

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089567.D
 Acq On : 3 Aug 2016 19:20
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Quant Time: Aug 04 08:46:13 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 07:15:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	40550	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	175168	20.00	ng	0.00
38) Acenaphthene-d10	12.32	164	84748	20.00	ng	0.00
63) Phenanthrene-d10	14.71	188	160662	20.00	ng	-0.01
75) Chrysene-d12	18.40	240	107200	20.00	ng	-0.01
86) Perylene-d12	20.07	264	75062	20.00	ng	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	36623	14.96	ng	0.02
7) Phenol-d6	7.00	99	60704	18.61	ng	0.00
23) Nitrobenzene-d5	8.38	82	63782	20.14	ng	0.00
41) 2,4,6-Tribromophenol	13.60	330	12992	19.30	ng	-0.01
44) 2-Fluorobiphenyl	11.27	172	133018	20.38	ng	-0.01
78) Terphenyl-d14	17.06	244	107562	20.13	ng	-0.01

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Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.77	88	19220	10.93	ng	# 75
3) Pyridine	2.42	79	17069	10.14	ng	# 83
4) n-Nitrosodimethylamine	2.39	42	2739	10.14	ng	# 77
6) Aniline	6.97	93	37624m	11.15	ng	
8) 2-Chlorophenol	7.14	128	29388	10.03	ng	96
9) Benzaldehyde	6.79	77	9990	8.60	ng	95
10) Phenol	7.03	94	36872	10.91	ng	# 65
11) bis(2-Chloroethyl)ether	7.10	93	25860	8.71	ng	98
12) 1,3-Dichlorobenzene	7.37	146	30784	9.58	ng	96
13) 1,4-Dichlorobenzene	7.50	146	30177	9.41	ng	97
14) 1,2-Dichlorobenzene	7.72	146	35698	10.72	ng	100
15) Benzyl Alcohol	7.77	79	15309	7.18	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.95	45	36946	10.09	ng	96
17) 2-Methylphenol	7.98	107	21018	9.81	ng	98
18) Hexachloroethane	8.24	117	13698	10.17	ng	# 88
19) n-Nitroso-di-n-propylamine	8.17	70	22764	18.64	ng	94
20) 3+4-Methylphenols	8.25	107	26445	9.42	ng	# 89
22) Acetophenone	8.15	105	33325	8.01	ng	99
24) Nitrobenzene	8.41	77	29747	9.03	ng	94
25) Isophorone	8.80	82	63126	10.50	ng	99
26) 2-Nitrophenol	8.92	139	12607	9.18	ng	93
27) 2,4-Dimethylphenol	9.05	122	24307	9.88	ng	98
28) bis(2-Chloroethoxy)methane	9.19	93	36031	10.01	ng	98
29) 2,4-Dichlorophenol	9.35	162	21628	9.35	ng	98
30) 1,2,4-Trichlorobenzene	9.42	180	26000	9.83	ng	96
31) Naphthalene	9.53	128	95728	10.28	ng	100
32) Benzoic acid	9.29	122	15004	9.18	ng	87
33) 4-Chloroaniline	9.68	127	34606	9.62	ng	94
34) Hexachlorobutadiene	9.75	225	15653	10.20	ng	97
35) Caprolactam	10.24	113	5892	8.66	ng	92
36) 4-Chloro-3-methylphenol	10.52	107	27627	10.19	ng	96
37) 2-Methylnaphthalene	10.65	142	57734	10.14	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.92	216	31271	9.79	ng	97
40) Hexachlorocyclopentadiene	10.90	237	4644	11.14	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.15	196	14615	9.36	nq	96
43) 2,4,5-Trichlorophenol	11.23	196	17425	10.44	nq	97
45) 1,1'-Biphenyl	11.42	154	78154	10.21	nq	99
46) 2-Chloronaphthalene	11.43	162	58431	10.19	nq	96
47) 2-Nitroaniline	11.66	65	16821	9.25	nq	98
48) Acenaphthylene	12.08	152	96538	10.21	nq	99
49) Dimethylphthalate	11.97	163	65100	10.03	nq	100
50) 2,6-Dinitrotoluene	12.06	165	12676	9.76	nq	92
51) Acenaphthene	12.37	154	56297	10.27	nq	99
52) 3-Nitroaniline	12.34	138	13946	9.11	nq	93
54) Dibenzofuran	12.66	168	74840	10.03	nq	99
55) 4-Nitrophenol	12.79	139	6872m	8.19	nq	
56) 2,4-Dinitrotoluene	12.72	165	15732	9.01	nq	# 91
57) Fluorene	13.21	166	64938	10.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.89	232	11923	10.12	nq	# 91
59) Diethylphthalate	13.11	149	66950	10.18	nq	99
60) 4-Chlorophenyl-phenylether	13.25	204	28477	9.99	nq	98
61) 4-Nitroaniline	13.36	138	11810	8.80	nq	95
62) Azobenzene	13.50	77	65479	9.71	nq	96
64) 4,6-Dinitro-2-methylphenol	13.38	198	6117	10.69	nq	83
65) n-Nitrosodiphenylamine	13.45	169	54241	9.91	nq	97
66) 4-Bromophenyl-phenylether	14.02	248	14886	9.48	nq	96
67) Hexachlorobenzene	14.09	284	16987	10.01	nq	# 84
68) Atrazine	14.35	200	15342	10.83	nq	97
69) Pentachlorophenol	14.46	266	3762	9.13	nq	94
70) Phenanthrene	14.74	178	86065	10.03	nq	99
71) Anthracene	14.83	178	94362	10.06	nq	100
72) Carbazole	15.13	167	76471	10.08	nq	98
73) Di-n-butylphthalate	15.71	149	98903	10.19	nq	99
74) Fluoranthene	16.51	202	90083	10.37	nq	99
76) Benzidine	16.77	184	32566	11.14	nq	98
77) Pyrene	16.81	202	96849	10.16	nq	99
79) Butylbenzylphthalate	17.74	149	33401	9.34	nq	97
80) Benzo(a)anthracene	18.39	228	63545	10.17	nq	99
81) 3,3'-Dichlorobenzidine	18.39	252	18776	9.59	nq	# 98
82) Chrysene	18.43	228	63826	9.91	nq	99
83) Bis(2-ethylhexyl)phthalate	18.49	149	44279	9.19	nq	99
84) Di-n-octyl phthalate	19.26	149	60555	8.29	nq	100
85) Indeno(1,2,3-cd)pyrene	21.26	276	42511	9.90	nq	97
87) Benzo(b)fluoranthene	19.66	252	44789	9.77	nq	98
88) Benzo(k)fluoranthene	19.69	252	49005m	10.85	nq	
89) Benzo(a)pyrene	20.01	252	42574	10.01	nq	97
90) Dibenzo(a,h)anthracene	21.27	278	36803	9.14	nq	97
91) Benzo(g,h,i)perylene	21.60	276	37837	8.97	nq	95

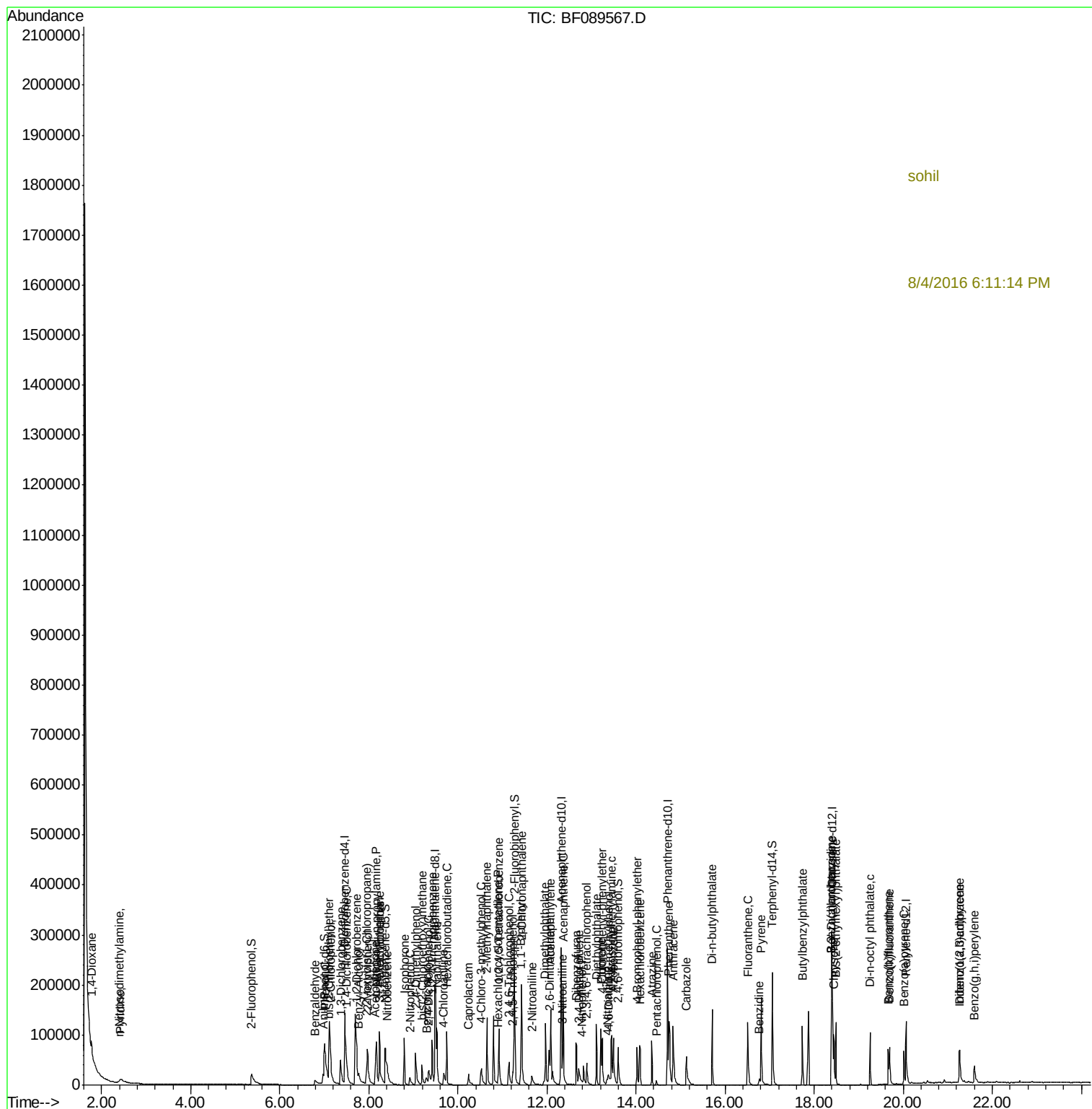
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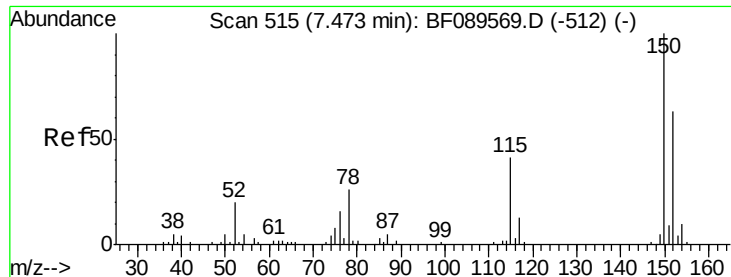
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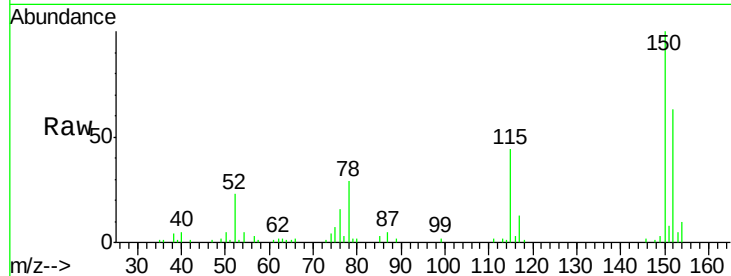
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

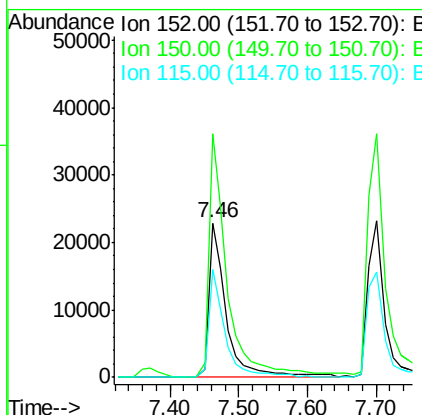
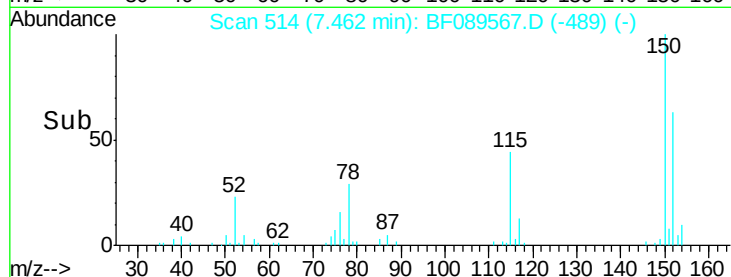
Instrument :
BNA_F
ClientSampled :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.4	191.2
115	70.2	51.8	77.8

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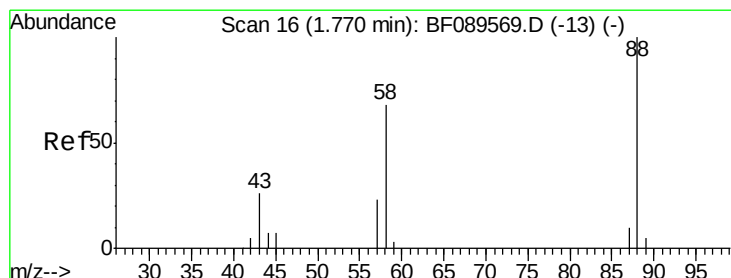


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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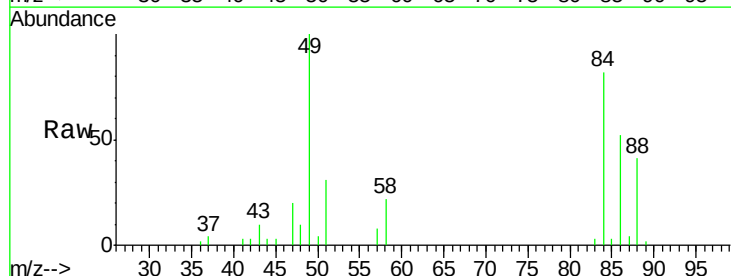
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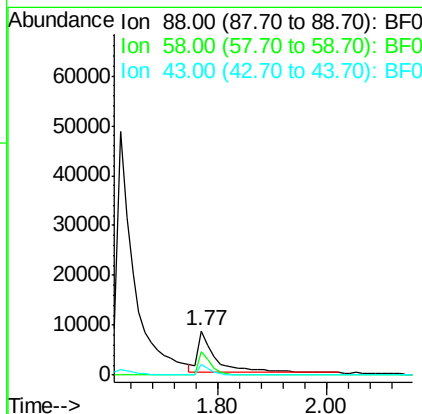
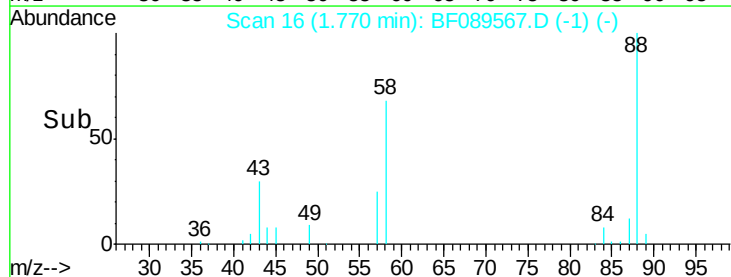
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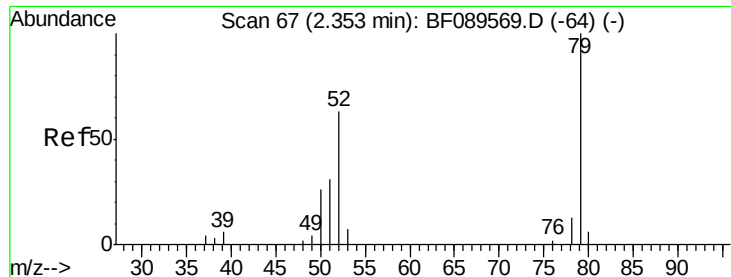
1,4-Dioxane
Concen: 10.93 ng
RT: 1.77 min Scan# 16
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	36.7	47.0	70.4#
43	16.1	18.9	28.3#



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





#3

Pvridine

Concen: 10.14 ng

RT: 2.42 min Scan# 73

Delta R.T. 0.07 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

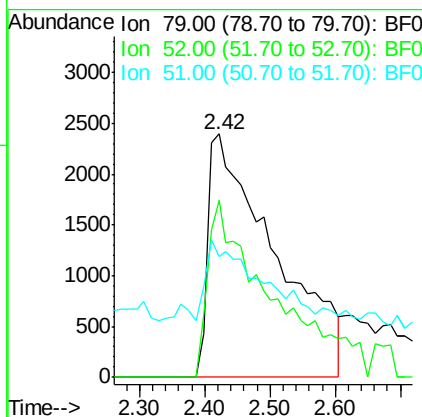
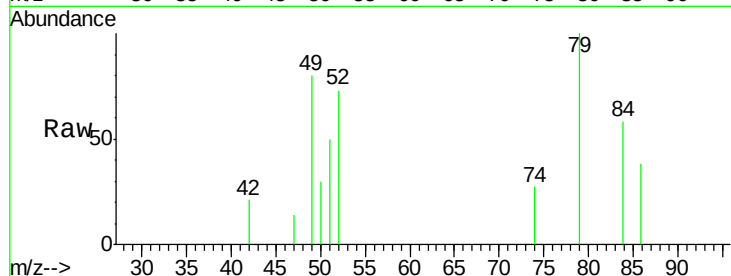
BNA_F

ClientSampleId :

SSTDIC010

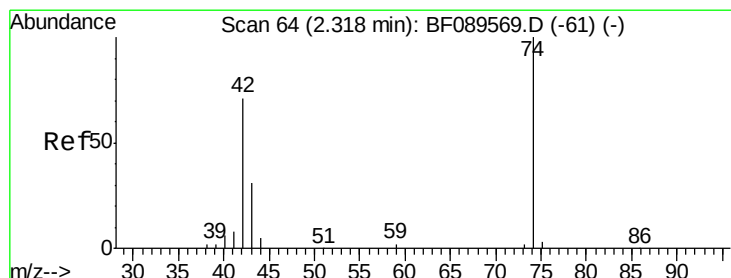
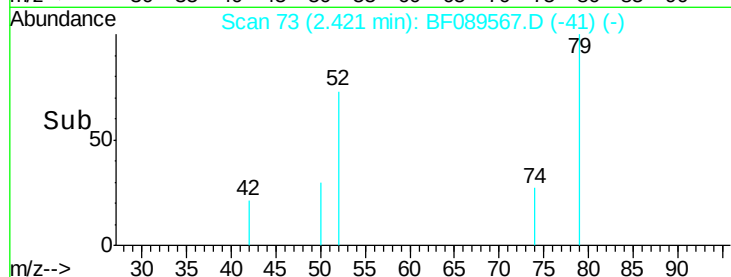
Tot Ion:	79	Resp:	17069
Ion	Ratio	Lower	Upper
79	100		
52	72.5	50.6	76.0
51	49.8	27.6	41.4#

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#4

n-Nitrosodimethylamine

Concen: 10.14 ng

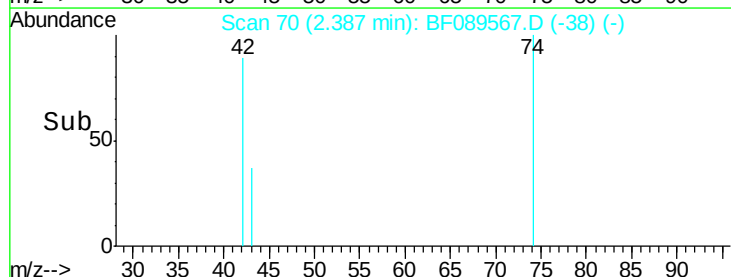
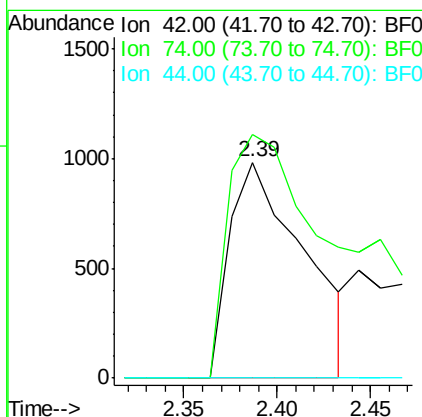
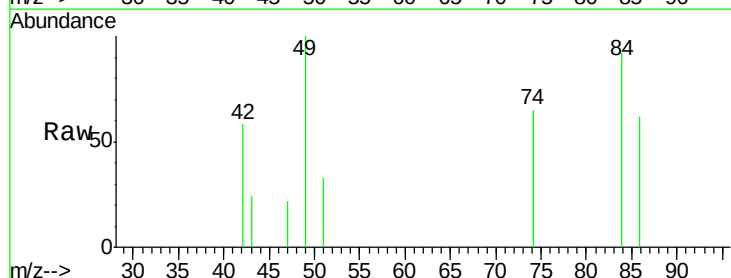
RT: 2.39 min Scan# 70

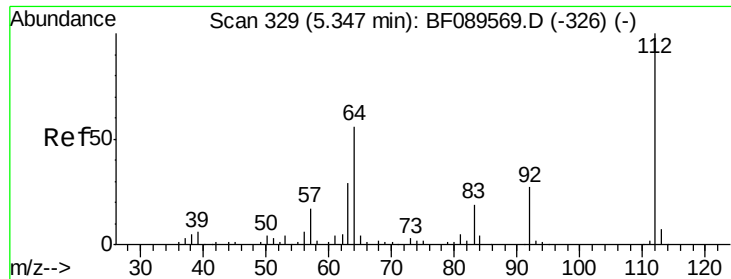
Delta R.T. 0.07 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Tgt Ion:	42	Resp:	2739
Ion	Ratio	Lower	Upper
42	100		
74	112.9	113.5	170.3#
44	0.0	5.5	8.3#





#5

2-Fluorophenol

Concen: 14.96 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.02 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

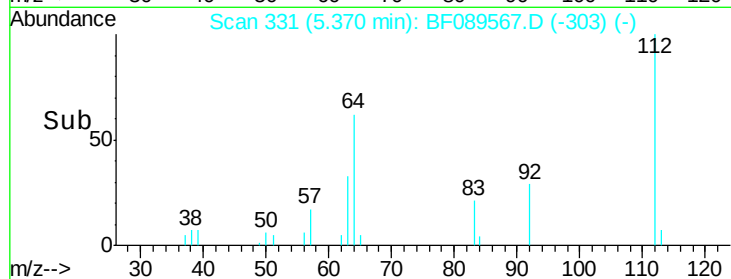
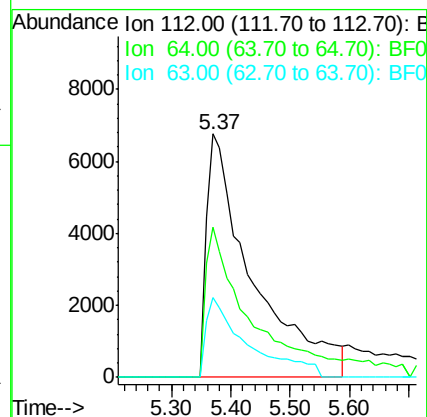
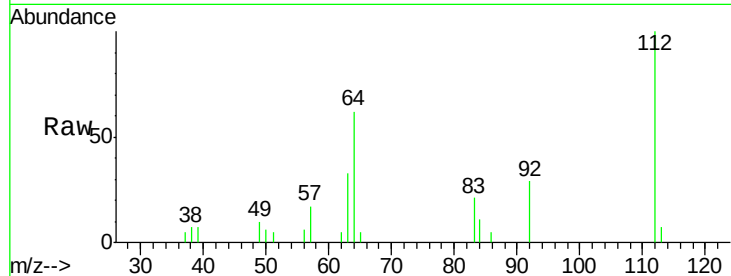
BNA_F

ClientSampleId :

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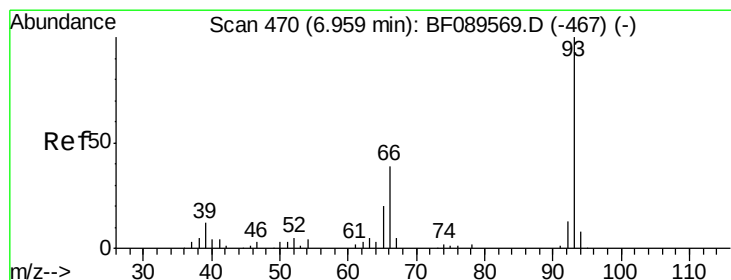
Tot Ion:	112	Resp:	36623
Ion Ratio	Lower	Upper	
112	100		
64	61.8	45.2	67.8
63	32.9	23.1	34.7

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#6

Aniline

Concen: 11.15 ng m

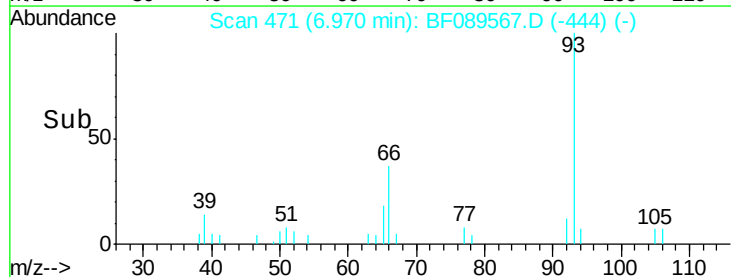
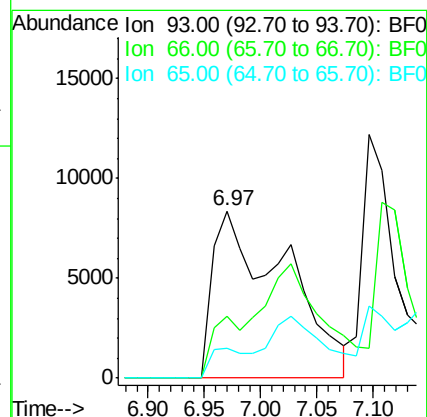
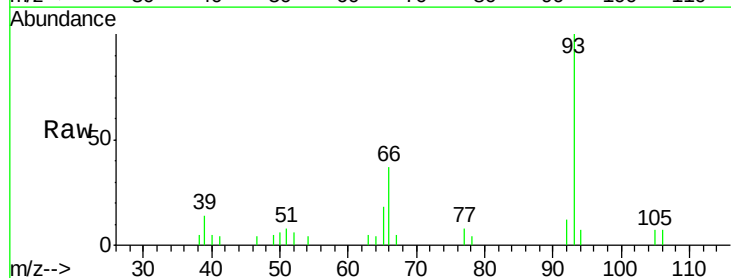
RT: 6.97 min Scan# 471

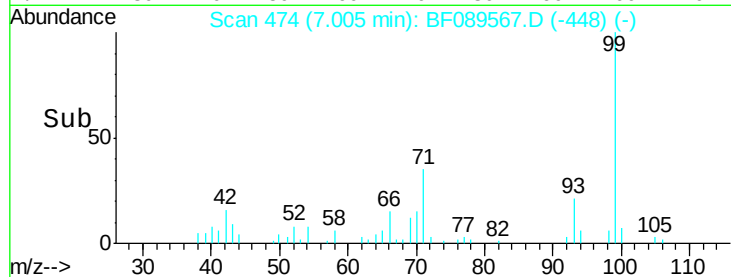
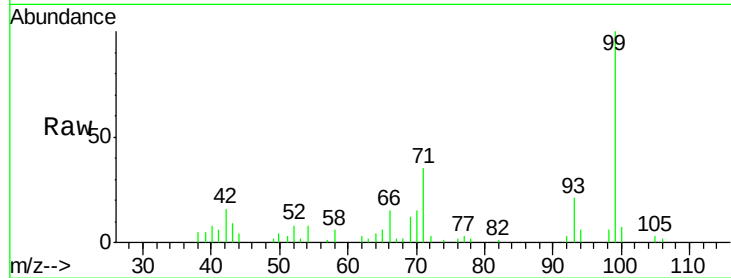
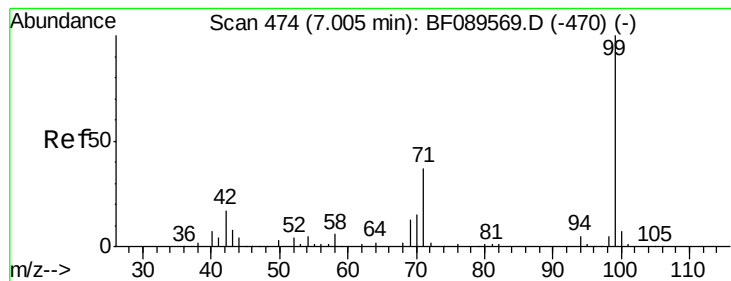
Delta R.T. 0.01 min

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Tgt Ion:	93	Resp:	37624
Ion Ratio	Lower	Upper	
93	100		
66	37.3	31.1	46.7
65	17.7	15.7	23.5





#7

Phenol-d6

Concen: 18.61 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

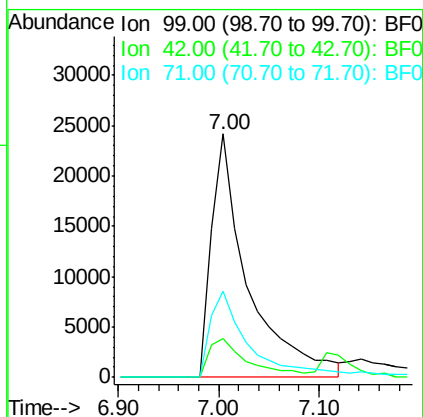
Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Tot Ion:	99	Resp:	60704
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.9	20.9
71	35.3	29.3	43.9

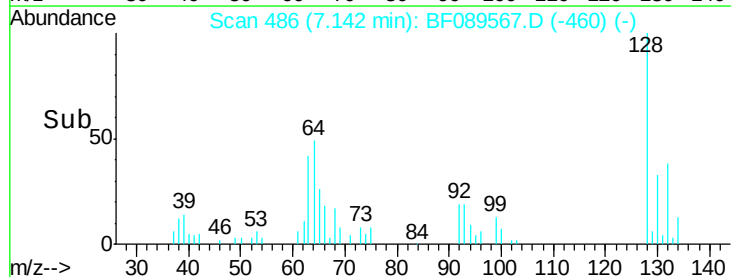
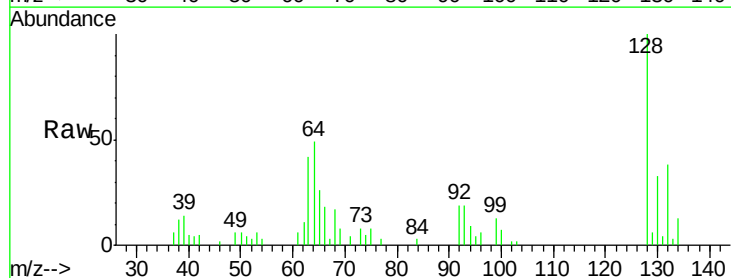
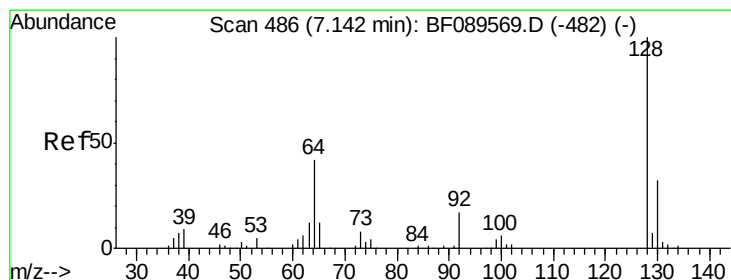
Instrument :
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#8

