

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087129.D
 Acq On : 18 May 2016 4:15
 Operator : UM/SJ
 Sample : H3085-03MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-12KMSD

Manual Integrations
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Quant Time: May 18 12:15:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	137268	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	562478	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	272158	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	486958	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	331916	20.00	ng	-0.02
86) Perylene-d12	15.09	264	275670	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1041255	127.50	ng	-0.01
7) Phenol-d6	6.26	99	1492022	136.22	ng	-0.02
23) Nitrobenzene-d5	7.18	82	1058276	93.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	357199	118.77	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1477075	89.88	ng	-0.02
78) Terphenyl-d14	12.70	244	1446849	98.61	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	141096	33.59	ng	# 61
3) Pyridine	2.72	79	379903	37.39	ng	# 65
4) n-Nitrosodimethylamine	2.68	42	303115	42.09	ng	# 48
6) Aniline	6.26	93	150769	10.84	ng	# 29
8) 2-Chlorophenol	6.39	128	392836	39.54	ng	97
9) Benzaldehyde	6.15	77	30425	3.86	ng	94
10) Phenol	6.27	94	402220	29.21	ng	# 49
11) bis(2-Chloroethyl)ether	6.34	93	411901	39.84	ng	89
12) 1,3-Dichlorobenzene	6.52	146	396475m	37.54	ng	
13) 1,4-Dichlorobenzene	6.60	146	401129m	37.12	ng	
14) 1,2-Dichlorobenzene	6.76	146	378138	39.97	ng	98
15) Benzyl Alcohol	6.75	79	351034	43.05	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	6.89	45	828202	38.97	ng	66
17) 2-Methylphenol	6.89	107	316999	38.85	ng	# 78
18) Hexachloroethane	7.10	117	157135	38.03	ng	98
19) n-Nitroso-di-n-propylamine	7.03	70	338859	40.70	ng	# 70
20) 3+4-Methylphenols	7.05	107	457184	42.47	ng	# 59
22) Acetophenone	7.02	105	574047	41.70	ng	# 99
24) Nitrobenzene	7.19	77	461623	37.46	ng	97
25) Isophorone	7.43	82	811474	39.28	ng	98
26) 2-Nitrophenol	7.51	139	224972	44.07	ng	# 84
27) 2,4-Dimethylphenol	7.56	122	315354	36.20	ng	88
28) bis(2-Chloroethoxy)methane	7.64	93	470050	41.44	ng	# 98
29) 2,4-Dichlorophenol	7.76	162	337707	43.99	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	355781	41.77	ng	98
31) Naphthalene	7.91	128	1150119	41.85	ng	100
33) 4-Chloroaniline	7.98	127	71646	6.27	ng	# 93
34) Hexachlorobutadiene	8.02	225	200021	41.38	ng	99
35) Caprolactam	8.35	113	106952m	41.84	ng	
36) 4-Chloro-3-methylphenol	8.48	107	395976	42.76	ng	93
37) 2-Methylnaphthalene	8.59	142	733309	41.71	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	332666	41.85	ng	99
40) Hexachlorocyclopentadiene	8.74	237	213801	70.67	ng	96
42) 2,4,6-Trichlorophenol	8.89	196	217921	42.27	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.94	196	224550	41.93	nq	# 87
45) 1,1'-Biphenyl	9.06	154	923533	40.92	nq	98
46) 2-Chloronaphthalene	9.08	162	717120	41.39	nq	95
47) 2-Nitroaniline	9.20	65	289778	43.65	nq	94
48) Acenaphthylene	9.50	152	1086453	41.07	nq	99
49) Dimethylphthalate	9.37	163	1049008	50.53	nq	99
50) 2,6-Dinitrotoluene	9.44	165	184254	40.87	nq	# 85
51) Acenaphthene	9.67	154	701435	42.44	nq	98
52) 3-Nitroaniline	9.61	138	102008	20.90	nq	99
53) 2,4-Dinitrophenol	9.72	184	108198	44.15	nq	91
54) Dibenzofuran	9.84	168	942737	44.11	nq	96
55) 4-Nitrophenol	9.80	139	189431m	62.17	nq	
56) 2,4-Dinitrotoluene	9.84	165	218347	37.82	nq	# 39
57) Fluorene	10.18	166	761855	44.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	179301	42.99	nq	96
59) Diethylphthalate	10.07	149	768936	38.80	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	310711	38.17	nq	96
61) 4-Nitroaniline	10.23	138	181806	37.73	nq	# 74
62) Azobenzene	10.33	77	901043	39.45	nq	84
64) 4,6-Dinitro-2-methylphenol	10.25	198	123284	38.44	nq	# 38
65) n-Nitrosodiphenylamine	10.30	169	611861	39.93	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	218880	43.71	nq	# 89
67) Hexachlorobenzene	10.72	284	227137	39.12	nq	# 65
68) Atrazine	10.83	200	198734	39.75	nq	94
69) Pentachlorophenol	10.92	266	195598	89.68	nq	98
70) Phenanthrene	11.13	178	1032591	39.10	nq	99
71) Anthracene	11.19	178	1161969	43.50	nq	99
72) Carbazole	11.35	167	942170	38.61	nq	98
73) Di-n-butylphthalate	11.68	149	1148867	40.99	nq	# 98
74) Fluoranthene	12.32	202	1110932	41.98	nq	89
76) Benzidine	12.45	184	128667	11.64	nq	98
77) Pyrene	12.54	202	1009776	42.11	nq	99
79) Butylbenzylphthalate	13.17	149	463381	45.78	nq	# 63
80) Benzo(a)anthracene	13.73	228	820177	42.74	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	114896	9.41	nq	97
82) Chrysene	13.76	228	705632	38.00	nq	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	597241	48.48	nq	# 94
84) Di-n-octyl phthalate	14.34	149	1048332	49.40	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.33	276	702137	43.08	nq	95
87) Benzo(b)fluoranthene	14.73	252	871616m	47.66	nq	
88) Benzo(k)fluoranthene	14.75	252	526008m	38.63	nq	
89) Benzo(a)pyrene	15.04	252	650501	42.55	nq	98
90) Dibenzo(a,h)anthracene	16.34	278	586543	45.57	nq	# 93
91) Benzo(g,h,i)perylene	16.70	276	593759	45.68	nq	95

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

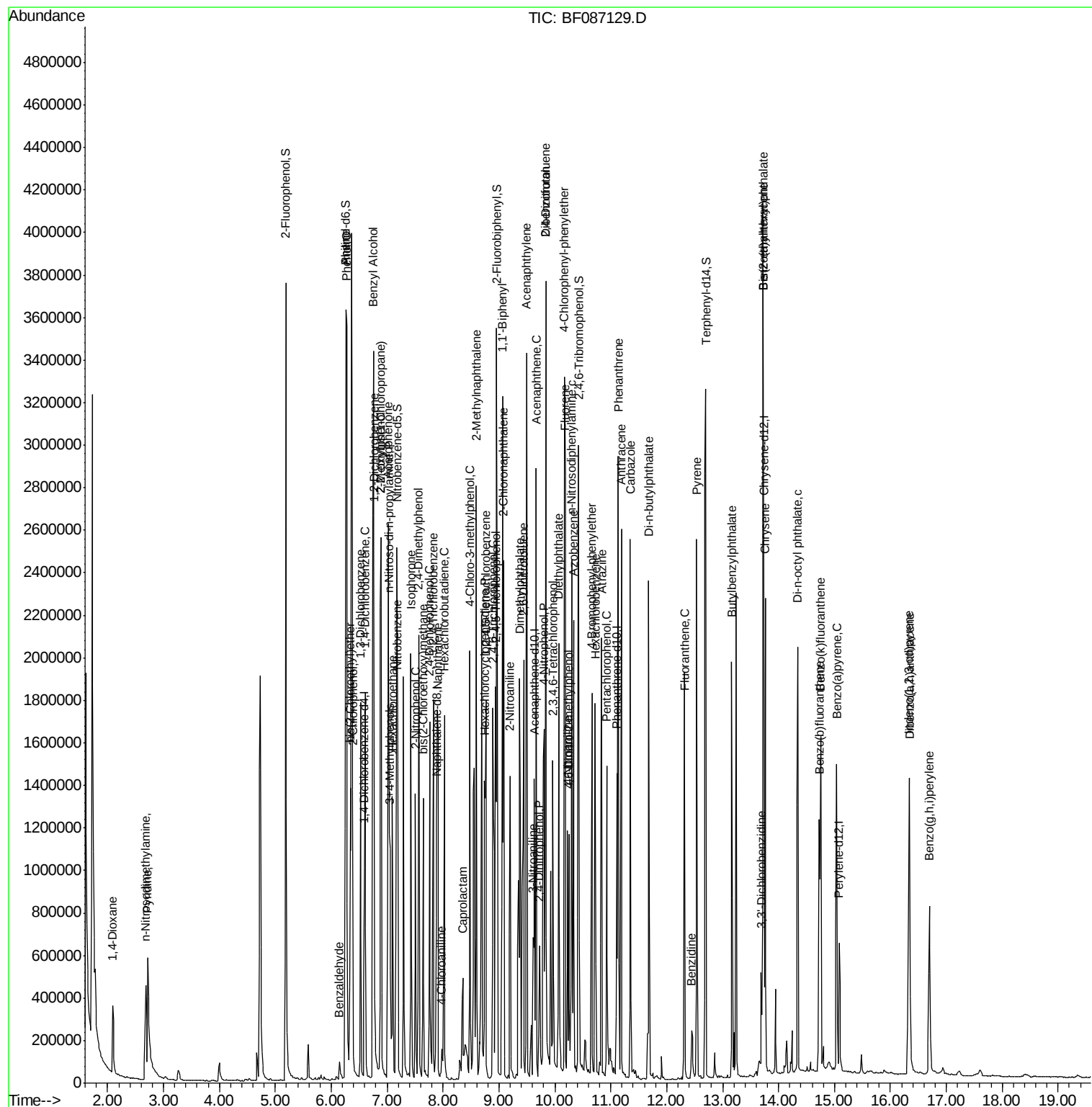
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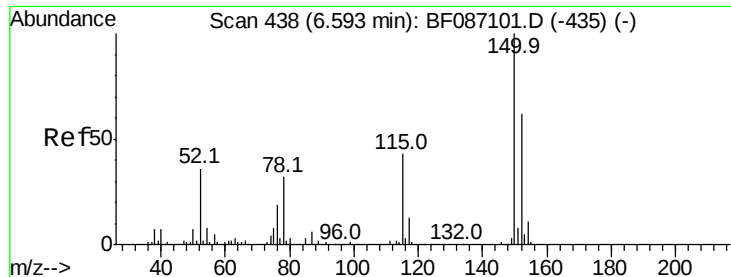
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

Tot Ion:152 Resp: 137268

Ion Ratio Lower Upper

152 100

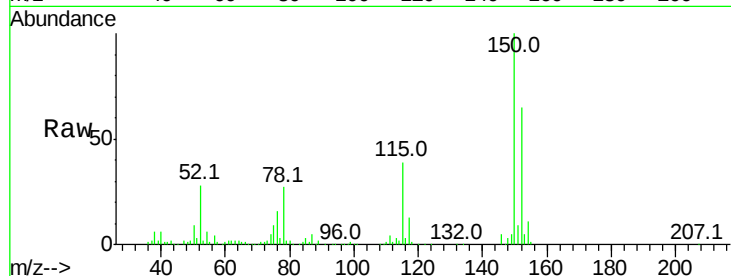
150 152.8 125.8 188.6

115 59.9 51.5 77.3

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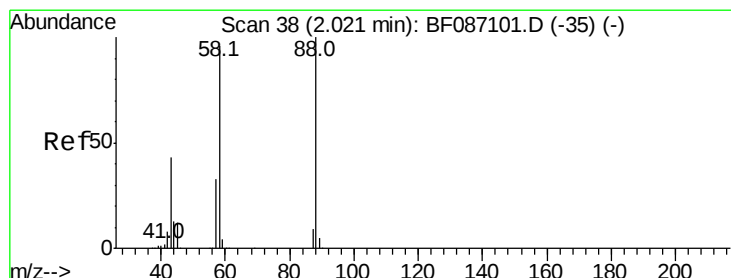
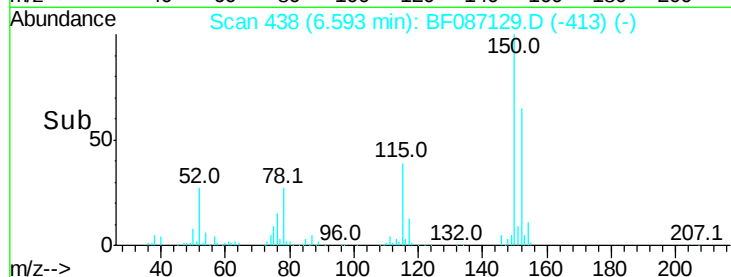
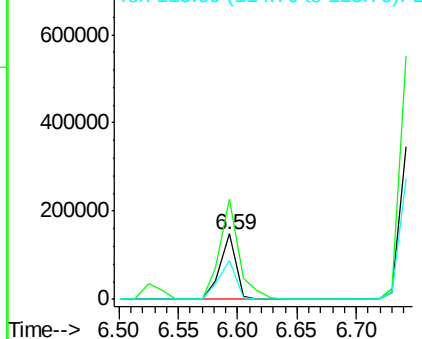
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.59 ng

RT: 2.09 min Scan# 44

Delta R.T. 0.03 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

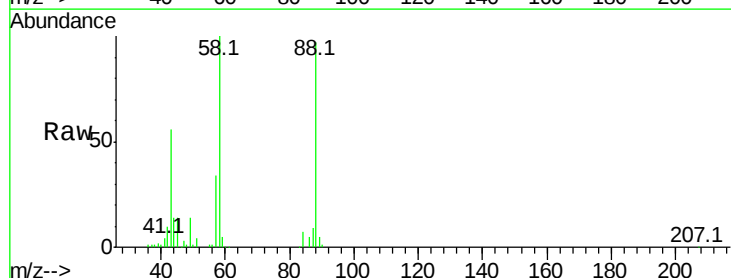
Tgt Ion: 88 Resp: 141096

Ion Ratio Lower Upper

88 100

58 99.9 59.6 89.4#

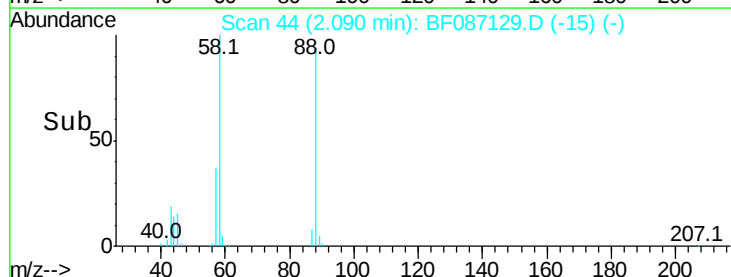
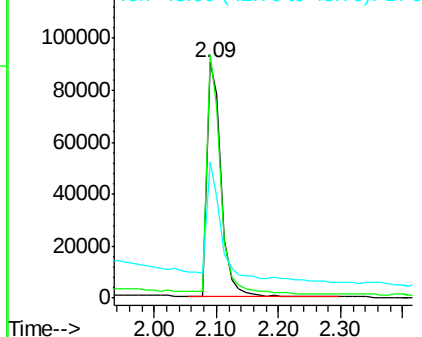
43 59.9 21.8 32.6#

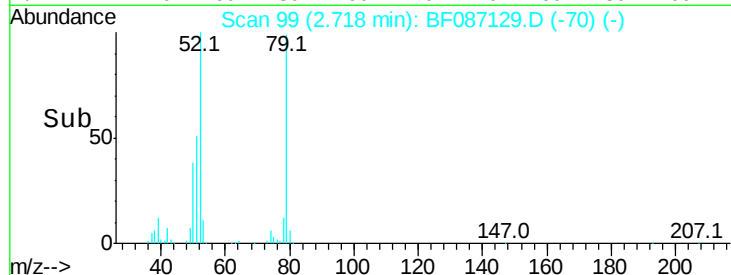
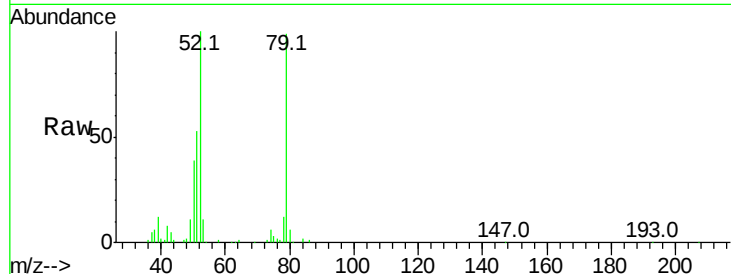
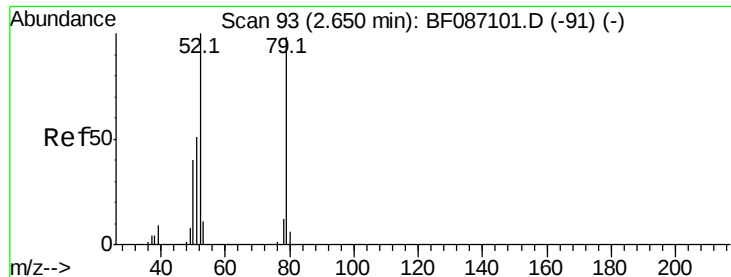


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





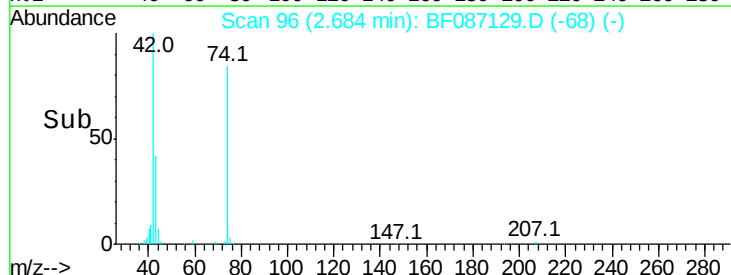
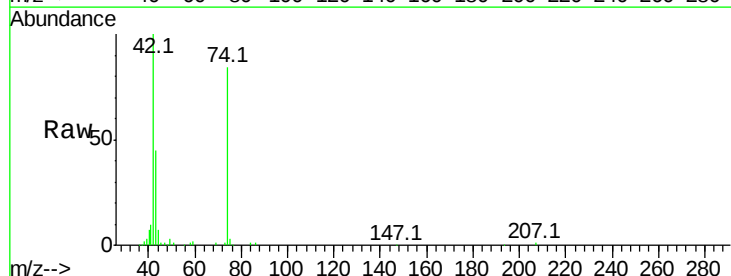
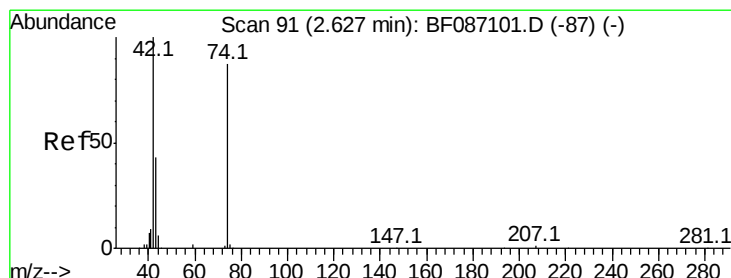
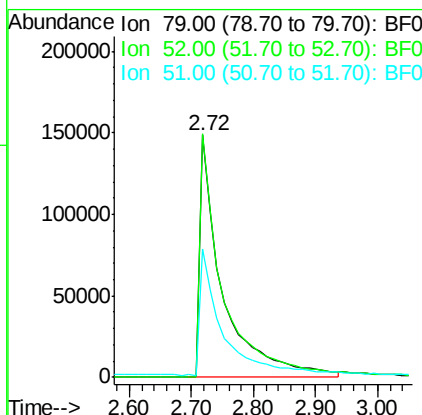
#3
 Pvridine
 Concen: 37.39 ng
 RT: 2.72 min Scan# 99
 Delta R.T. 0.03 min
 Lab File: BF087129.D
 Acq: 18 May 2016 4:15

Tot Ion	Ratio	Lower	Upper
79	100		
52	100.6	55.9	83.9#
51	53.0	28.1	42.1#

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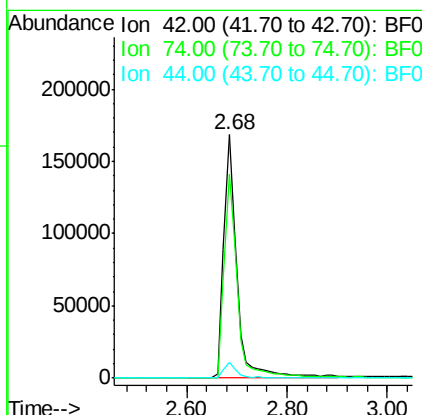
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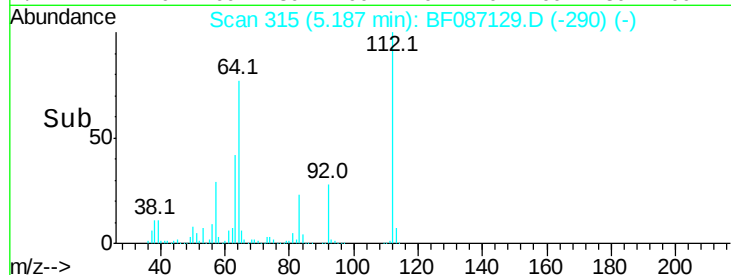
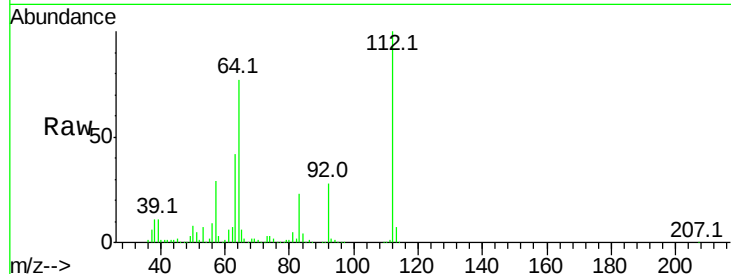
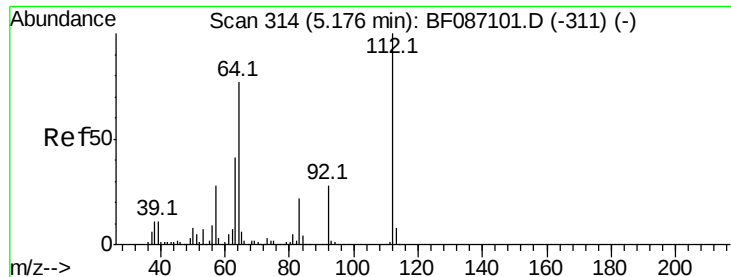
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#4
 n-Nitrosodimethylamine
 Concen: 42.09 ng
 RT: 2.68 min Scan# 96
 Delta R.T. 0.02 min
 Lab File: BF087129.D
 Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	83.8	123.4	185.0#
44	6.7	5.8	8.6





#5

2-Fluorophenol

Concen: 127.50 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF087129.D

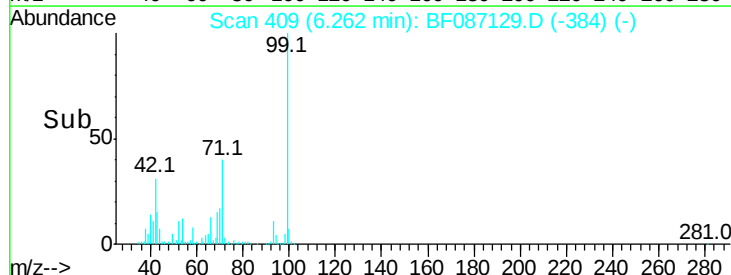
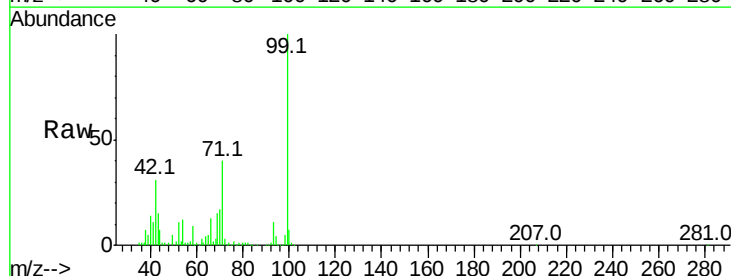
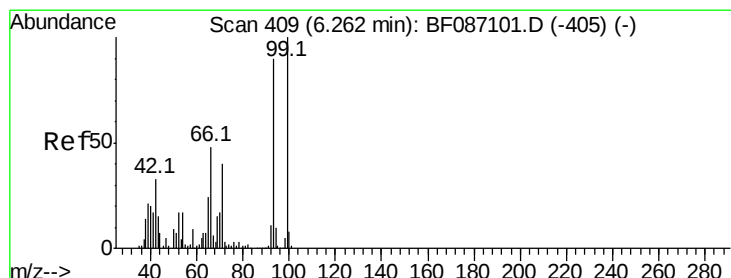
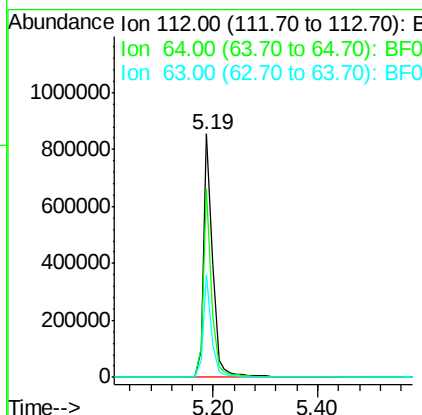
Acq: 18 May 2016 4:15

Tot Ion:	112	Resp:	1041255
Ion Ratio	Lower	Upper	
112	100		
64	77.3	52.1	78.1
63	42.4	25.7	38.5#

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#6

Aniline

Concen: 10.84 ng

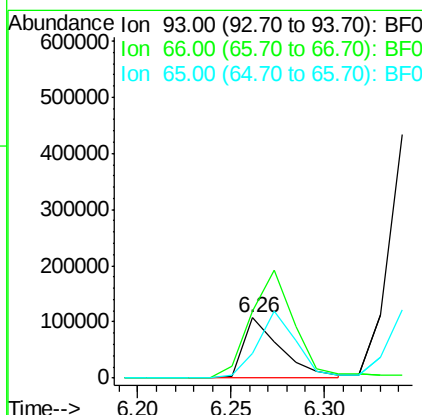
RT: 6.26 min Scan# 409

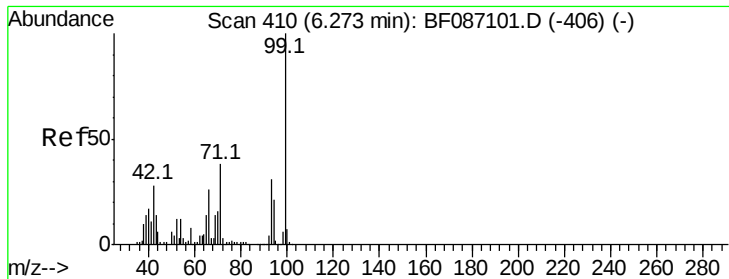
Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Tgt Ion:	93	Resp:	150769
Ion Ratio	Lower	Upper	
93	100		
66	111.4	39.0	58.6#
65	41.8	20.6	31.0#





#7

Phenol-d6

Concen: 136.22 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

Tot Ion: 99 Resp: 1492022

Ion Ratio Lower Upper

99 100

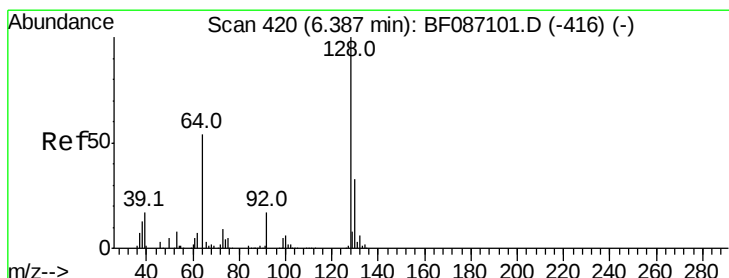
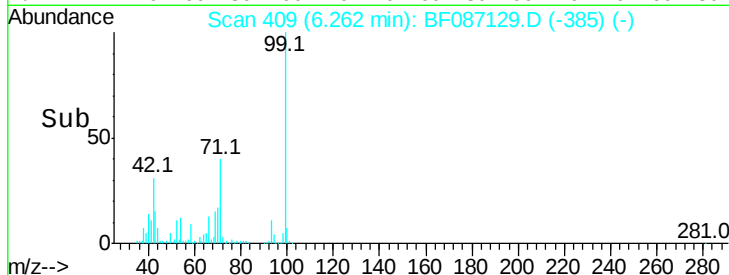
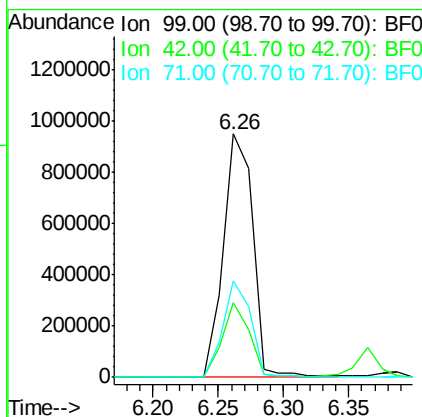
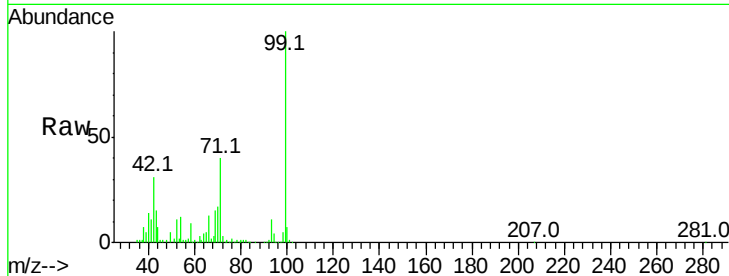
42 30.7 13.6 20.4#

71 39.8 24.6 36.8#

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#8

2-Chlorophenol

Concen: 39.54 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

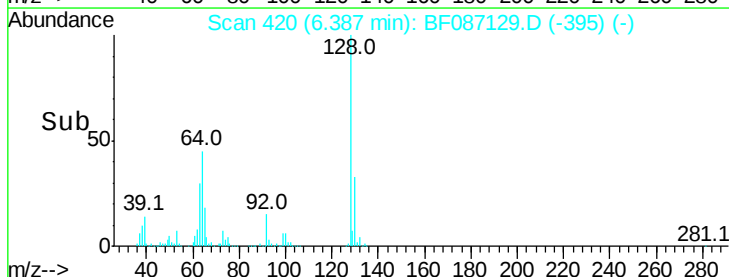
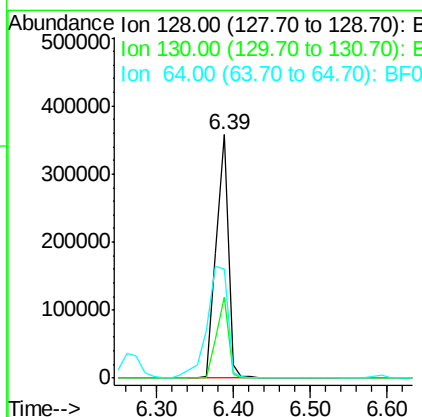
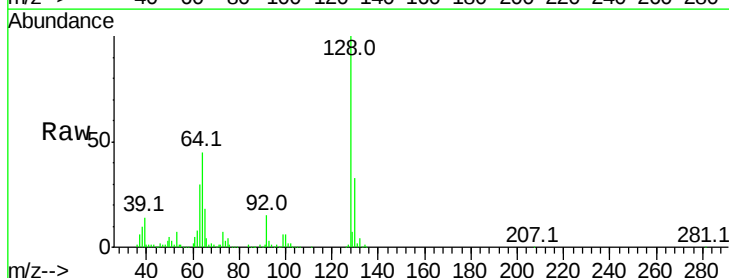
Tgt Ion: 128 Resp: 392836

