

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089573.D
 Acq On : 3 Aug 2016 22:42
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

Manual Integrations
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 8/4/2016 6:11:52 PM

Quant Time: Aug 04 08:43:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 08:40:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	41789	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	180634	20.00	ng	0.00
38) Acenaphthene-d10	12.32	164	83568	20.00	ng	0.00
63) Phenanthrene-d10	14.71	188	155145	20.00	ng	-0.01
75) Chrysene-d12	18.41	240	95094	20.00	ng	0.00
86) Perylene-d12	20.07	264	74239	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	197945	79.74	ng	0.00
7) Phenol-d6	7.00	99	268173	79.76	ng	0.00
23) Nitrobenzene-d5	8.38	82	245025	75.04	ng	0.00
41) 2,4,6-Tribromophenol	13.61	330	55589	83.75	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	477766	74.25	ng	0.00
78) Terphenyl-d14	17.07	244	355680	75.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	48587	33.36	ng	97
3) Pyridine	2.35	79	94064	34.06	ng	98
4) n-Nitrosodimethylamine	2.32	42	38944	35.67	ng	100
6) Aniline	6.96	93	156286	34.93	ng	100
8) 2-Chlorophenol	7.14	128	116572	38.61	ng	99
9) Benzaldehyde	6.78	77	54057	45.13	ng	97
10) Phenol	7.02	94	139862	40.17	ng	92
11) bis(2-Chloroethyl)ether	7.11	93	116220	37.97	ng	99
12) 1,3-Dichlorobenzene	7.37	146	122861	37.11	ng	98
13) 1,4-Dichlorobenzene	7.50	146	119133	36.03	ng	97
14) 1,2-Dichlorobenzene	7.72	146	123222	35.91	ng	99
15) Benzyl Alcohol	7.75	79	83930	38.22	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.95	45	143449	38.00	ng	96
17) 2-Methylphenol	7.96	107	87165	39.46	ng	97
18) Hexachloroethane	8.25	117	50901	36.66	ng	100
19) n-Nitroso-di-n-propylamine	8.18	70	88638	37.48	ng	97
20) 3+4-Methylphenols	8.23	107	109272	37.79	ng	99
22) Acetophenone	8.15	105	150198	35.03	ng	100
24) Nitrobenzene	8.41	77	129653	39.14	ng	100
25) Isophorone	8.81	82	243157	39.22	ng	100
26) 2-Nitrophenol	8.91	139	55425	39.15	ng	97
27) 2,4-Dimethylphenol	9.05	122	102700	40.49	ng	98
28) bis(2-Chloroethoxy)methane	9.19	93	136035	36.63	ng	99
29) 2,4-Dichlorophenol	9.32	162	88100	36.92	ng	99
30) 1,2,4-Trichlorobenzene	9.42	180	101931	37.38	ng	95
31) Naphthalene	9.53	128	351777	36.63	ng	99
32) Benzoic acid	9.37	122	61406	36.45	ng	100
33) 4-Chloroaniline	9.67	127	123783	33.37	ng	99
34) Hexachlorobutadiene	9.75	225	56369	35.63	ng	99
35) Caprolactam	10.30	113	26619	37.93	ng	86
36) 4-Chloro-3-methylphenol	10.51	107	109822	39.27	ng	89
37) 2-Methylnaphthalene	10.65	142	213476	36.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.92	216	115742	36.75	ng	99
40) Hexachlorocyclopentadiene	10.91	237	32262	33.33	ng	98

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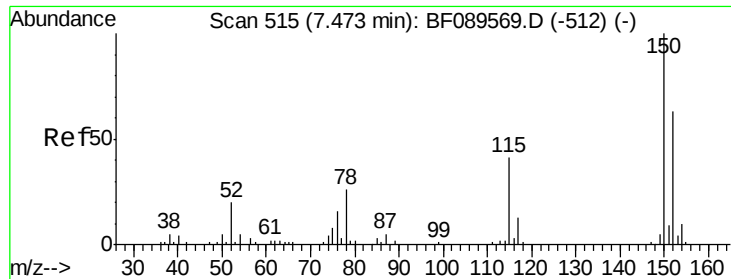
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.14	196	60676	39.41	nq	97
43) 2,4,5-Trichlorophenol	11.22	196	68553	42.04	nq	99
45) 1,1'-Biphenyl	11.43	154	280689	37.19	nq	99
46) 2-Chloronaphthalene	11.44	162	208864	36.94	nq	99
47) 2-Nitroaniline	11.64	65	63581	35.45	nq	95
48) Acenaphthylene	12.09	152	352092	37.77	nq	99
49) Dimethylphthalate	11.98	163	249389	38.95	nq	99
50) 2,6-Dinitrotoluene	12.06	165	52044	40.63	nq	# 67
51) Acenaphthene	12.38	154	204280	37.80	nq	99
52) 3-Nitroaniline	12.33	138	54592	36.15	nq	100
53) 2,4-Dinitrophenol	12.54	184	15910	37.46	nq	97
54) Dibenzofuran	12.66	168	271817	36.96	nq	100
55) 4-Nitrophenol	12.72	139	29797m	36.42	nq	
56) 2,4-Dinitrotoluene	12.72	165	69258	40.23	nq	97
57) Fluorene	13.21	166	239489	38.28	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.89	232	41717m	35.89	nq	
59) Diethylphthalate	13.12	149	249878	38.52	nq	100
60) 4-Chlorophenyl-phenylether	13.25	204	111399	39.62	nq	98
61) 4-Nitroaniline	13.33	138	48854	36.91	nq	96
62) Azobenzene	13.50	77	228643	34.37	nq	99
64) 4,6-Dinitro-2-methylphenol	13.38	198	34810	38.49	nq	98
65) n-Nitrosodiphenylamine	13.45	169	193063	36.52	nq	99
66) 4-Bromophenyl-phenylether	14.02	248	58983	38.92	nq	99
67) Hexachlorobenzene	14.09	284	59262	36.15	nq	92
68) Atrazine	14.37	200	53366	39.01	nq	99
69) Pentachlorophenol	14.45	266	22395	37.26	nq	98
70) Phenanthrene	14.75	178	316401	38.18	nq	99
71) Anthracene	14.83	178	339408	37.46	nq	100
72) Carbazole	15.12	167	282202	38.50	nq	100
73) Di-n-butylphthalate	15.71	149	371213	39.60	nq	100
74) Fluoranthene	16.51	202	319126	38.05	nq	99
76) Benzidine	16.75	184	108671	41.90	nq	98
77) Pyrene	16.81	202	311469	36.85	nq	99
79) Butylbenzylphthalate	17.74	149	130253	41.06	nq	99
80) Benzo(a)anthracene	18.40	228	209355	37.78	nq	99
81) 3,3'-Dichlorobenzidine	18.39	252	69759	40.17	nq	98
82) Chrysene	18.45	228	213171	37.31	nq	98
83) Bis(2-ethylhexyl)phthalate	18.49	149	177573	41.53	nq	99
84) Di-n-octyl phthalate	19.26	149	249176	38.44	nq	100
85) Indeno(1,2,3-cd)pyrene	21.26	276	187054	38.77	nq	99
87) Benzo(b)fluoranthene	19.66	252	176223	38.85	nq	99
88) Benzo(k)fluoranthene	19.69	252	162881m	36.57	nq	
89) Benzo(a)pyrene	20.01	252	159871	38.02	nq	98
90) Dibenzo(a,h)anthracene	21.27	278	153576	38.58	nq	98
91) Benzo(g,h,i)perylene	21.59	276	158010	37.88	nq	99

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



#1

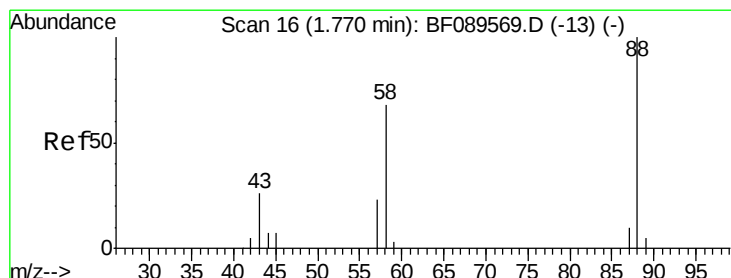
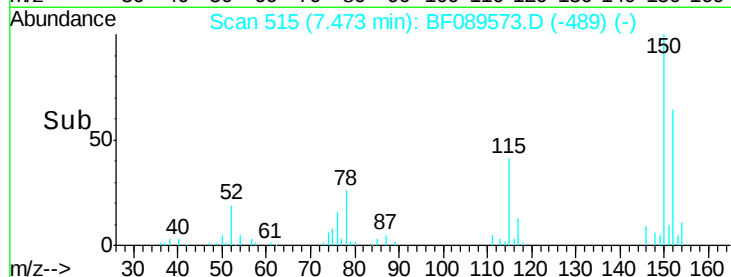
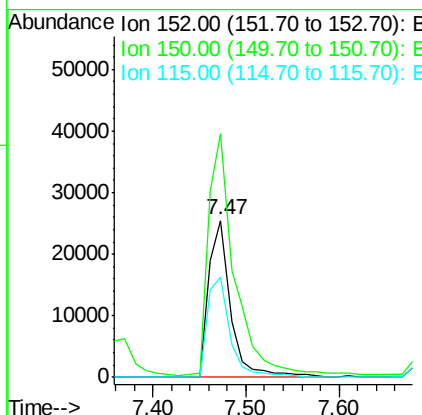
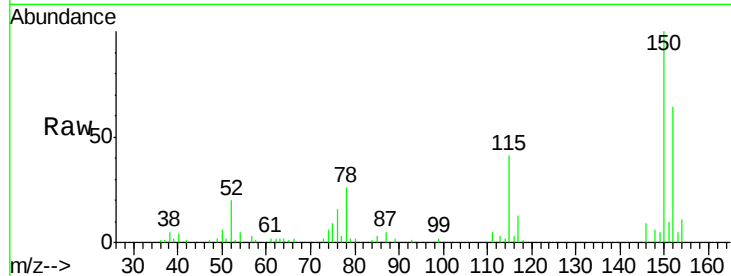
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.4	191.2
115	64.2	51.8	77.8

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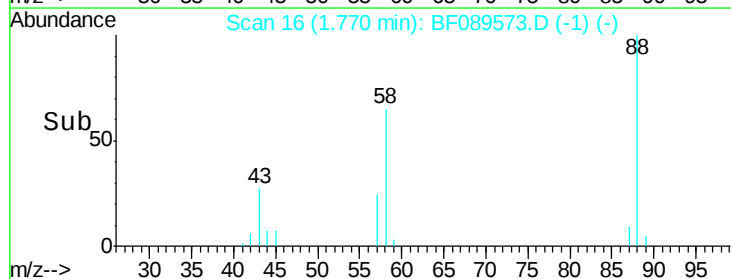
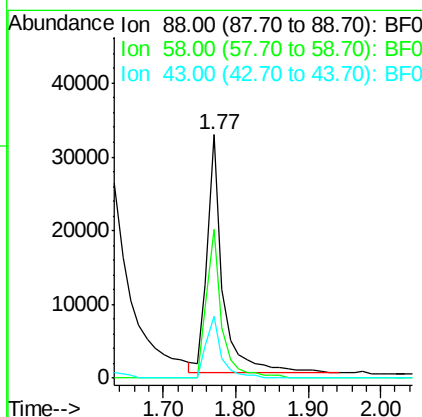
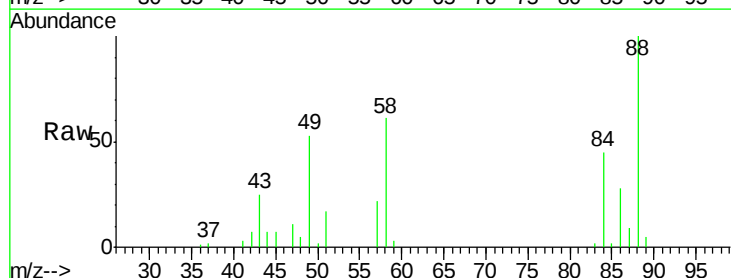
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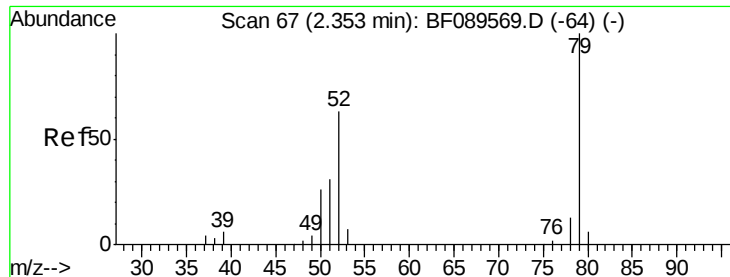


#2

1,4-Dioxane
Concen: 33.36 ng
RT: 1.77 min Scan# 16
Delta R.T. 0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.8	47.0	70.4
43	25.1	18.9	28.3





#3

Pvridine

Concen: 34.06 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

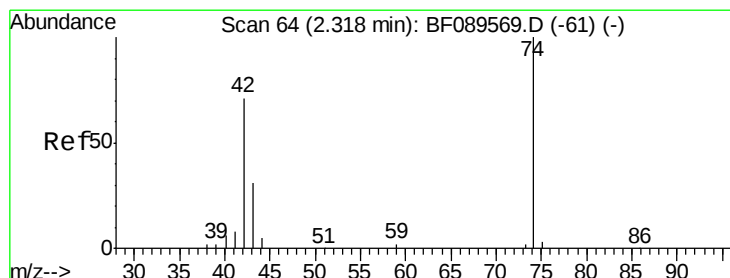
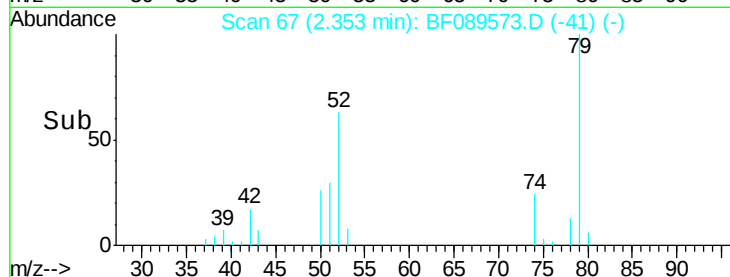
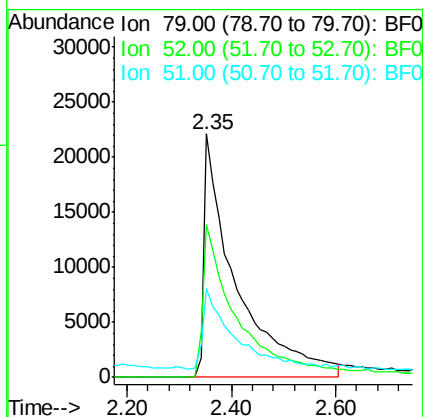
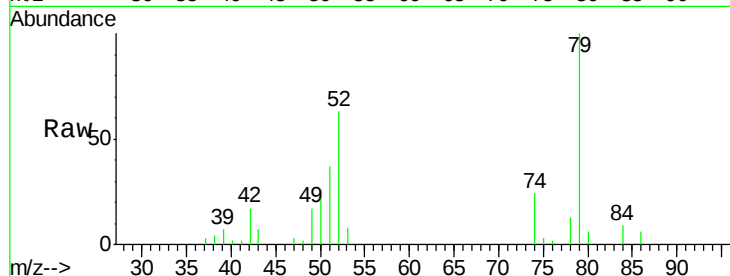
ClientSampleId :

ICVBF080316

Tot Ion:	79	Resp:	94064
Ion	Ratio	Lower	Upper
79	100		
52	63.0	50.6	76.0
51	36.5	27.6	41.4

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#4

n-Nitrosodimethylamine

Concen: 35.67 ng

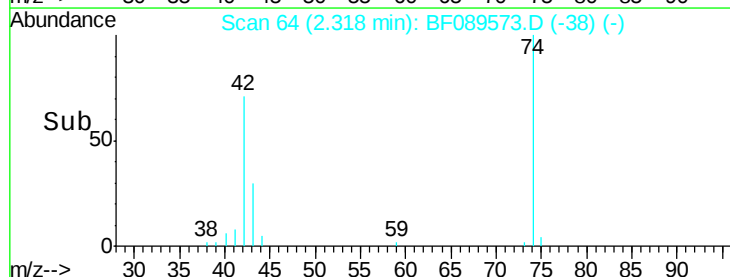
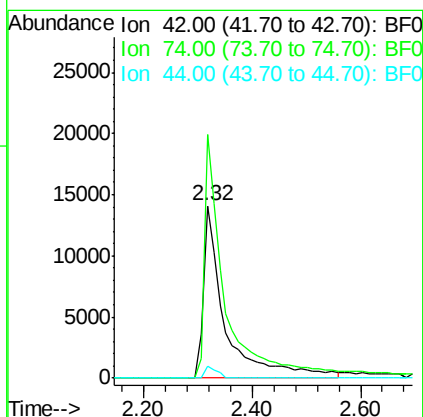
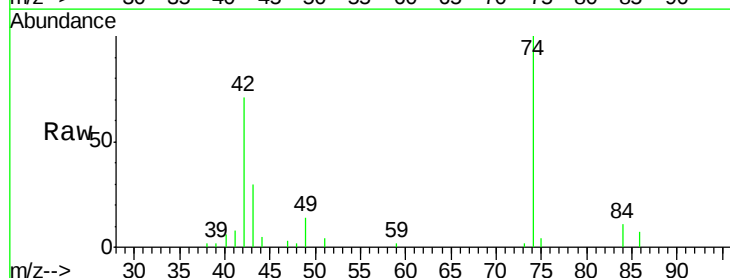
RT: 2.32 min Scan# 64

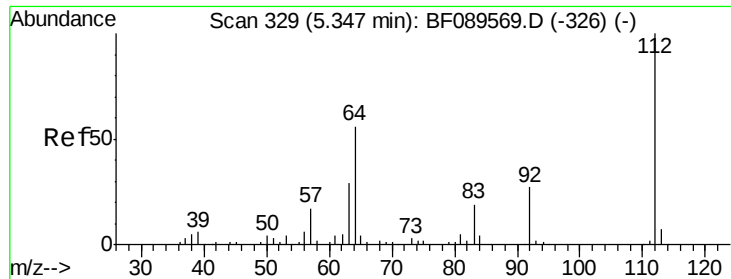
Delta R.T. 0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion:	42	Resp:	38944
Ion	Ratio	Lower	Upper
42	100		
74	141.4	113.5	170.3
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 79.74 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

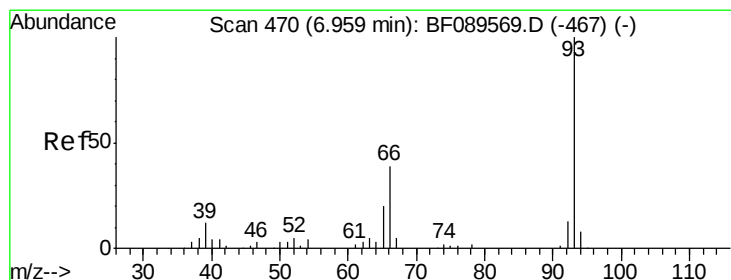
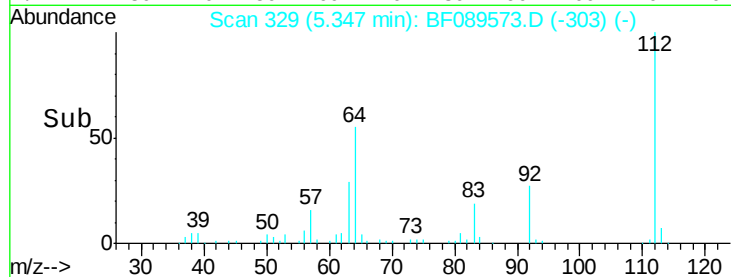
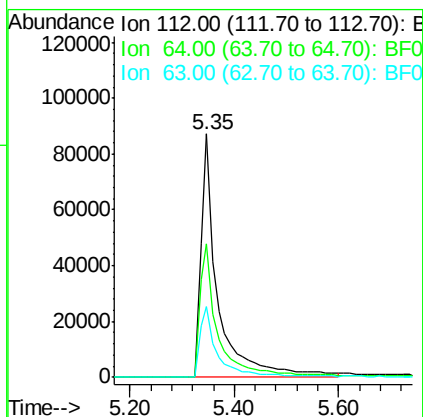
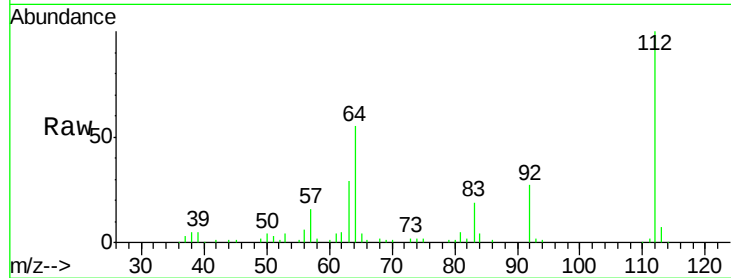
ClientSampleId :

ICVBF080316

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		197945		
64	54.9	45.2	67.8		
63	29.1	23.1	34.7		

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#6

Aniline

Concen: 34.93 ng

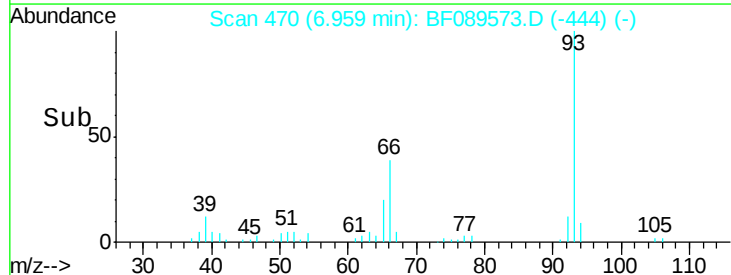
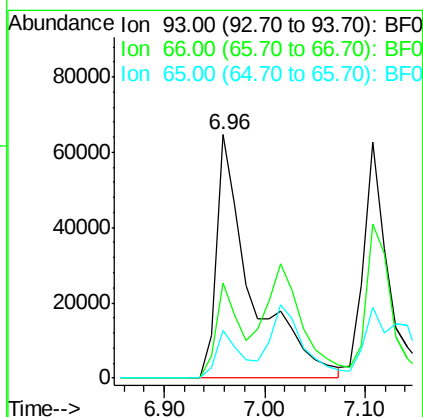
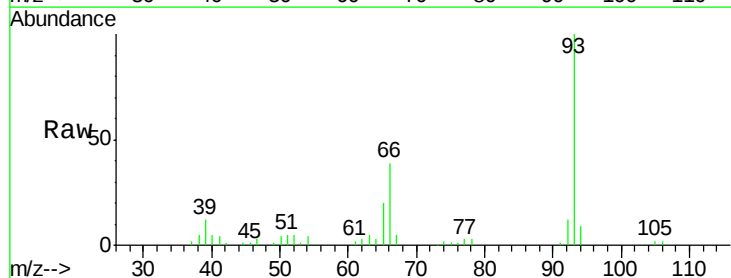
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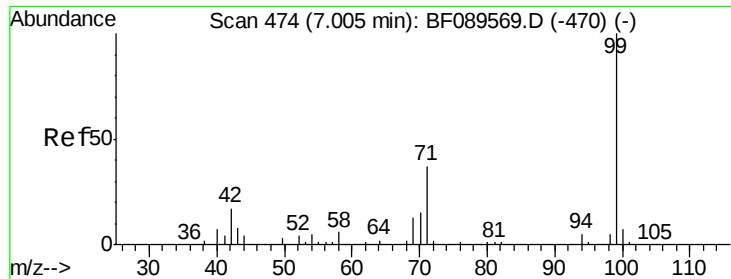
Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		156286		
66	38.9	31.1	46.7		
65	19.5	15.7	23.5		





#7

Phenol-d6

Concen: 79.76 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

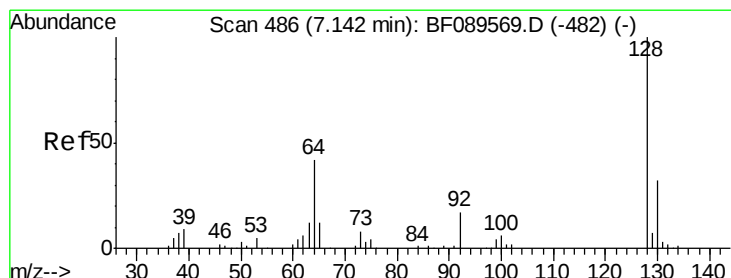
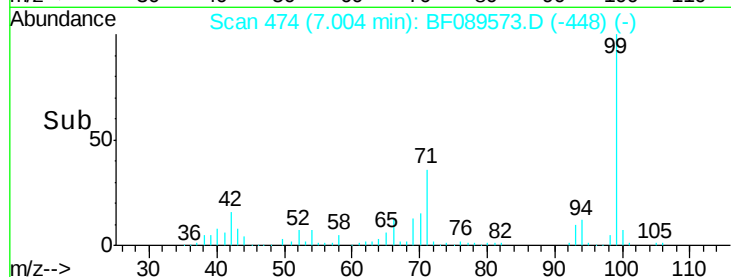
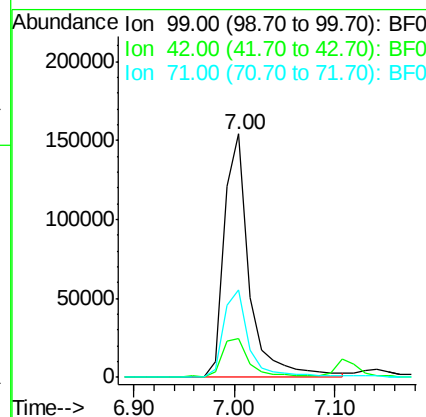
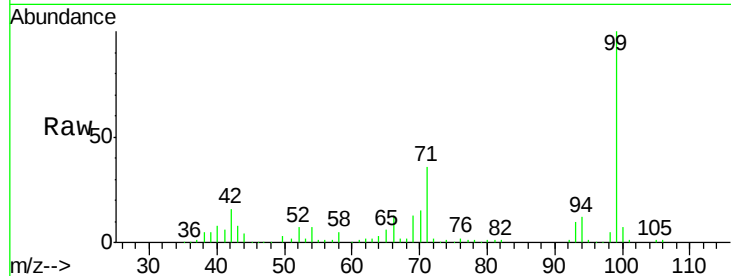
ClientSampleId :

ICVBF080316

Tot Ion:	99	Resp:	268173
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.9	20.9
71	35.8	29.3	43.9

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#8

2-Chlorophenol

Concen: 38.61 ng

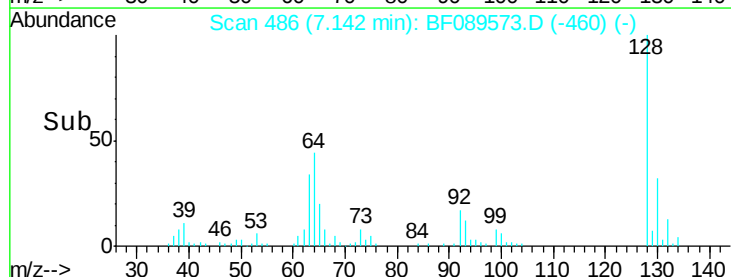
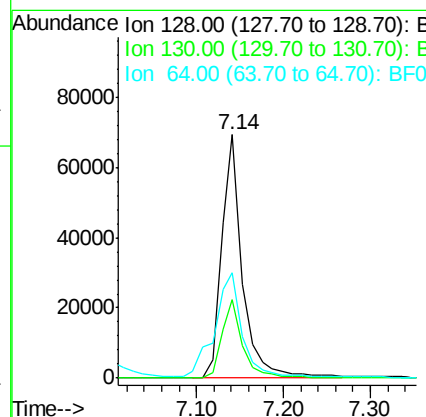
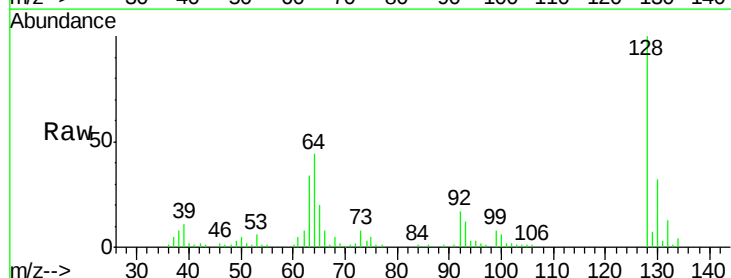
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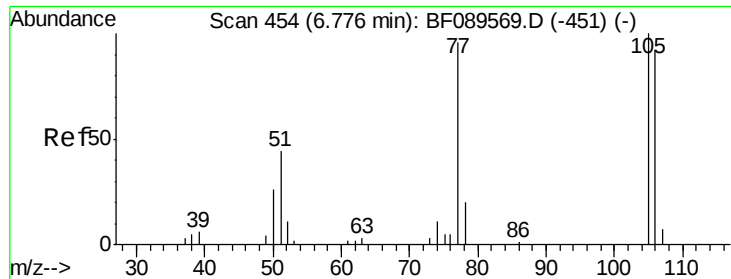
Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion:	128	Resp:	116572
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.4	52.4
64	43.5	24.0	64.0





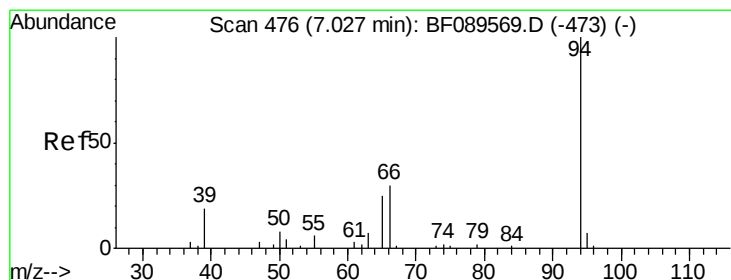
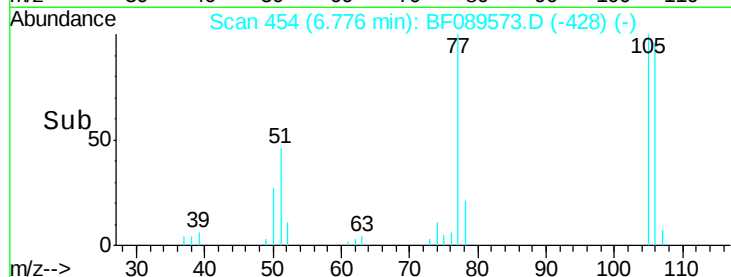
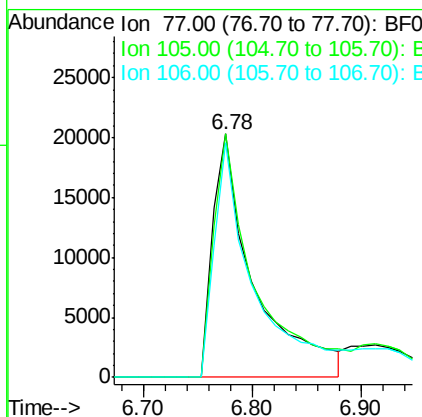
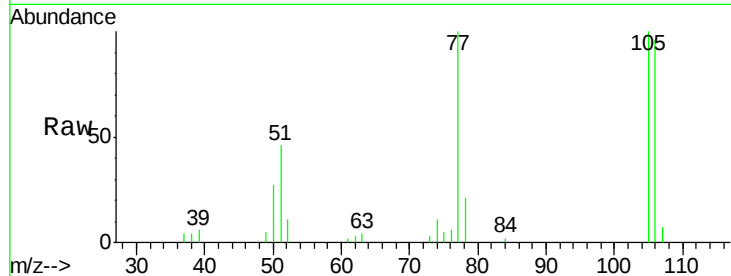
#9
Benzaldehyde
Concen: 45.13 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.0	84.0	124.0
106	96.4	75.3	115.3

