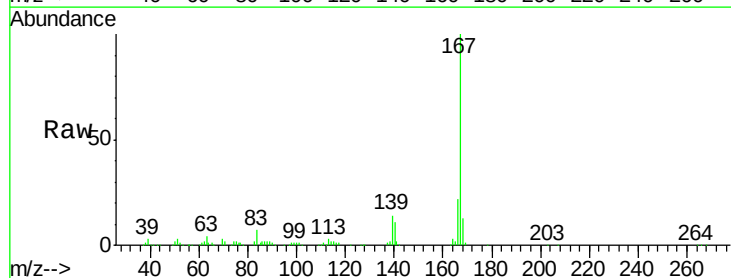
Tgt Ion:167 Resp: 541520

Ion Ratio Lower Upper

167 100

166 21.5 17.7 26.5

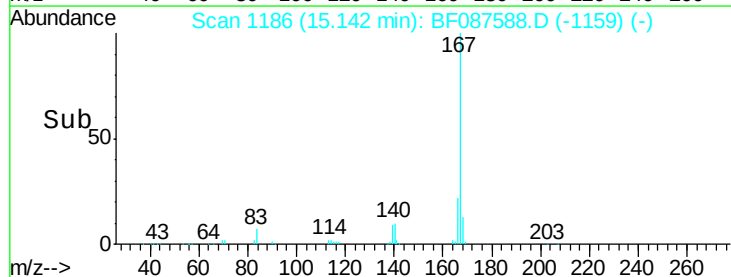
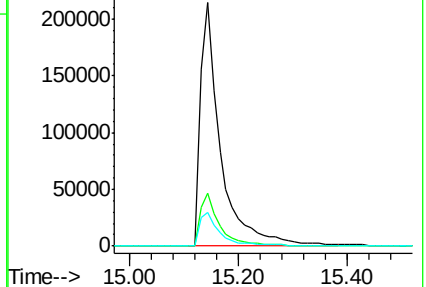
139 14.0 10.8 16.2

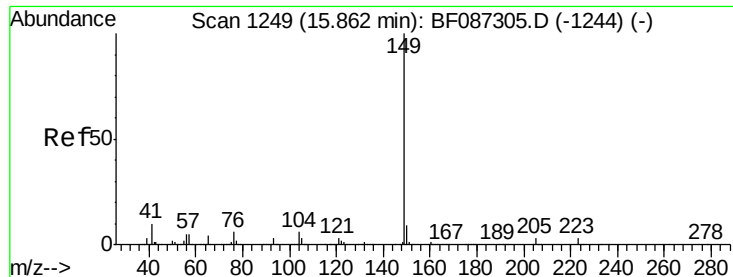


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.85 ng

RT: 15.69 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

ClientSampleId :

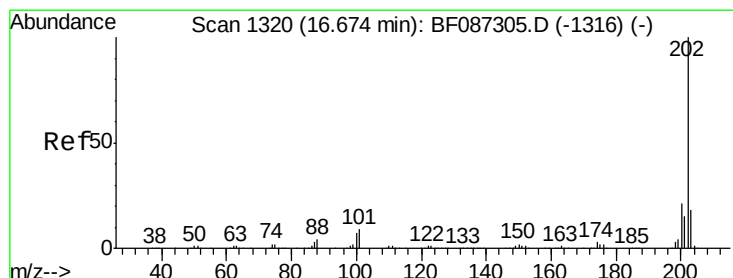
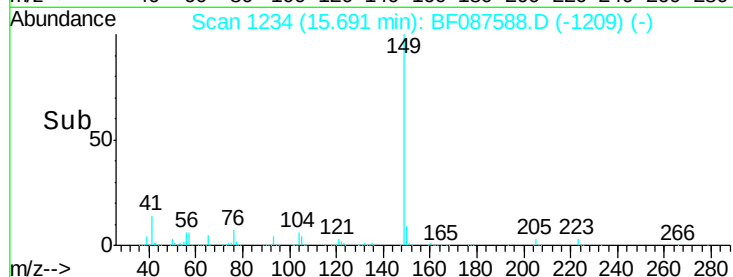
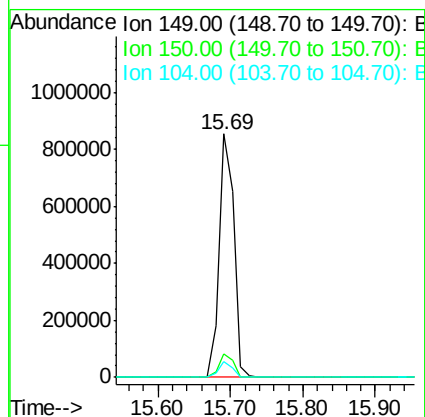
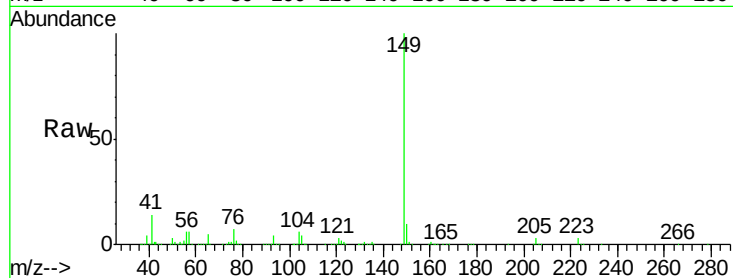
HSR-WC-48-052616MSD