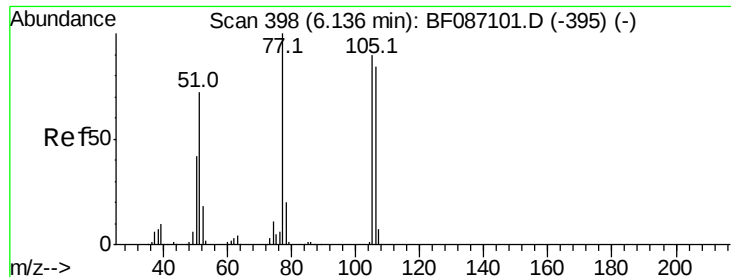
Ion Ratio Lower Upper

128 100

130 33.3 12.5 52.5

64 45.0 27.3 67.3





#9

Benzaldehyde

Concen: 3.86 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

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ClientSampleId :

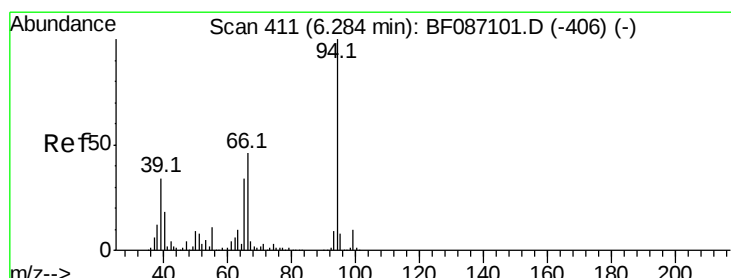
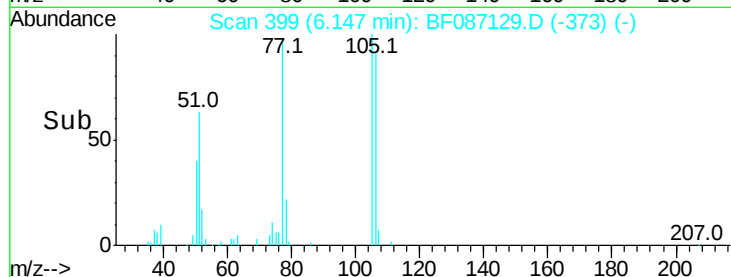
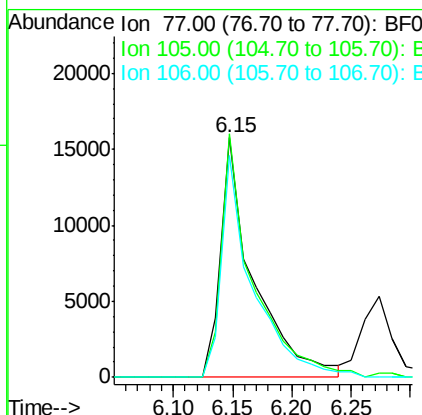
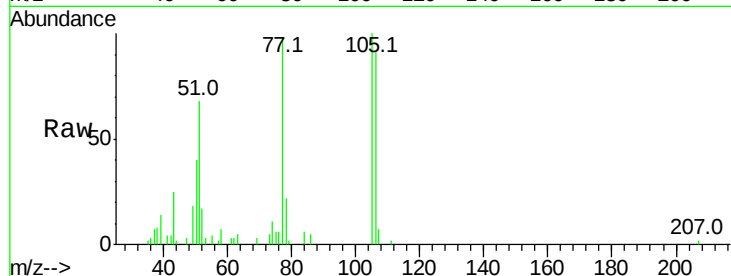
VITALE-FILL-CSPH3-12KMSD

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Tot Ion:	77	Resp:	30425
Ion Ratio	Lower	Upper	
77	100		
105	101.6	72.7	112.7
106	92.7	70.8	110.8



#10

Phenol

Concen: 29.21 ng

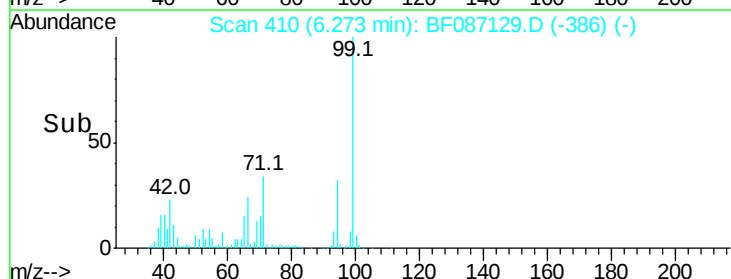
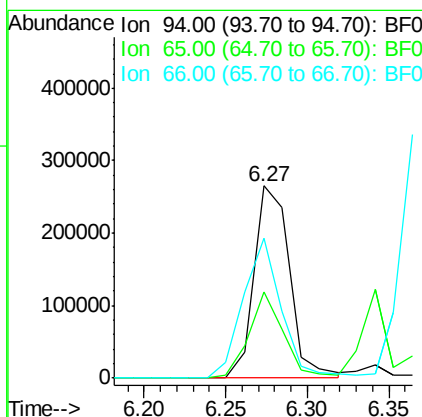
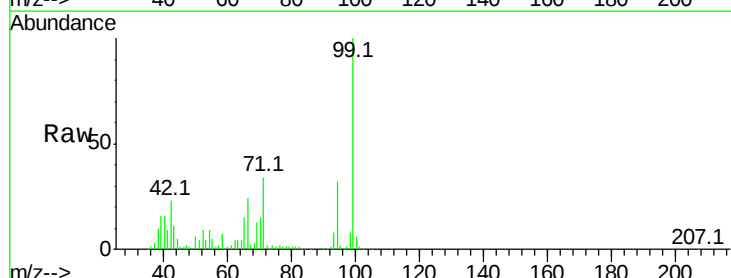
RT: 6.27 min Scan# 410

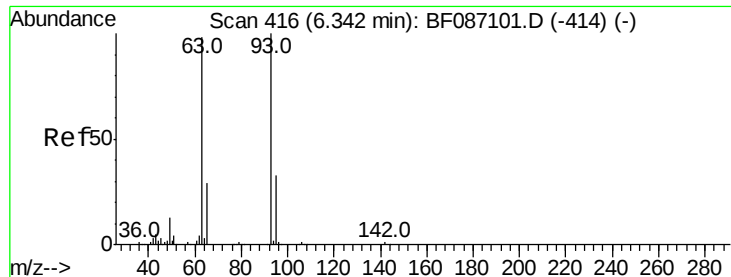
Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Tgt Ion:	94	Resp:	402220
Ion Ratio	Lower	Upper	
94	100		
65	44.8	7.2	47.2
66	72.7	14.9	54.9#





#11

bis(2-Chloroethyl)ether

Concen: 39.84 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

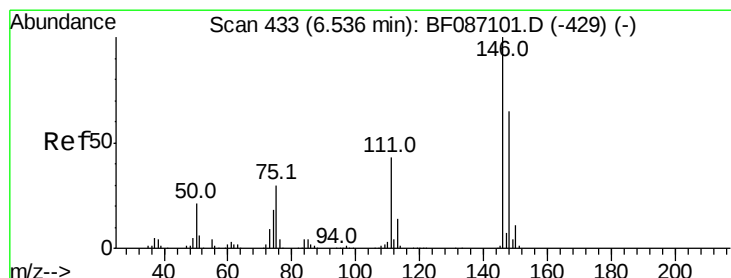
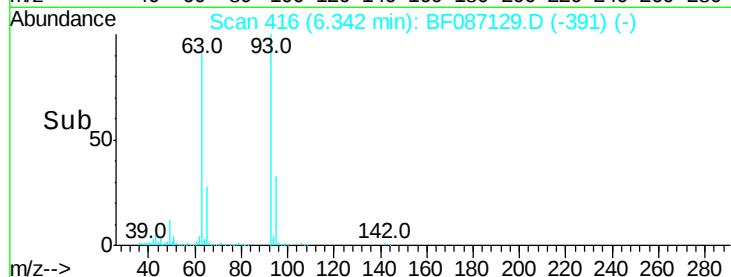
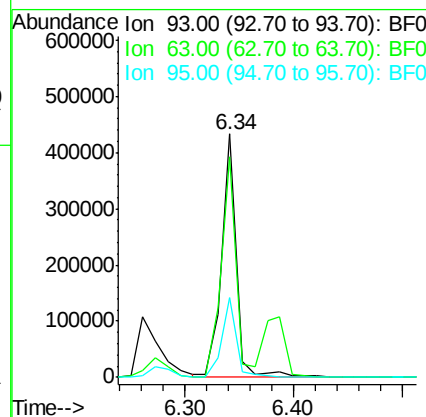
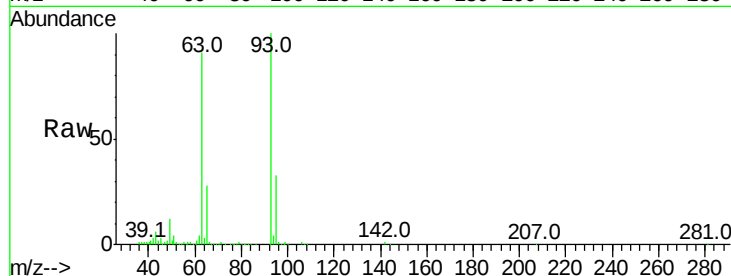
ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

Tot Ion:	93	Resp:	411901
Ion Ratio	Lower	Upper	
93	100		
63	90.8	58.0	98.0
95	32.7	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 37.54 ng m

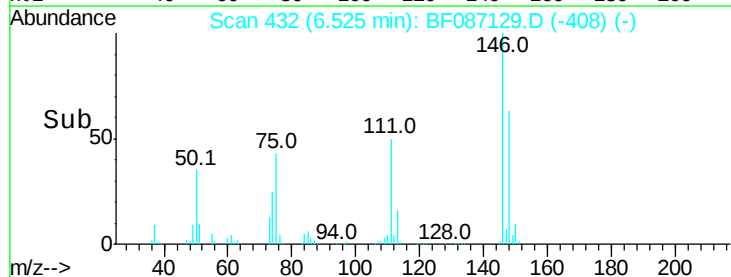
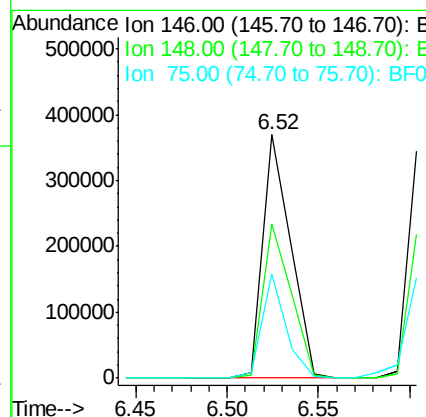
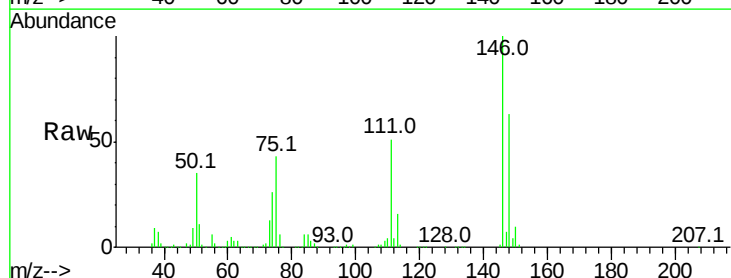
RT: 6.52 min Scan# 432

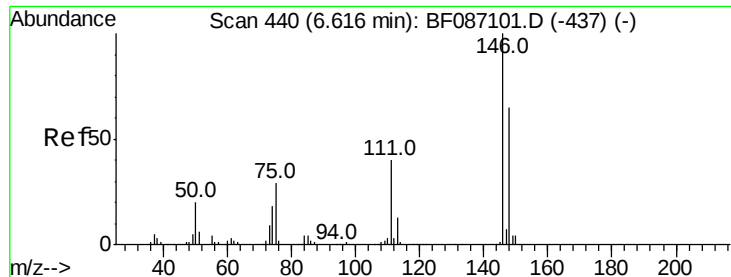
Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Tgt Ion:	146	Resp:	396475
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.4	78.6
75	42.6	22.8	34.2#





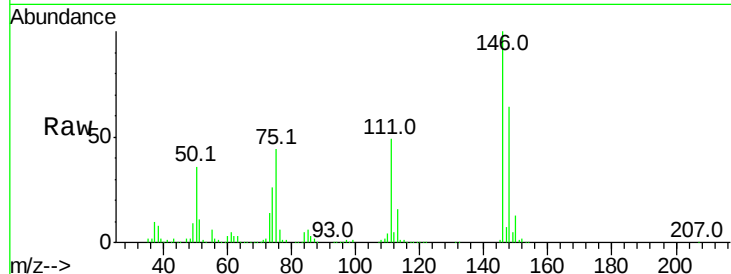
#13
1,4-Dichlorobenzene
Concen: 37.12 ng/ml
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
111	48.6	30.7	46.1

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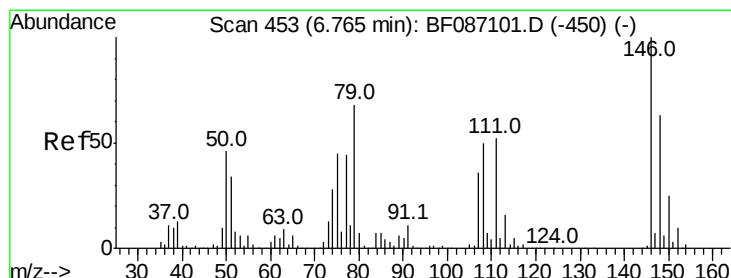
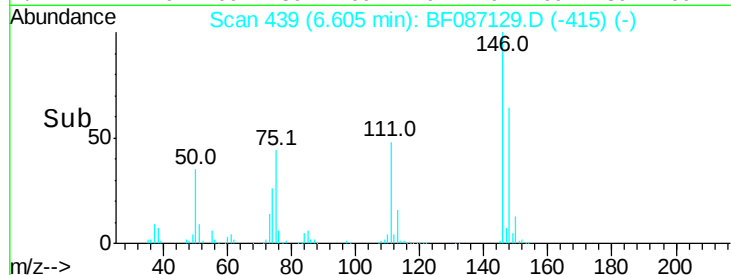
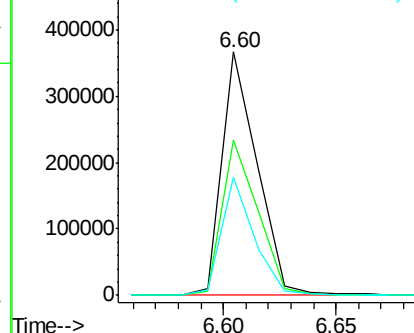


Abundance

Ion 146.00 (145.70 to 146.70): E

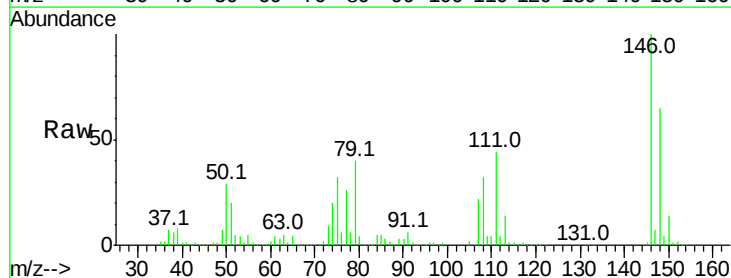
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 39.97 ng/ml
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.6
111	44.2	36.2	54.4

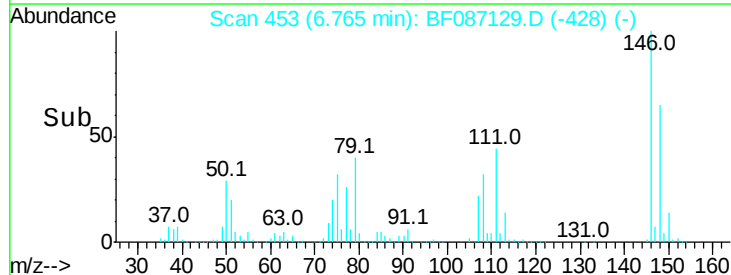
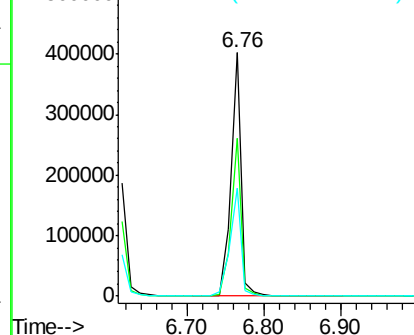


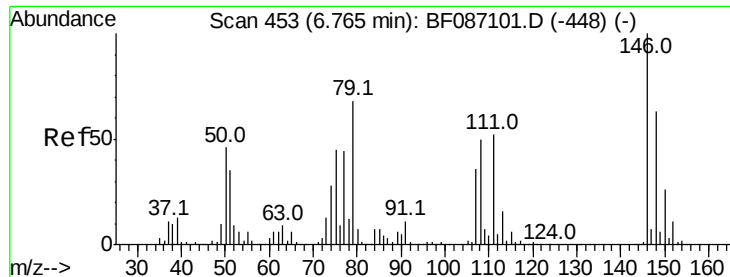
Abundance

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: 43.05 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

Tot Ion: 79 Resp: 351034

Ion Ratio Lower Upper

79 100

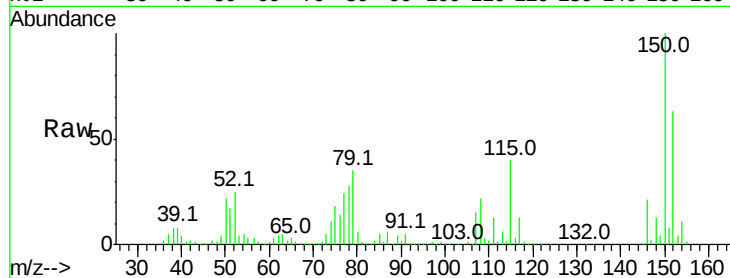
108 63.1 68.4 102.6#

77 67.4 50.6 76.0

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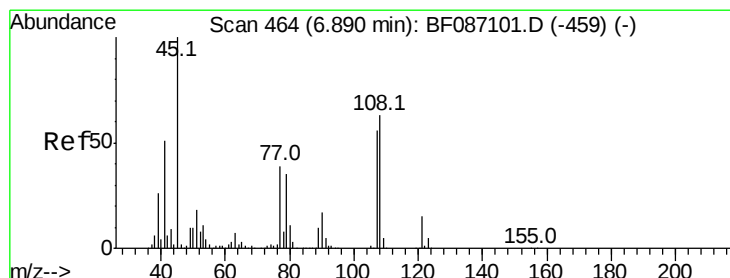
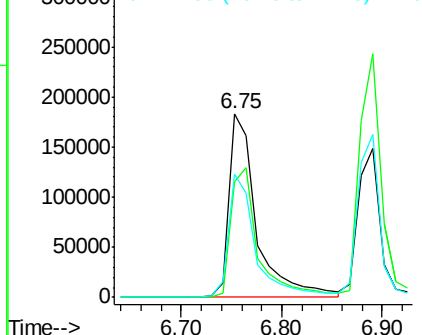
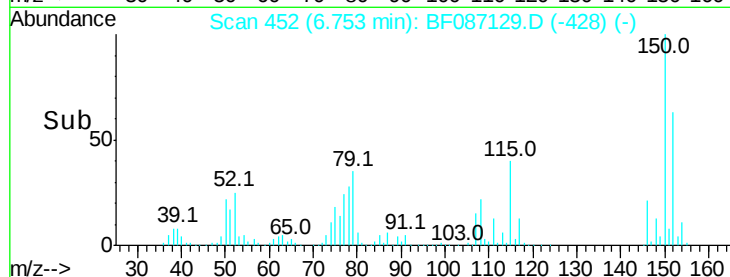
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.97 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

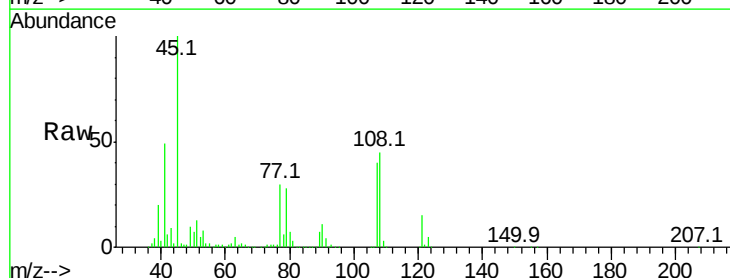
Tgt Ion: 45 Resp: 828202

Ion Ratio Lower Upper

45 100

77 30.2 0.0 36.4

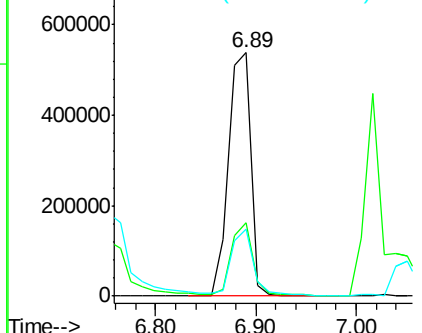
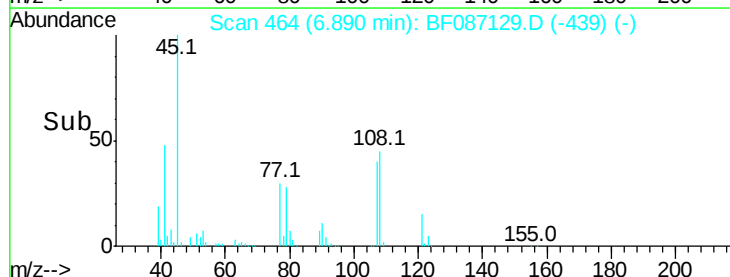
79 27.5 0.0 33.4

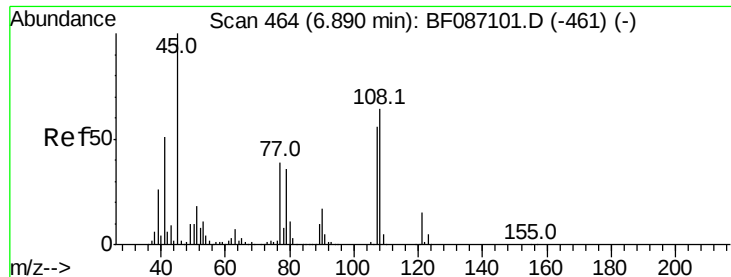


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.85 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

Tot Ion:107 Resp: 316999

Ion Ratio Lower Upper

107 100

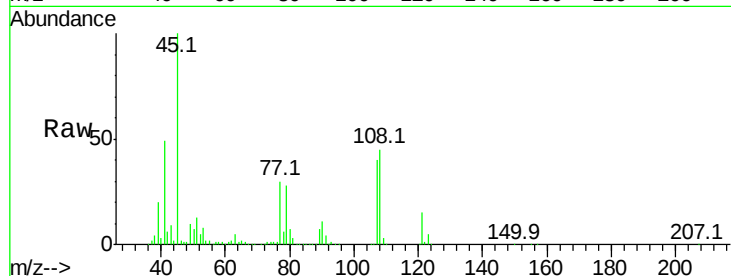
108 111.7 93.7 140.5

77 74.9 33.4 50.0#

79 68.1 34.3 51.5#

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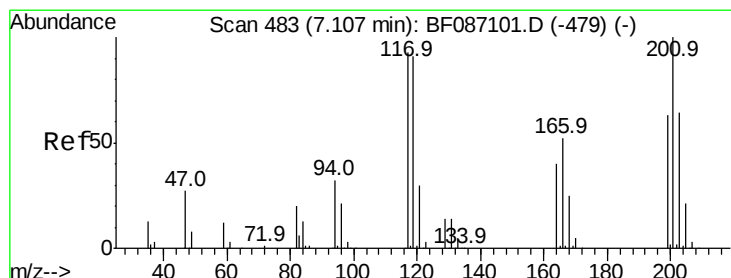
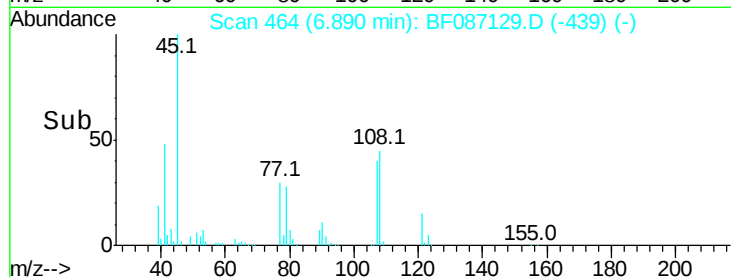
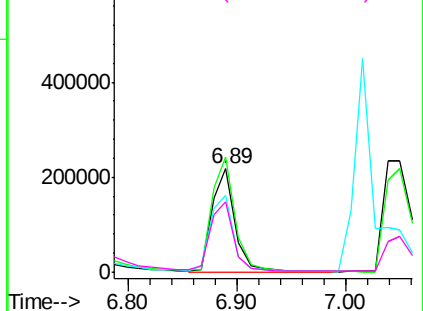


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.03 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

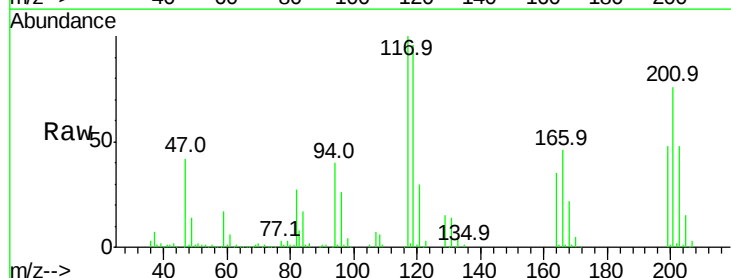
Tgt Ion:117 Resp: 157135

Ion Ratio Lower Upper

117 100

119 95.6 76.5 114.7

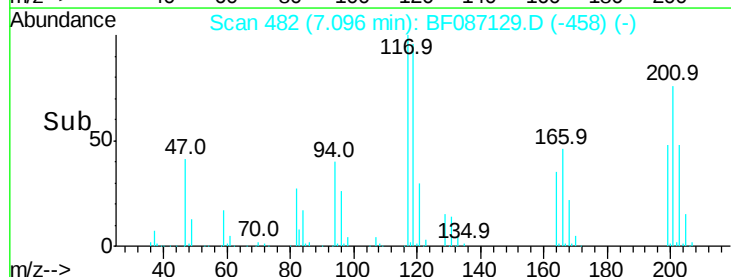
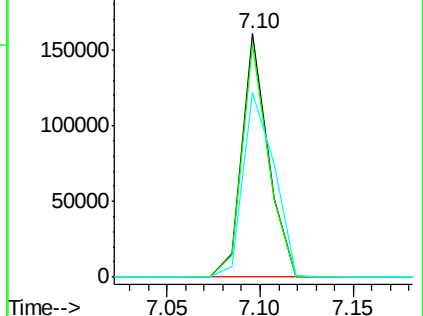
201 75.8 63.0 94.6

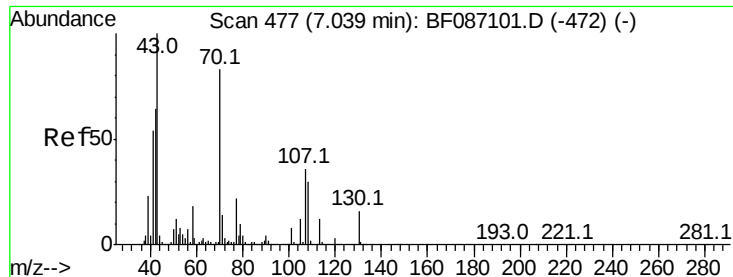


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





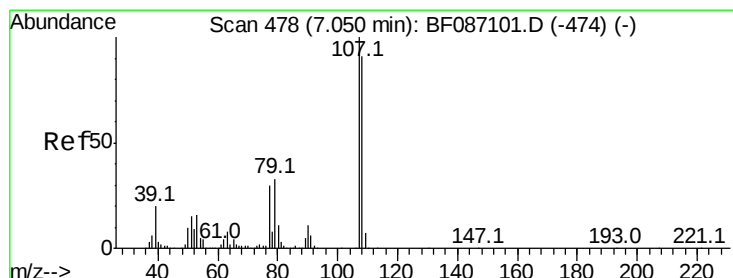
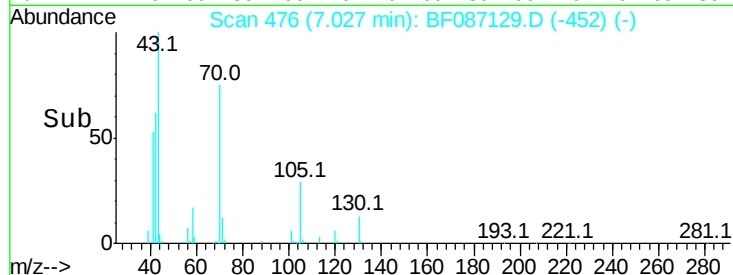
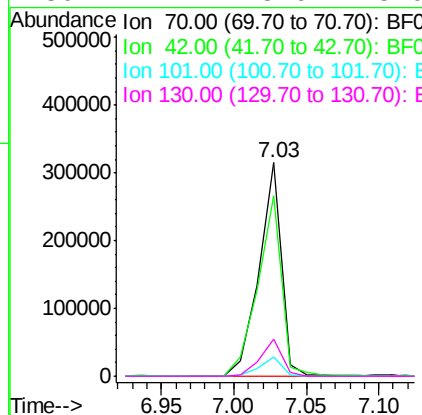
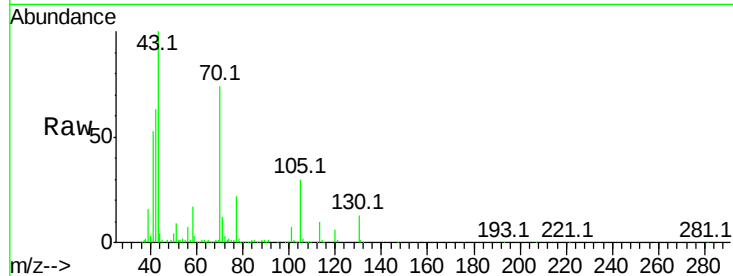
#19
n-Nitroso-di-n-propylamine
Concen: 40.70 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	84.5	43.1	64.7#
101	8.8	8.1	12.1
130	17.2	18.6	28.0#