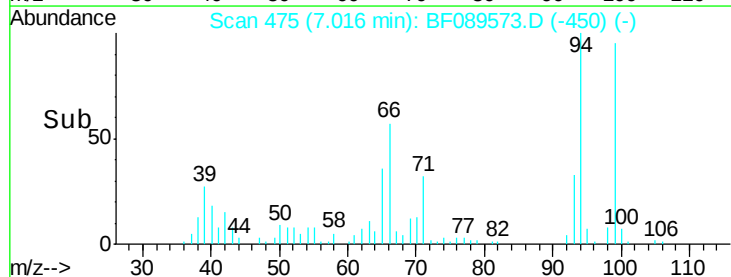
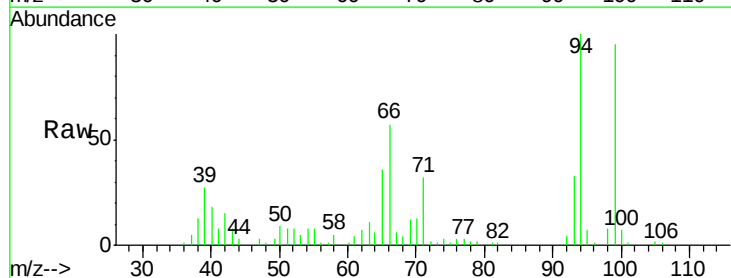
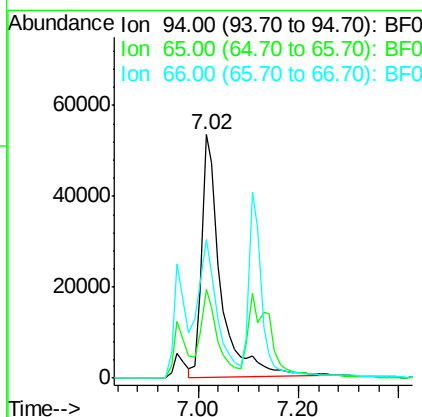
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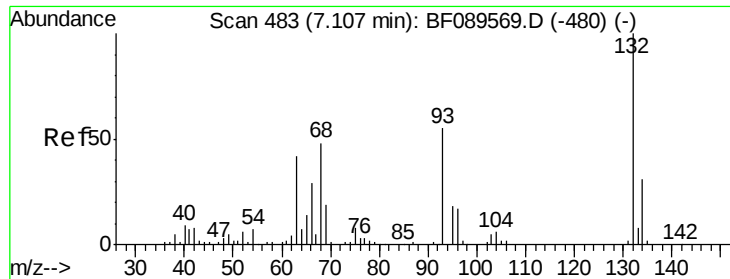
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#10
Phenol
Concen: 40.17 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.4	11.9	51.9
66	56.8	30.9	70.9





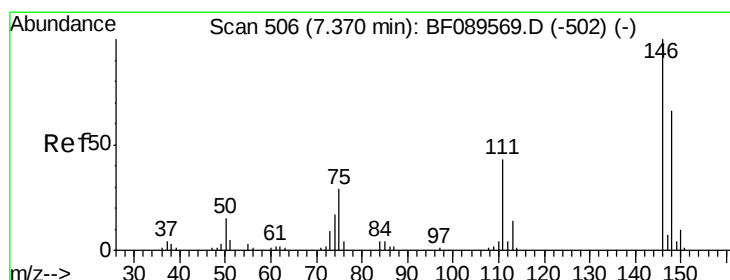
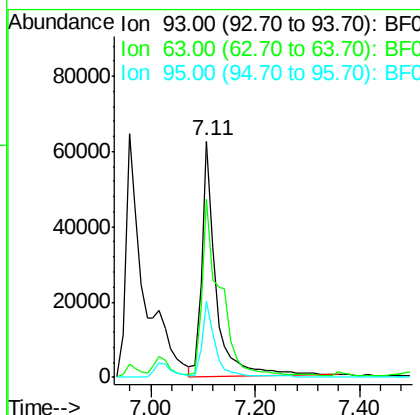
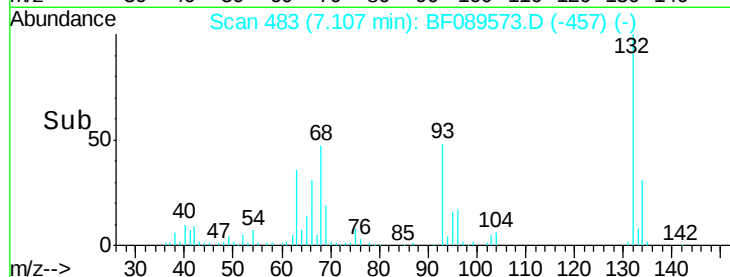
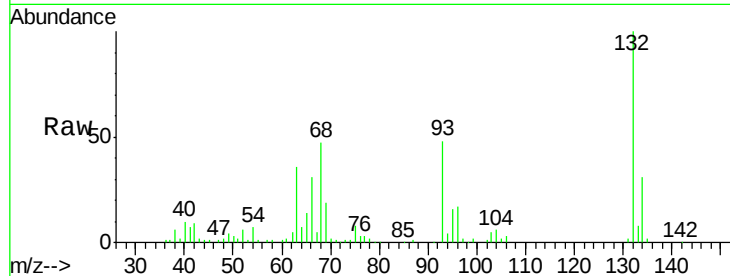
#11
bis(2-Chloroethyl)ether
Concen: 37.97 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ratio	Resp	Lower	Upper
93	100	116220		
63	75.3	54.0	94.0	
95	32.4	12.3	52.3	

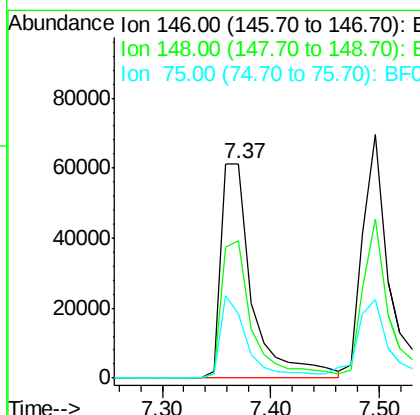
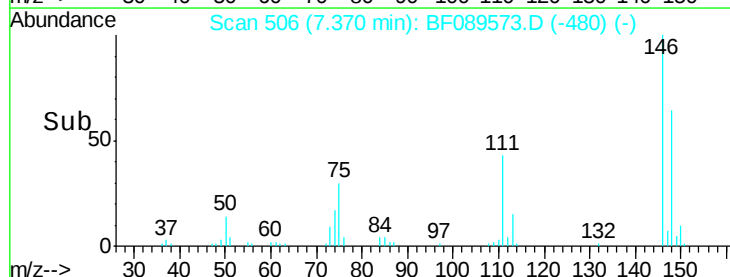
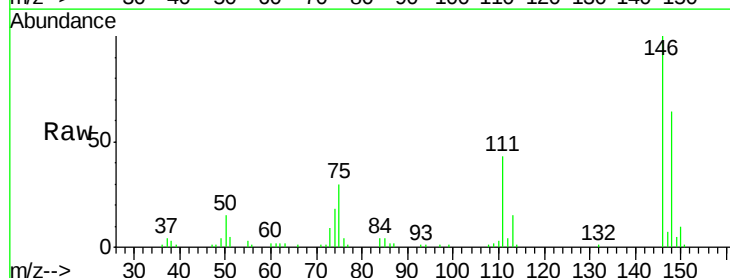
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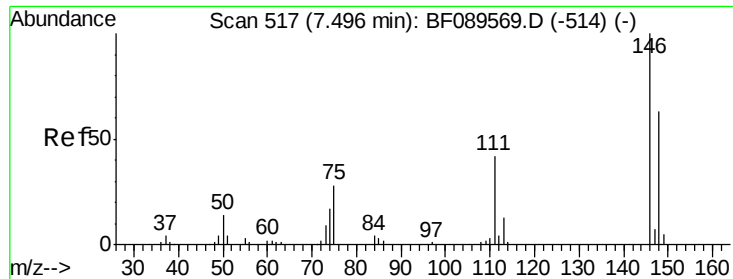
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#12
1,3-Dichlorobenzene
Concen: 37.11 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122861		
148	64.2	52.7	79.1	
75	29.8	23.3	34.9	





#13

1,4-Dichlorobenzene

Concen: 36.03 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

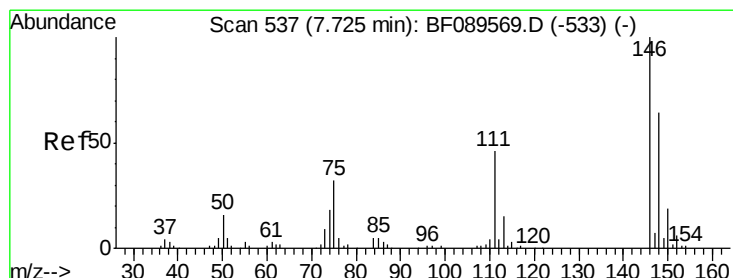
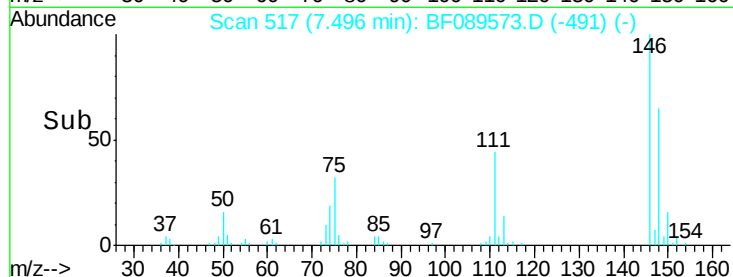
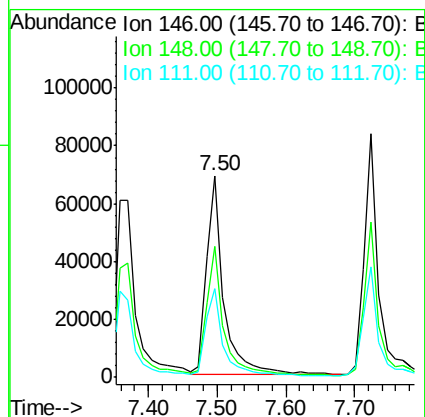
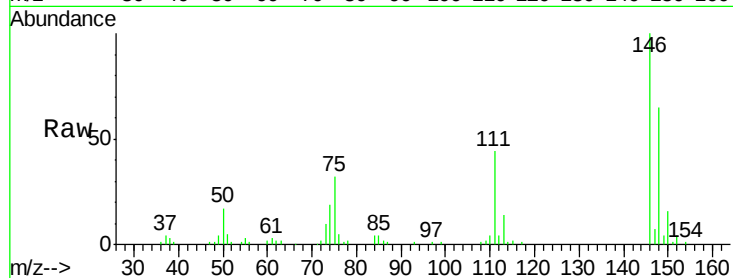
ClientSampleId :

ICVBF080316

Tot Ion:	146	Resp:	119133
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.6	76.0
111	44.3	33.7	50.5

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#14

1,2-Dichlorobenzene

Concen: 35.91 ng

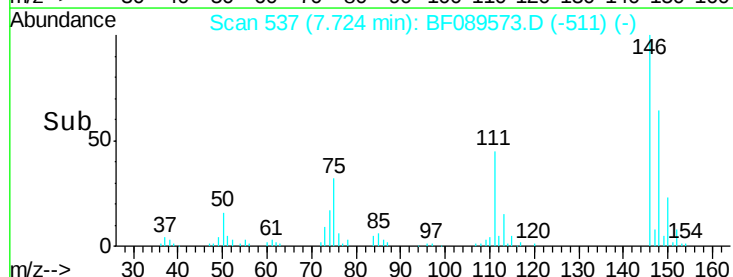
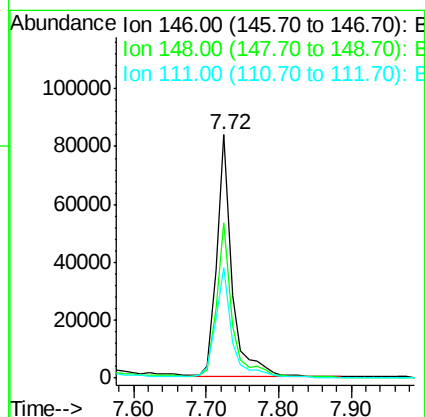
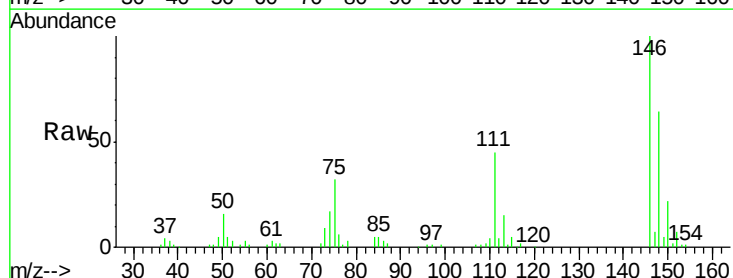
RT: 7.72 min Scan# 537

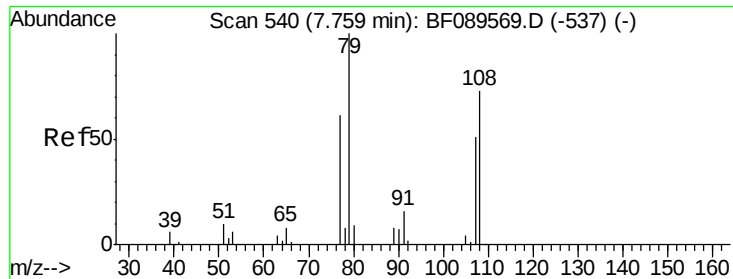
Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion:	146	Resp:	123222
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.4	77.0
111	45.4	36.6	55.0





#15

Benzyl Alcohol

Concen: 38.22 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

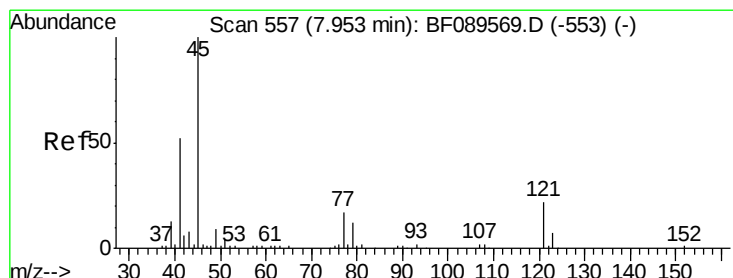
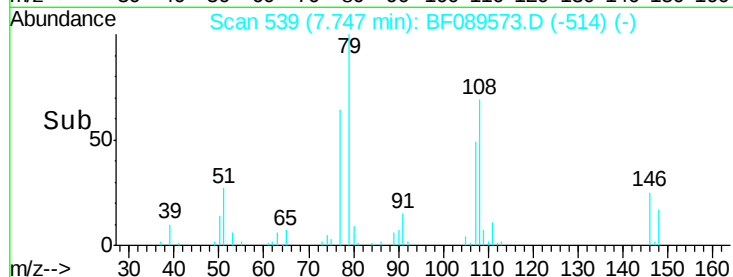
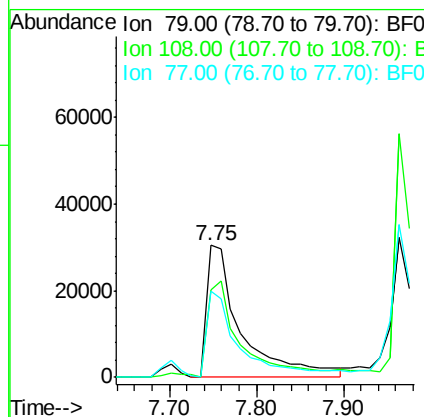
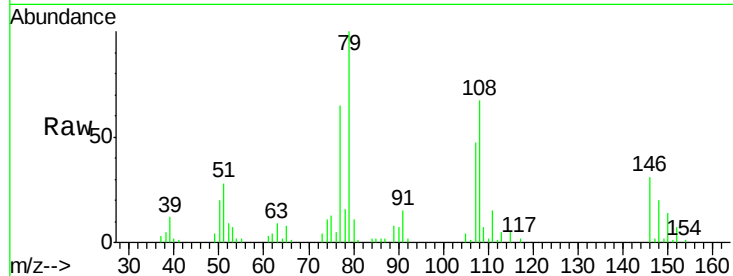
ClientSampleId :

ICVBF080316

Tot Ion:	79	Resp:	83930
Ion Ratio	Lower	Upper	
79	100		
108	66.7	60.6	90.8
77	64.9	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.00 ng

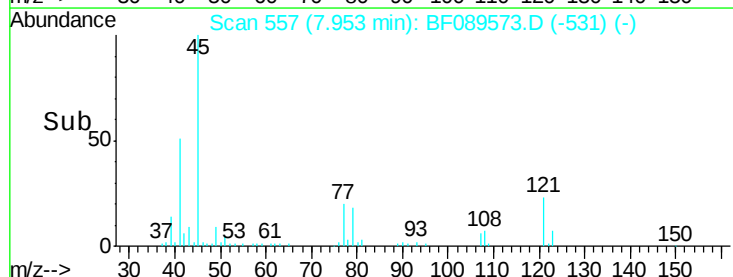
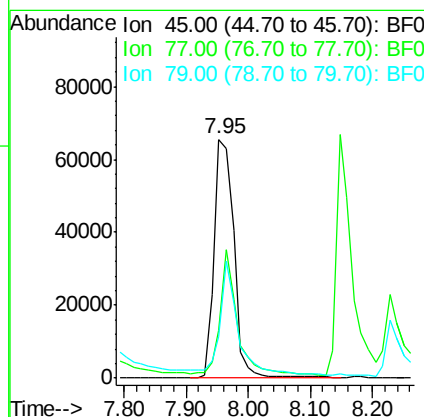
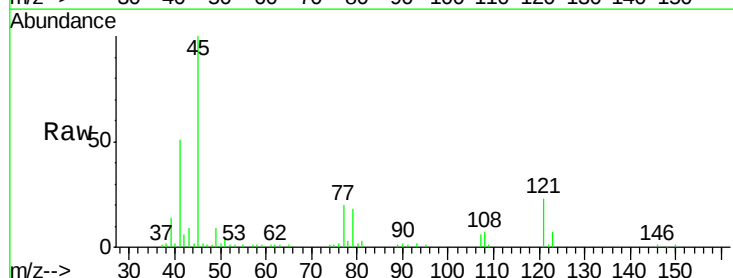
RT: 7.95 min Scan# 557

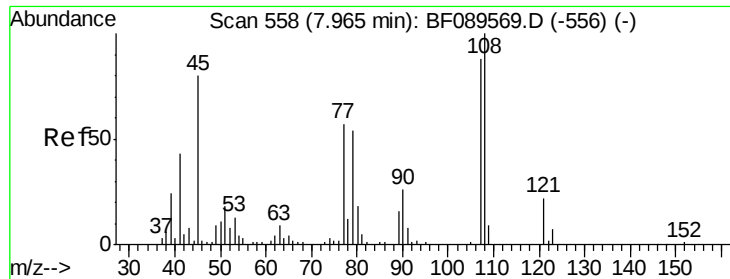
Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion:	45	Resp:	143449
Ion Ratio	Lower	Upper	
45	100		
77	19.8	0.0	38.9
79	17.5	0.0	35.2





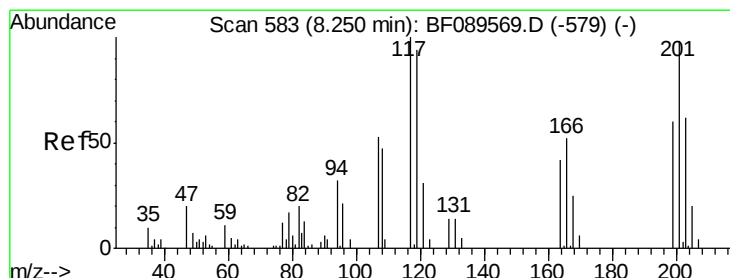
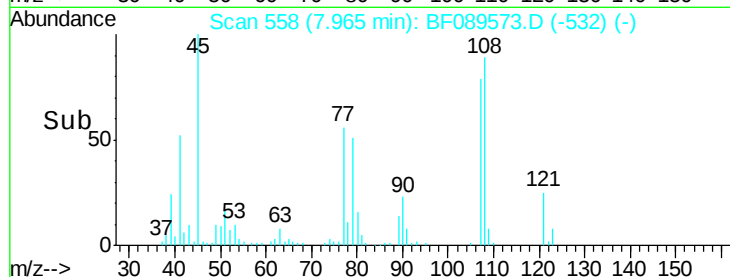
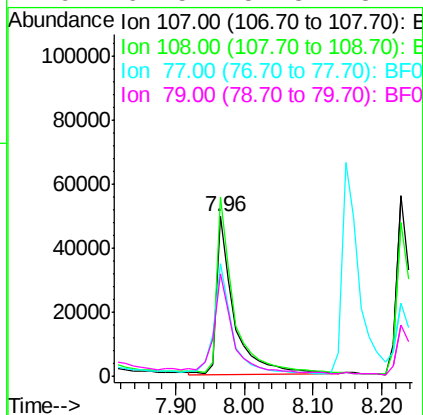
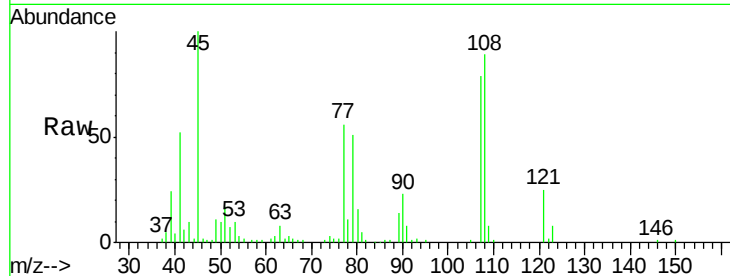
#17
2-Methylphenol
Concen: 39.46 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	107	Resp	87165
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.3	136.9
77	70.4	58.1	87.1
79	64.5	54.8	82.2

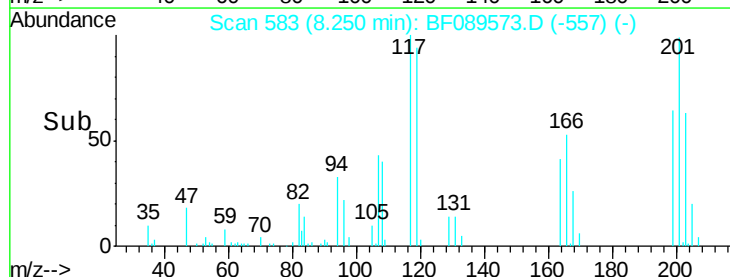
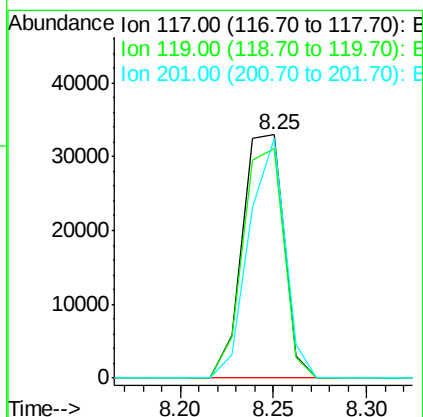
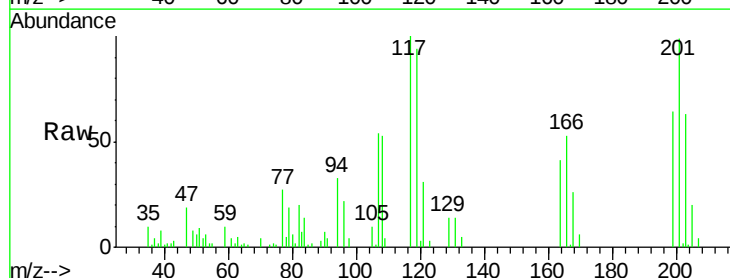
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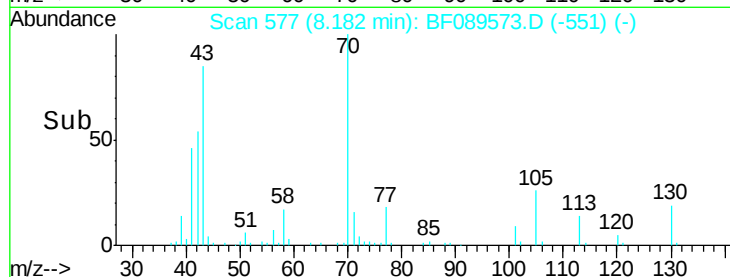
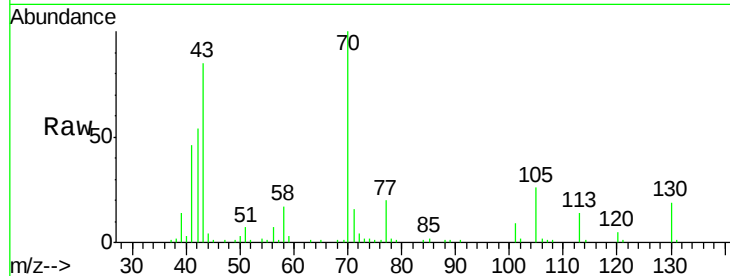
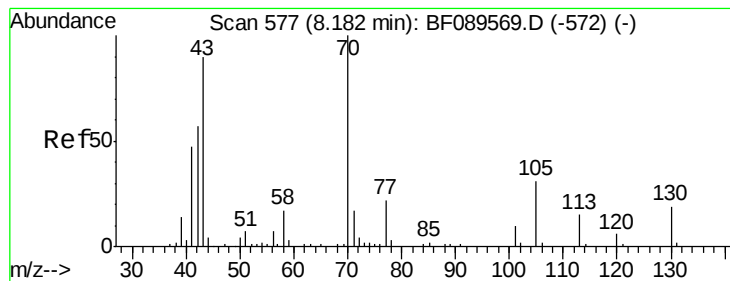
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#18
Hexachloroethane
Concen: 36.66 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	117	Resp	50901
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.5	113.3
201	98.6	78.8	118.2





#19

n-Nitroso-di-n-propylamine

Concen: 37.48 ng

RT: 8.18 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tot Ion:	70	Resp:	88638
Ion Ratio	Lower	Upper	
70	100		
42	54.4	45.5	68.3
101	9.4	7.7	11.5
130	18.5	15.3	22.9

Instrument :

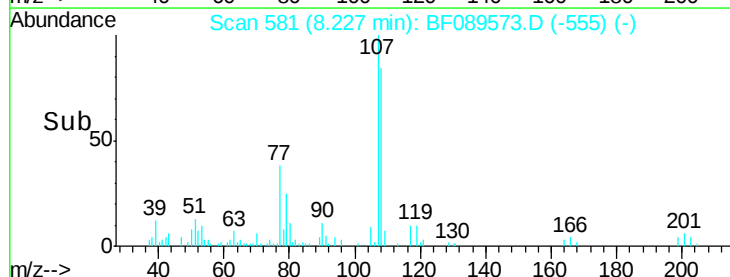
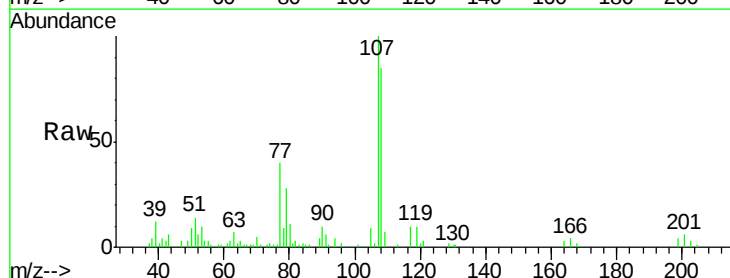
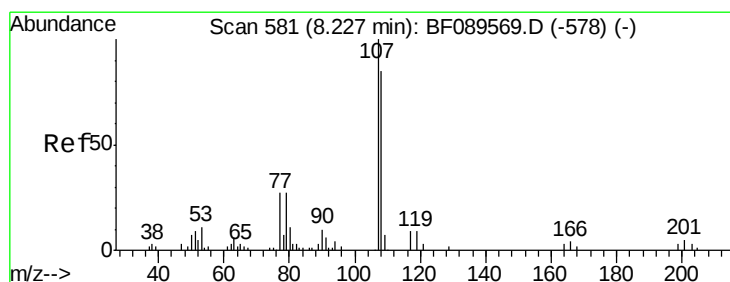
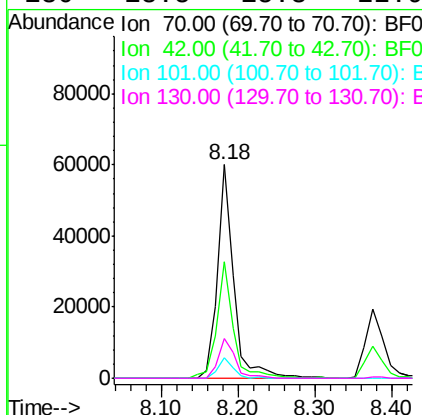
BNA_F

ClientSampleId :

ICVBF080316

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#20

3+4-Methylphenols

Concen: 37.79 ng

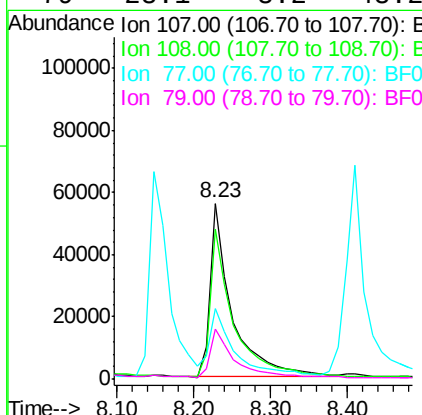
RT: 8.23 min Scan# 581

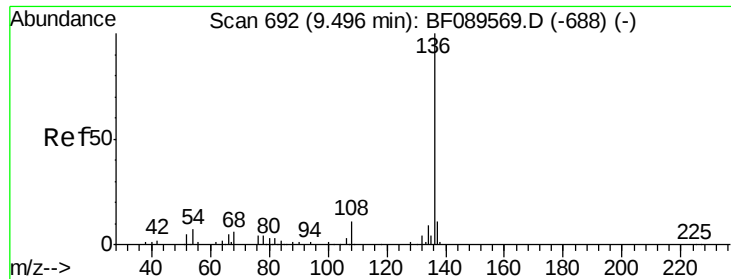
Delta R.T. 0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion:	107	Resp:	109272
Ion Ratio	Lower	Upper	
107	100		
108	84.9	65.6	105.6
77	40.4	20.1	60.1
79	28.1	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

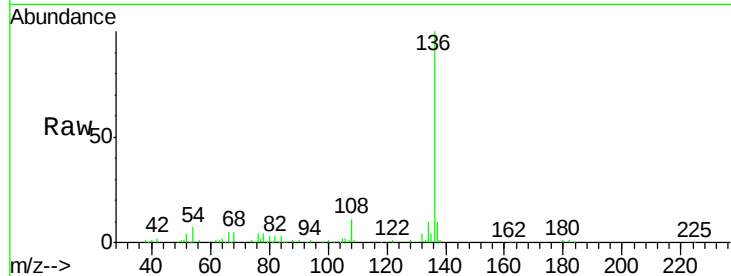
ClientSampleId :