2-Chlorophenol

Concen: 10.03 ng

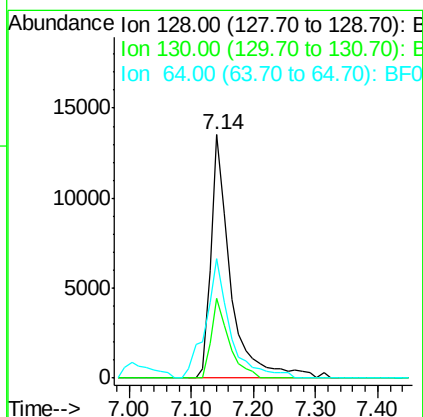
RT: 7.14 min Scan# 486

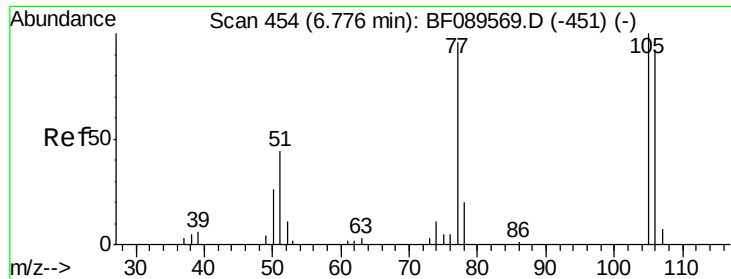
Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Tgt Ion:	128	Resp:	29388
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.4	52.4
64	48.9	24.0	64.0





#9

Benzaldehyde

Concen: 8.60 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

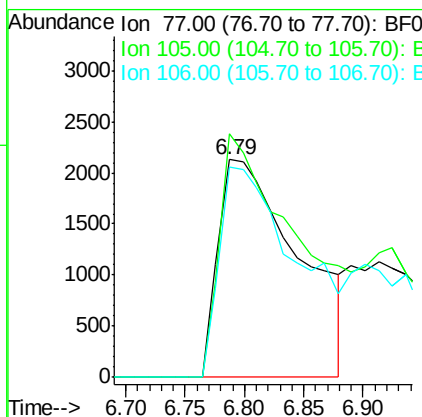
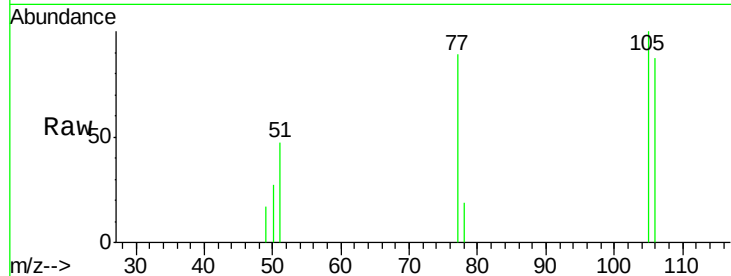
BNA_F

ClientSampleId :

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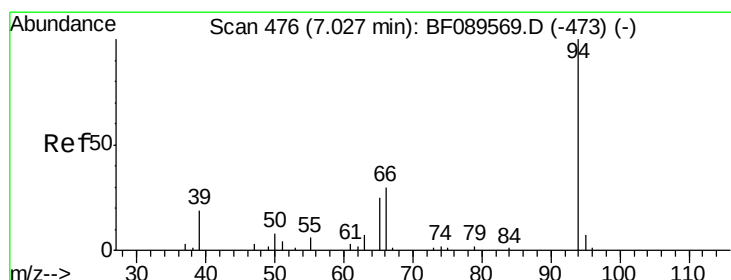
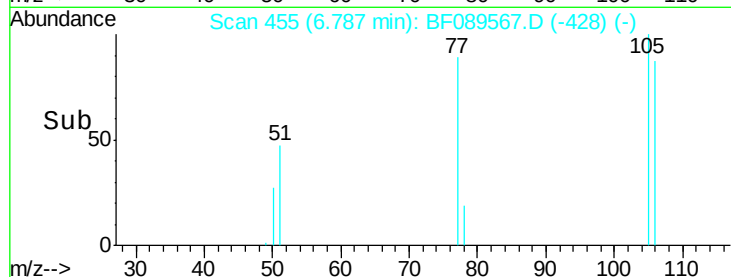
Tot Ion:	77	Resp:	9990
Ion	Ratio	Lower	Upper
77	100		
105	111.9	84.0	124.0
106	96.8	75.3	115.3

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#10

Phenol

Concen: 10.91 ng

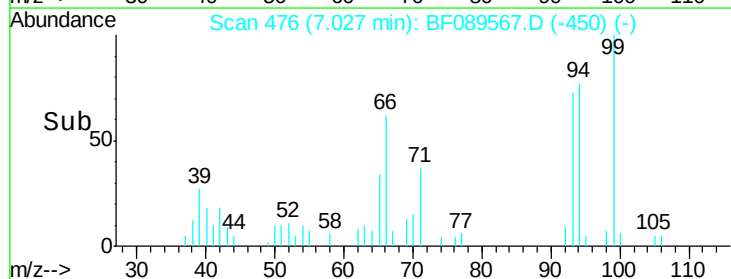
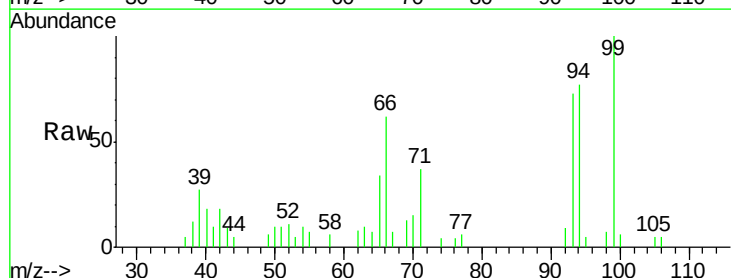
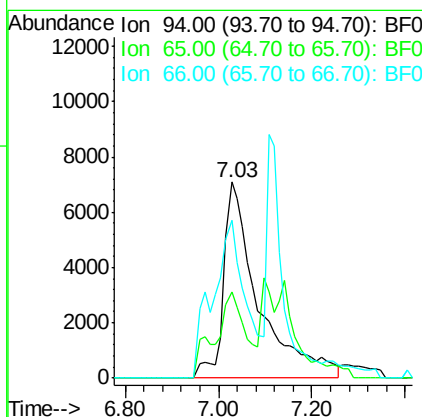
RT: 7.03 min Scan# 476

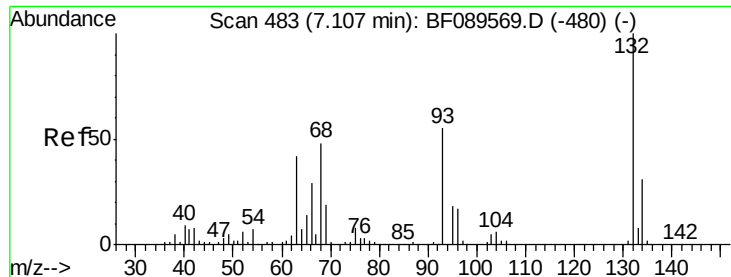
Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Tgt Ion:	94	Resp:	36872
Ion	Ratio	Lower	Upper
94	100		
65	44.1	11.9	51.9
66	80.6	30.9	70.9#



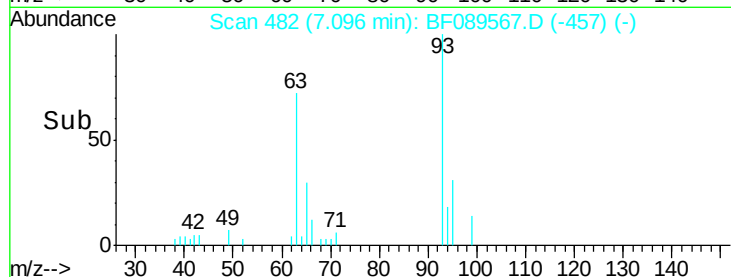
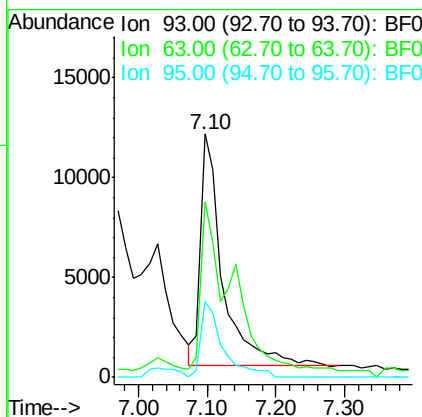
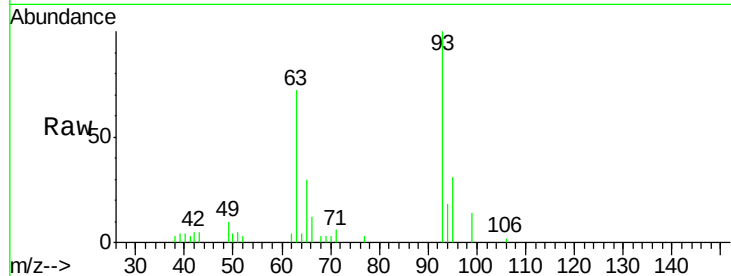


#11
bis(2-Chloroethyl)ether
Concen: 8.71 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

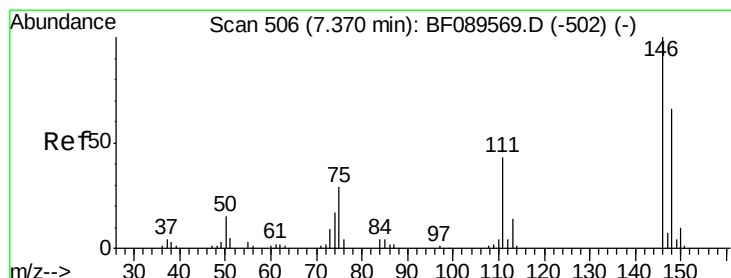
Tot Ion	Ratio	Resp	Lower	Upper
93	100	25860		
63	72.4		54.0	94.0
95	31.0		12.3	52.3

Manual Integrations
APPROVED



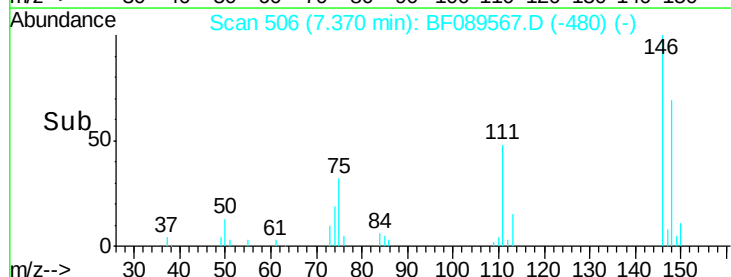
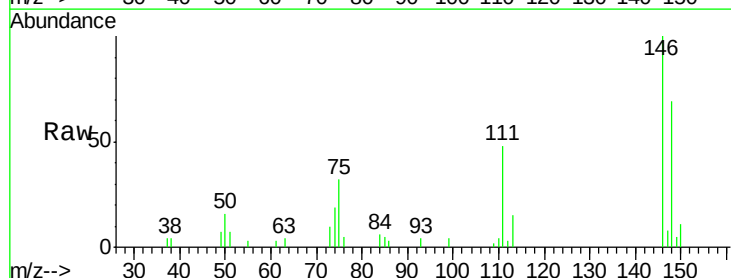
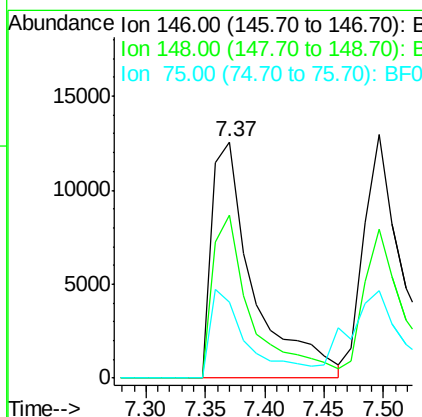
sohil

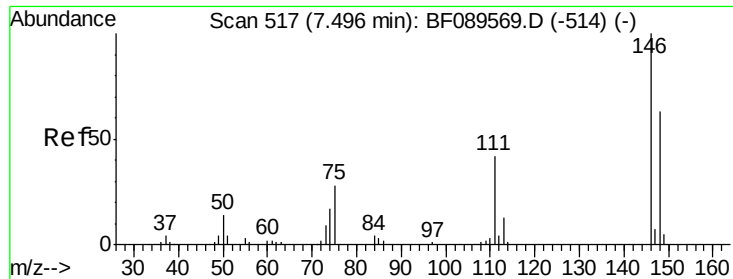
8/4/2016 6:11:14 PM



#12
1,3-Dichlorobenzene
Concen: 9.58 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	30784		
148	68.9		52.7	79.1
75	32.0		23.3	34.9



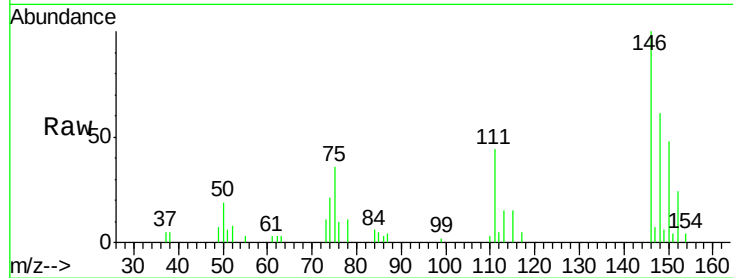


#13
 1,4-Dichlorobenzene
 Concen: 9.41 ng
 RT: 7.50 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

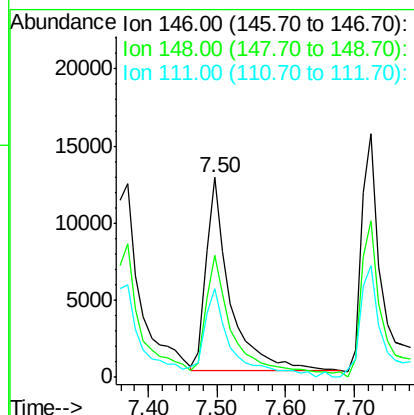
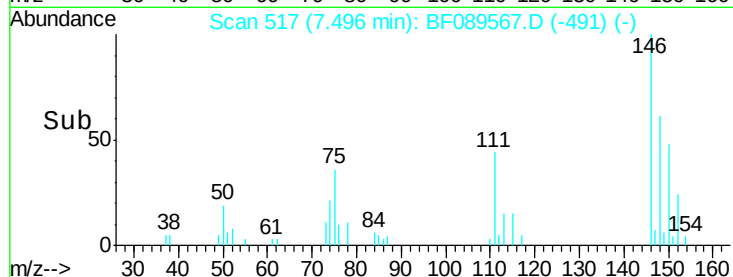
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.6	76.0
111	44.3	33.7	50.5

Manual Integrations
 APPROVED

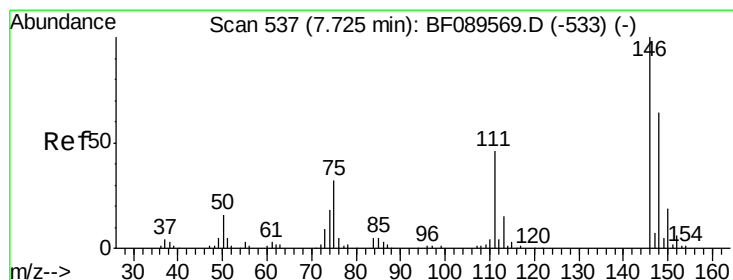


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



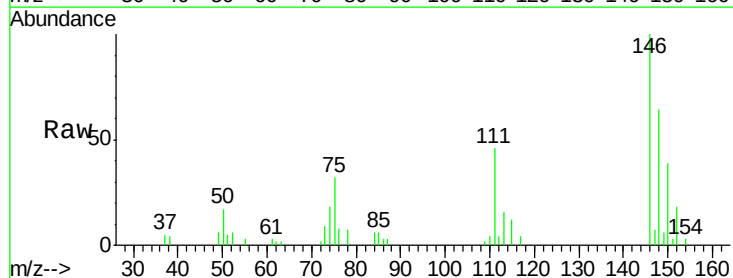
sohil

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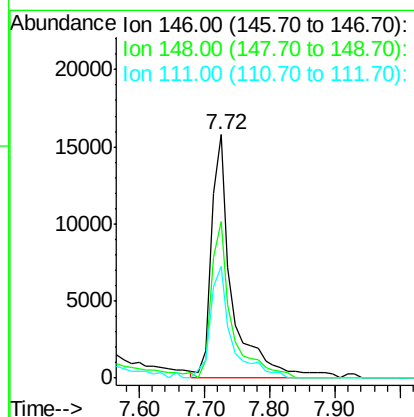
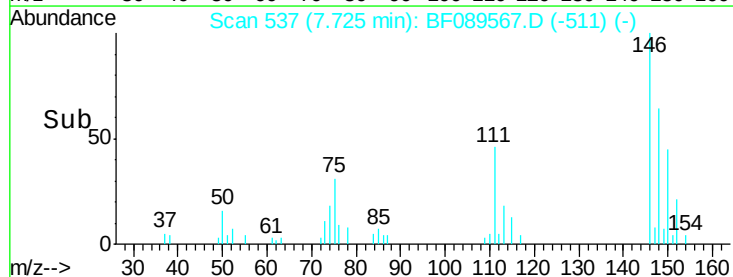


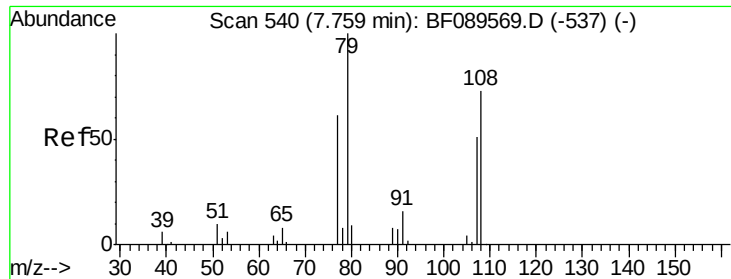
#14
 1,2-Dichlorobenzene
 Concen: 10.72 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
111	45.7	36.6	55.0



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



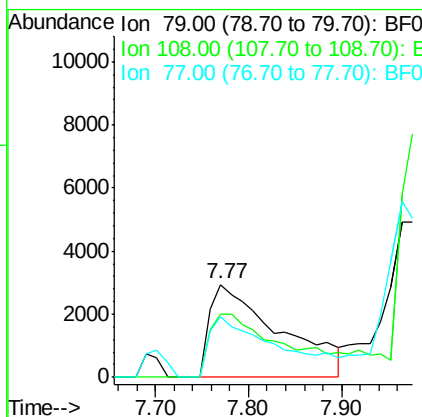
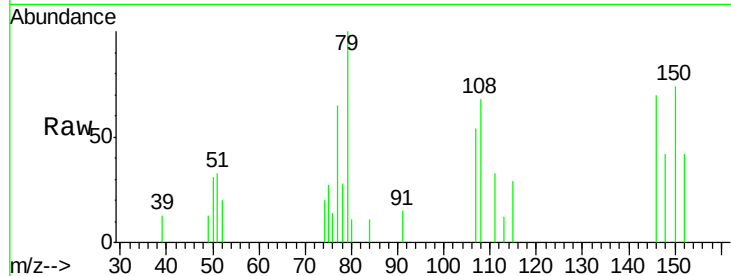


#15
Benzyl Alcohol
Concen: 7.18 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

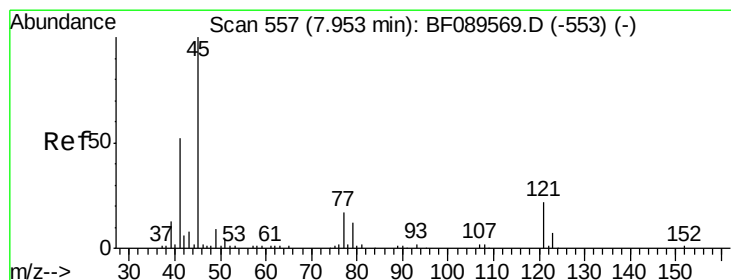
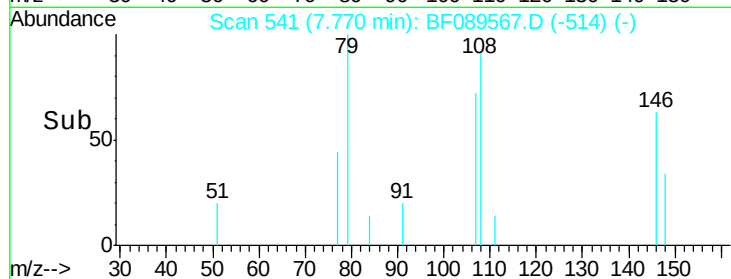
Tot Ion	Ratio	Lower	Upper
79	100		
108	68.4	60.6	90.8
77	65.2	50.0	75.0

Manual Integrations
APPROVED



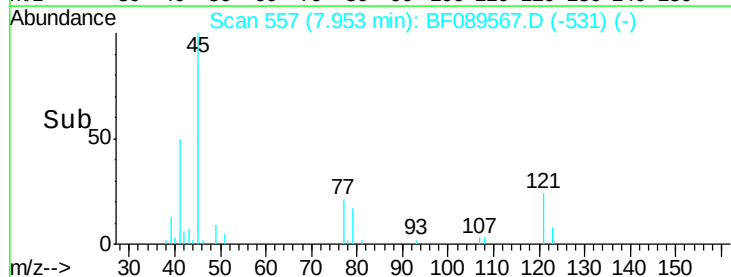
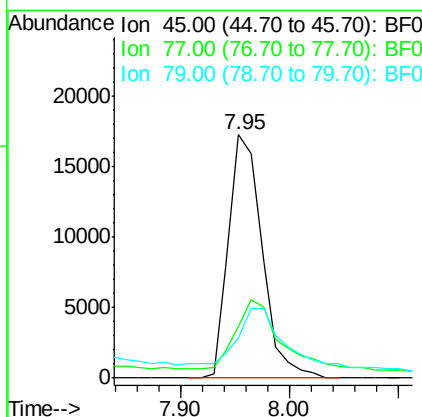
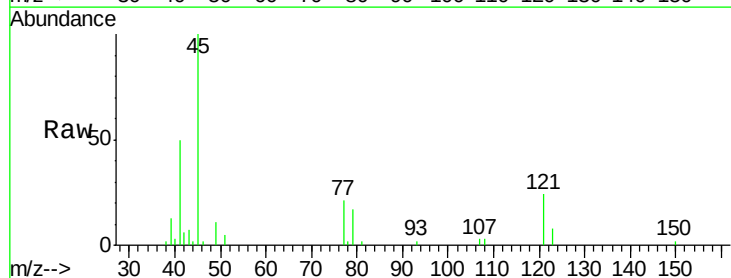
sohil

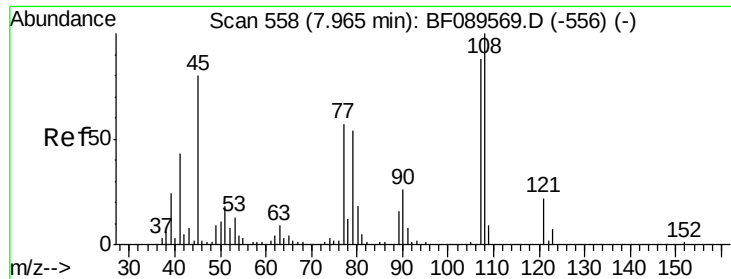
8/4/2016 6:11:14 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.09 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.1	0.0	38.9
79	16.5	0.0	35.2



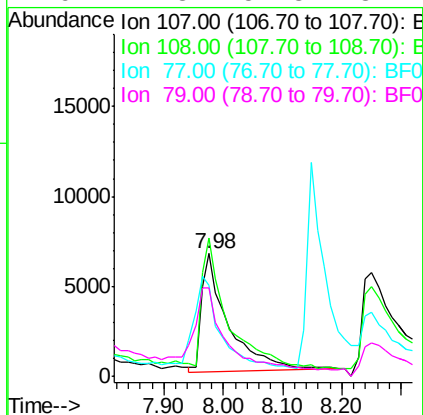
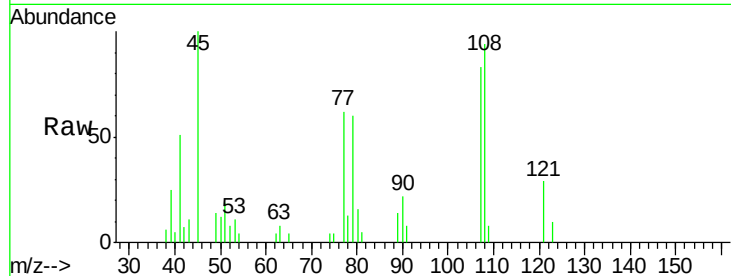


#17
2-Methylphenol
Concen: 9.81 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

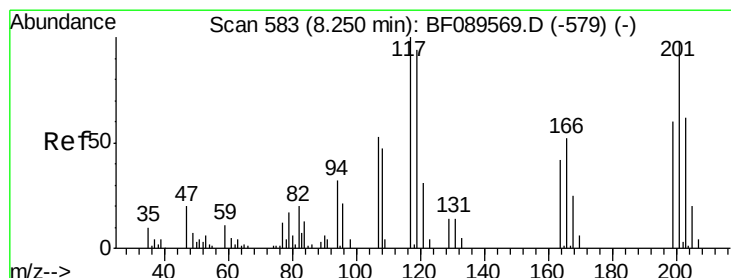
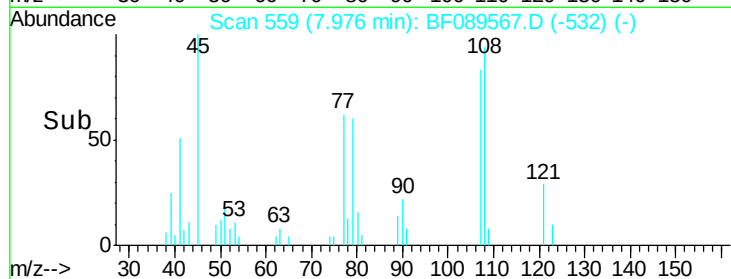
Tot Ion:	107	Resp:	21018
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.3	136.9
77	74.3	58.1	87.1
79	72.3	54.8	82.2

Manual Integrations
APPROVED



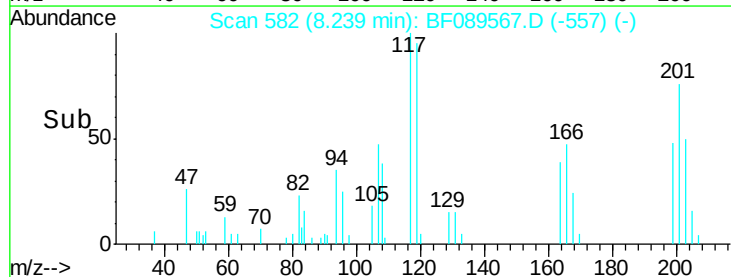
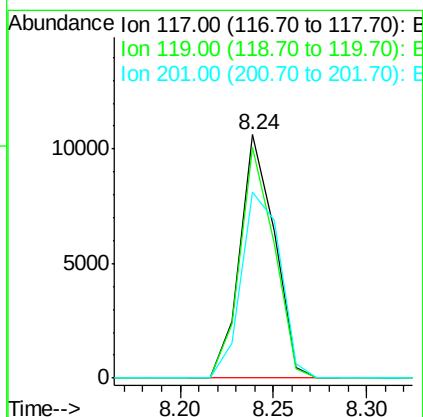
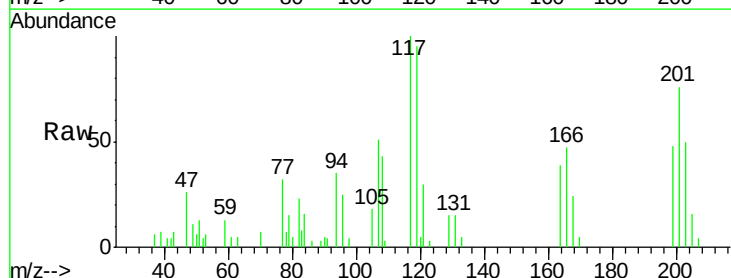
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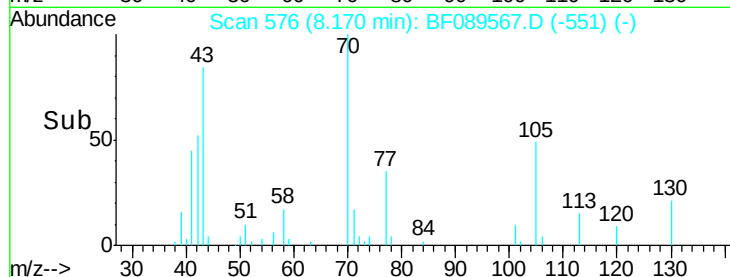
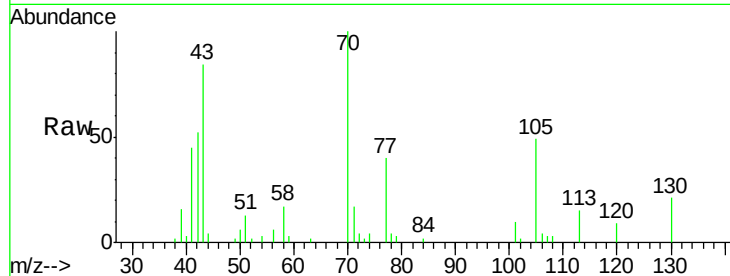
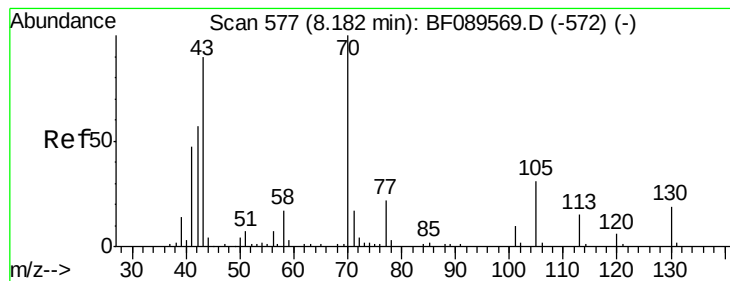
8/4/2016 6:11:14 PM



#18
Hexachloroethane
Concen: 10.17 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:	117	Resp:	13698
Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.5	113.3
201	76.2	78.8	118.2#





#19

n-Nitroso-di-n-propylamine

Concen: 18.64 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Tot Ion:	70	Resp:	22764
Ion Ratio	Lower	Upper	
70	100		
42	51.5	45.5	68.3
101	9.8	7.7	11.5
130	20.7	15.3	22.9

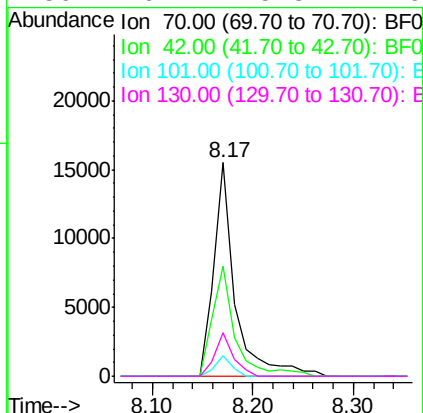
Instrument :

BNA_F

ClientSampled :