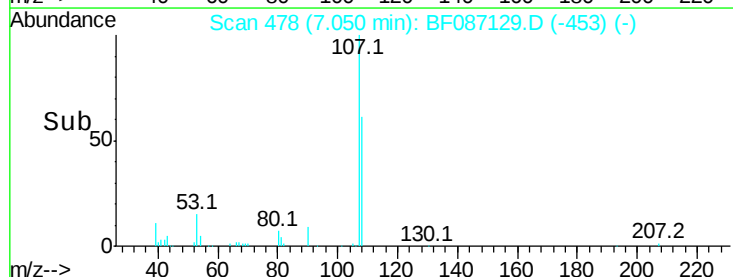
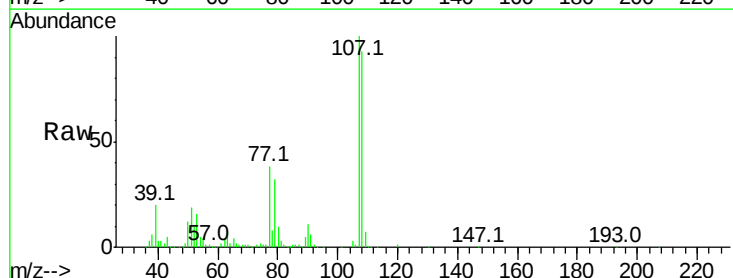
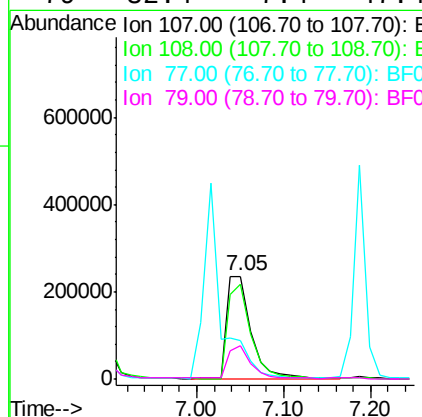
Manual Integrations
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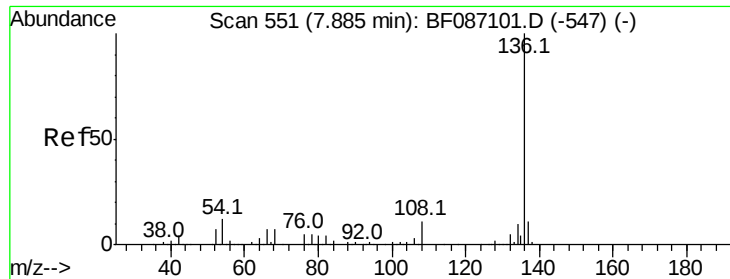
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#20
3+4-Methylphenols
Concen: 42.47 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	92.6	68.5	108.5
77	37.7	101.6	141.6#
79	32.4	7.4	47.4





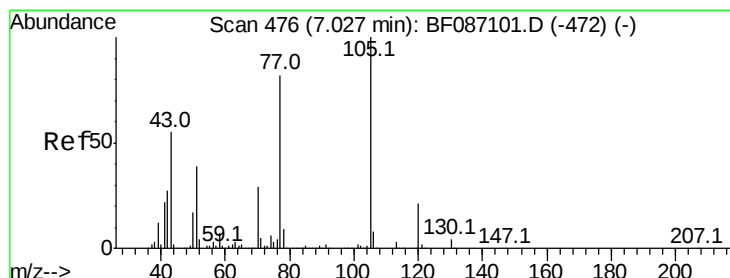
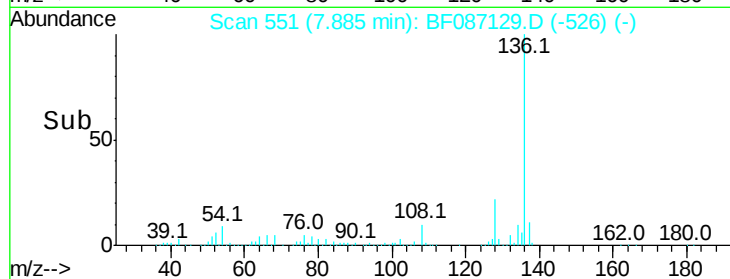
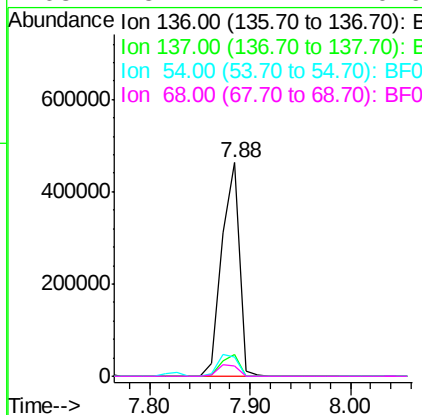
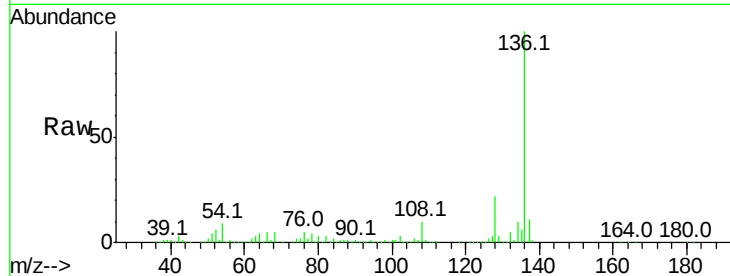
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.2	5.0	7.4#
68	5.1	4.4	6.6

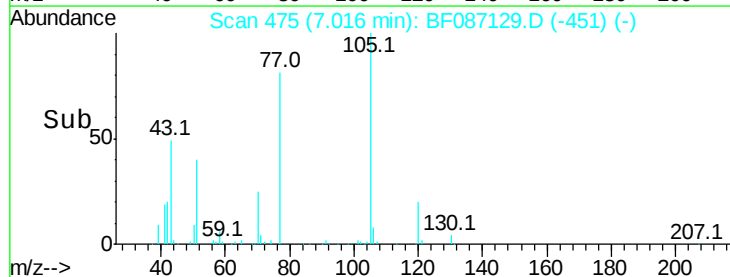
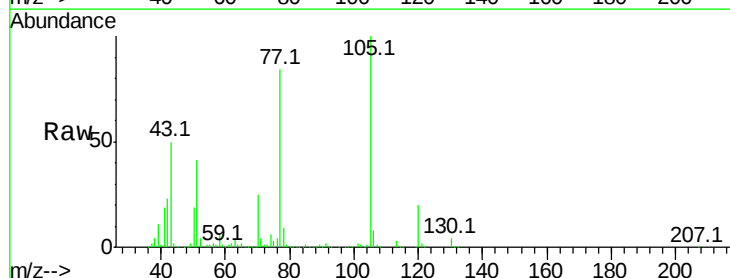
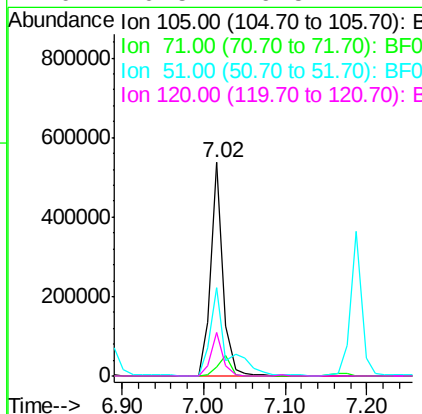
Manual Integrations
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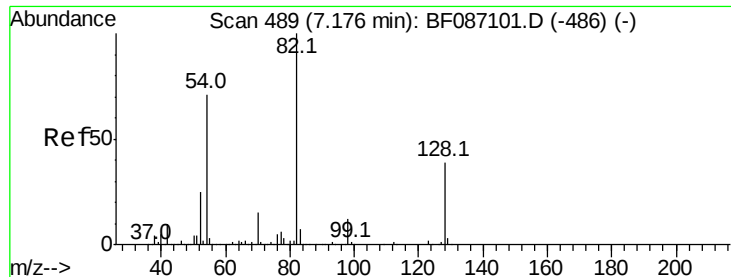
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#22
Acetophenone
Concen: 41.70 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.2	4.8	7.2#
51	41.5	32.6	49.0
120	20.5	16.5	24.7





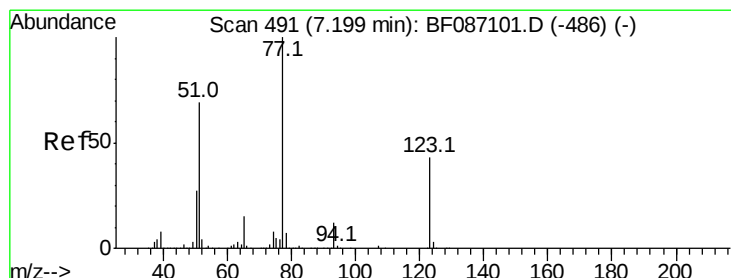
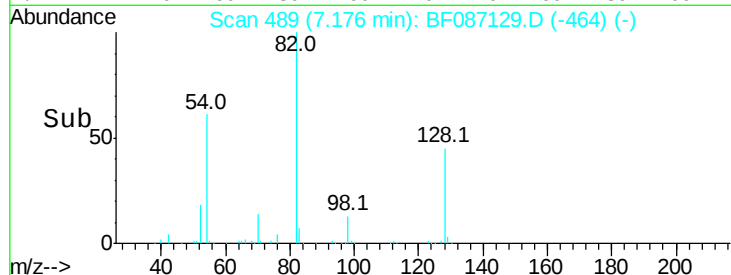
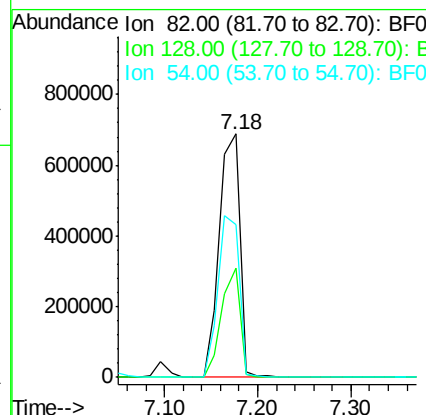
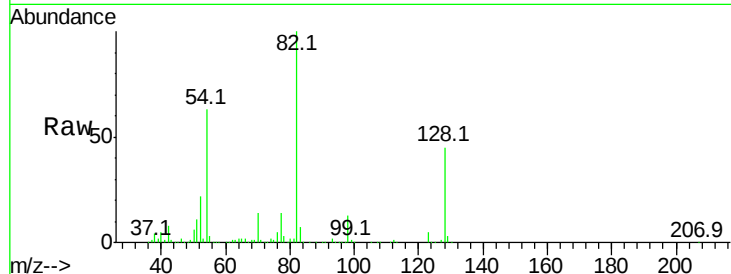
#23
 Nitrobenzene-d5
 Concen: 93.77 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF087129.D
 Acq: 18 May 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-12KMSD

Tot Ion: 82 Resp: 1058276
 Ion Ratio Lower Upper
 82 100
 128 45.1 40.6 61.0
 54 62.7 38.1 57.1#

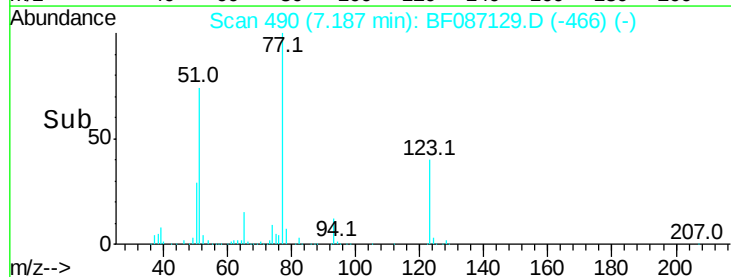
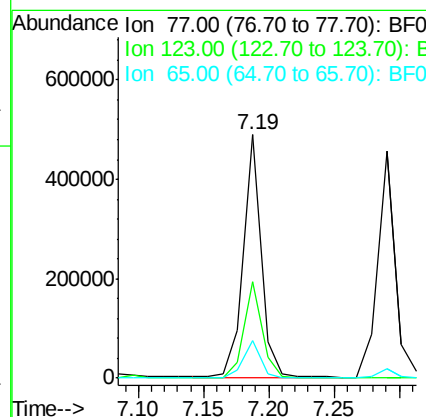
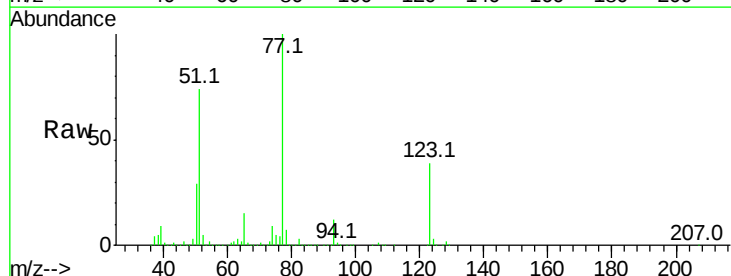
Manual Integrations
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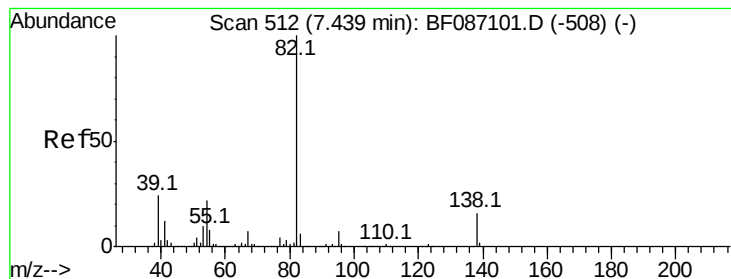
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#24
 Nitrobenzene
 Concen: 37.46 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF087129.D
 Acq: 18 May 2016 4:15

Tgt Ion: 77 Resp: 461623
 Ion Ratio Lower Upper
 77 100
 123 39.4 33.0 49.4
 65 15.2 10.8 16.2





#25

Isophorone

Concen: 39.28 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

ClientSampleId :

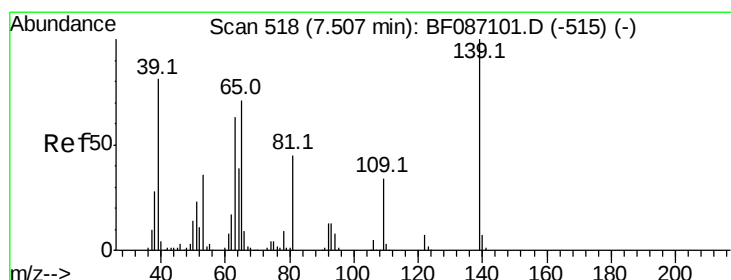
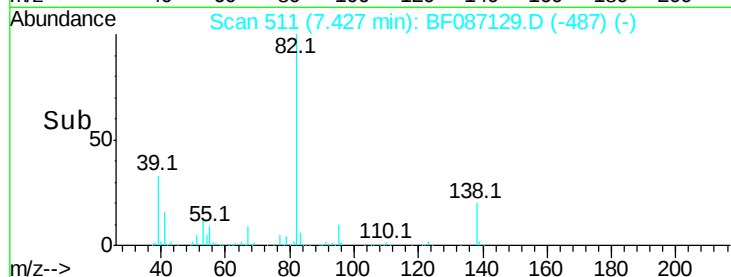
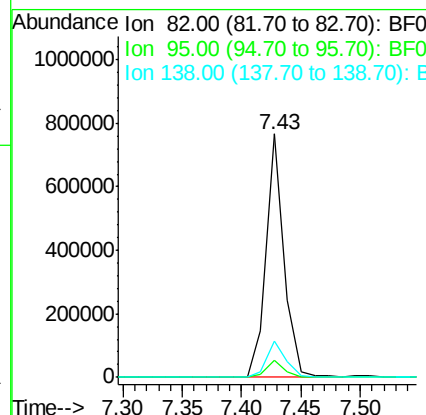
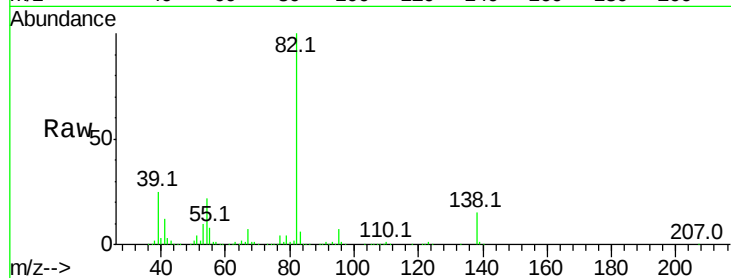
VITALE-FILL-CSPH3-12KMSD

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Tot Ion:	82	Resp:	811474
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.1	7.7
138	14.8	12.4	18.6



#26

2-Nitrophenol

Concen: 44.07 ng

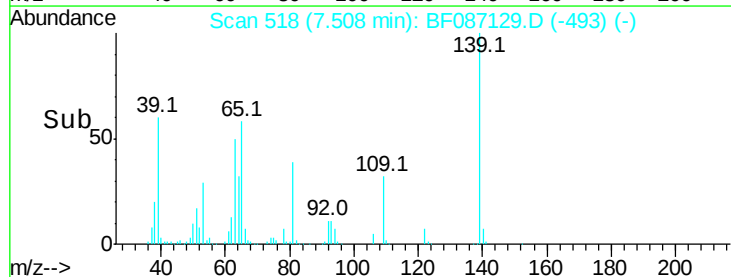
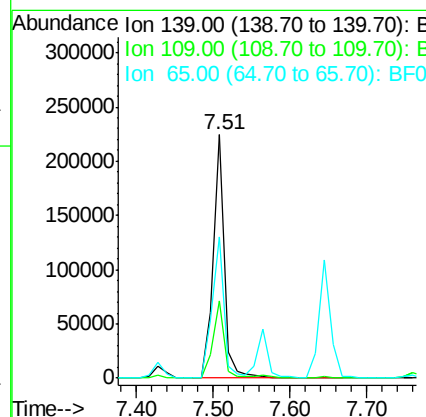
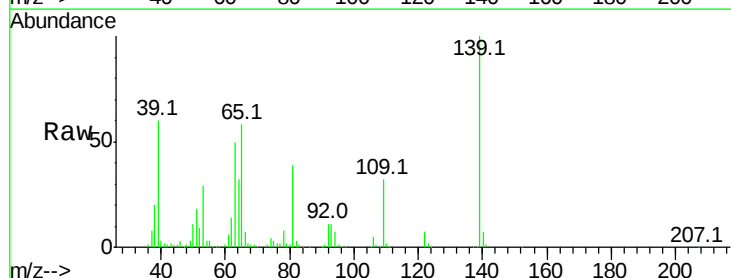
RT: 7.51 min Scan# 518

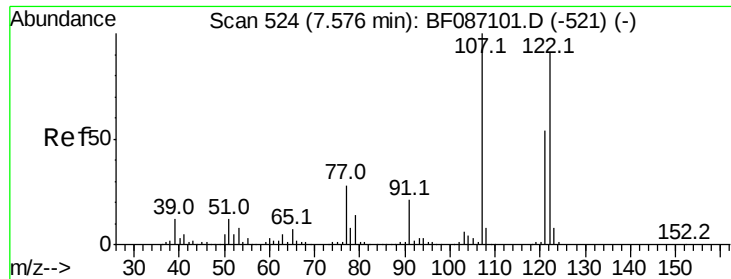
Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Tgt Ion:	139	Resp:	224972
Ion Ratio	Lower	Upper	
139	100		
109	31.6	19.5	29.3#
65	58.0	37.5	56.3#





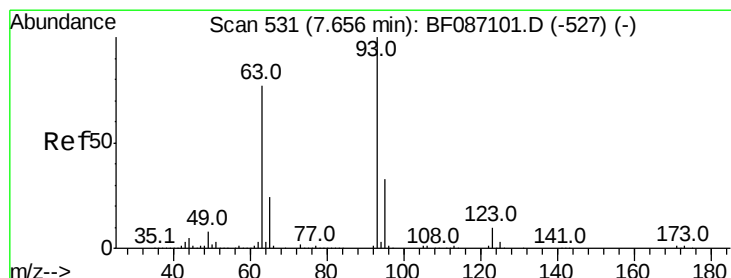
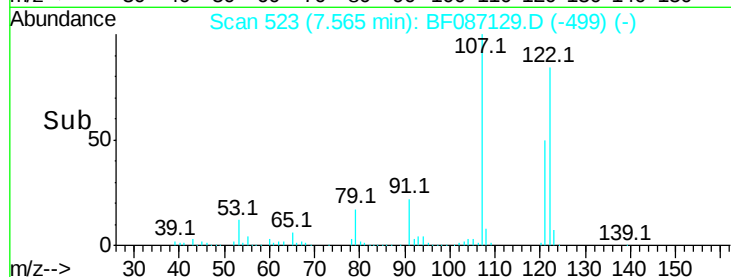
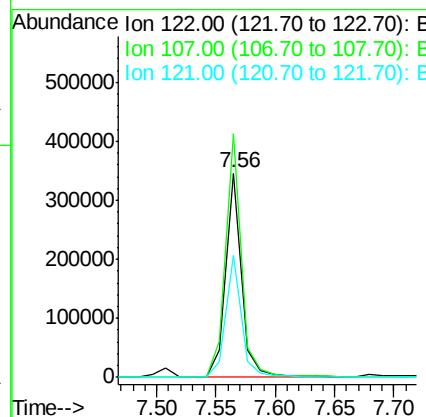
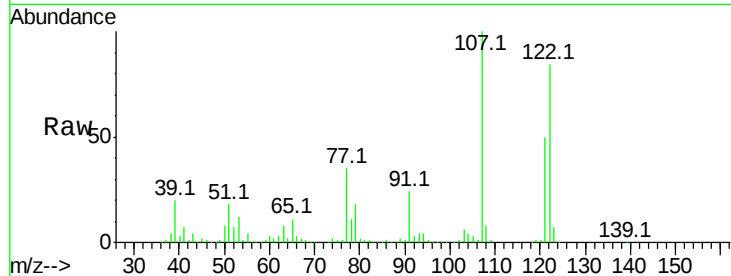
#27
2,4-Dimethylphenol
Concen: 36.20 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	315354		
107	119.3	82.0	123.0	
121	59.7	46.1	69.1	

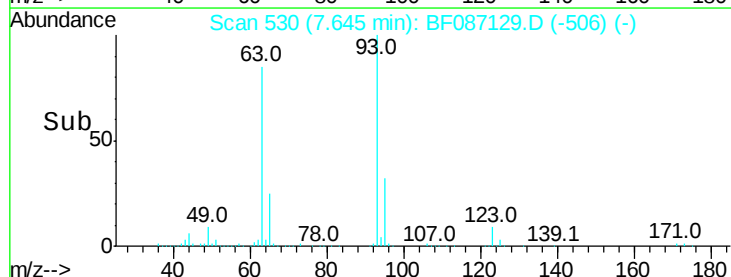
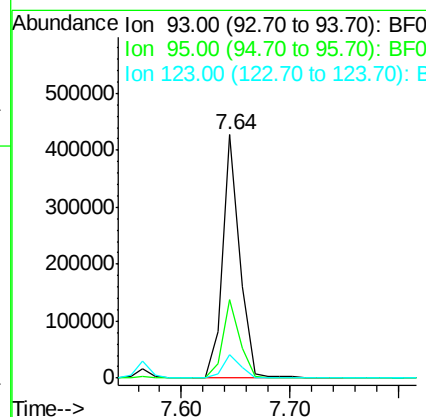
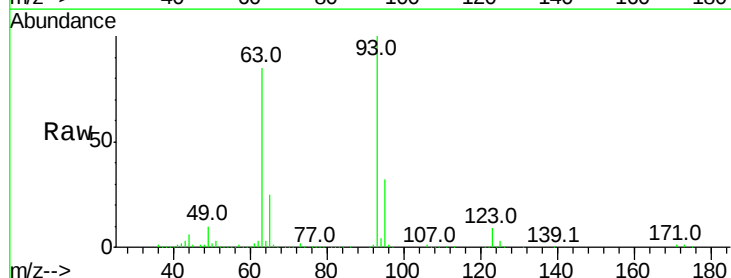
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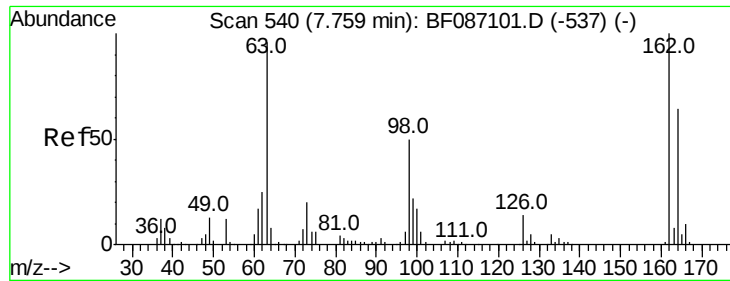
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#28
bis(2-Chloroethoxy)methane
Concen: 41.44 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	470050		
95	32.1	26.0	39.0	
123	9.4	9.5	14.3#	





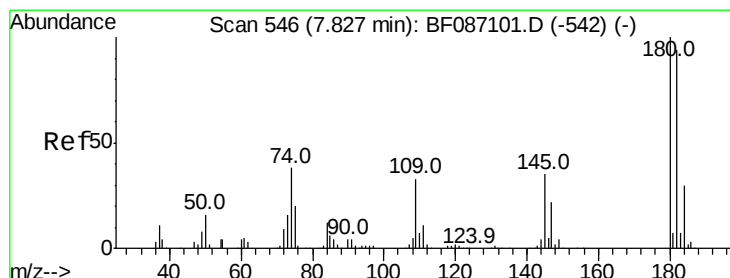
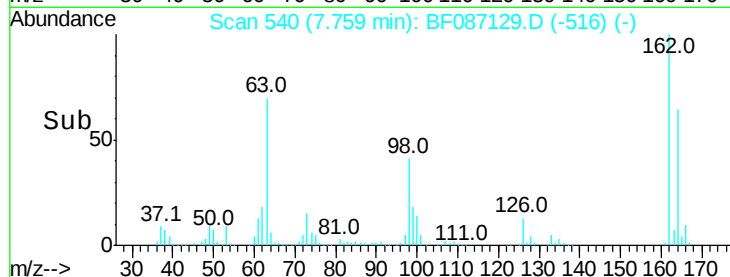
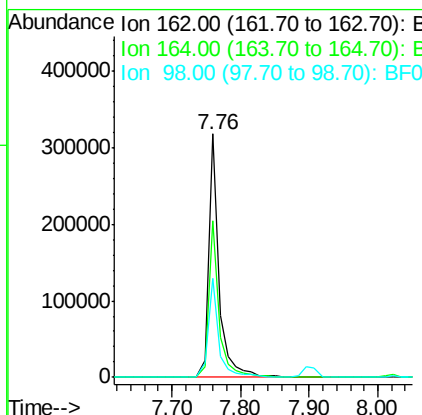
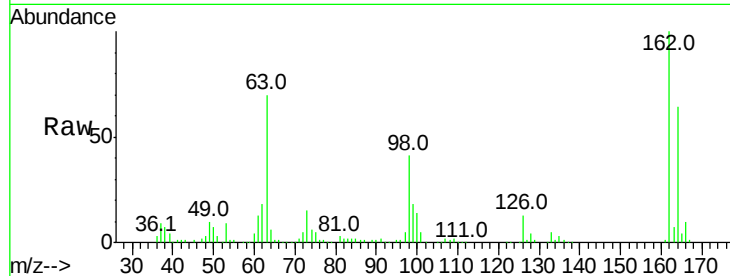
#29
2,4-Dichlorophenol
Concen: 43.99 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	337707		
164	64.5	42.2	82.2	
98	40.6	19.0	59.0	

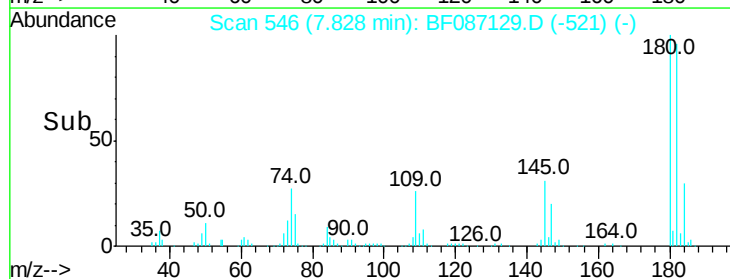
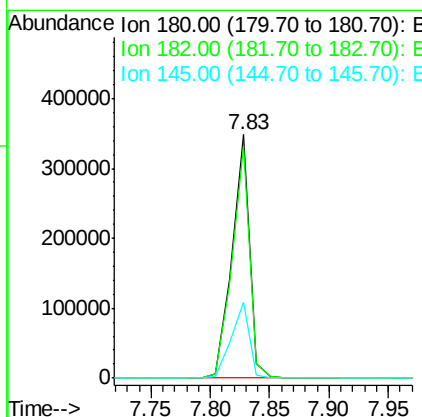
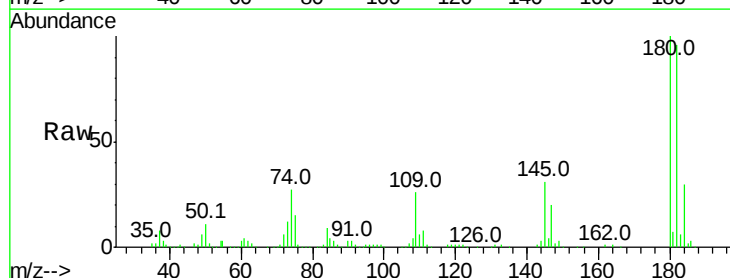
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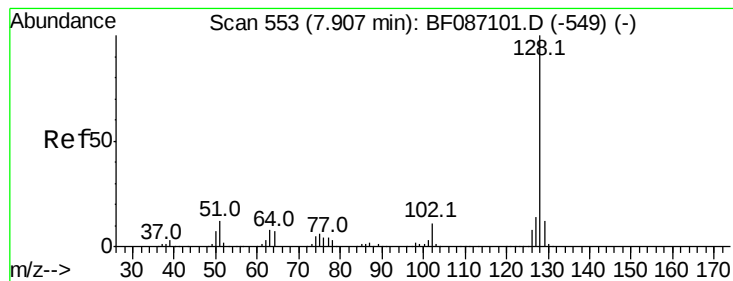
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#30
1,2,4-Trichlorobenzene
Concen: 41.77 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	355781		
182	95.5	78.0	117.0	
145	31.2	24.2	36.2	





#31

Naphthalene

Concen: 41.85 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

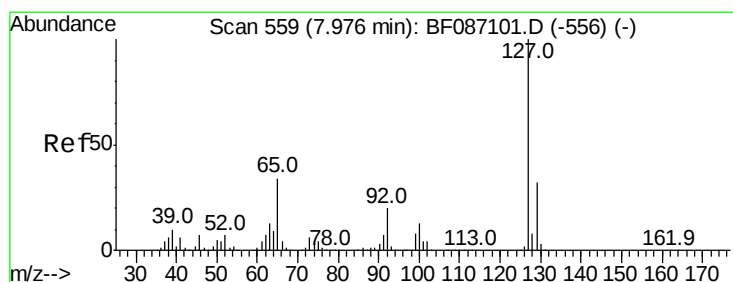
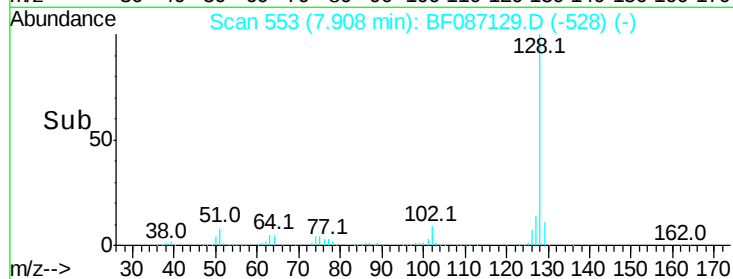
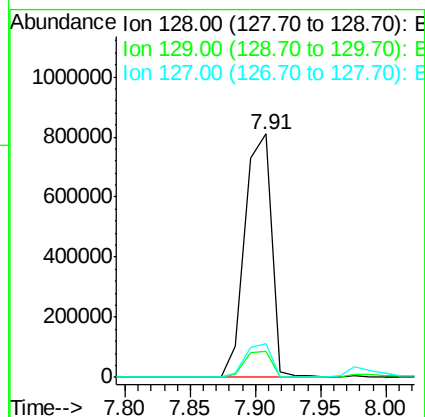
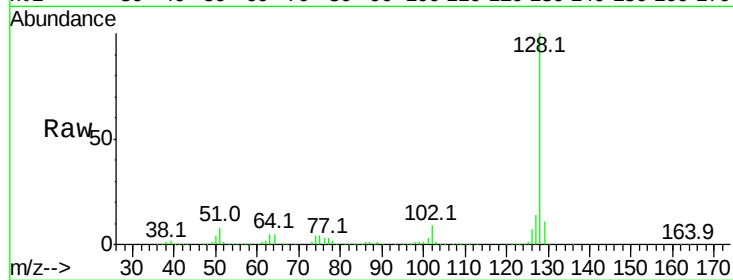
ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

