

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085089.D
 Acq On : 17 Feb 2016 16:32
 Operator : SJ/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021716

Manual Integrations
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Sohil
 2/19/2016 7:57:12 AM

Quant Time: Feb 17 17:03:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 16:42:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	218168	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	843271	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	392347	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	799948	20.00	ng	0.00
75) Chrysene-d12	14.16	240	792855	20.00	ng	0.00
86) Perylene-d12	15.63	264	728205	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	942966	75.54	ng	0.00
7) Phenol-d6	6.62	99	1341843	85.50	ng	0.00
23) Nitrobenzene-d5	7.55	82	1184211	86.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	363390	87.24	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2173003	81.85	ng	0.00
78) Terphenyl-d14	13.11	244	2243981	79.27	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	242547	41.06	ng	89
3) Pyridine	3.47	79	572299	37.60	ng	88
4) n-Nitrosodimethylamine	3.42	42	297903	40.80	ng	# 92
6) Aniline	6.65	93	879136	40.33	ng	# 72
8) 2-Chlorophenol	6.78	128	591176	41.08	ng	95
9) Benzaldehyde	6.54	77	342291	37.51	ng	86
10) Phenol	6.63	94	751318m	44.28	ng	
11) bis(2-Chloroethyl)ether	6.73	93	582717	40.69	ng	96
12) 1,3-Dichlorobenzene	6.94	146	640535	41.25	ng	99
13) 1,4-Dichlorobenzene	7.02	146	648911	41.15	ng	95
14) 1,2-Dichlorobenzene	7.16	146	560299	38.37	ng	98
15) Benzyl Alcohol	7.13	79	474407	41.17	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	865755	39.99	ng	94
17) 2-Methylphenol	7.23	107	456817	39.67	ng	# 86
18) Hexachloroethane	7.51	117	225649	40.16	ng	# 83
19) n-Nitroso-di-n-propylamine	7.40	70	412678	38.52	ng	92
20) 3+4-Methylphenols	7.39	107	602192	41.61	ng	98
22) Acetophenone	7.40	105	834092	39.70	ng	# 97
24) Nitrobenzene	7.58	77	615993	43.78	ng	99
25) Isophorone	7.82	82	1114687	38.77	ng	99
26) 2-Nitrophenol	7.90	139	289493	46.36	ng	# 88
27) 2,4-Dimethylphenol	7.92	122	549952	40.26	ng	99
28) bis(2-Chloroethoxy)methane	8.02	93	617559	36.22	ng	98
29) 2,4-Dichlorophenol	8.12	162	470704	39.99	ng	95
30) 1,2,4-Trichlorobenzene	8.22	180	511543	38.13	ng	99
31) Naphthalene	8.31	128	1654886	40.83	ng	98
32) Benzoic acid	8.04	122	429544	42.79	ng	97
33) 4-Chloroaniline	8.34	127	613849	35.29	ng	95
34) Hexachlorobutadiene	8.42	225	328407	40.49	ng	96
35) Caprolactam	8.72	113	149719	42.55	ng	94
36) 4-Chloro-3-methylphenol	8.82	107	543956	42.75	ng	88
37) 2-Methylnaphthalene	8.99	142	1072454	40.70	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	534947	40.07	ng	98
40) Hexachlorocyclopentadiene	9.15	237	315577	44.08	ng	96

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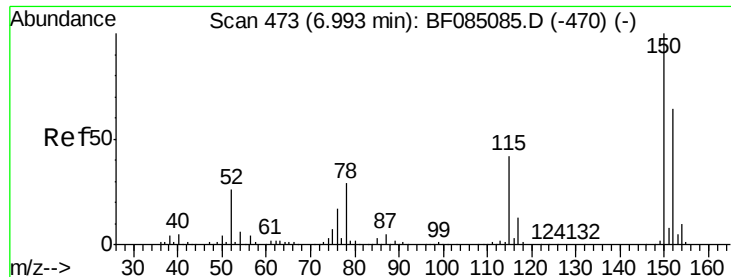
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	384162	45.30	nq	94
43) 2,4,5-Trichlorophenol	9.30	196	382643	45.79	nq	92
45) 1,1'-Biphenyl	9.46	154	1391228	41.45	nq	97
46) 2-Chloronaphthalene	9.48	162	1076657	43.60	nq	94
47) 2-Nitroaniline	9.58	65	301161	40.10	nq	# 75
48) Acenaphthylene	9.90	152	1575581	39.47	nq	97
49) Dimethylphthalate	9.76	163	1290793	44.82	nq	# 97
50) 2,6-Dinitrotoluene	9.82	165	284746	46.96	nq	92
51) Acenaphthene	10.07	154	978803	39.78	nq	97
52) 3-Nitroaniline	9.99	138	295731	43.05	nq	# 79
53) 2,4-Dinitrophenol	10.08	184	89949	44.11	nq	# 1
54) Dibenzofuran	10.24	168	1307470	39.78	nq	97
55) 4-Nitrophenol	10.12	139	227800	41.85	nq	95
56) 2,4-Dinitrotoluene	10.22	165	356464	47.70	nq	95
57) Fluorene	10.58	166	1034869	38.21	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	313781	46.01	nq	96
59) Diethylphthalate	10.46	149	1247318	41.93	nq	95
60) 4-Chlorophenyl-phenylether	10.57	204	544960	38.94	nq	92
61) 4-Nitroaniline	10.59	138	261186	40.72	nq	98
62) Azobenzene	10.73	77	1040597	37.24	nq	96
64) 4,6-Dinitro-2-methylphenol	10.63	198	153909	42.85	nq	# 58
65) n-Nitrosodiphenylamine	10.70	169	1042023	41.30	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	359527	38.49	nq	93
67) Hexachlorobenzene	11.13	284	392567	40.00	nq	92
68) Atrazine	11.21	200	286244	39.39	nq	96
69) Pentachlorophenol	11.32	266	254030	42.67	nq	97
70) Phenanthrene	11.54	178	1506148	37.48	nq	98
71) Anthracene	11.60	178	1763737	43.48	nq	95
72) Carbazole	11.75	167	1592465	43.05	nq	98
73) Di-n-butylphthalate	12.08	149	1831154	43.38	nq	97
74) Fluoranthene	12.73	202	1720865	39.62	nq	93
76) Benzidine	12.85	184	877317	37.59	nq	# 93
77) Pyrene	12.96	202	1682557	35.25	nq	96
79) Butylbenzylphthalate	13.58	149	828158	43.65	nq	96
80) Benzo(a)anthracene	14.15	228	1633736	36.94	nq	95
81) 3,3'-Dichlorobenzidine	14.11	252	664068	40.61	nq	# 96
82) Chrysene	14.18	228	1465821m	36.01	nq	
83) Bis(2-ethylhexyl)phthalate	14.14	149	1107759	42.72	nq	# 95
84) Di-n-octyl phthalate	14.74	149	1799204	43.37	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1705613	43.32	nq	99
87) Benzo(b)fluoranthene	15.20	252	1604741	34.56	nq	# 95
88) Benzo(k)fluoranthene	15.23	252	1662055m	44.45	nq	
89) Benzo(a)pyrene	15.58	252	1607320	40.74	nq	98
90) Dibenzo(a,h)anthracene	17.14	278	1403175	41.66	nq	98
91) Benzo(g,h,i)perylene	17.58	276	1338779	40.51	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