ICVBF080316

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		180634		
137	10.5		8.8	13.2	
54	7.3		5.9	8.9	
68	5.3		4.5	6.7	

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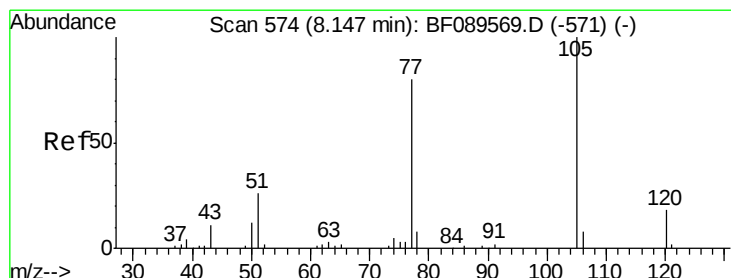
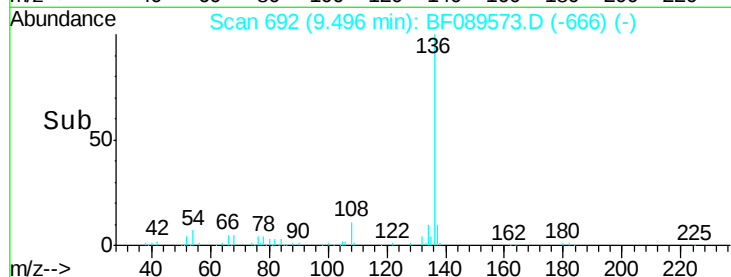
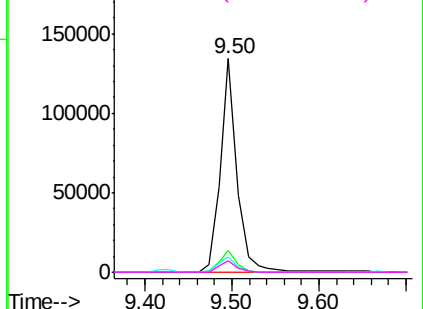
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.03 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		150198		
71	0.0		0.0	0.0	
51	26.3		21.1	31.7	
120	18.4		14.7	22.1	

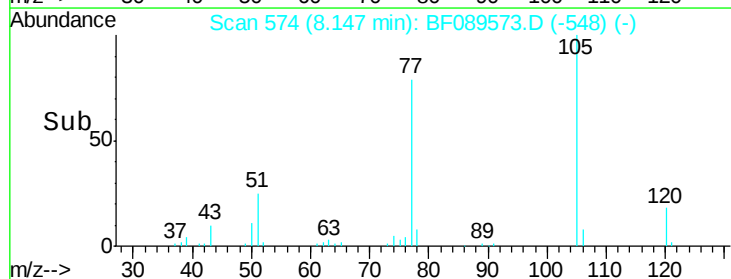
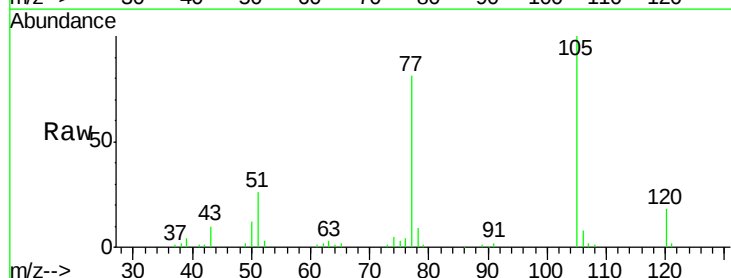
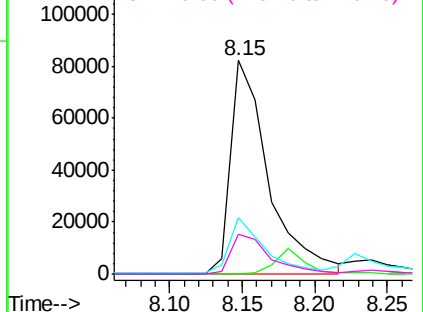
Abundance

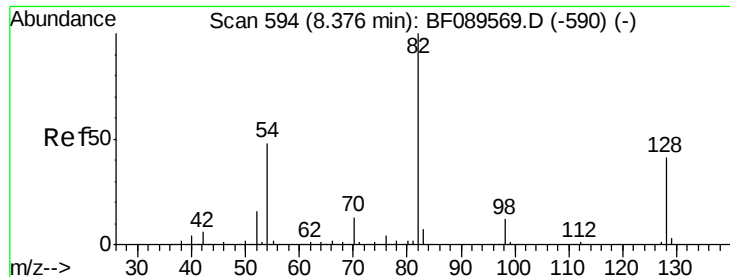
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





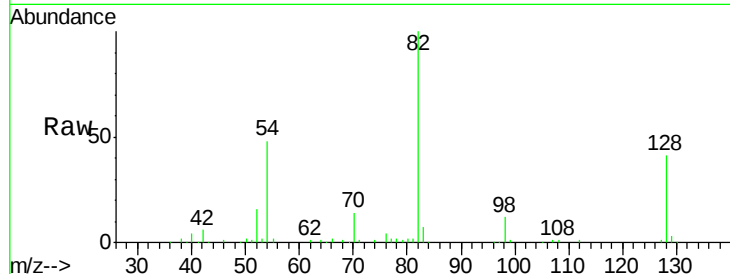
#23
 Nitrobenzene-d5
 Concen: 75.04 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

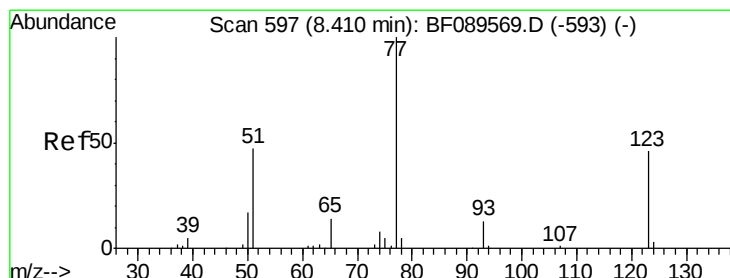
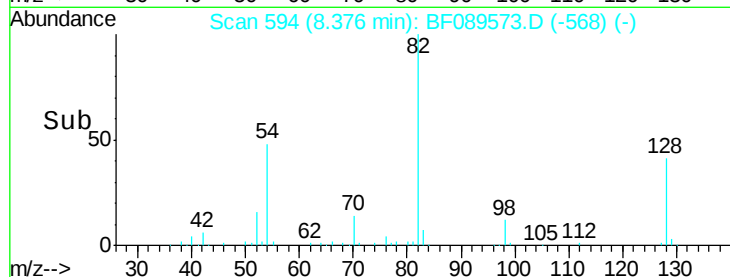
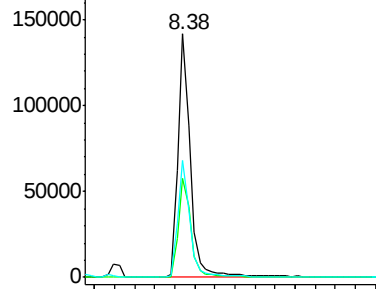
Tot Ion	Ratio	Resp	Lower	Upper
82	100	245025		
128	40.9	32.4	48.6	
54	48.0	38.6	58.0	

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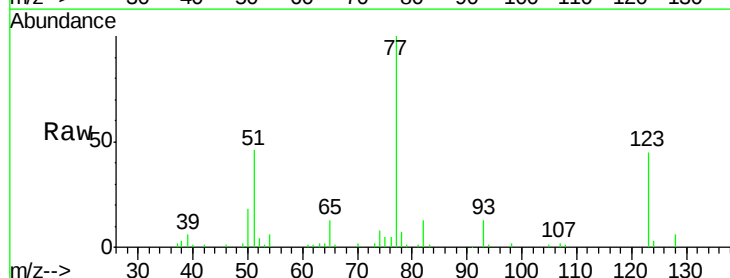


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

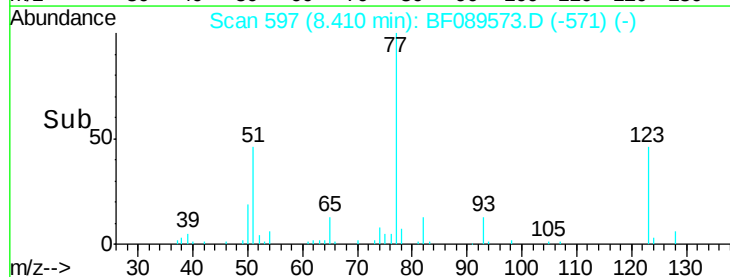
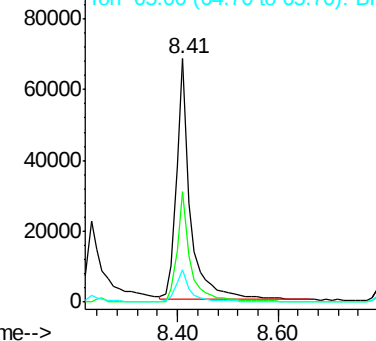


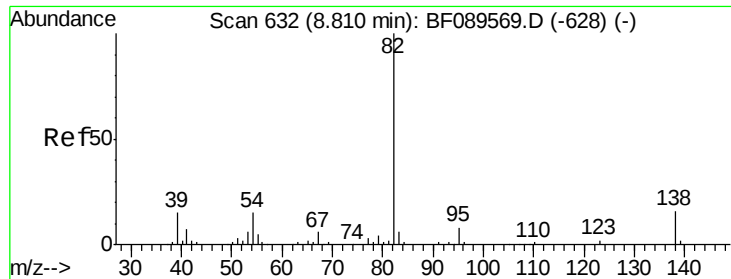
#24
 Nitrobenzene
 Concen: 39.14 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	129653		
123	45.4	36.2	54.2	
65	13.2	10.7	16.1	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.22 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

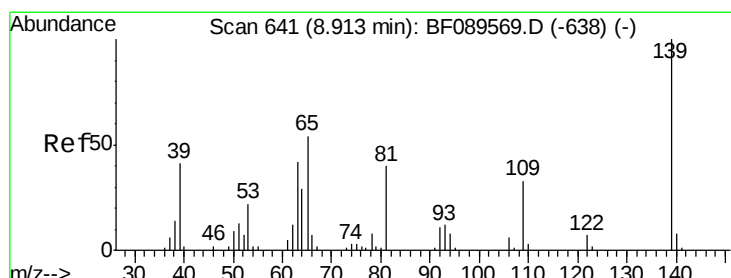
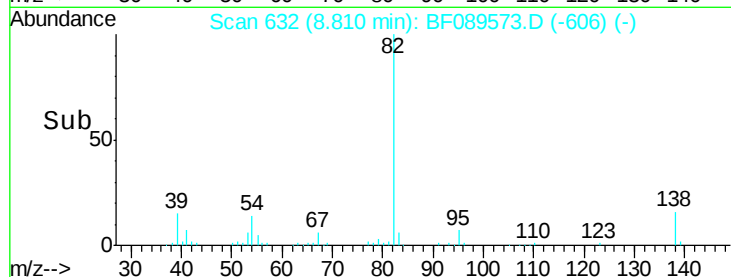
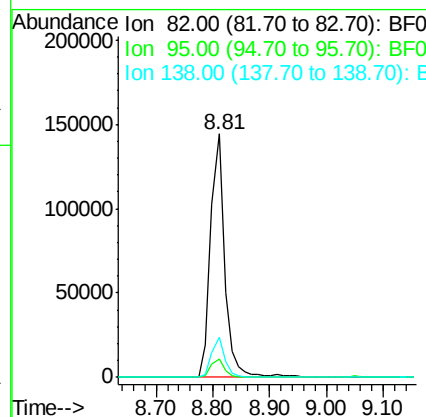
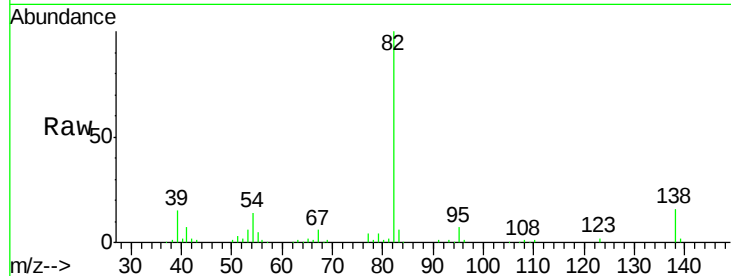
ClientSampleId :

ICVBF080316

Tot Ion:	82	Resp:	243157
Ion Ratio		Lower	Upper
82	100		
95	7.4	6.1	9.1
138	16.2	13.0	19.4

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#26

2-Nitrophenol

Concen: 39.15 ng

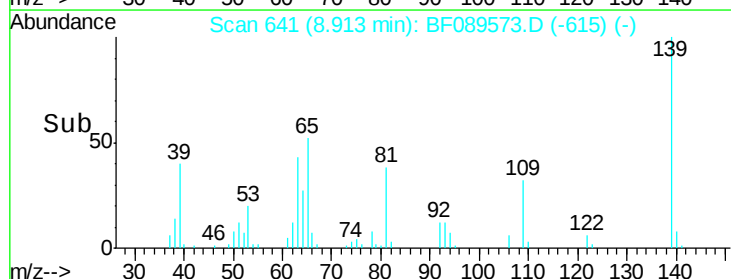
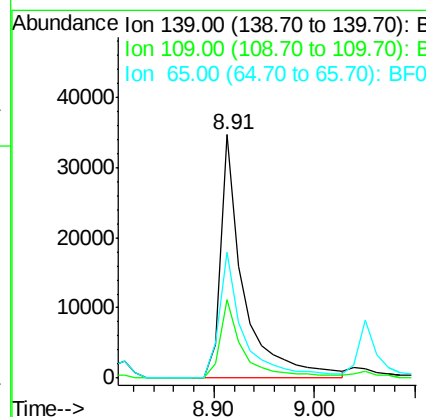
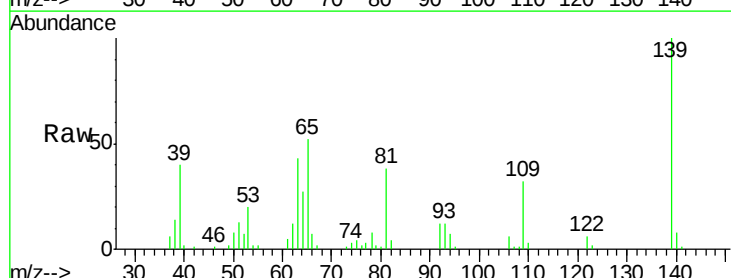
RT: 8.91 min Scan# 641

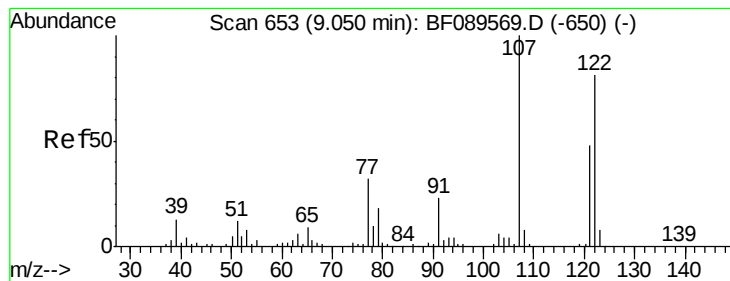
Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion:	139	Resp:	55425
Ion Ratio		Lower	Upper
139	100		
109	32.3	26.7	40.1
65	51.7	43.3	64.9





#27

2,4-Dimethylphenol

Concen: 40.49 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

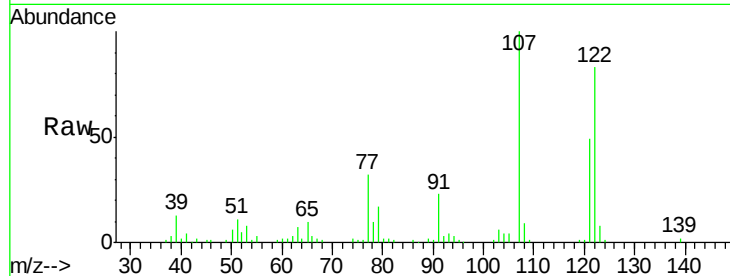
ClientSampleId :

ICVBF080316

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		102700		
107	121.0	99.3	148.9		
121	59.7	47.8	71.8		

Manual Integrations
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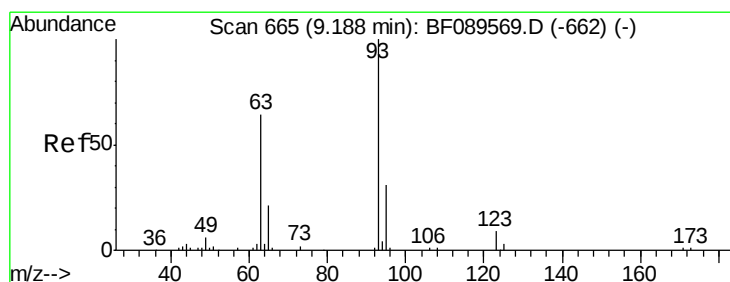
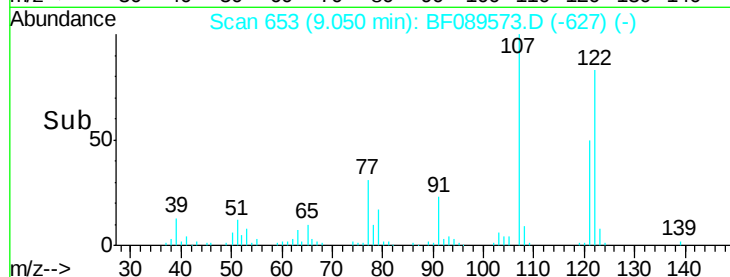
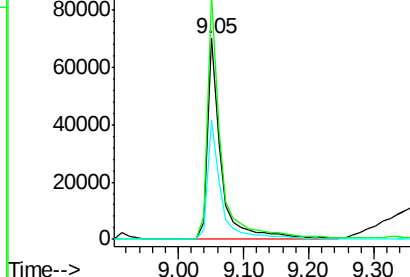
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.63 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF089573.D

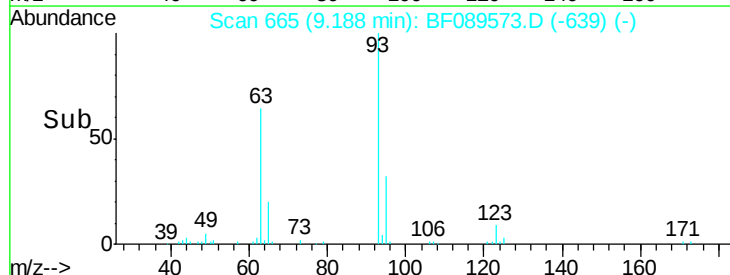
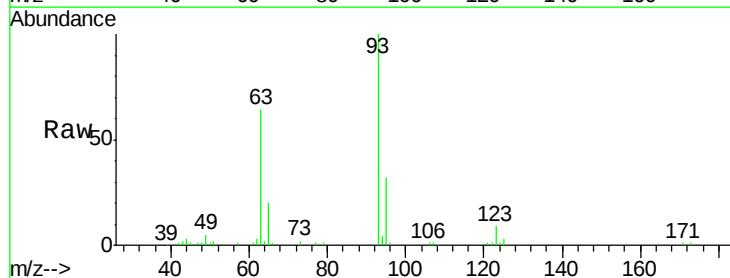
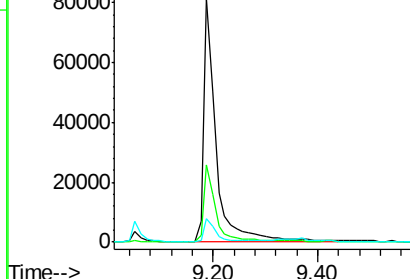
Acq: 3 Aug 2016 22:42

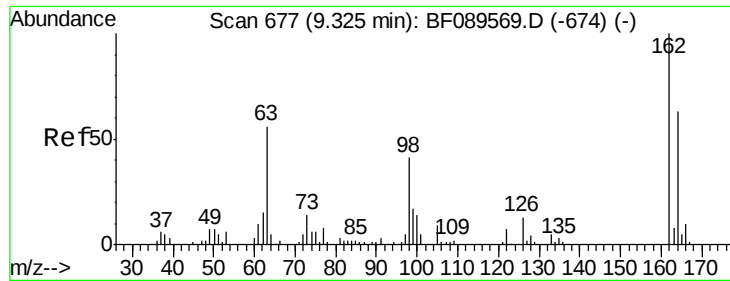
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		136035		
95	31.8	25.0	37.6		
123	9.4	7.4	11.2		

Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





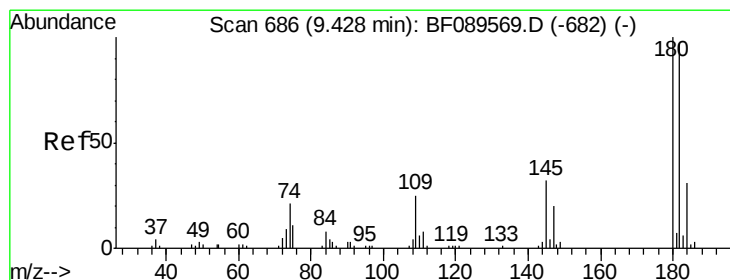
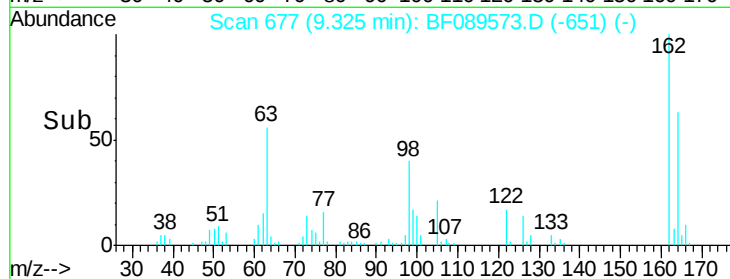
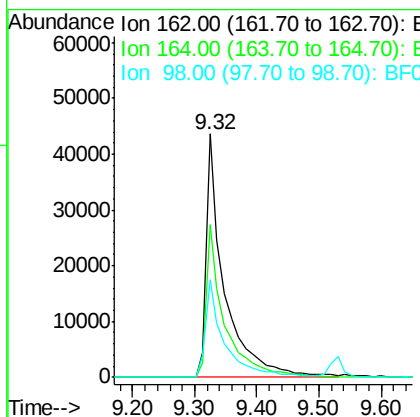
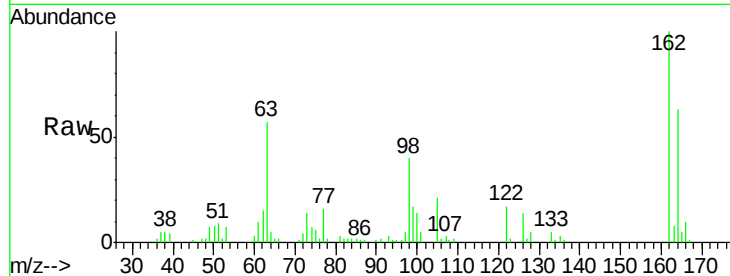
#29
 2,4-Dichlorophenol
 Concen: 36.92 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

Tot Ion:	162	Resp:	88100
Ion Ratio	Lower	Upper	
162	100		
164	62.6	43.1	83.1
98	39.9	20.7	60.7

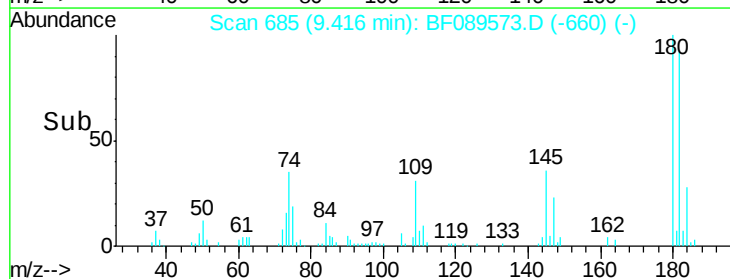
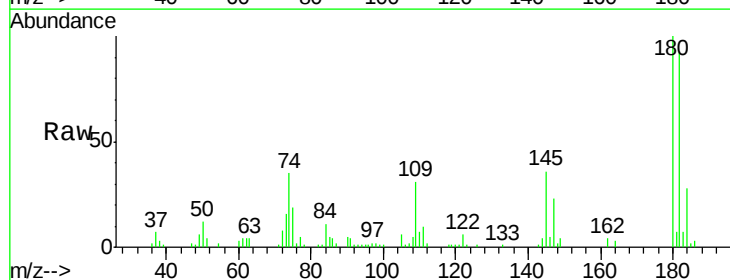
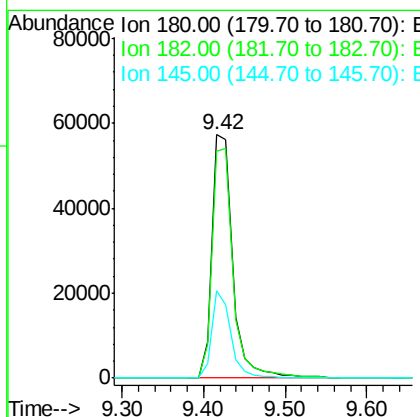
Manual Integrations
 APPROVED

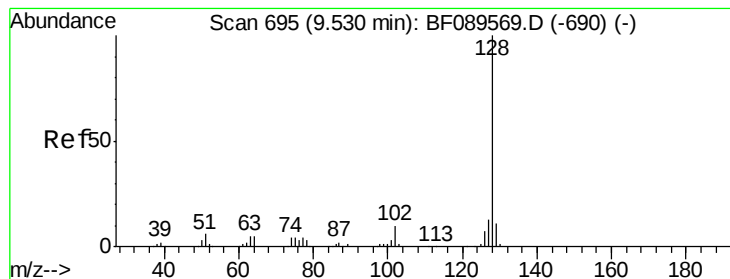
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.38 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:	180	Resp:	101931
Ion Ratio	Lower	Upper	
180	100		
182	93.1	77.2	115.8
145	35.8	25.3	37.9





#31

Naphthalene

Concen: 36.63 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

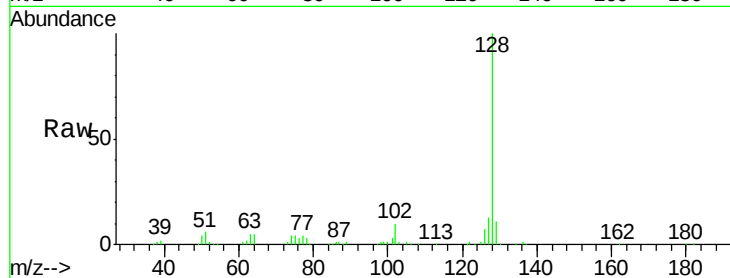
ClientSampleId :

ICVBF080316

Tot Ion:	128	Resp:	351777
Ion Ratio		Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.4	10.8	16.2

Manual Integrations
APPROVED

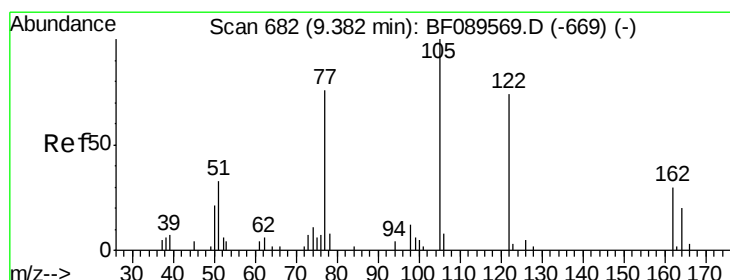
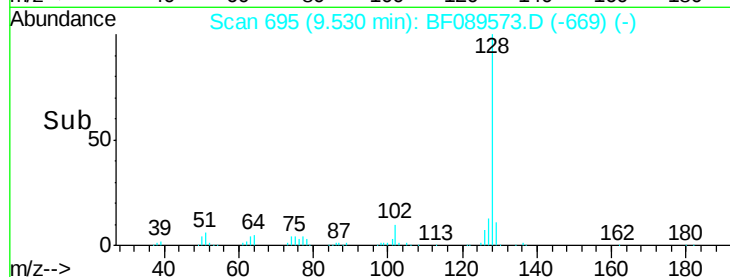
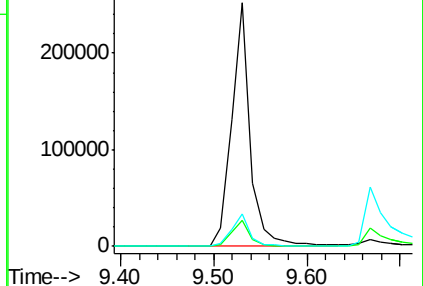
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.45 ng

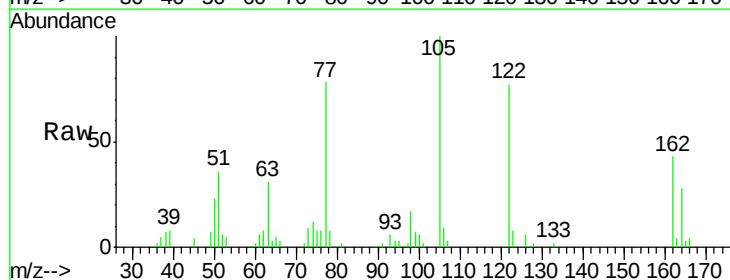
RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

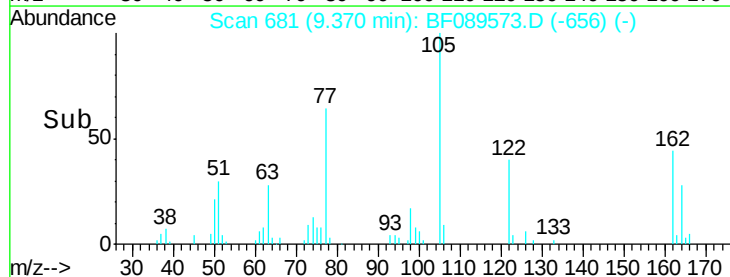
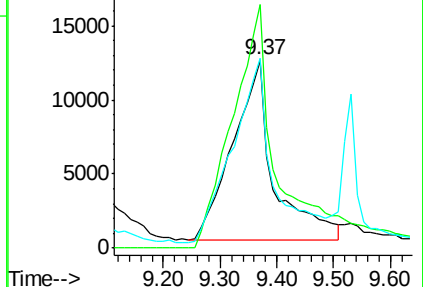
Tgt Ion:	122	Resp:	61406
Ion Ratio		Lower	Upper
122	100		
105	129.7	109.8	149.8
77	100.9	81.8	121.8