Tot Ion:128	Resp: 1150119
Ion Ratio	Lower Upper
128 100	
129 10.9	8.6 13.0
127 13.6	10.8 16.2

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#33

4-Chloroaniline

Concen: 6.27 ng

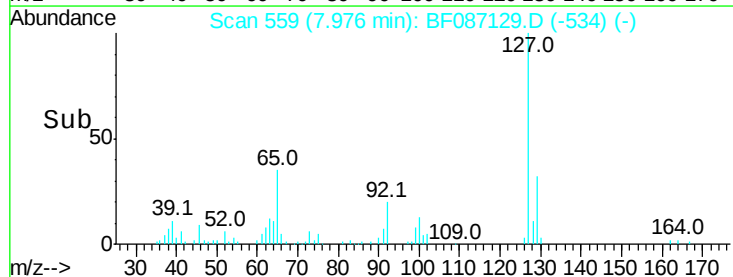
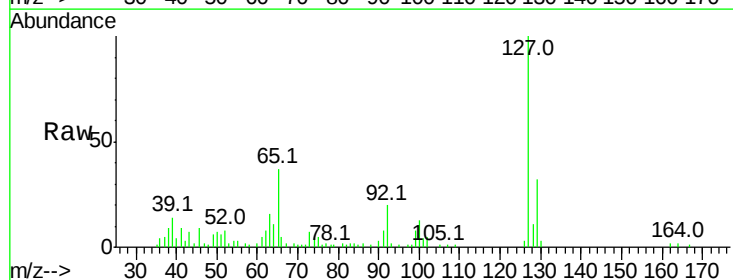
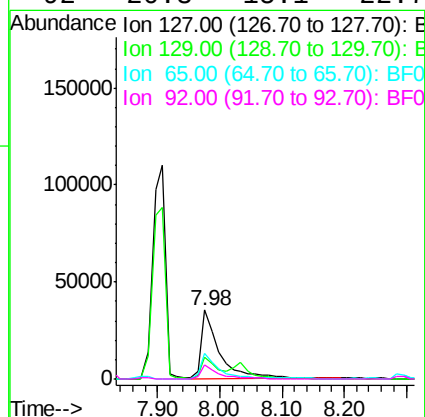
RT: 7.98 min Scan# 559

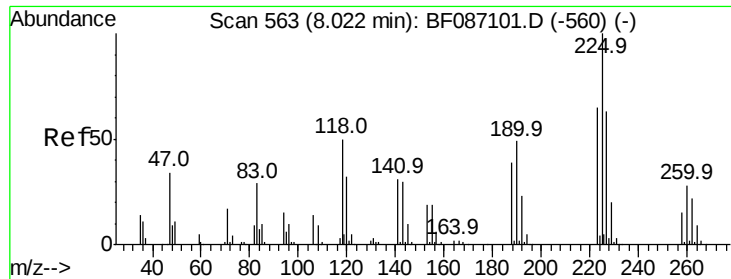
Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Tgt Ion:127	Resp: 71646
Ion Ratio	Lower Upper
127 100	
129 31.6	26.2 39.4
65 37.0	23.0 34.4#
92 20.3	15.1 22.7





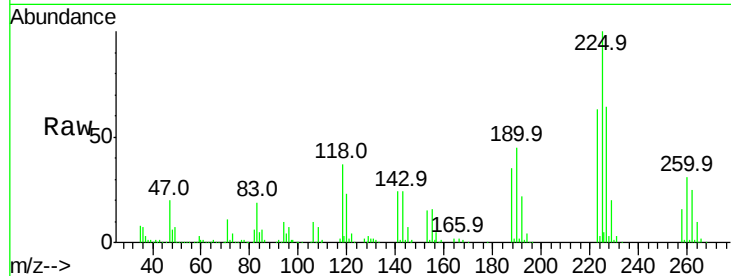
#34
Hexachlorobutadiene
Concen: 41.38 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Resp Lower	Upper
225	100		
223	63.1	51.5	77.3
227	64.2	52.2	78.2

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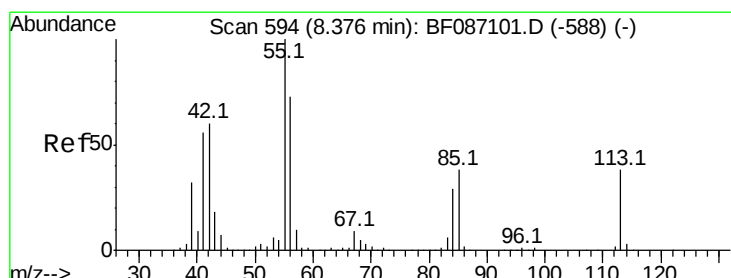
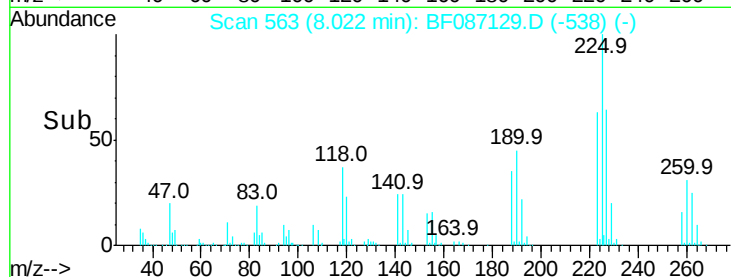
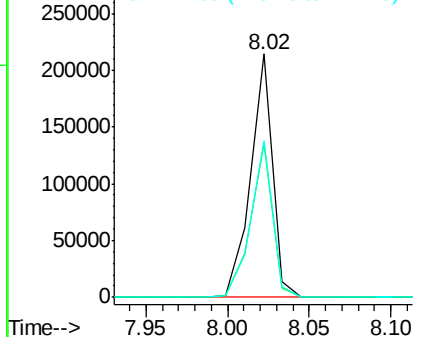


Abundance

Ion 225.00 (224.70 to 225.70): E

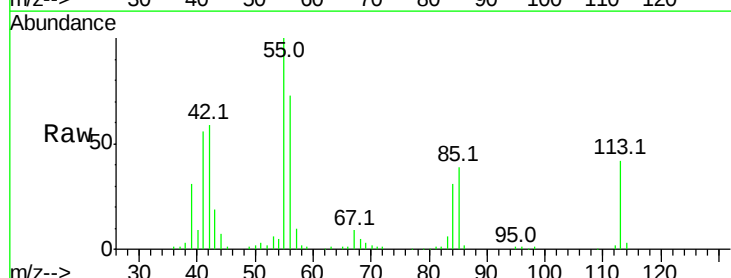
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 41.84 ng m
RT: 8.35 min Scan# 592
Delta R.T. -0.03 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
55	236.3	162.0	202.0#
56	172.9	115.3	155.3#

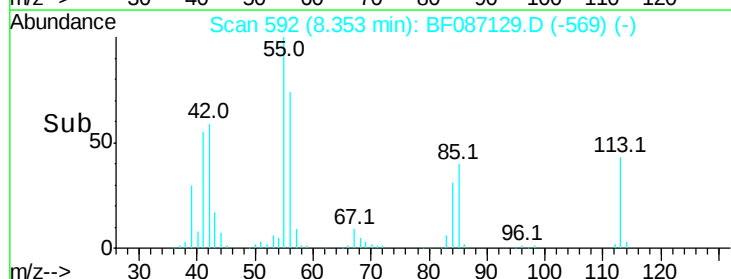
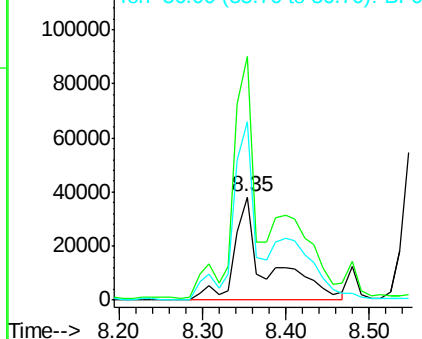


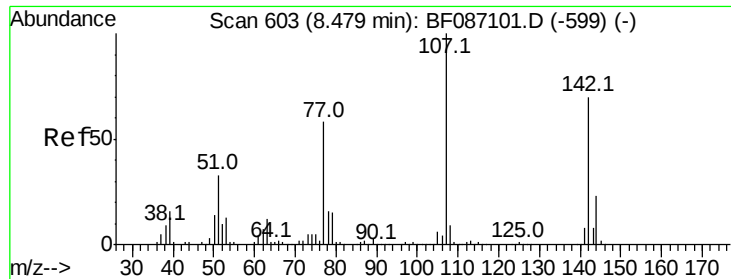
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





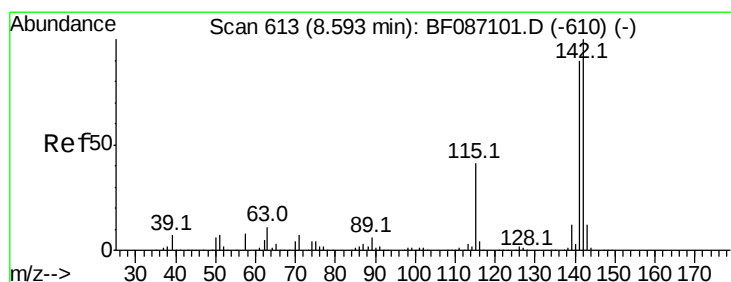
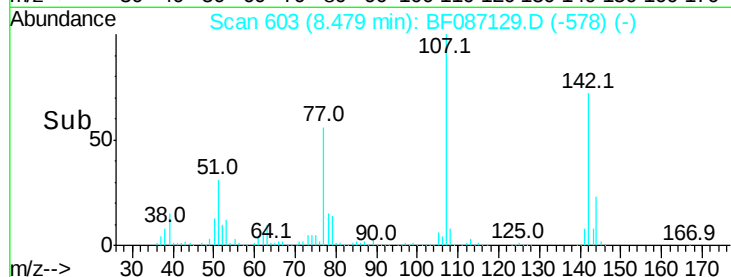
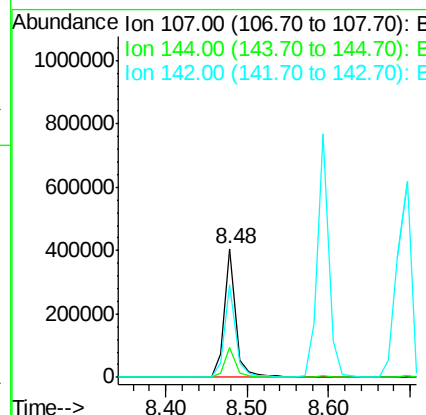
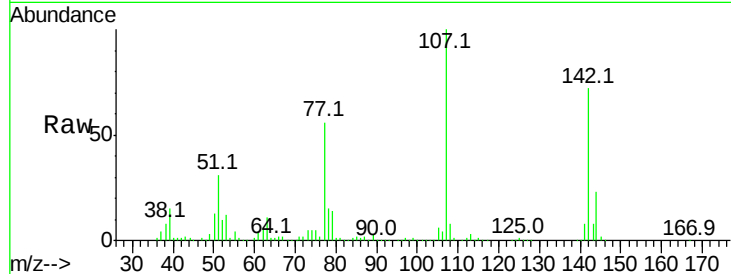
#36
4-Chloro-3-methylphenol
Concen: 42.76 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.3	20.7	31.1	
142	72.0	63.2	94.8	

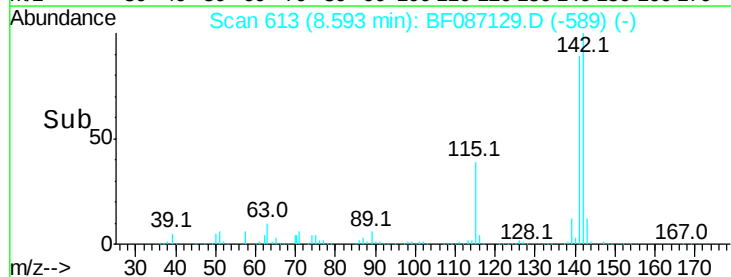
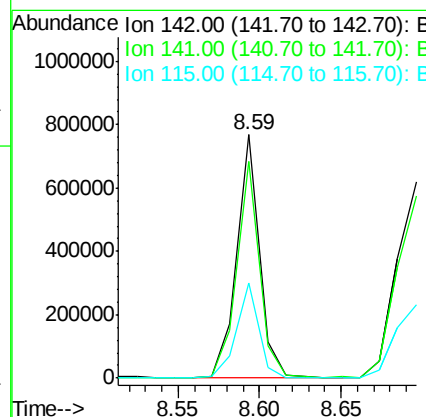
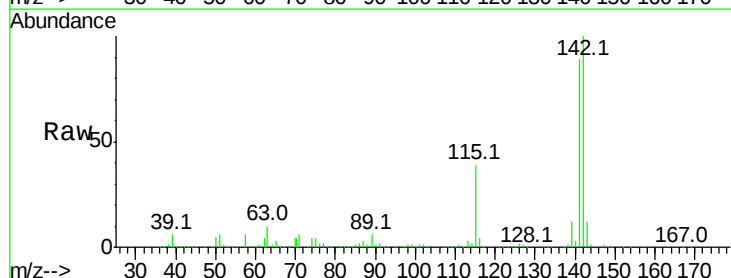
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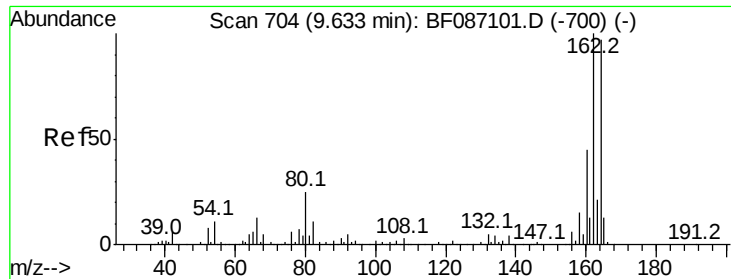
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#37
2-Methylnaphthalene
Concen: 41.71 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.1	71.0	106.6	
115	39.1	26.6	39.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF087129.D

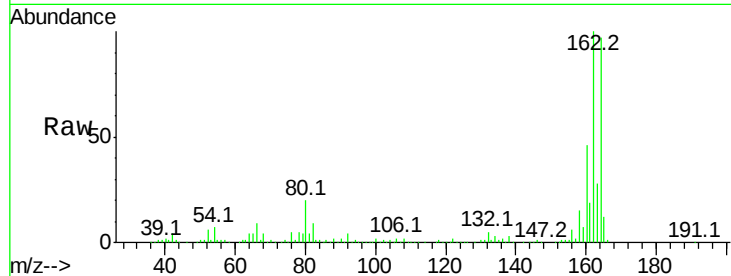
Acq: 18 May 2016 4:15

Instrument :

BNA_F

ClientSampleId :

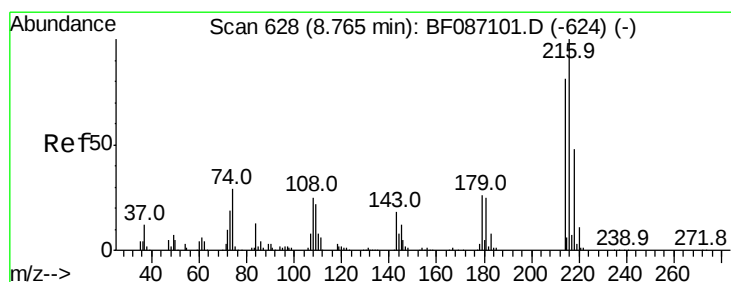
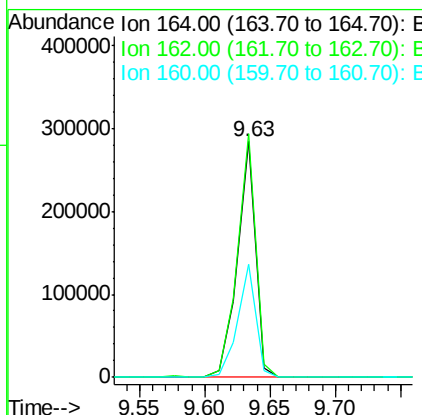
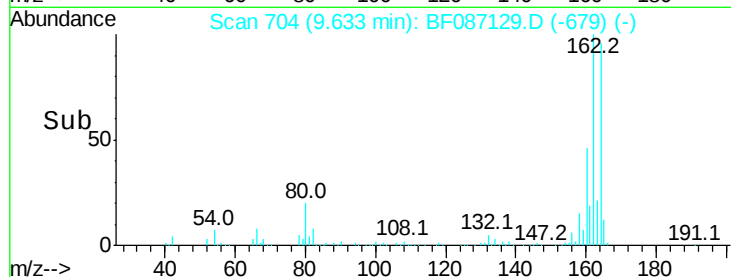
VITALE-FILL-CSPH3-12KMSD



Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.5	82.8	124.2	
160	47.9	36.9	55.3	

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#39

1,2,4,5-Tetrachlorobenzene

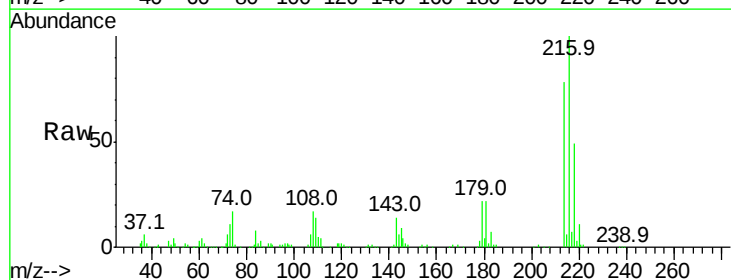
Concen: 41.85 ng

RT: 8.76 min Scan# 628

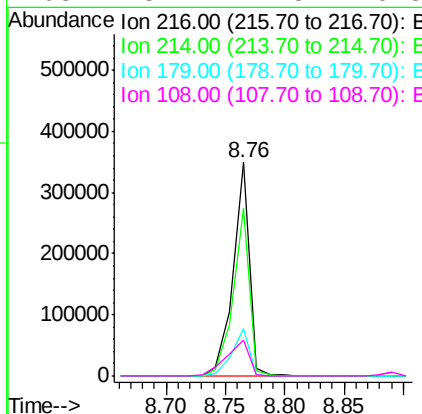
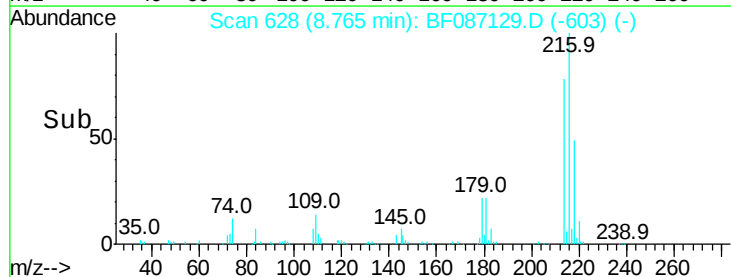
Delta R.T. -0.01 min

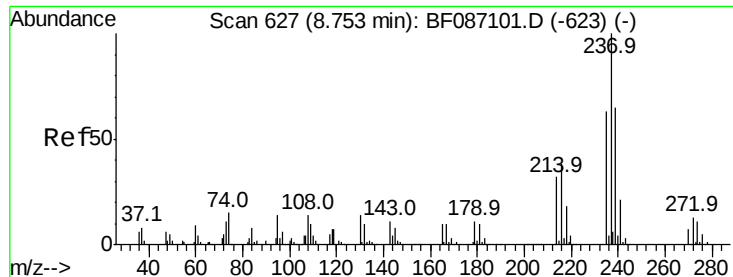
Lab File: BF087129.D

Acq: 18 May 2016 4:15



Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	62.6	93.8	
179	23.2	18.2	27.4	
108	23.2	17.5	26.3	





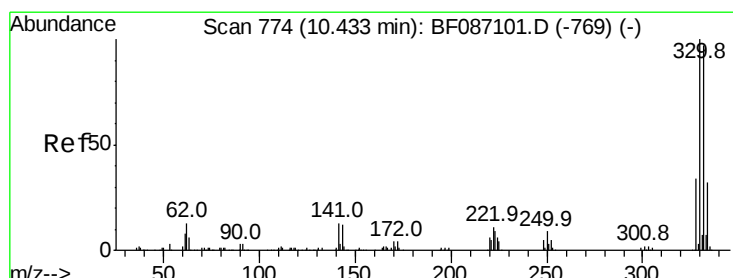
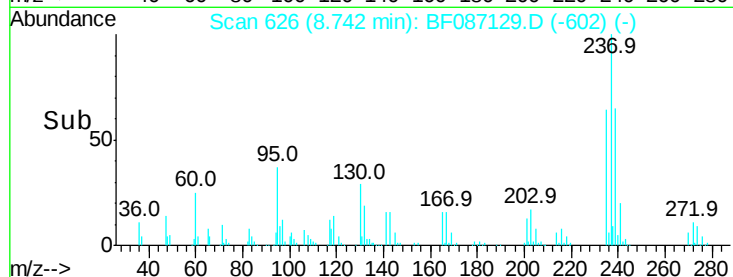
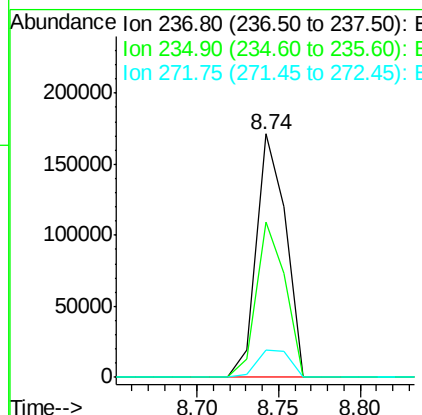
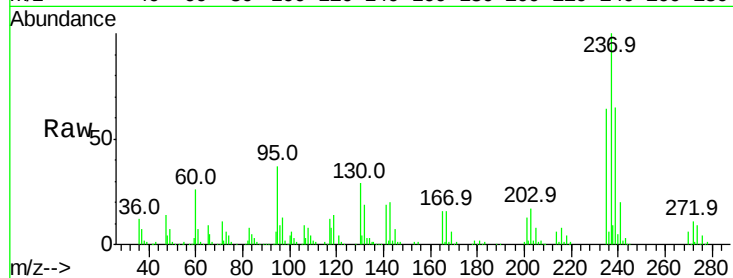
#40
Hexachlorocyclopentadiene
Concen: 70.67 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	47.2	87.2
272	11.1	0.0	31.1

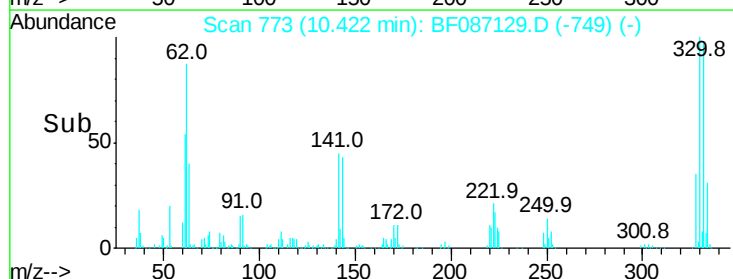
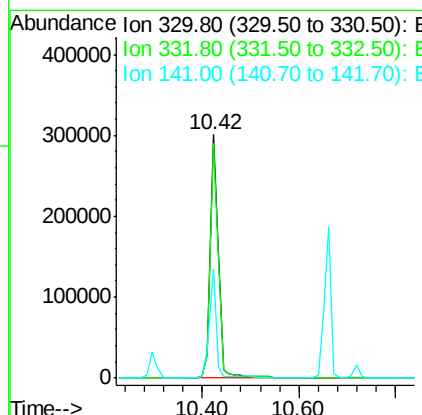
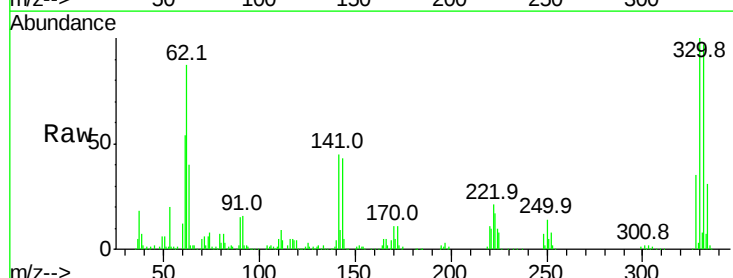
Manual Integrations
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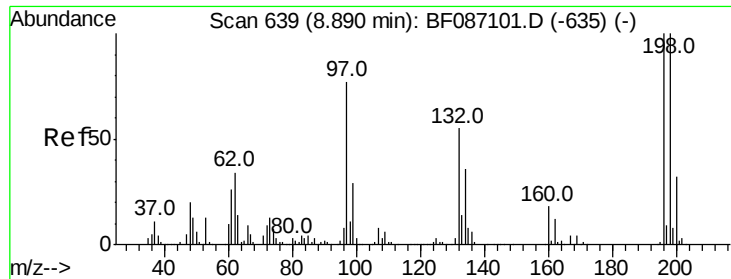
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#41
2,4,6-Tribromophenol
Concen: 118.77 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	79.0	118.4
141	36.9	31.2	46.8





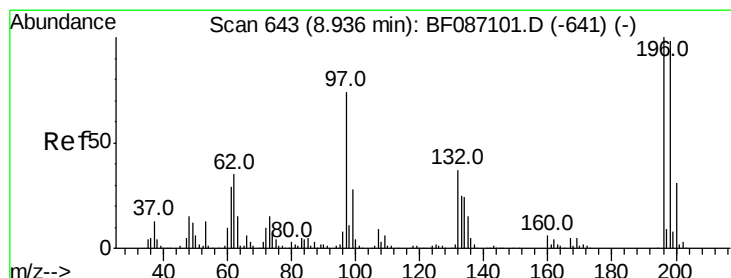
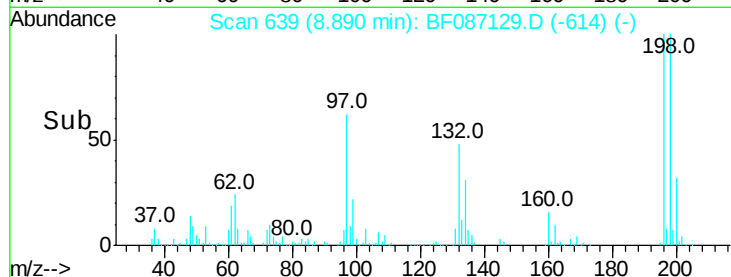
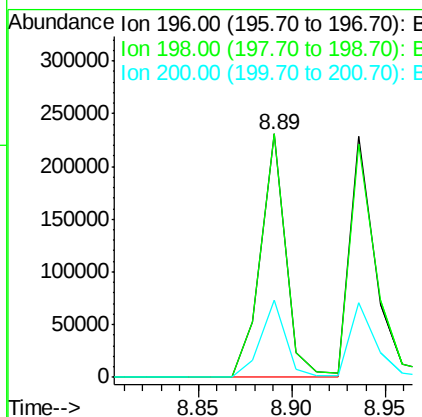
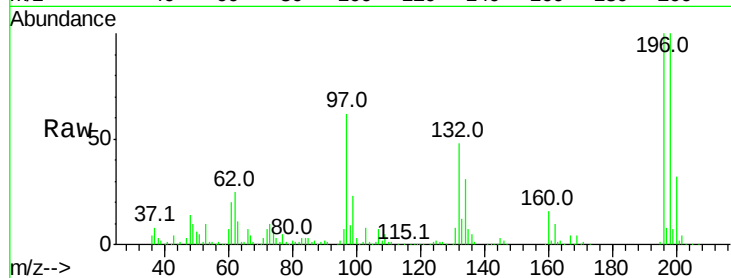
#42
 2,4,6-Trichlorophenol
 Concen: 42.27 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF087129.D
 Acq: 18 May 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-12KMSD

Tot Ion:	196	Resp:	217921
Ion Ratio	Lower	Upper	
196	100		
198	99.9	74.7	112.1
200	31.7	23.8	35.6

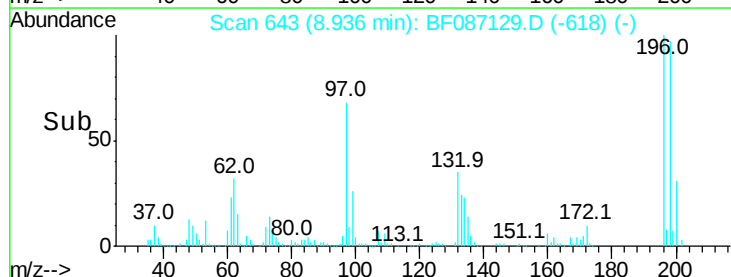
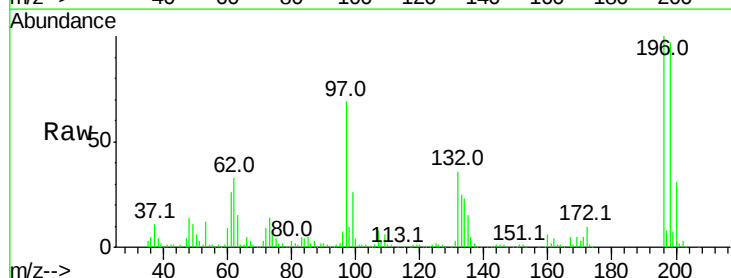
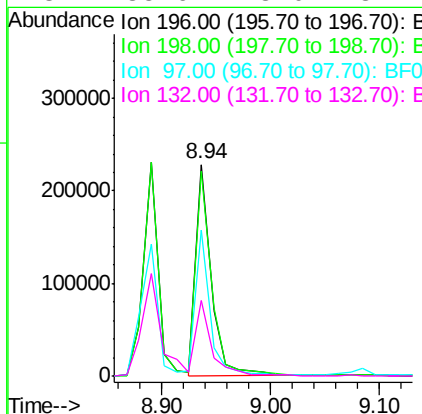
Manual Integrations
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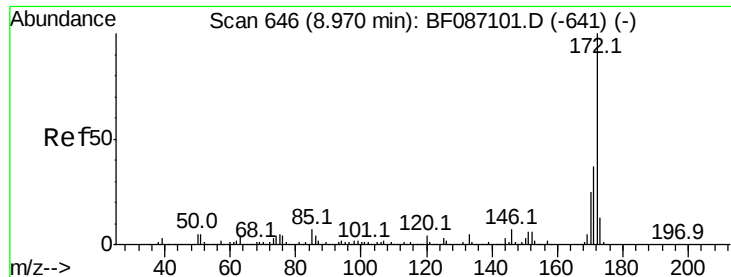
sohil
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#43
 2,4,5-Trichlorophenol
 Concen: 41.93 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF087129.D
 Acq: 18 May 2016 4:15

Tgt Ion:	196	Resp:	224550
Ion Ratio	Lower	Upper	
196	100		
198	97.1	77.5	116.3
97	69.2	34.8	52.2#
132	35.6	23.0	34.4#