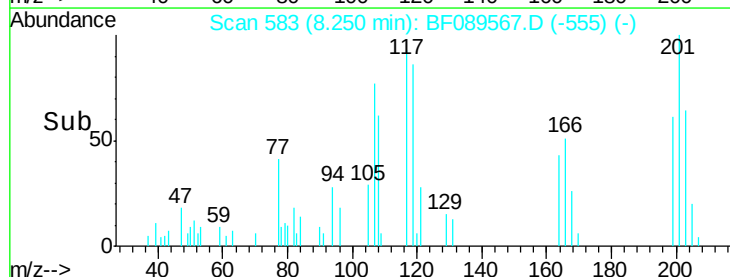
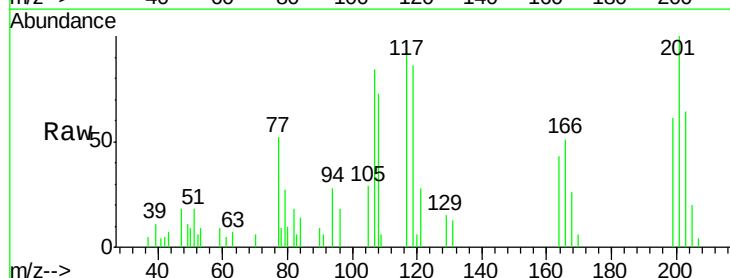
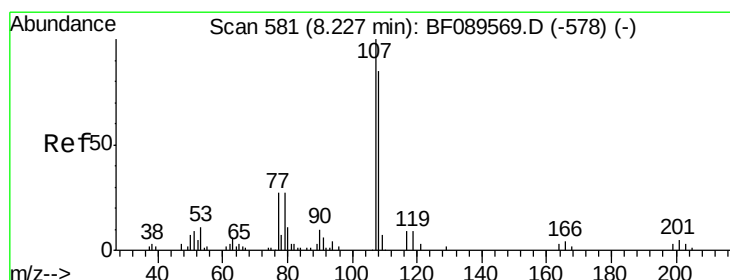
SSTDIC010

Manual Integrations
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#20

3+4-Methylphenols

Concen: 9.42 ng

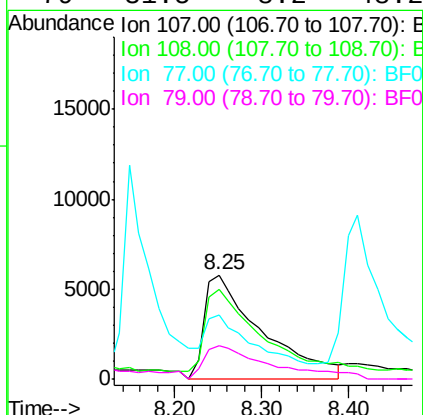
RT: 8.25 min Scan# 583

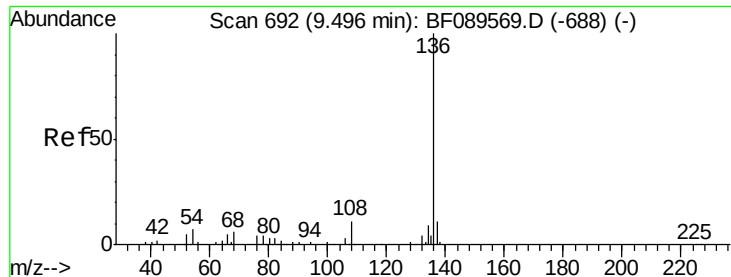
Delta R.T. 0.02 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Tgt Ion:	107	Resp:	26445
Ion Ratio	Lower	Upper	
107	100		
108	86.5	65.6	105.6
77	61.8	20.1	60.1#
79	31.5	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: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

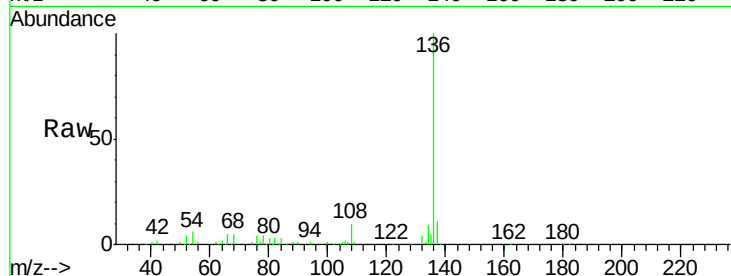
BNA_F

ClientSampled :

SSTDIC010

Tot Ion	136	Resp	175168
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	6.2	5.9	8.9
68	4.9	4.5	6.7

Manual Integrations
APPROVED



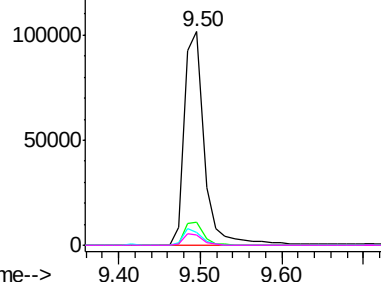
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

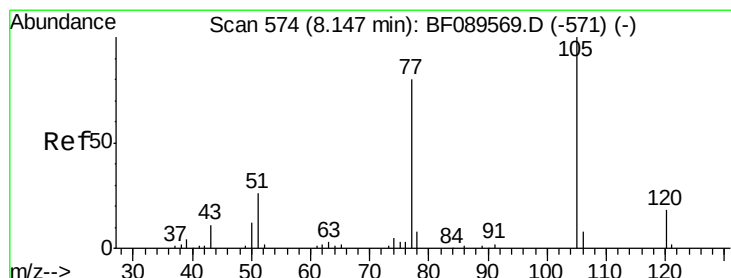
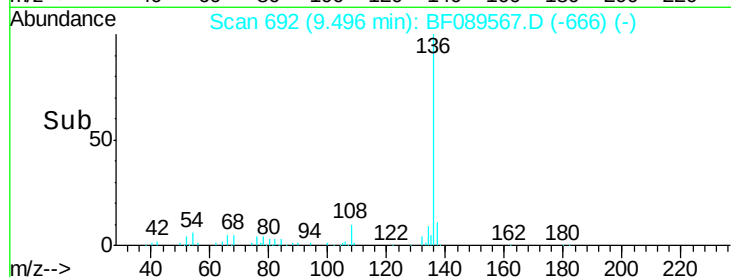
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



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#22

Acetophenone

Concen: 8.01 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Tgt Ion	105	Resp	33325
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.0	0.0
51	26.4	21.1	31.7
120	17.4	14.7	22.1

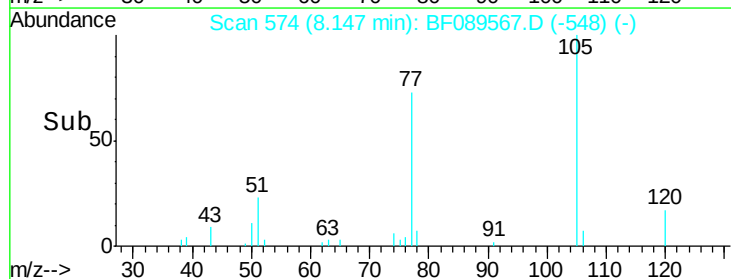
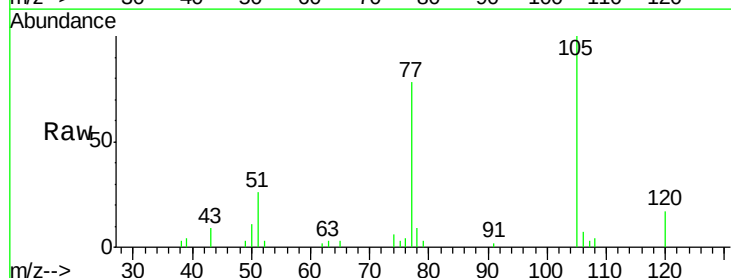
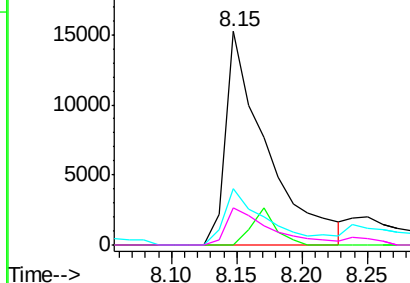
Abundance

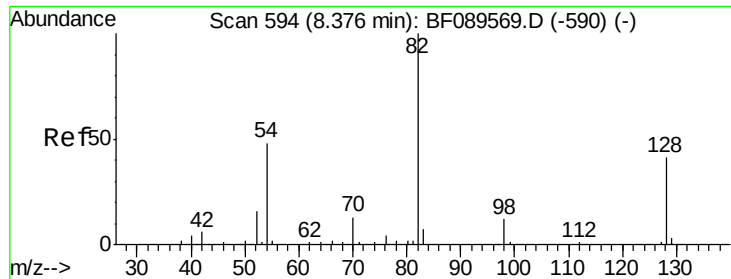
Ion 105.00 (104.70 to 105.70): E

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



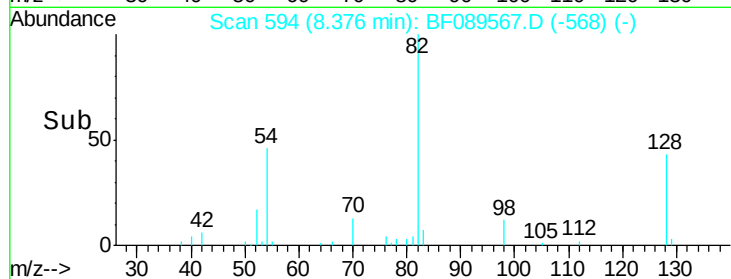
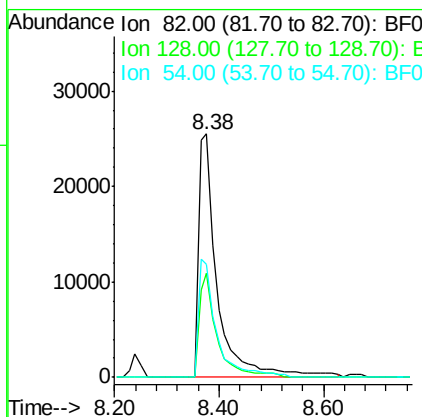
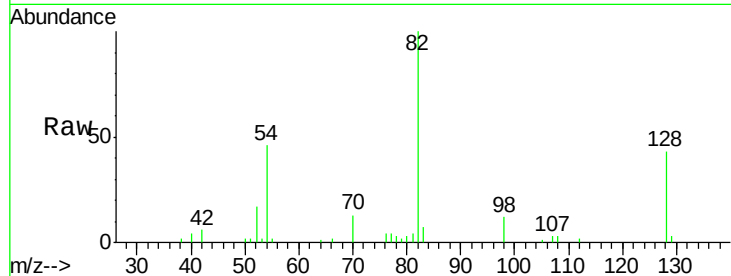


#23
 Nitrobenzene-d5
 Concen: 20.14 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

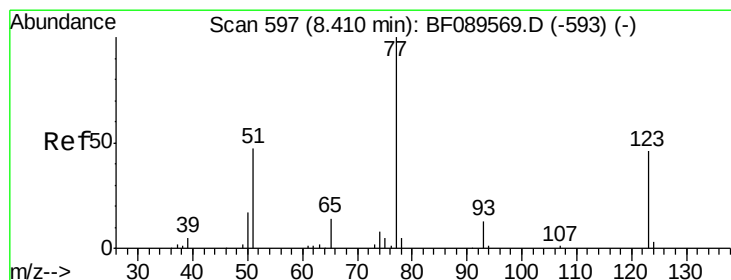
Tot Ion:	82	Resp:	63782
Ion Ratio	Lower	Upper	
82	100		
128	42.7	32.4	48.6
54	46.3	38.6	58.0

Manual Integrations
 APPROVED



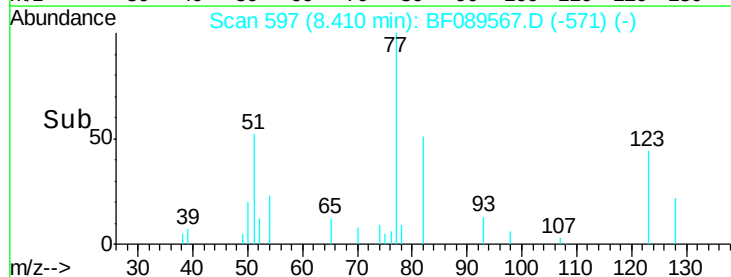
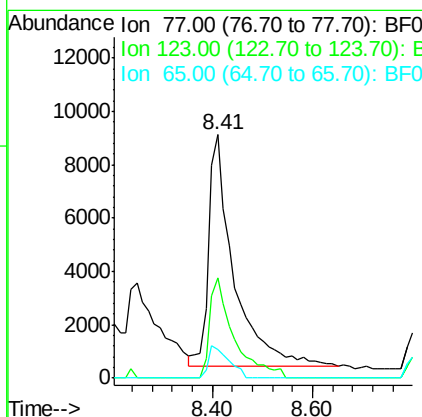
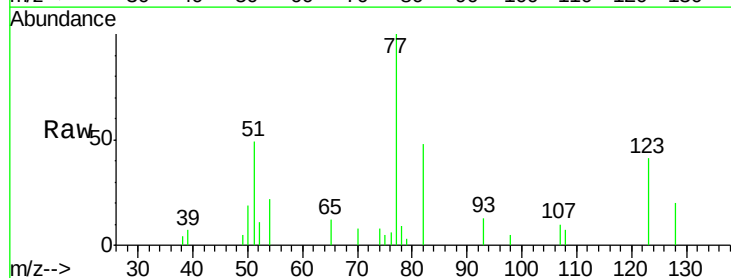
sohil

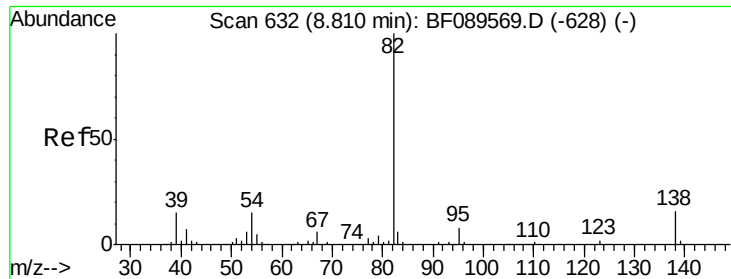
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#24
 Nitrobenzene
 Concen: 9.03 ng
 RT: 8.41 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:	77	Resp:	29747
Ion Ratio	Lower	Upper	
77	100		
123	41.2	36.2	54.2
65	11.5	10.7	16.1



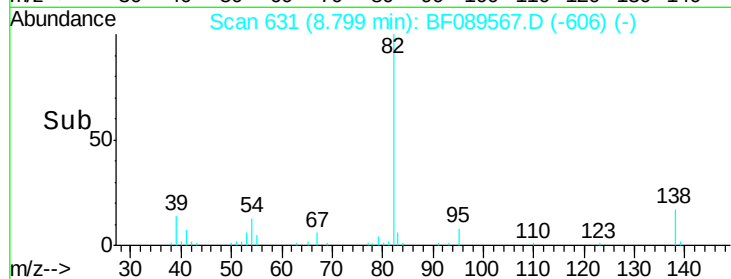
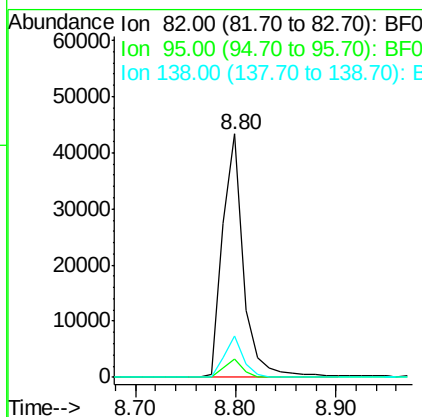
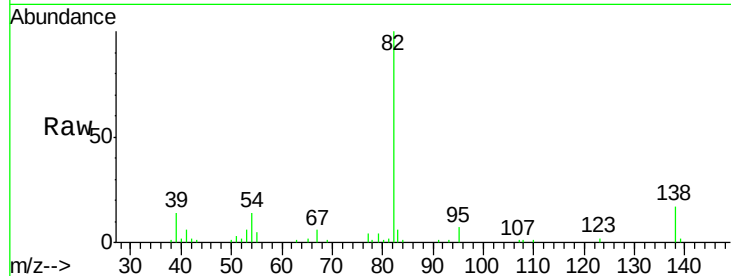


#25
Isophorone
Concen: 10.50 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

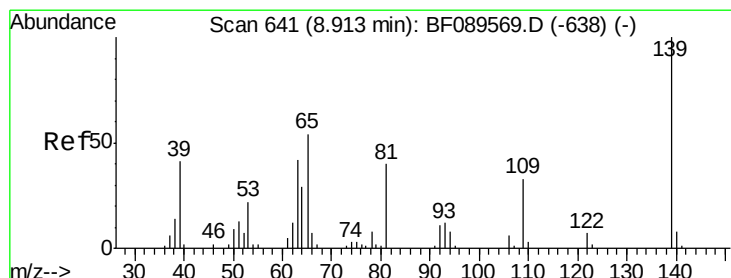
Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.1	9.1
138	17.0	13.0	19.4

Manual Integrations
APPROVED



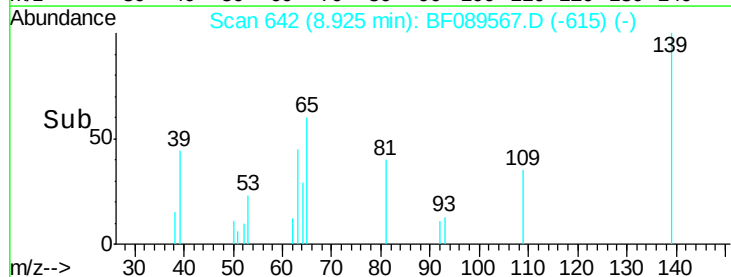
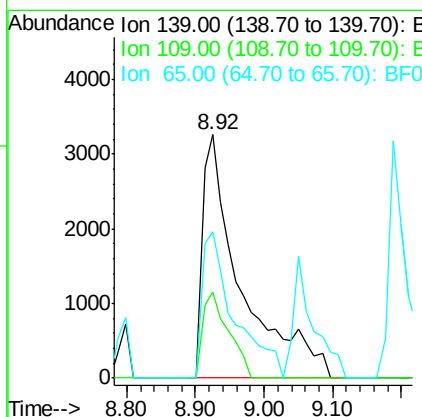
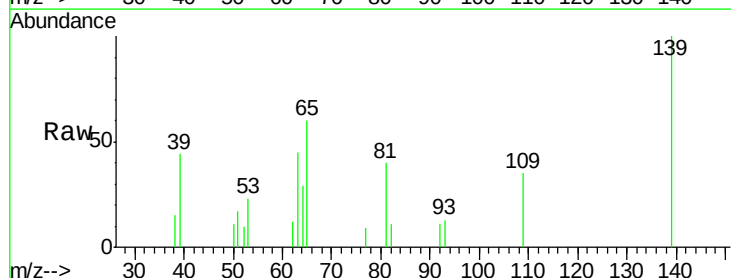
sohil

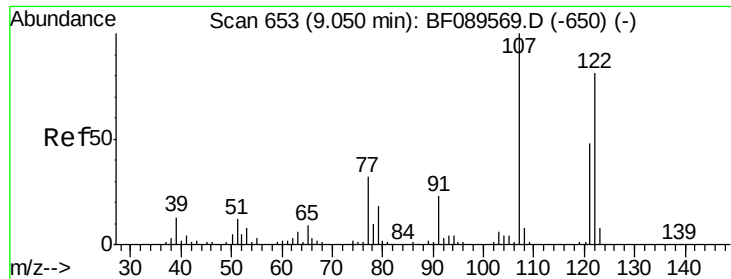
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#26
2-Nitrophenol
Concen: 9.18 ng
RT: 8.92 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	35.4	26.7	40.1
65	60.2	43.3	64.9



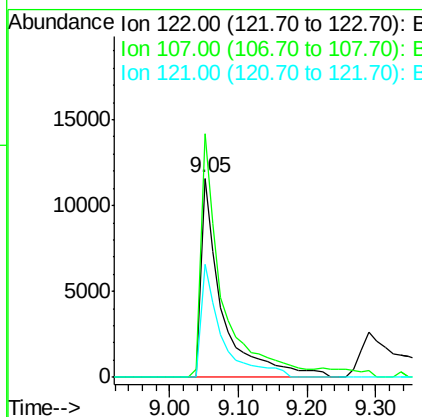
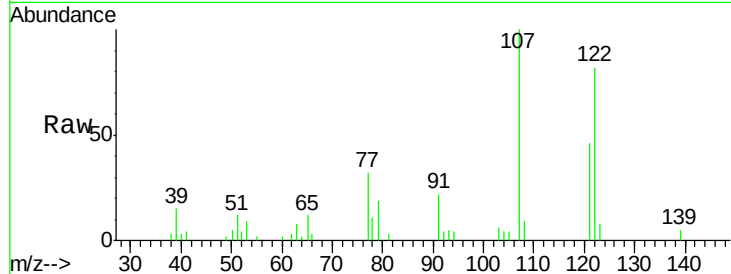


#27
 2,4-Dimethylphenol
 Concen: 9.88 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC010

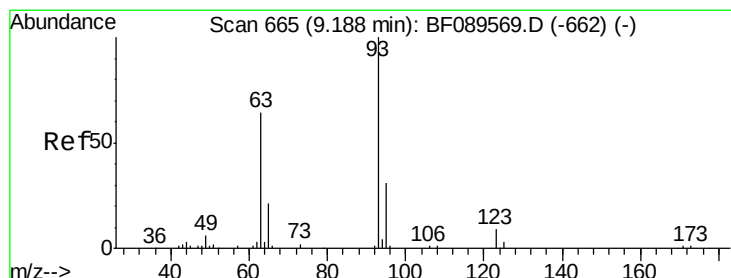
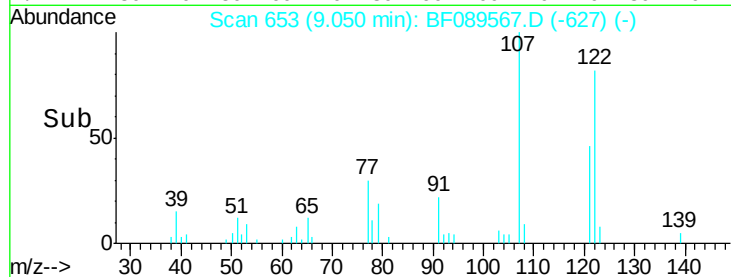
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.5	99.3	148.9
121	56.7	47.8	71.8

Manual Integrations
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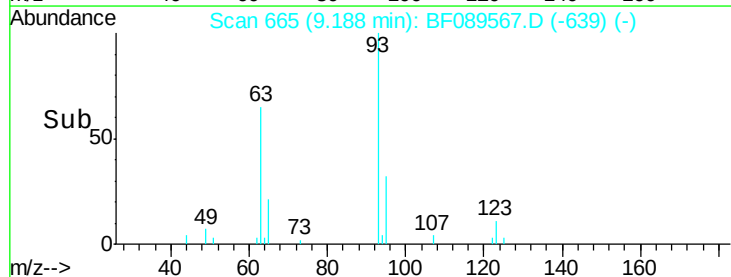
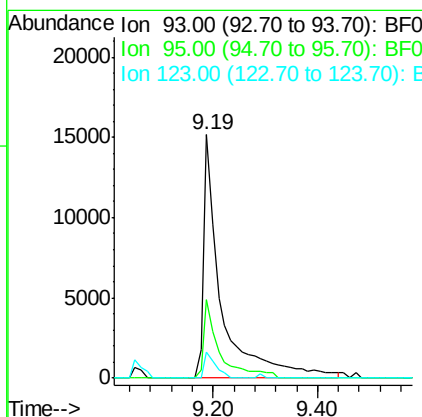
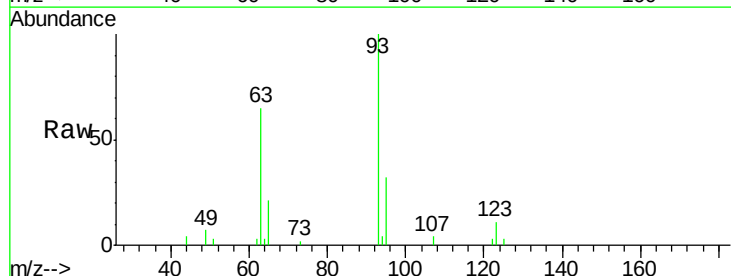
sohil

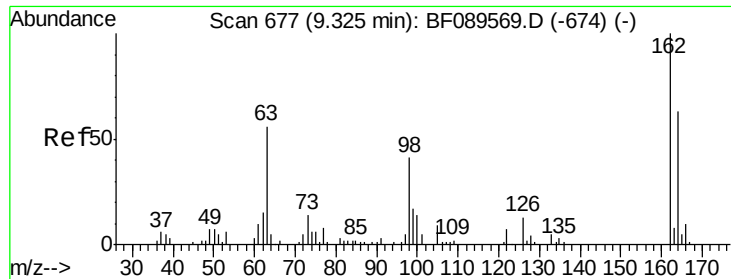
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#28
 bis(2-Chloroethoxy)methane
 Concen: 10.01 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.0	37.6
123	10.6	7.4	11.2



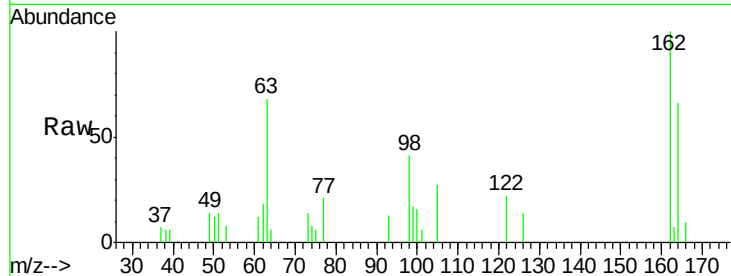


#29
 2,4-Dichlorophenol
 Concen: 9.35 ng
 RT: 9.35 min Scan# 679
 Delta R.T. 0.02 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

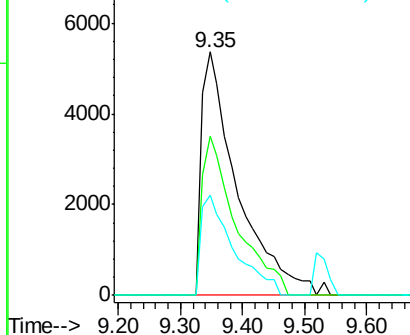
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC010

Tot Ion:	162	Resp:	21628
Ion Ratio	Lower	Upper	
162	100		
164	65.5	43.1	83.1
98	41.1	20.7	60.7

Manual Integrations
 APPROVED

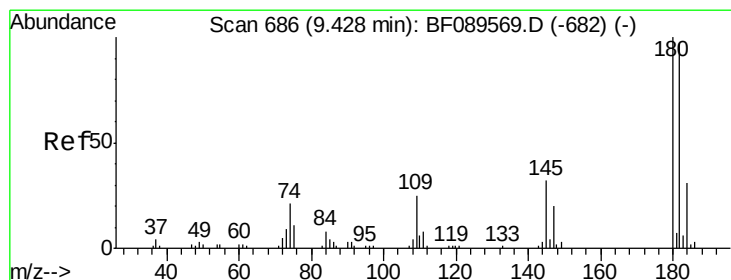
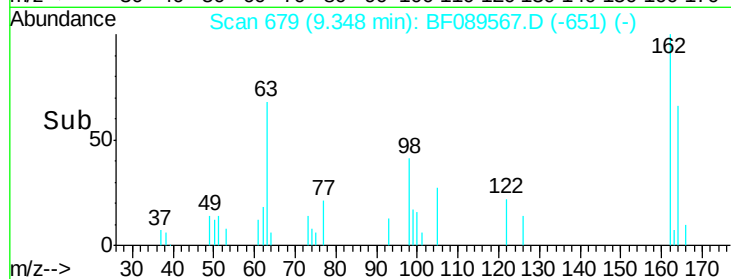


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0



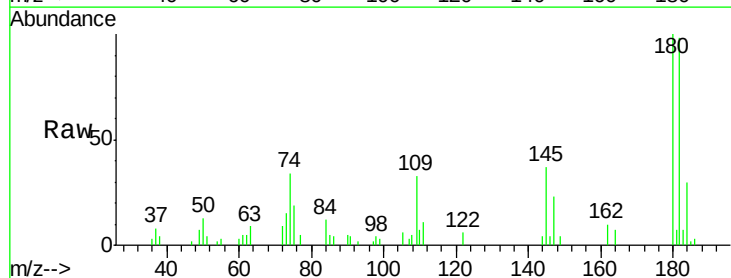
sohil

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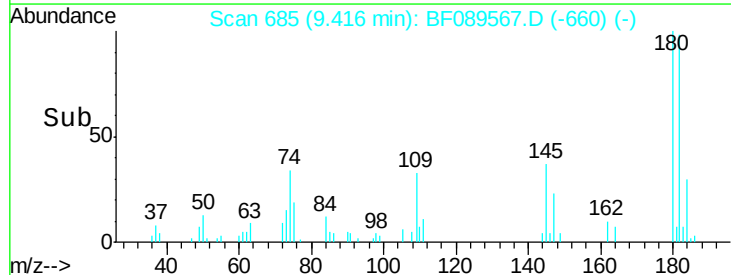
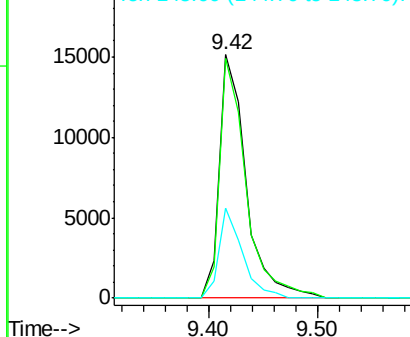


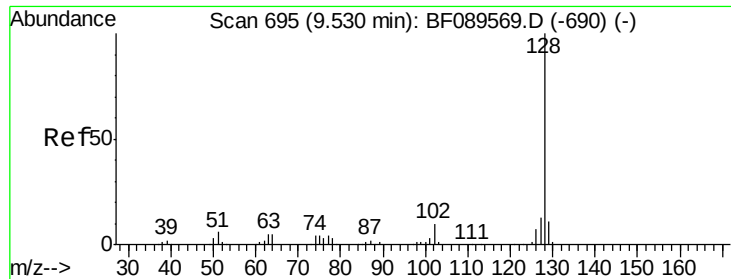
#30
 1,2,4-Trichlorobenzene
 Concen: 9.83 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:	180	Resp:	26000
Ion Ratio	Lower	Upper	
180	100		
182	98.4	77.2	115.8
145	36.7	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



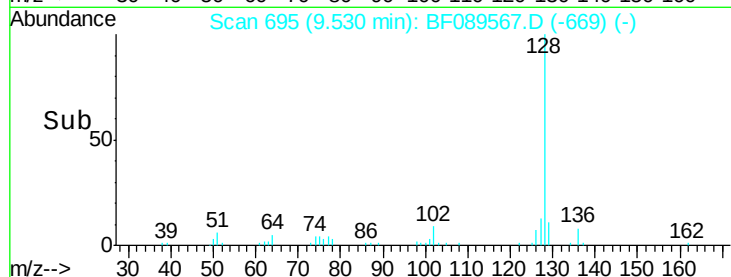
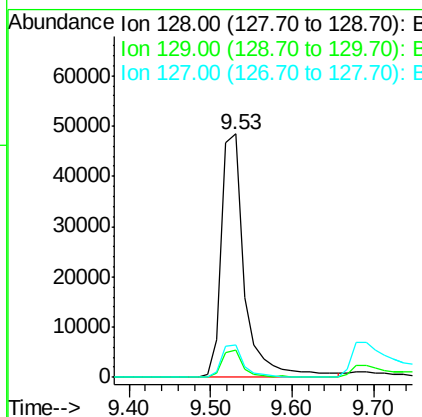
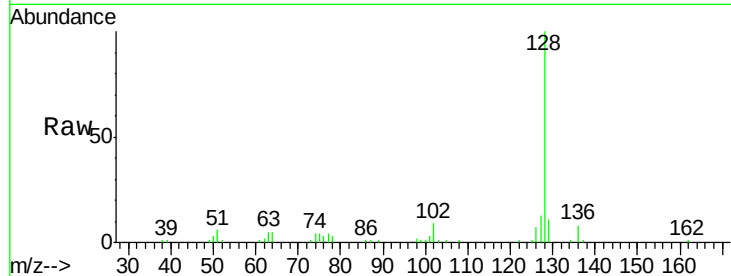