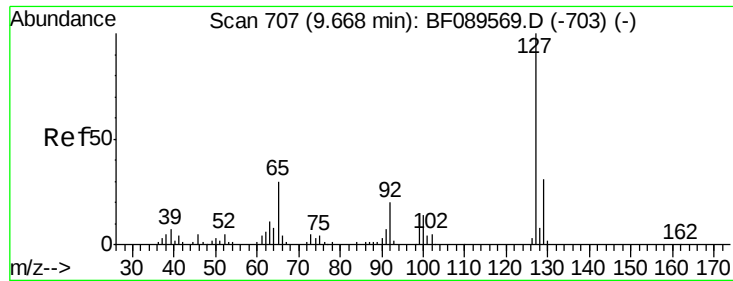


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





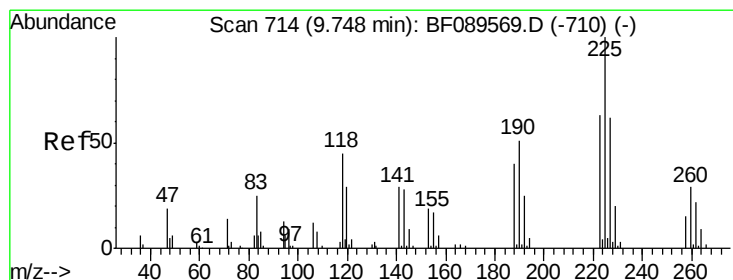
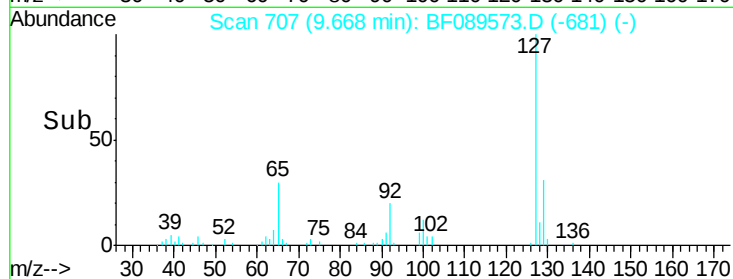
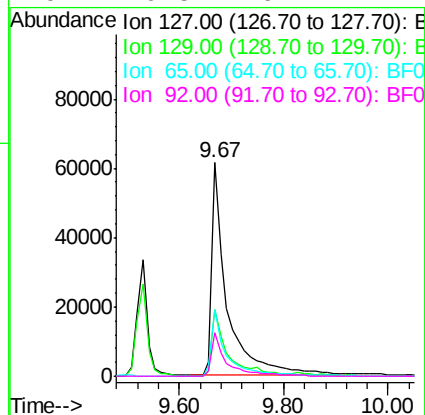
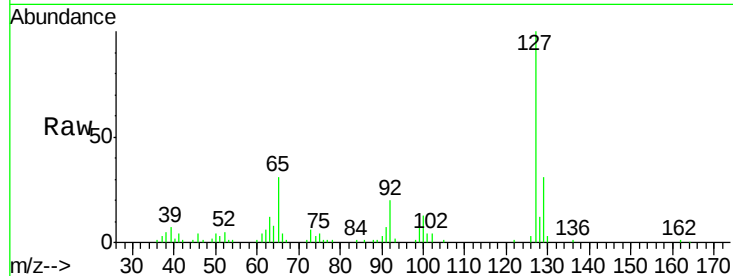
#33
4-Chloroaniline
Concen: 33.37 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	25.0	37.4		
65	31.3	24.3	36.5		
92	20.5	16.2	24.4		

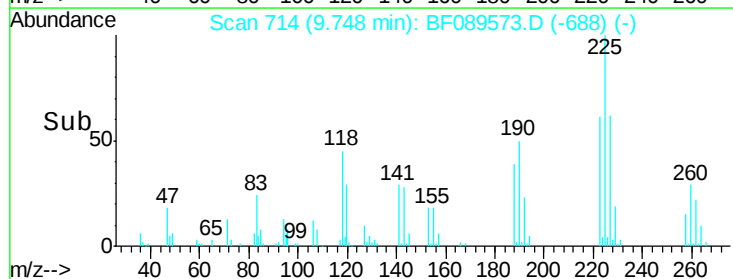
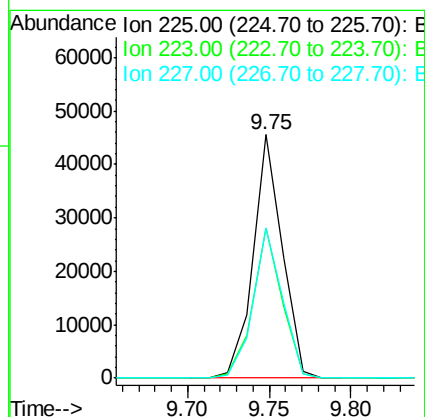
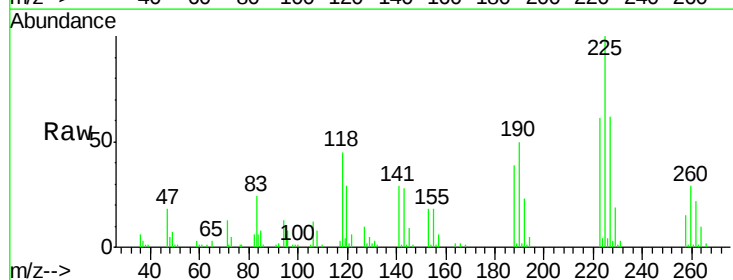
Manual Integrations
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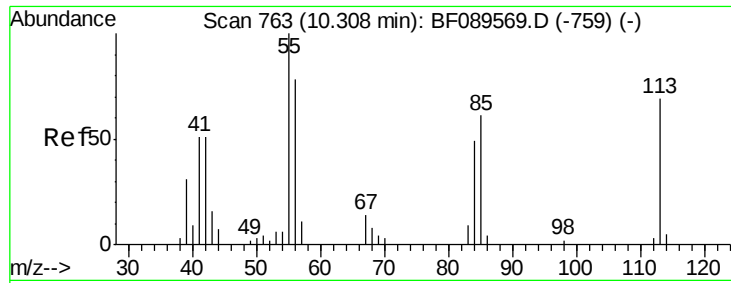
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#34
Hexachlorobutadiene
Concen: 35.63 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	50.3	75.5		
227	61.9	49.6	74.4		





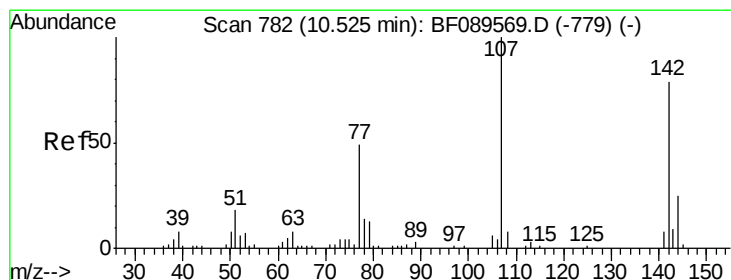
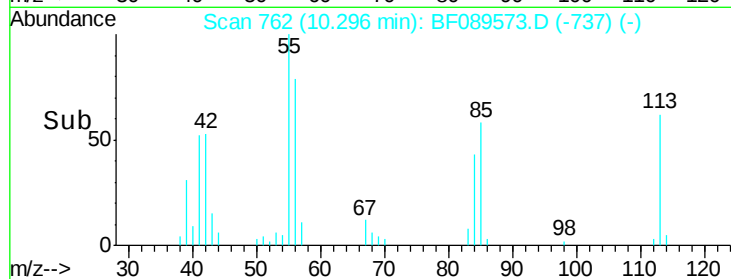
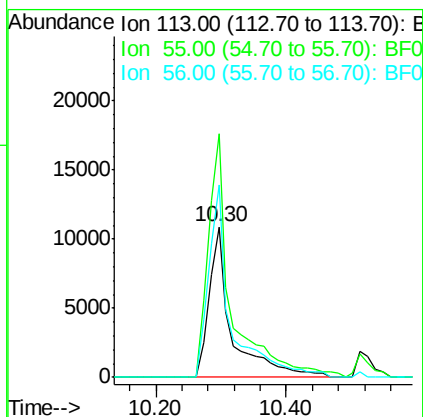
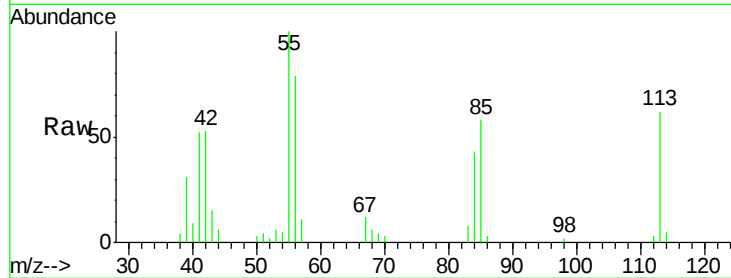
#35
Caprolactam
Concen: 37.93 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.5	124.4	164.4
56	127.3	92.2	132.2

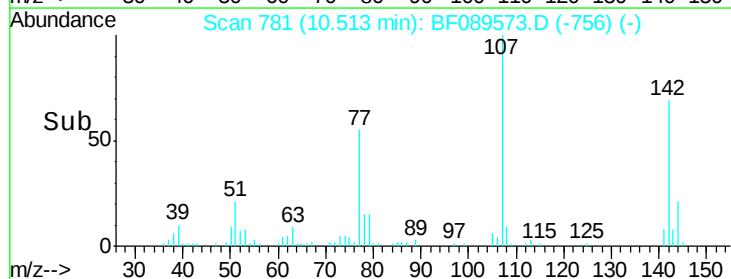
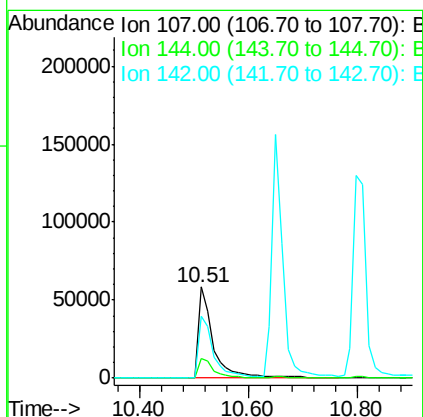
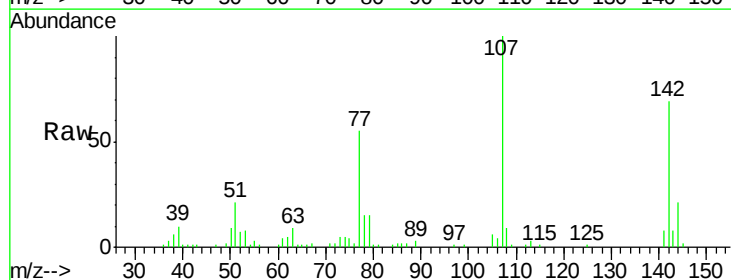
Manual Integrations
APPROVED

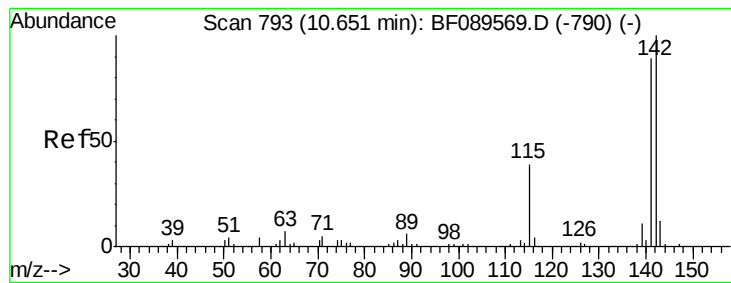
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#36
4-Chloro-3-methylphenol
Concen: 39.27 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.0	19.9	29.9
142	68.8	63.0	94.6





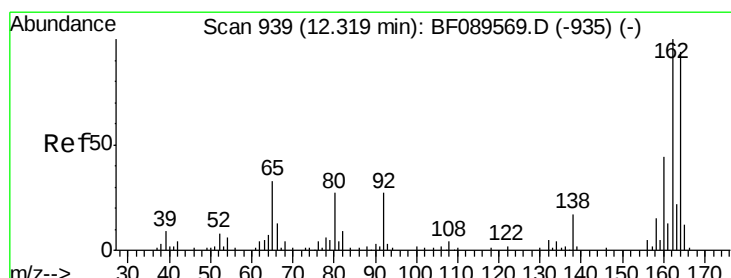
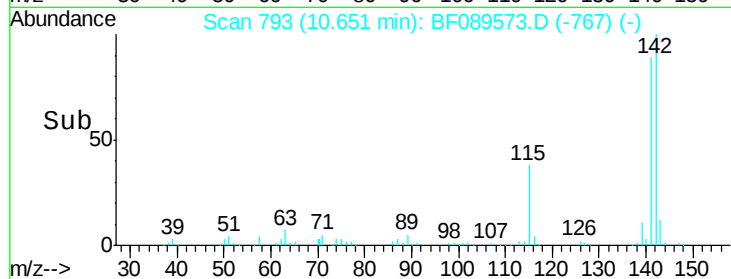
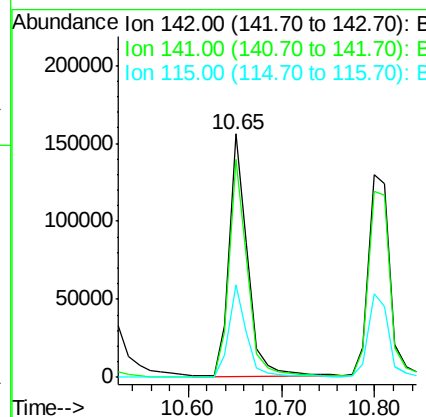
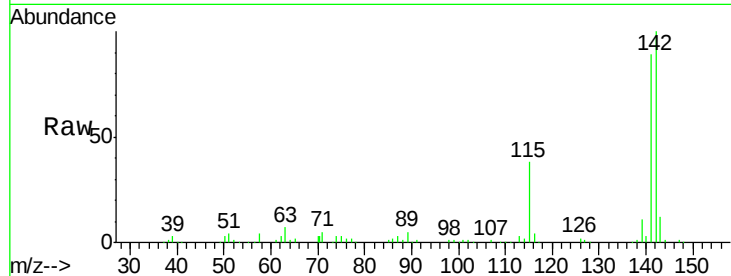
#37
 2-Methylnaphthalene
 Concen: 36.36 ng
 RT: 10.65 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.9	106.3
115	38.1	30.7	46.1

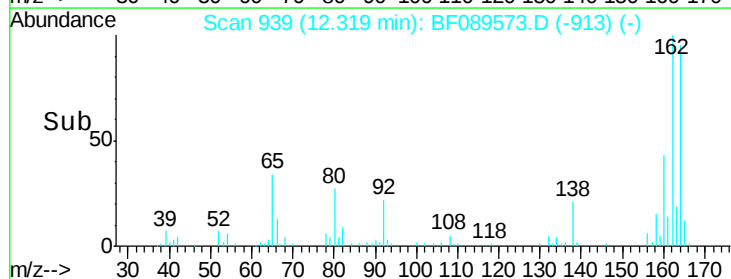
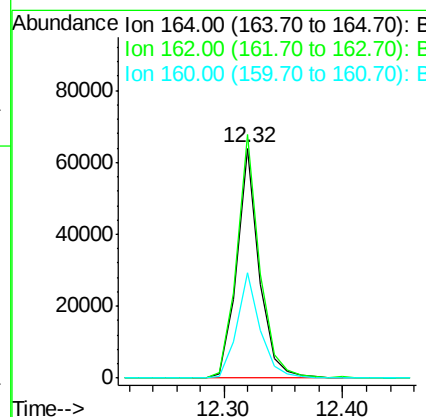
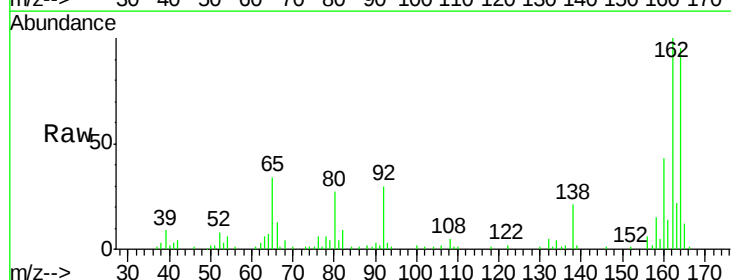
Manual Integrations
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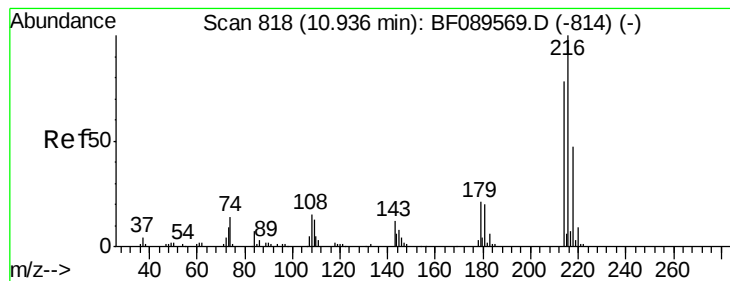
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.4	128.2
160	45.5	37.3	55.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.75 ng

RT: 10.92 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

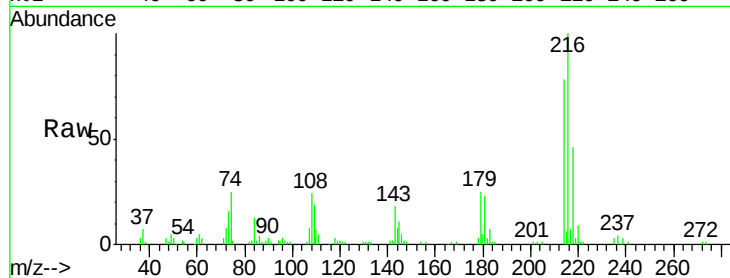
ClientSampleId :

ICVBF080316

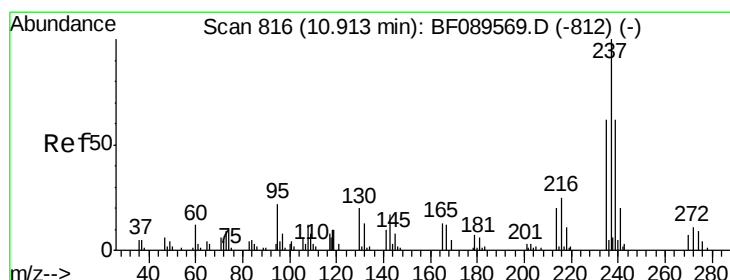
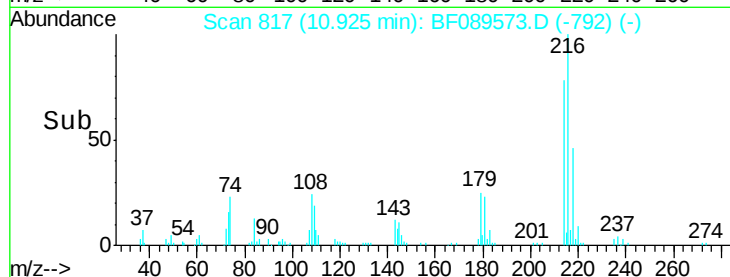
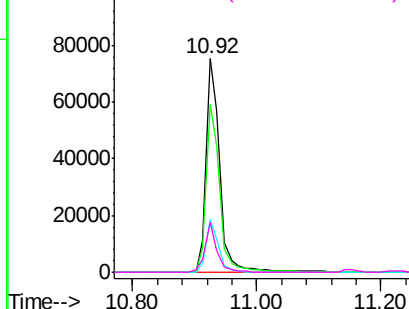
Tot Ion:	216	Resp:	115742
Ion Ratio	Lower	Upper	
216	100		
214	77.3	62.5	93.7
179	22.1	18.0	27.0
108	20.4	16.2	24.4

Manual Integrations
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 33.33 ng

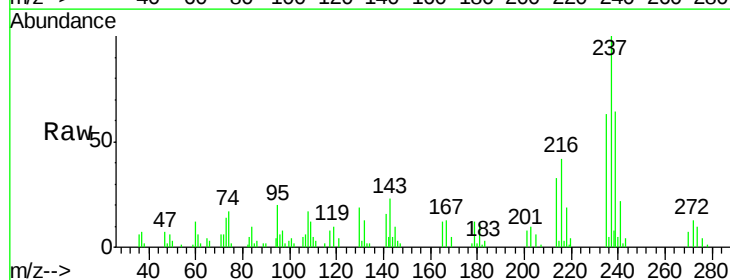
RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

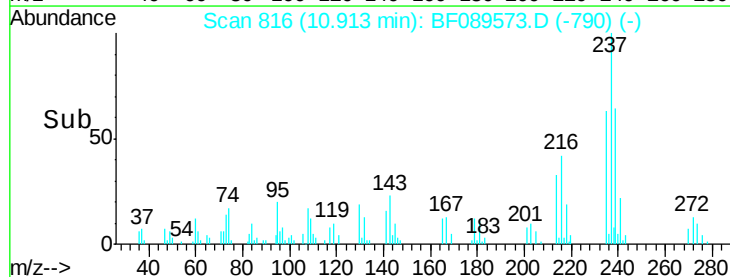
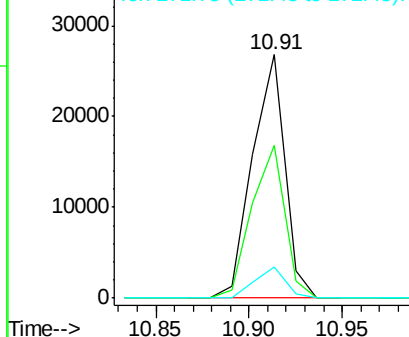
Lab File: BF089573.D

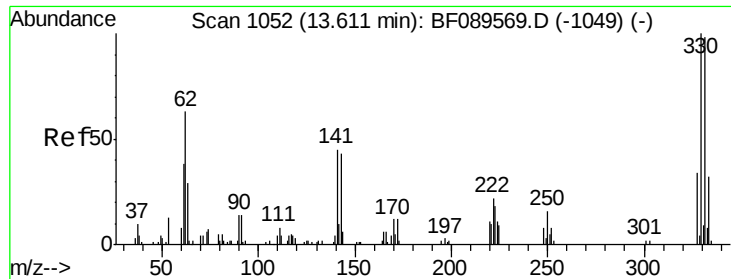
Acq: 3 Aug 2016 22:42

Tgt Ion:	237	Resp:	32262
Ion Ratio	Lower	Upper	
237	100		
235	62.6	41.5	81.5
272	12.7	0.0	31.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





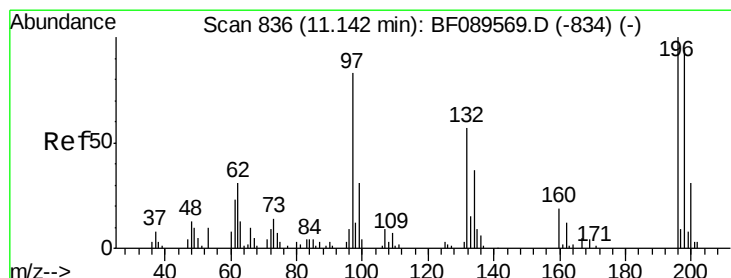
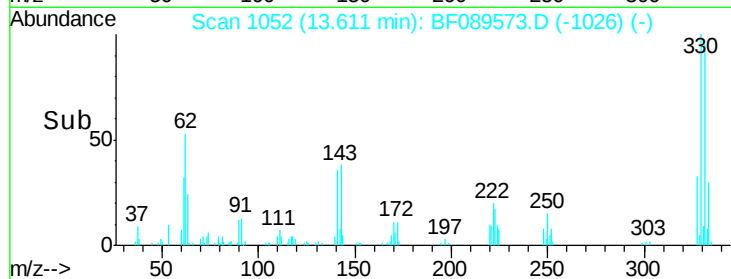
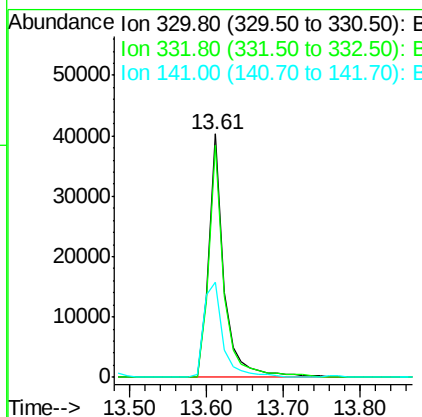
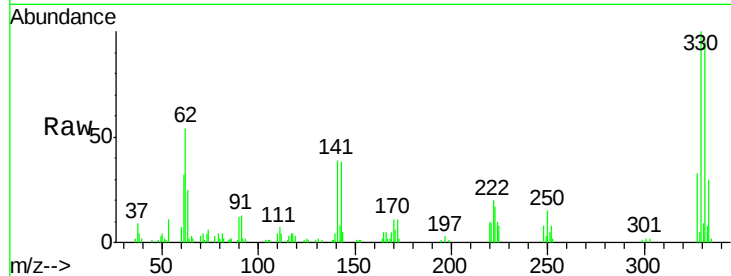
#41
 2,4,6-Tribromophenol
 Concen: 83.75 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.7	115.1
141	48.7	40.3	60.5

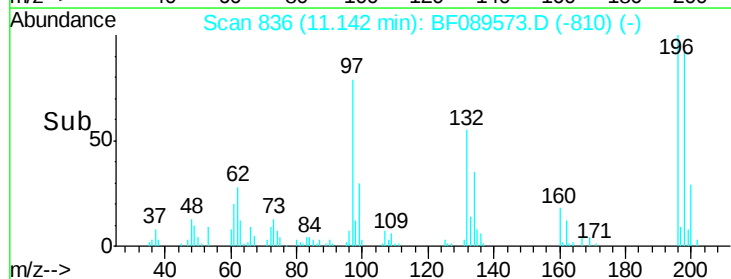
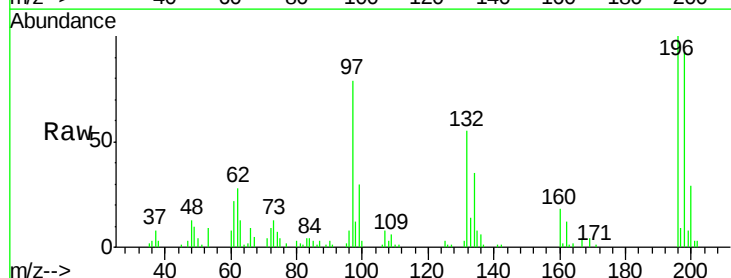
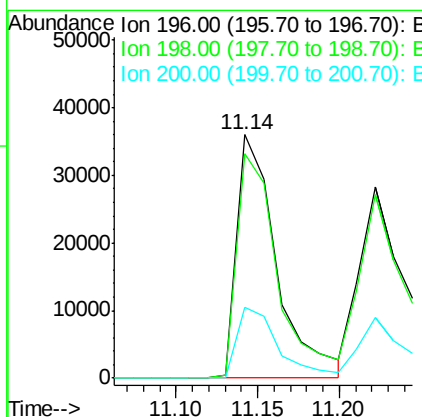
Manual Integrations
 APPROVED

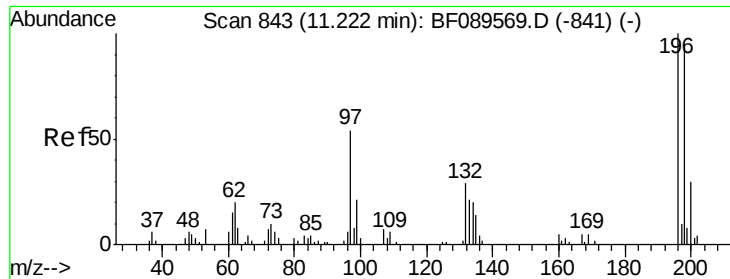
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 8/4/2016 6:11:52 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.41 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.0	75.5	113.3
200	28.9	24.9	37.3





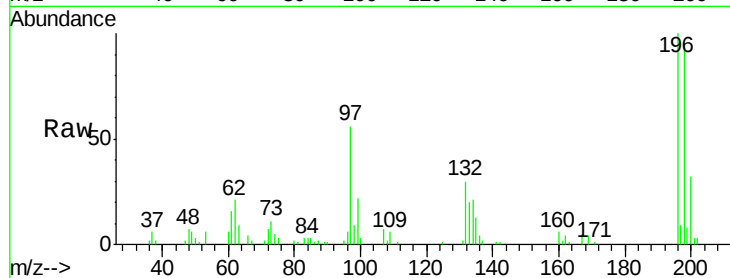
#43
 2,4,5-Trichlorophenol
 Concen: 42.04 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

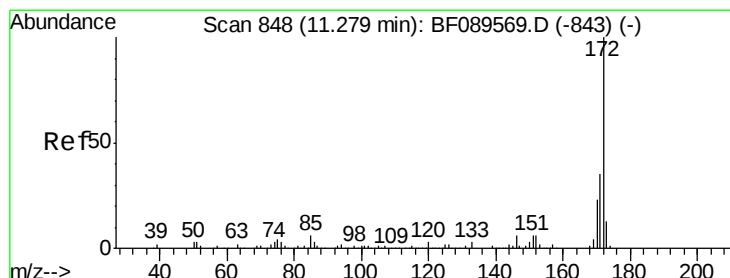
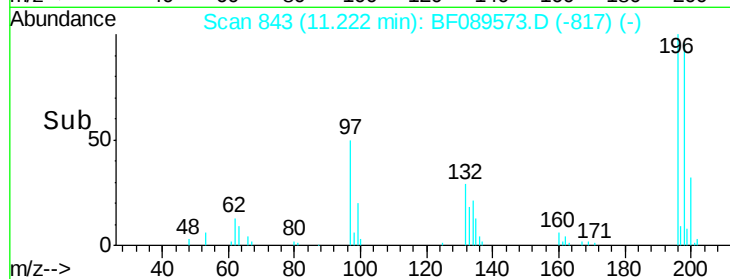
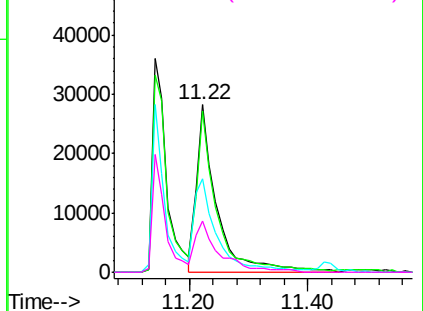
Tot Ion	196	Resp	68553
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.9	113.9
97	56.1	43.9	65.9
132	30.4	24.5	36.7

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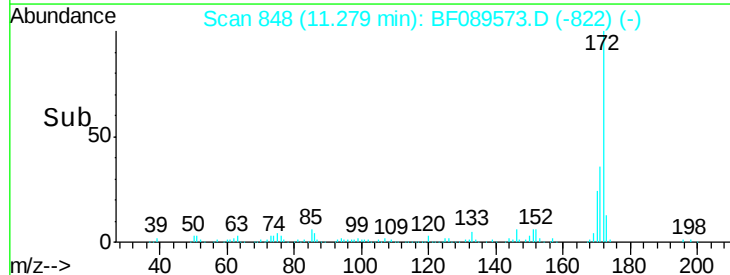
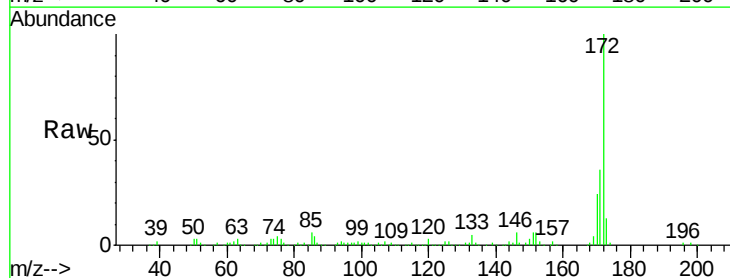
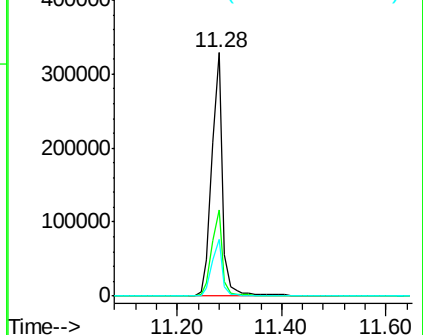
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