Tot Ion:149 Resp: 1200182

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	6.4	3.8	5.6

Manual Integrations
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#74

Fluoranthene

Concen: 53.28 ng

RT: 16.51 min Scan# 1306

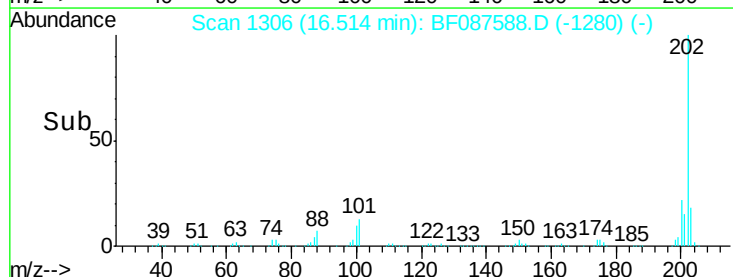
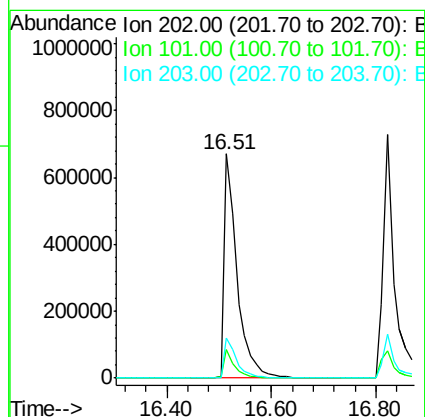
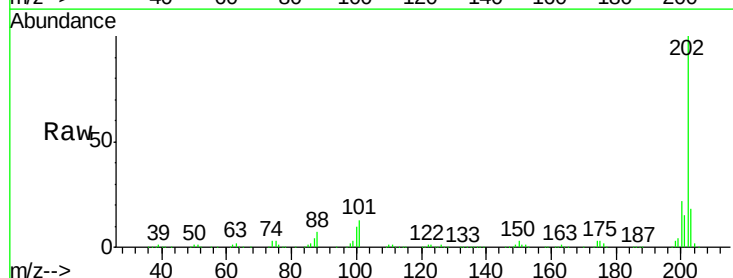
Delta R.T. -0.00 min

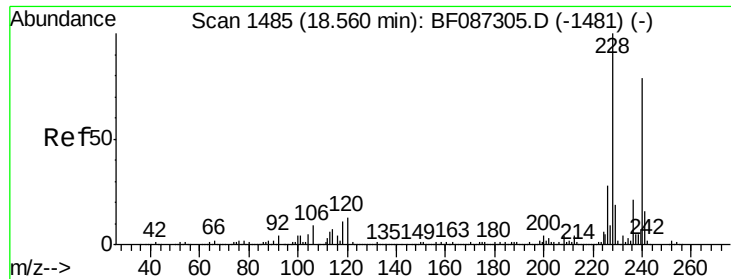
Lab File: BF087588.D

Acq: 31 May 2016 19:04

Tgt Ion:202 Resp: 1154433

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	35.4
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.42 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

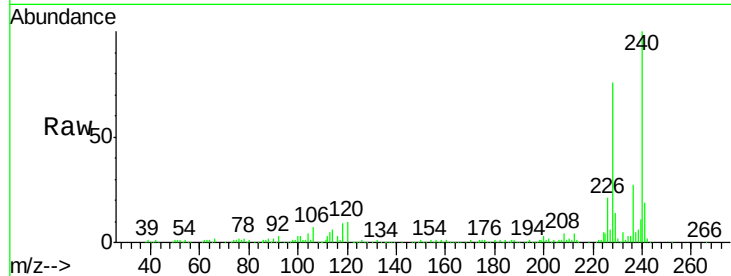
ClientSampleId :

HSR-WC-48-052616MSD

Tot Ion:	240	Resp:	328468
Ion Ratio	Lower	Upper	
240	100		
120	9.8	11.2	16.8#
236	26.7	21.2	31.8

Manual Integrations
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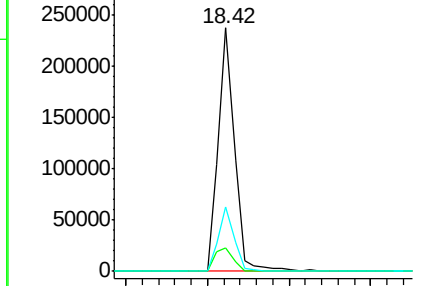
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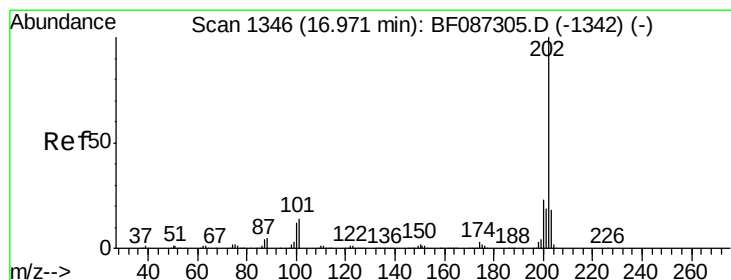
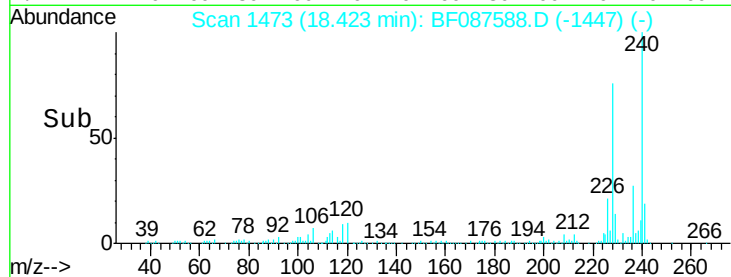
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 18.30 18.40 18.50 18.60



#77

Pyrene

Concen: 47.45 ng

RT: 16.82 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF087588.D

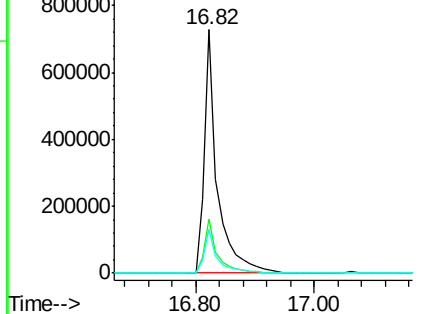
Acq: 31 May 2016 19:04

Tgt Ion:	202	Resp:	1121966
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.7	26.5
203	18.0	14.2	21.4