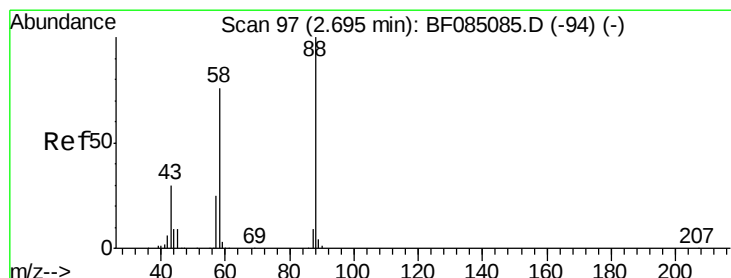
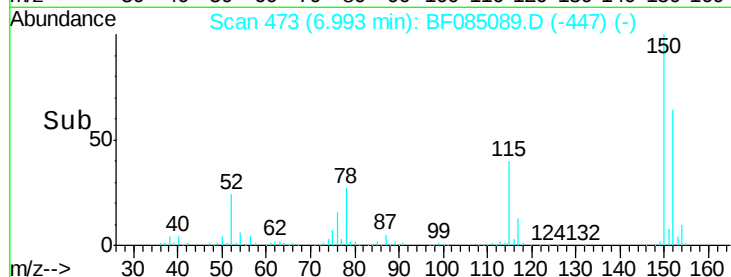
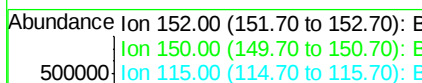
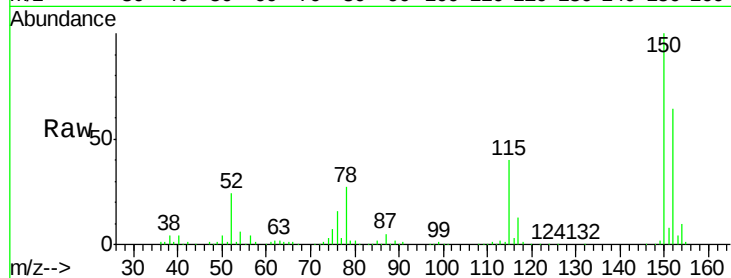
ClientSampleId :

ICVBF021716

Tot Ion:	152	Resp:	218168
Ion Ratio	Lower	Upper	
152	100		
150	156.7	127.4	191.2
115	62.4	50.5	75.7

Manual Integrations
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#2

1,4-Dioxane

Concen: 41.06 ng

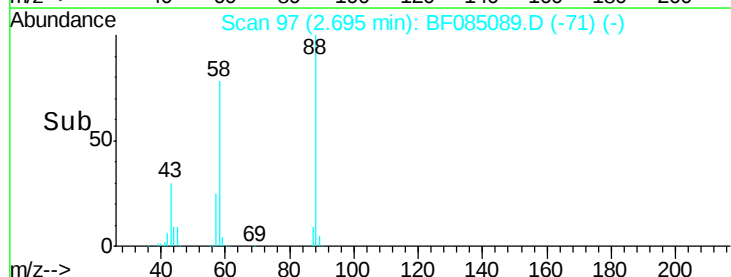
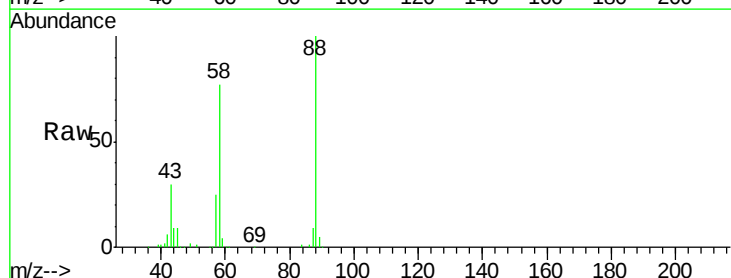
RT: 2.70 min Scan# 97

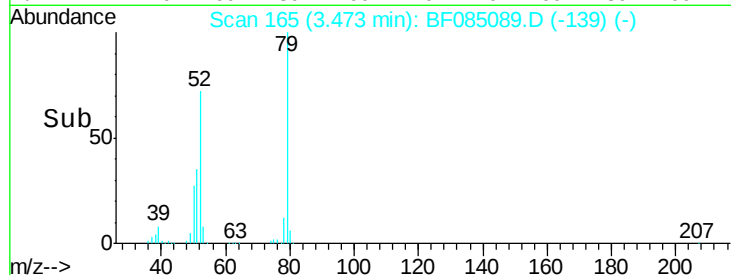
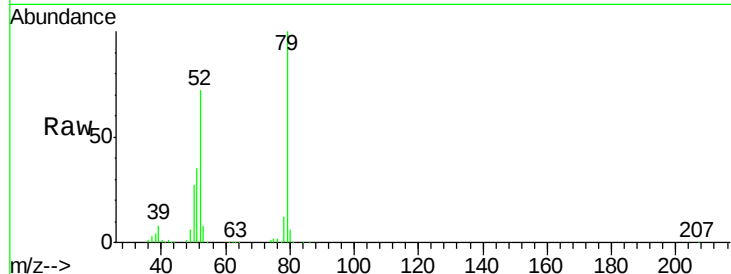
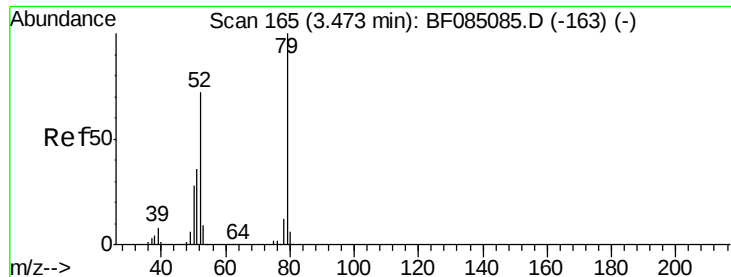
Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion:	88	Resp:	242547
Ion Ratio	Lower	Upper	
88	100		
58	76.3	70.9	106.3
43	29.2	25.9	38.9