#31
Naphthalene
Concen: 10.28 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

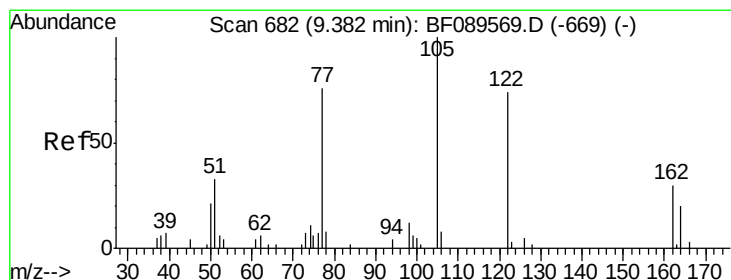
Tot Ion:	128	Resp:	95728
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.2	10.8	16.2

Manual Integrations
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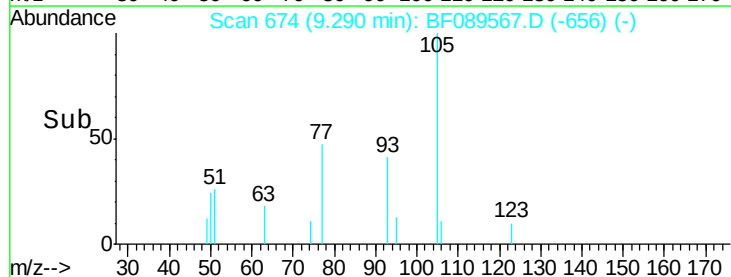
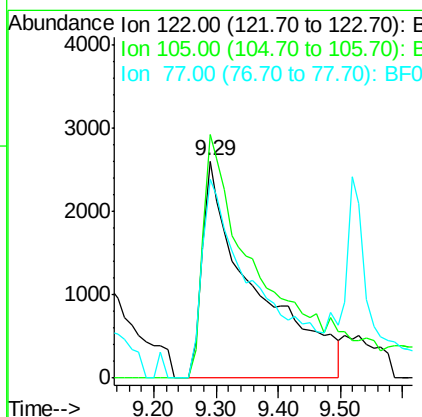
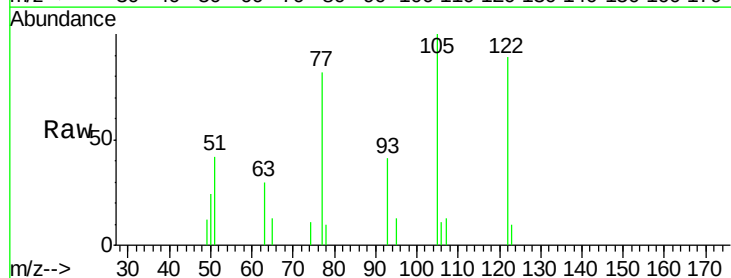
sohil

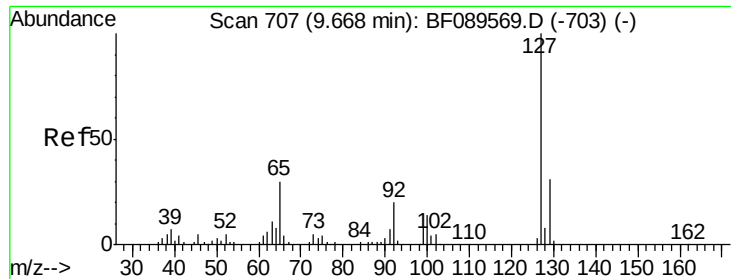
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#32
Benzoic acid
Concen: 9.18 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.09 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:	122	Resp:	15004
Ion	Ratio	Lower	Upper
122	100		
105	112.1	109.8	149.8
77	91.6	81.8	121.8



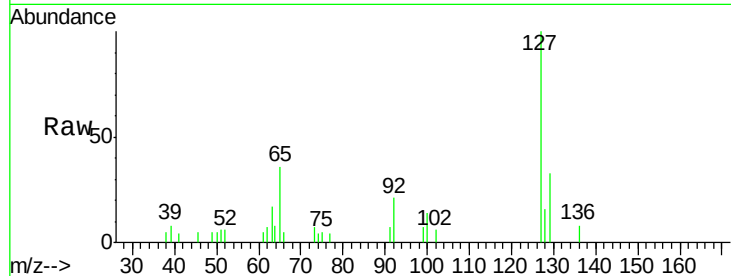


#33
4-Chloroaniline
Concen: 9.62 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

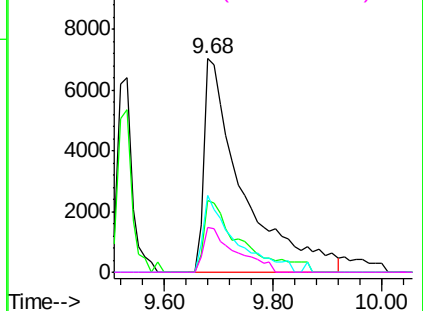
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	25.0	37.4		
65	36.0	24.3	36.5		
92	20.9	16.2	24.4		

Manual Integrations
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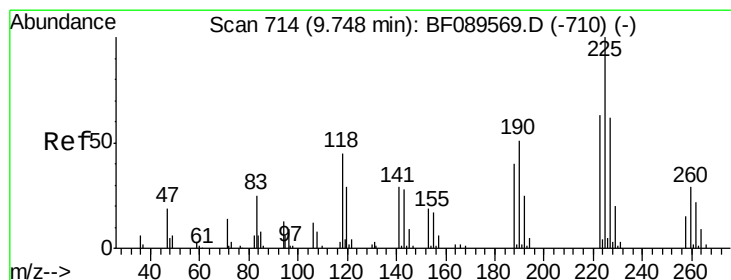
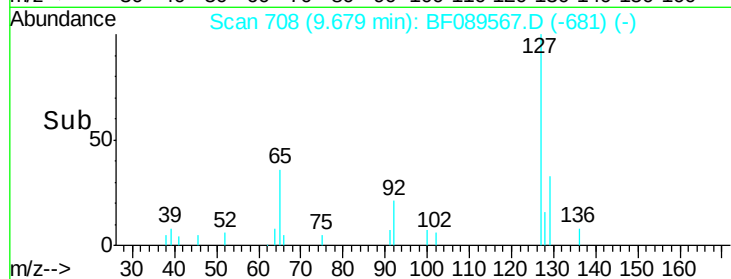


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



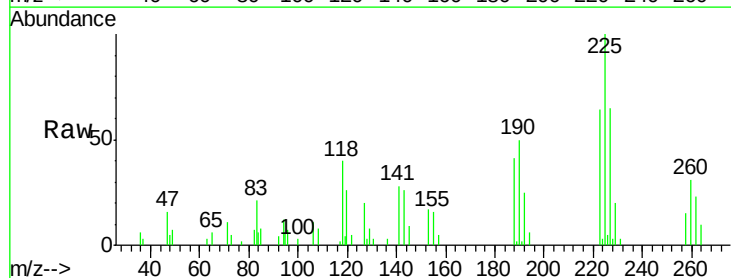
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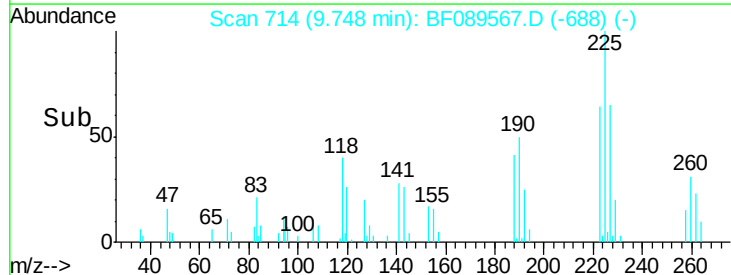
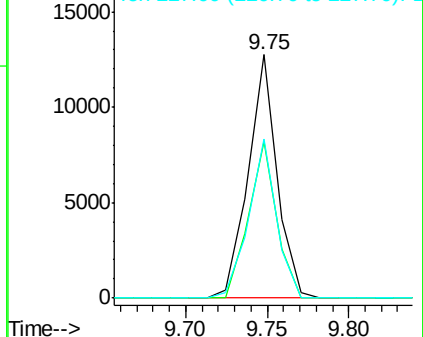


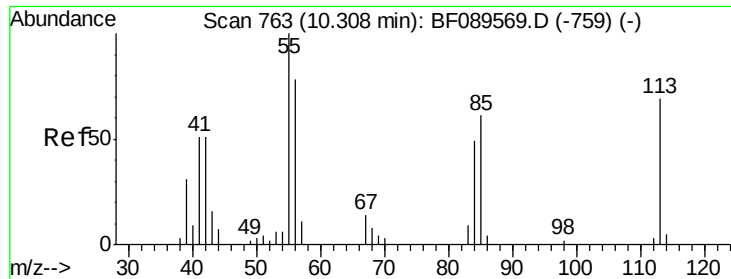
#34
Hexachlorobutadiene
Concen: 10.20 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	50.3	75.5		
227	65.1	49.6	74.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



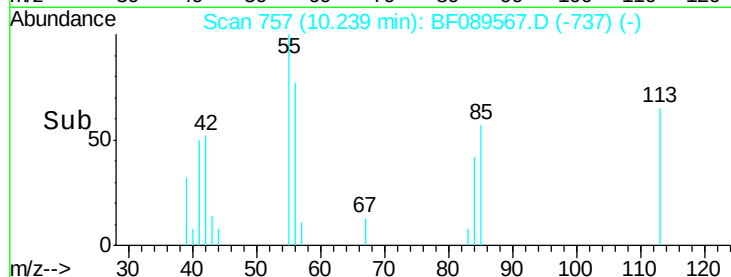
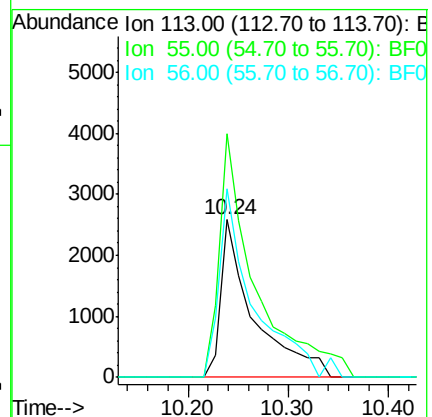
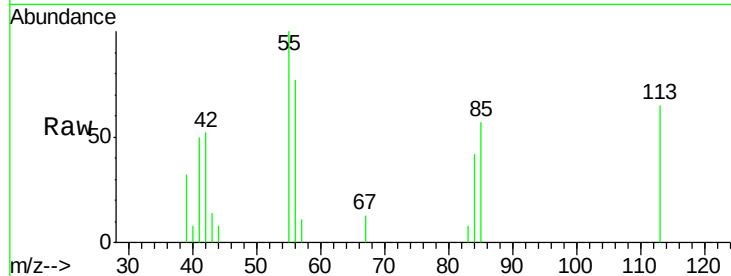


#35
Caprolactam
Concen: 8.66 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.07 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

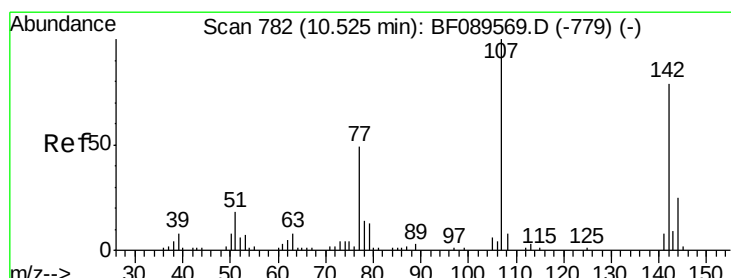
Tot Ion:113 Resp: 5892
Ion Ratio Lower Upper
113 100
55 154.7 124.4 164.4
56 119.7 92.2 132.2

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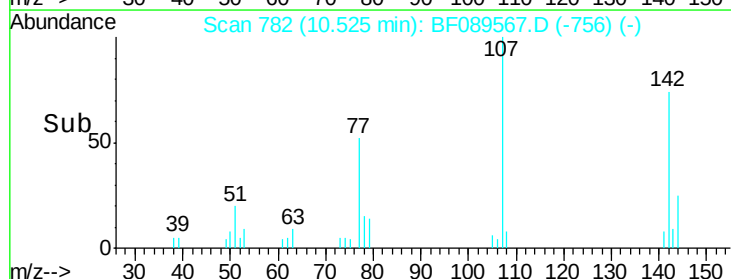
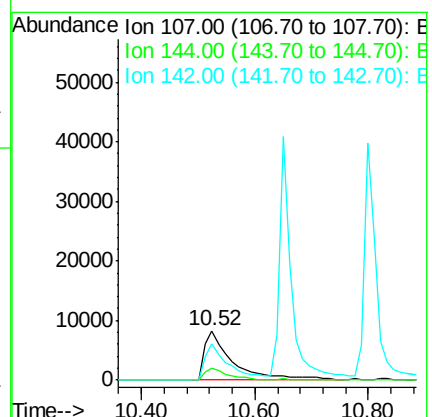
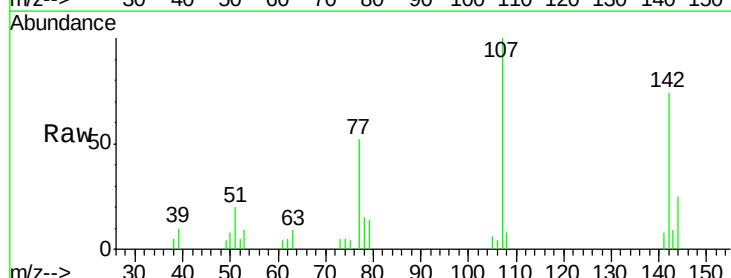
sohil

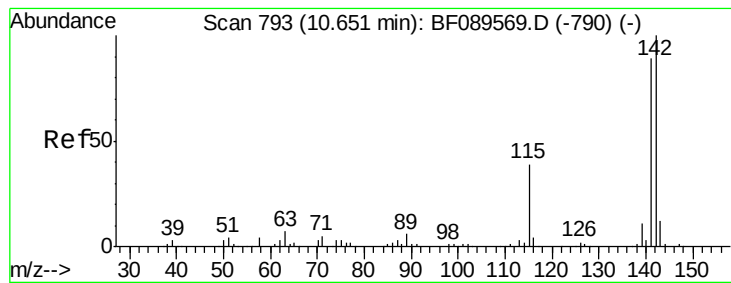
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#36
4-Chloro-3-methylphenol
Concen: 10.19 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:107 Resp: 27627
Ion Ratio Lower Upper
107 100
144 25.0 19.9 29.9
142 74.2 63.0 94.6



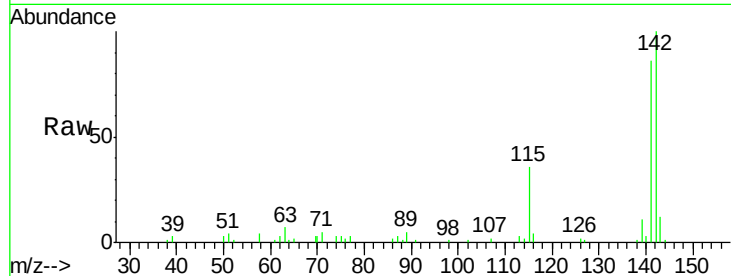


#37
2-Methylnaphthalene
Concen: 10.14 ng
RT: 10.65 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

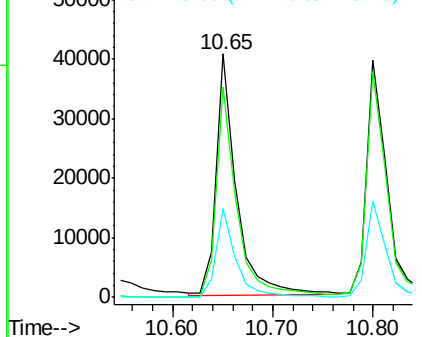
Instrument :
BNA_F
ClientSampled :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.9	106.3
115	36.3	30.7	46.1

Manual Integrations
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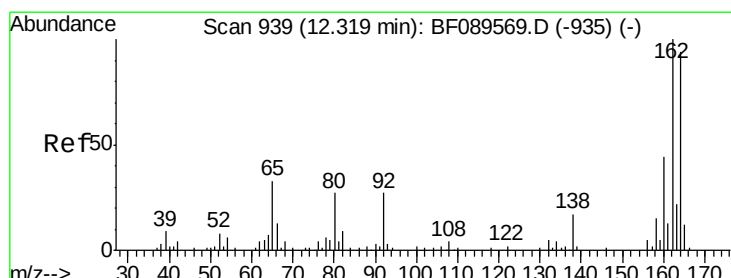
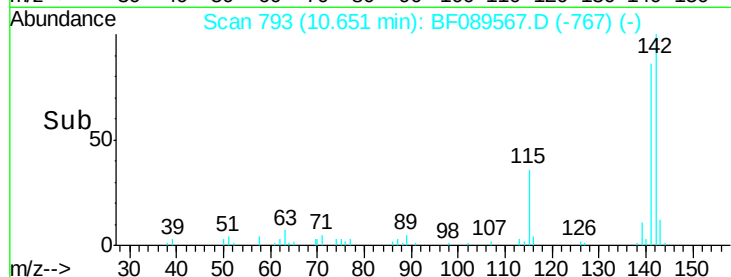


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



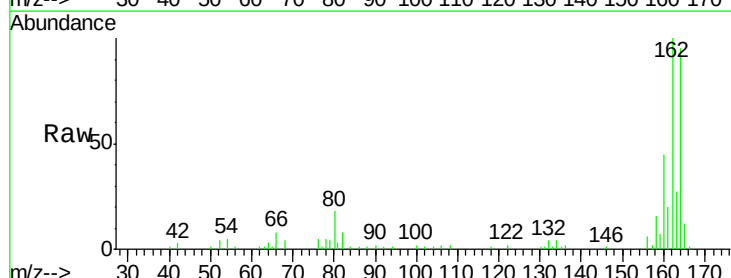
sohil

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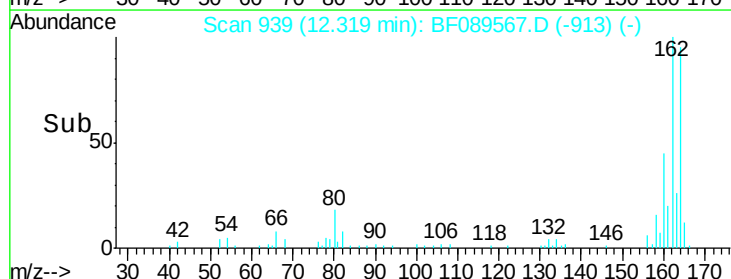
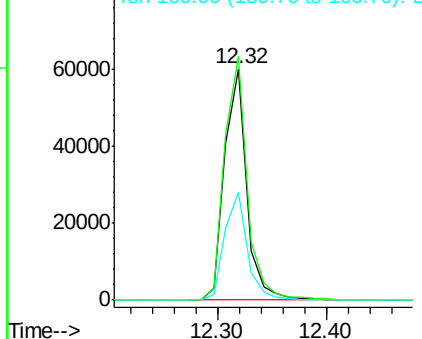


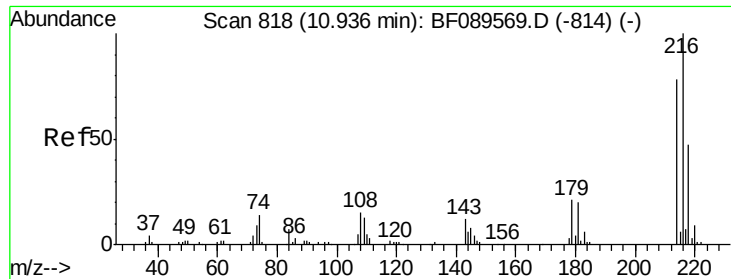
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.32 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.4	128.2
160	46.9	37.3	55.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



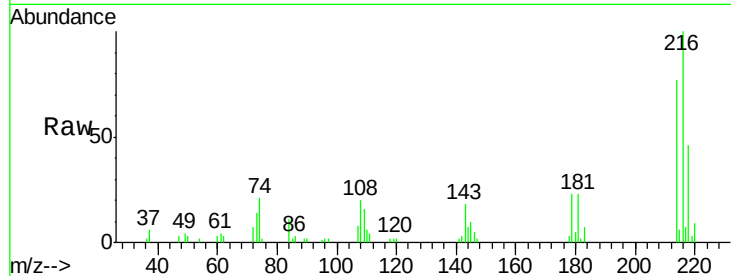


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.79 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

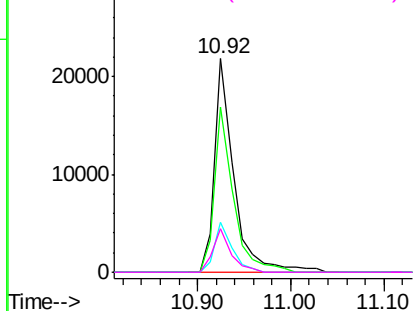
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
216	100		
214	75.7	62.5	93.7
179	21.4	18.0	27.0
108	18.9	16.2	24.4

Manual Integrations
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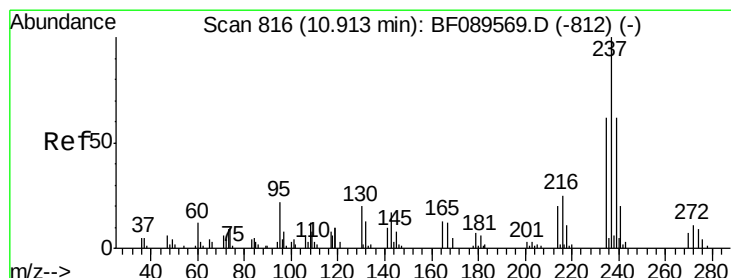
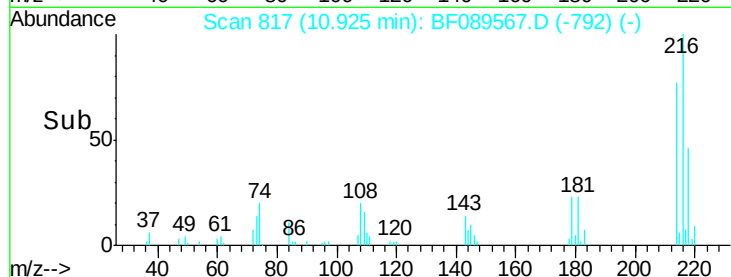


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



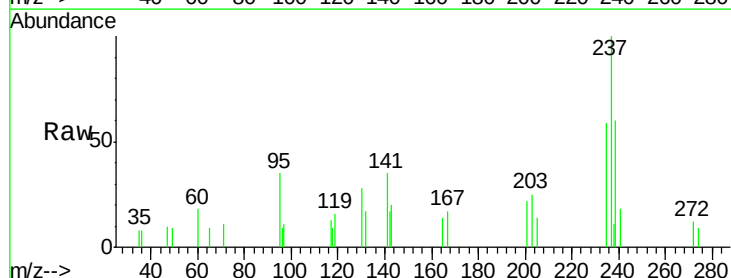
sohil

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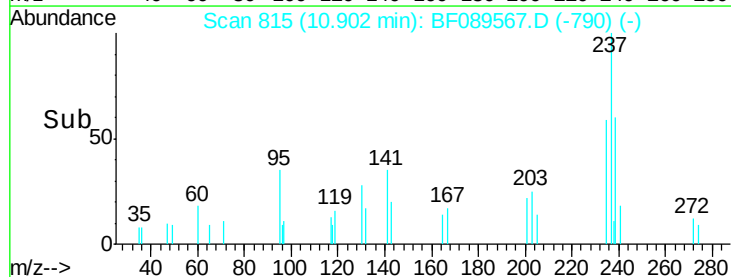
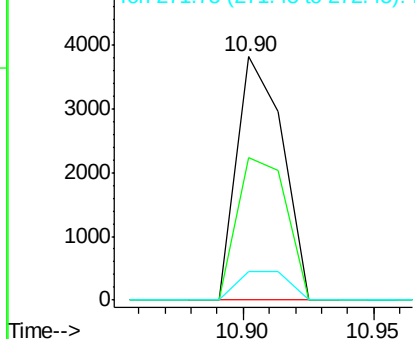


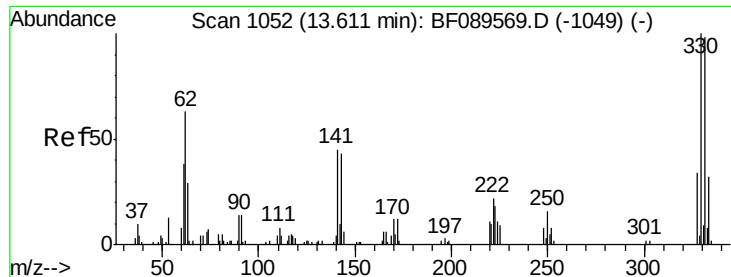
#40
 Hexachlorocyclopentadiene
 Concen: 11.14 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
237	100		
235	58.5	41.5	81.5
272	11.7	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



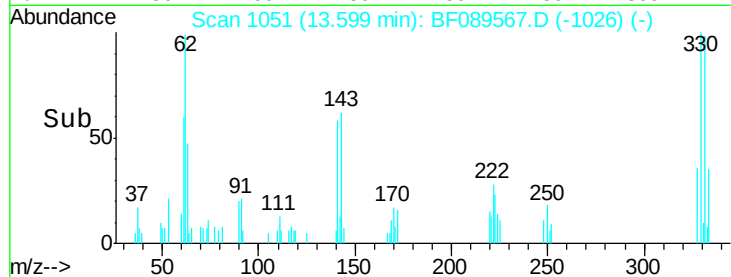
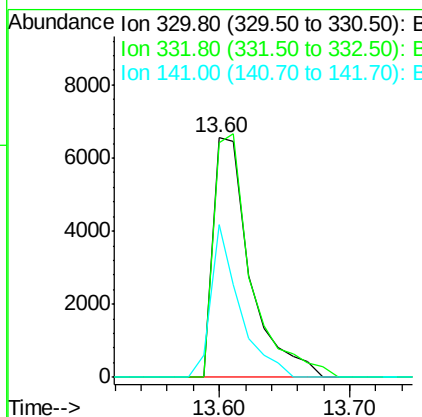
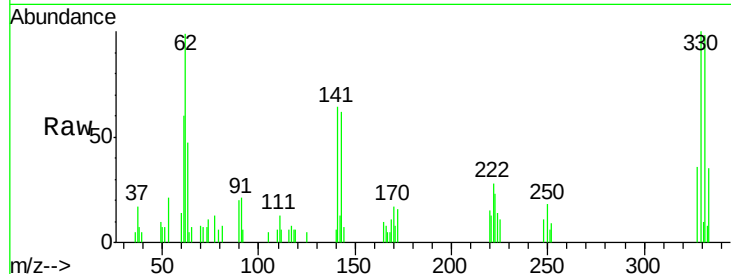


#41
 2,4,6-Tribromophenol
 Concen: 19.30 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC010

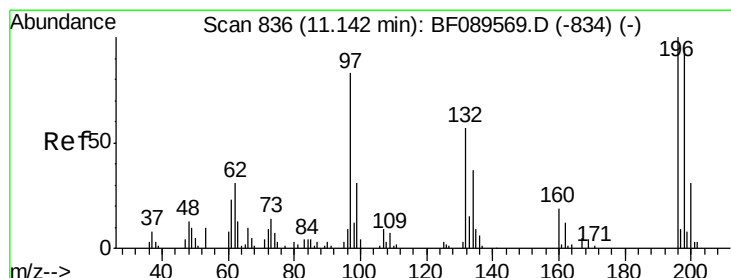
Tot Ion:	330	Resp:	12992
Ion Ratio	Lower	Upper	
330	100		
332	102.3	76.7	115.1
141	49.5	40.3	60.5

Manual Integrations
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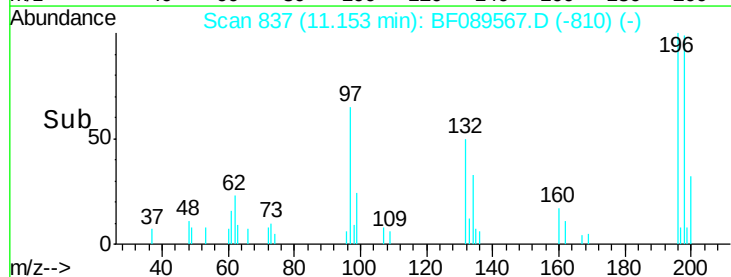
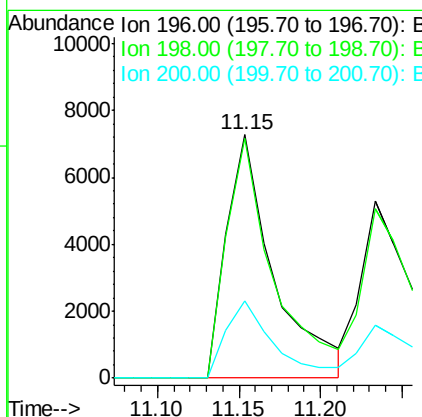
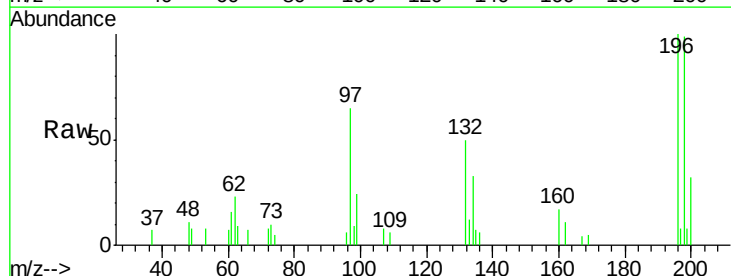
sohil

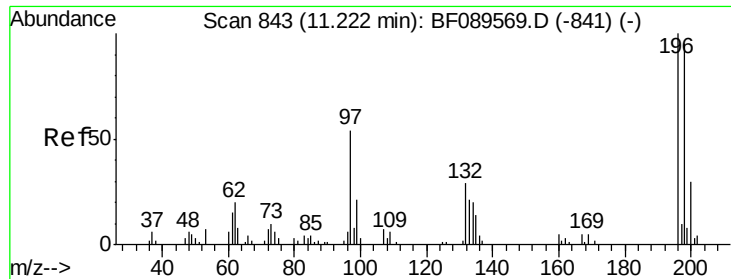
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#42
 2,4,6-Trichlorophenol
 Concen: 9.36 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:	196	Resp:	14615
Ion Ratio	Lower	Upper	
196	100		
198	98.6	75.5	113.3
200	31.9	24.9	37.3



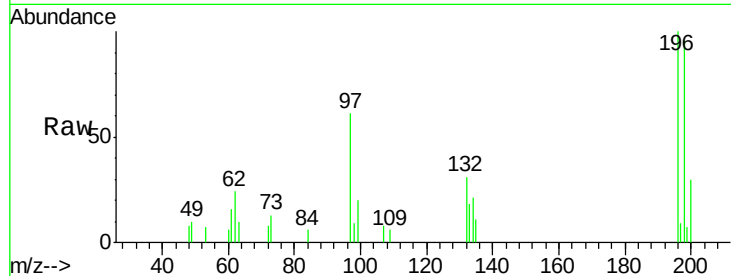


#43
2,4,5-Trichlorophenol
Concen: 10.44 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

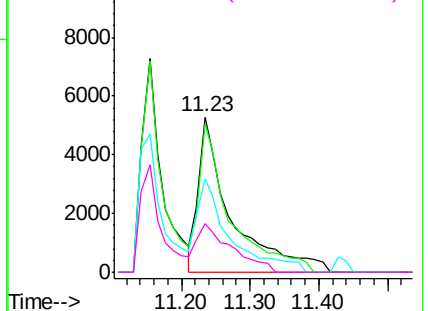
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:	196	Resp:	17425
Ion Ratio	Lower	Upper	
196	100		
198	96.0	75.9	113.9
97	60.6	43.9	65.9
132	31.2	24.5	36.7