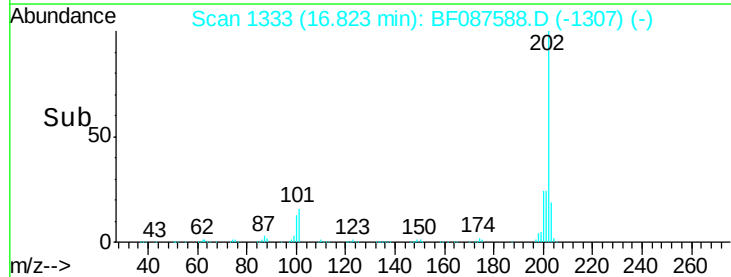
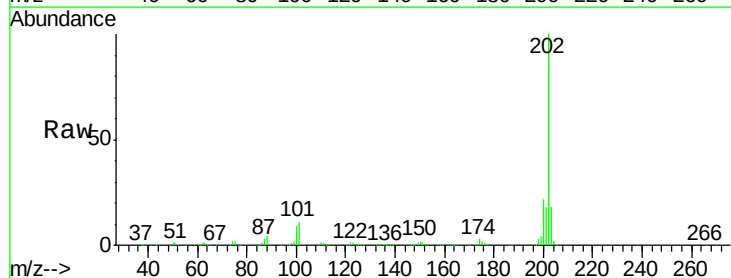
Abundance Ion 202.00 (201.70 to 202.70): E

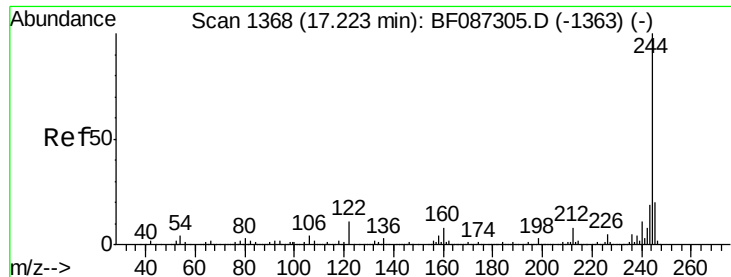
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 16.80 17.00





#78

Terphenyl-d14

Concen: 86.96 ng

RT: 17.06 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MSD

Tot Ion:244 Resp: 1343612

Ion Ratio Lower Upper

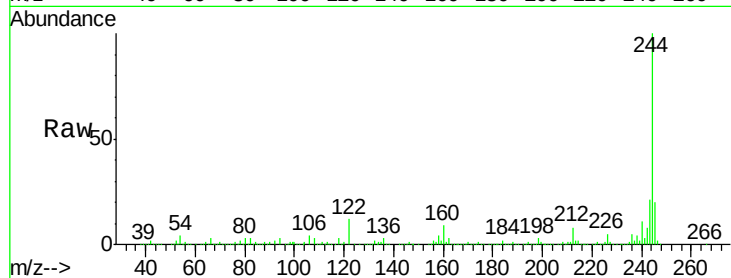
244 100

212 7.8 6.2 9.2

122 12.3 12.0 18.0

Manual Integrations
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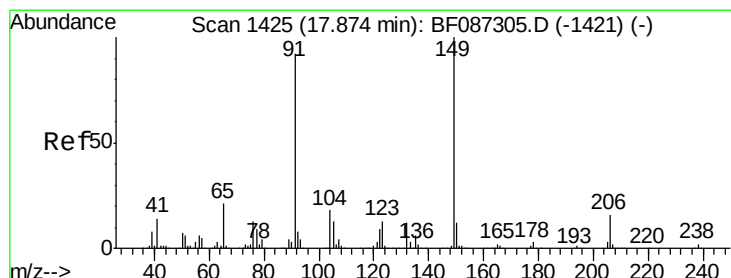
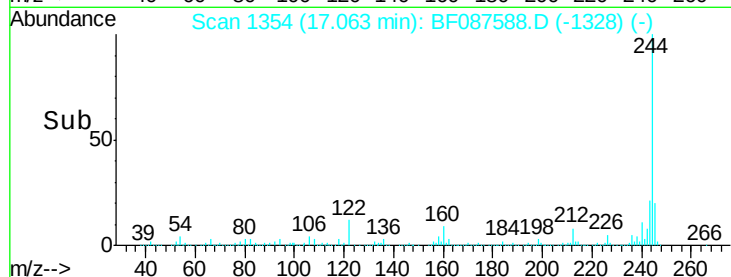
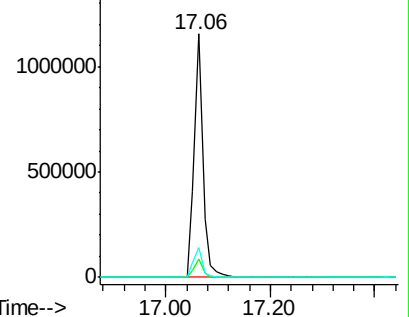
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 48.50 ng