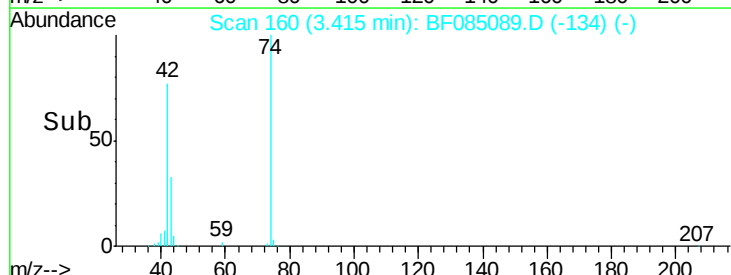
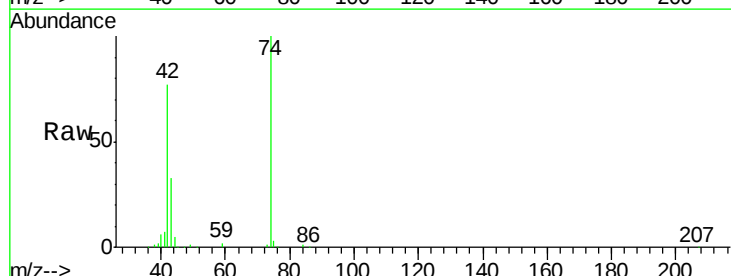
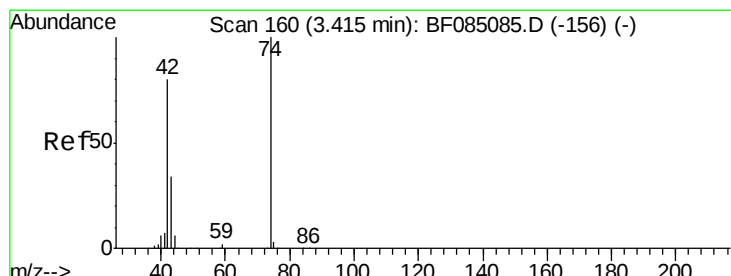
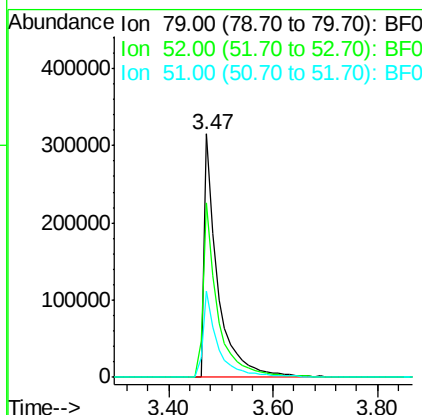
#3
 Pvridine
 Concen: 37.60 ng
 RT: 3.47 min Scan# 165
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.5	67.1	100.7
51	35.3	32.7	49.1

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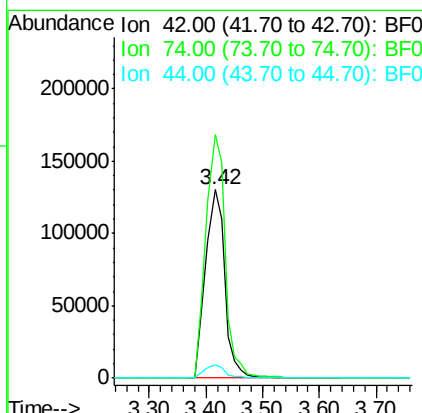
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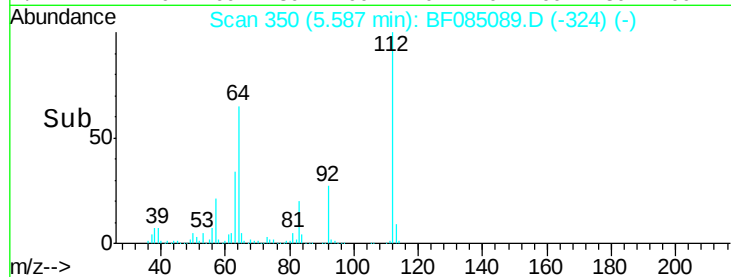
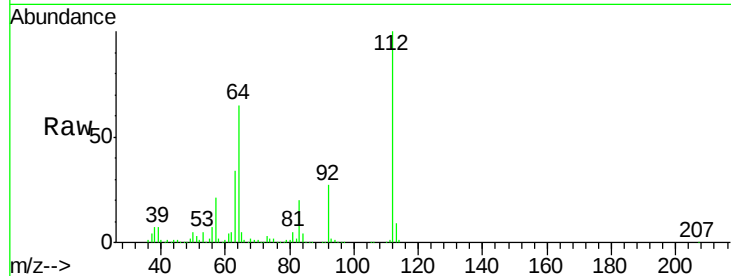
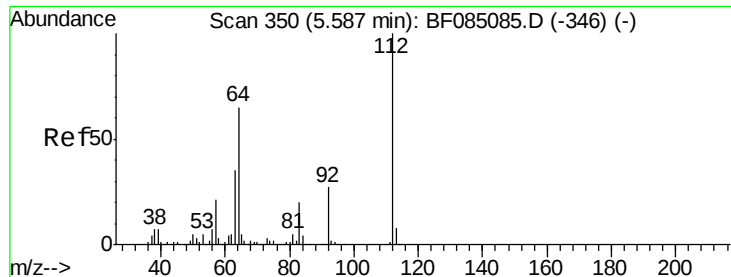
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#4
 n-Nitrosodimethylamine
 Concen: 40.80 ng
 RT: 3.42 min Scan# 160
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.5	96.2	144.4
44	6.8	7.0	10.4





#5

2-Fluorophenol

Concen: 75.54 ng

RT: 5.59 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

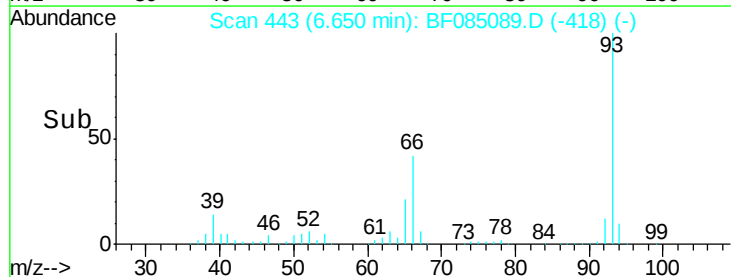
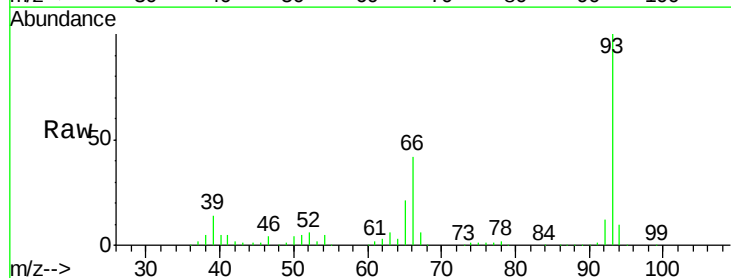
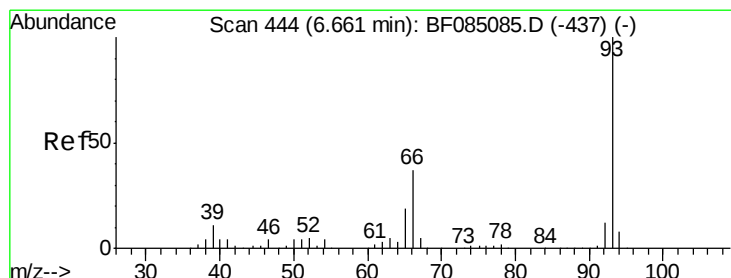
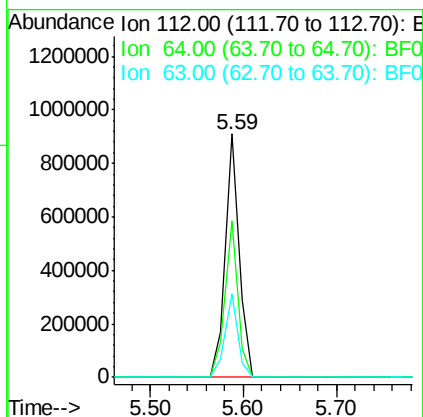
ClientSampleId :

ICVBF021716

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		942966		
64	64.6		45.4	68.2	
63	34.4		23.2	34.8	