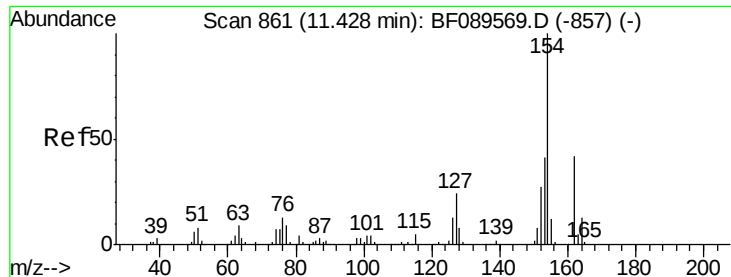


#44
 2-Fluorobiphenyl
 Concen: 74.25 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	172	Resp	477766
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.1	42.1
170	23.5	18.6	28.0

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





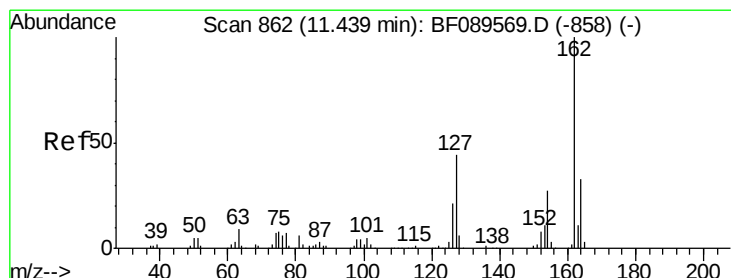
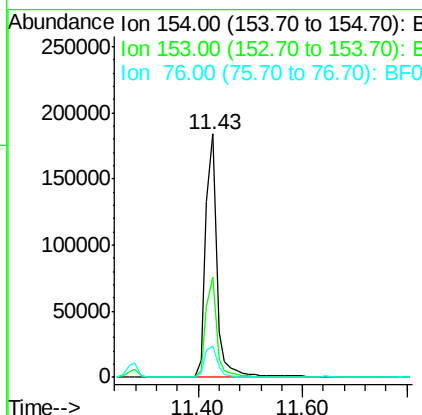
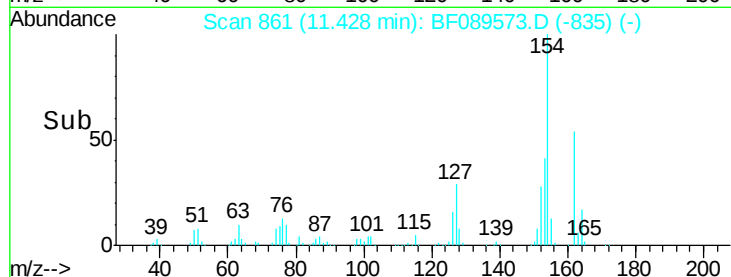
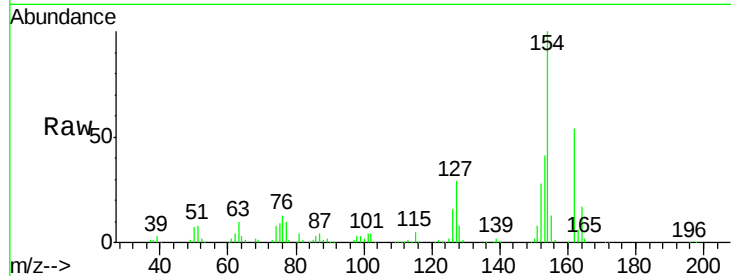
#45
 1,1'-Biphenyl
 Concen: 37.19 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.6	60.6
76	13.0	0.0	33.3

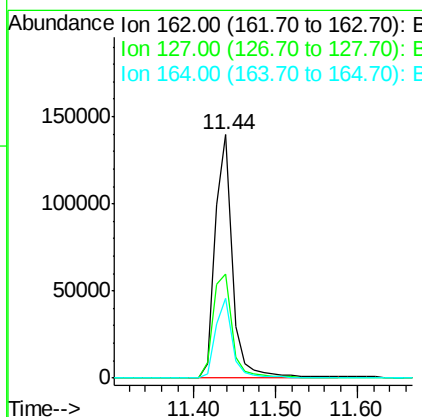
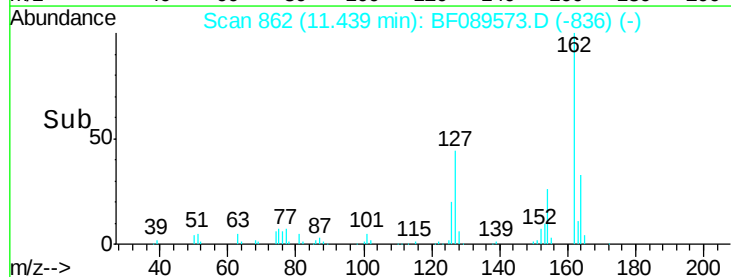
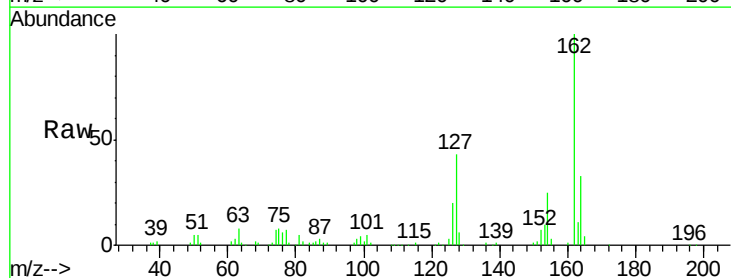
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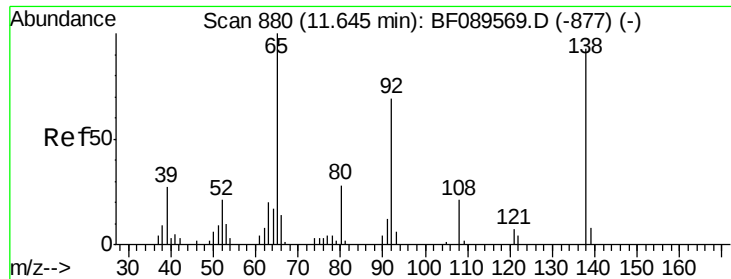
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#46
 2-Chloronaphthalene
 Concen: 36.94 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	35.0	52.4
164	32.8	26.2	39.2





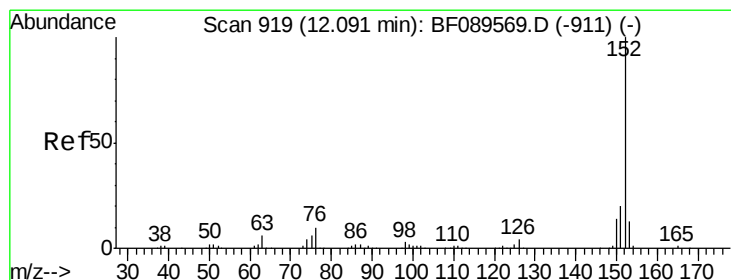
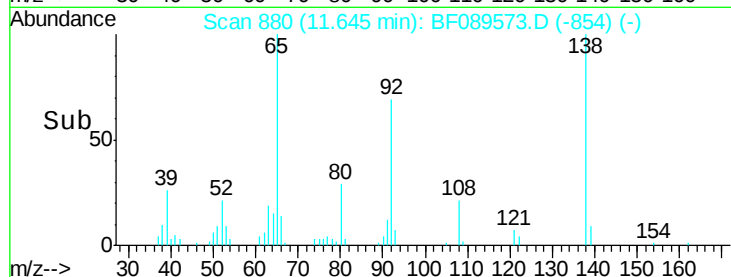
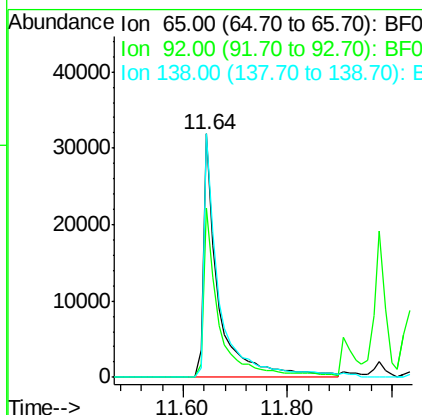
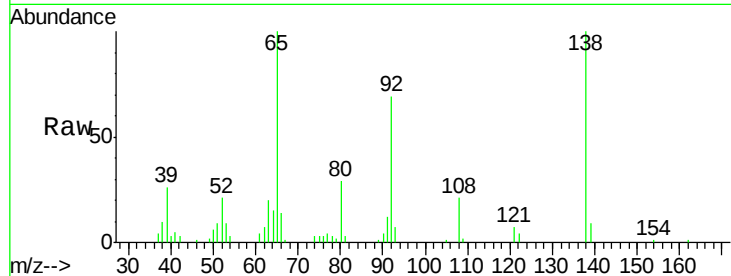
#47
2-Nitroaniline
Concen: 35.45 ng
RT: 11.64 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.4	54.9	82.3
138	99.8	74.0	111.0

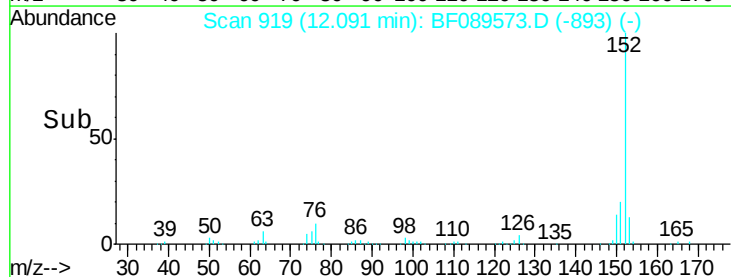
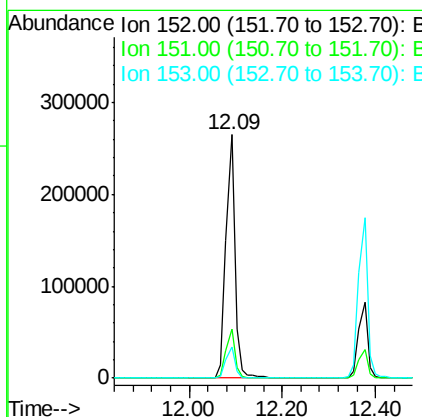
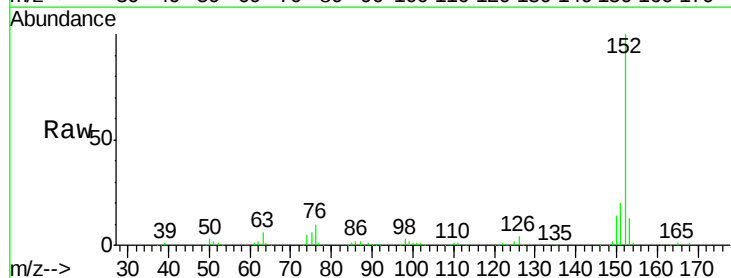
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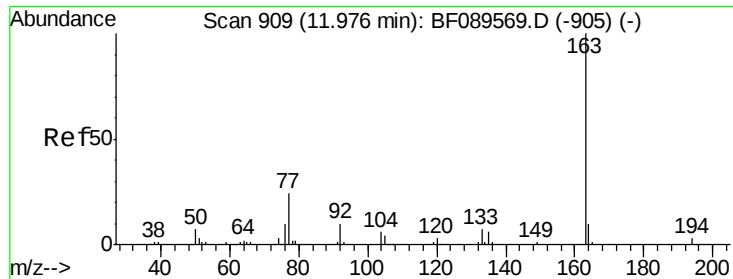
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#48
Acenaphthylene
Concen: 37.77 ng
RT: 12.09 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.0	10.6	15.8





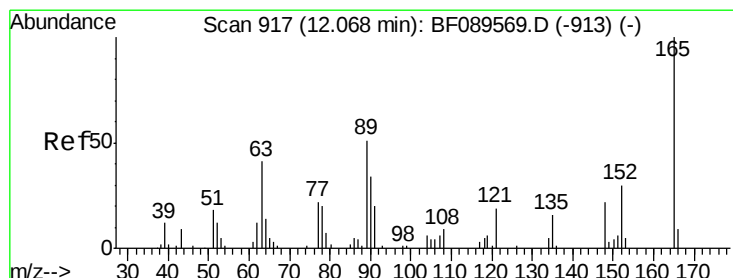
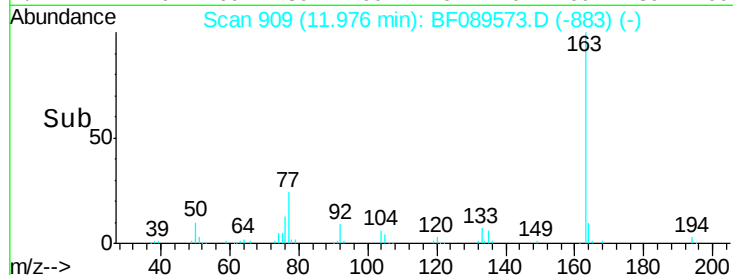
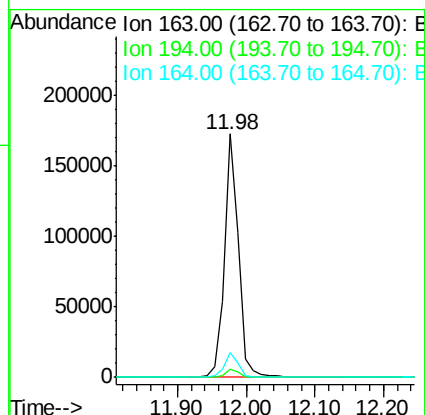
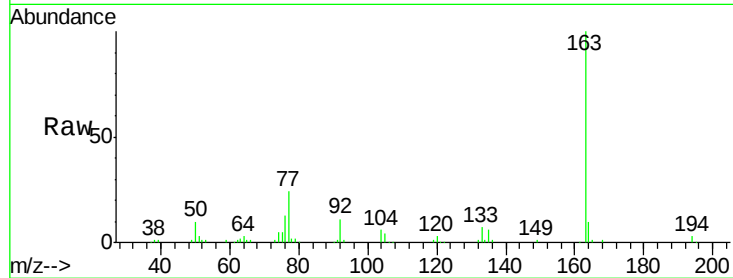
#49
Dimethylphthalate
Concen: 38.95 ng
RT: 11.98 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	163	Resp	249389
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.4	3.6
164	10.0	8.2	12.4

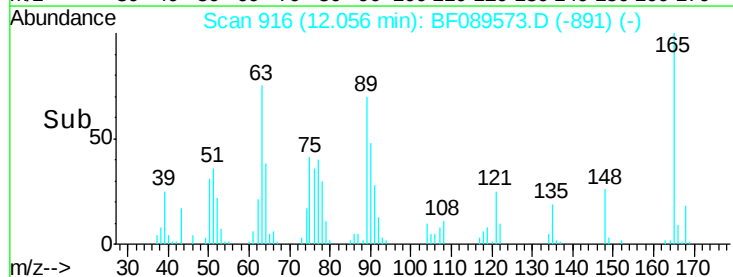
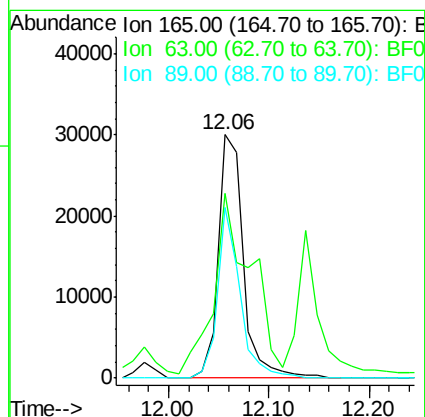
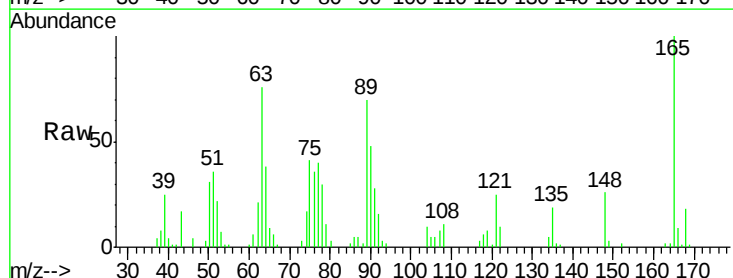
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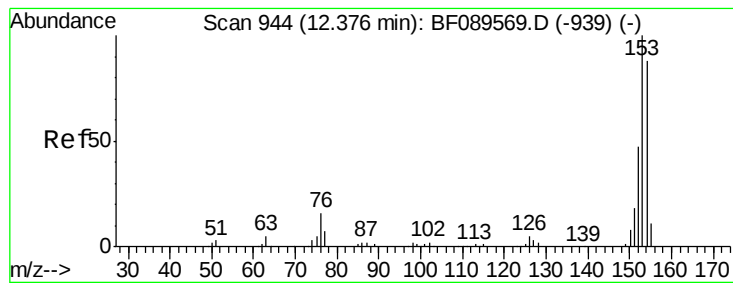
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#50
2,6-Dinitrotoluene
Concen: 40.63 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	165	Resp	52044
Ion Ratio	Lower	Upper	
165	100		
63	76.1	40.2	60.4#
89	70.2	40.6	61.0#





#51

Acenaphthene

Concen: 37.80 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

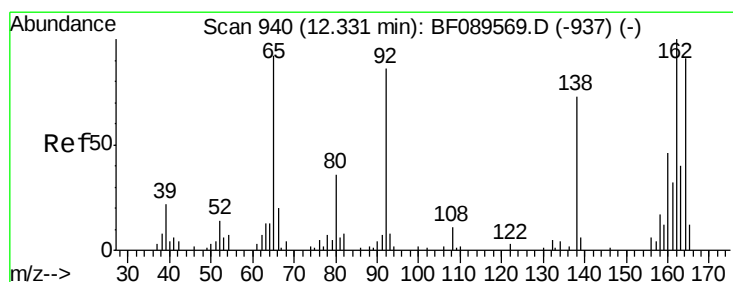
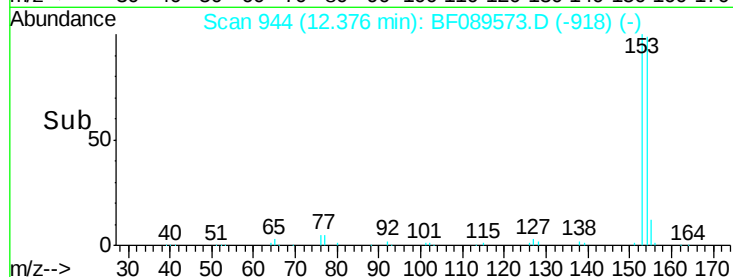
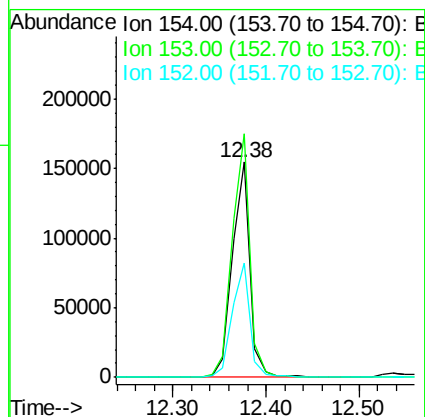
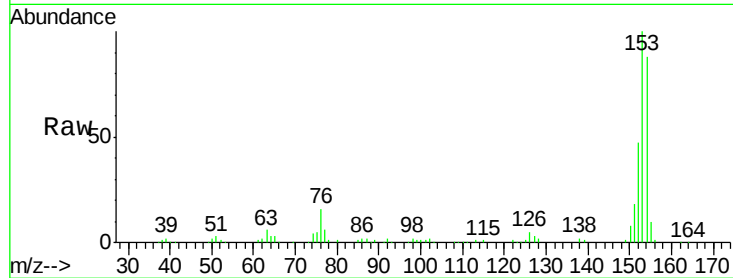
ClientSampleId :

ICVBF080316

Tot Ion:	154	Resp:	204280
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.2	136.8
152	53.2	43.1	64.7

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#52

3-Nitroaniline

Concen: 36.15 ng

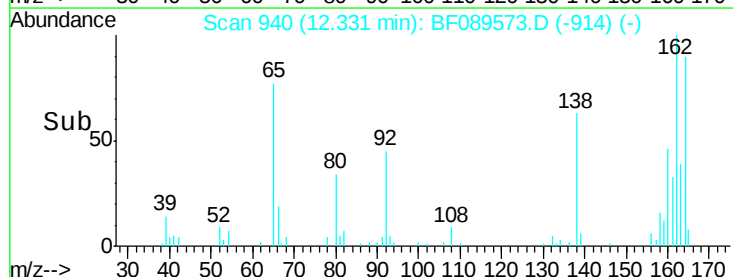
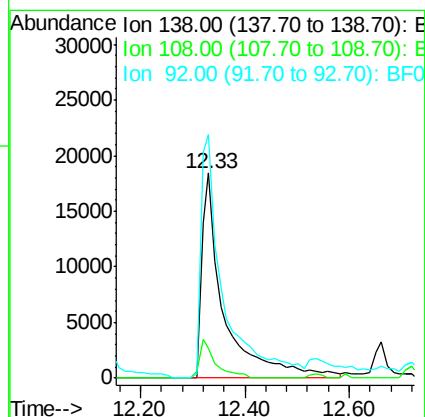
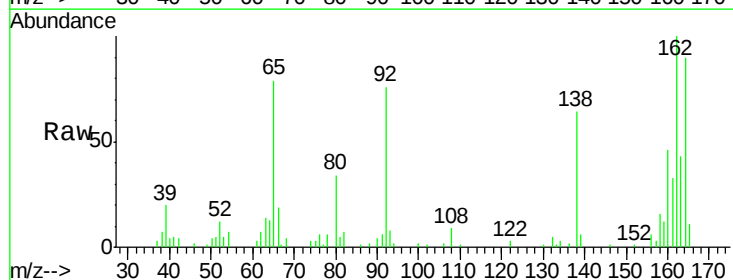
RT: 12.33 min Scan# 940

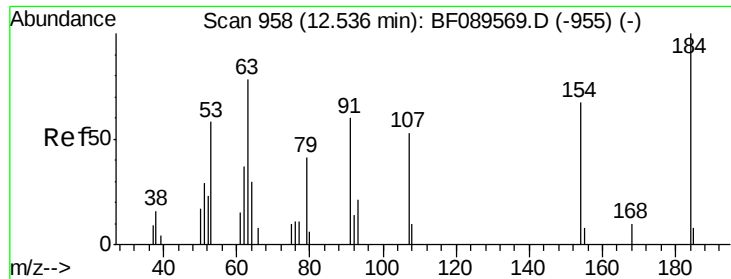
Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion:	138	Resp:	54592
Ion Ratio	Lower	Upper	
138	100		
108	14.3	11.6	17.4
92	118.7	94.6	141.8





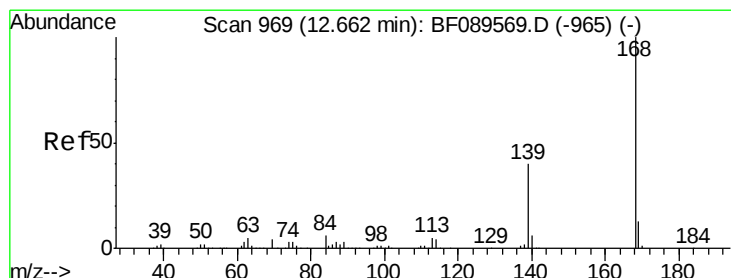
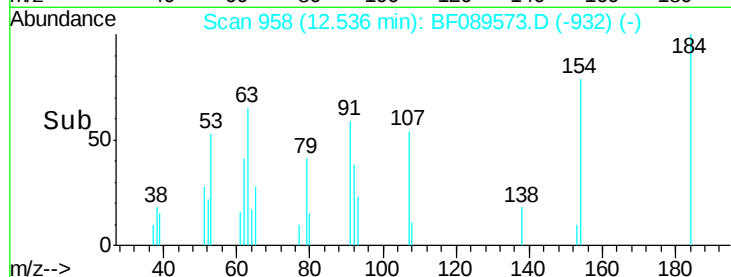
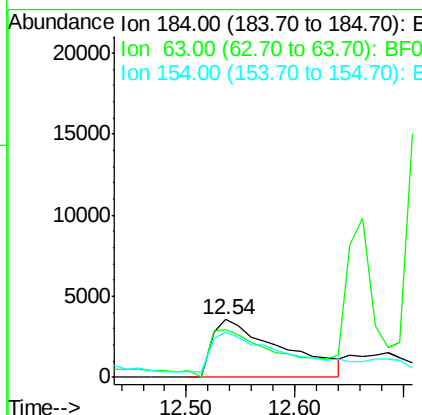
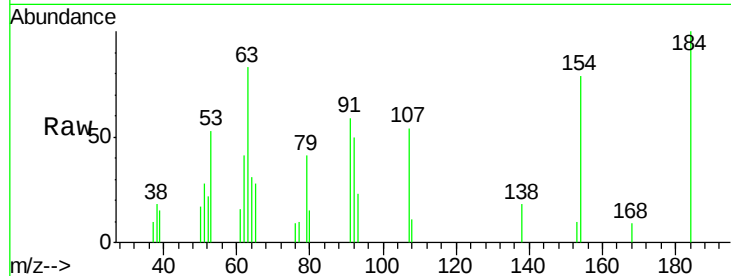
#53
 2,4-Dinitrophenol
 Concen: 37.46 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

Tot Ion	Ratio	Resp	Lower	Upper
184	100	15910		
63	82.9	69.5	104.3	
154	79.0	61.8	92.6	

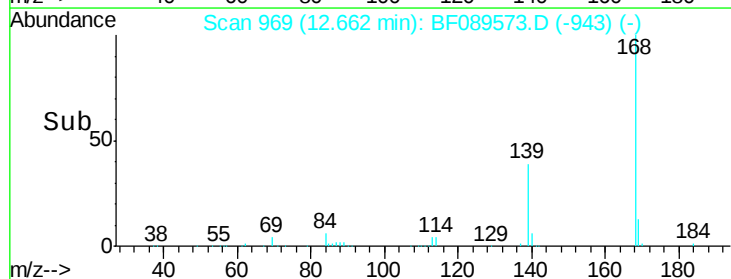
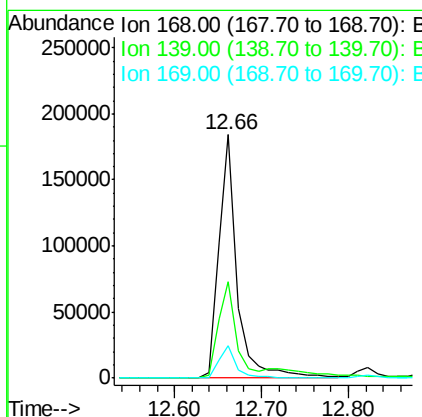
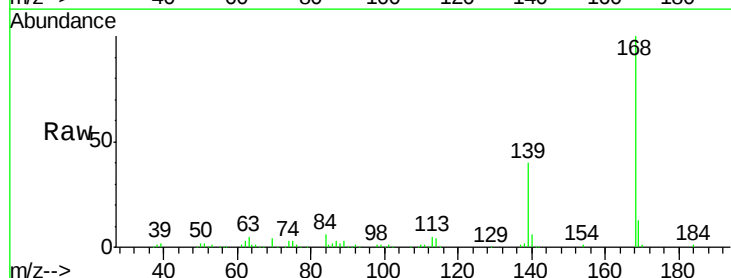
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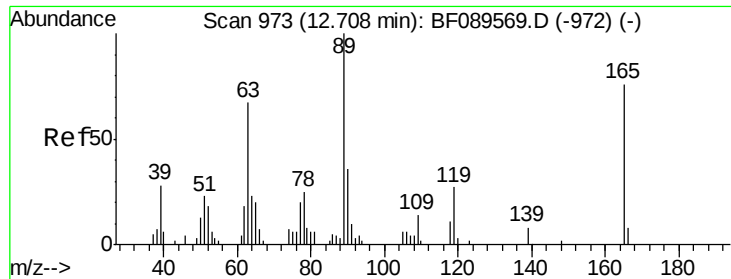
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#54
 Dibenzofuran
 Concen: 36.96 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	271817		
139	39.7	31.8	47.8	
169	13.3	10.6	16.0	





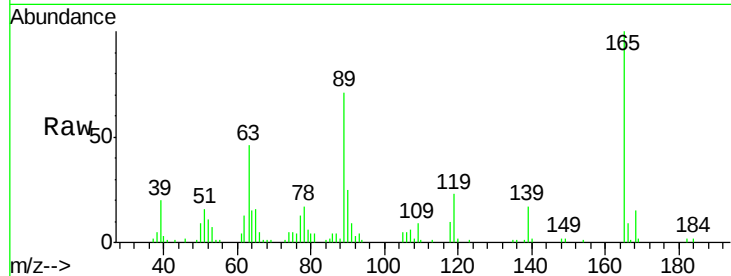
#55
4-Nitrophenol
Concen: 36.42 ng/ml
RT: 12.72 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	53.1	35.2	75.2	
65	93.4	66.4	106.4	

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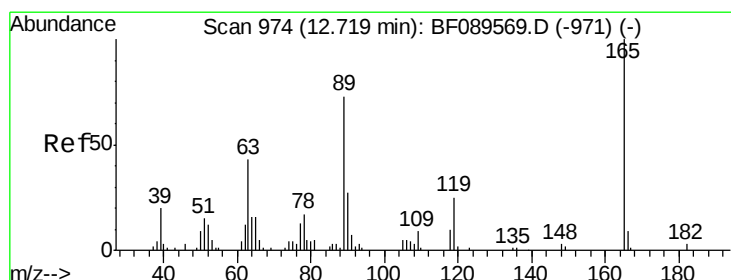
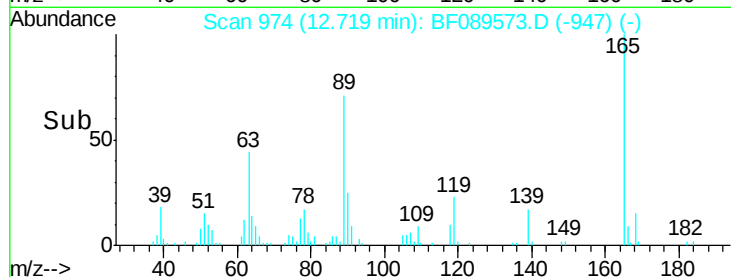
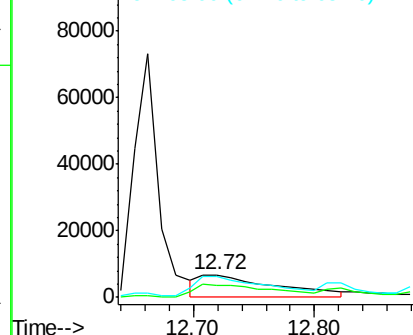


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 40.23 ng/ml
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.0	38.2	57.2	
89	71.5	59.8	89.6	
182	2.4	2.0	3.0	