Manual Integrations
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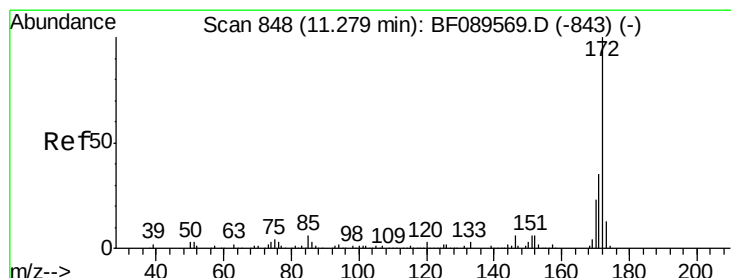
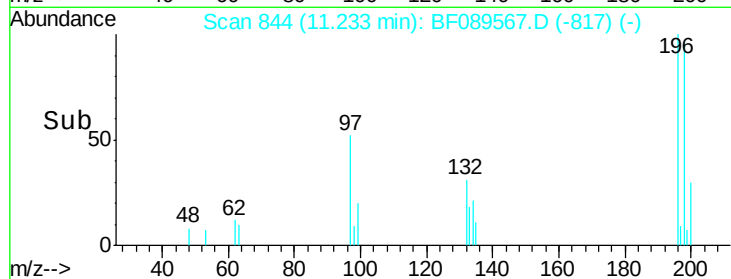


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E



sohil

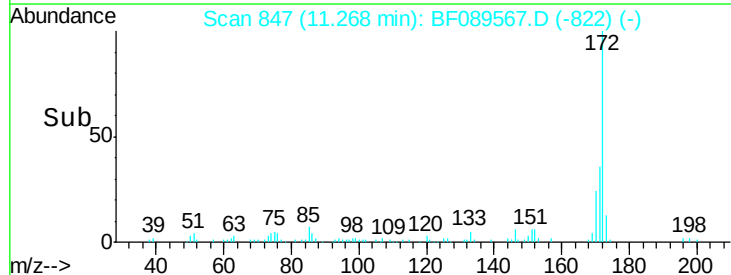
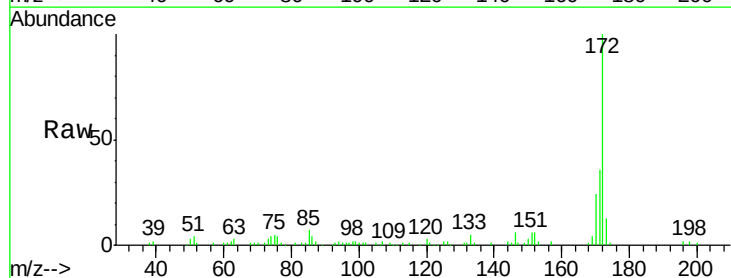
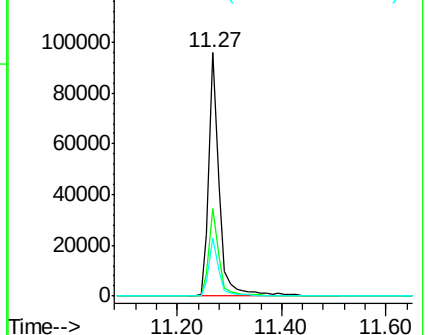
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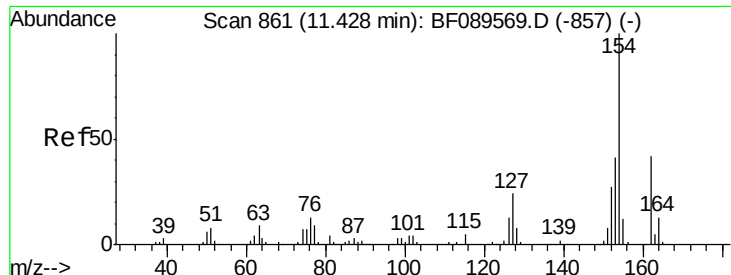


#44
2-Fluorobiphenyl
Concen: 20.38 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:	172	Resp:	133018
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.1	42.1
170	23.6	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



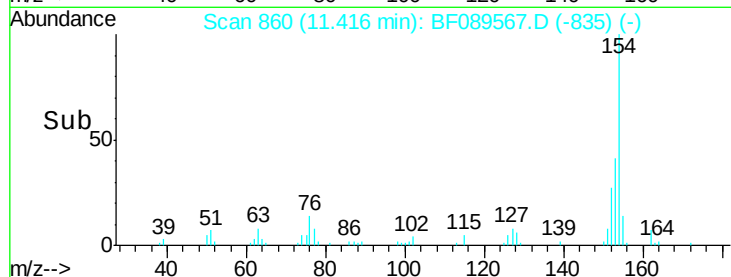
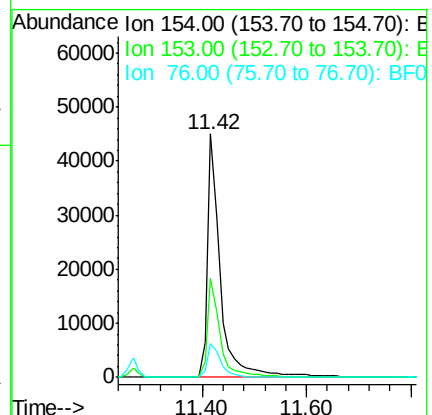
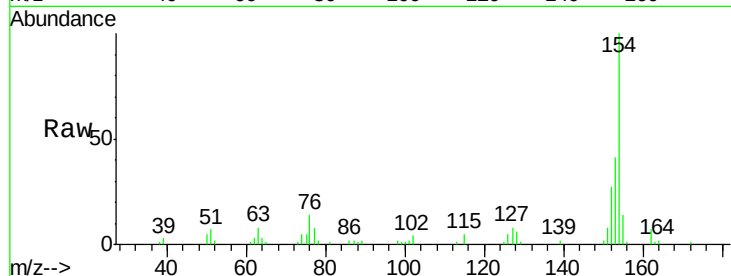


#45
 1,1'-Biphenyl
 Concen: 10.21 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

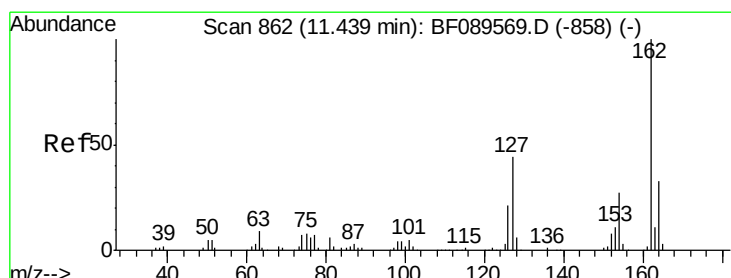
Tot Ion:	154	Resp:	78154
Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	13.8	0.0	33.3

Manual Integrations
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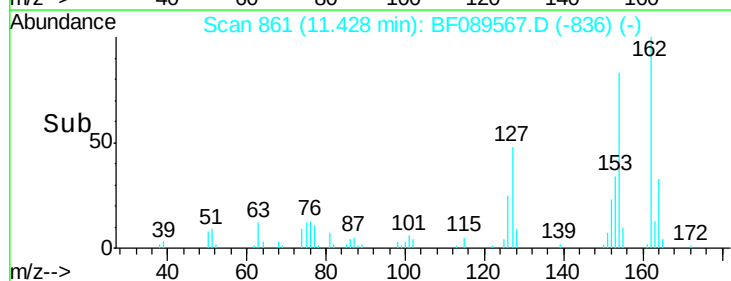
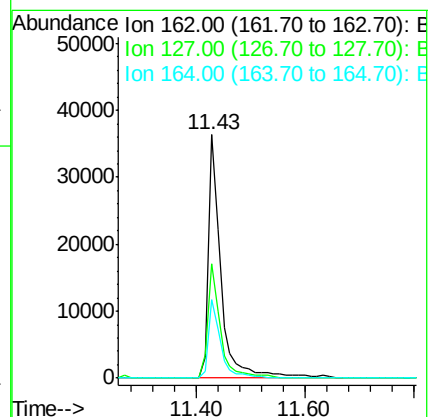
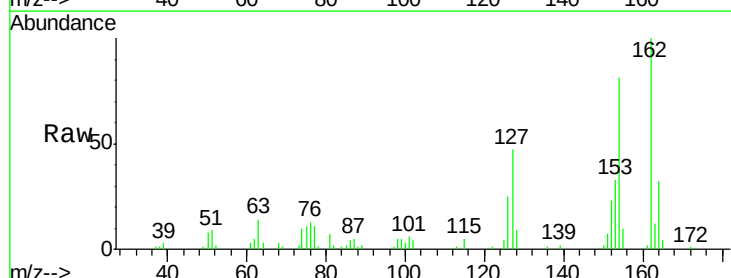
sohil

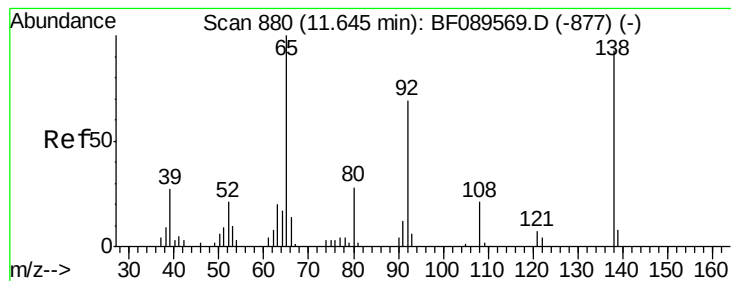
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#46
 2-Chloronaphthalene
 Concen: 10.19 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:	162	Resp:	58431
Ion	Ratio	Lower	Upper
162	100		
127	47.1	35.0	52.4
164	32.0	26.2	39.2



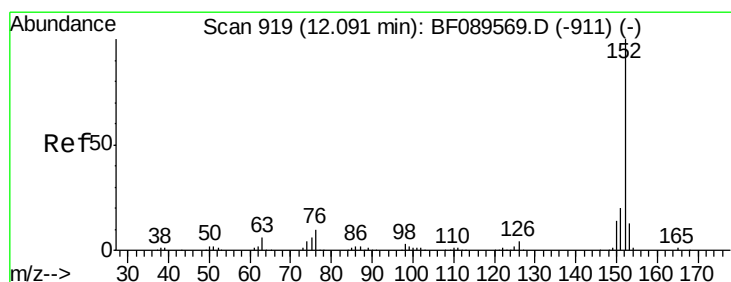
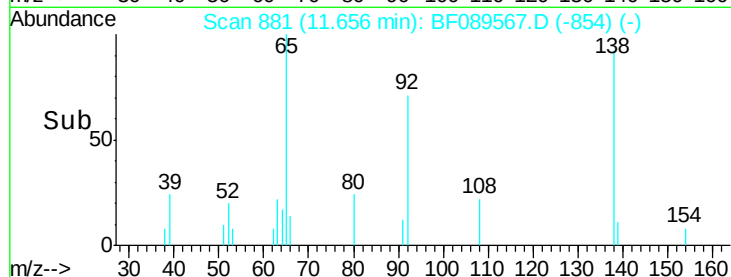
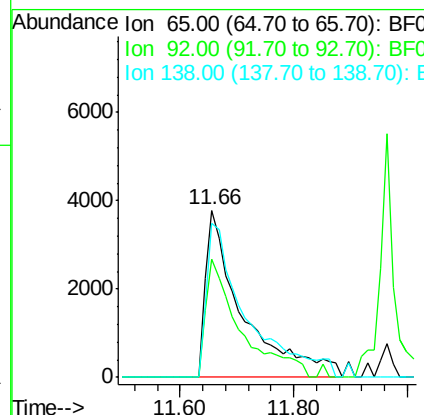
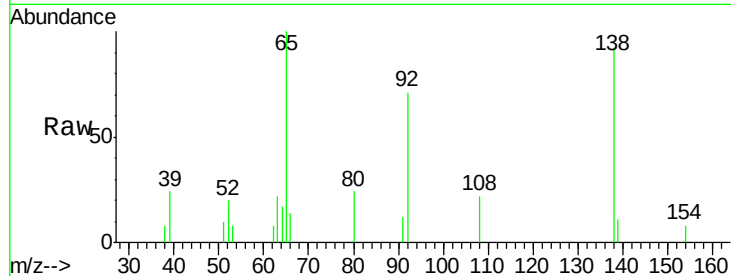


#47
2-Nitroaniline
Concen: 9.25 ng
RT: 11.66 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampled :
SSTDIC010

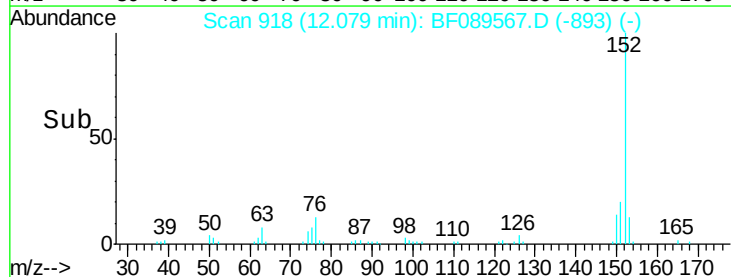
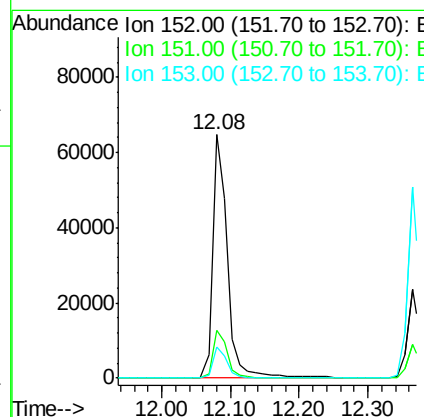
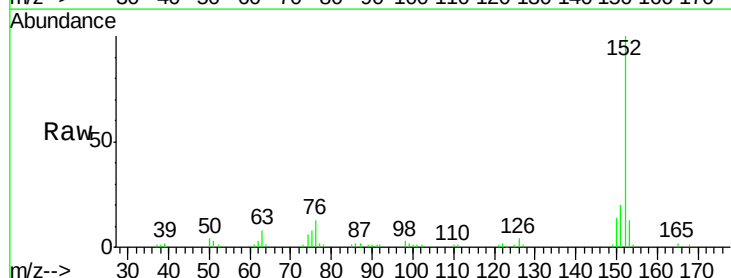
Tot Ion	Ratio	Lower	Upper
65	100		
92	71.1	54.9	82.3
138	92.1	74.0	111.0

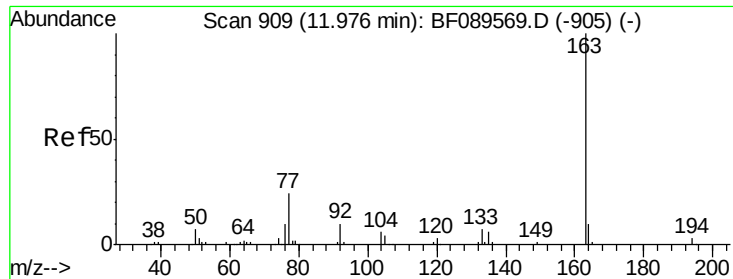
Manual Integrations
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#48
Acenaphthylene
Concen: 10.21 ng
RT: 12.08 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.8	10.6	15.8



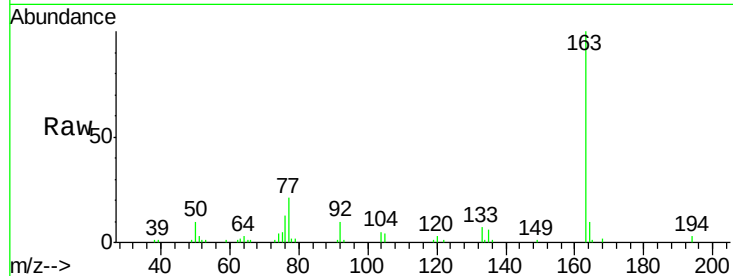


#49
Dimethylphthalate
Concen: 10.03 ng
RT: 11.97 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

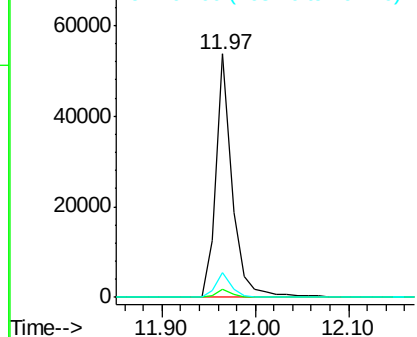
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:163	Resp:	65100
Ion Ratio	Lower	Upper
163 100		
194 3.3	2.4	3.6
164 10.4	8.2	12.4

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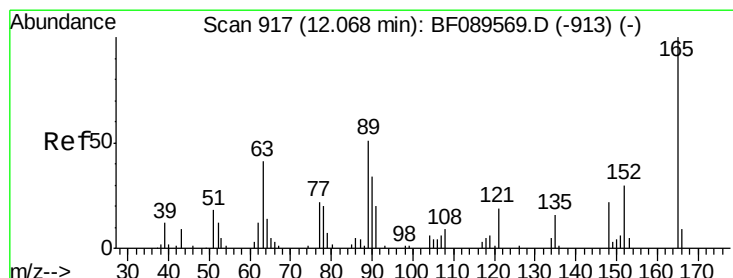
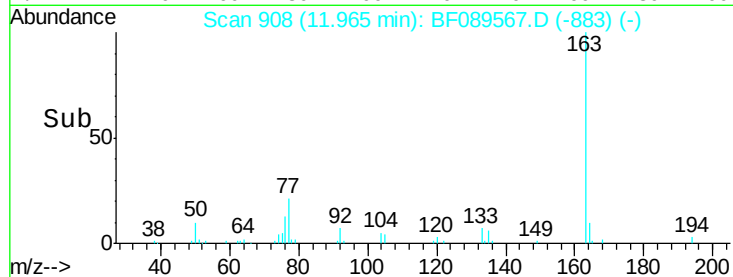


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



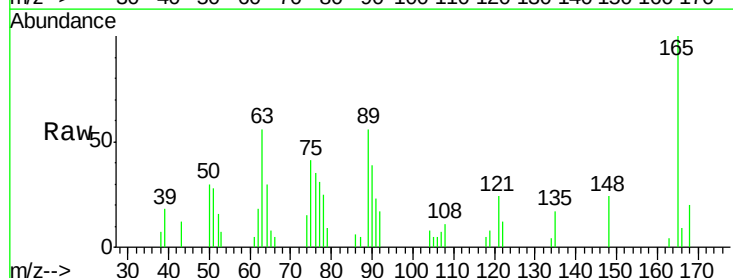
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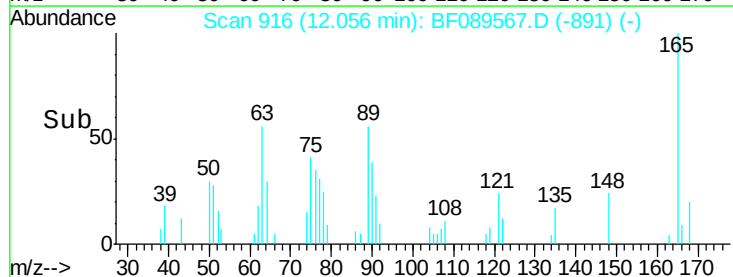
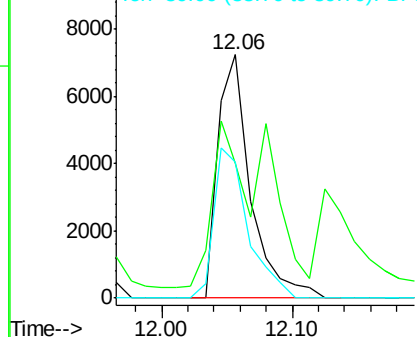


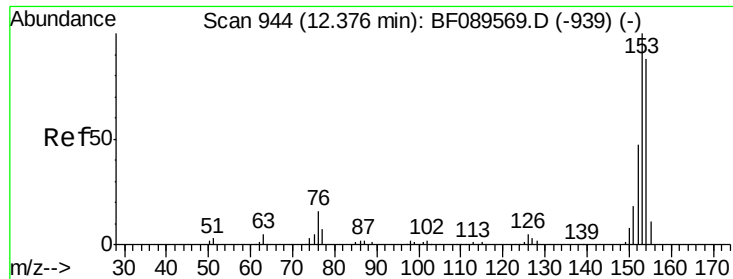
#50
2,6-Dinitrotoluene
Concen: 9.76 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:165	Resp:	12676
Ion Ratio	Lower	Upper
165 100		
63 55.6	40.2	60.4
89 55.9	40.6	61.0



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





#51

Acenaphthene

Concen: 10.27 ng

RT: 12.37 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

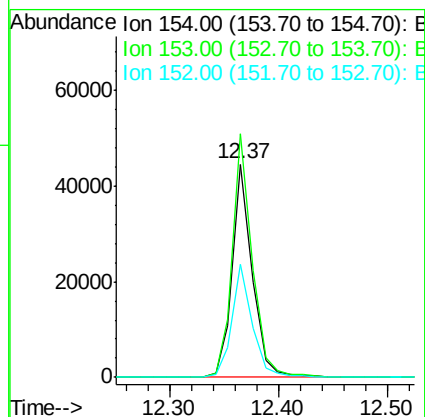
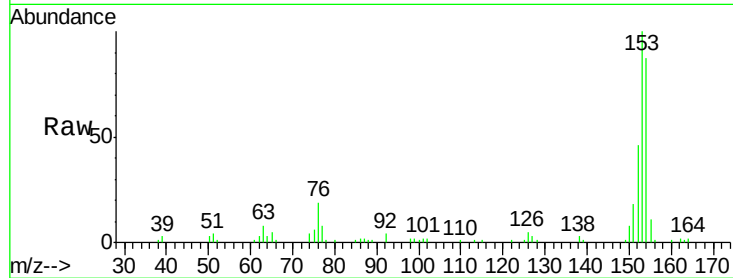
BNA_F

ClientSampleId :

SSTDIC010

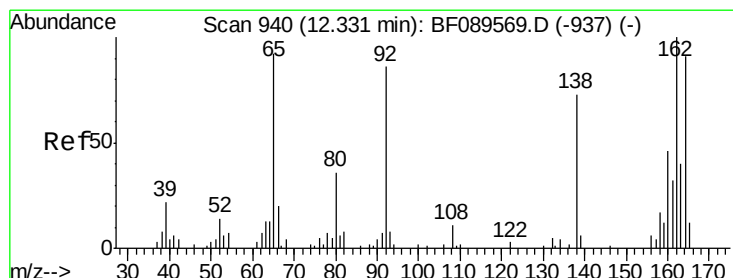
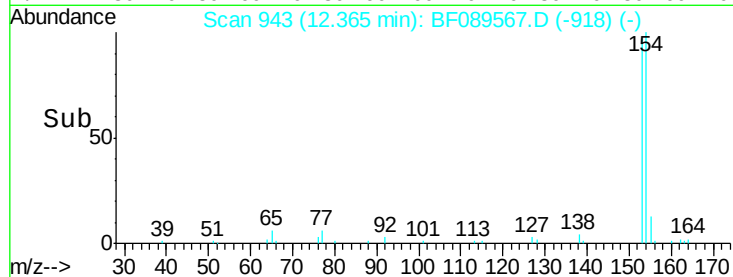
Tot Ion:	154	Resp:	56297
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	53.1	43.1	64.7

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#52

3-Nitroaniline

Concen: 9.11 ng

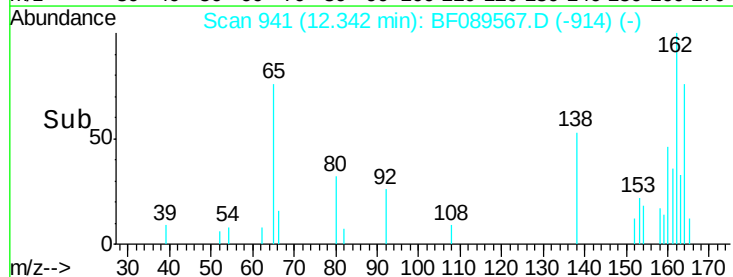
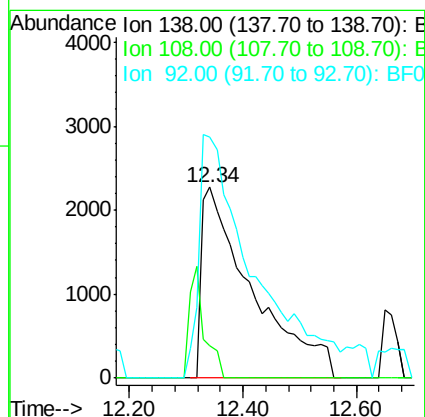
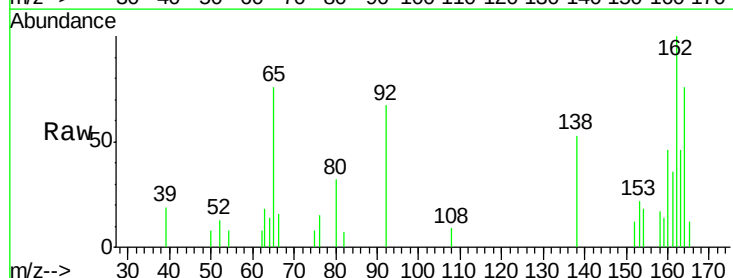
RT: 12.34 min Scan# 941

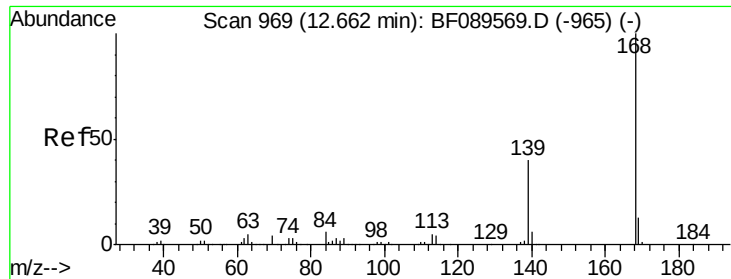
Delta R.T. 0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Tgt Ion:	138	Resp:	13946
Ion Ratio	Lower	Upper	
138	100		
108	17.3	11.6	17.4
92	126.4	94.6	141.8



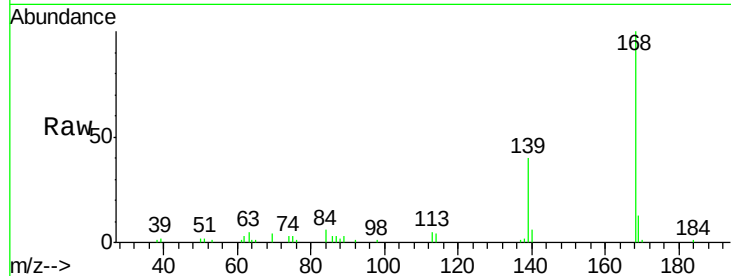


#54
Dibenzofuran
Concen: 10.03 ng
RT: 12.66 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

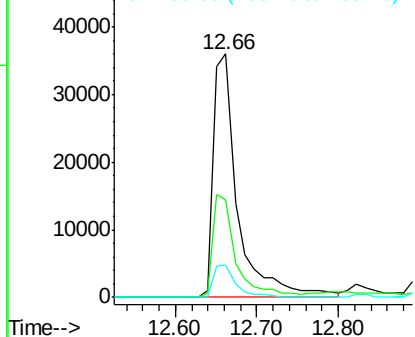
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	31.8	47.8
169	13.4	10.6	16.0

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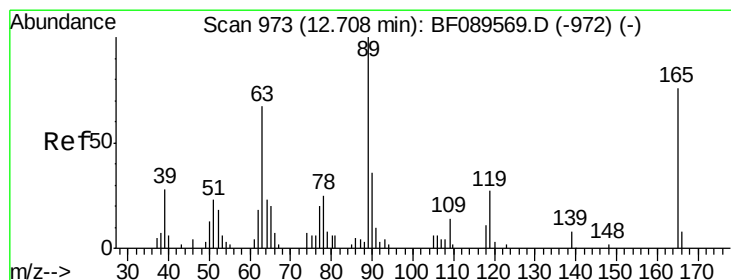
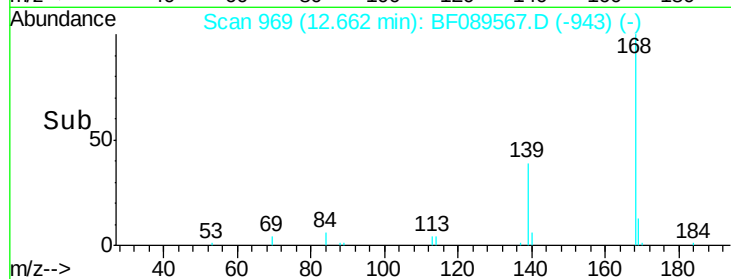


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



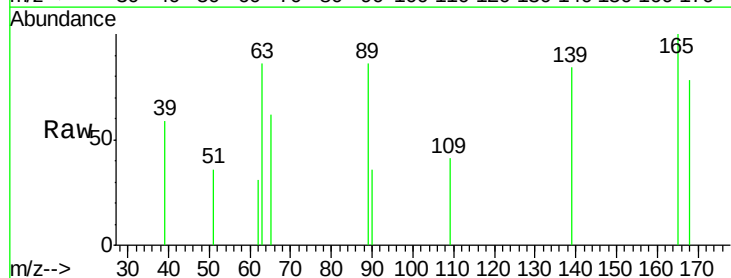
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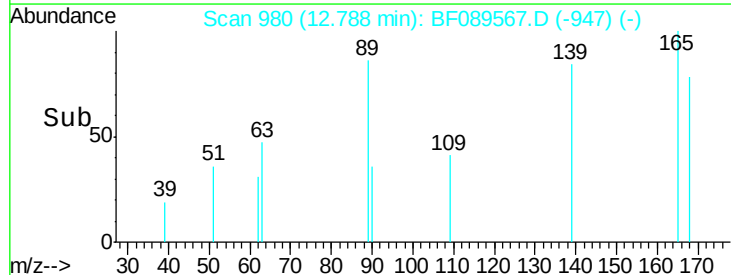
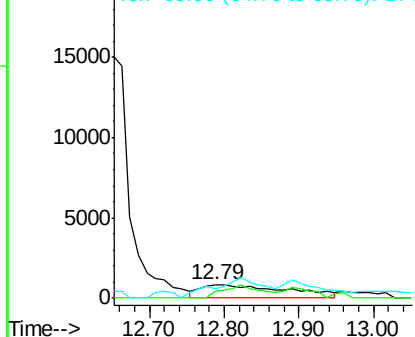


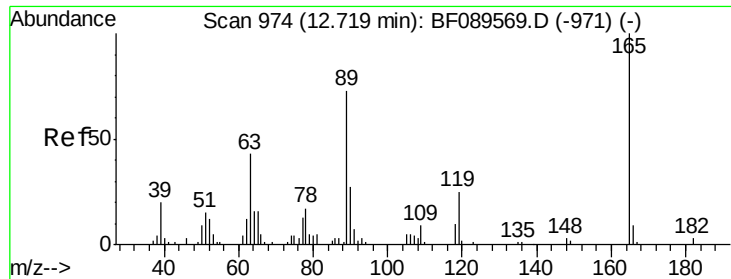
#55
4-Nitrophenol
Concen: 8.19 ng m
RT: 12.79 min Scan# 980
Delta R.T. 0.08 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	48.2	35.2	75.2
65	73.2	66.4	106.4