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#6

Aniline

Concen: 40.33 ng

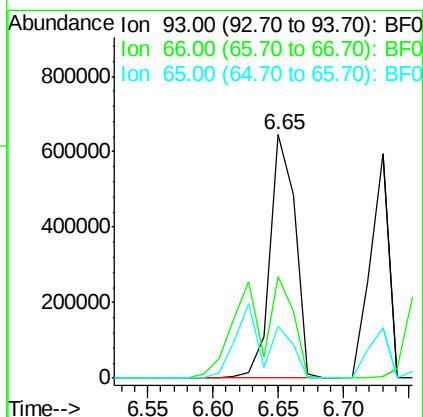
RT: 6.65 min Scan# 443

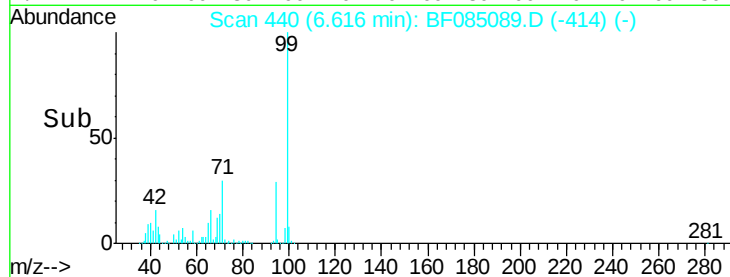
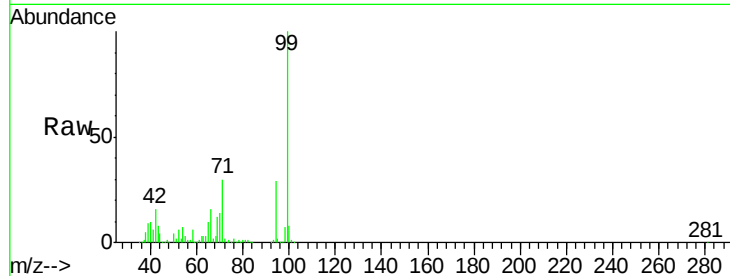
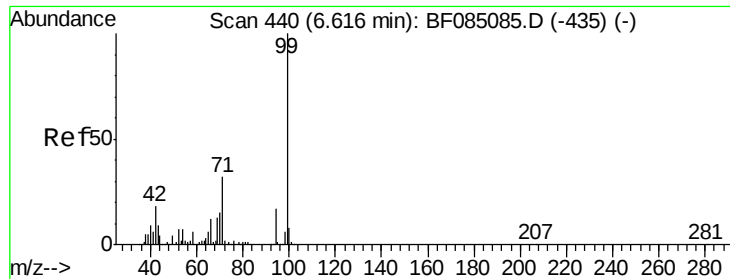
Delta R.T. -0.01 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		879136		
66	41.5		51.8	77.8#	
65	21.1		28.5	42.7#	





#7

Phenol-d6

Concen: 85.50 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tot Ion: 99 Resp: 1341843

Ion Ratio Lower Upper

99 100

42 15.6 17.0 25.4#

71 30.3 28.3 42.5

Instrument :

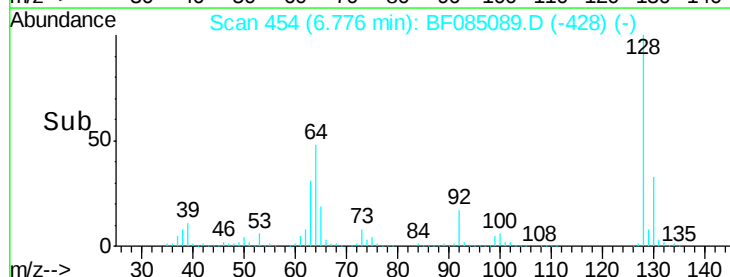
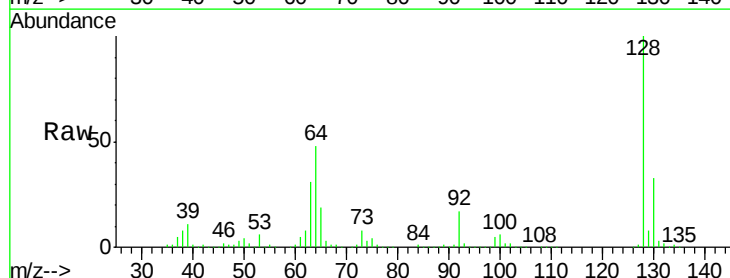
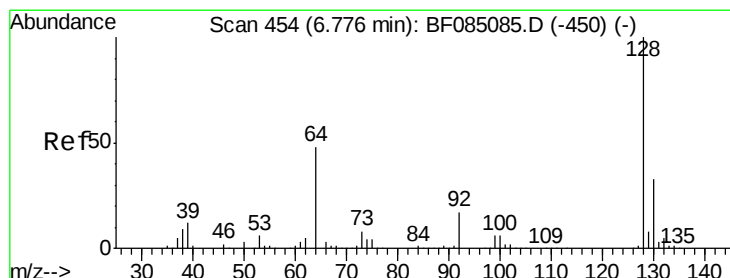
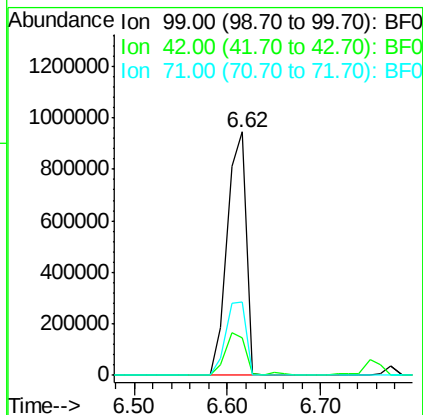
BNA_F