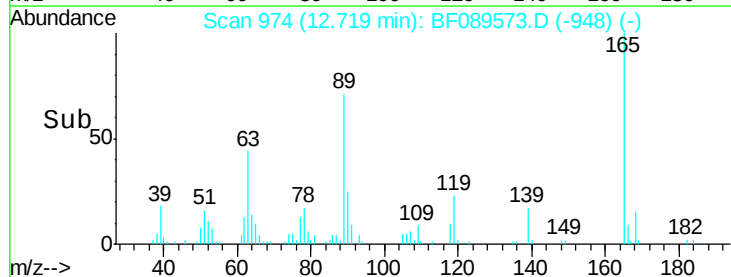
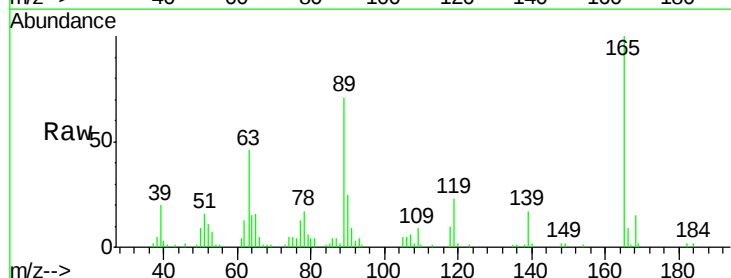
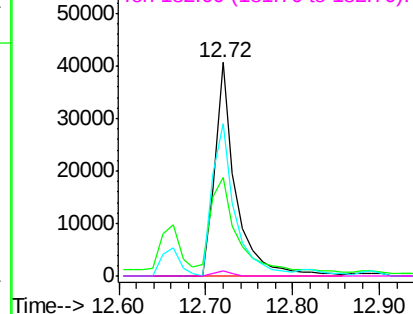
Abundance

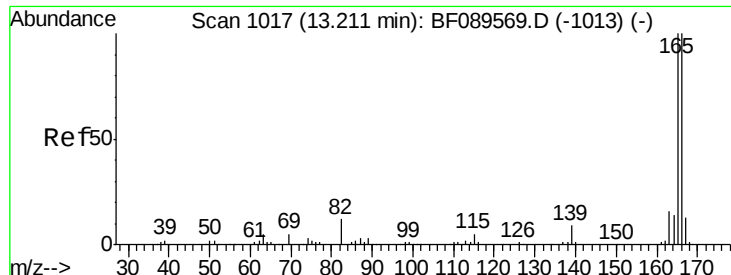
Ion 165.00 (164.70 to 165.70): E

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





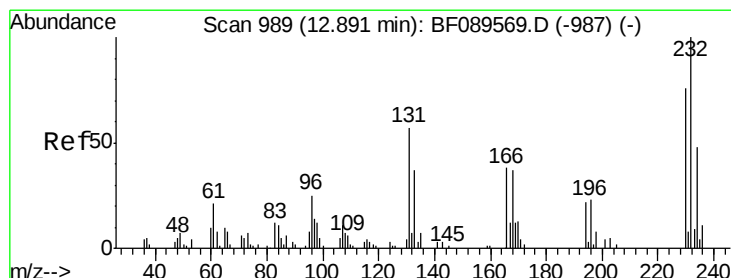
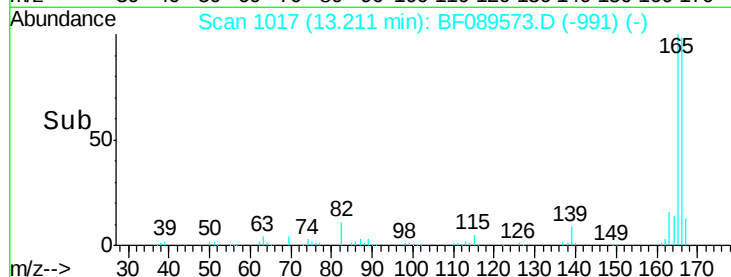
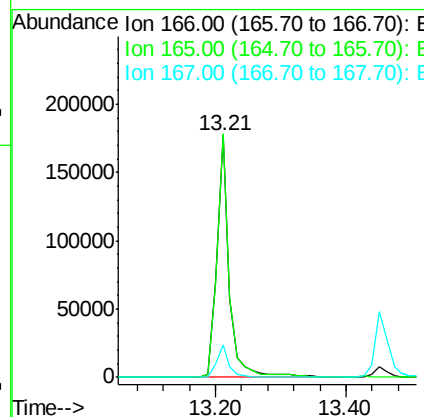
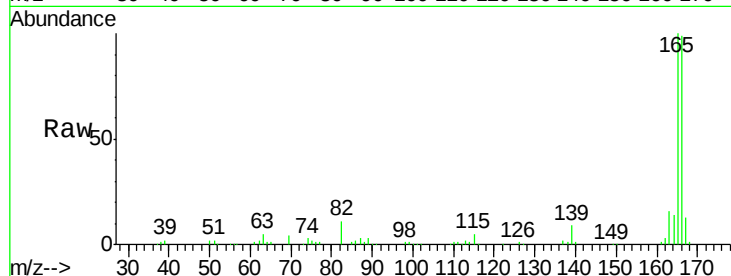
#57
Fluorene
 Concen: 38.28 ng
 RT: 13.21 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.2	120.2
167	13.3	10.4	15.6

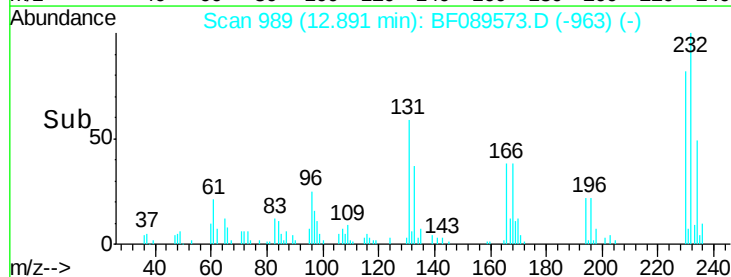
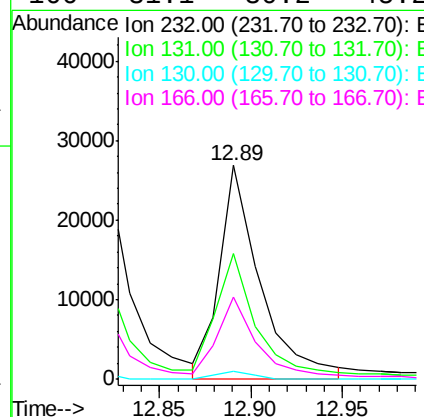
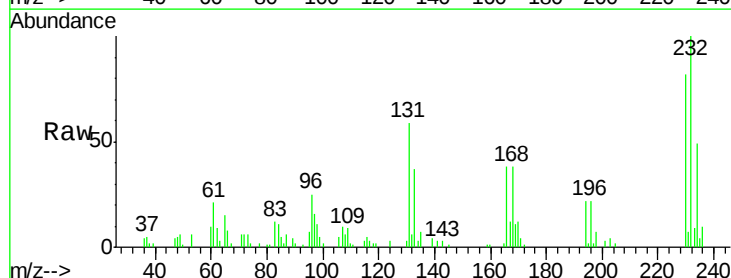
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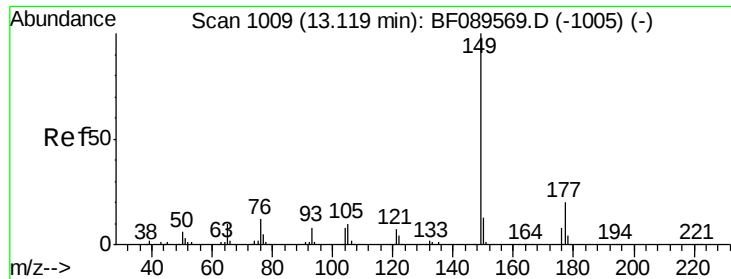
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.89 ng m
 RT: 12.89 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.4	47.9	71.9
130	1.9	1.7	2.5
166	31.1	30.2	45.2





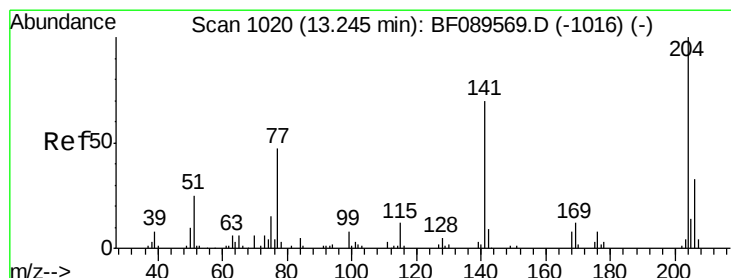
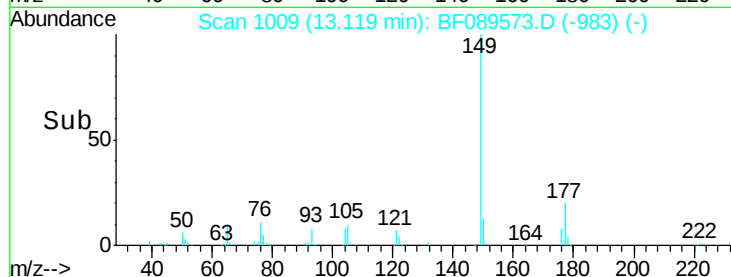
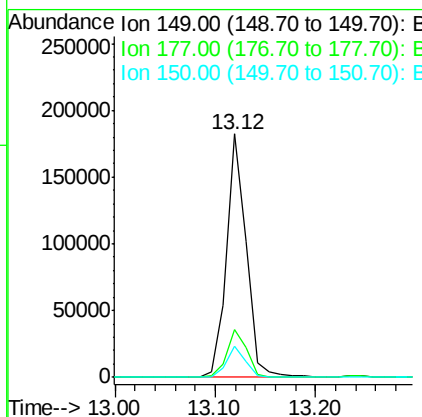
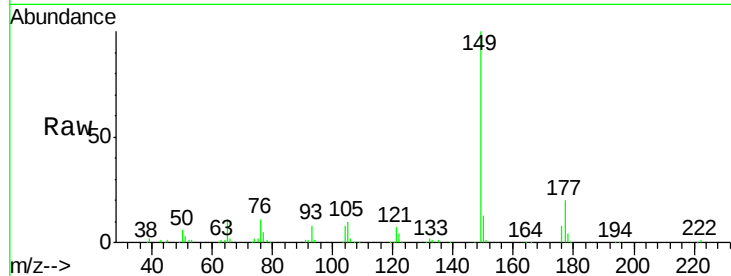
#59
Diethylphthalate
Concen: 38.52 ng
RT: 13.12 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ratio	Resp	Lower	Upper
149	100	249878		
177	19.8	15.8	23.8	
150	12.6	10.1	15.1	

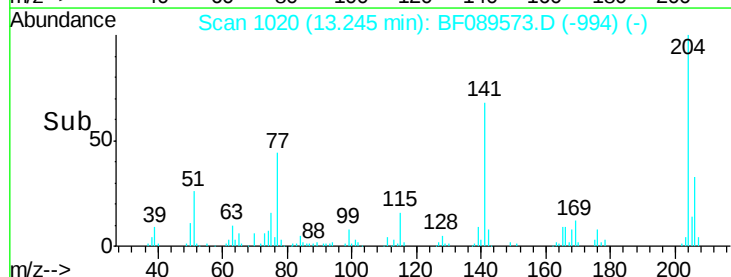
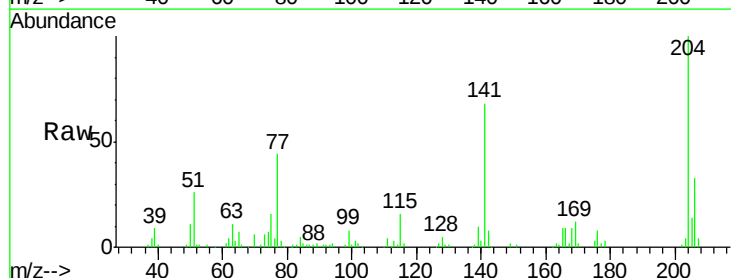
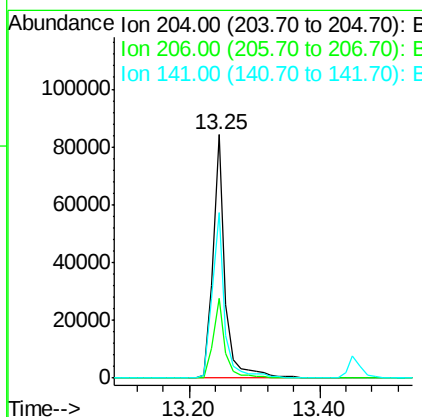
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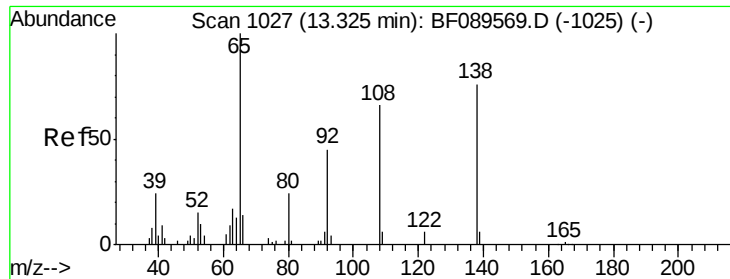
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#60
4-Chlorophenyl-phenylether
Concen: 39.62 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	111399		
206	32.7	26.2	39.2	
141	68.2	56.3	84.5	





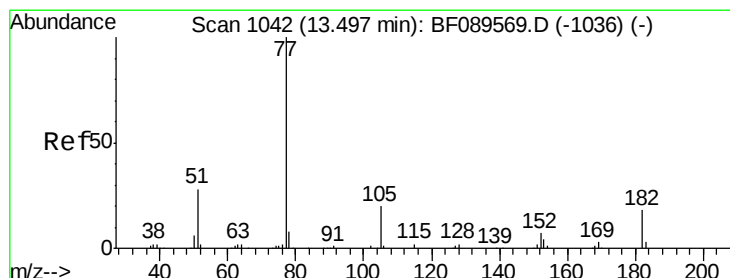
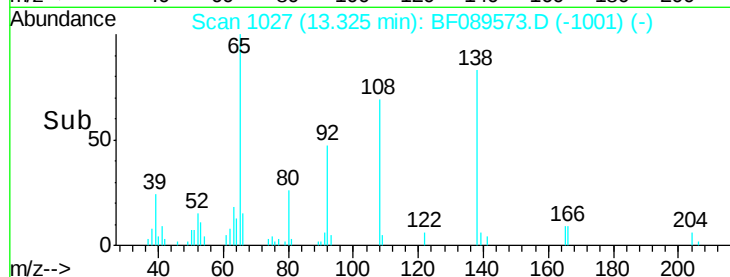
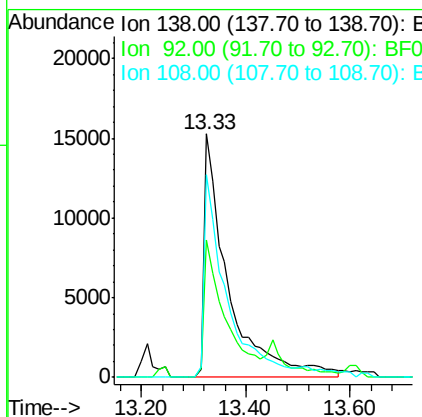
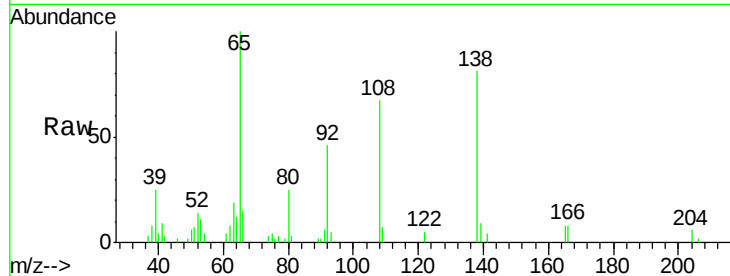
#61
4-Nitroaniline
Concen: 36.91 ng
RT: 13.33 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.7	39.5	79.5
108	83.2	66.4	106.4

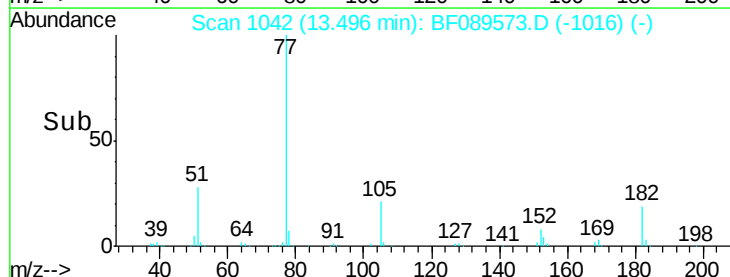
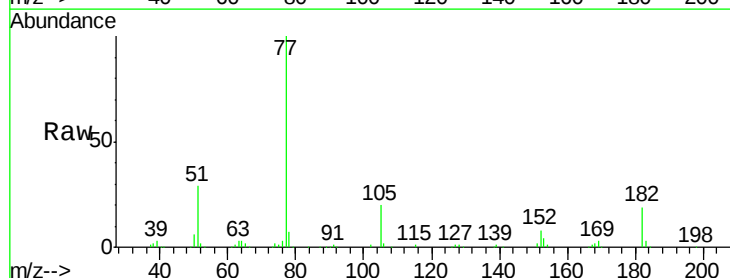
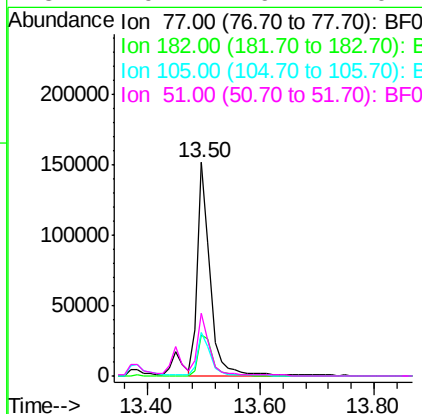
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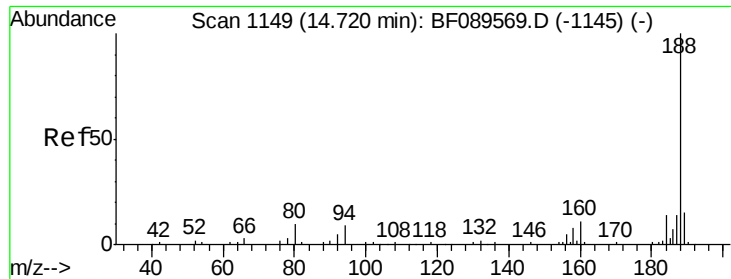
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#62
Azobenzene
Concen: 34.37 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.0	0.0	38.0
105	20.5	0.6	40.6
51	29.1	9.1	49.1





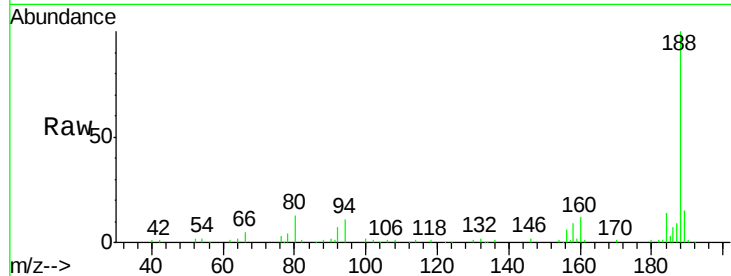
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

Tot Ion	Ratio	Resp	Lower	Upper
188	100	155145		
94	11.2	7.0	10.4#	
80	13.0	7.7	11.5#	

Manual Integrations
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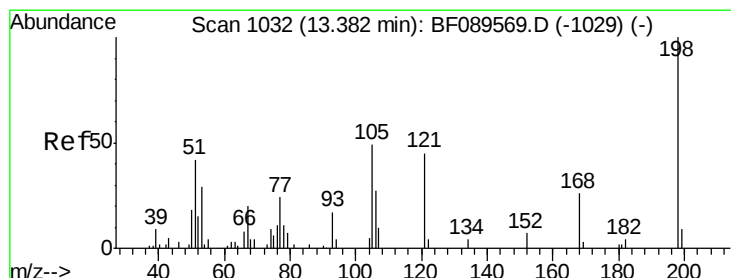
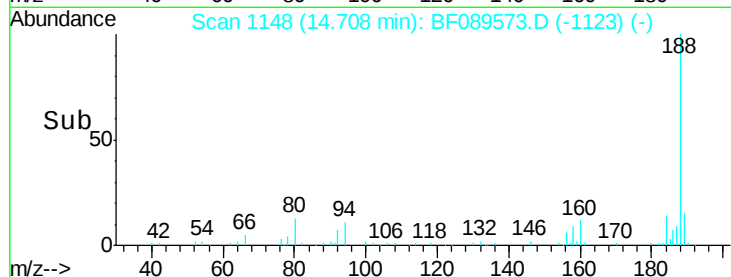
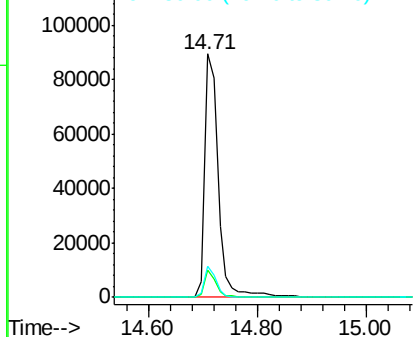
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Abundance Ion 188.00 (187.70 to 188.70): E

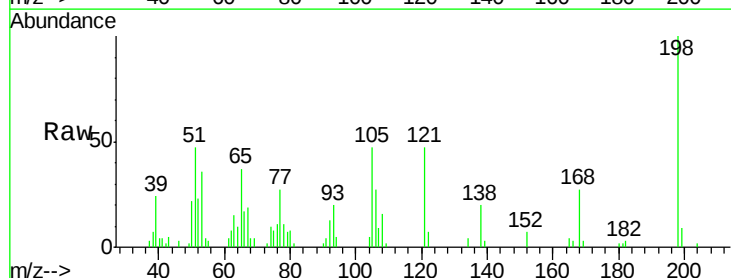
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.49 ng
 RT: 13.38 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

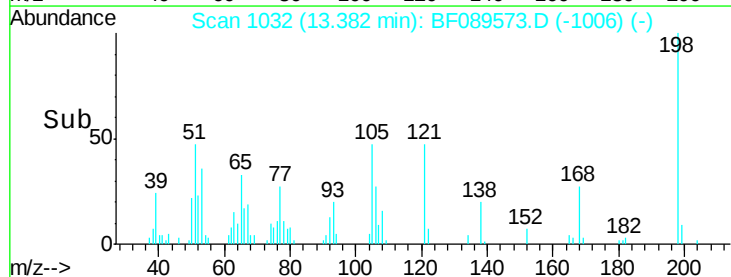
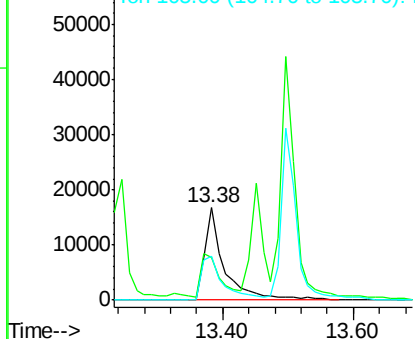
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	34810		
51	46.6	26.0	66.0	
105	46.9	29.1	69.1	

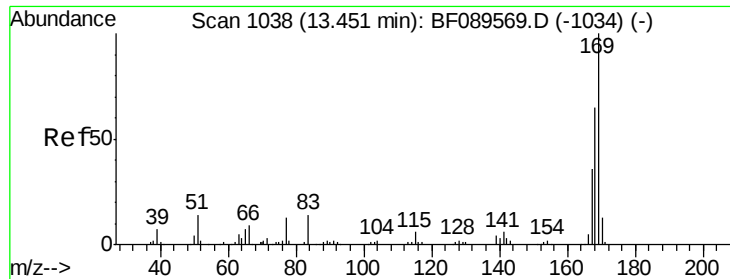


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





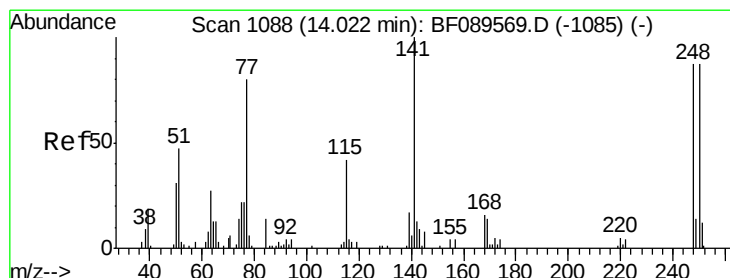
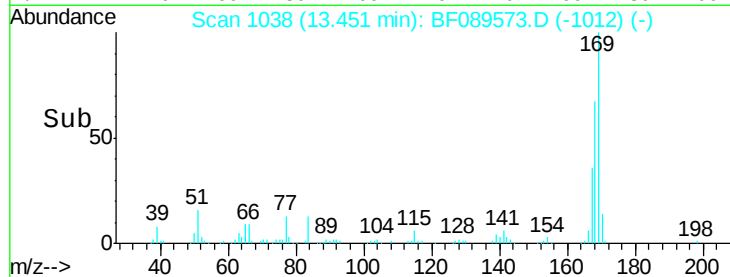
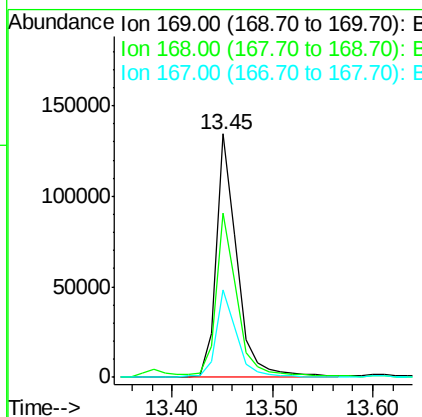
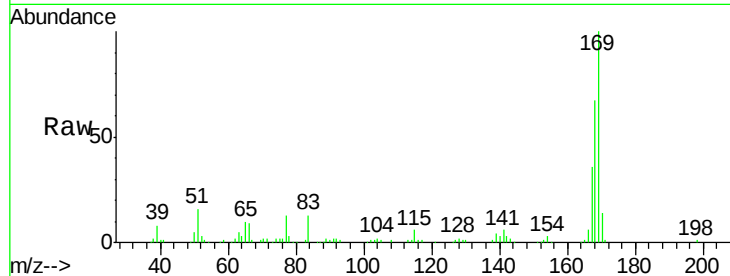
#65
 n-Nitrosodiphenylamine
 Concen: 36.52 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

Tot Ion	Ratio	Resp	Lower	Upper
169	100	193063		
168	67.2	53.0	79.4	
167	35.9	29.1	43.7	

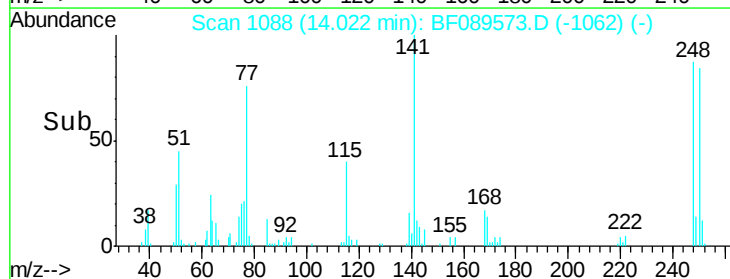
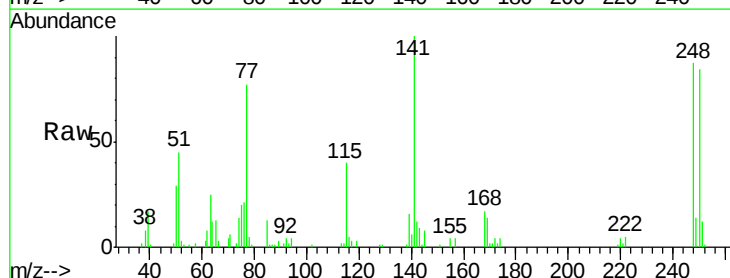
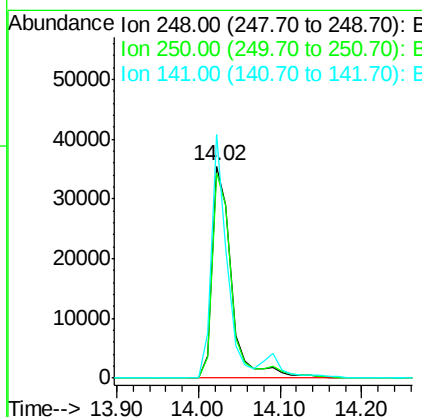
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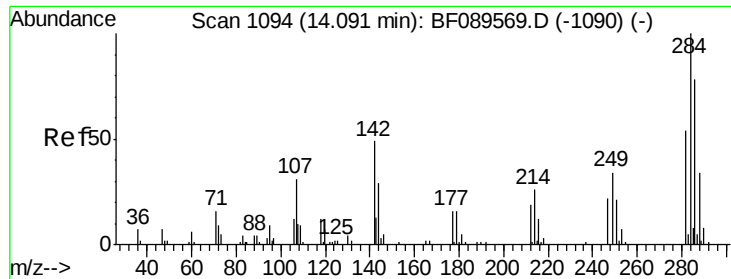
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#66
 4-Bromophenyl-phenylether
 Concen: 38.92 ng
 RT: 14.02 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	58983		
250	97.1	79.8	119.6	
141	115.0	91.5	137.3	





#67

Hexachlorobenzene

Concen: 36.15 ng

RT: 14.09 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

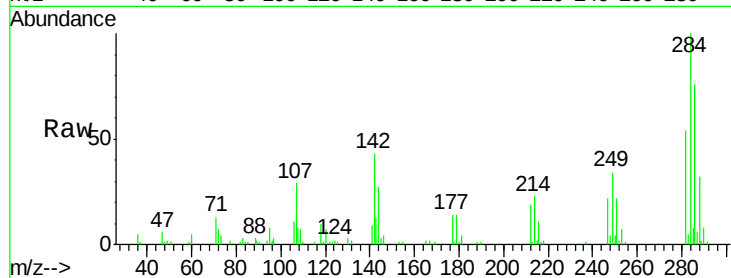
ClientSampleId :

ICVBF080316

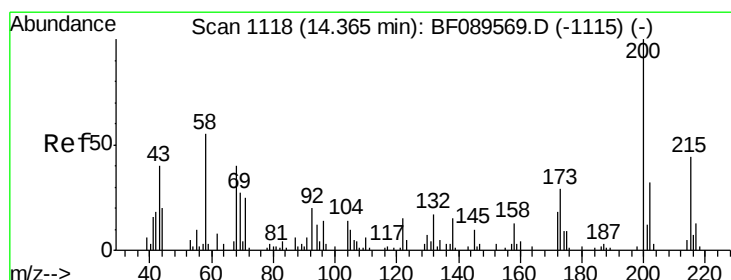
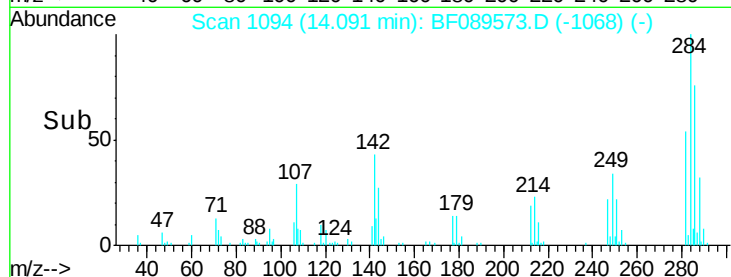
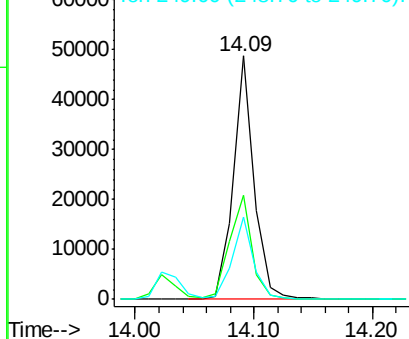
Tot Ion:	284	Resp:	59262
Ion Ratio		Lower	Upper
284	100		
142	43.0	40.2	60.4
249	33.8	28.9	43.3