RT: 17.73 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

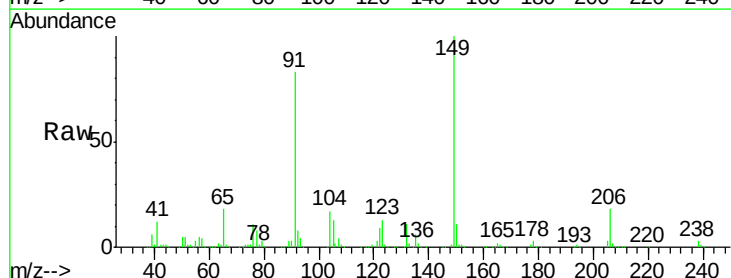
Tgt Ion:149 Resp: 508496

Ion Ratio Lower Upper

149 100

91 82.6 48.0 72.0#

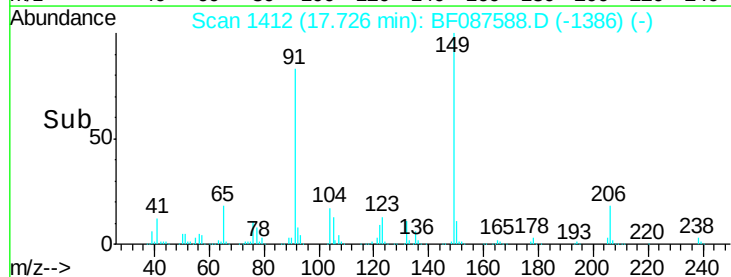
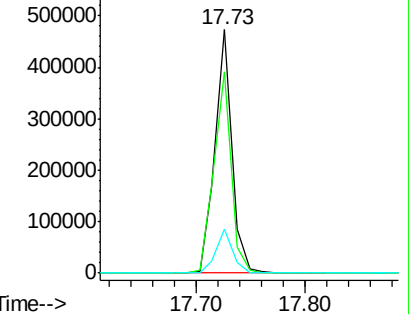
206 17.9 15.8 23.6

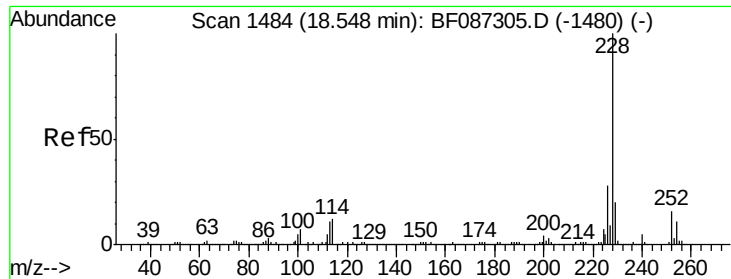


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





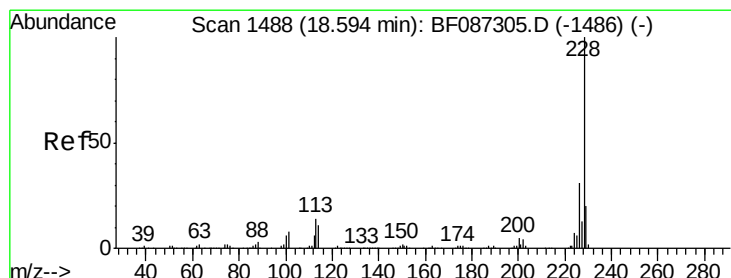
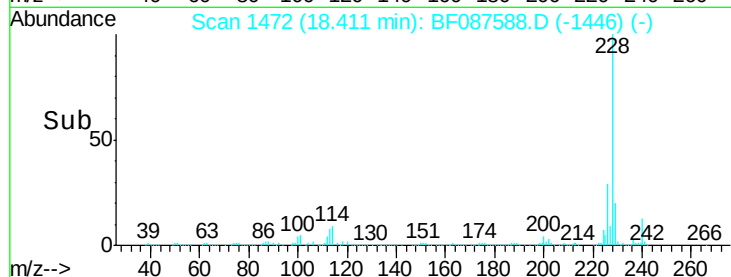
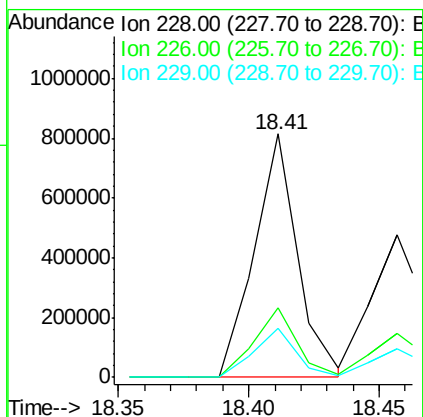
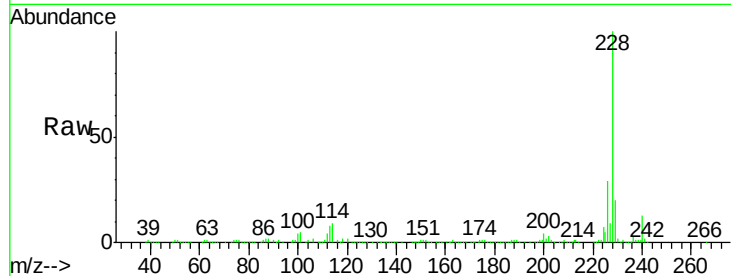
#80
Benzo(a)anthracene
Concen: 49.81 ng
RT: 18.41 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	930691		
226	28.6	22.5	33.7	
229	19.9	16.6	25.0	

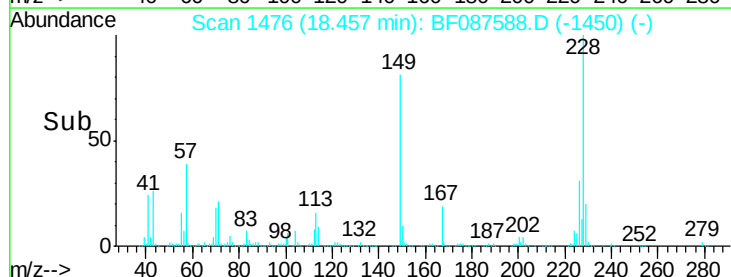
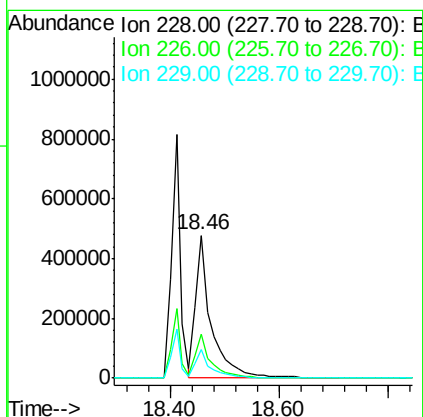
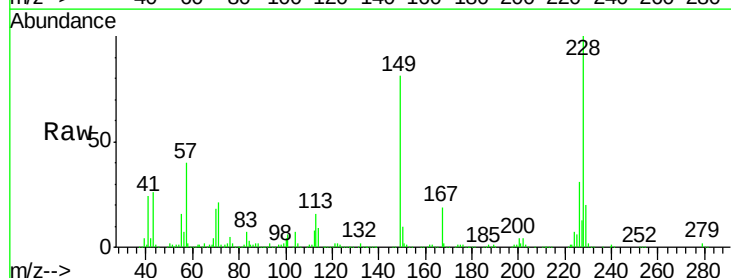
Manual Integrations
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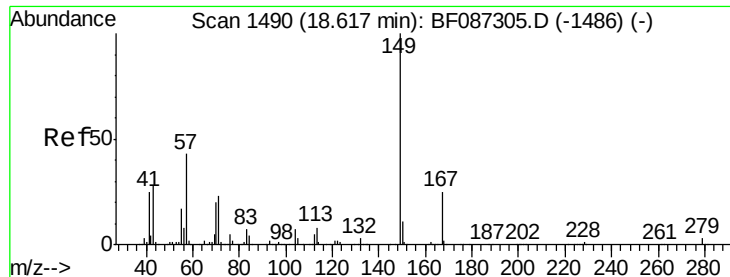
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#82
Chrysene
Concen: 50.89 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	943732		
226	30.8	24.4	36.6	
229	19.9	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.03 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Instrument :