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#8

2-Chlorophenol

Concen: 41.08 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

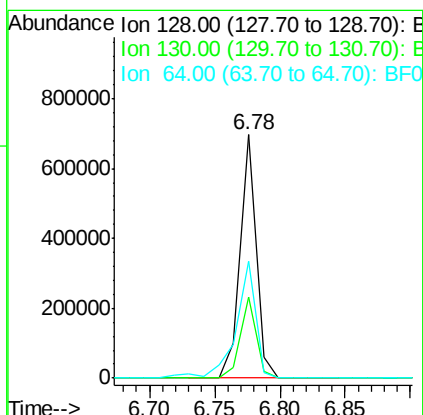
Tgt Ion:128 Resp: 591176

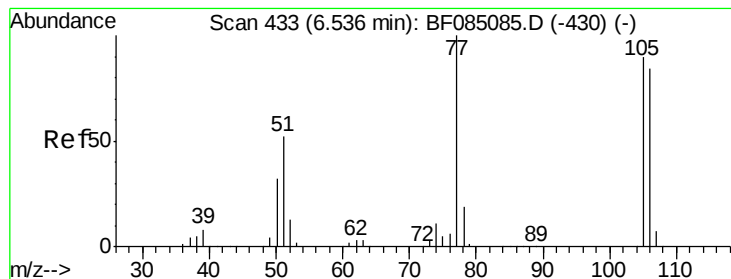
Ion Ratio Lower Upper

128 100

130 33.5 12.4 52.4

64 47.8 32.1 72.1





#9

Benzaldehyde

Concen: 37.51 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

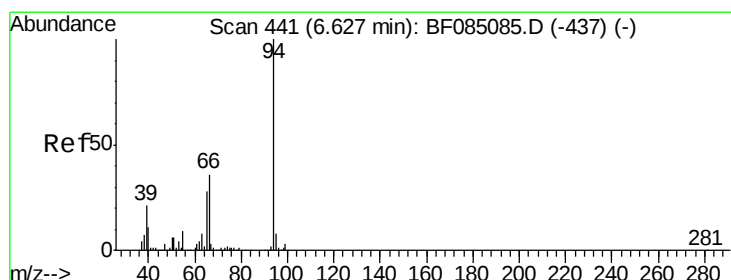
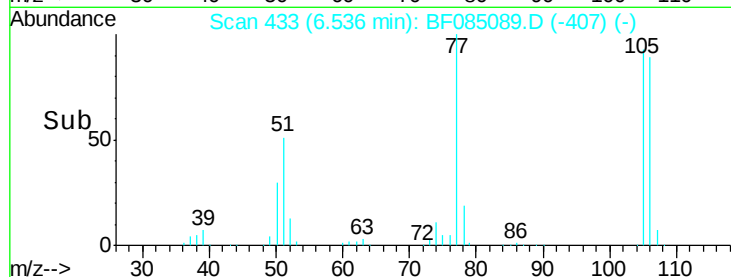
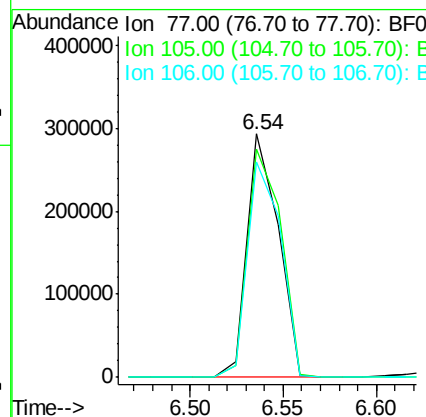
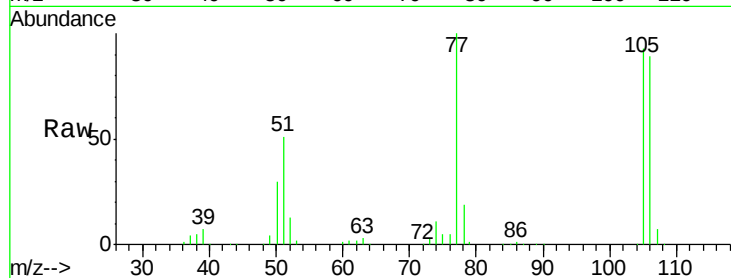
ClientSampleId :

ICVBF021716

Tot Ion:	77	Resp:	342291
Ion Ratio	Lower	Upper	
77	100		
105	93.5	90.9	130.9
106	88.7	79.7	119.7

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#10

Phenol

Concen: 44.28 ng m

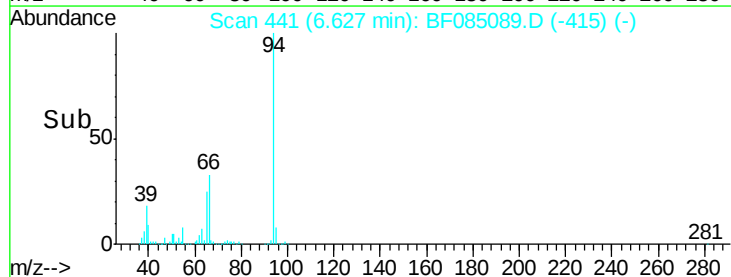
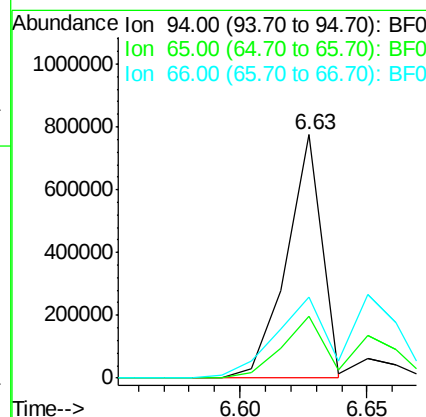
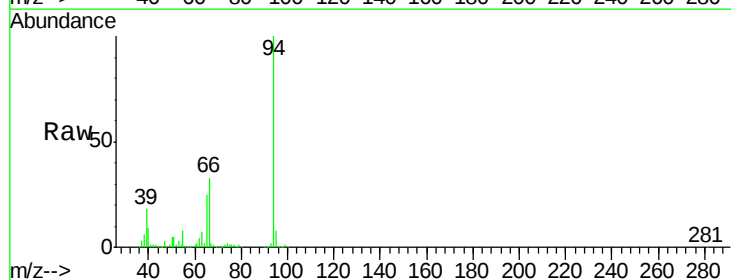
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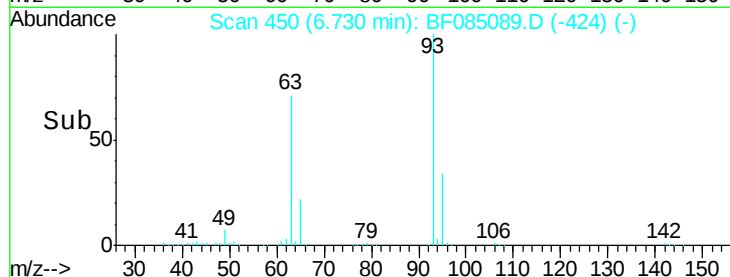
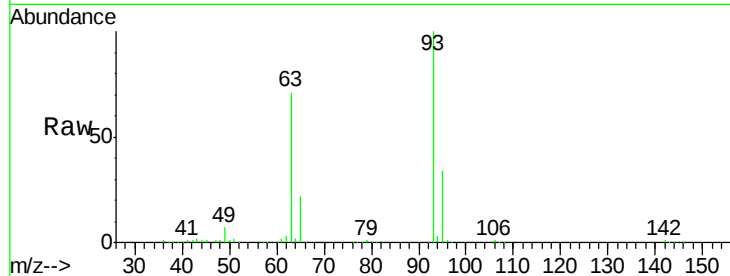
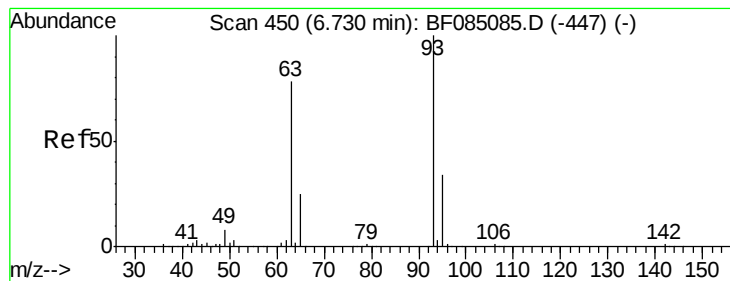
Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion:	94	Resp:	751318
Ion Ratio	Lower	Upper	
94	100		
65	25.4	37.3	77.3#
66	33.1	84.1	124.1#