#44

2-Fluorobiphenyl

Concen: 89.88 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

Tot Ion:172 Resp: 1477075

Ion Ratio Lower Upper

172 100

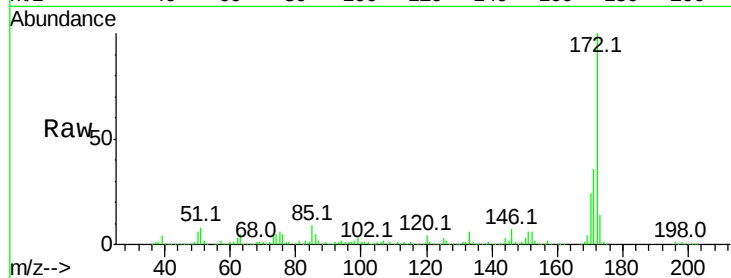
171 36.0 29.0 43.6

170 24.4 19.8 29.8

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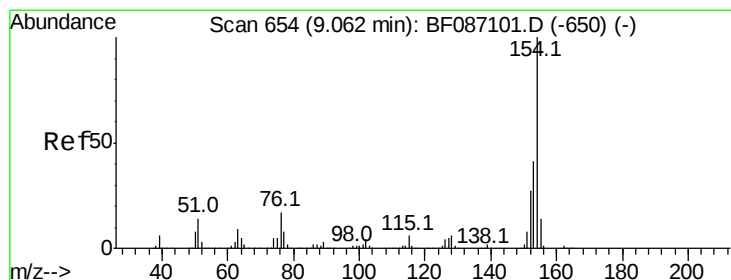
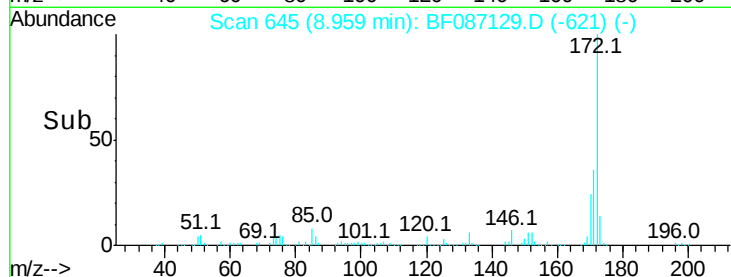
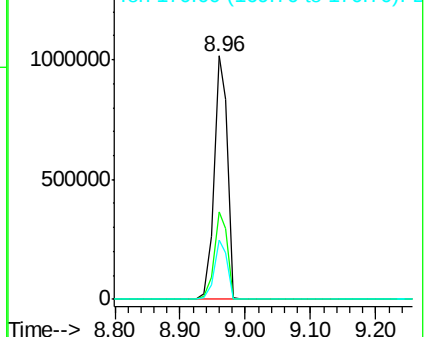
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 40.92 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

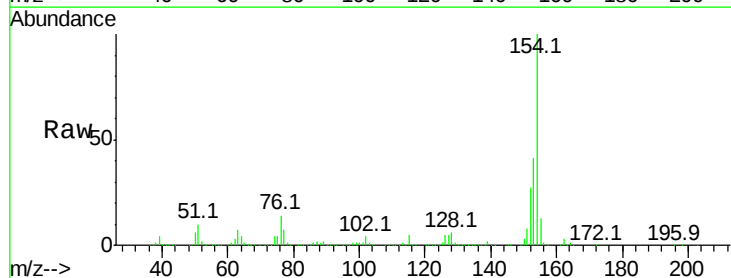
Tgt Ion:154 Resp: 923533

Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

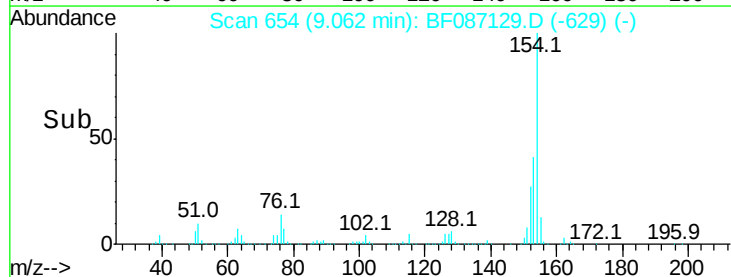
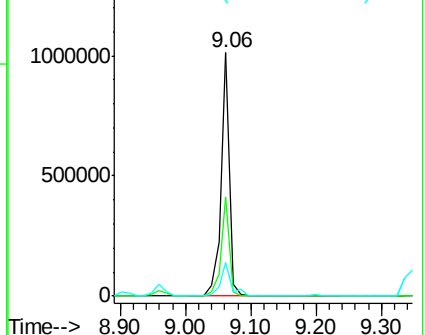
76 13.7 0.0 30.2

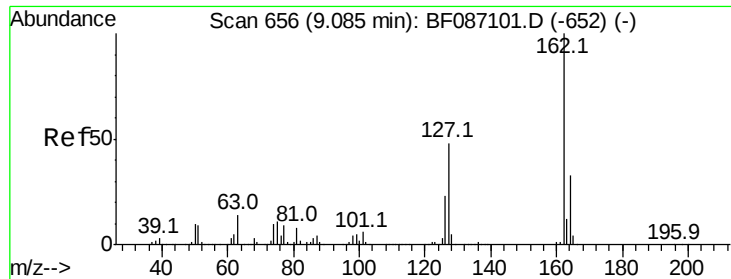


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 41.39 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

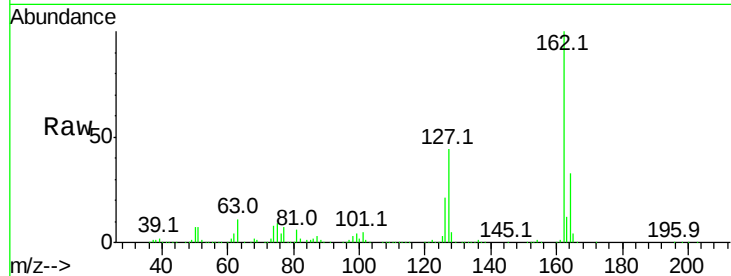
ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

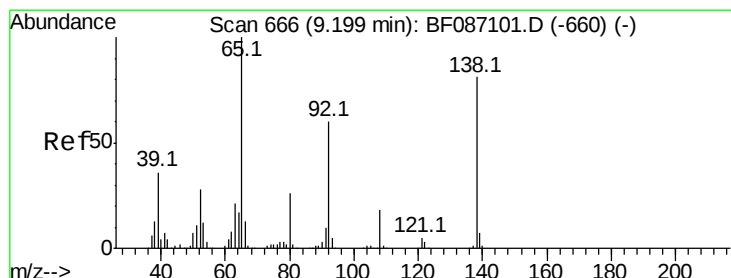
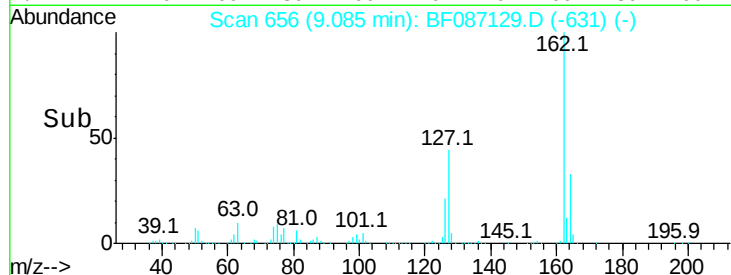
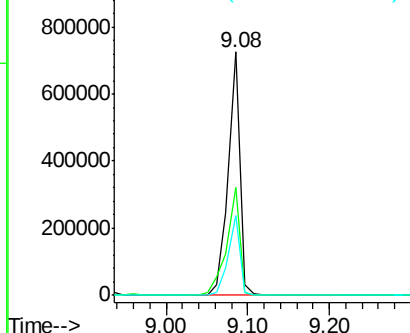
Tot Ion:	162	Resp:	717120
Ion Ratio	Lower	Upper	
162	100		
127	44.2	31.8	47.6
164	32.9	27.0	40.6

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



#47

2-Nitroaniline

Concen: 43.65 ng

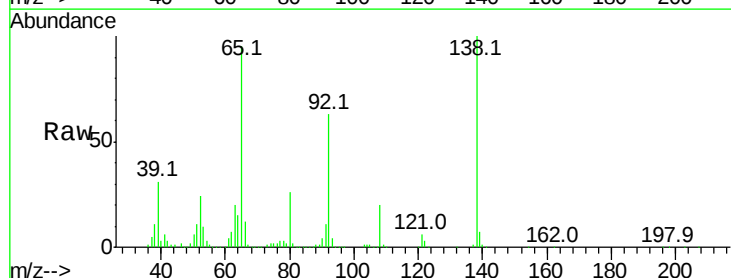
RT: 9.20 min Scan# 666

Delta R.T. -0.01 min

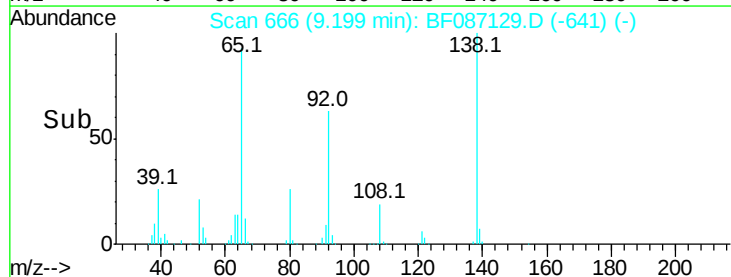
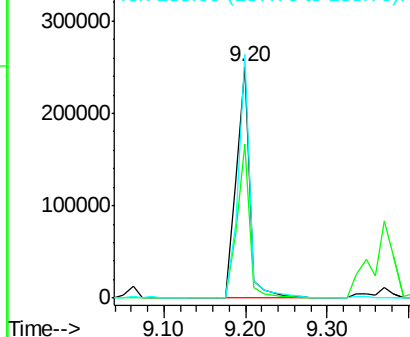
Lab File: BF087129.D

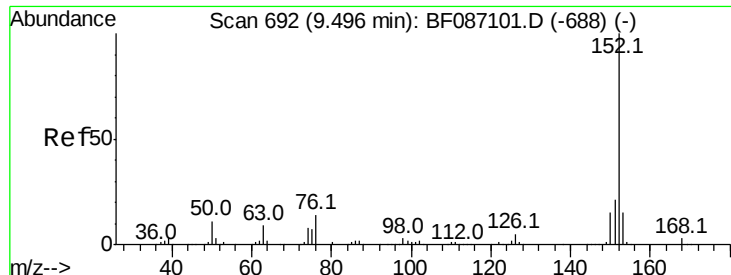
Acq: 18 May 2016 4:15

Tgt Ion:	65	Resp:	289778
Ion Ratio	Lower	Upper	
65	100		
92	66.6	57.4	86.2
138	105.5	90.1	135.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 41.07 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

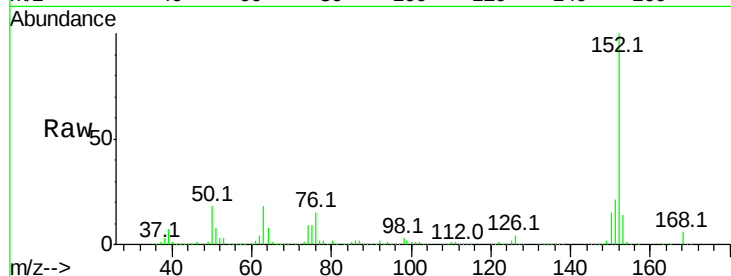
ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

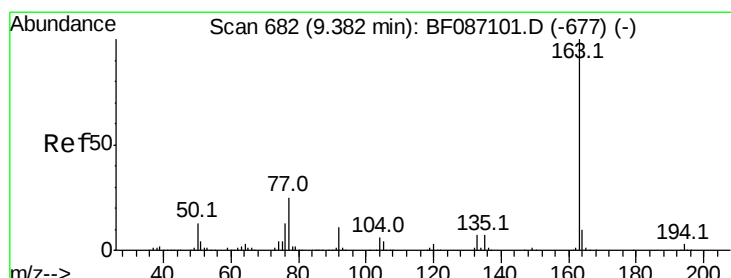
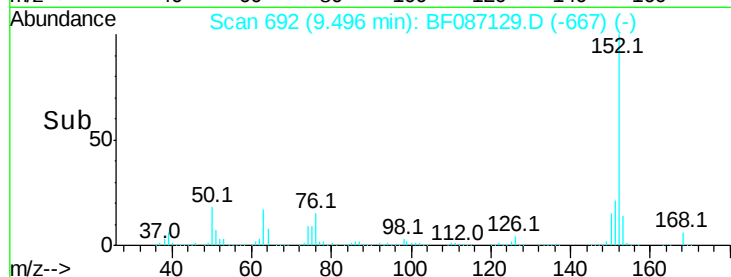
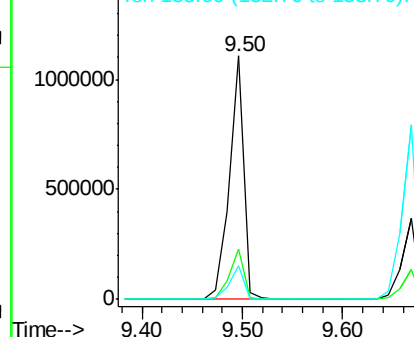
Tot Ion:	152	Resp:	1086453
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.9	10.9	16.3

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 50.53 ng

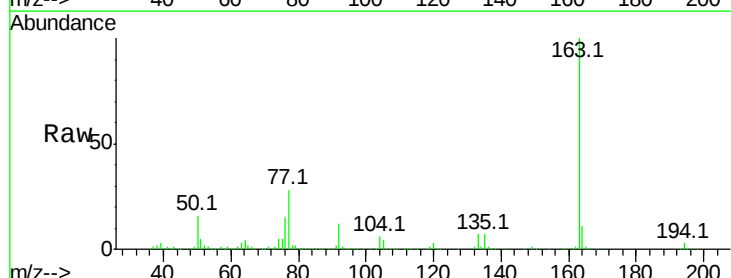
RT: 9.37 min Scan# 681

Delta R.T. -0.02 min

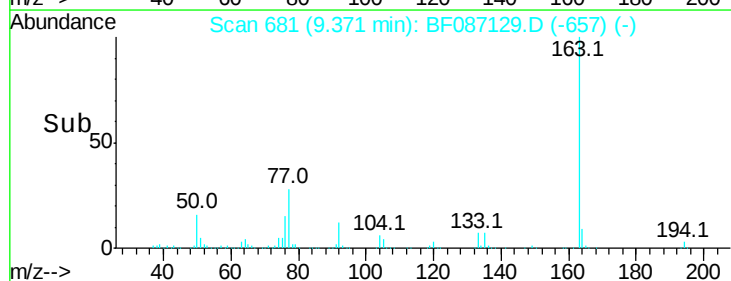
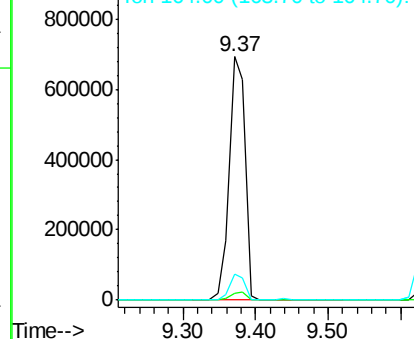
Lab File: BF087129.D

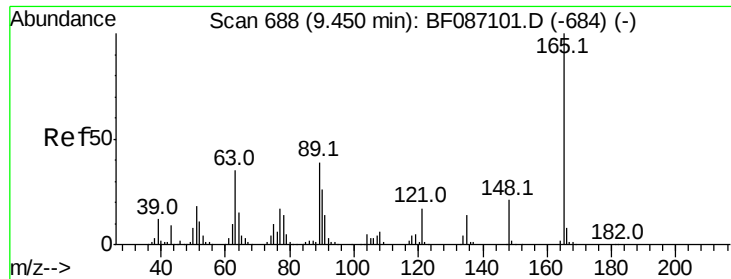
Acq: 18 May 2016 4:15

Tgt Ion:	163	Resp:	1049008
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.6	4.0
164	10.5	8.2	12.4



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





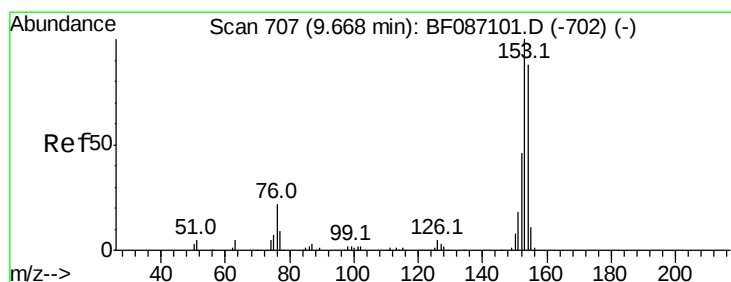
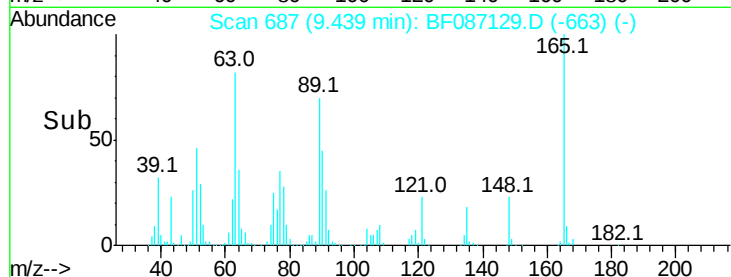
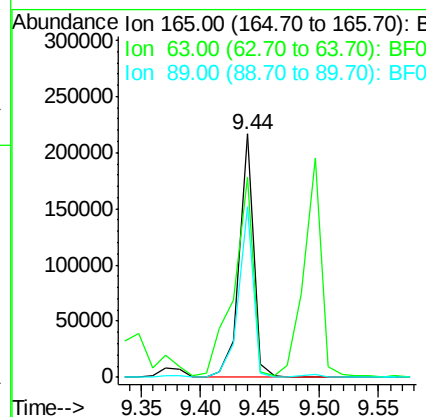
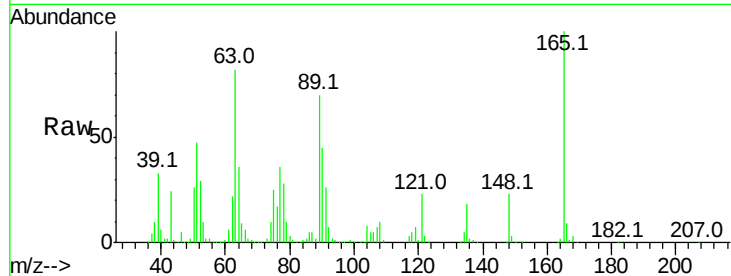
#50
 2,6-Dinitrotoluene
 Concen: 40.87 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF087129.D
 Acq: 18 May 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	184254		
63	82.0	51.8	77.8#	
89	69.9	50.7	76.1	

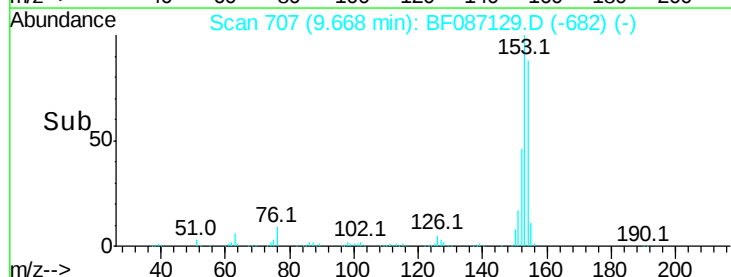
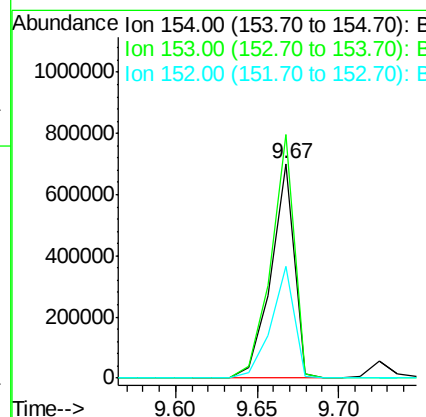
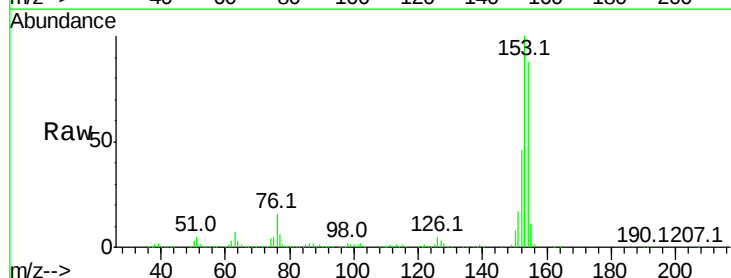
Manual Integrations
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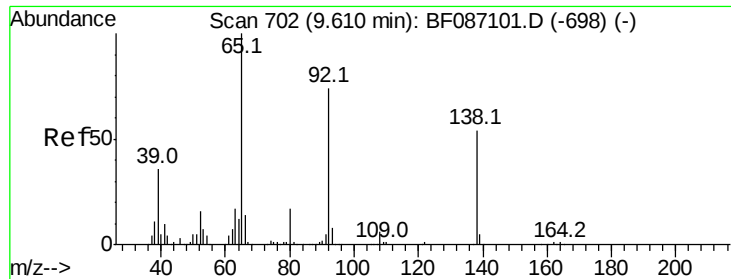
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#51
 Acenaphthene
 Concen: 42.44 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF087129.D
 Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	701435		
153	113.7	89.8	134.6	
152	52.4	43.4	65.0	





#52

3-Nitroaniline

Concen: 20.90 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

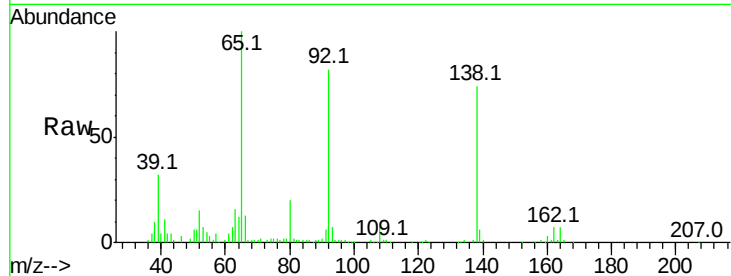
ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

Tot Ion:	138	Resp:	102008
Ion Ratio	Lower	Upper	
138	100		
108	10.7	7.8	11.6
92	110.3	87.8	131.8

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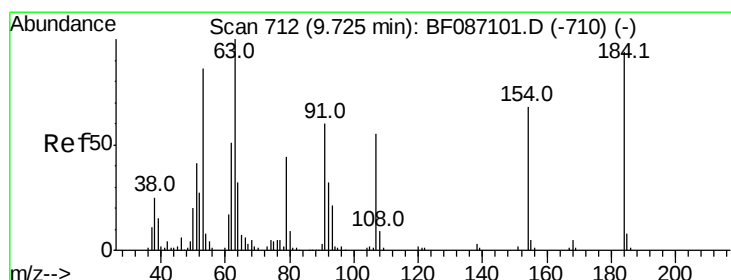
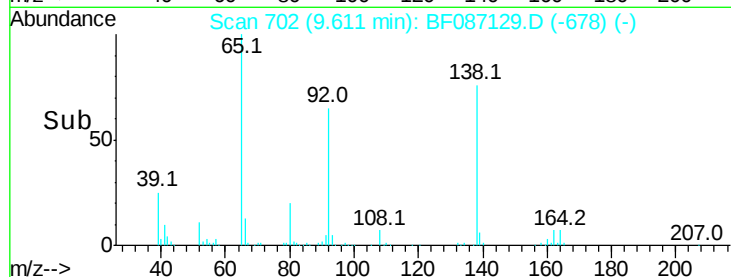
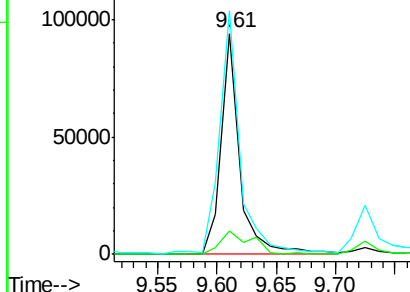
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 44.15 ng

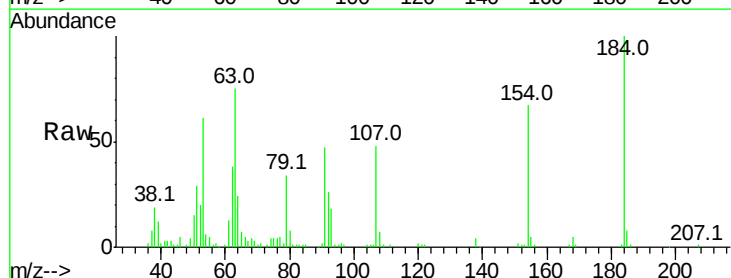
RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

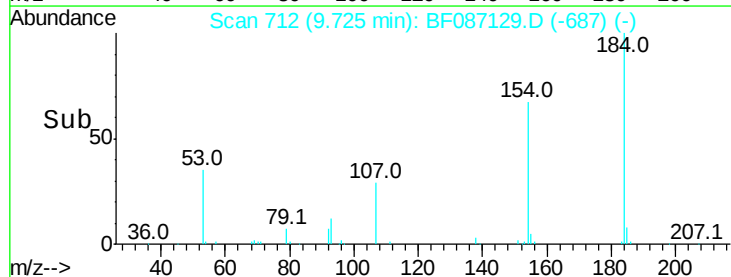
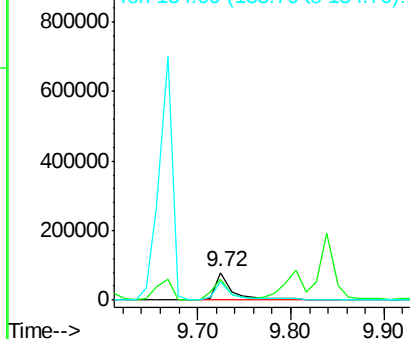
Tgt Ion:	184	Resp:	108198
Ion Ratio	Lower	Upper	
184	100		
63	75.0	55.8	83.8
154	67.3	62.4	93.6

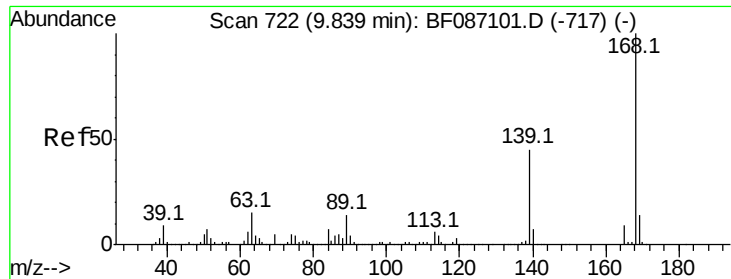


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





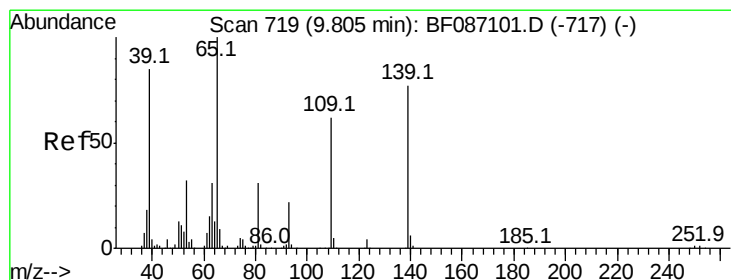
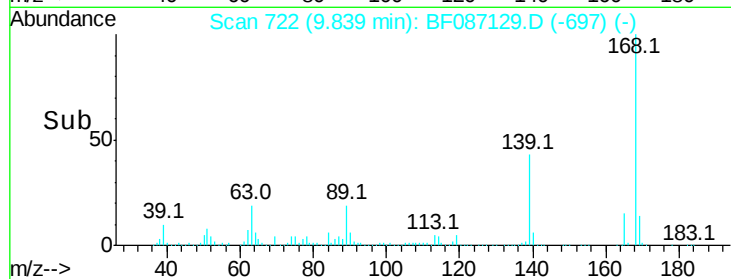
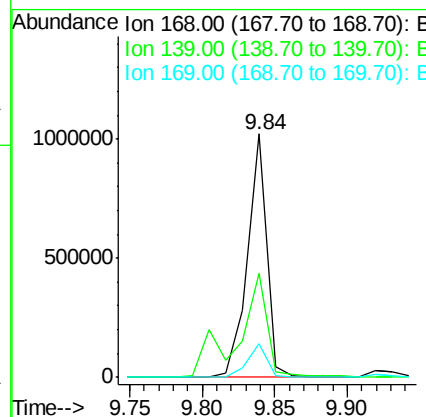
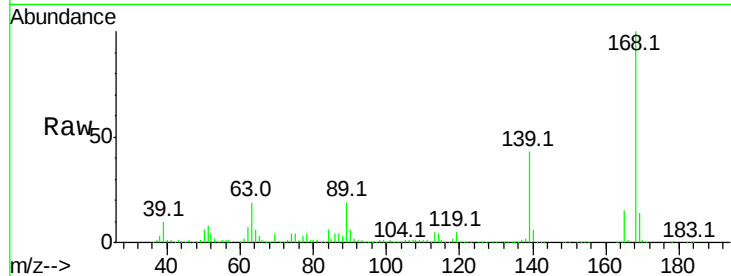
#54
Dibenzenofuran
Concen: 44.11 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.7	31.4	47.0	
169	13.8	10.7	16.1	

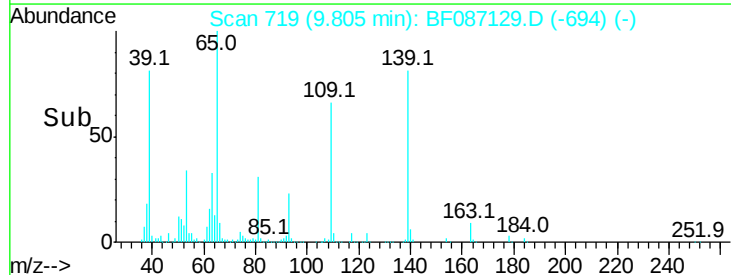
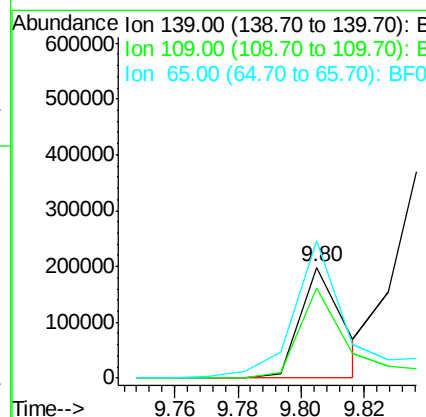
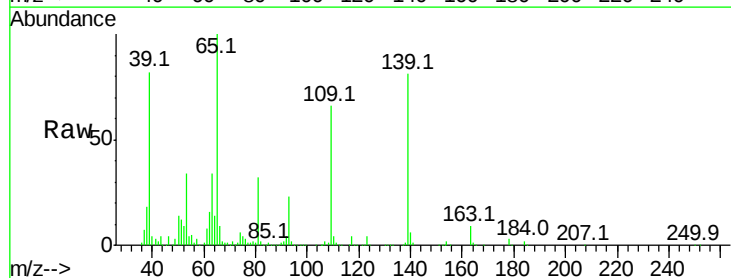
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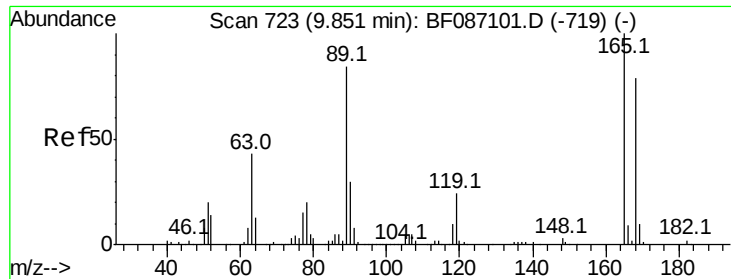
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#55
4-Nitrophenol
Concen: 62.17 ng m
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	81.2	36.9	76.9#	
65	123.7	64.0	104.0#	