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



#68

Atrazine

Concen: 39.01 ng

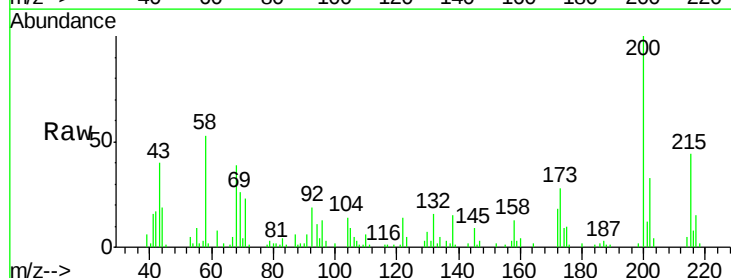
RT: 14.37 min Scan# 1118

Delta R.T. -0.00 min

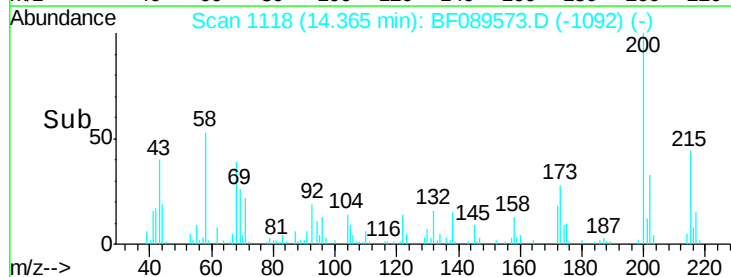
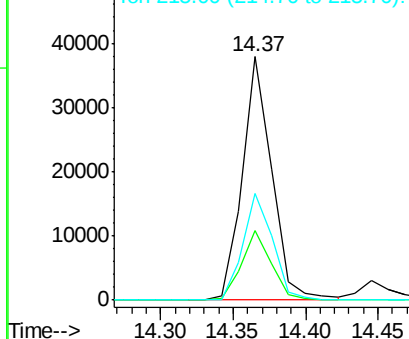
Lab File: BF089573.D

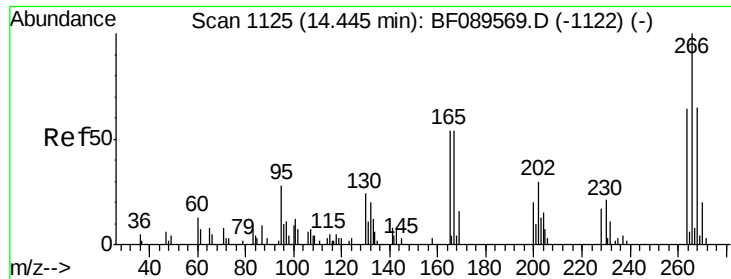
Acq: 3 Aug 2016 22:42

Tgt Ion:	200	Resp:	53366
Ion Ratio		Lower	Upper
200	100		
173	28.5	9.1	49.1
215	43.8	23.6	63.6



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





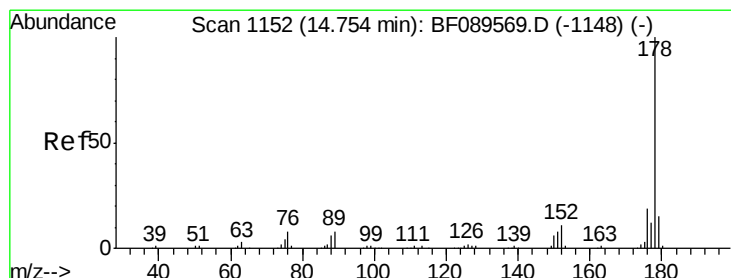
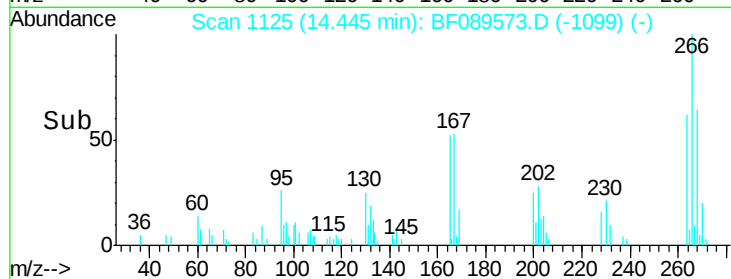
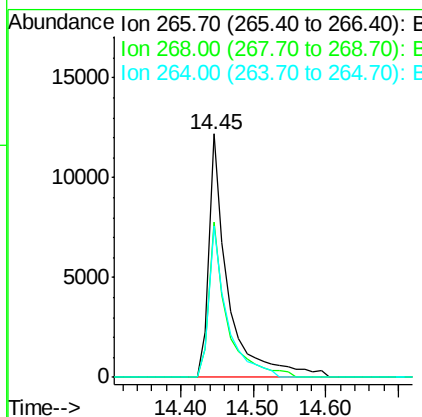
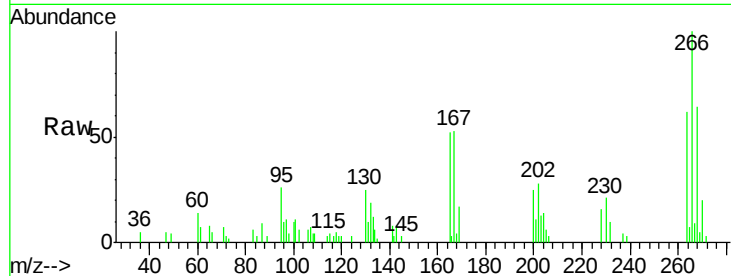
#69
 Pentachlorophenol
 Concen: 37.26 ng
 RT: 14.45 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

Tot Ion	Ratio	Resp	Lower	Upper
266	100	22395		
268	63.7		51.8	77.6
264	62.3		51.2	76.8

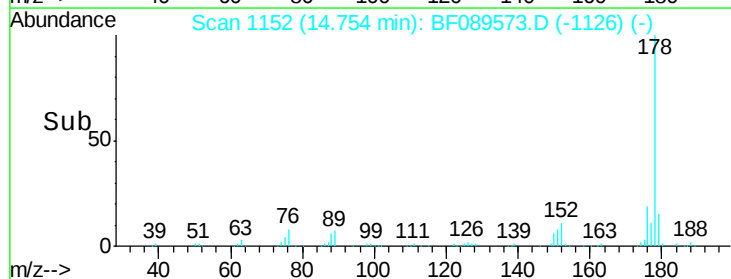
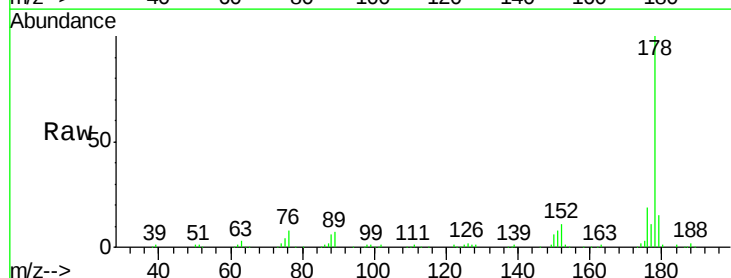
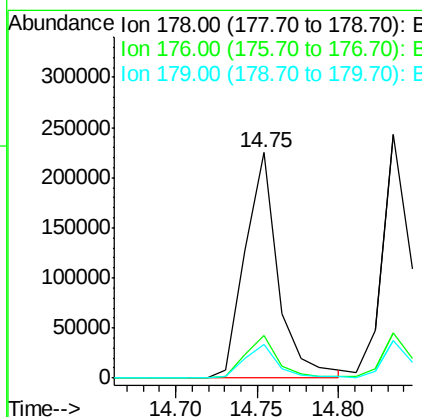
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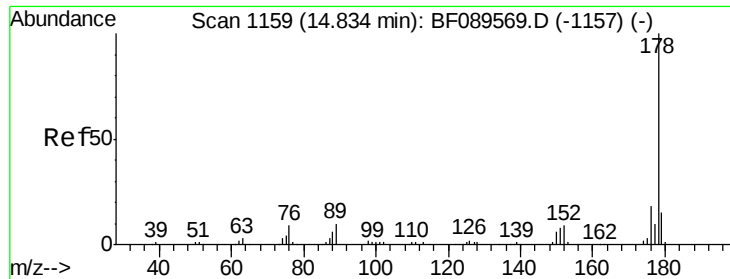
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#70
 Phenanthrene
 Concen: 38.18 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	316401		
176	18.8		15.2	22.8
179	15.0		12.2	18.4





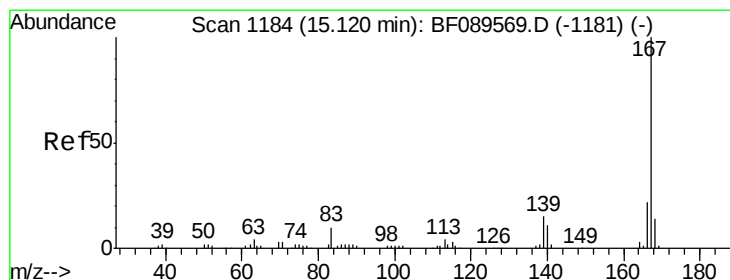
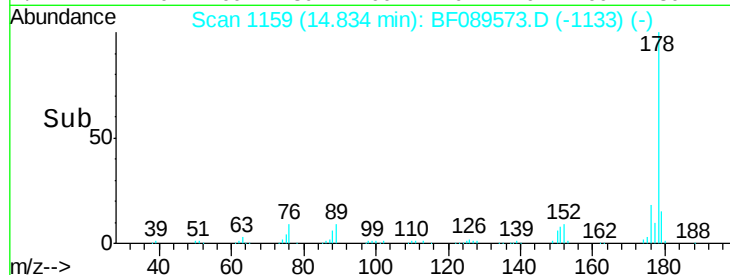
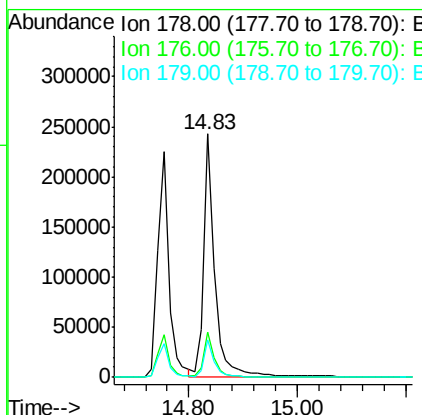
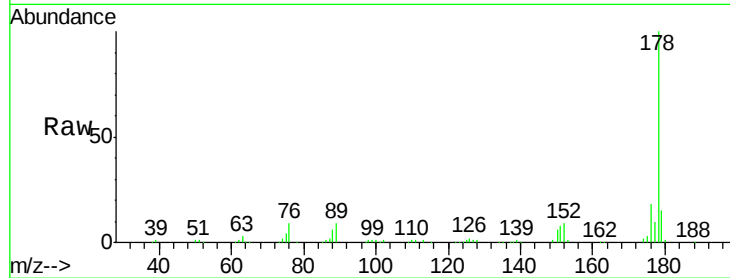
#71
 Anthracene
 Concen: 37.46 ng
 RT: 14.83 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.3	12.2	18.2

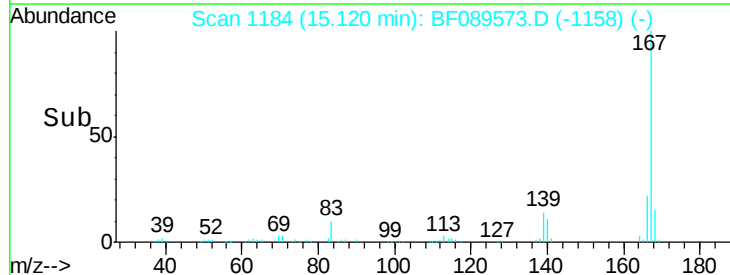
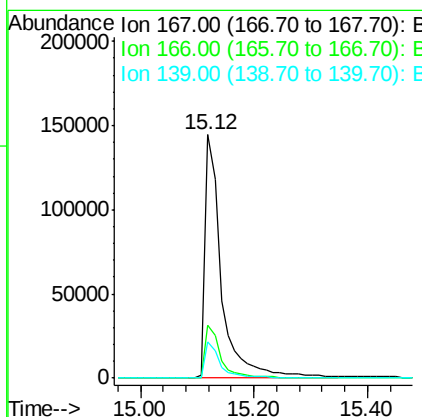
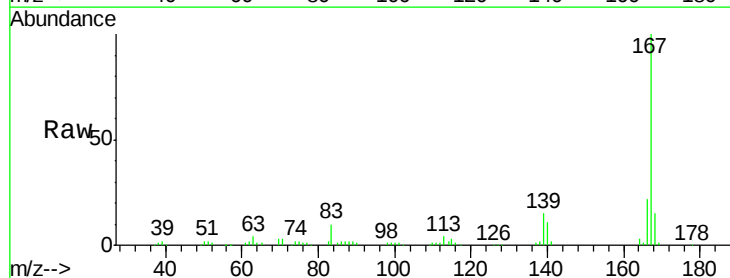
Manual Integrations
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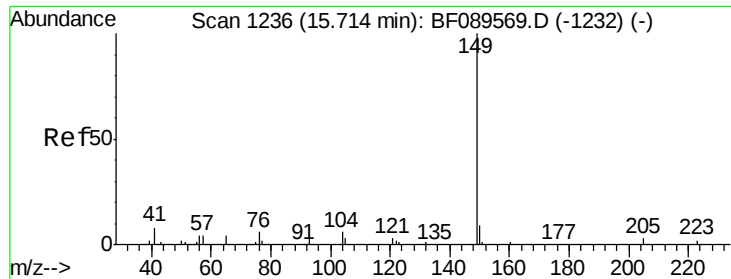
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#72
 Carbazole
 Concen: 38.50 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	14.7	11.8	17.6





#73

Di-n-butylphthalate

Concen: 39.60 ng

RT: 15.71 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

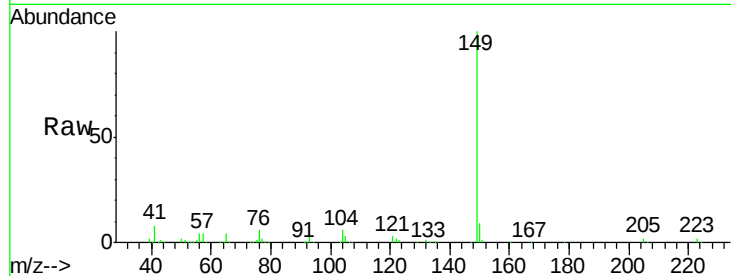
ClientSampleId :

ICVBF080316

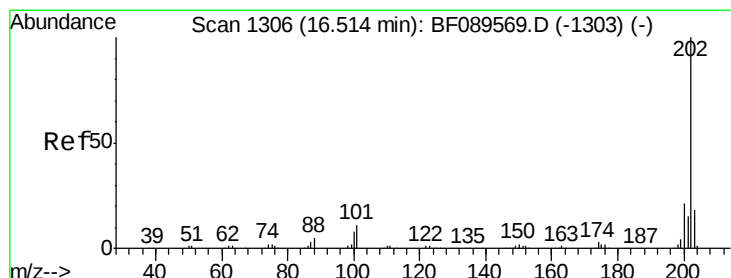
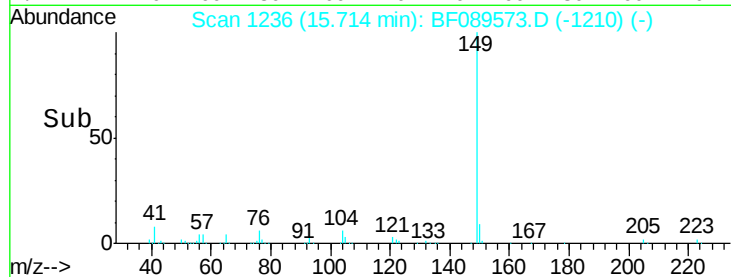
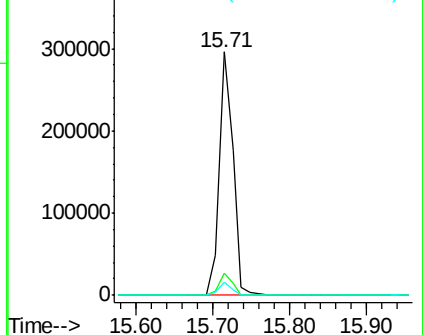
Tot Ion:	149	Resp:	371213
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.0
104	5.7	4.6	7.0

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



#74

Fluoranthene

Concen: 38.05 ng

RT: 16.51 min Scan# 1306

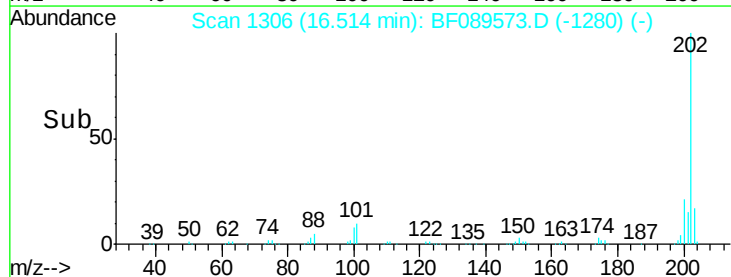
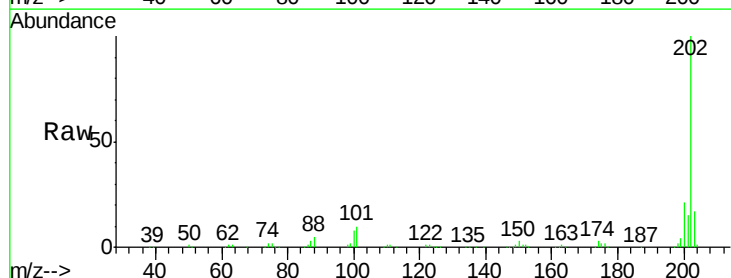
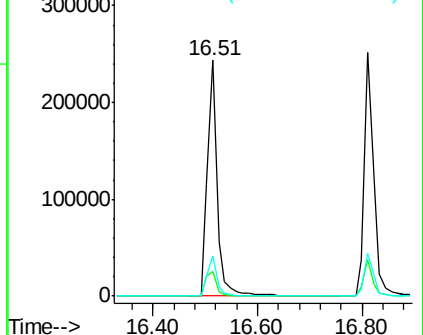
Delta R.T. -0.00 min

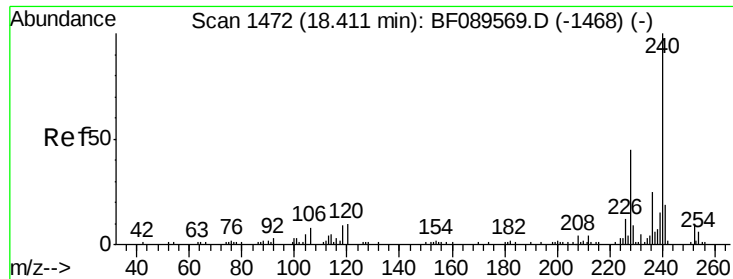
Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion:	202	Resp:	319126
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.0
203	17.1	0.0	37.7

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





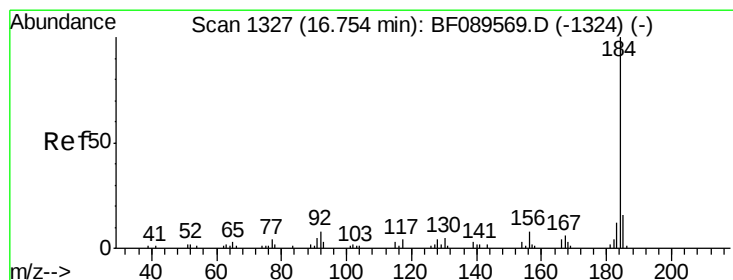
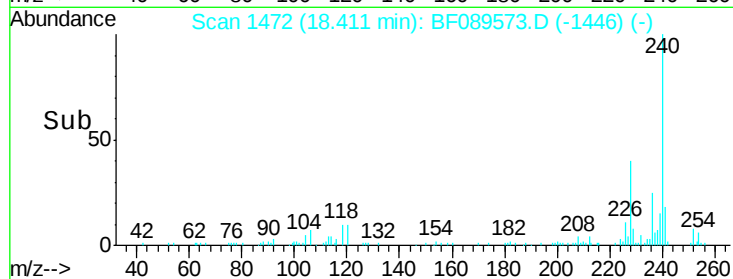
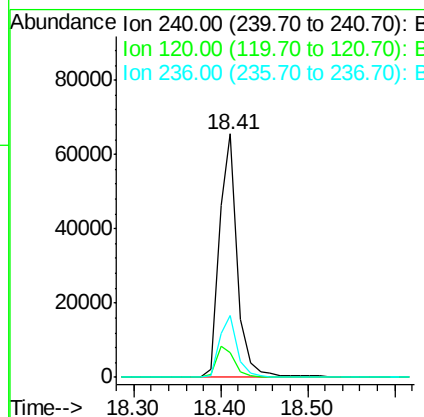
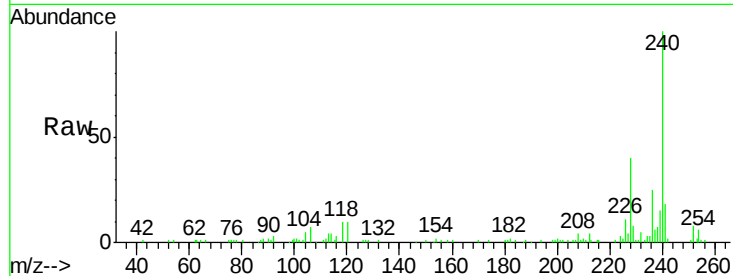
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.41 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.2	12.2
236	25.4	20.3	30.5

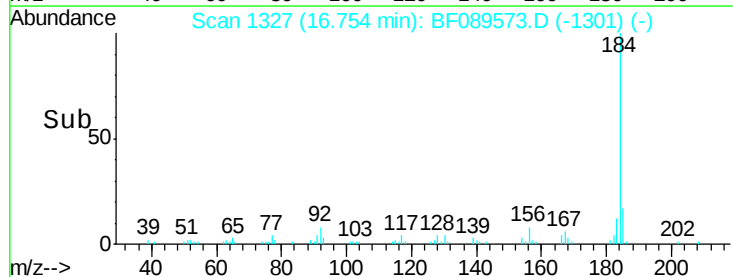
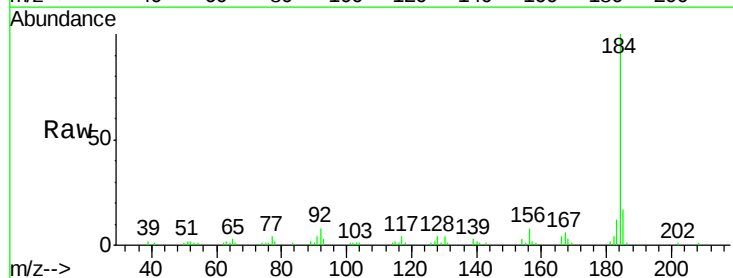
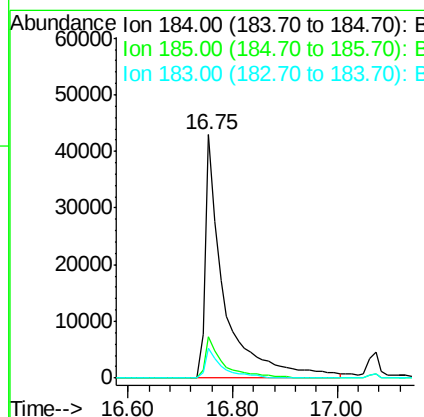
Manual Integrations
APPROVED

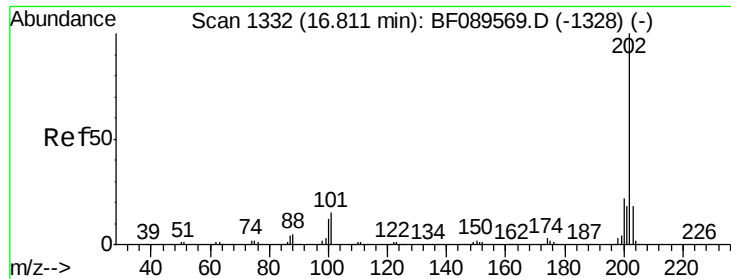
sohil
8/4/2016 6:11:52 PM



#76
Benzidine
Concen: 41.90 ng
RT: 16.75 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.3	13.1	19.7
183	12.3	9.6	14.4





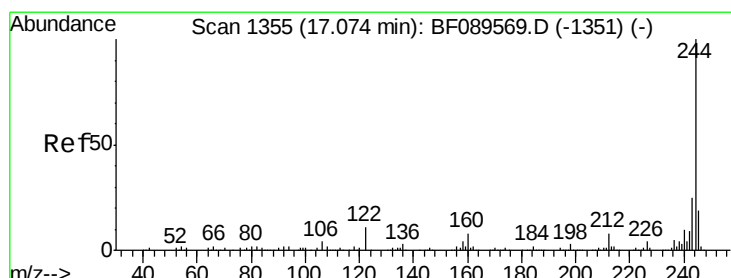
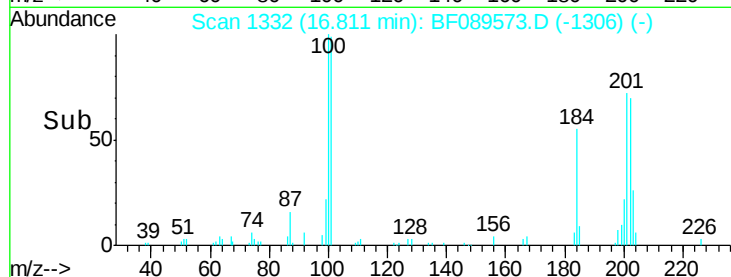
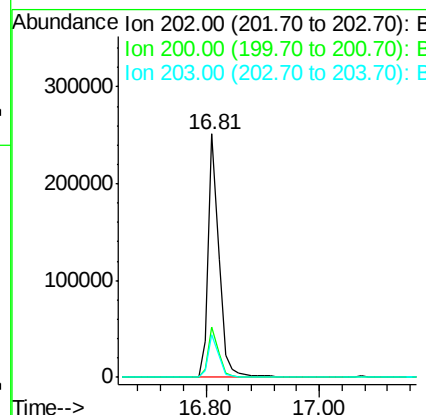
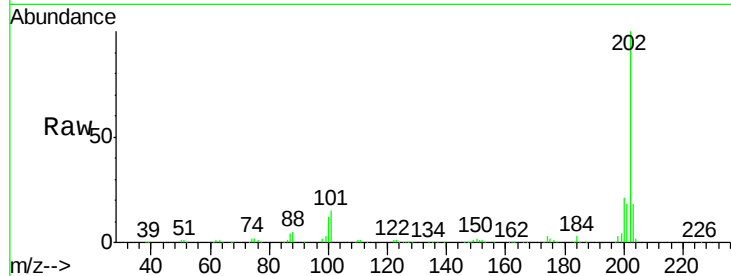
#77
Pvrene
Concen: 36.85 ng
RT: 16.81 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	17.7	14.2	21.2

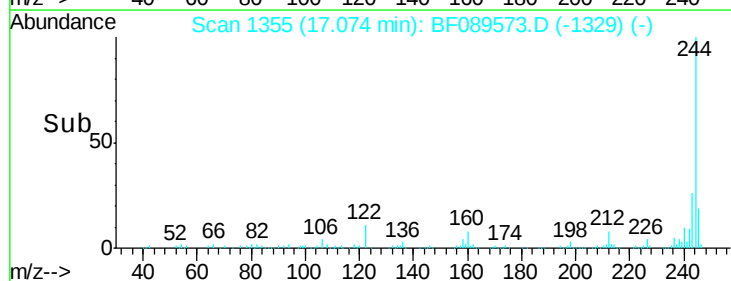
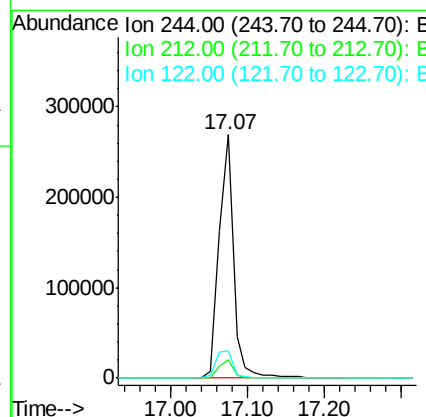
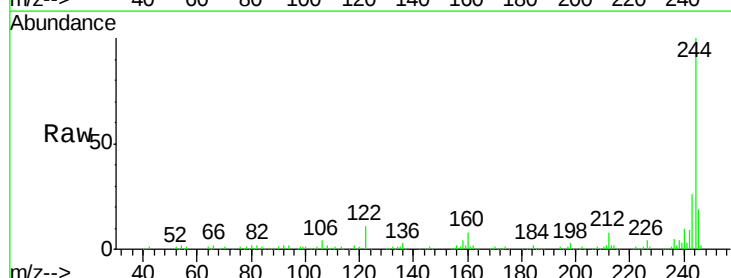
Manual Integrations
APPROVED

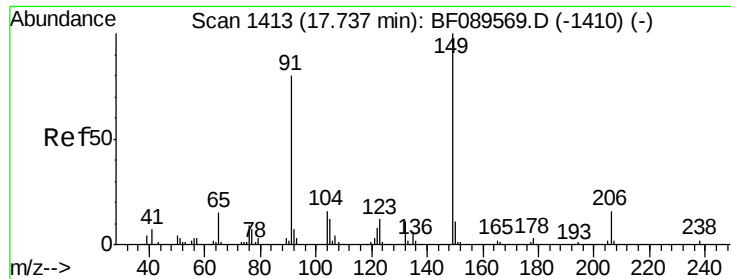
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8/4/2016 6:11:52 PM



#78
Terphenyl-d14
Concen: 75.05 ng
RT: 17.07 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.4
122	11.0	8.5	12.7





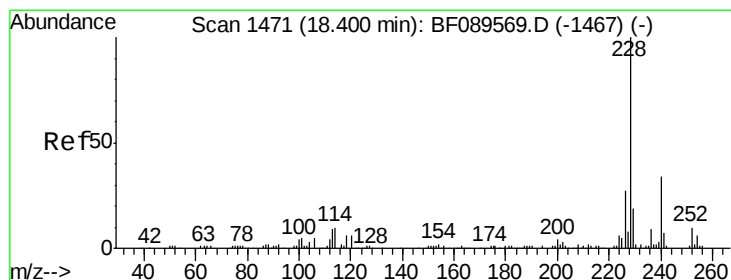
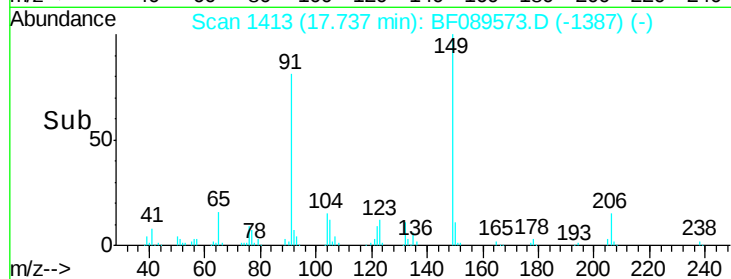
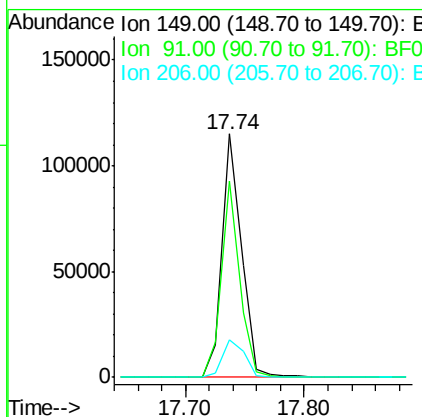
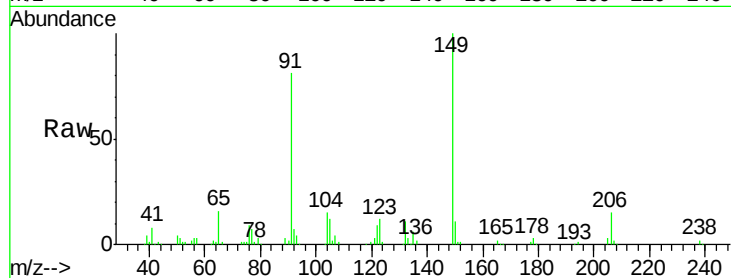
#79
Butylbenzylphthalate
Concen: 41.06 ng
RT: 17.74 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ratio	Resp	Lower	Upper
149	100	130253		
91	80.6	63.6	95.4	
206	15.4	12.8	19.2	