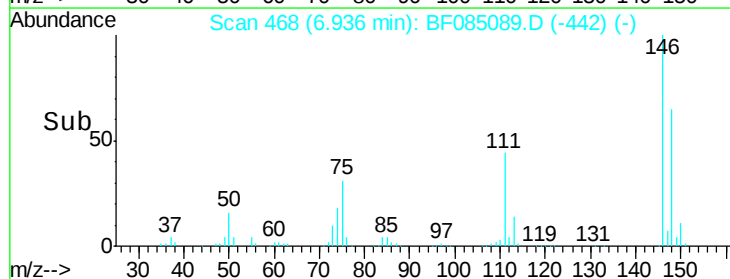
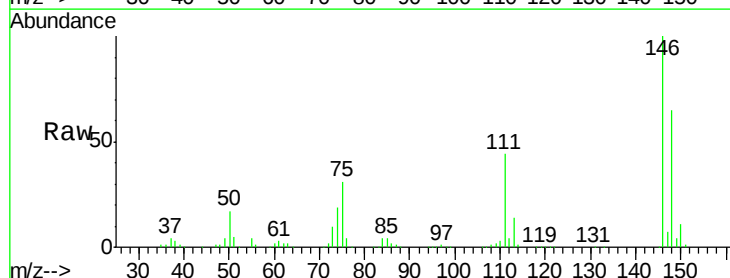
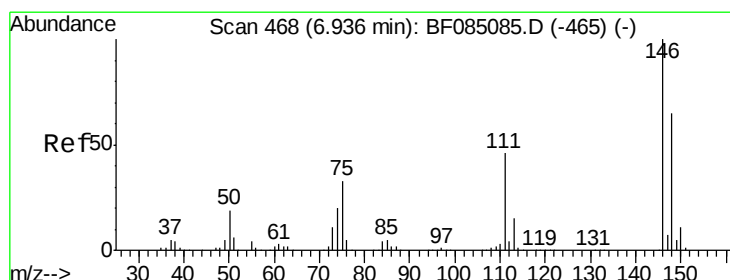
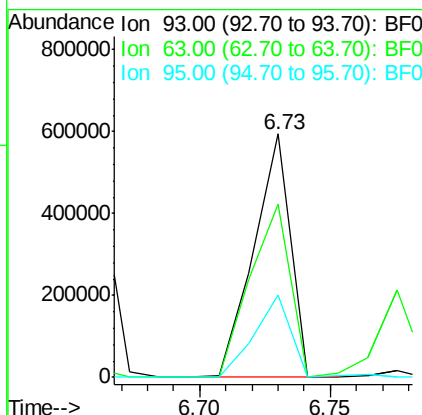
#11
bis(2-Chloroethyl)ether
Concen: 40.69 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tot Ion	Ratio	Resp	Lower	Upper
93	100	582717		
63	71.1	53.6	93.6	
95	33.8	10.1	50.1	

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

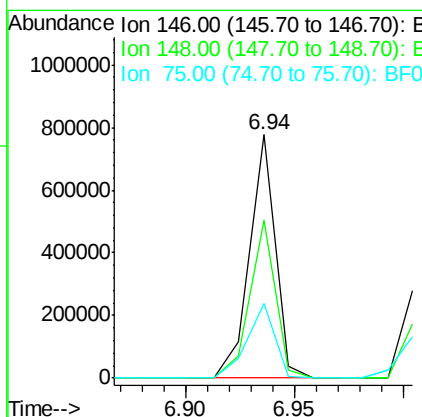
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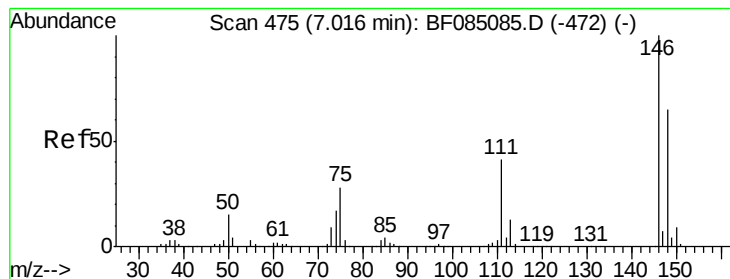
Sohil
2/19/2016 7:57:12 AM



#12
1,3-Dichlorobenzene
Concen: 41.25 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	640535		
148	64.9	53.1	79.7	
75	30.7	24.4	36.6	





#13

1,4-Dichlorobenzene

Concen: 41.15 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

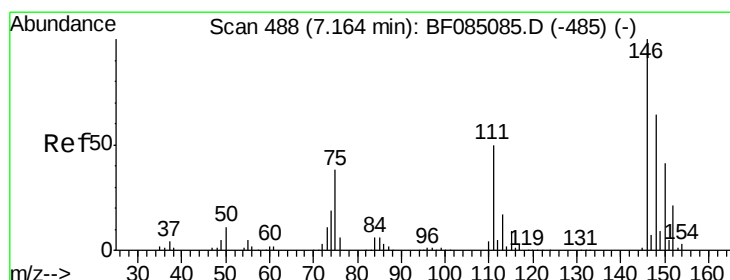
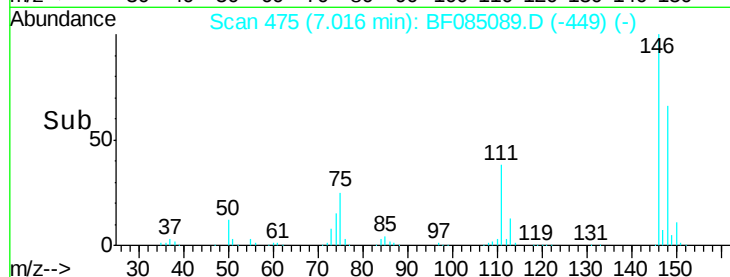
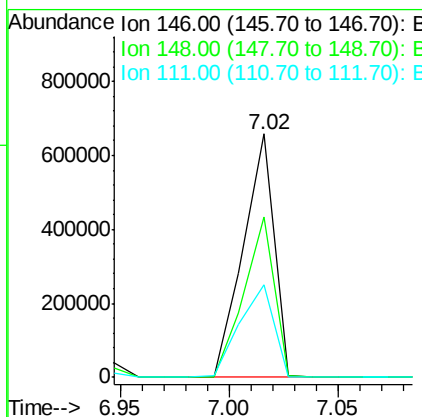
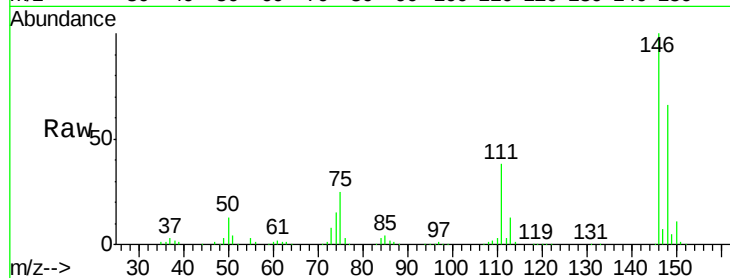
ClientSampleId :

ICVBF021716

Tot Ion:	146	Resp:	648911
Ion Ratio	Lower	Upper	
146	100		
148	65.8	50.3	75.5
111	38.2	33.6	50.4