BNA_F

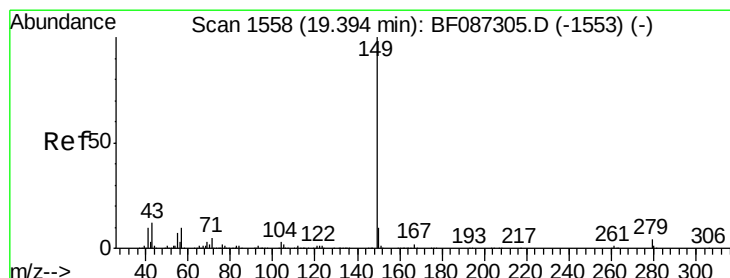
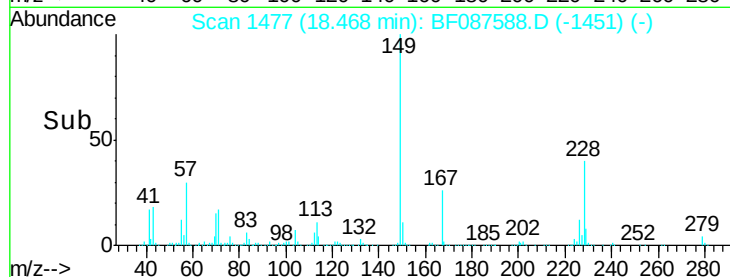
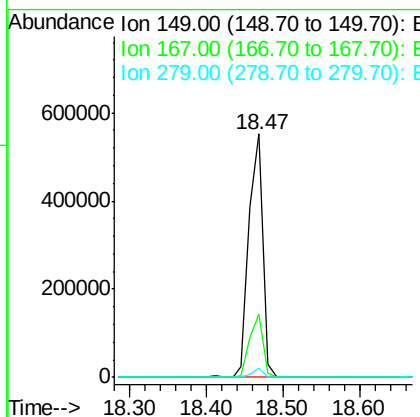
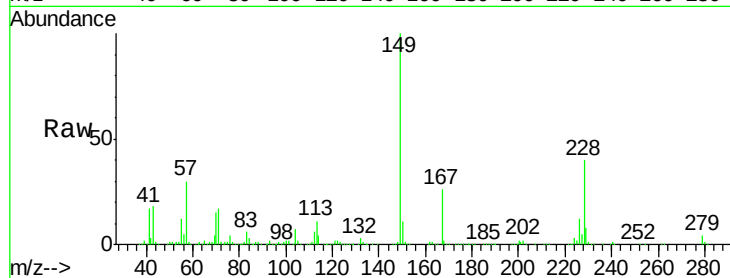
ClientSampleId :

HSR-WC-48-052616MSD

Tot Ion:	149	Resp:	688908
Ion Ratio		Lower	Upper
149	100		
167	26.0	21.8	32.6
279	3.7	2.6	4.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 50.28 ng

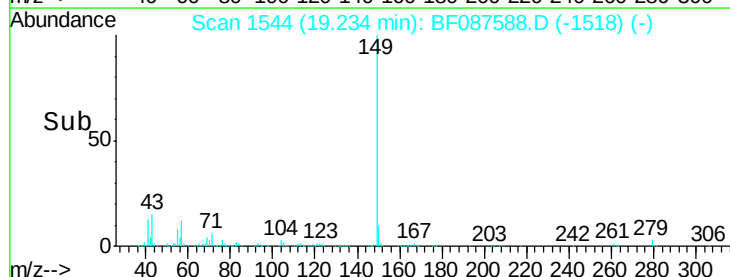
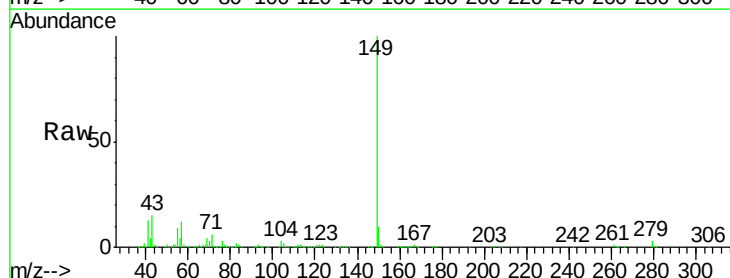
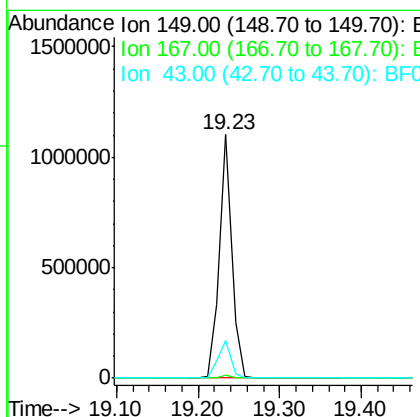
RT: 19.23 min Scan# 1544