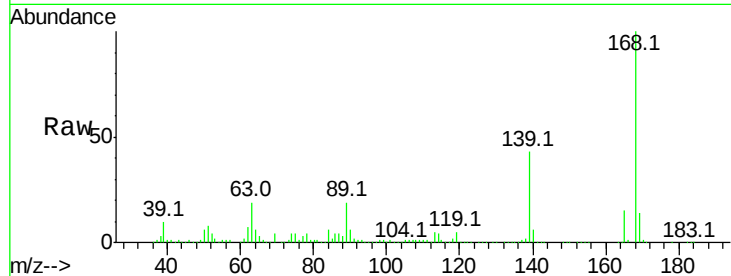
#56
2,4-Dinitrotoluene
Concen: 37.82 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	123.2	44.3	66.5#	
89	126.8	70.0	105.0#	
182	2.2	1.8	2.6	

Manual Integrations
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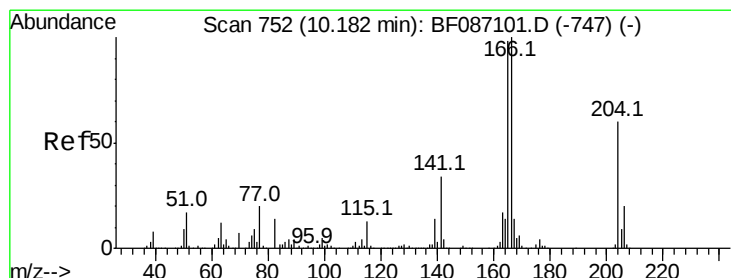
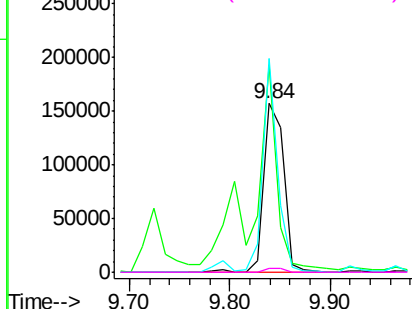
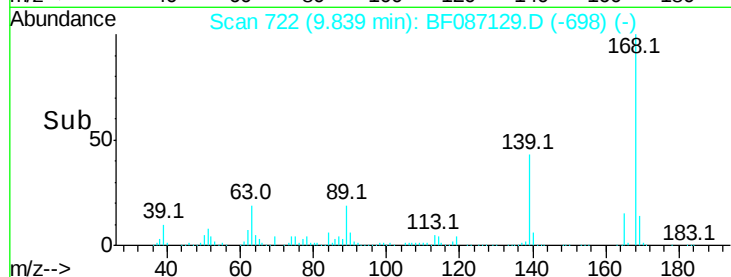


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

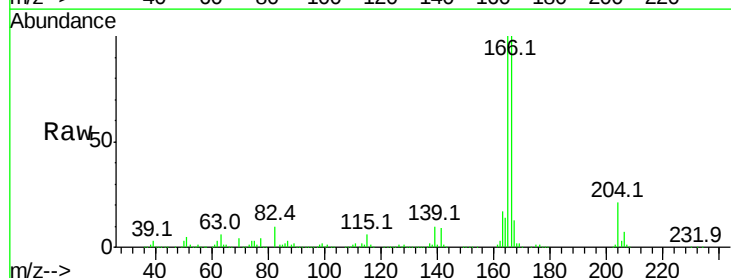
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 44.37 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

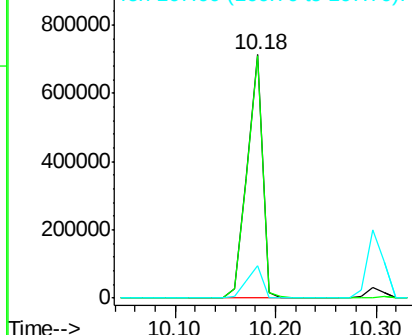
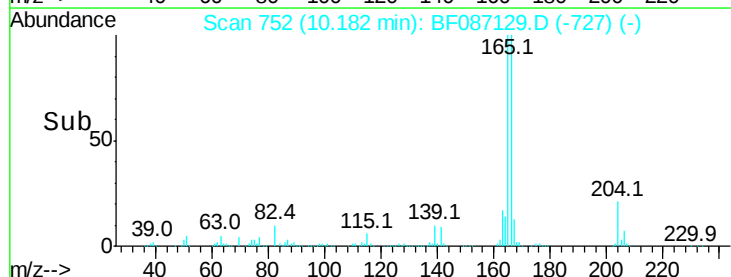
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.7	79.0	118.6	
167	13.1	10.6	15.8	

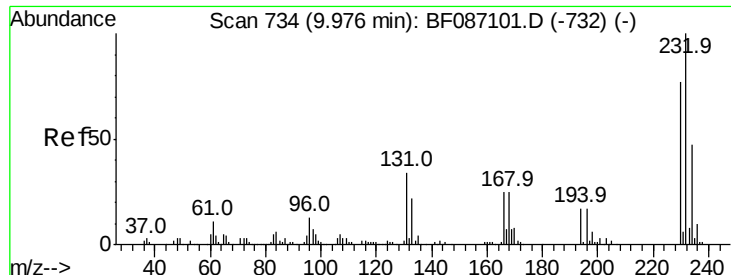


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





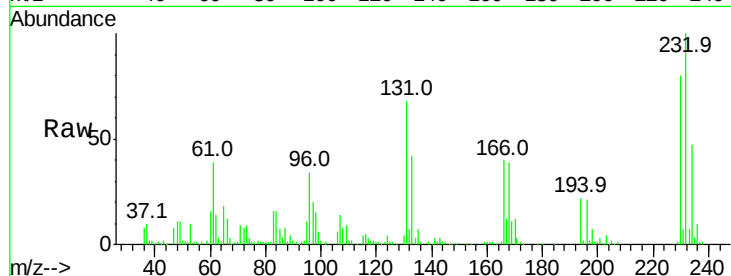
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.99 ng
 RT: 9.96 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF087129.D
 Acq: 18 May 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-12KMSD

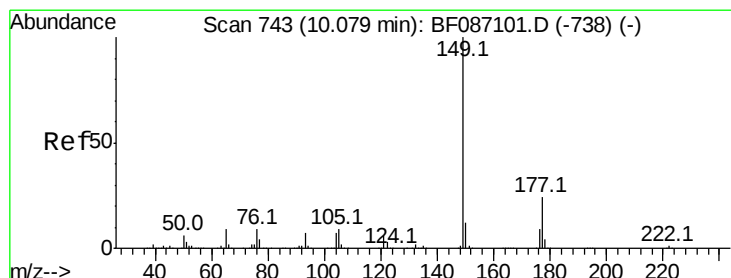
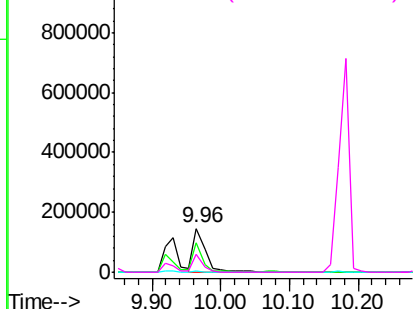
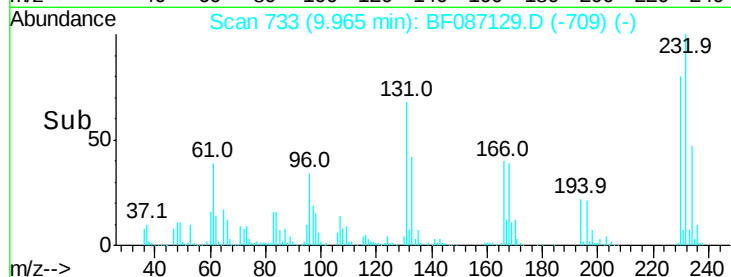
Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	56.1	41.9	62.9
130	2.8	2.2	3.4
166	31.6	26.8	40.2

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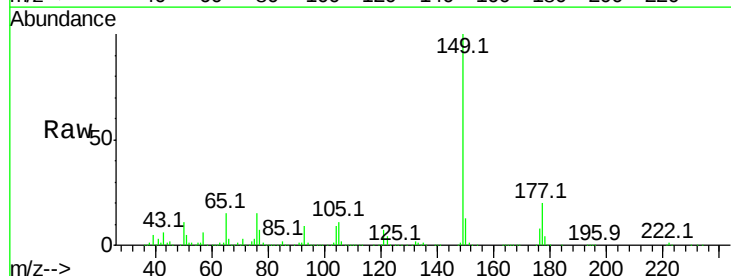


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

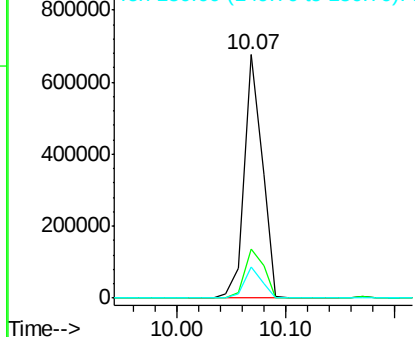
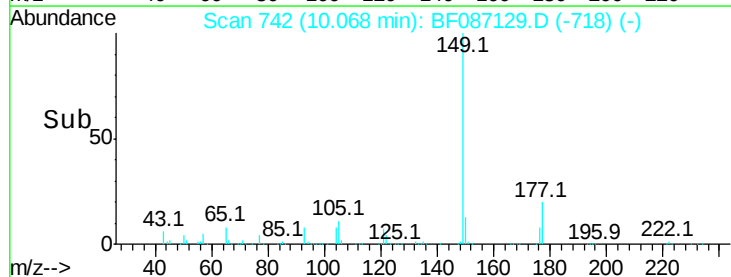


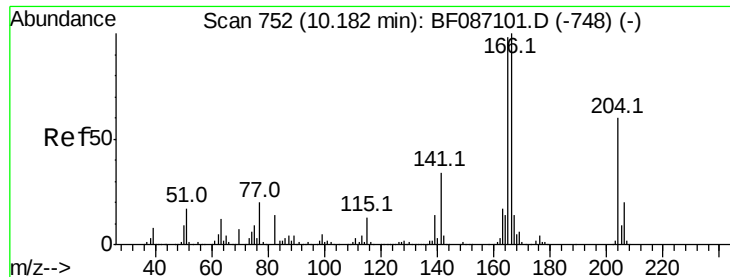
#59
 Diethylphthalate
 Concen: 38.80 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF087129.D
 Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	20.3	16.6	24.8
150	13.0	10.0	15.0



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





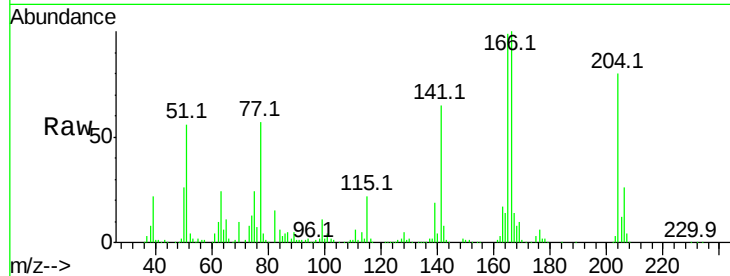
#60
4-Chlorophenyl-phenylether
Concen: 38.17 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

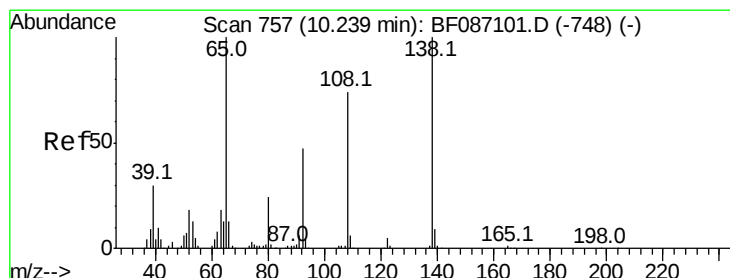
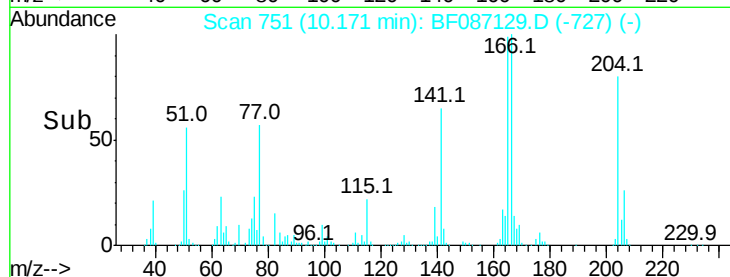
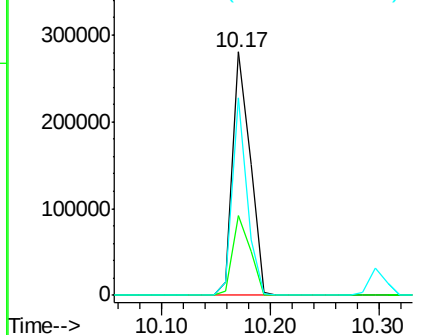
Tot Ion	Ratio	Resp	Lower	Upper
204	100	310711		
206	32.6	25.4	38.0	
141	81.2	61.6	92.4	

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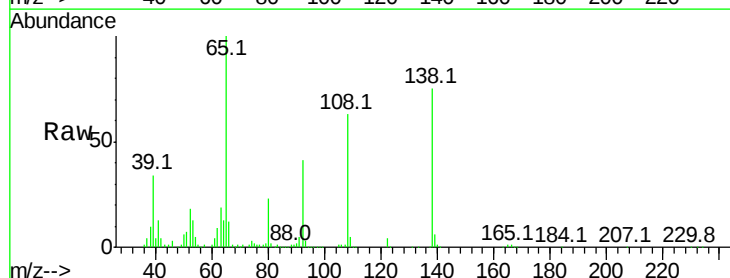


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

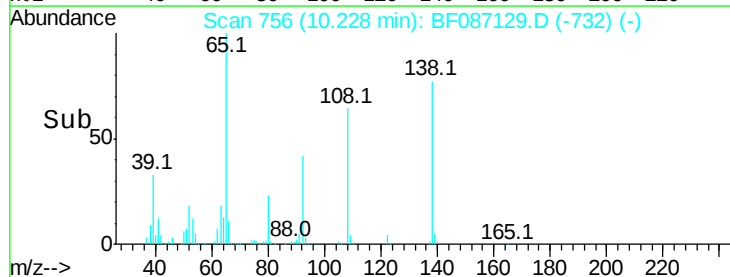
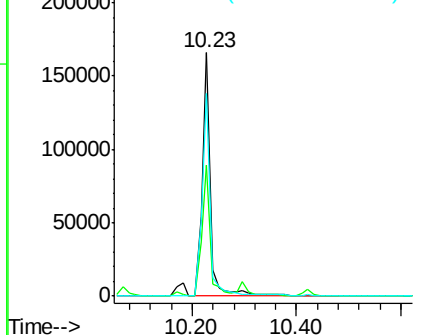


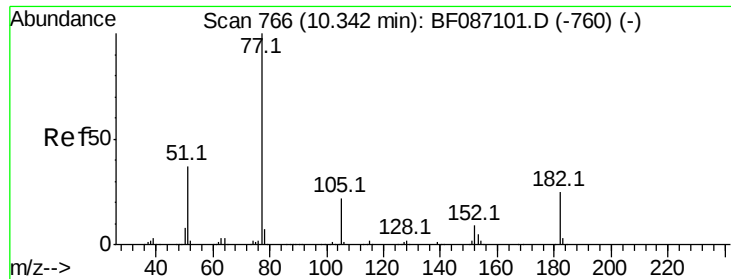
#61
4-Nitroaniline
Concen: 37.73 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	181806		
92	54.0	24.7	64.7	
108	83.3	37.4	77.4#	



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





#62

Azobenzene

Concen: 39.45 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF087129.D

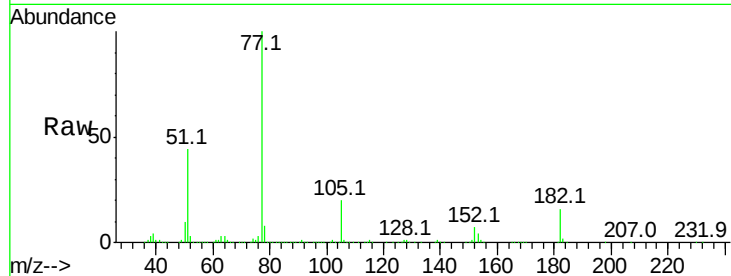
Acq: 18 May 2016 4:15

Instrument :

BNA_F

ClientSampleId :

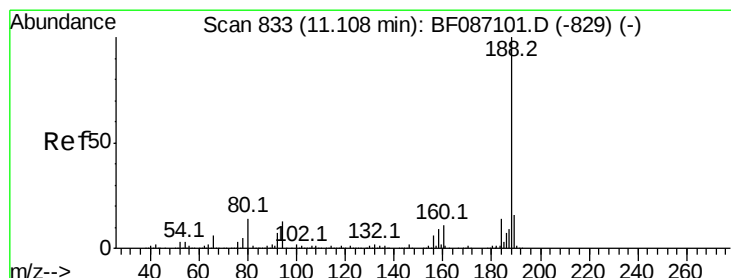
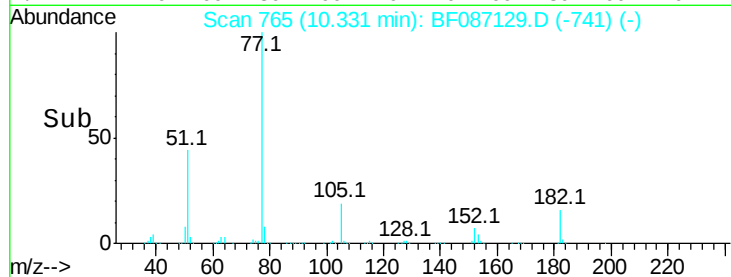
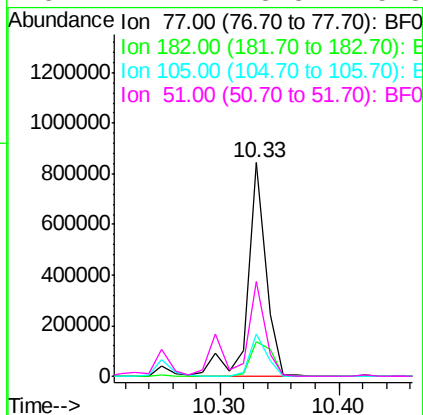
VITALE-FILL-CSPH3-12KMSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	16.3	0.0	38.8		
105	19.7	3.2	43.2		
51	44.4	8.8	48.8		

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#63

Phenanthrene-d10

Concen: 20.00 ng

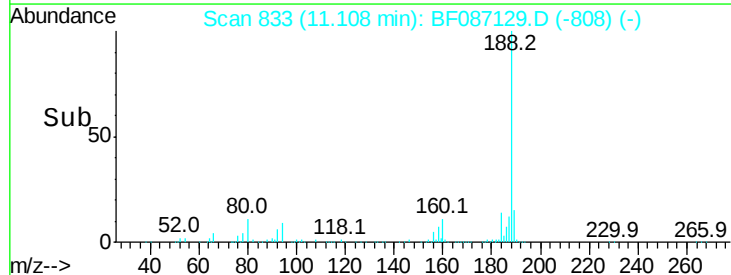
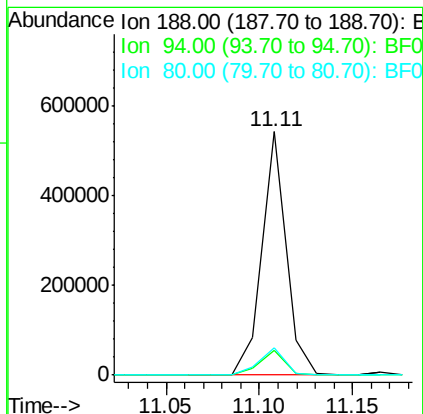
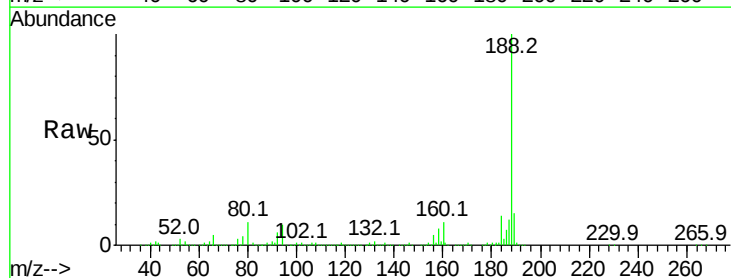
RT: 11.11 min Scan# 833

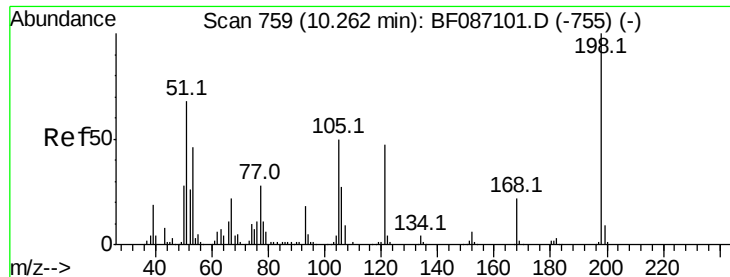
Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.1	6.8	10.2		
80	11.0	7.1	10.7#		





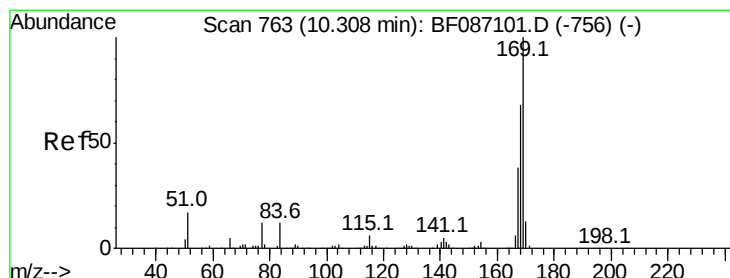
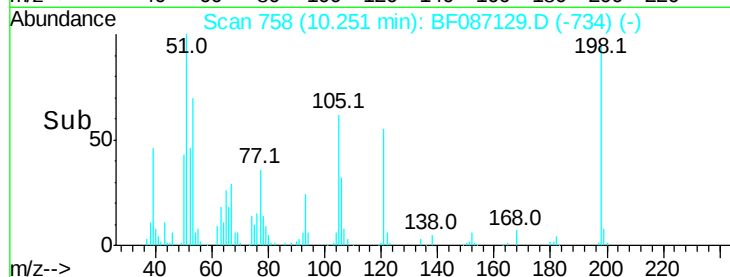
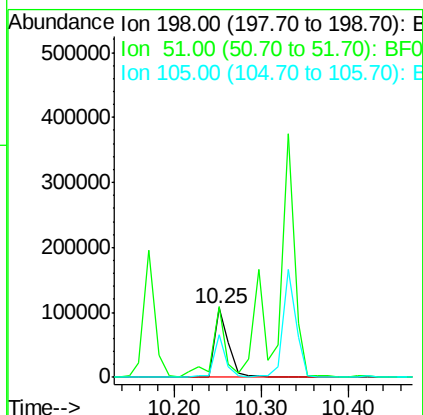
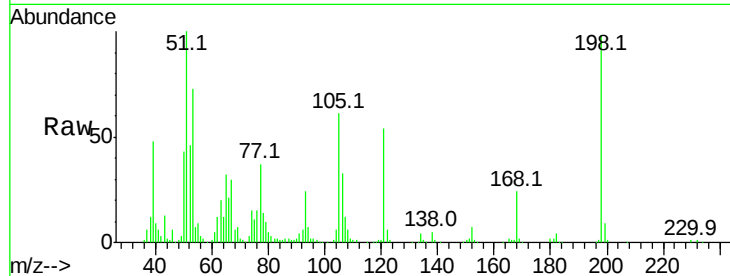
#64
4,6-Dinitro-2-methylphenol
Concen: 38.44 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	123284		
51	102.2	20.5	60.5#	
105	62.3	24.5	64.5	

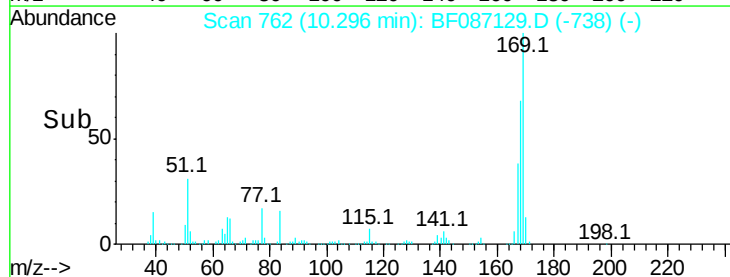
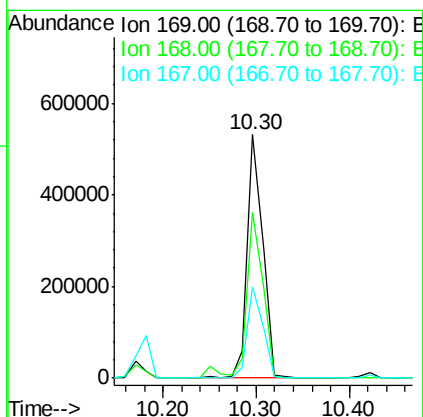
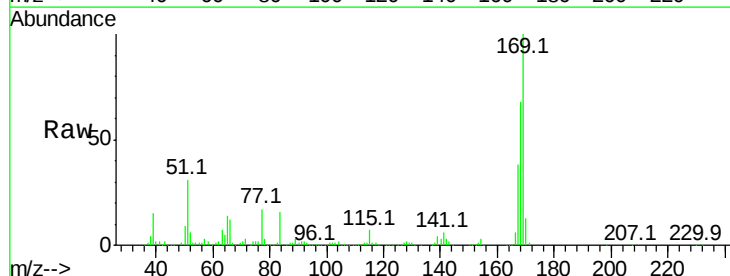
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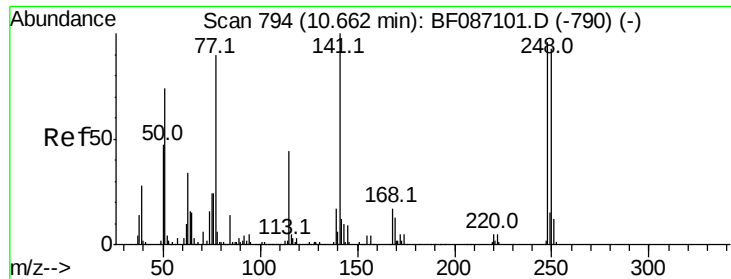
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#65
n-Nitrosodiphenylamine
Concen: 39.93 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	611861		
168	68.1	53.8	80.6	
167	37.6	29.5	44.3	





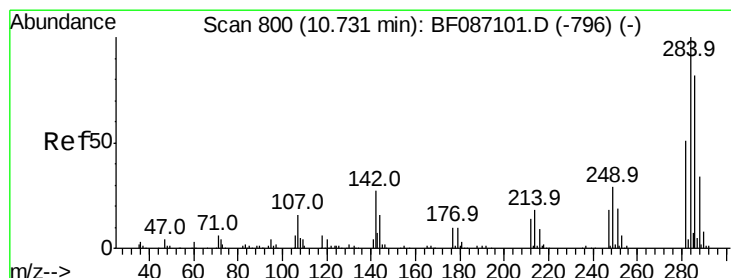
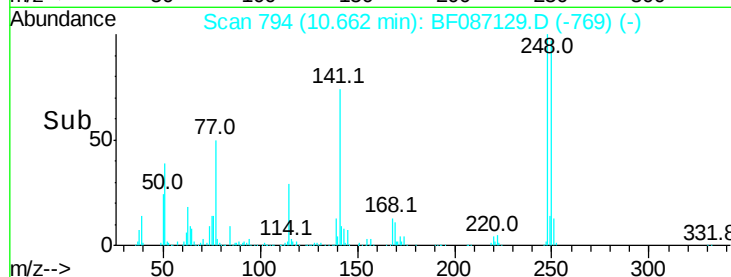
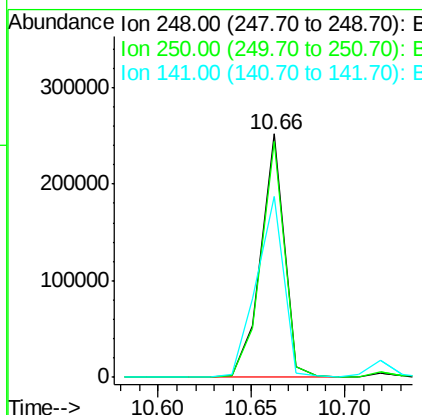
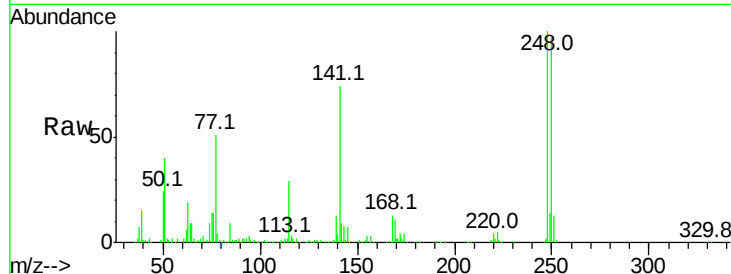
#66
4-Bromophenyl-phenylether
Concen: 43.71 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.6	117.8
141	74.4	76.0	114.0#

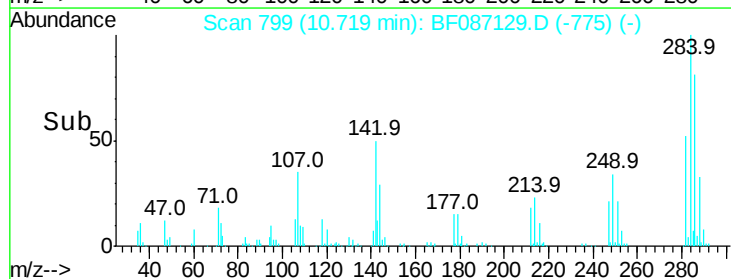
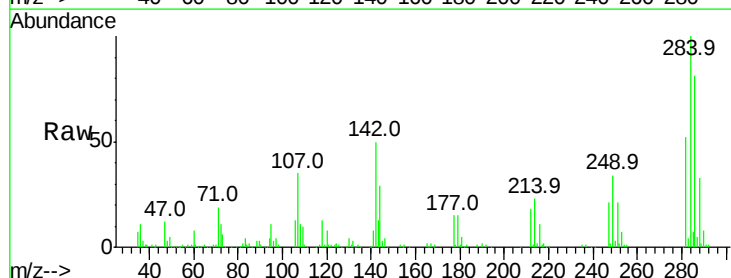
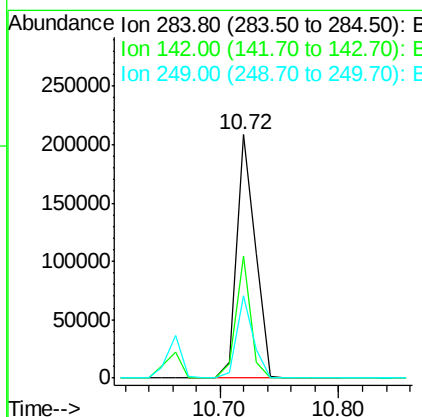
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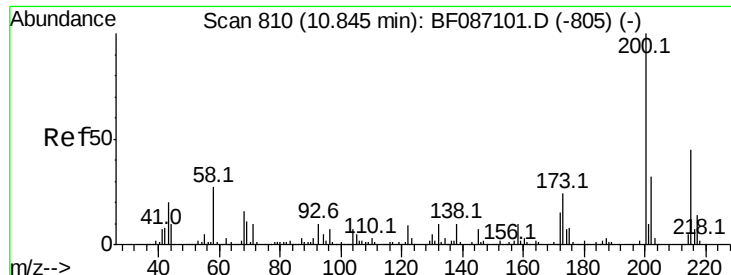
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#67
Hexachlorobenzene
Concen: 39.12 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	50.0	16.7	25.1#
249	33.7	21.3	31.9#