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



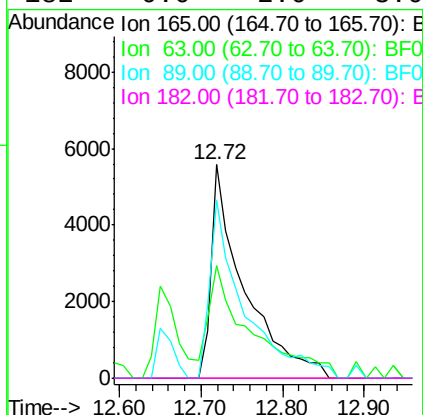
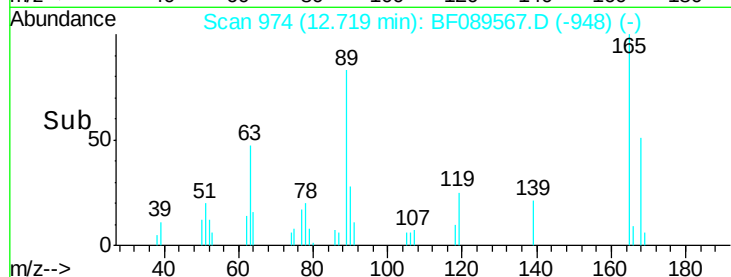
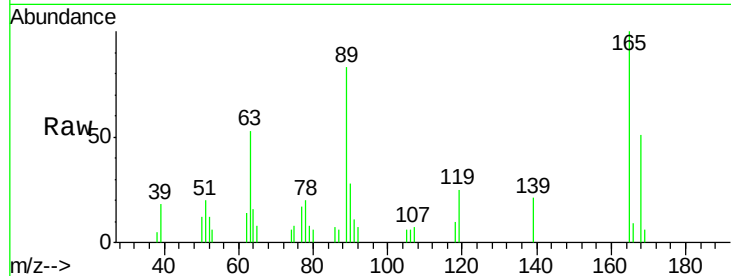


#56
2,4-Dinitrotoluene
Concen: 9.01 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

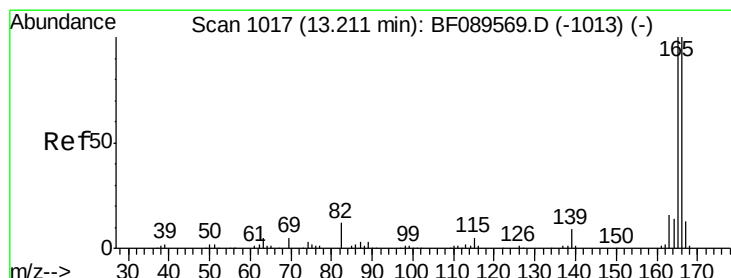
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		15732		
63	53.0	38.2	57.2		
89	83.4	59.8	89.6		
182	0.0	2.0	3.0#		

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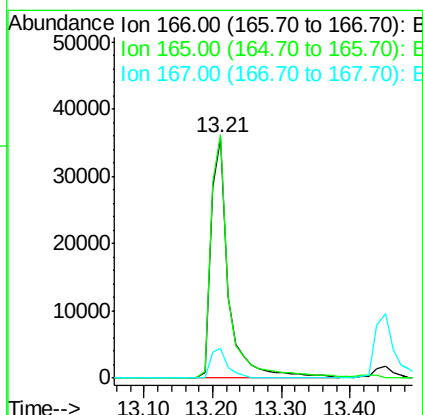
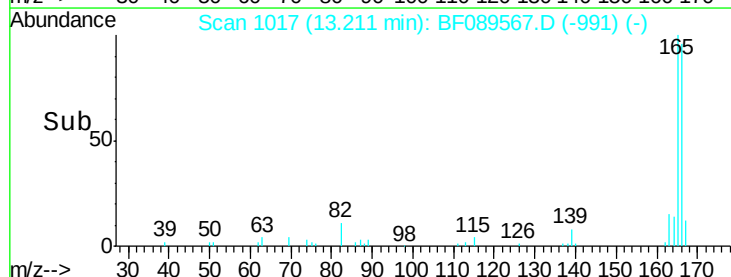
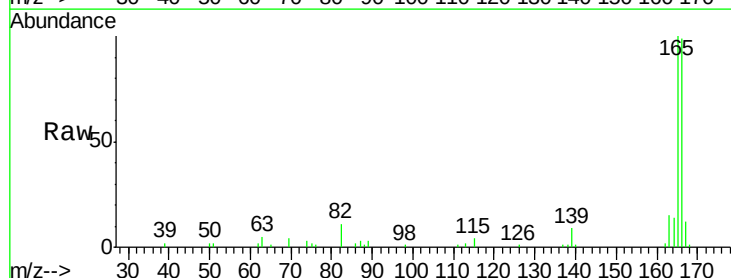
sohil

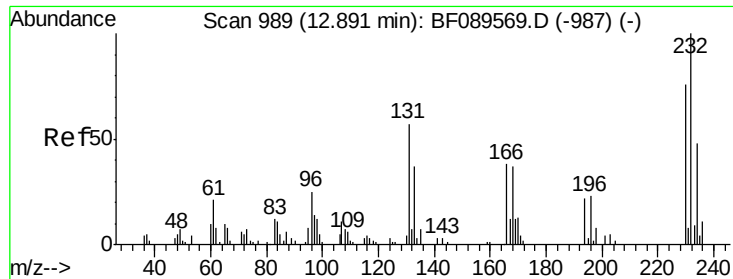
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#57
Fluorene
Concen: 10.24 ng
RT: 13.21 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		64938		
165	101.4	80.2	120.2		
167	12.6	10.4	15.6		



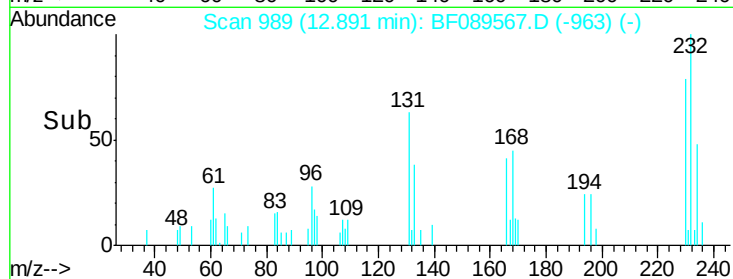
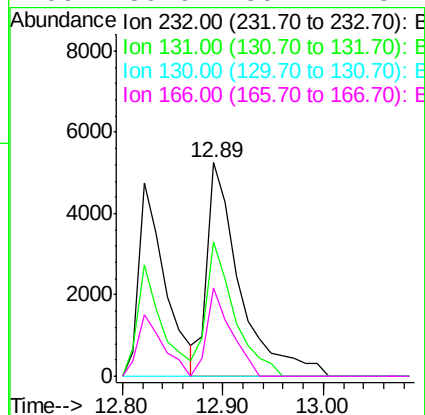
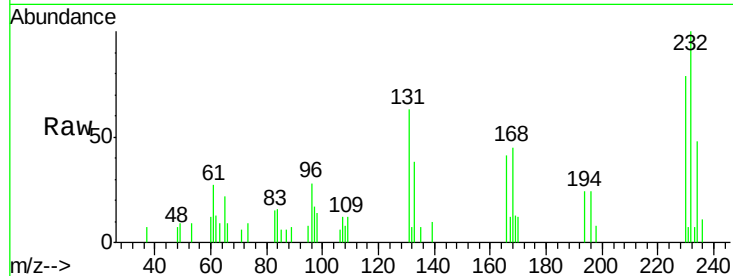


#58
2,3,4,6-Tetrachlorophenol
Concen: 10.12 ng
RT: 12.89 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

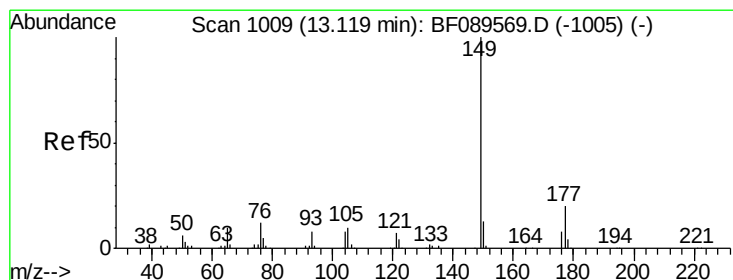
Tot Ion	Ratio	Lower	Upper
232	100		
131	54.3	47.9	71.9
130	0.0	1.7	2.5
166	30.6	30.2	45.2

Manual Integrations
APPROVED



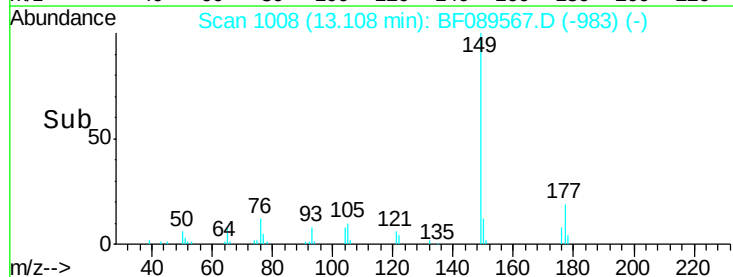
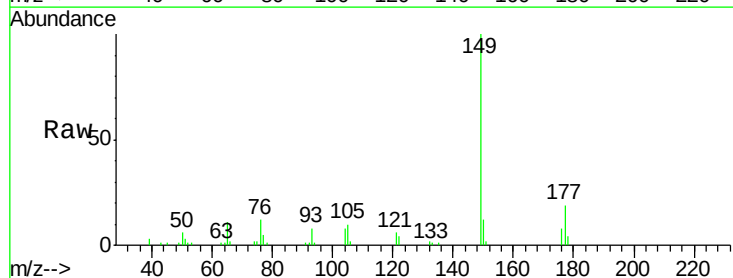
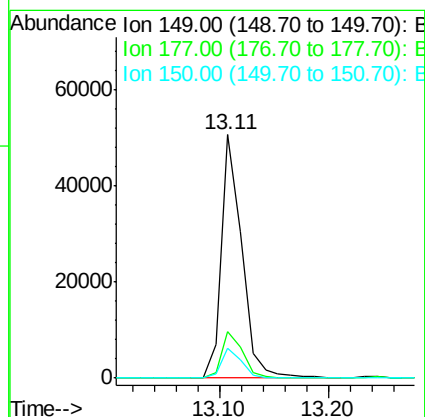
sohil

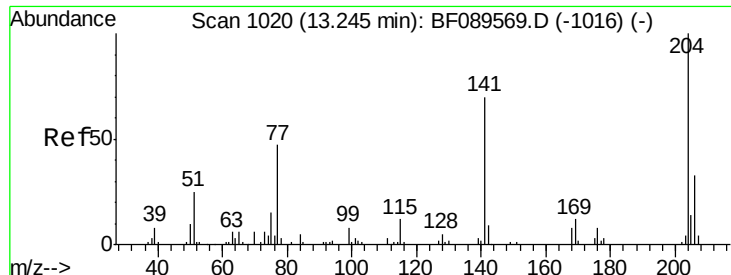
8/4/2016 6:11:14 PM



#59
Diethylphthalate
Concen: 10.18 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.0	15.8	23.8
150	12.5	10.1	15.1



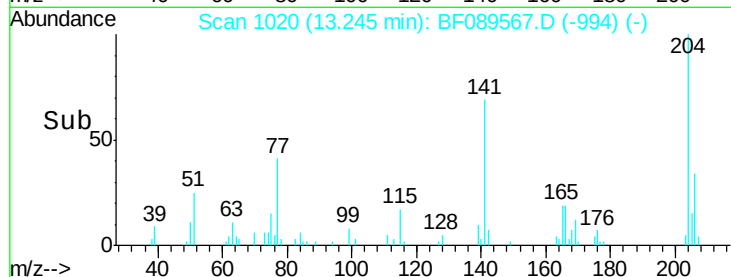
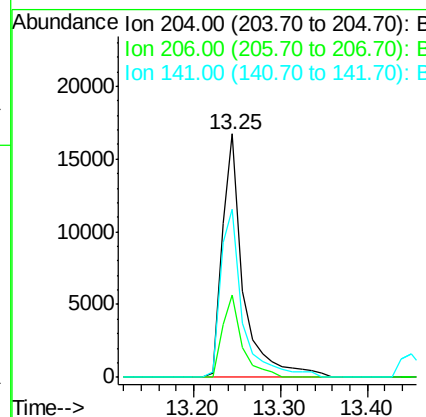
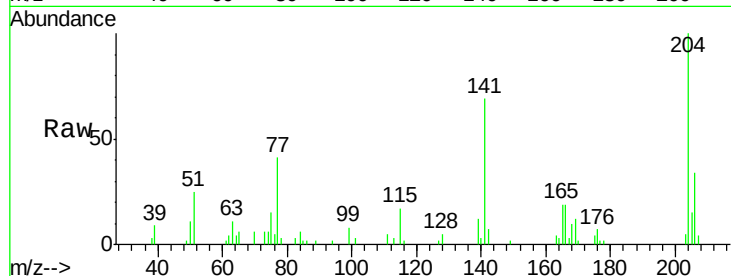


#60
4-Chlorophenyl-phenylether
Concen: 9.99 ng
RT: 13.25 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampled :
SSTDIC010

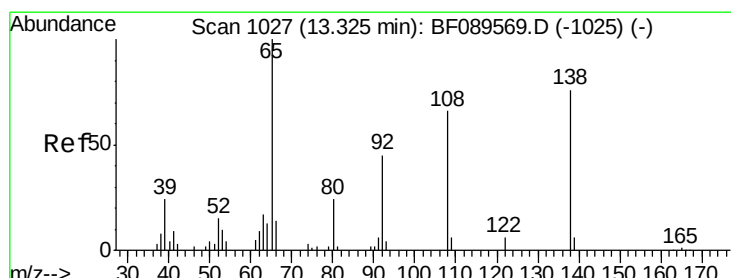
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.2
141	68.9	56.3	84.5

Manual Integrations
APPROVED



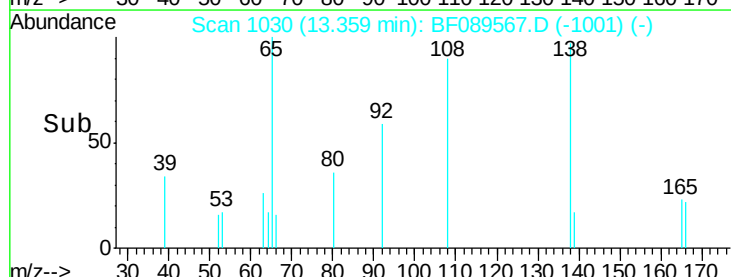
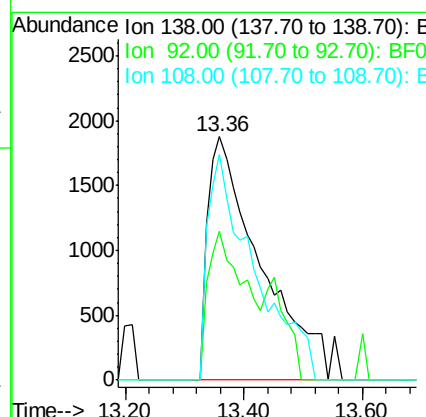
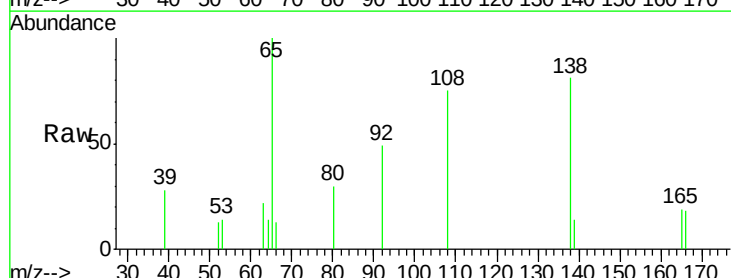
sohil

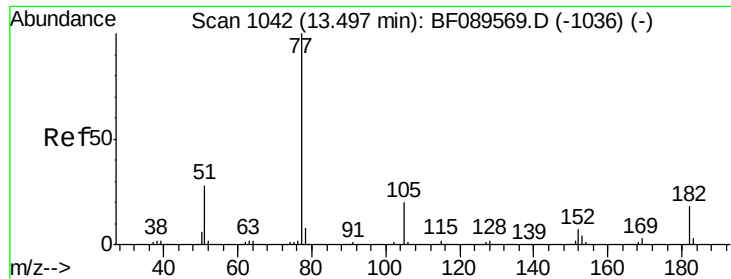
8/4/2016 6:11:14 PM



#61
4-Nitroaniline
Concen: 8.80 ng
RT: 13.36 min Scan# 1030
Delta R.T. 0.03 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.0	39.5	79.5
108	92.6	66.4	106.4





#62

Azobenzene

Concen: 9.71 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

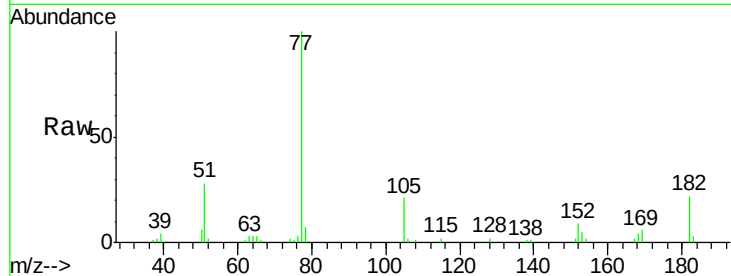
BNA_F

ClientSampleId :

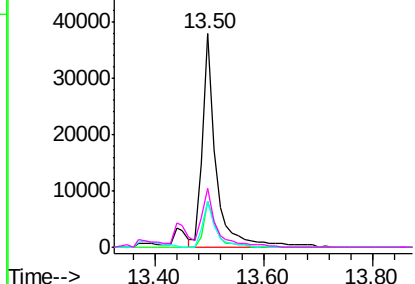
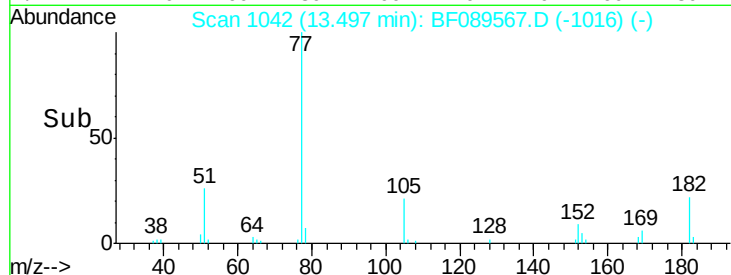
SSTDIC010

Tot Ion:	77	Resp:	65479
Ion	Ratio	Lower	Upper
77	100		
182	21.6	0.0	38.0
105	21.4	0.6	40.6
51	27.7	9.1	49.1

Manual Integrations
APPROVED

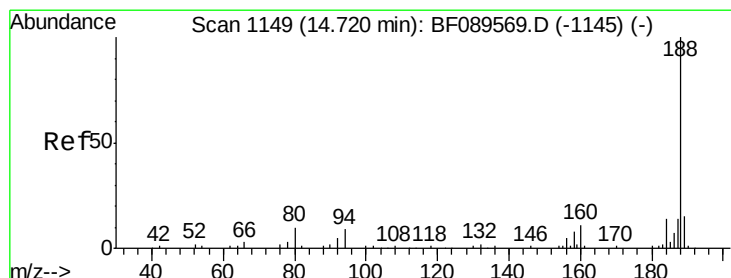


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



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#63

Phenanthrene-d10

Concen: 20.00 ng

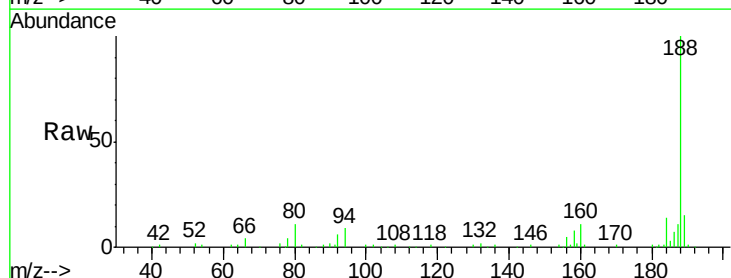
RT: 14.71 min Scan# 1148

Delta R.T. -0.01 min

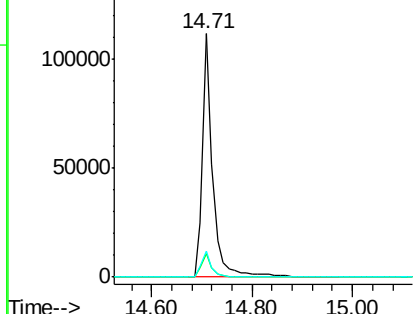
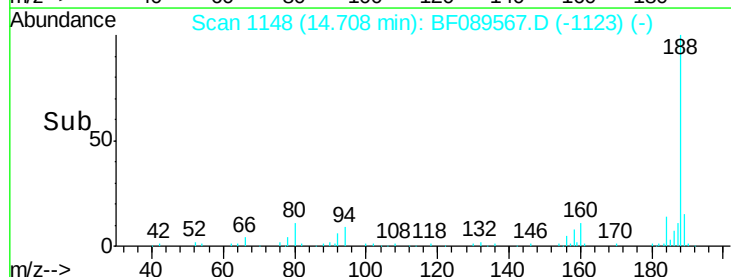
Lab File: BF089567.D

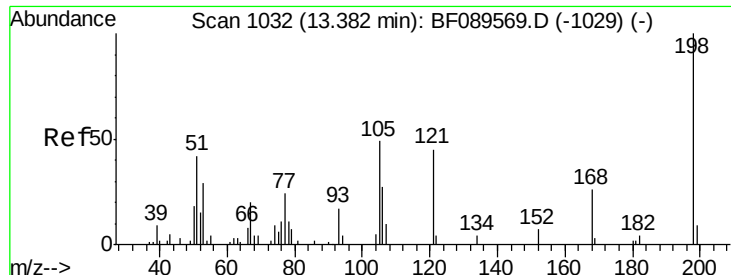
Acq: 3 Aug 2016 19:20

Tgt Ion:	188	Resp:	160662
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.4
80	10.9	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BF0
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



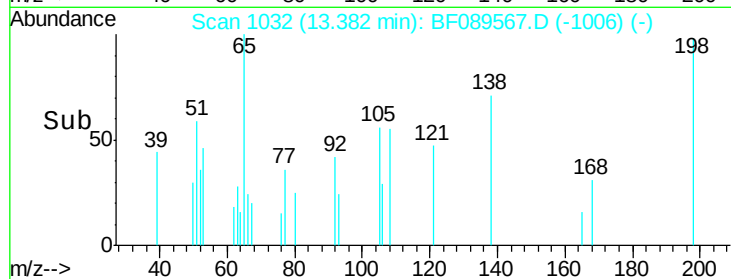
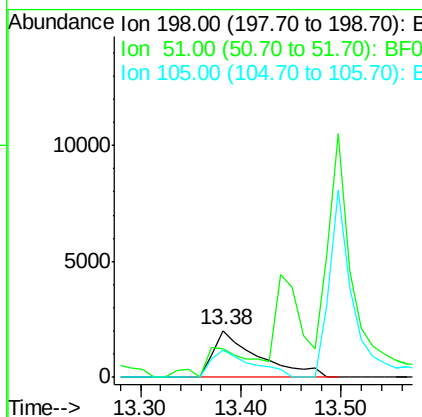
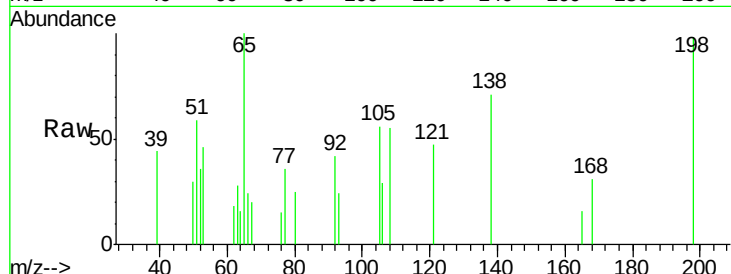


#64
4,6-Dinitro-2-methylphenol
Concen: 10.69 ng
RT: 13.38 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

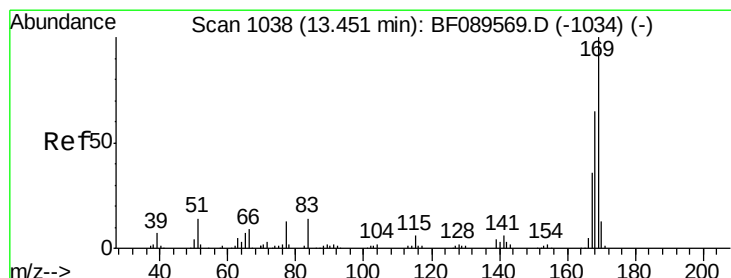
Tot Ion	Ratio	Resp	Lower	Upper
198	100	6117		
51	60.7	26.0	66.0	
105	57.7	29.1	69.1	

Manual Integrations
APPROVED



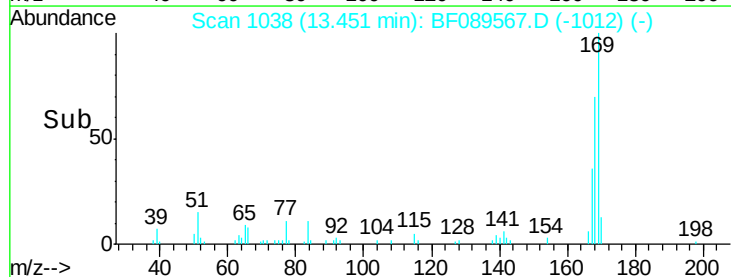
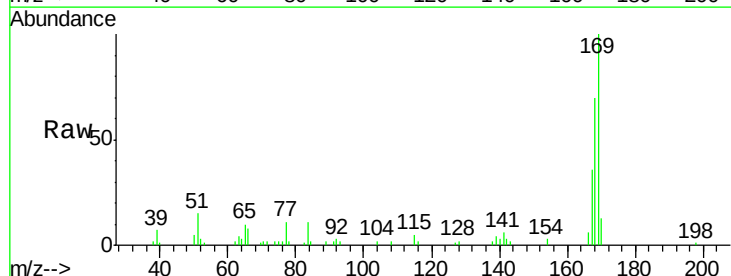
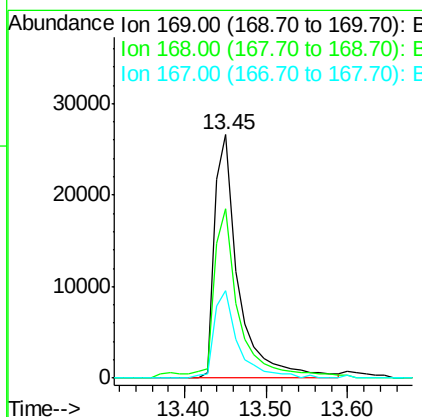
sohil

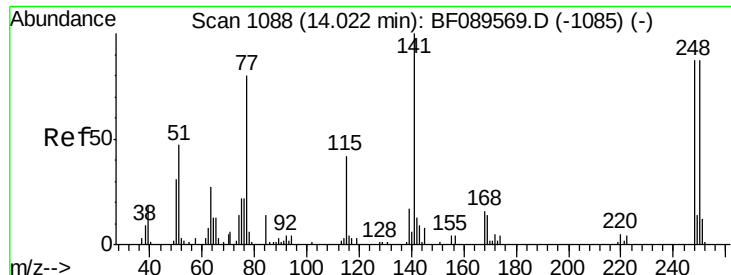
8/4/2016 6:11:14 PM



#65
n-Nitrosodiphenylamine
Concen: 9.91 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	54241		
168	69.6	53.0	79.4	
167	35.9	29.1	43.7	



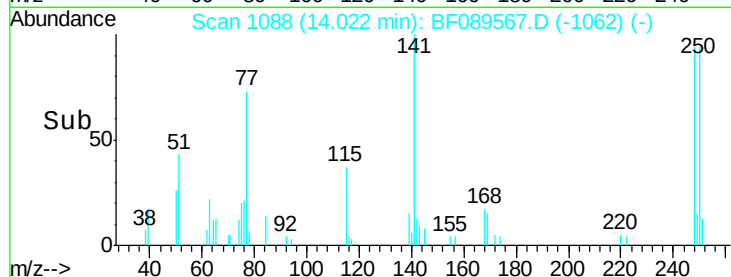
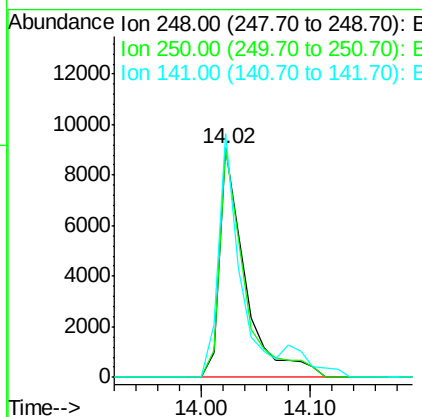
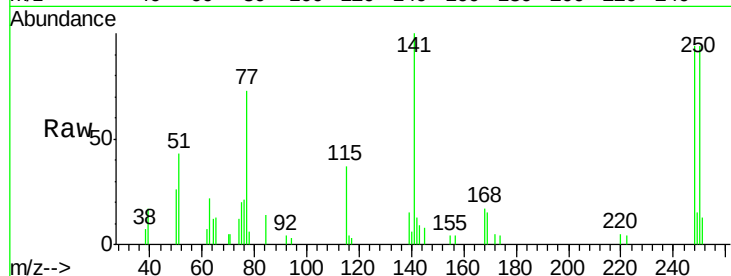


#66
 4-Bromophenyl-phenylether
 Concen: 9.48 ng
 RT: 14.02 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

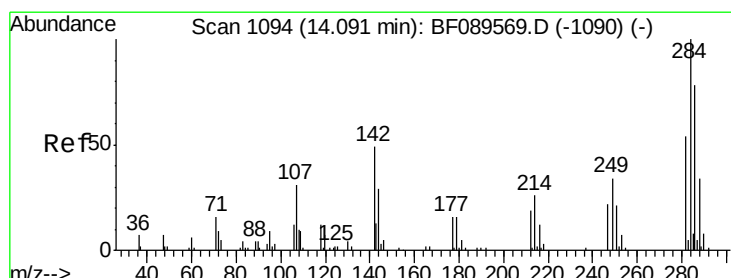
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.0	79.8	119.6
141	106.1	91.5	137.3

Manual Integrations
 APPROVED



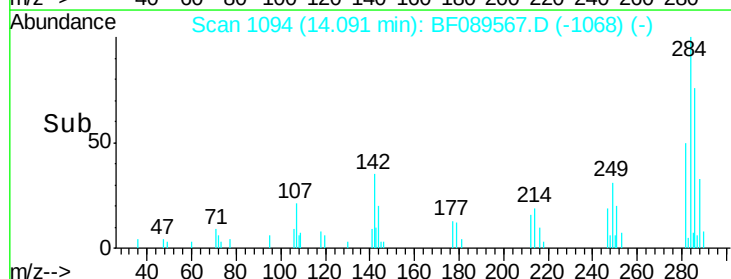
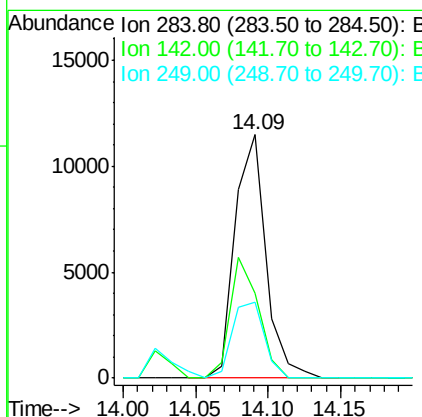
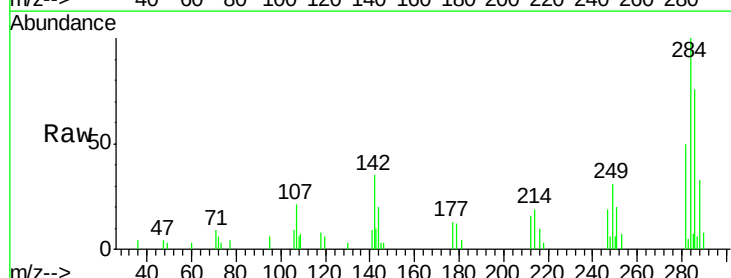
sohil