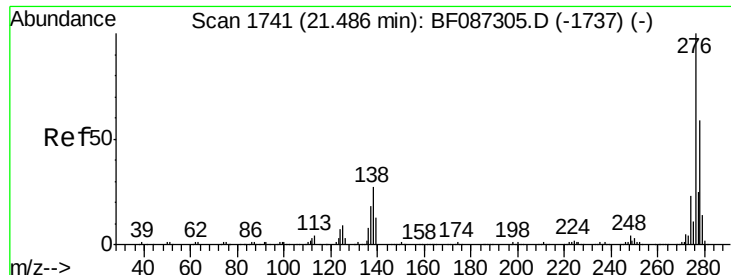
Delta R.T. -0.00 min

Lab File: BF087588.D

Acq: 31 May 2016 19:04

Tgt Ion:	149	Resp:	1173164
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	15.9	8.2	12.4#





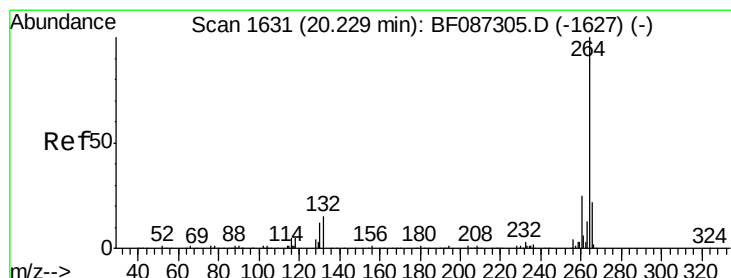
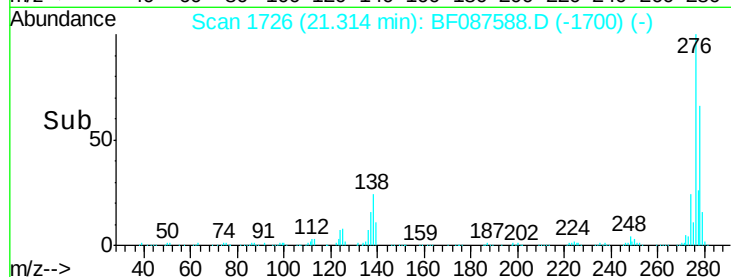
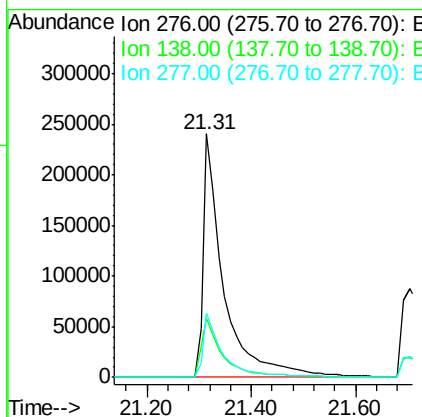
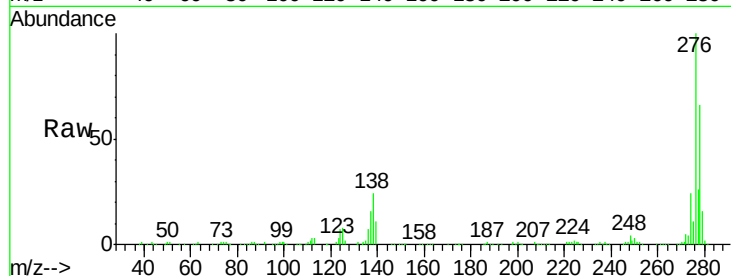
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.75 ng
RT: 21.31 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.6	38.4
277	25.7	20.5	30.7

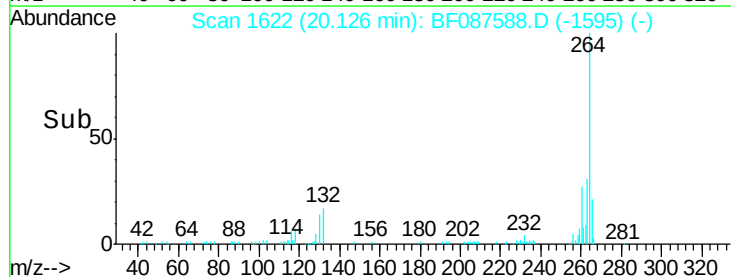
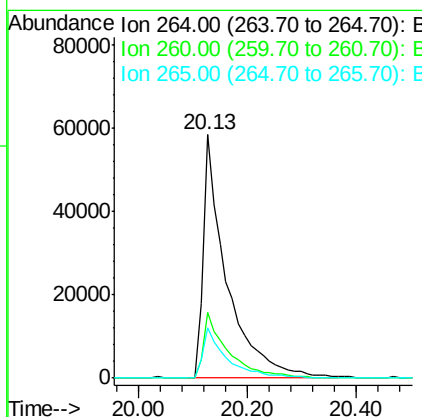
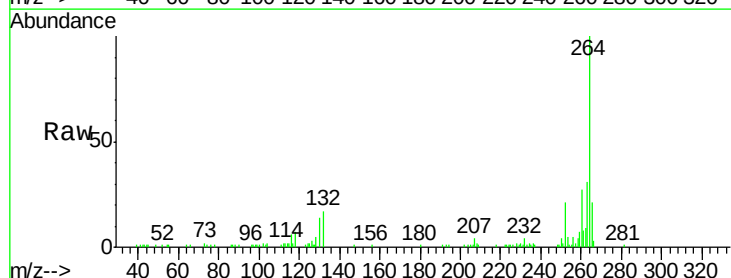
Manual Integrations
APPROVED