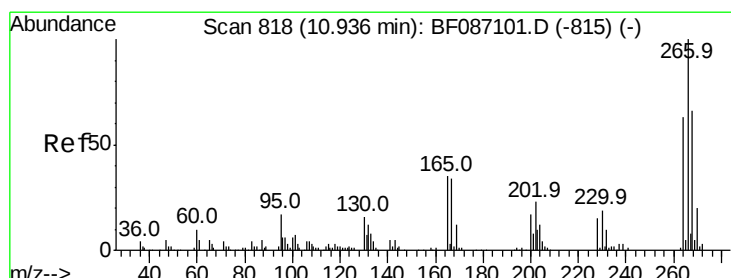
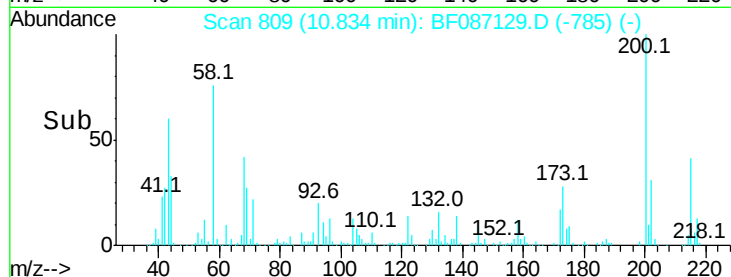
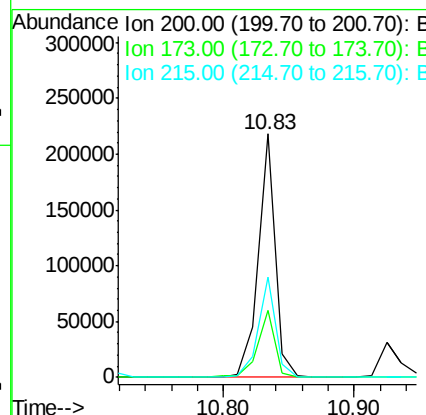
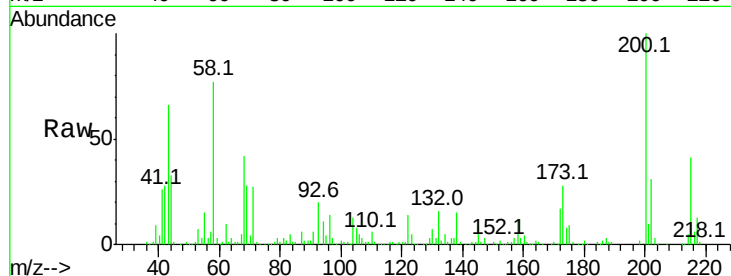
#68
Atrazine
Concen: 39.75 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.5	8.5	48.5
215	41.1	27.2	67.2

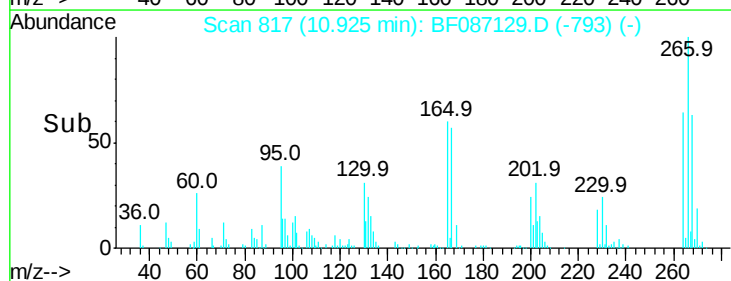
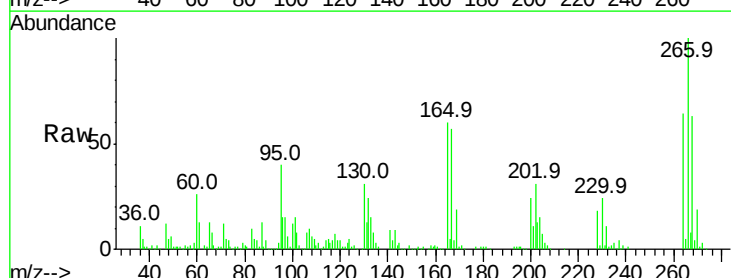
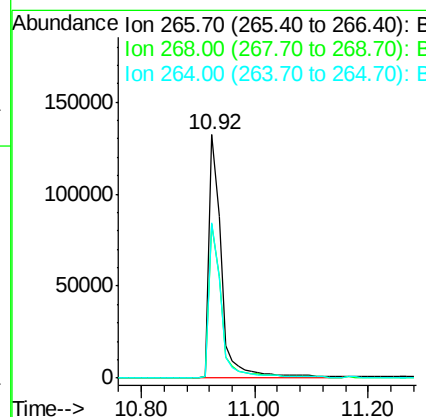
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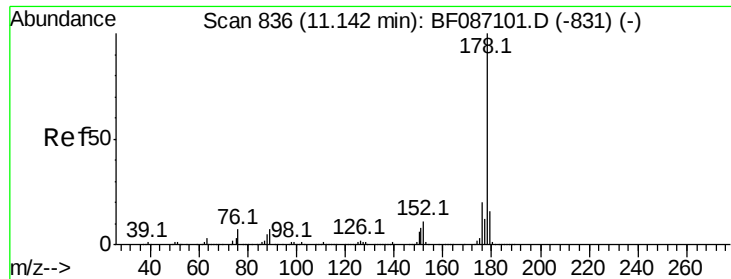
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#69
Pentachlorophenol
Concen: 89.68 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.1	51.5	77.3
264	63.6	52.9	79.3





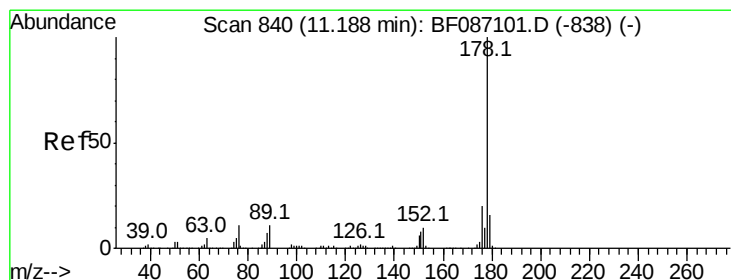
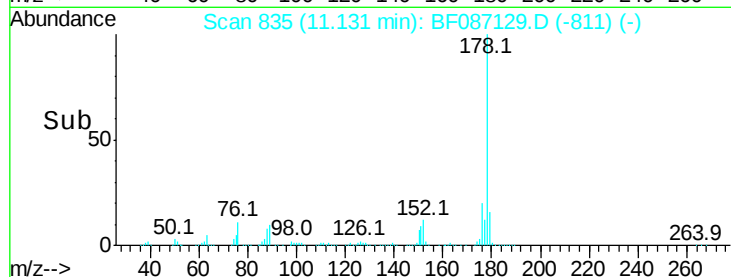
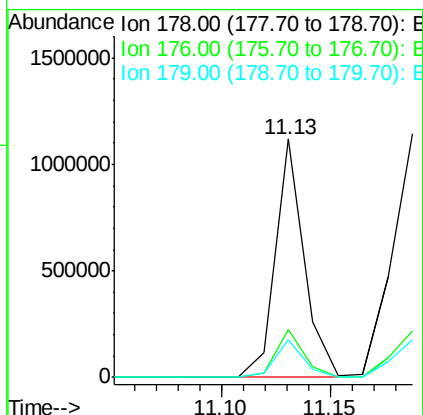
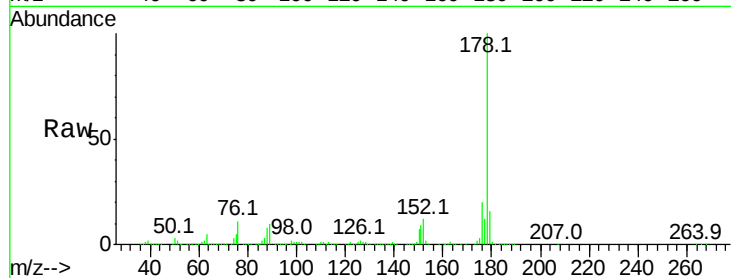
#70
Phenanthrene
Concen: 39.10 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion:178 Resp: 1032591
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.0 12.6 18.8

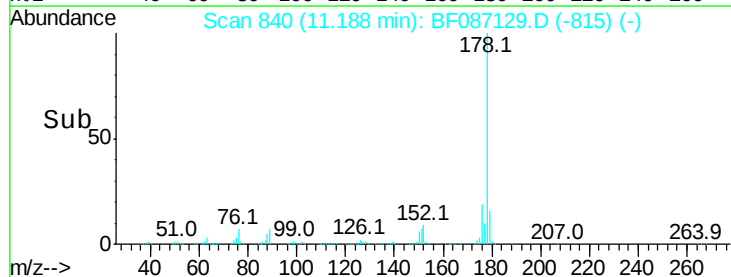
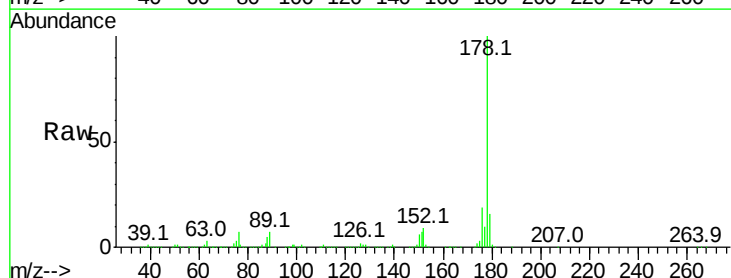
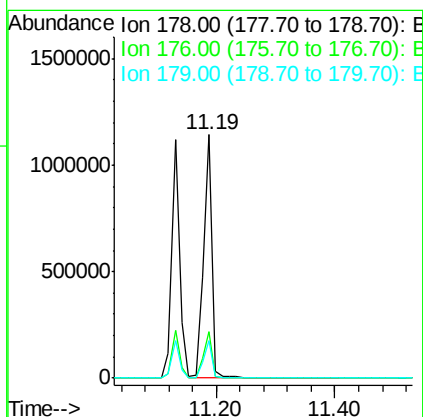
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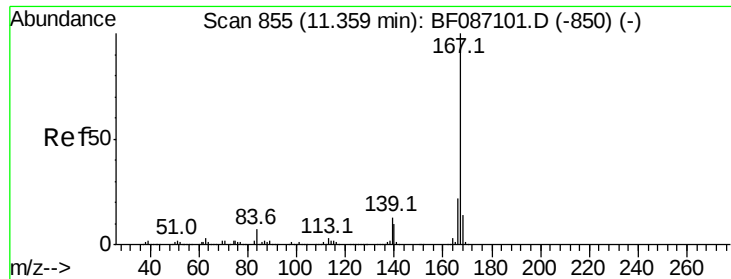
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#71
Anthracene
Concen: 43.50 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion:178 Resp: 1161969
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.6 12.7 19.1





#72

Carbazole

Concen: 38.61 ng

RT: 11.35 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

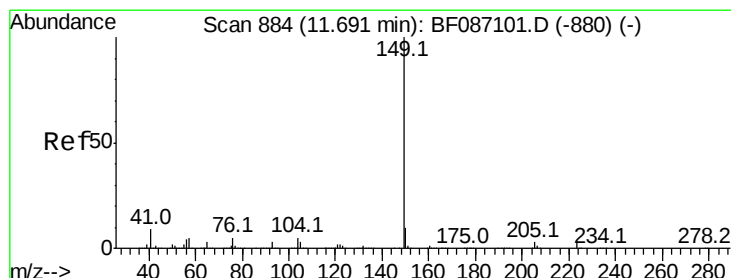
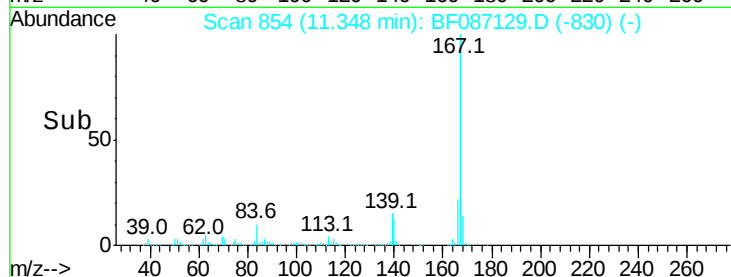
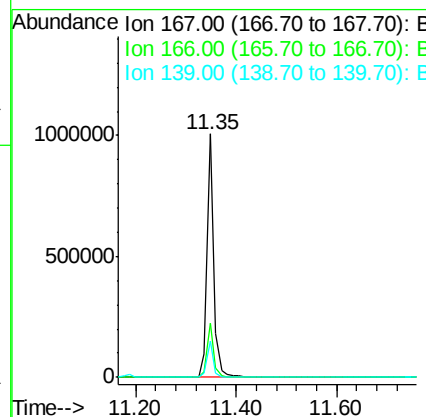
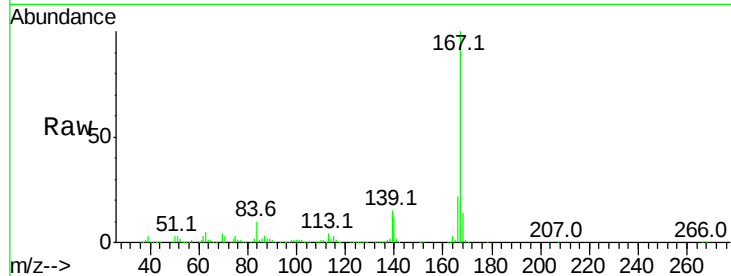
ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

Tot Ion:	167	Resp:	942170
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.7	26.5
139	15.0	10.8	16.2

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#73

Di-n-butylphthalate

Concen: 40.99 ng

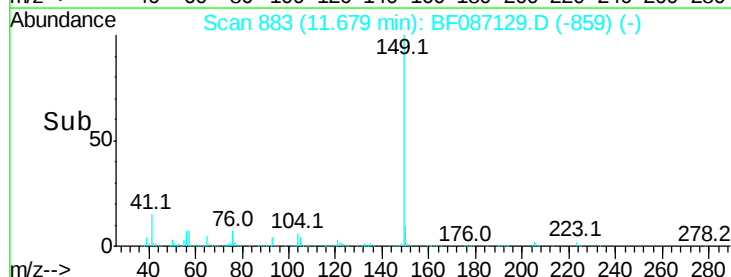
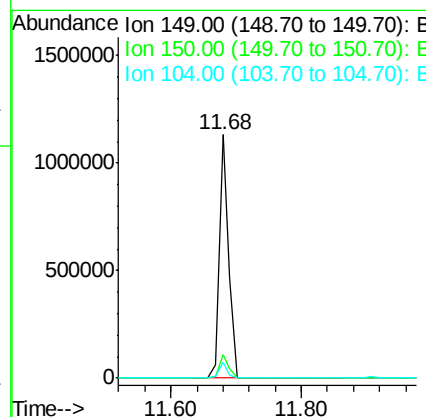
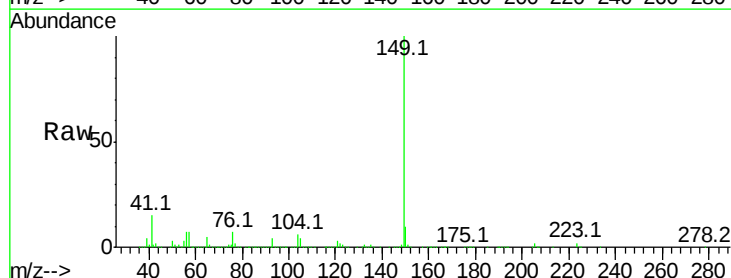
RT: 11.68 min Scan# 883

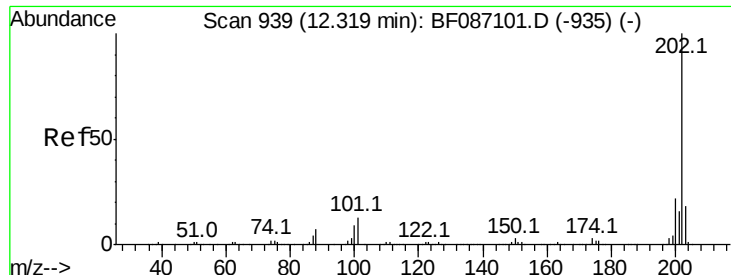
Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Tgt Ion:	149	Resp:	1148867
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.6	11.4
104	6.4	3.8	5.6#





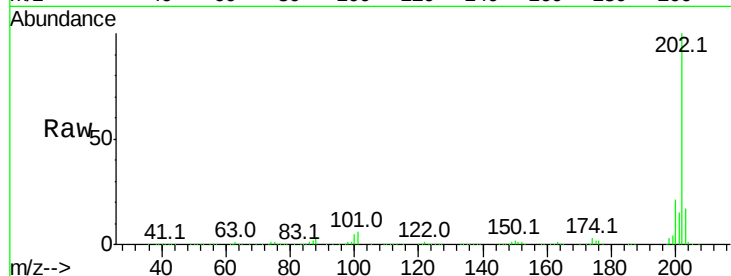
#74
Fluoranthene
 Concen: 41.98 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF087129.D
 Acq: 18 May 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-12KMSD

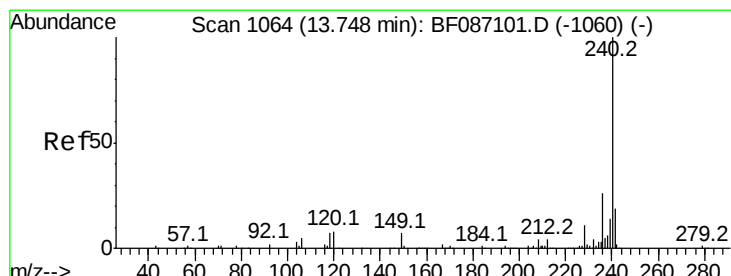
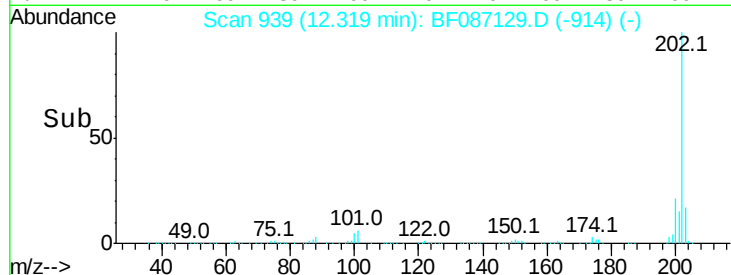
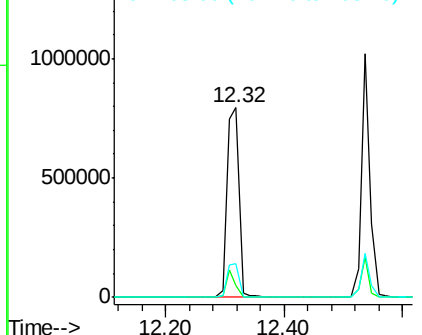
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1110932		
101	6.3	0.0	35.4	
203	17.5	0.0	38.1	

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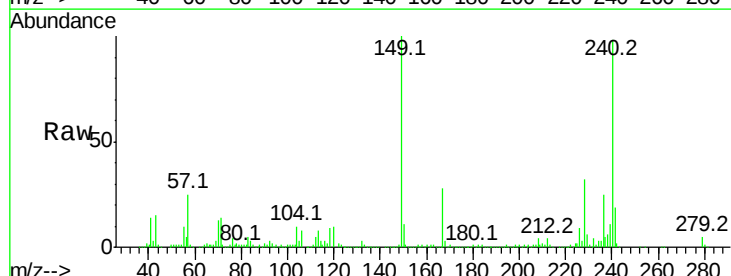


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

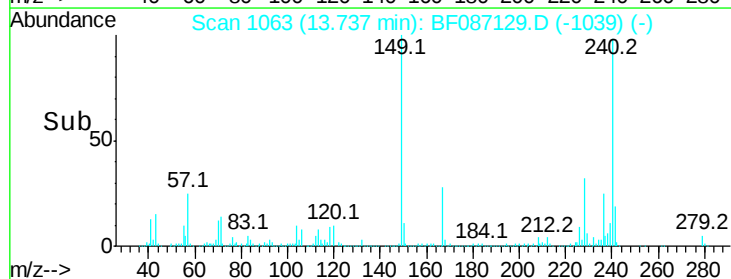
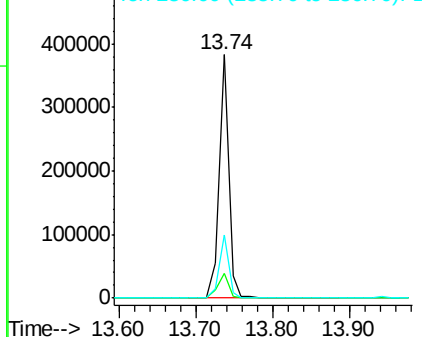


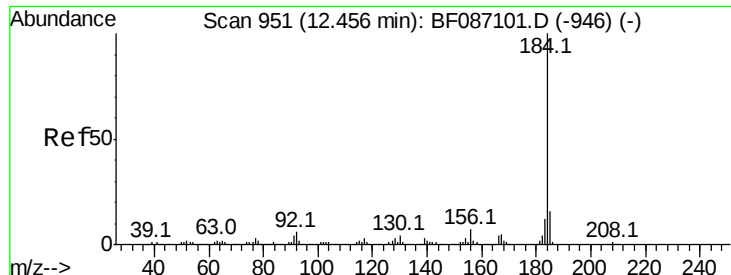
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF087129.D
 Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	331916		
120	10.2	11.2	16.8#	
236	25.9	21.2	31.8	



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





#76

Benzidine

Concen: 11.64 ng

RT: 12.45 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

Tot Ion:184 Resp: 128667

Ion Ratio Lower Upper

184 100

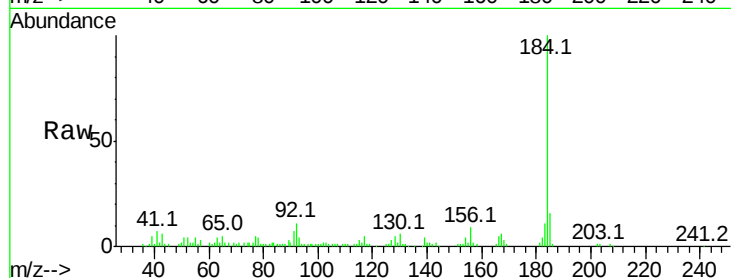
185 15.8 13.6 20.4

183 11.5 9.8 14.6

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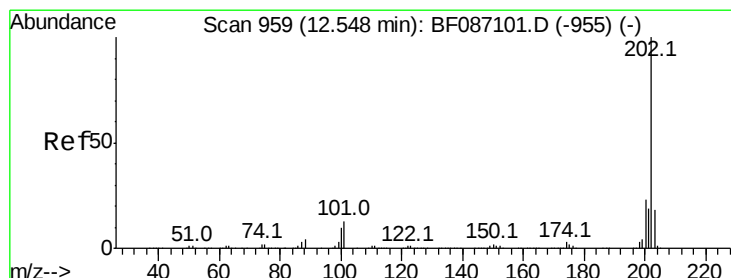
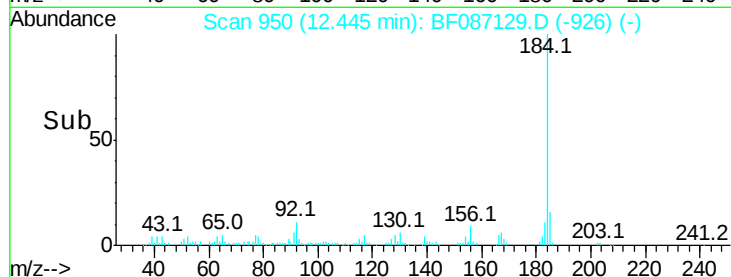
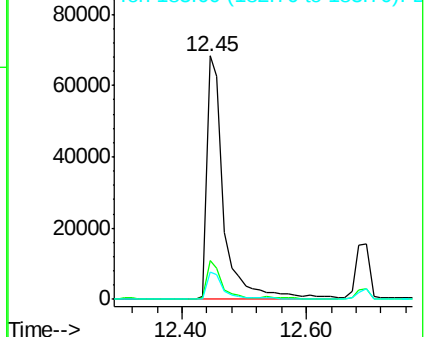
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 42.11 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

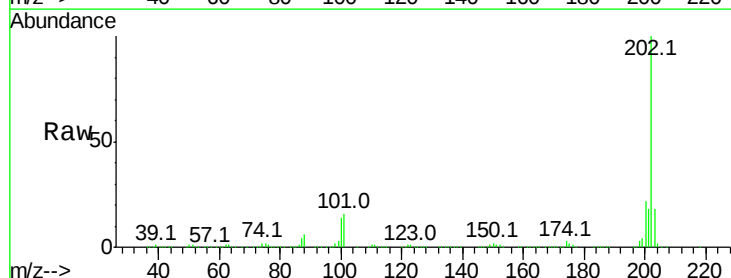
Tgt Ion:202 Resp: 1009776

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

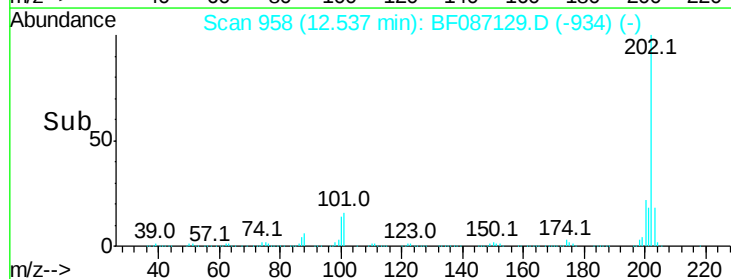
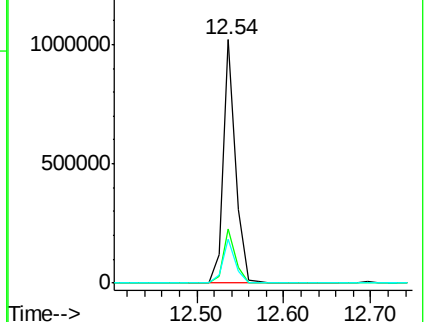
203 18.2 14.2 21.4

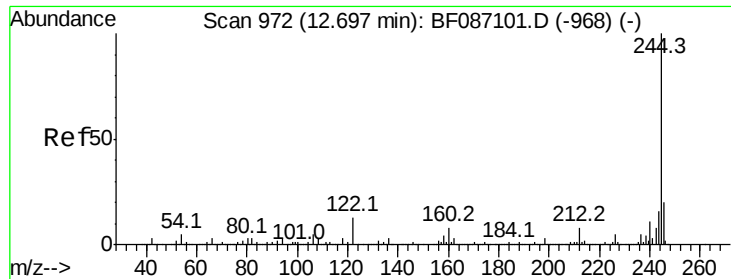


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 98.61 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

Tot Ion:244 Resp: 1446849

Ion Ratio Lower Upper

244 100

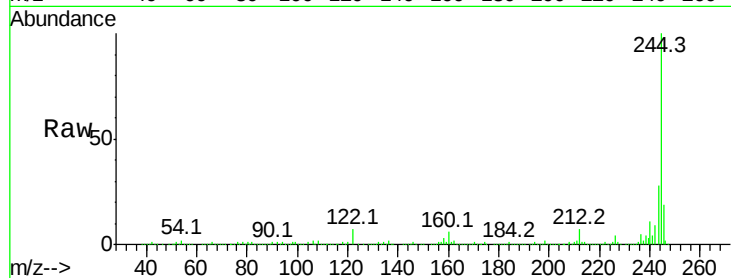
212 7.0 6.2 9.2

122 7.1 12.0 18.0#

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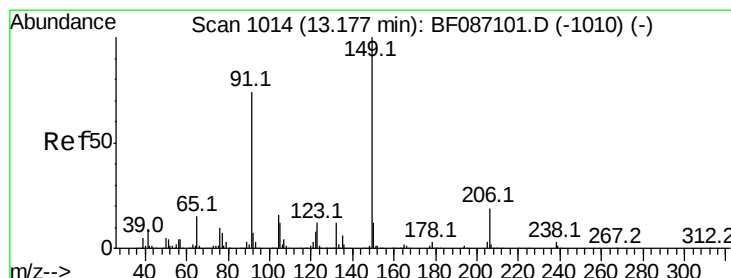
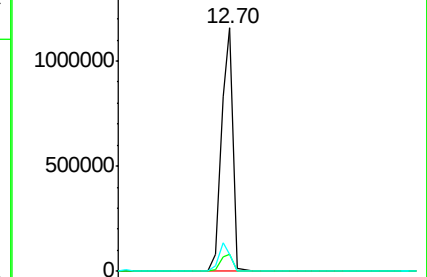
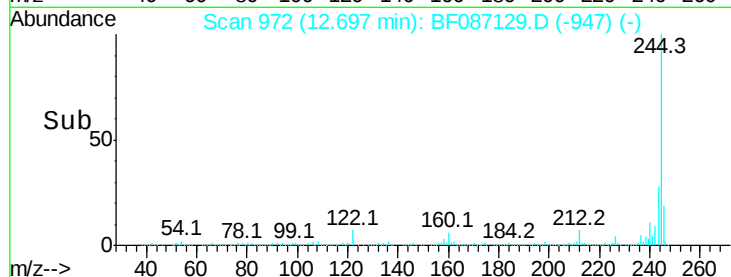
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 45.78 ng

RT: 13.17 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

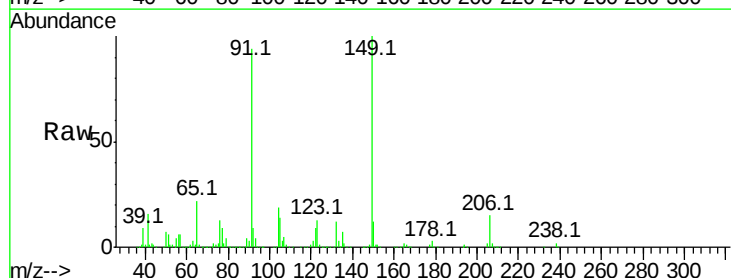
Tgt Ion:149 Resp: 463381

Ion Ratio Lower Upper

149 100

91 94.5 48.0 72.0#

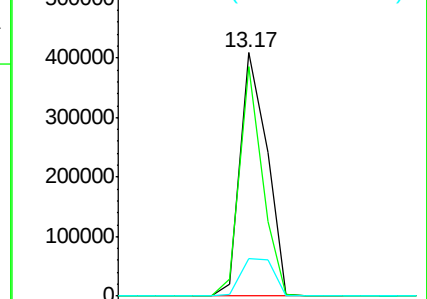
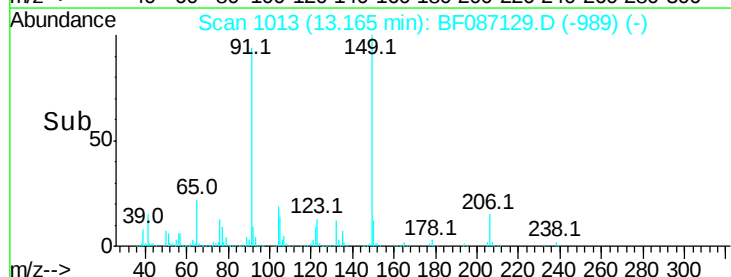
206 15.4 15.8 23.6#