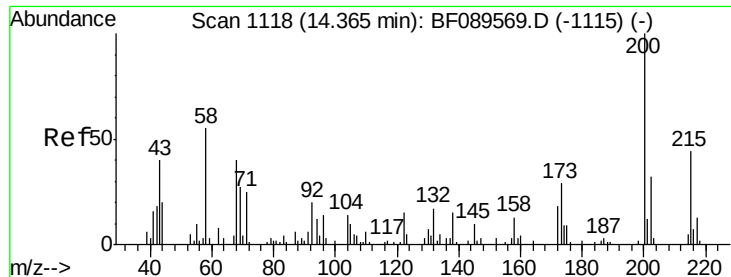
8/4/2016 6:11:14 PM



#67
 Hexachlorobenzene
 Concen: 10.01 ng
 RT: 14.09 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	40.2	60.4#
249	31.0	28.9	43.3



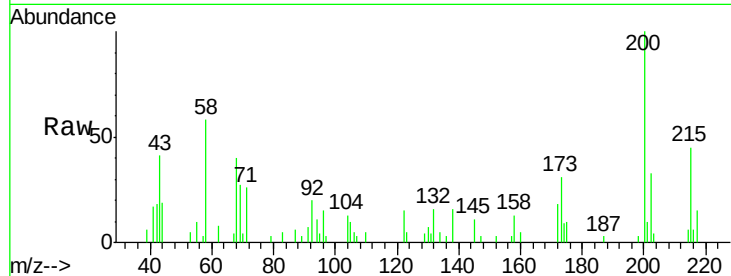


#68
 Atrazine
 Concen: 10.83 ng
 RT: 14.35 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

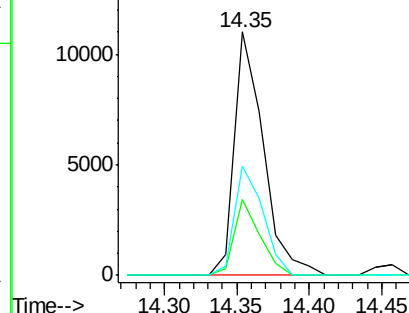
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
200	100	15342		
173	31.4	9.1	49.1	
215	44.9	23.6	63.6	

Manual Integrations
 APPROVED

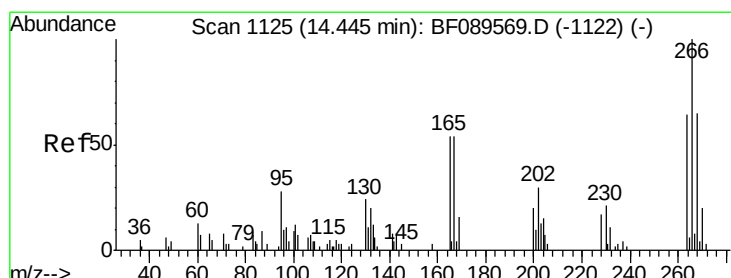
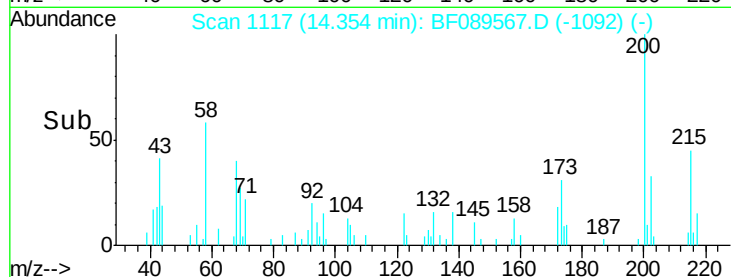


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E



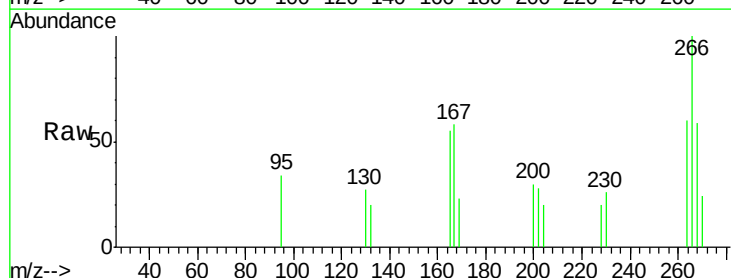
sohil

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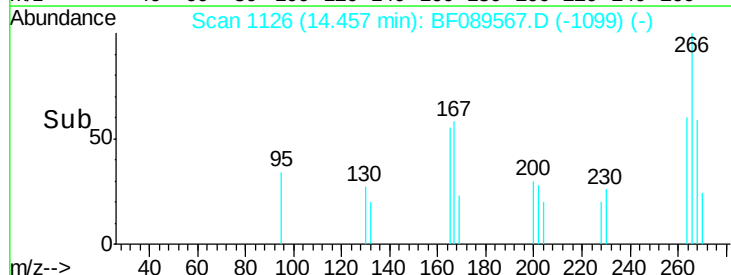
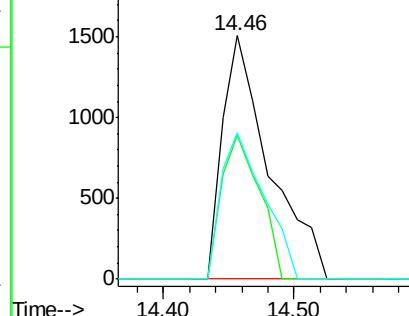


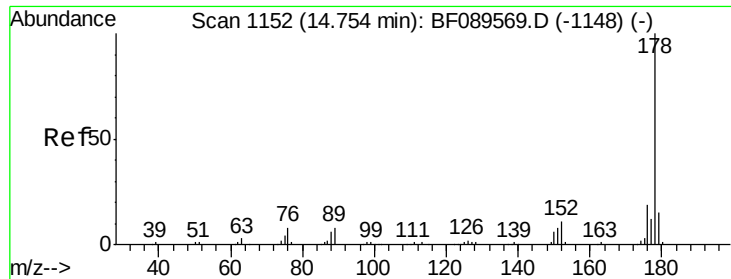
#69
 Pentachlorophenol
 Concen: 9.13 ng
 RT: 14.46 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	3762		
268	59.3	51.8	77.6	
264	60.1	51.2	76.8	



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



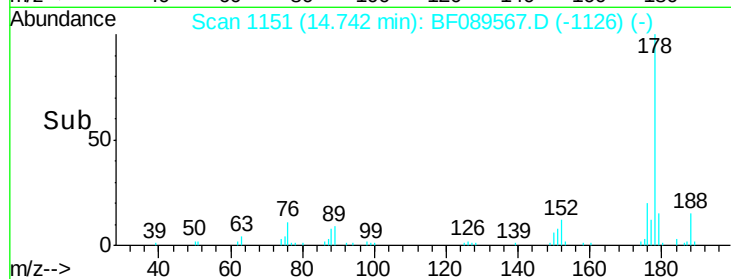
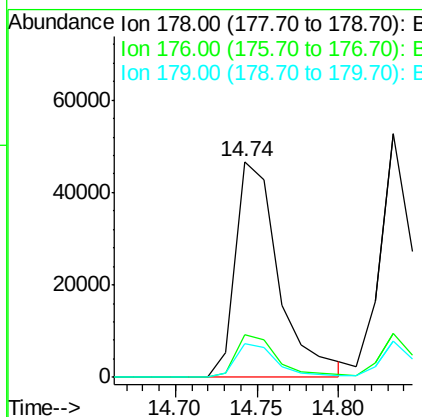
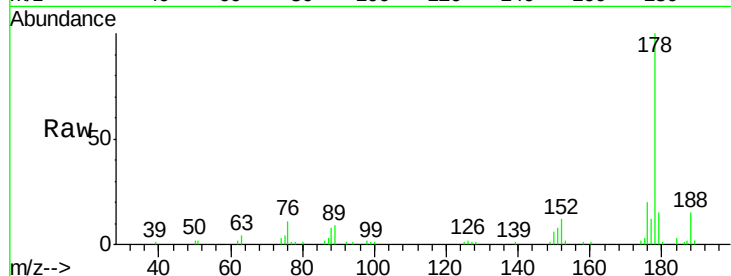


#70
Phenanthrene
Concen: 10.03 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

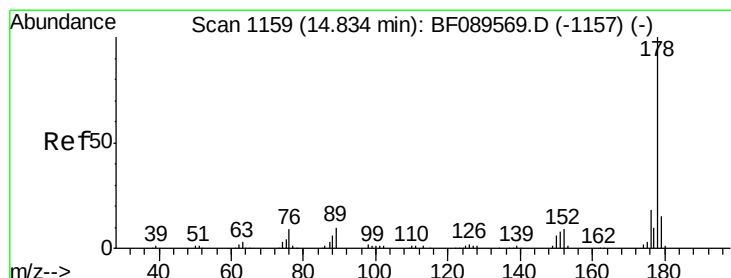
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.5	12.2	18.4

Manual Integrations
APPROVED



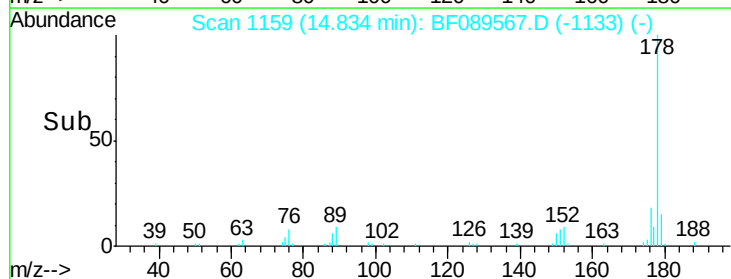
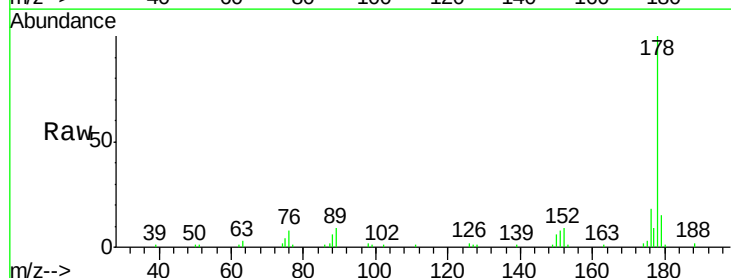
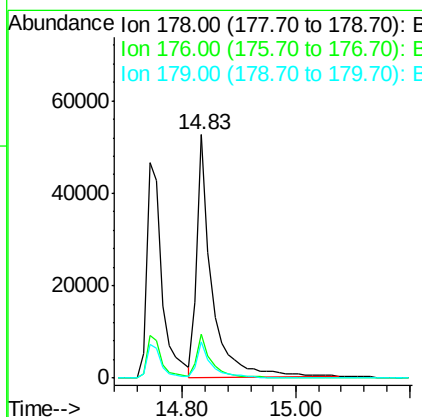
sohil

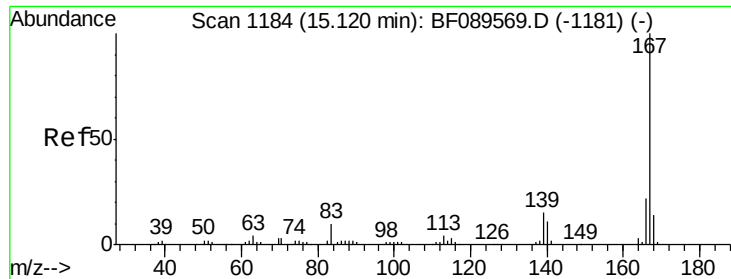
8/4/2016 6:11:14 PM



#71
Anthracene
Concen: 10.06 ng
RT: 14.83 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.1	12.2	18.2



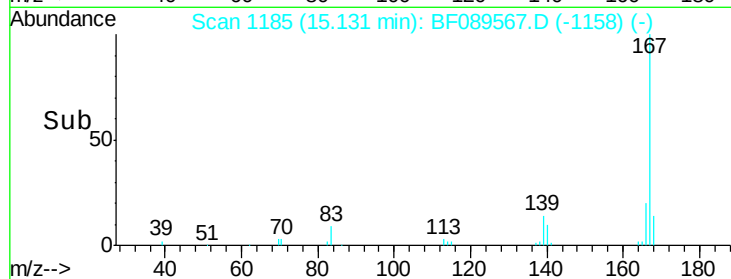
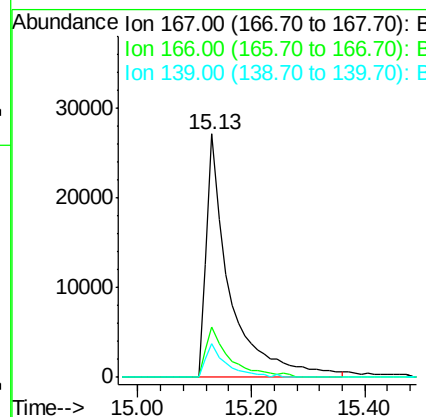
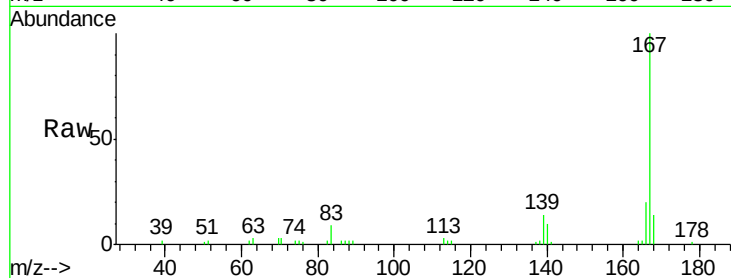


#72
 Carbazole
 Concen: 10.08 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

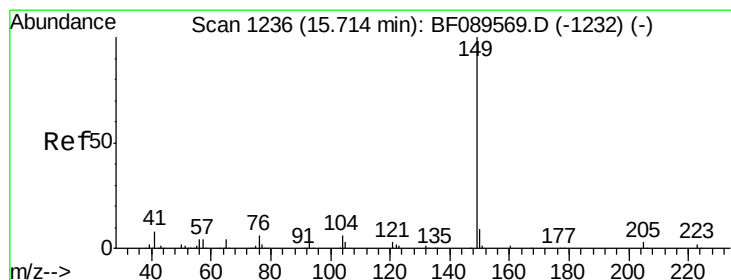
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.5	26.3
139	14.0	11.8	17.6

Manual Integrations
 APPROVED



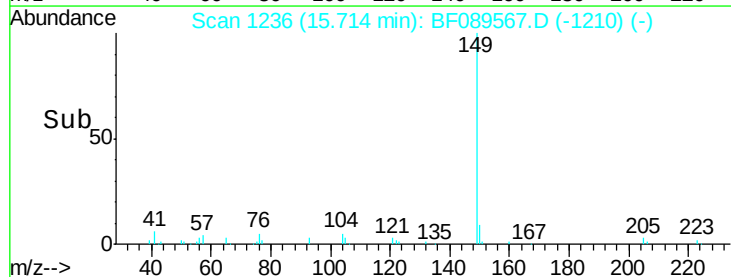
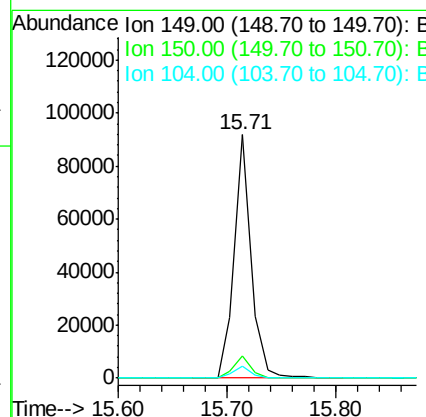
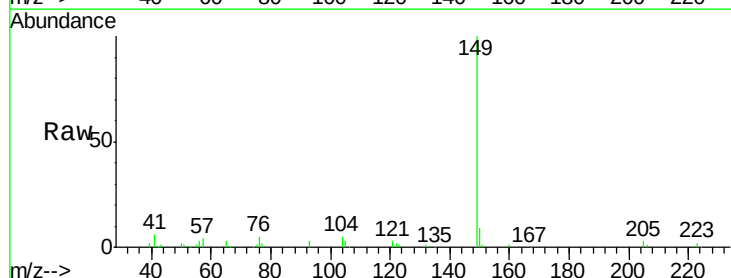
sohil

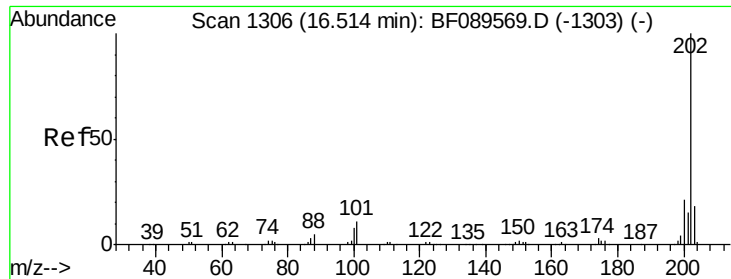
8/4/2016 6:11:14 PM



#73
 Di-n-butylphthalate
 Concen: 10.19 ng
 RT: 15.71 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.1	4.6	7.0



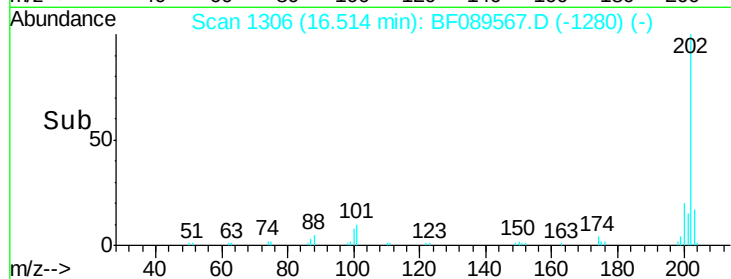
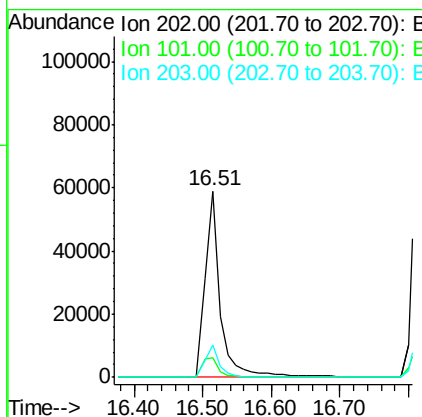
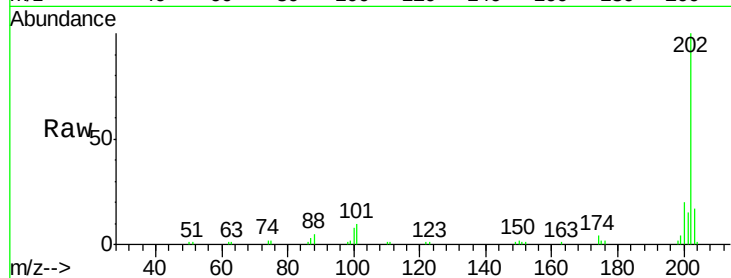


#74
 Fluoranthene
 Concen: 10.37 ng
 RT: 16.51 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

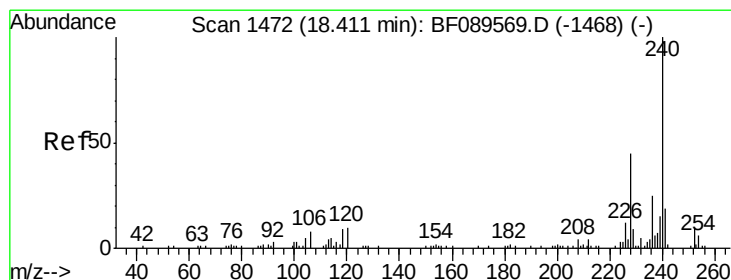
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	31.0
203	17.4	0.0	37.7

Manual Integrations
 APPROVED



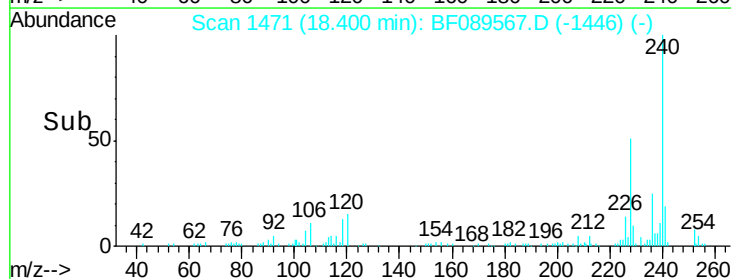
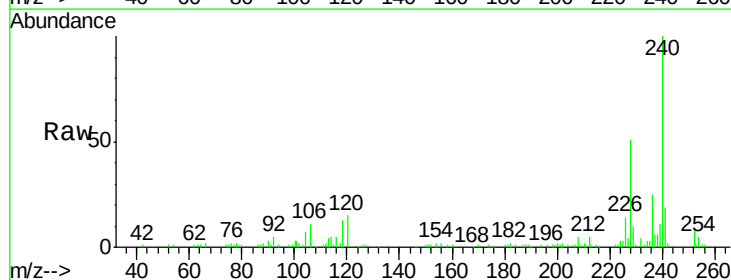
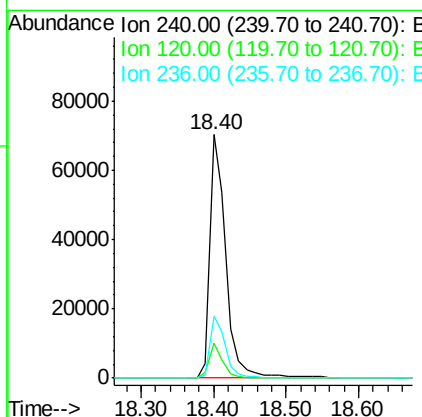
sohil

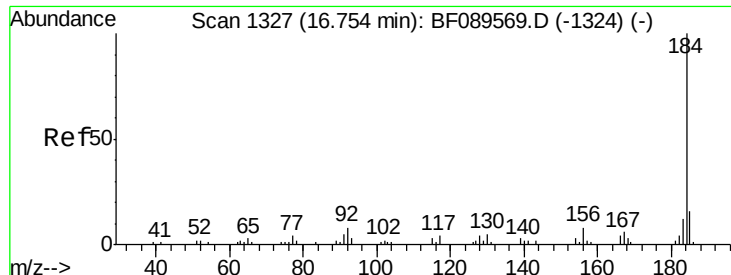
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.40 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.6	8.2	12.2#
236	25.2	20.3	30.5





#76

Benzidine

Concen: 11.14 ng

RT: 16.77 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion:184 Resp: 32566

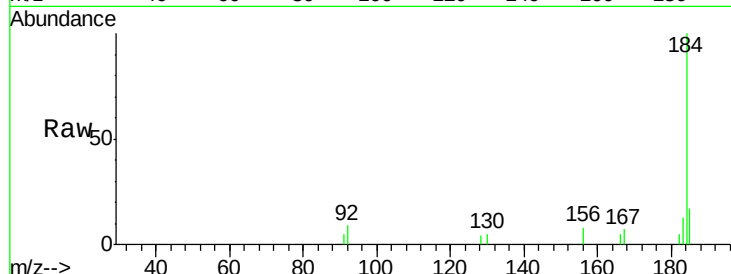
Ion Ratio Lower Upper

184 100

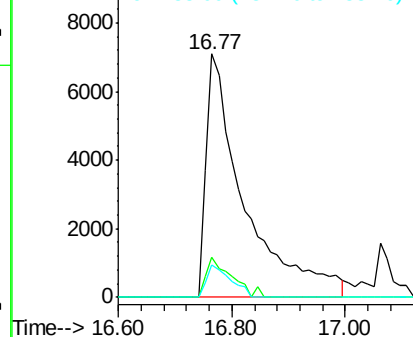
185 16.6 13.1 19.7

183 13.3 9.6 14.4

Manual Integrations
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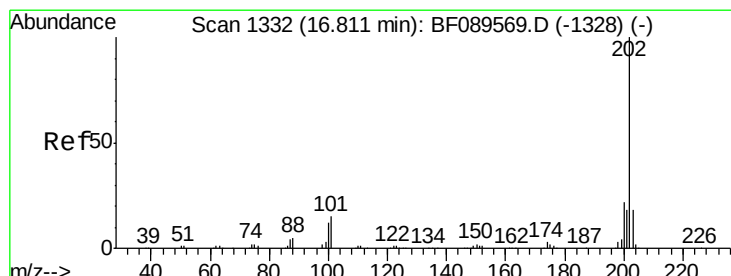
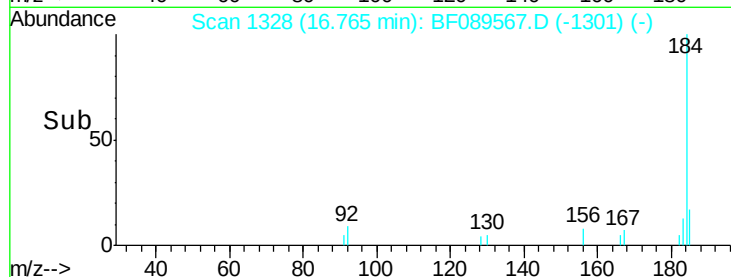


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



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#77

Pyrene

Concen: 10.16 ng

RT: 16.81 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

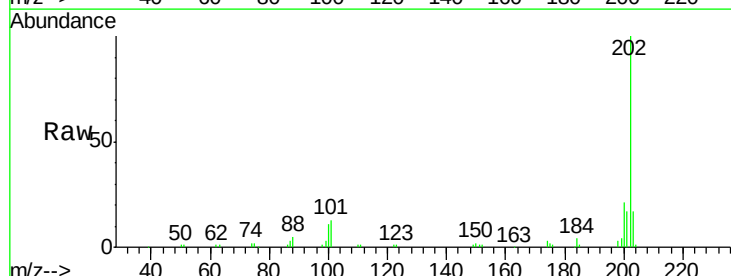
Tgt Ion:202 Resp: 96849

Ion Ratio Lower Upper

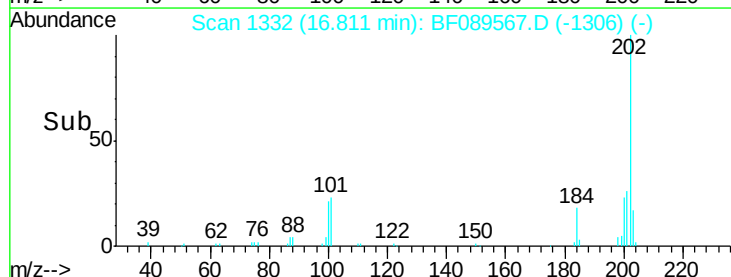
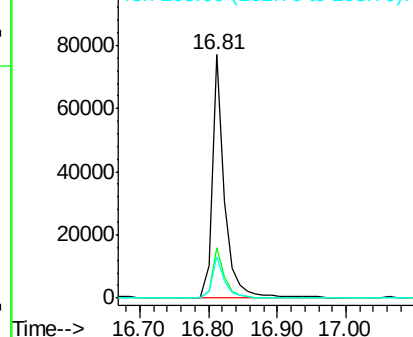
202 100

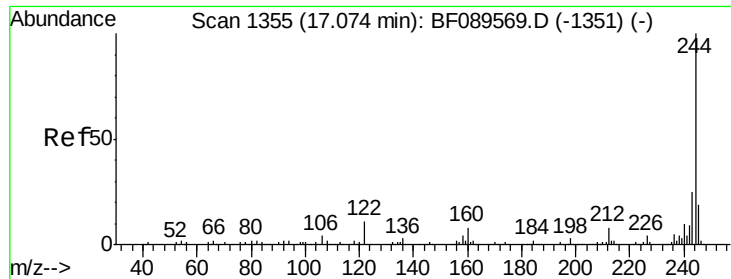
200 20.7 17.2 25.8

203 17.2 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



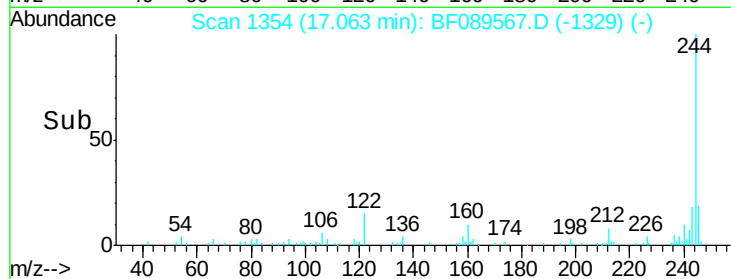
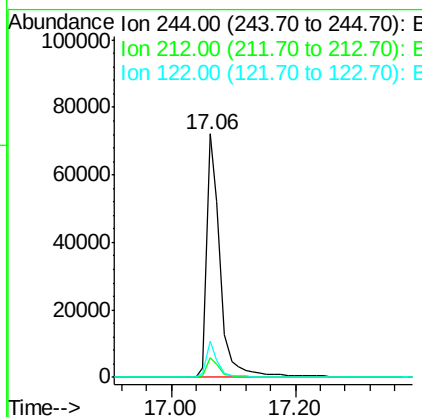
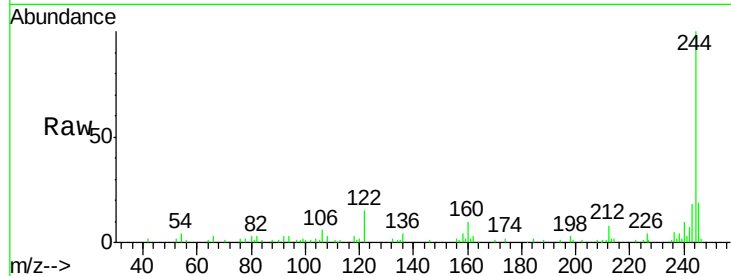


#78
 Terphenyl-d14
 Concen: 20.13 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

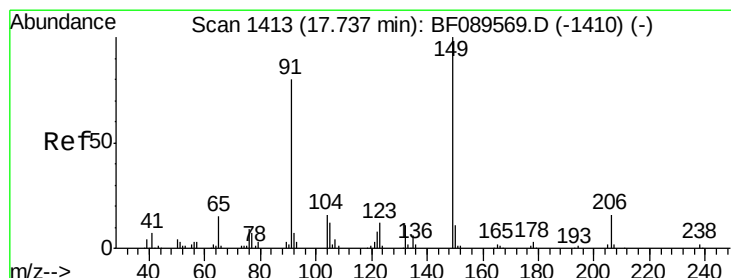
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.4
122	14.7	8.5	12.7

Manual Integrations
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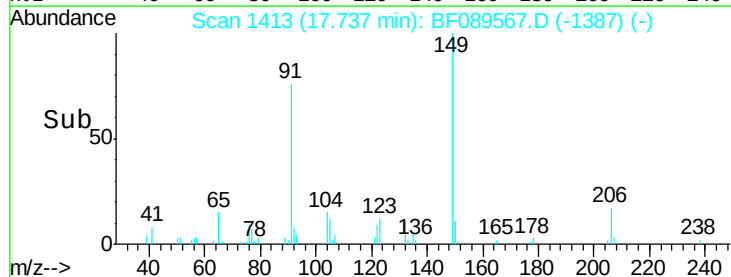
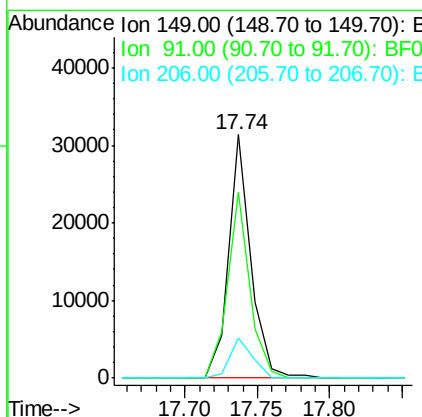
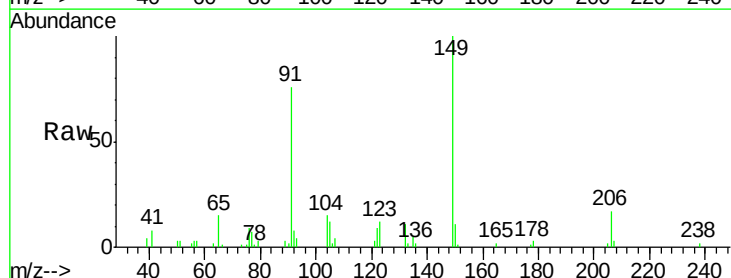
sohil