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#14

1,2-Dichlorobenzene

Concen: 38.37 ng

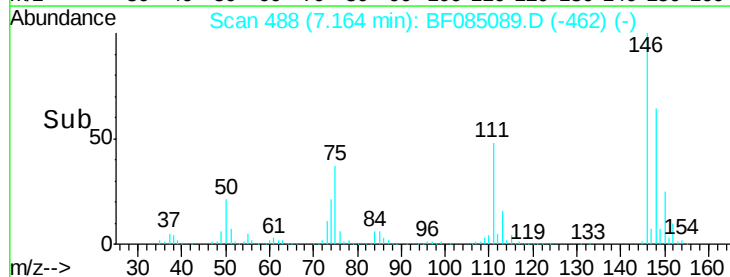
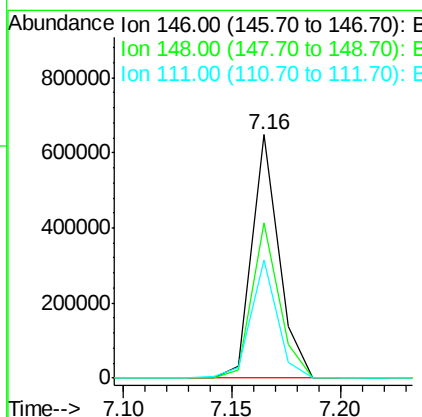
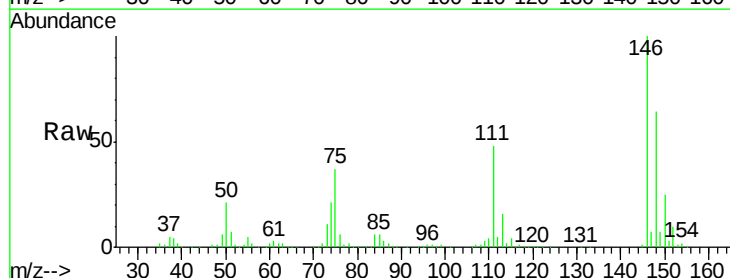
RT: 7.16 min Scan# 488

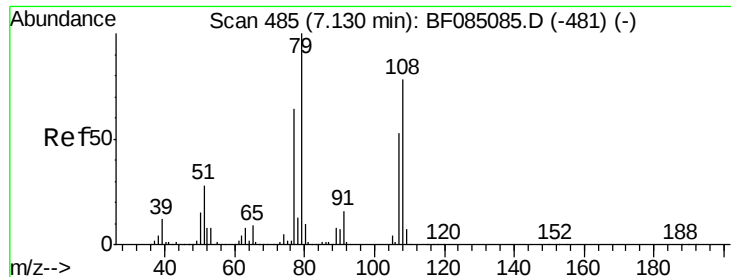
Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion:	146	Resp:	560299
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.5	77.3
111	48.4	36.5	54.7





#15

Benzyl Alcohol

Concen: 41.17 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

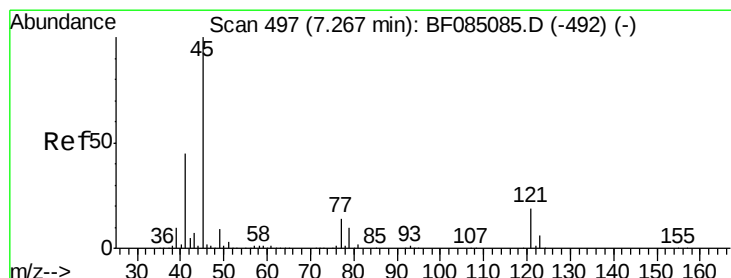
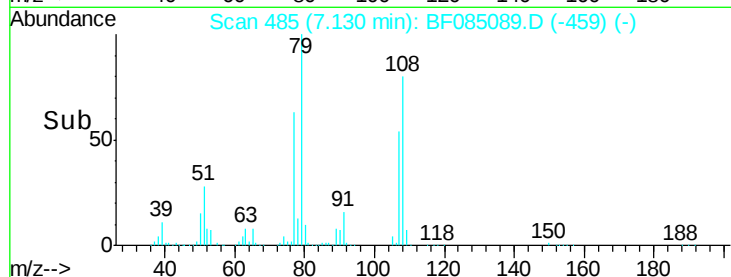
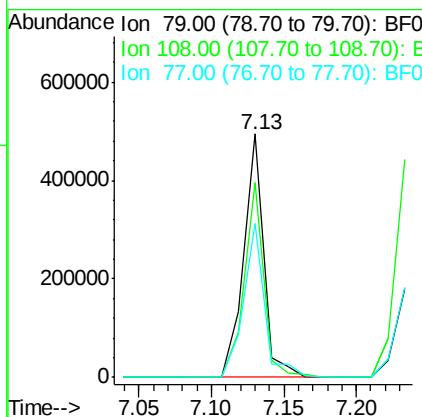
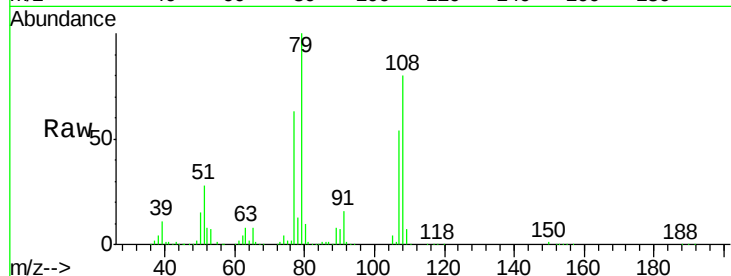
ClientSampleId :

ICVBF021716

Tot Ion:	79	Resp:	474407
Ion Ratio	Lower	Upper	
79	100		
108	79.9	63.4	95.0
77	63.4	51.8	77.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.99 ng

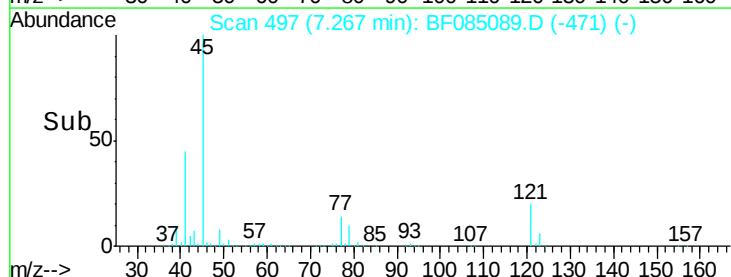
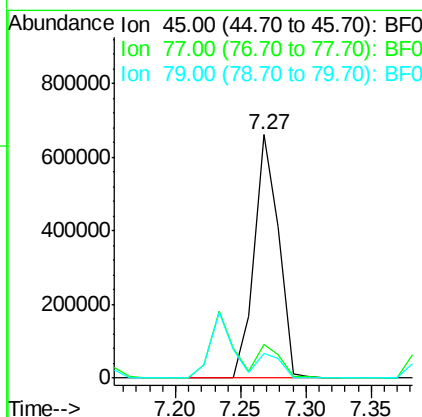
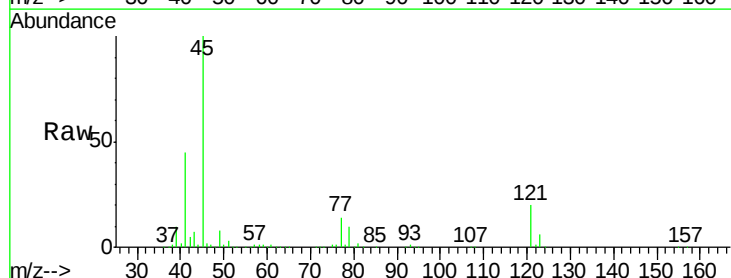
RT: 7.27 min Scan# 497