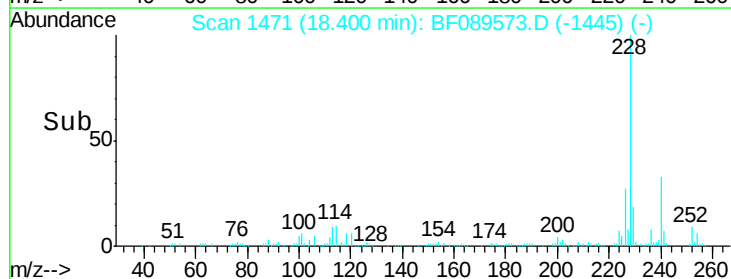
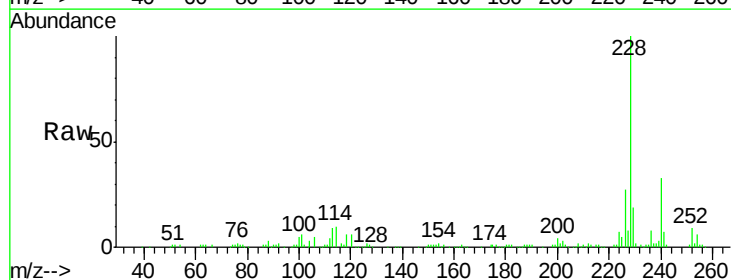
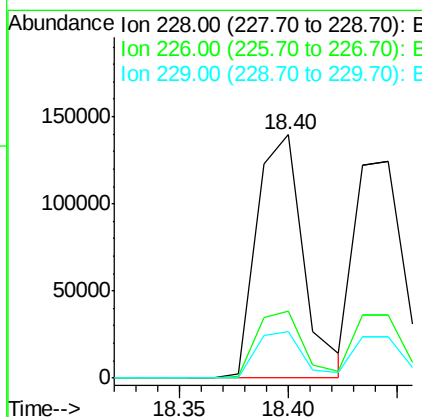
Manual Integrations
APPROVED

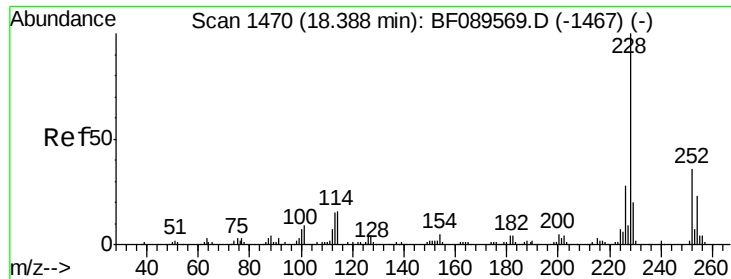
sohil
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#80
Benzo(a)anthracene
Concen: 37.78 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	209355		
226	27.4	21.5	32.3	
229	19.3	15.1	22.7	





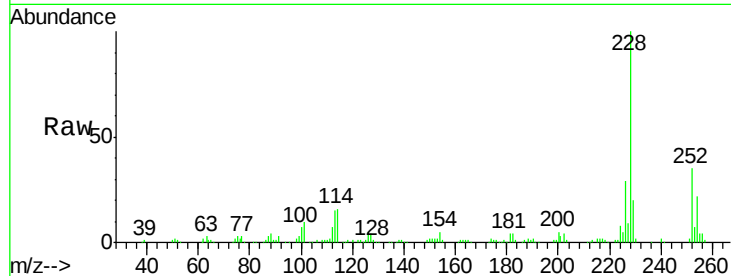
#81
 3,3'-Dichlorobenzidine
 Concen: 40.17 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

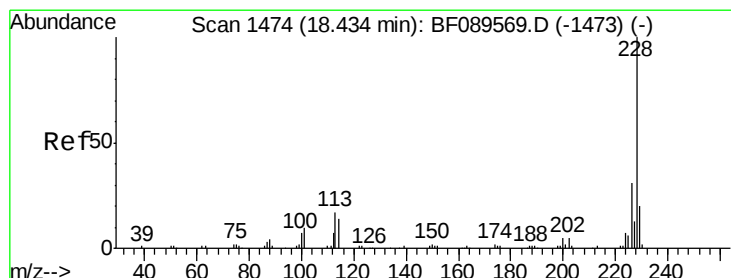
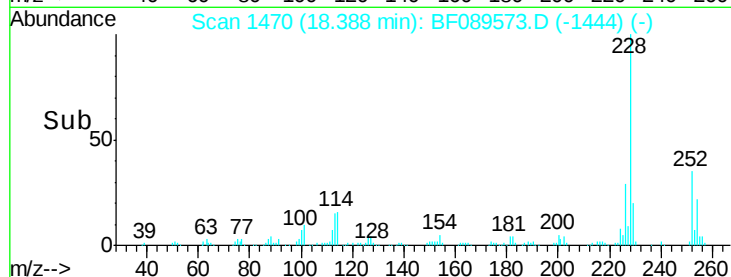
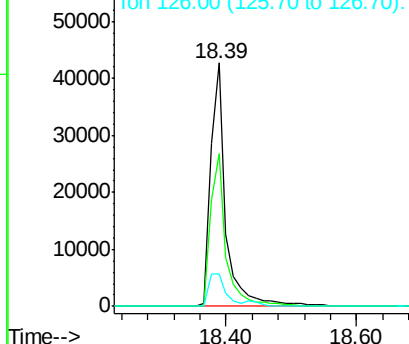
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.6	77.4
126	13.4	10.1	15.1

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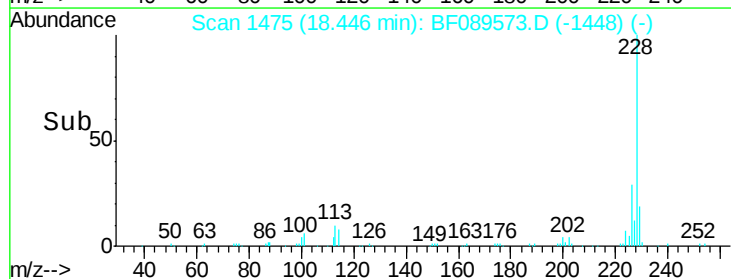
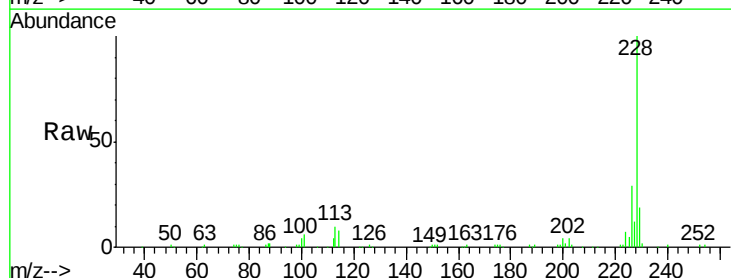
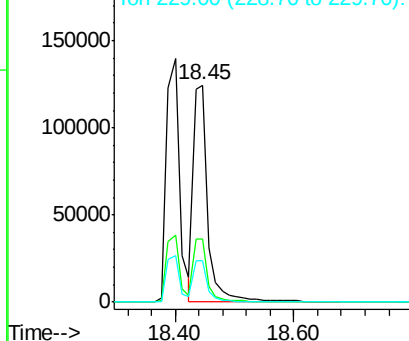
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

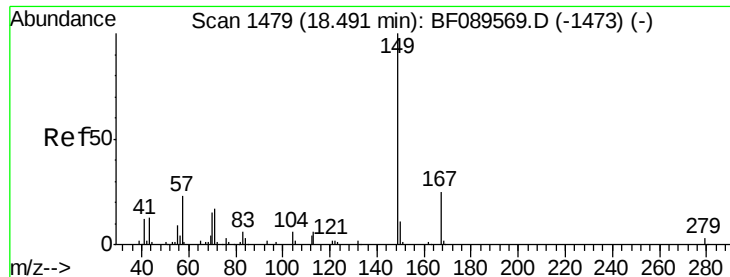


#82
 Chrysene
 Concen: 37.31 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.3	36.5
229	19.0	15.7	23.5

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.53 ng

RT: 18.49 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

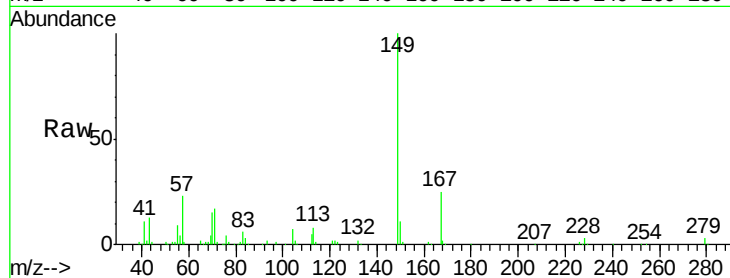
ClientSampleId :

ICVBF080316

Tot Ion:	149	Resp:	177573
Ion Ratio	Lower	Upper	
149	100		
167	25.3	19.7	29.5
279	2.9	2.3	3.5

Manual Integrations
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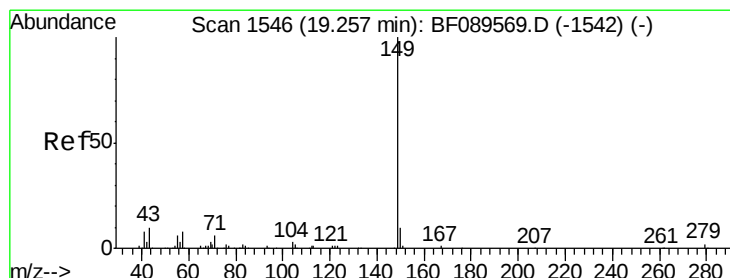
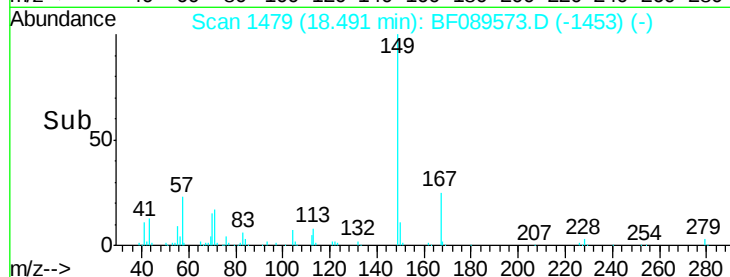
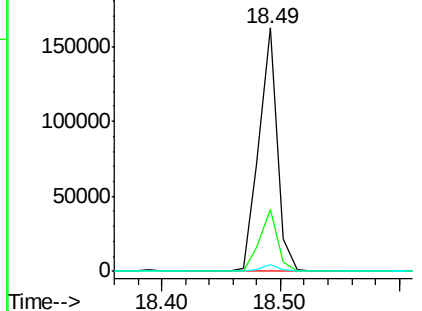
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.44 ng

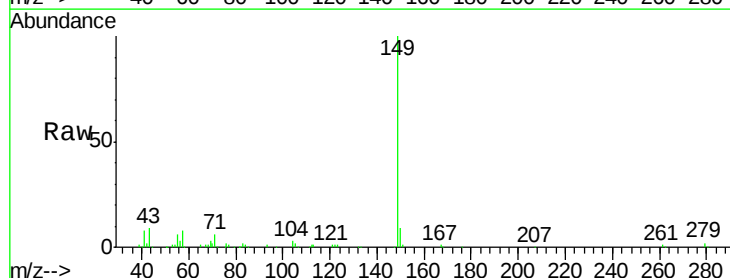
RT: 19.26 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

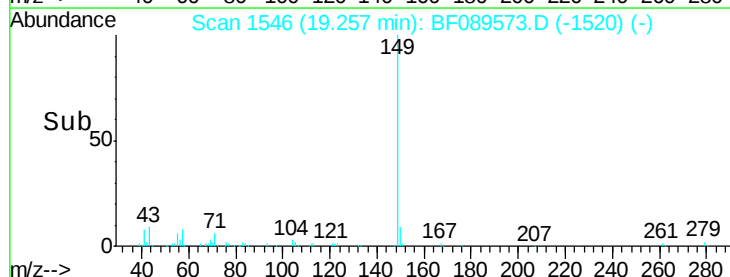
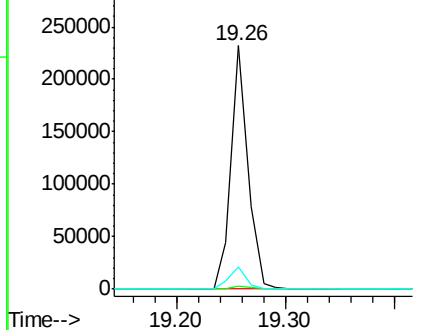
Tgt Ion:	149	Resp:	249176
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	9.2	7.3	10.9

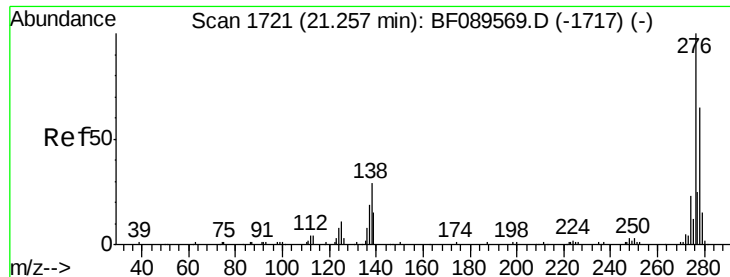


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





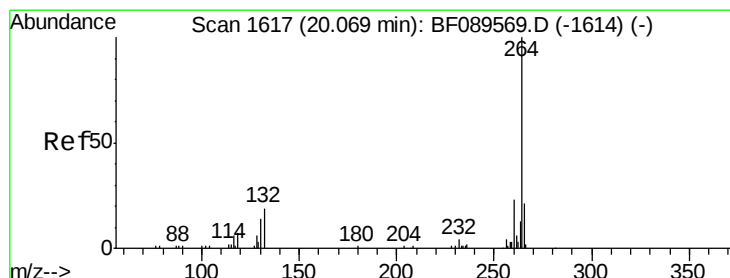
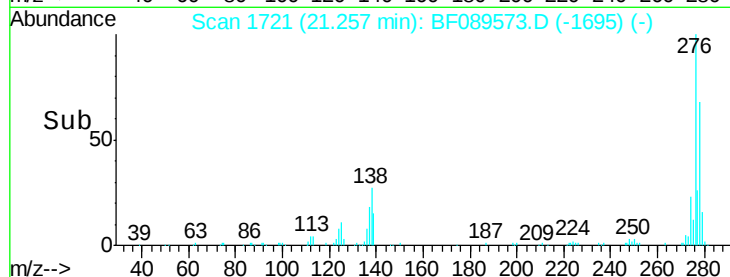
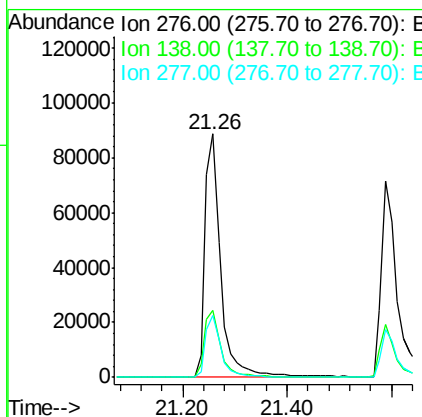
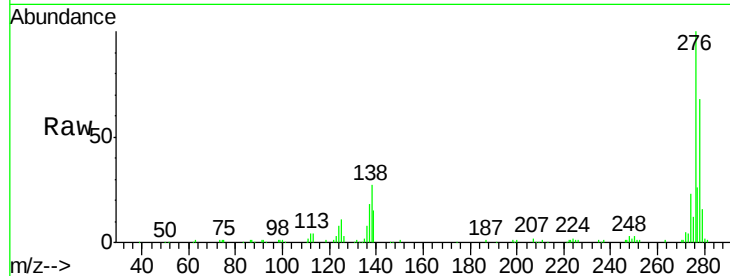
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.77 ng
RT: 21.26 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.5	35.3
277	25.2	20.5	30.7

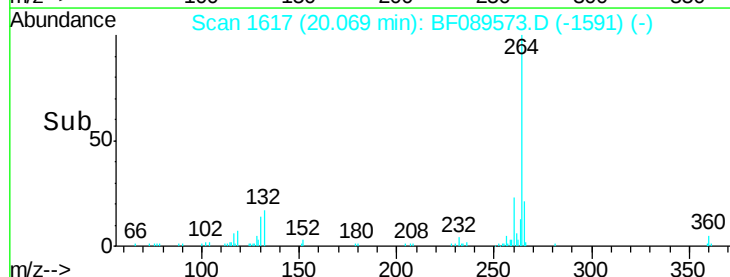
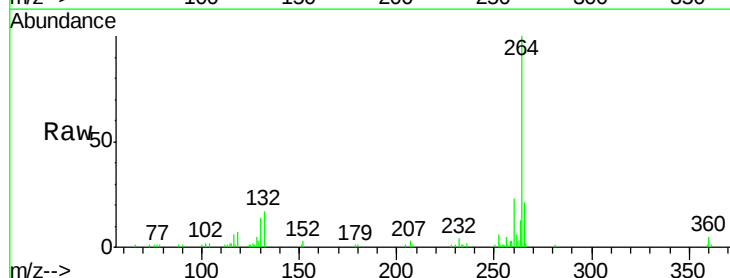
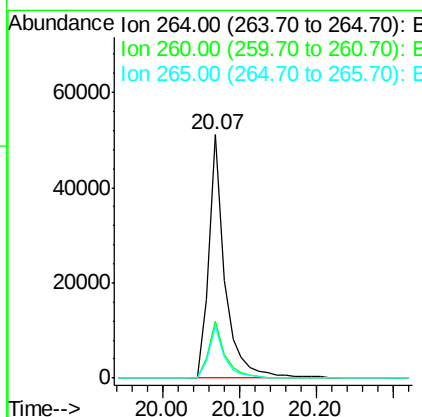
Manual Integrations
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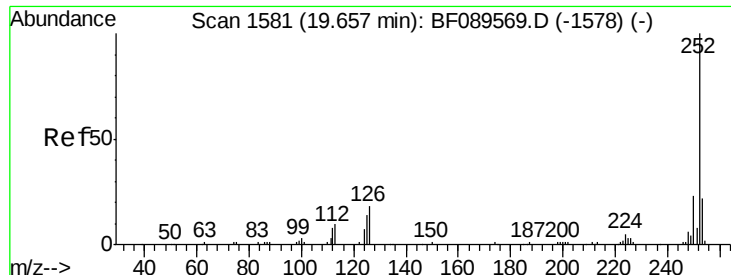
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.07 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.2	16.6	25.0





#87

Benzo(b)fluoranthene

Concen: 38.85 ng

RT: 19.66 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

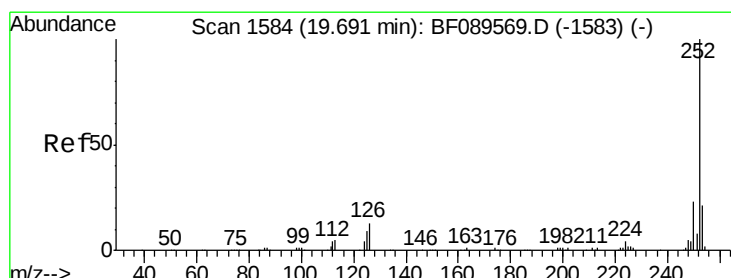
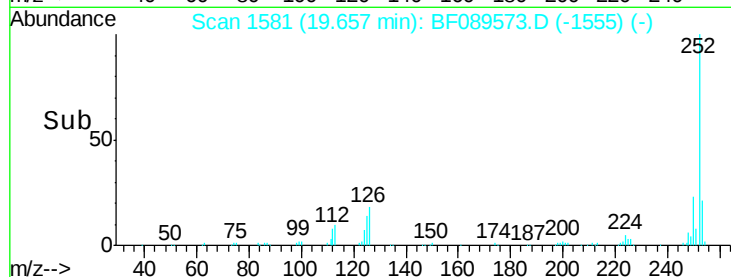
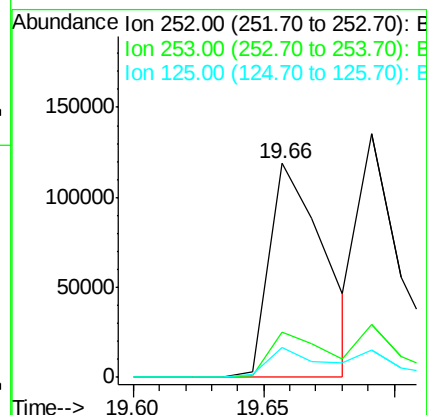
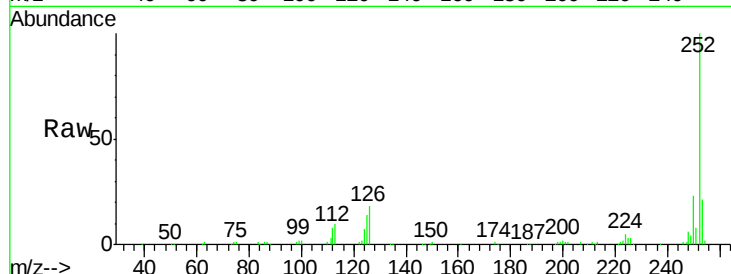
ClientSampleId :

ICVBF080316

Tot Ion:	252	Resp:	176223
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.6	26.4
125	13.9	11.0	16.4

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 36.57 ng m

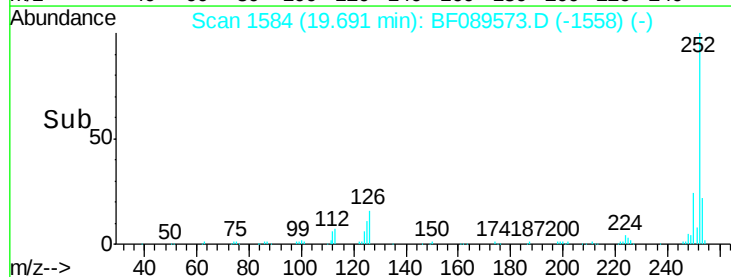
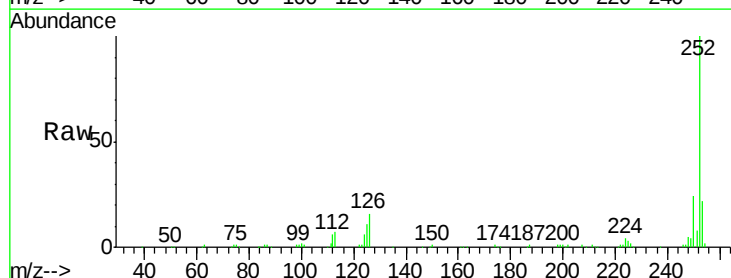
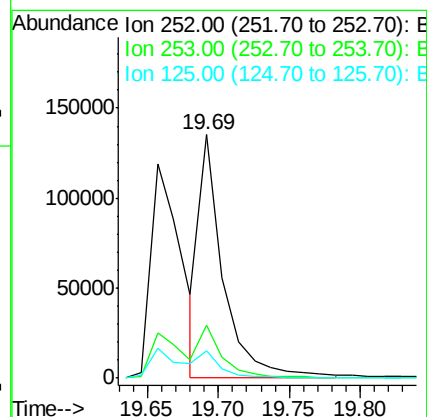
RT: 19.69 min Scan# 1584

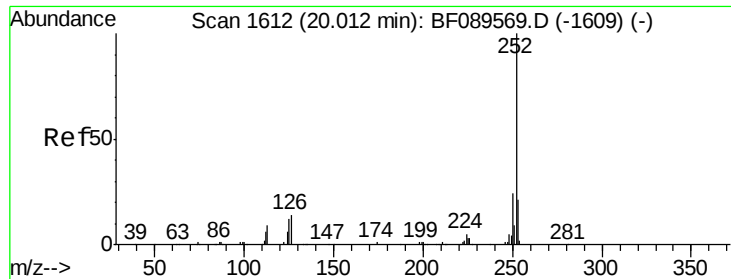
Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion:	252	Resp:	162881
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	11.3	9.3	13.9





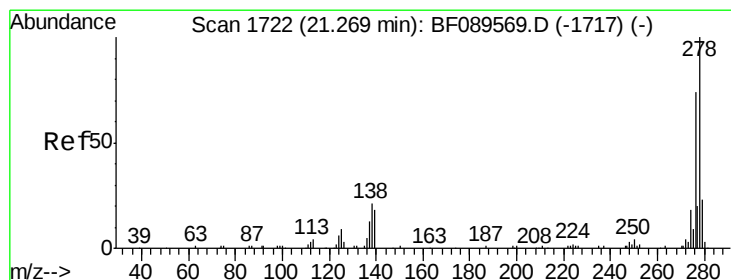
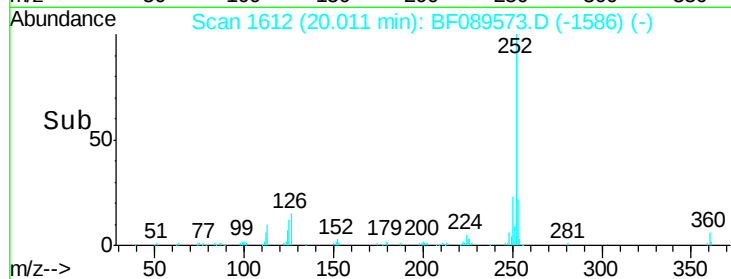
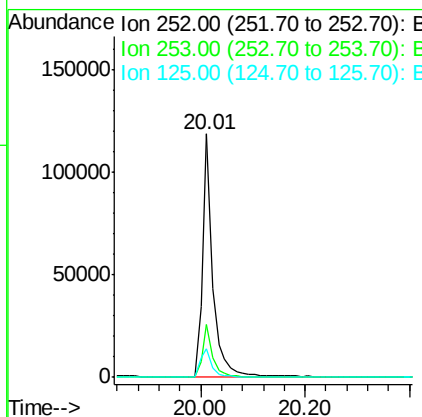
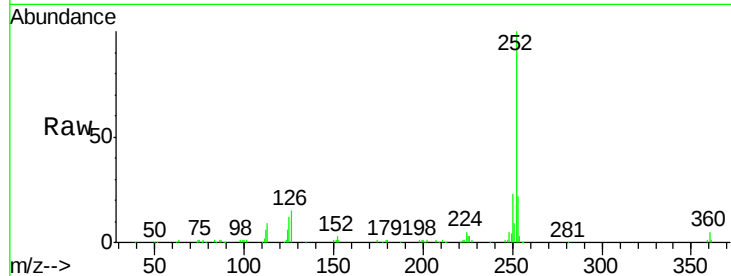
#89
Benzo(a)pyrene
Concen: 38.02 ng
RT: 20.01 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :
ICVBF080316

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.6	24.8
125	11.9	9.4	14.0

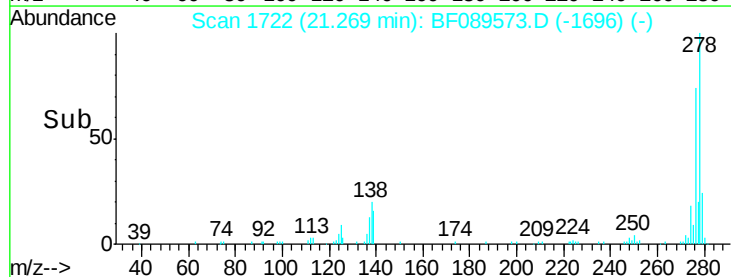
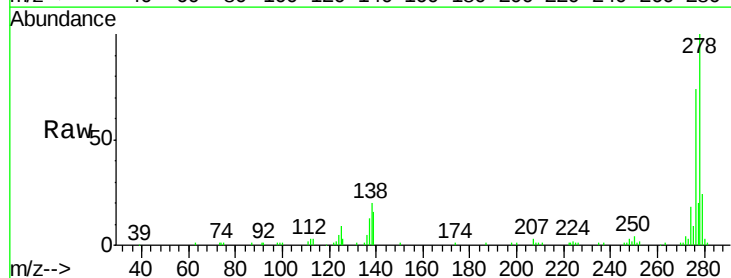
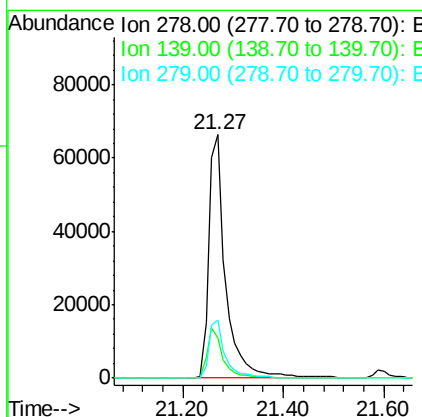
Manual Integrations
APPROVED

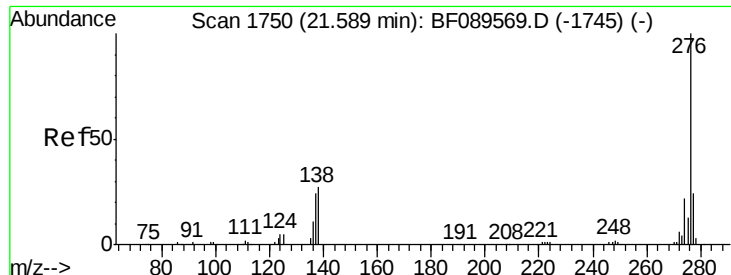
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 38.58 ng
RT: 21.27 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.1	21.1
279	23.9	18.7	28.1





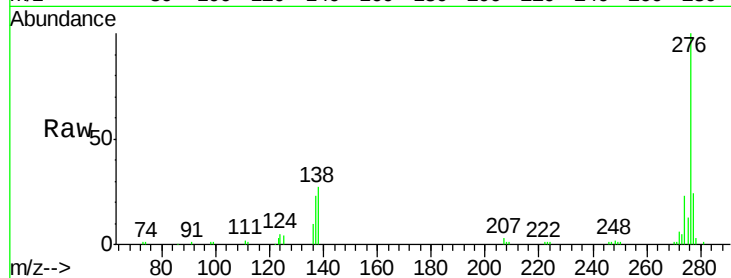
#91
 Benzo(a,h,i)perylene
 Concen: 37.88 ng
 RT: 21.59 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080316

Tot Ion:	276	Resp:	158010
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.0	28.6
138	26.8	21.7	32.5

Manual Integrations
 APPROVED

sohil
 8/4/2016 6:11:52 PM



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