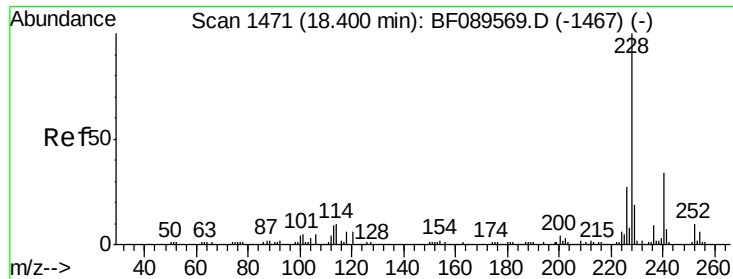
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#79
 Butylbenzylphthalate
 Concen: 9.34 ng
 RT: 17.74 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.4	63.6	95.4
206	16.6	12.8	19.2



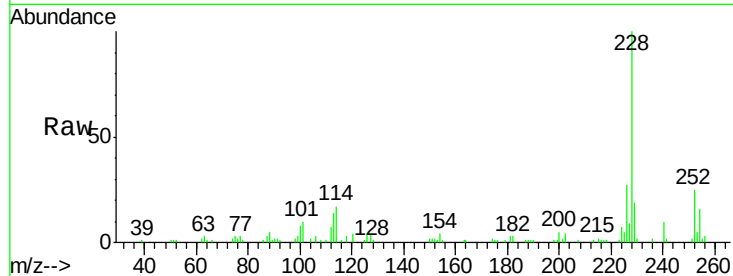


#80
Benzo(a)anthracene
Concen: 10.17 ng
RT: 18.39 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

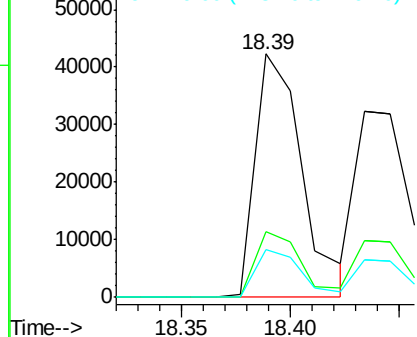
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.5	32.3
229	19.5	15.1	22.7

Manual Integrations
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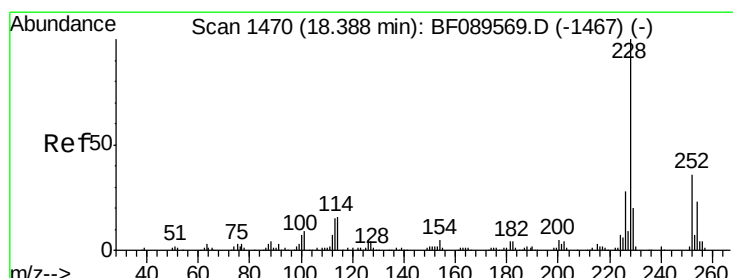
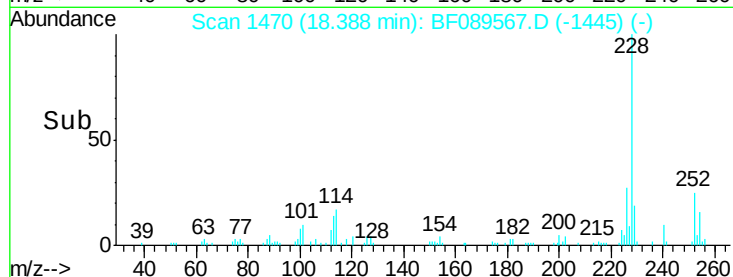


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



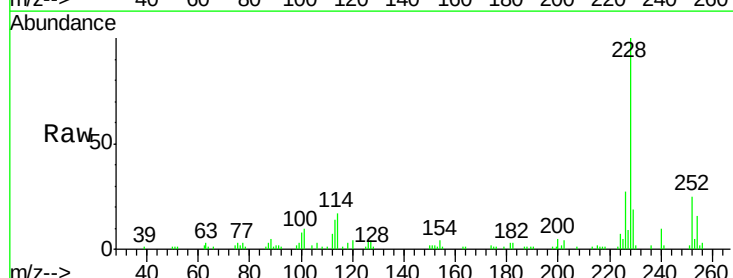
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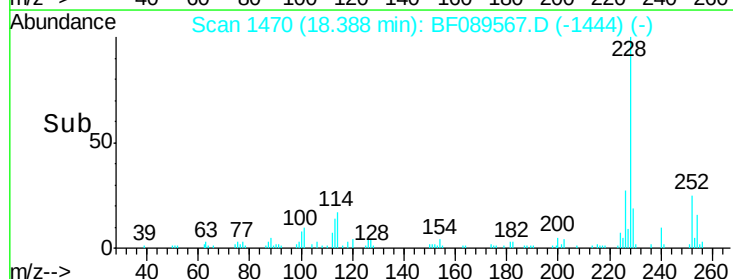
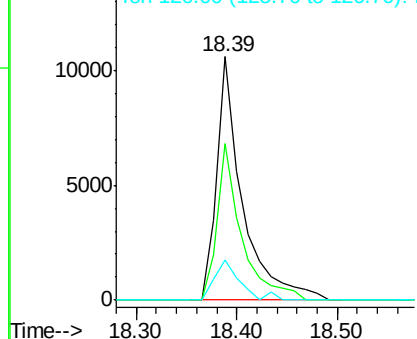


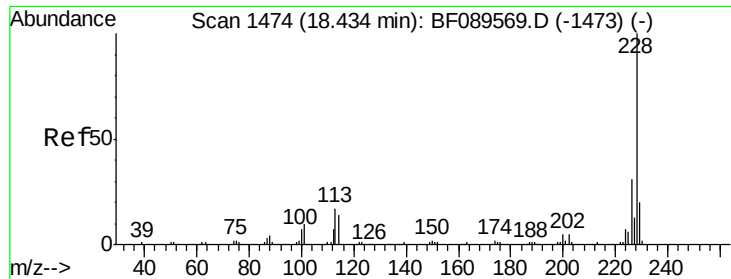
#81
3,3'-Dichlorobenzidine
Concen: 9.59 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.6	77.4
126	16.4	10.1	15.1



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



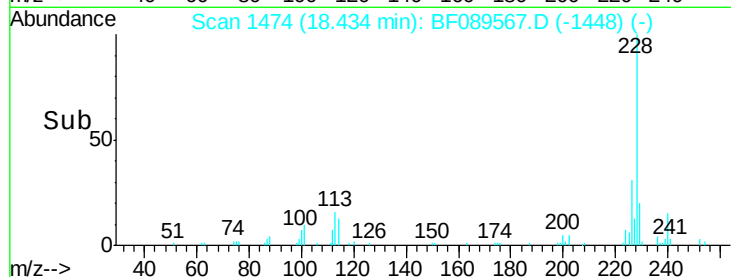
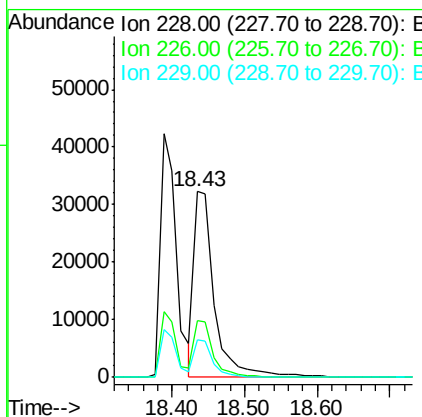
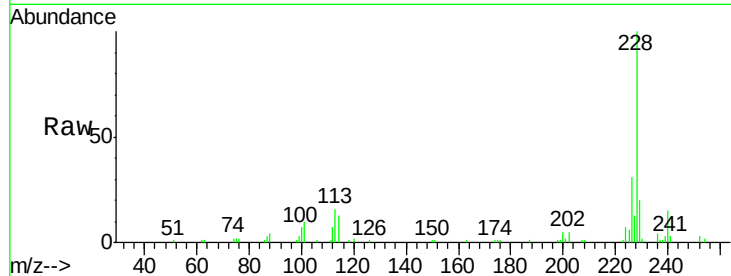


#82
 Chrysene
 Concen: 9.91 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

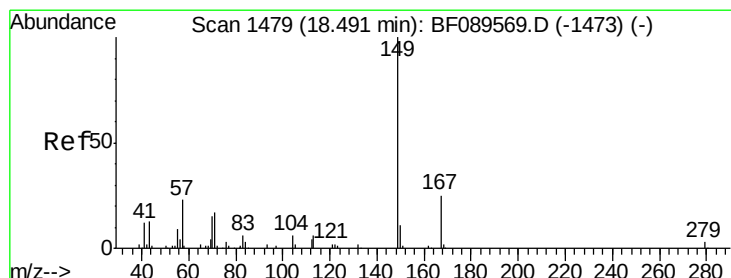
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	20.1	15.7	23.5

Manual Integrations
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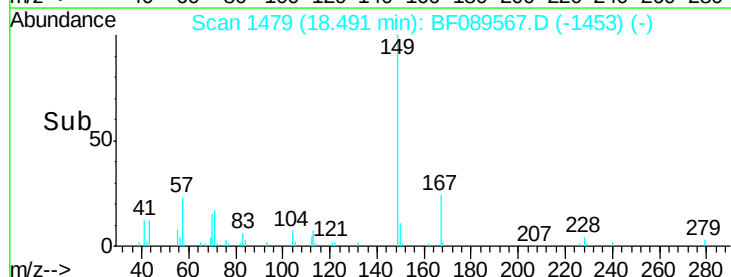
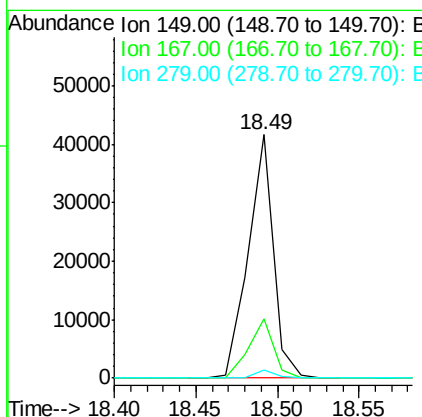
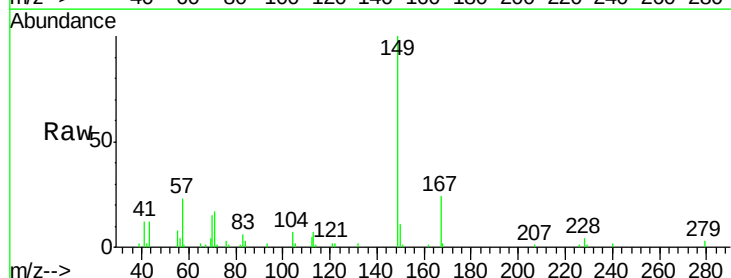
sohil

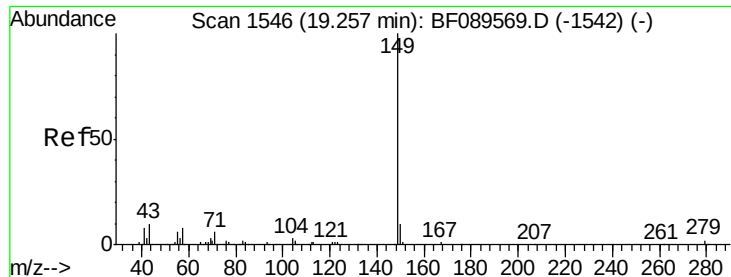
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.19 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.1	19.7	29.5
279	3.1	2.3	3.5





#84

Di-n-octyl phthalate

Concen: 8.29 ng

RT: 19.26 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

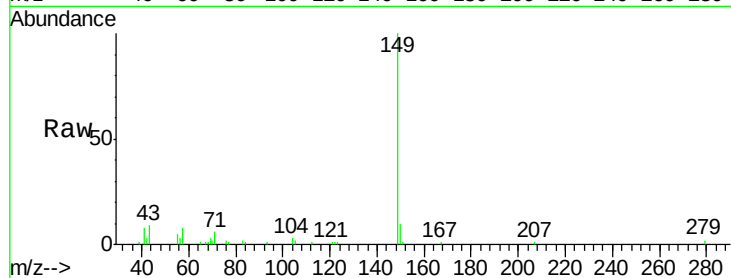
BNA_F

ClientSampleId :

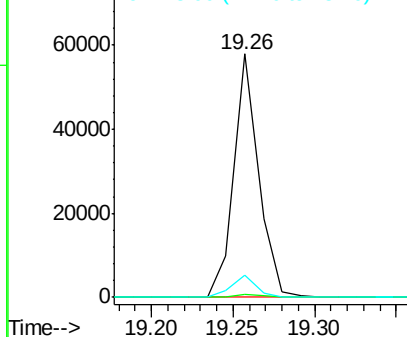
SSTDIC010

Tot Ion:	149	Resp:	60555
Ion Ratio	Lower	Upper	
149	100		
167	1.3	1.1	1.7
43	9.2	7.3	10.9

Manual Integrations
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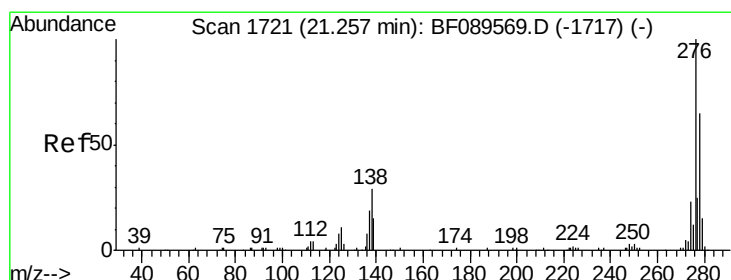
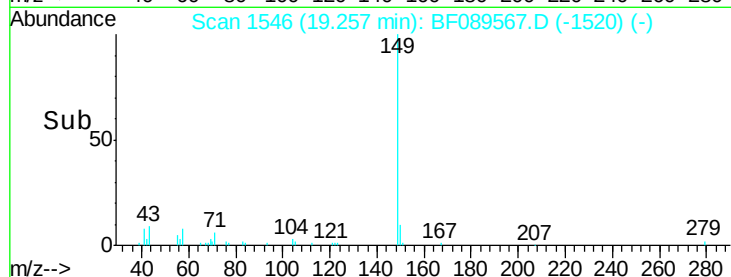


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



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#85

Indeno(1,2,3-cd)pyrene

Concen: 9.90 ng

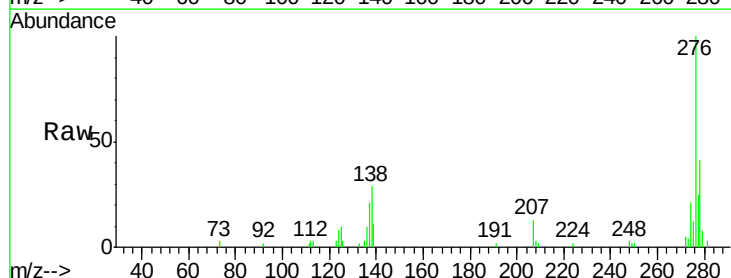
RT: 21.26 min Scan# 1721

Delta R.T. 0.00 min

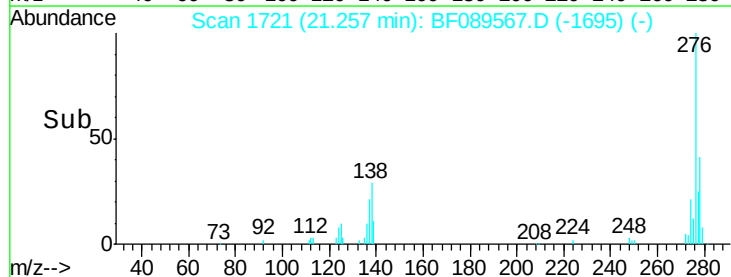
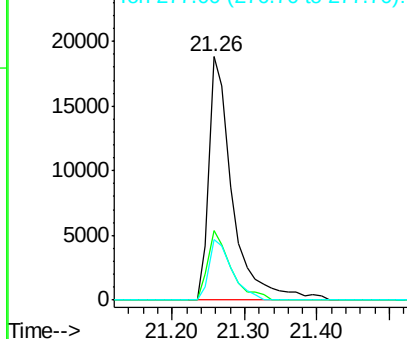
Lab File: BF089567.D

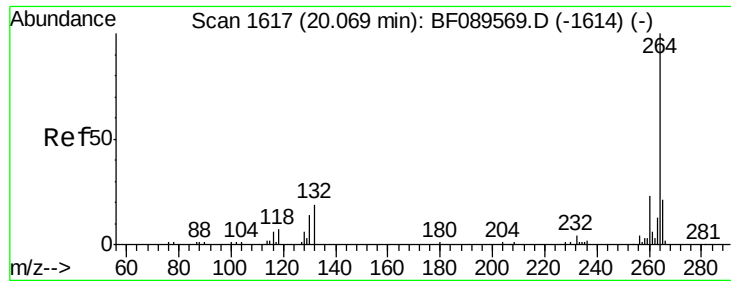
Acq: 3 Aug 2016 19:20

Tgt Ion:	276	Resp:	42511
Ion Ratio	Lower	Upper	
276	100		
138	27.8	23.5	35.3
277	24.1	20.5	30.7



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



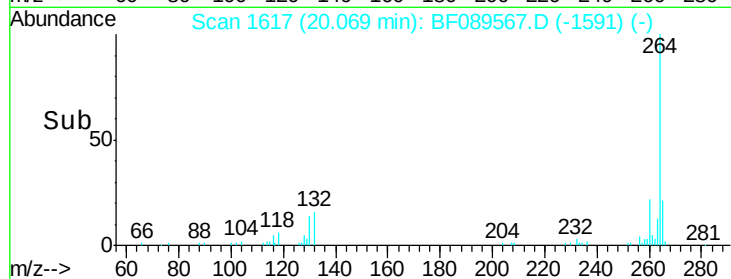
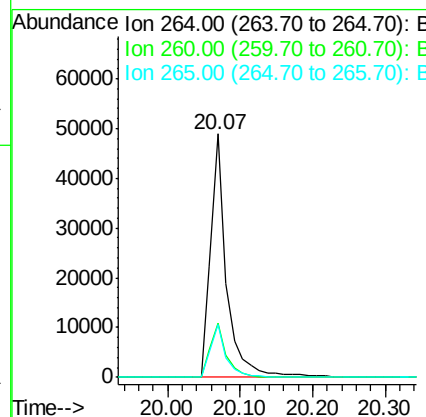
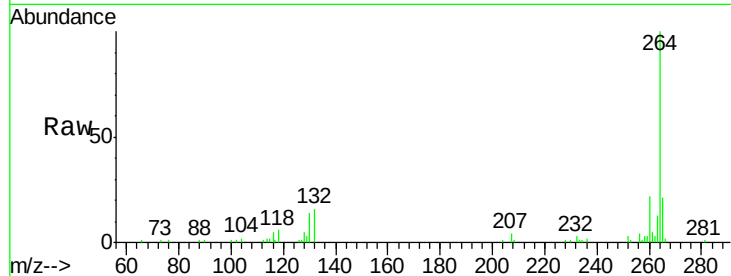


#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.07 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

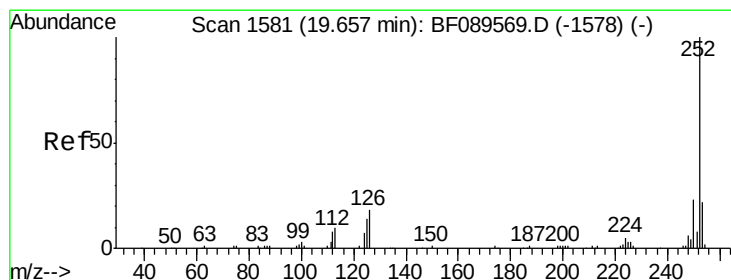
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	21.5	16.6	25.0

Manual Integrations
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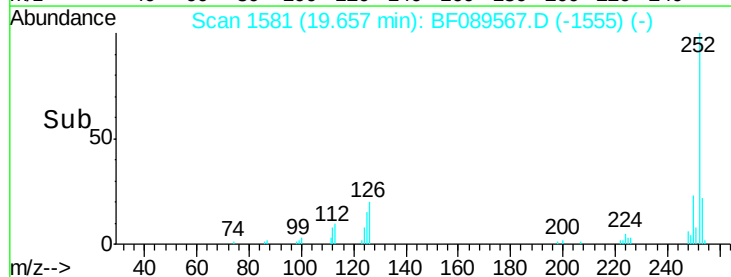
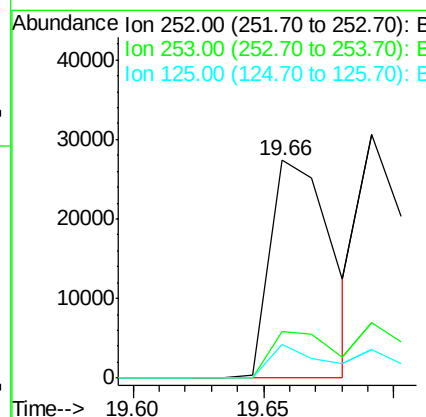
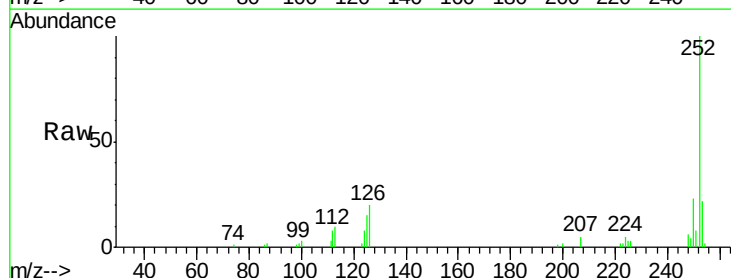
sohil

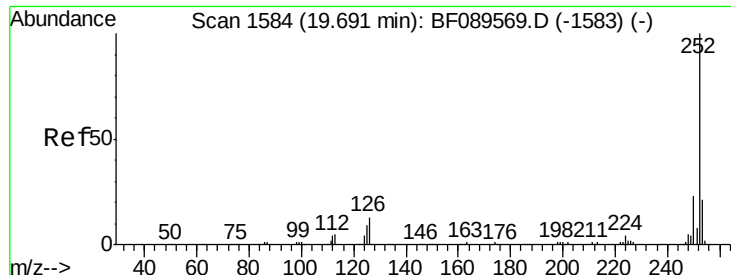
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#87
Benzo(b)fluoranthene
Concen: 9.77 ng
RT: 19.66 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	15.2	11.0	16.4





#88

Benzo(k)fluoranthene

Concen: 10.85 ng m

RT: 19.69 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

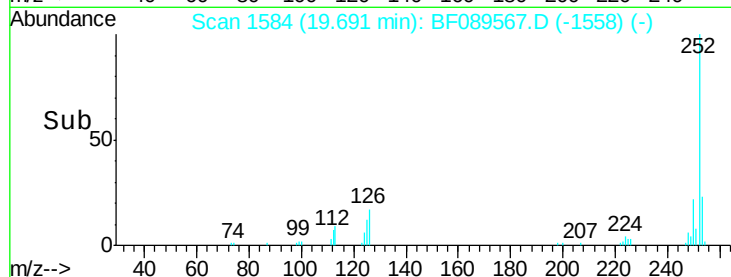
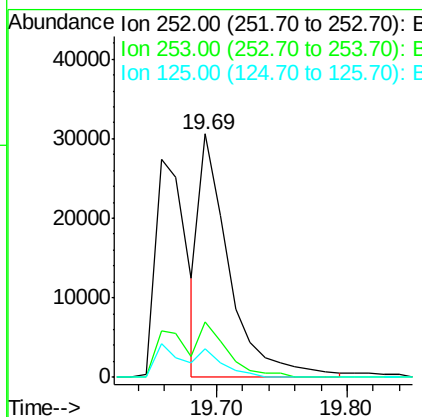
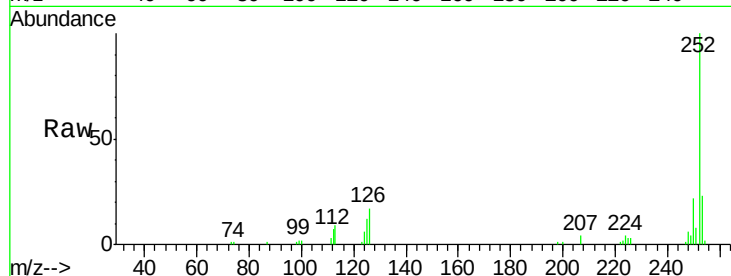
BNA_F

ClientSampleId :

SSTDIC010

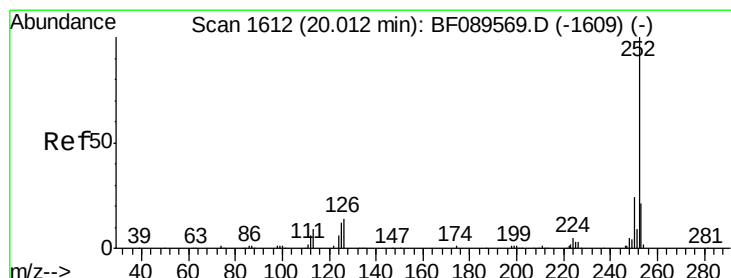
Tot Ion:	252	Resp:	49005
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.2	25.8
125	11.8	9.3	13.9

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 10.01 ng

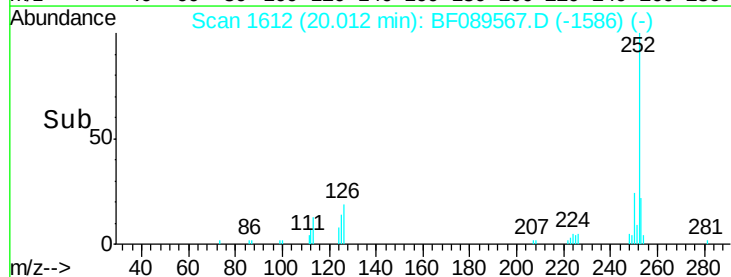
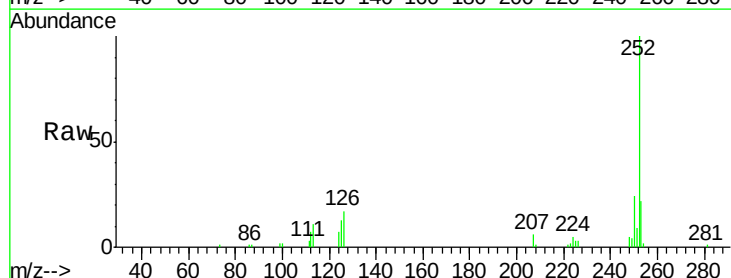
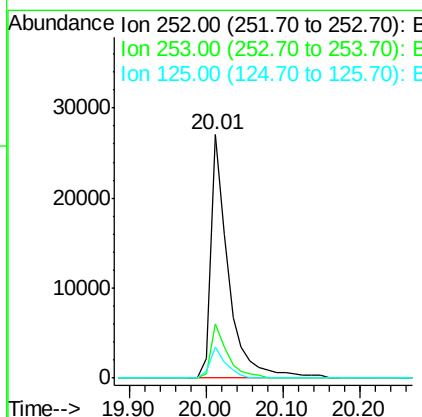
RT: 20.01 min Scan# 1612

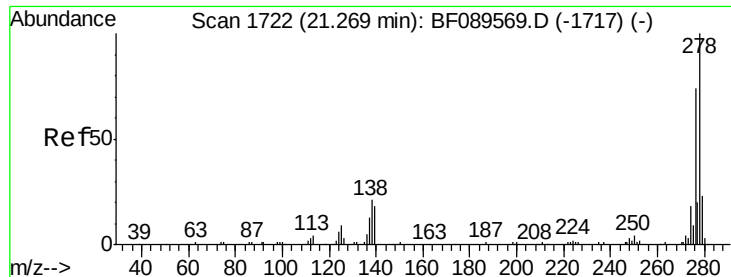
Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Tgt Ion:	252	Resp:	42574
Ion Ratio	Lower	Upper	
252	100		
253	22.1	16.6	24.8
125	12.8	9.4	14.0



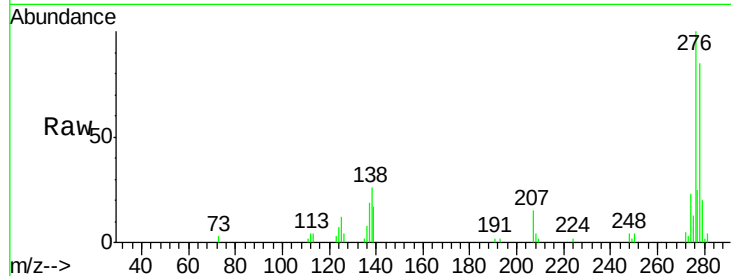


#90
Dibenzo(a,h)anthracene
Concen: 9.14 ng
RT: 21.27 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

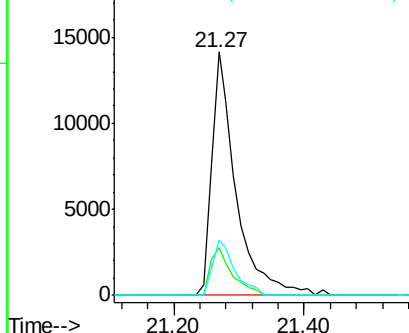
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.8	14.1	21.1
279	23.0	18.7	28.1

Manual Integrations
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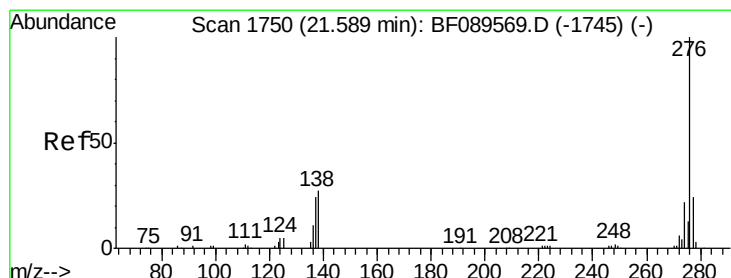
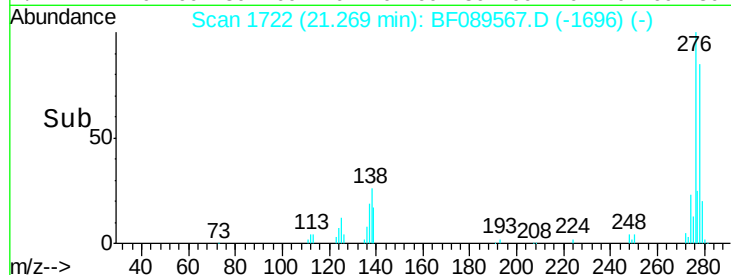


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



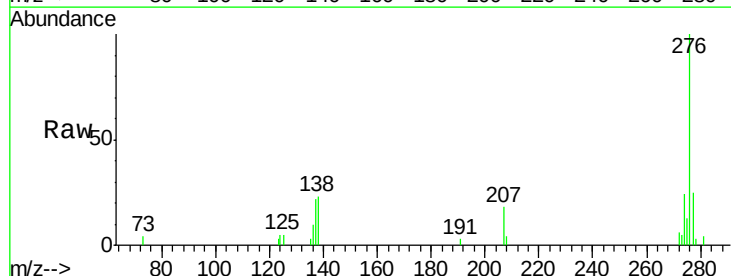
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#91
Benzo(g,h,i)perylene
Concen: 8.97 ng
RT: 21.60 min Scan# 1751
Delta R.T. 0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.6
138	23.1	21.7	32.5



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