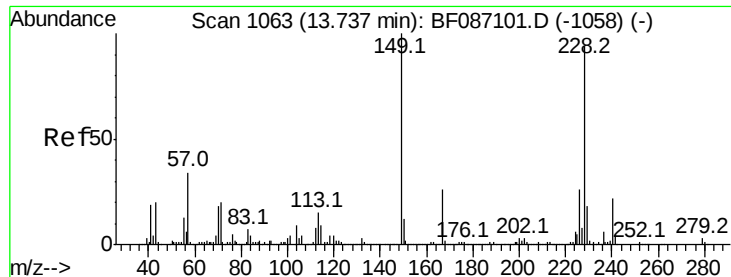


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





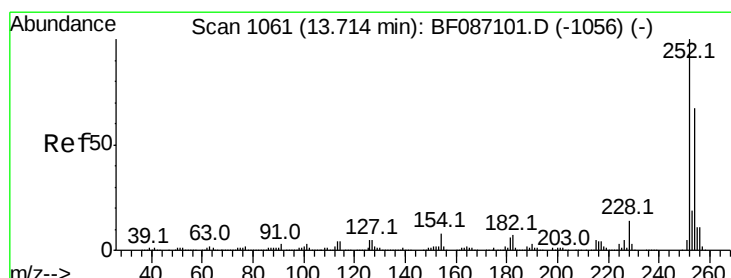
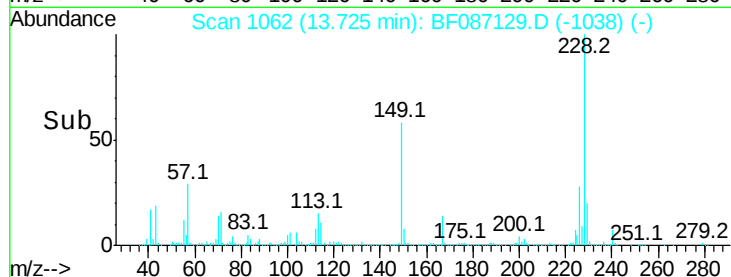
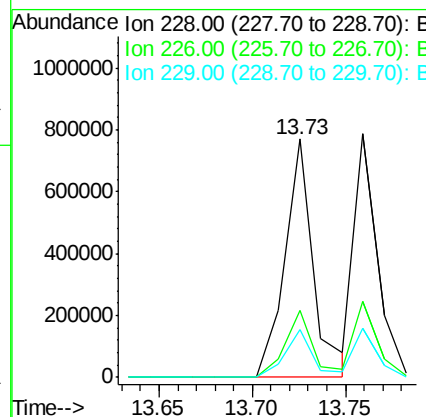
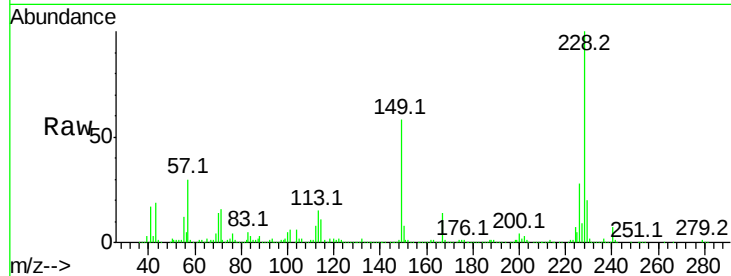
#80
Benzo(a)anthracene
Concen: 42.74 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	820177		
226	28.0		22.5	33.7
229	20.0		16.6	25.0

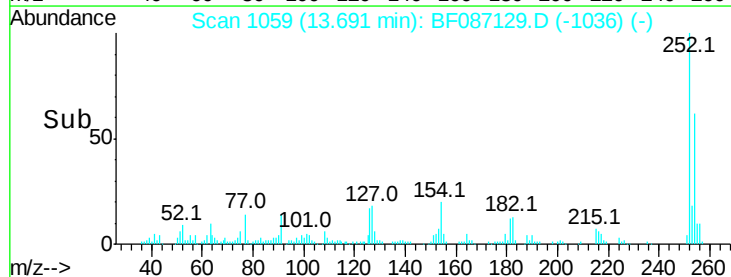
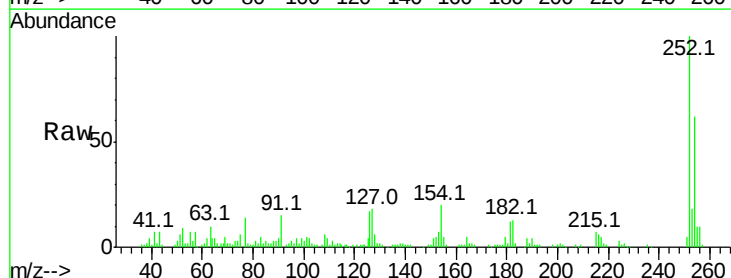
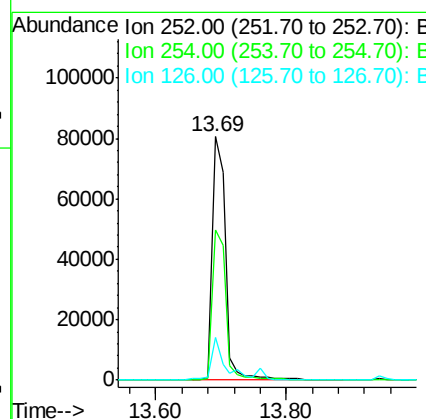
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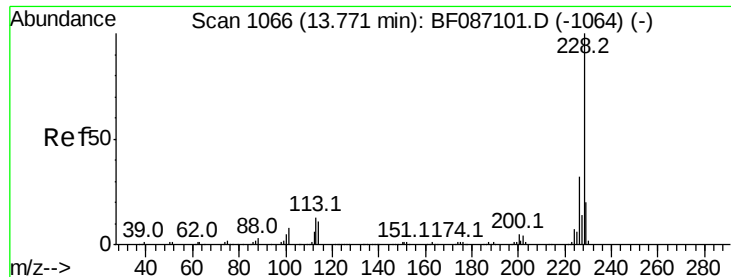
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#81
3,3'-Dichlorobenzidine
Concen: 9.41 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	114896		
254	61.6		50.7	76.1
126	17.3		12.7	19.1





#82

Chrysene

Concen: 38.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

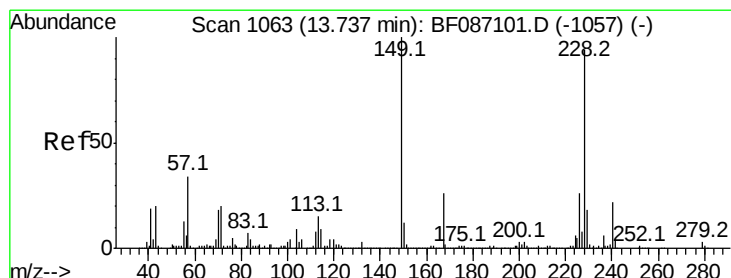
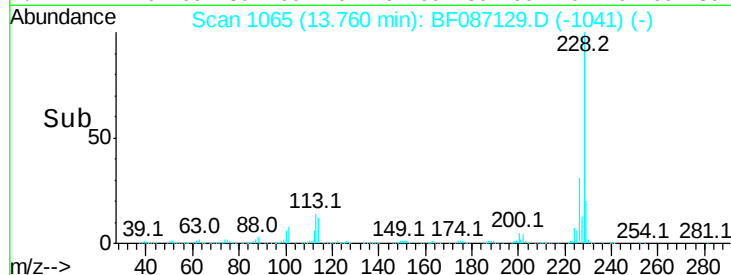
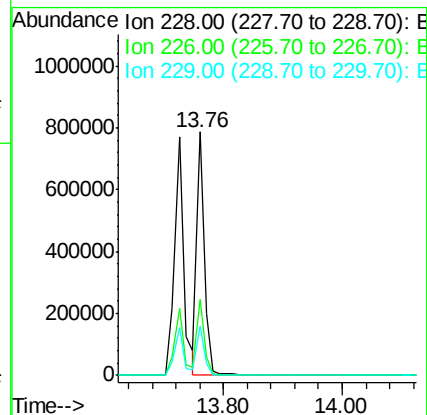
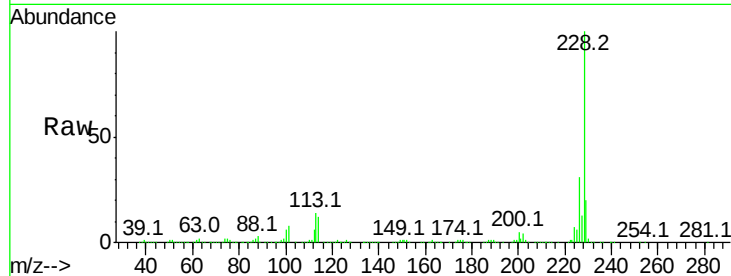
ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

Tot Ion:	228	Resp:	705632
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.4	36.6
229	20.4	15.8	23.8

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#83

Bis(2-ethylhexyl)phthalate

Concen: 48.48 ng

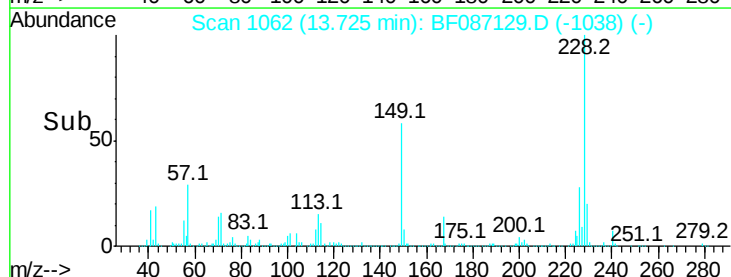
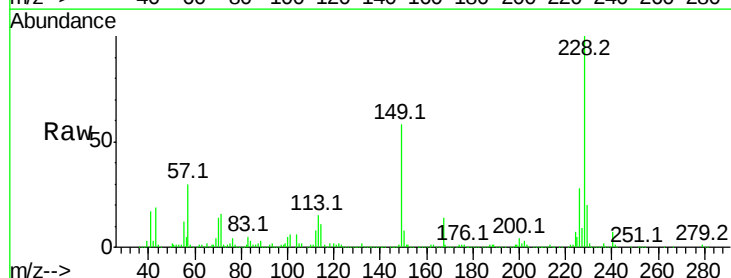
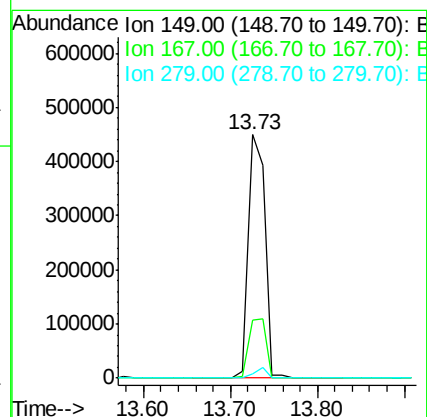
RT: 13.73 min Scan# 1062

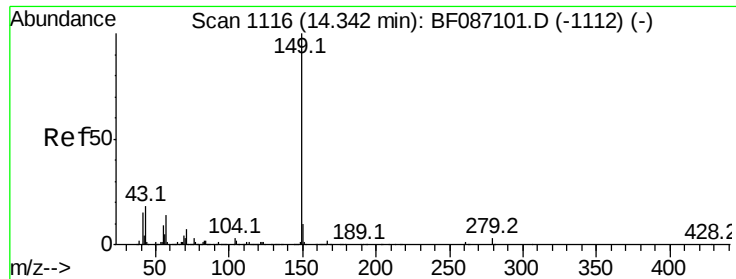
Delta R.T. -0.02 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Tgt Ion:	149	Resp:	597241
Ion Ratio	Lower	Upper	
149	100		
167	23.7	21.8	32.6
279	1.9	2.6	4.0#





#84

Di-n-octyl phthalate

Concen: 49.40 ng

RT: 14.34 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-12KMSD

Tot Ion:149 Resp: 1048332

Ion Ratio Lower Upper

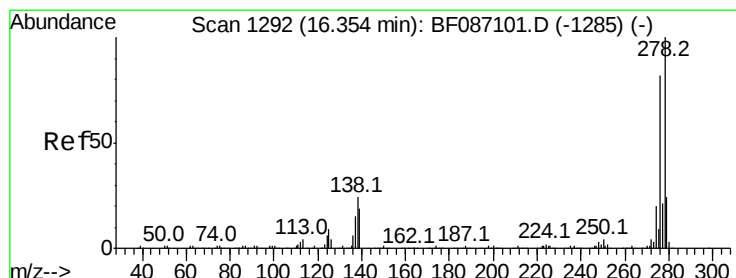
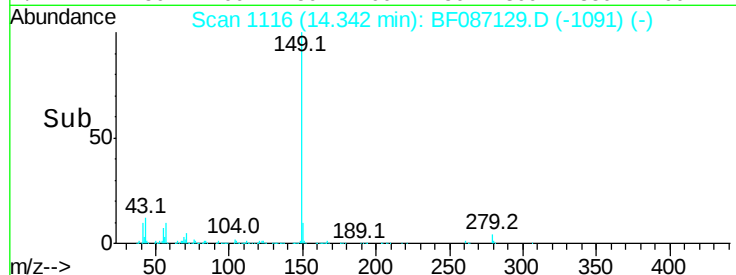
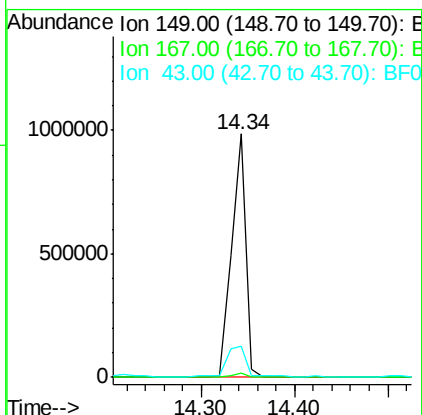
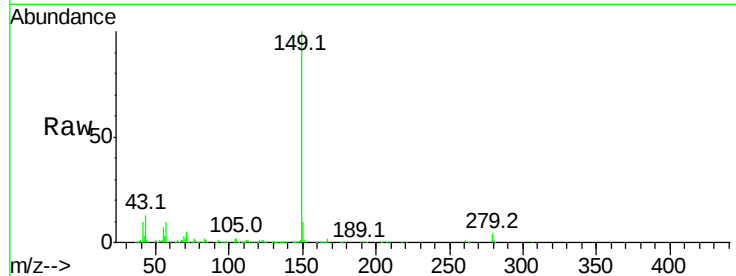
149 100

167 1.6 1.2 1.8

43 16.7 8.2 12.4#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 43.08 ng

RT: 16.33 min Scan# 1290

Delta R.T. -0.03 min

Lab File: BF087129.D

Acq: 18 May 2016 4:15

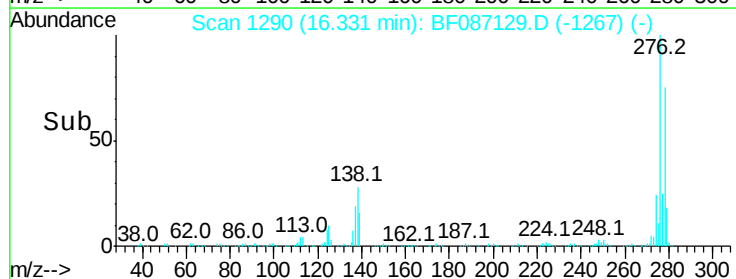
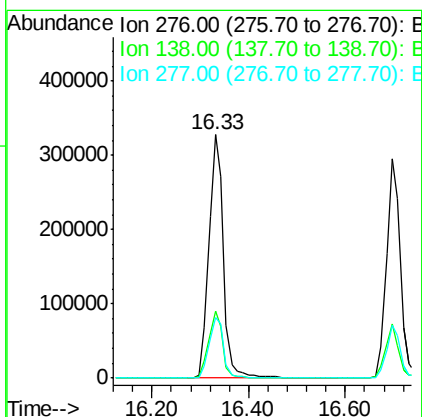
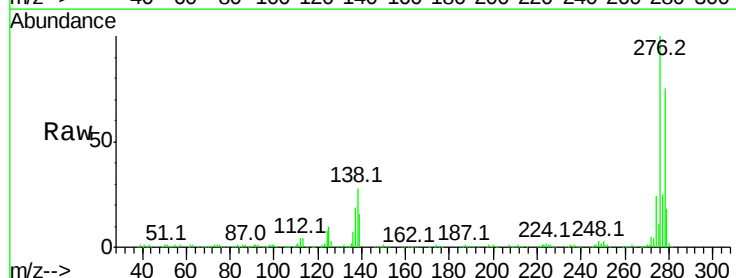
Tgt Ion:276 Resp: 702137

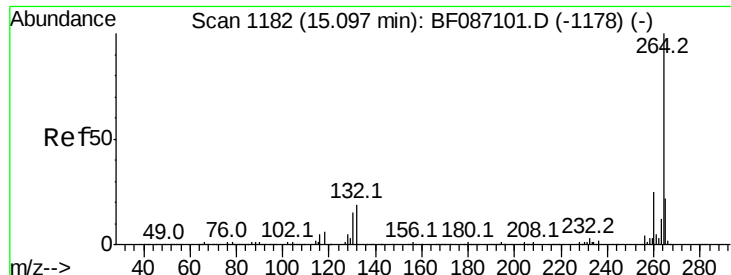
Ion Ratio Lower Upper

276 100

138 27.1 25.6 38.4

277 25.4 20.5 30.7





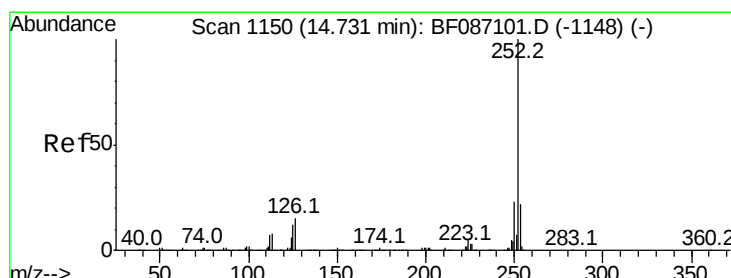
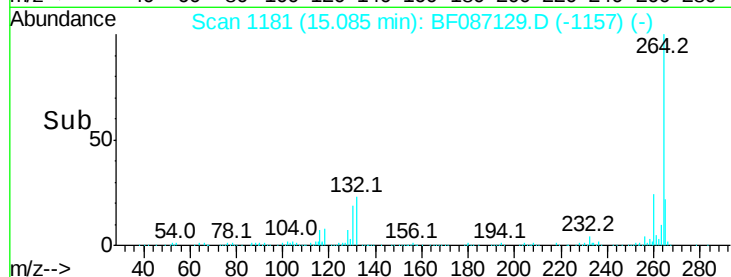
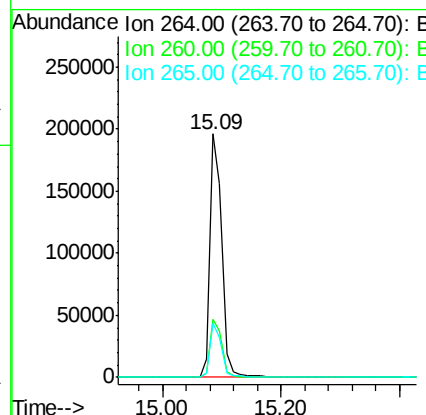
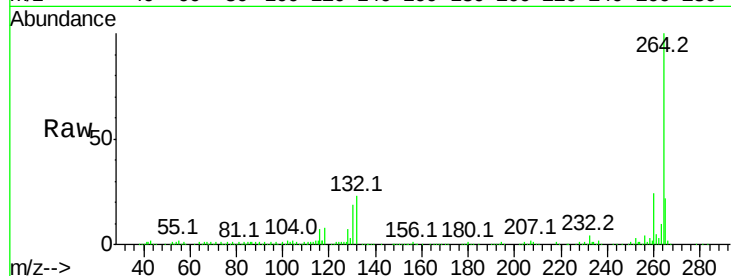
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.1	17.3	25.9

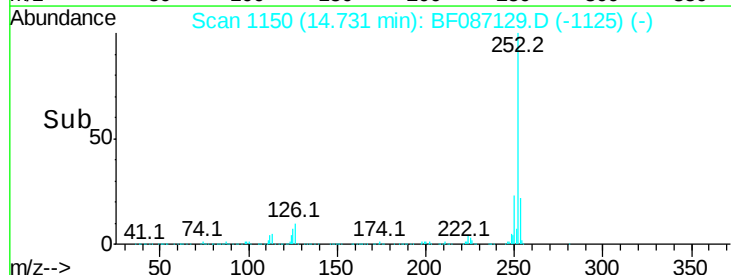
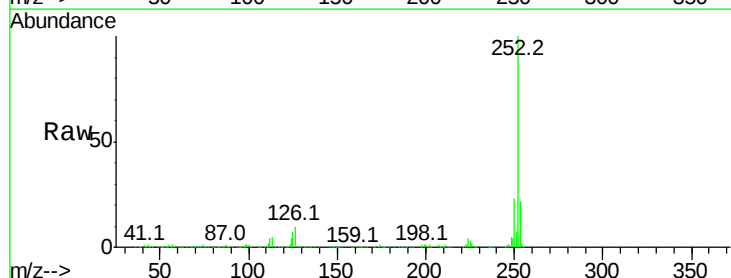
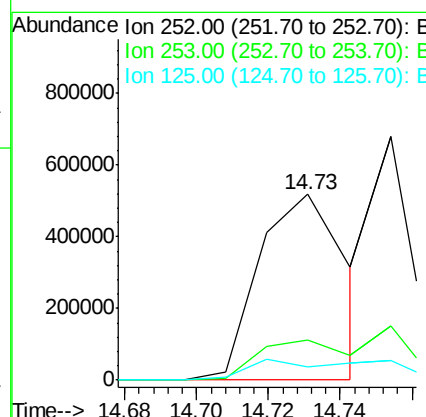
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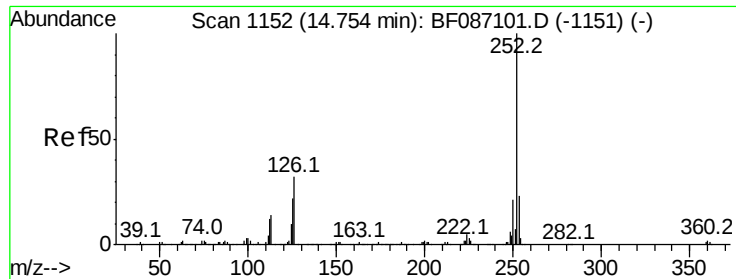
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#87
Benzo(b)fluoranthene
Concen: 47.66 ng m
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	7.1	11.4	17.0





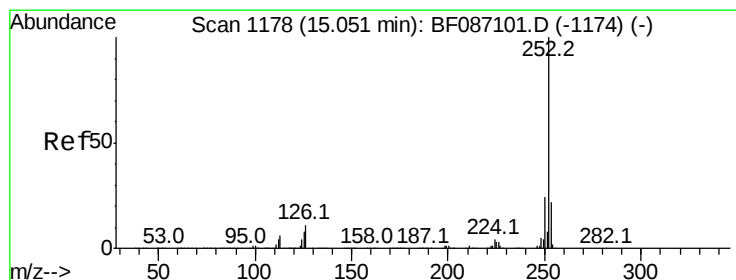
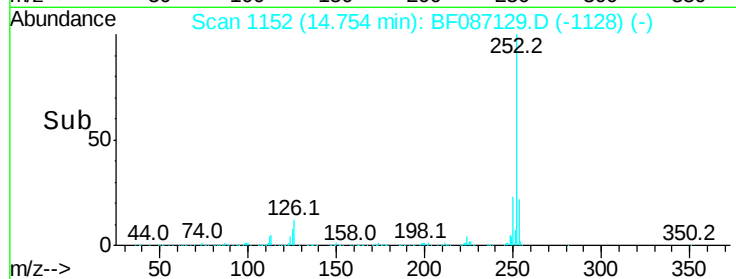
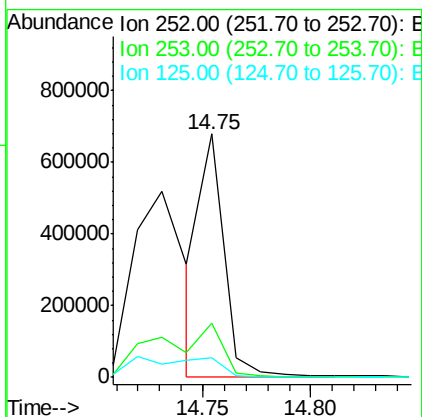
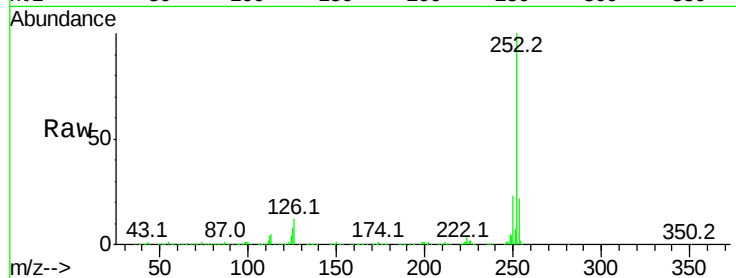
#88
Benzo(k)fluoranthene
Concen: 38.63 ng m
RT: 14.75 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	7.9	9.1	13.7

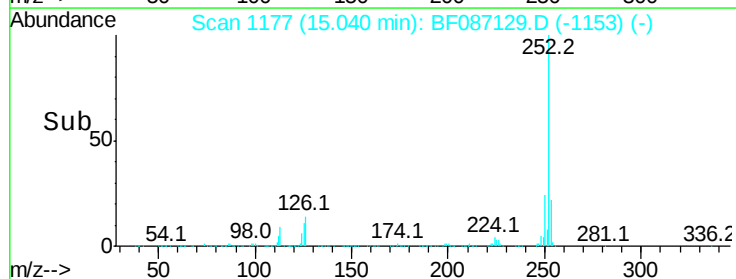
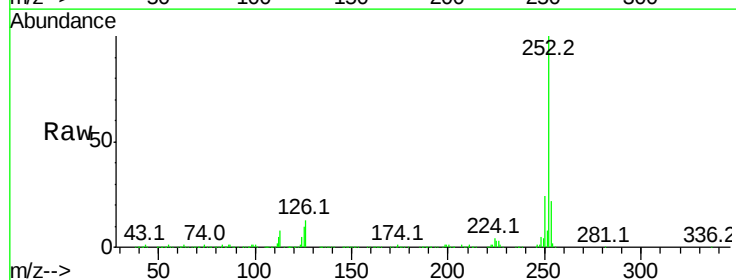
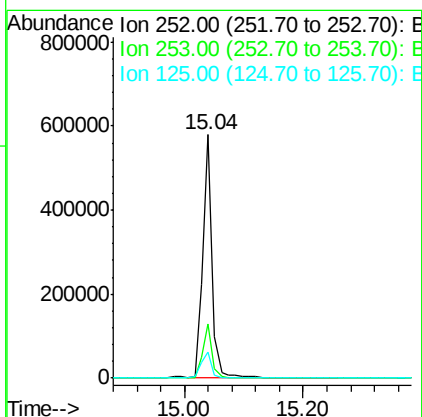
Manual Integrations
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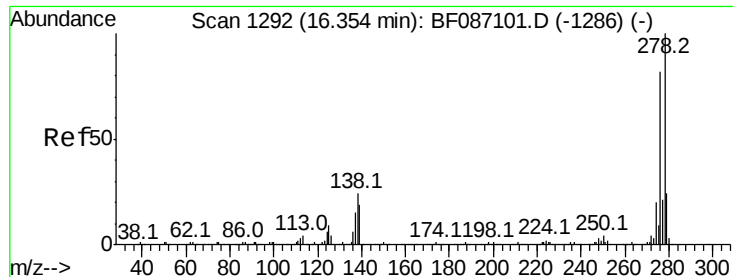
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#89
Benzo(a)pyrene
Concen: 42.55 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.5	9.0	13.6





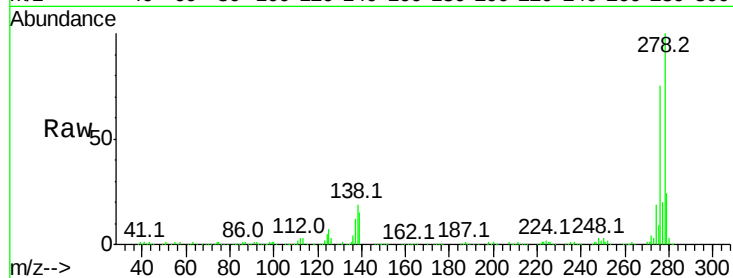
#90
Dibenzo(a,h)anthracene
Concen: 45.57 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.03 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

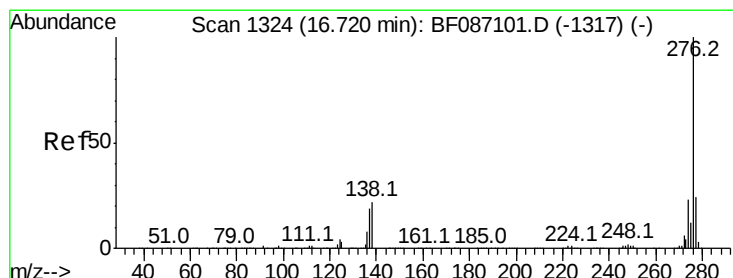
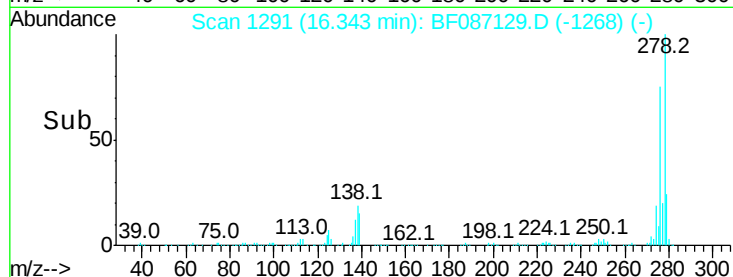
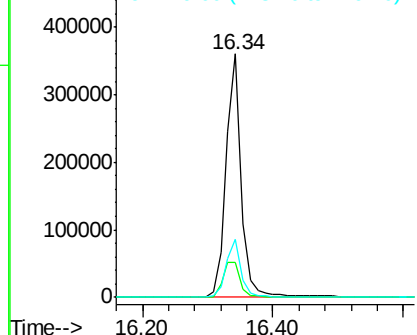
Tot Ion	Ratio	Resp	Lower	Upper
278	100			
139	14.5	16.6	24.8	
279	23.7	19.6	29.4	

Manual Integrations
APPROVED

sohil
5/18/2016 6:59:30 PM

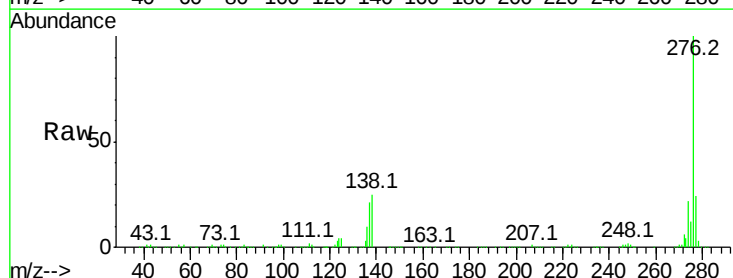


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 45.68 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.05 min
Lab File: BF087129.D
Acq: 18 May 2016 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
277	24.0	19.6	29.4	
138	24.9	23.6	35.4	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