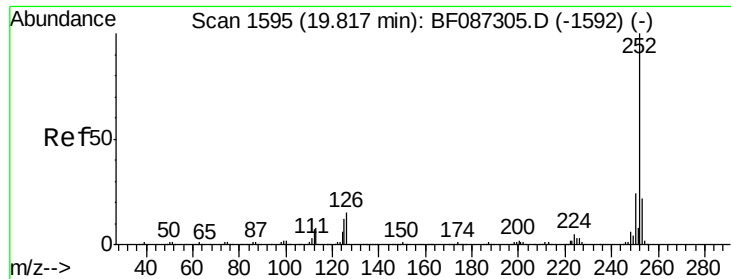
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.13 min Scan# 1622
Delta R.T. 0.01 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.5	29.3
265	20.9	17.3	25.9





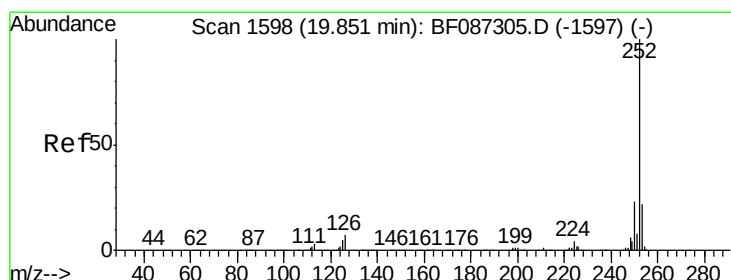
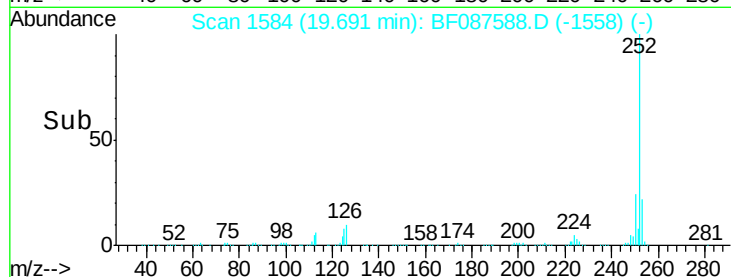
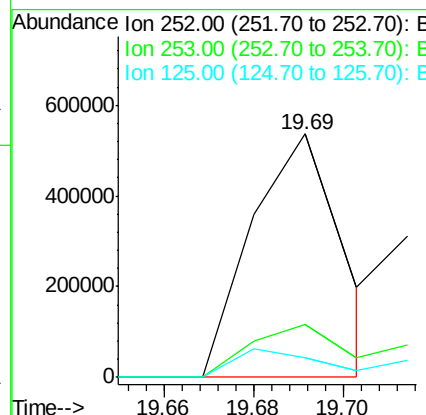
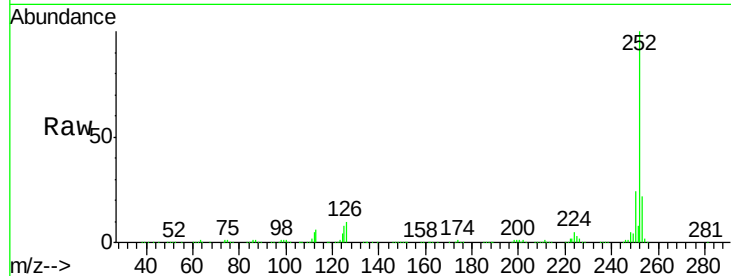
#87
Benzo(b)fluoranthene
Concen: 67.57 ng m
RT: 19.69 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.9	11.4	17.0

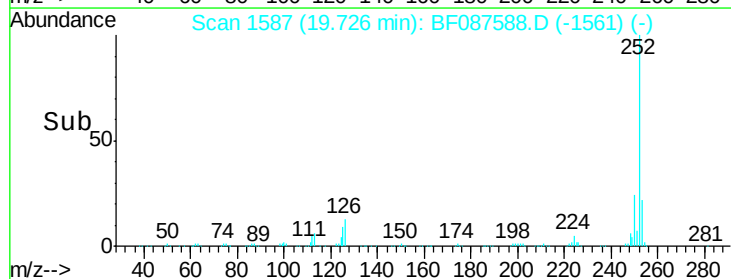
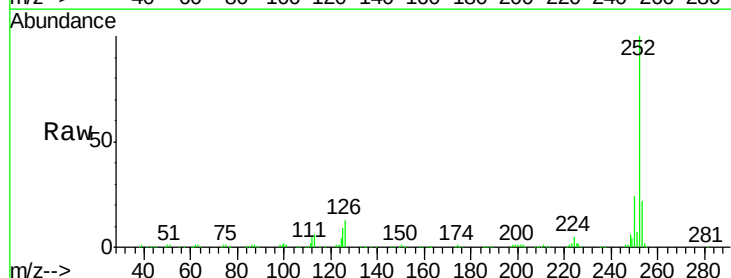
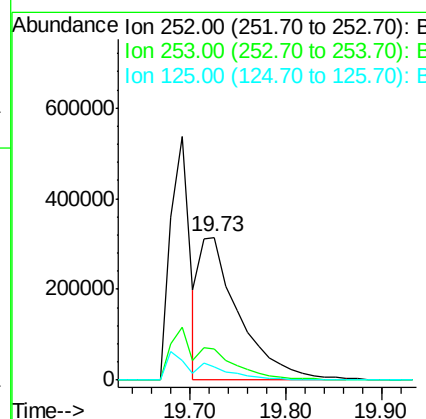
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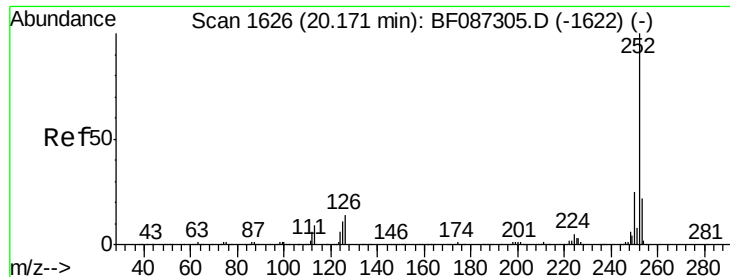
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#88
Benzo(k)fluoranthene
Concen: 94.14 ng m
RT: 19.73 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.0	9.1	13.7





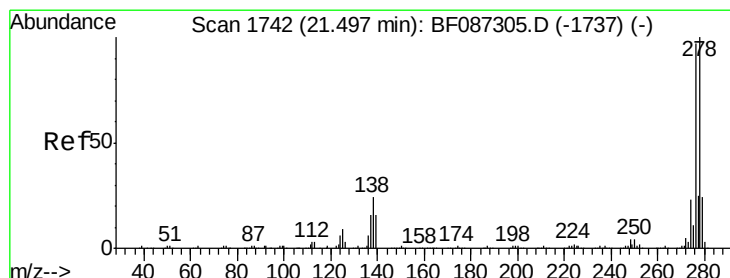
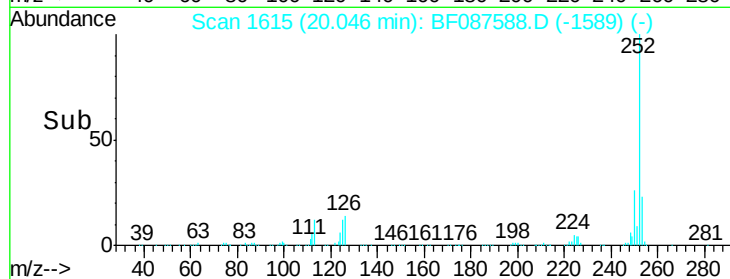
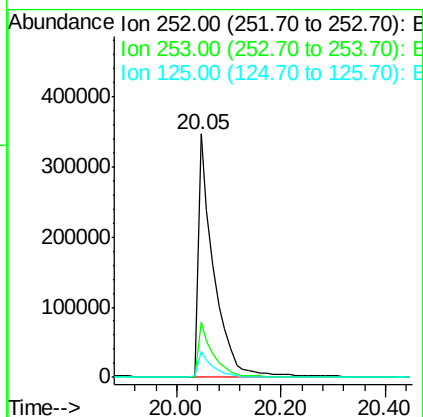
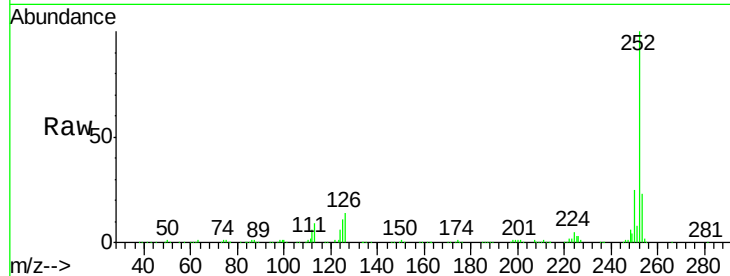
#89
Benzo(a)pyrene
Concen: 73.90 ng
RT: 20.05 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.9	9.0	13.6

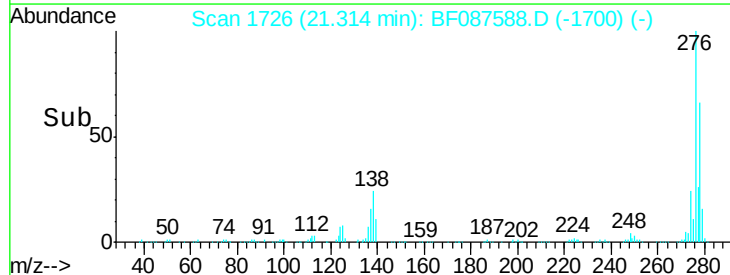
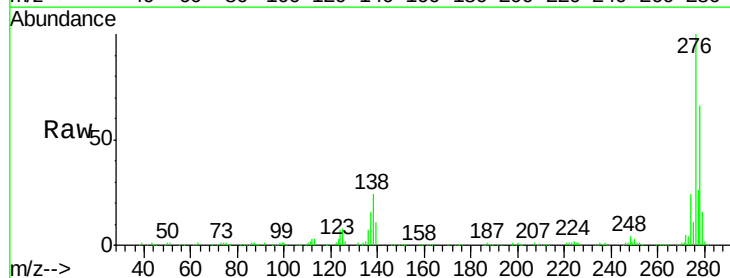
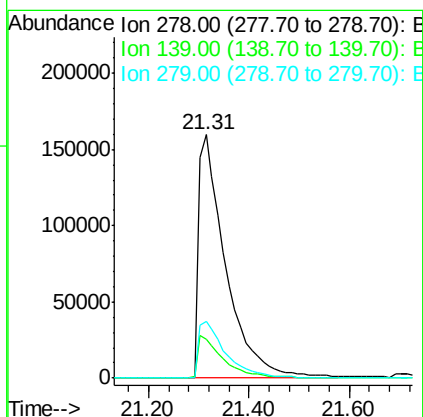
Manual Integrations
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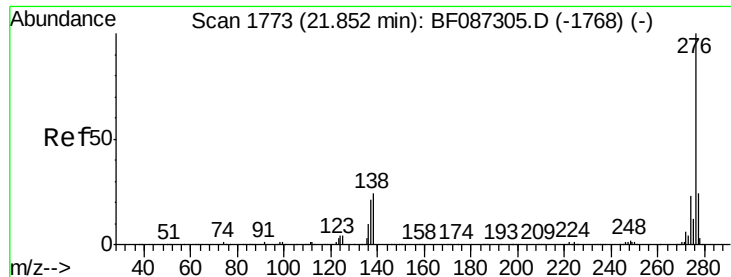
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#90
Dibenzo(a,h)anthracene
Concen: 72.94 ng
RT: 21.31 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BF087588.D
Acq: 31 May 2016 19:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	16.6	24.8#
279	23.4	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 57.34 ng
 RT: 21.70 min Scan# 1760
 Delta R.T. 0.02 min
 Lab File: BF087588.D
 Acq: 31 May 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	21.5	23.6	35.4

Manual Integrations
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