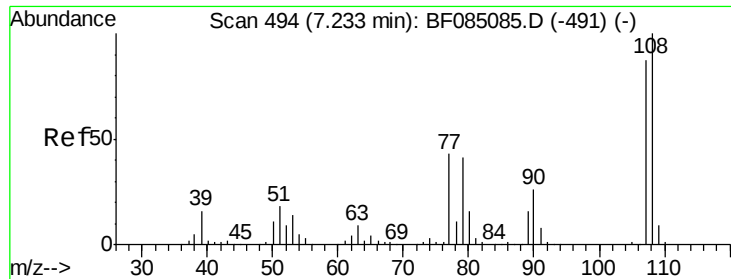
Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion:	45	Resp:	865755
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	35.2
79	10.3	0.0	33.7





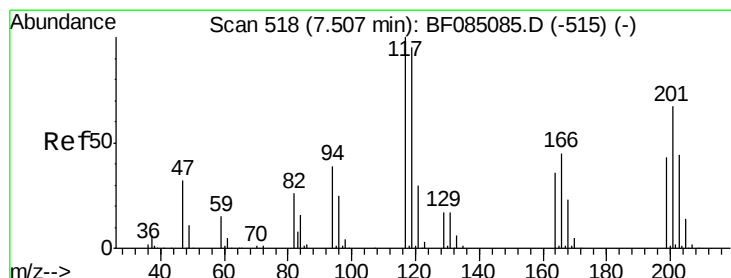
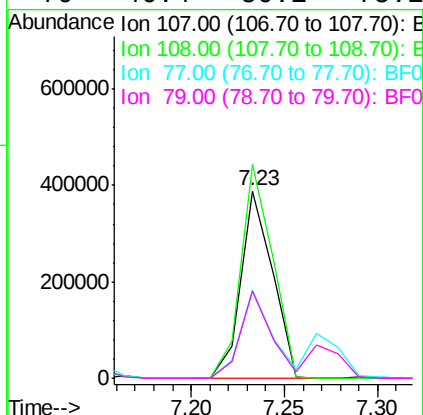
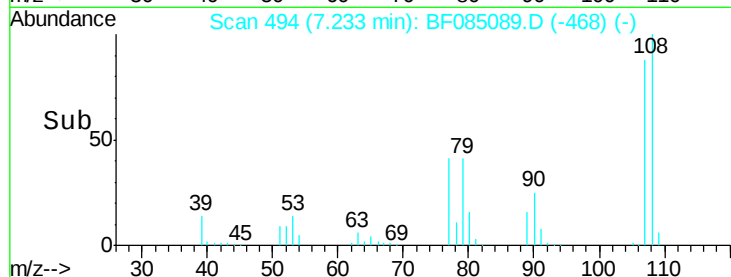
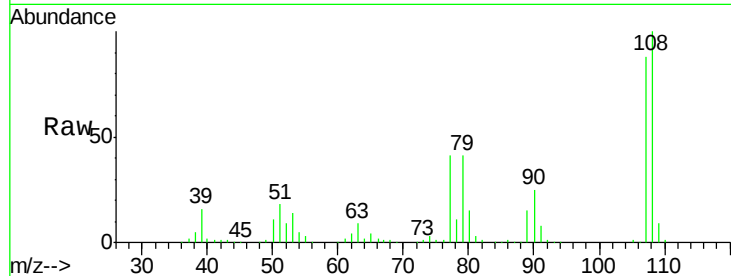
#17
2-Methylphenol
Concen: 39.67 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	97.0	145.4	
77	47.2	50.5	75.7#	
79	46.4	50.1	75.1#	

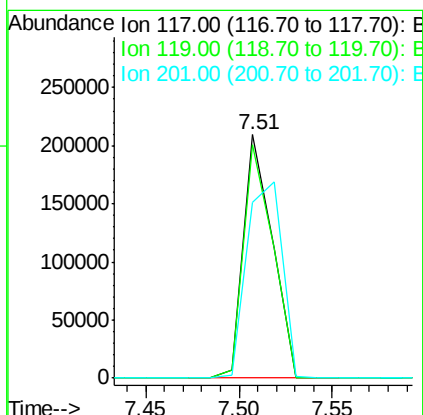
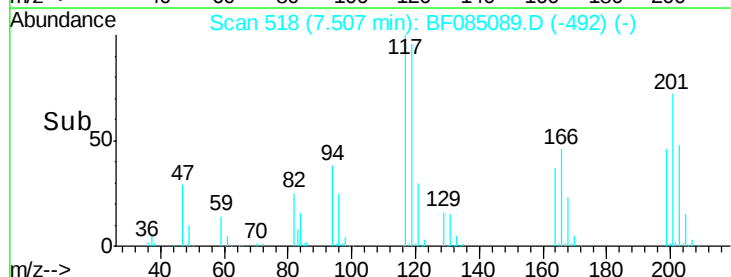
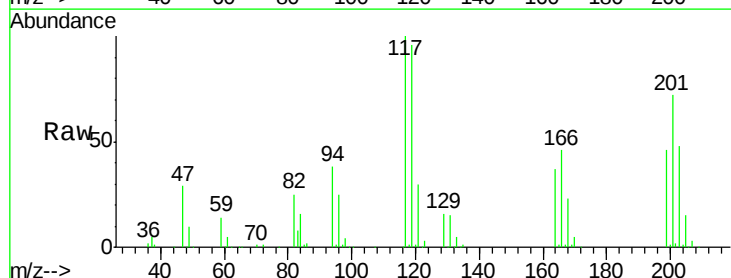
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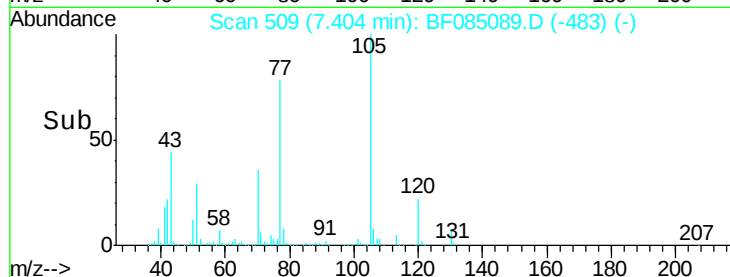
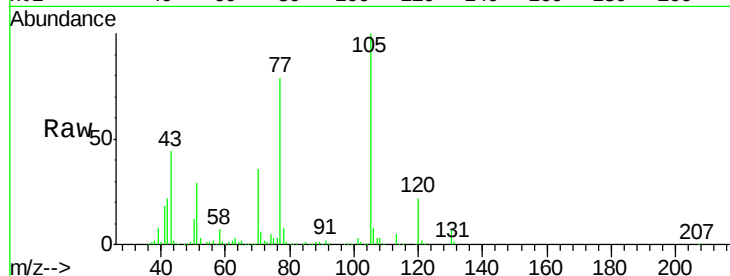
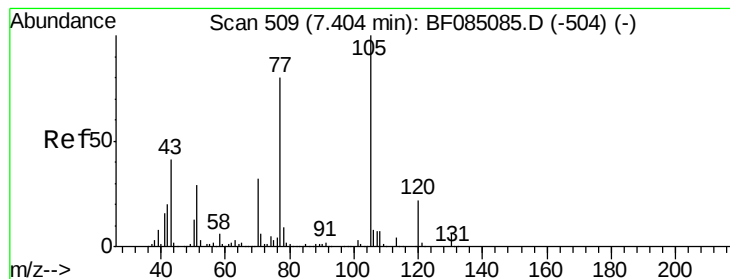
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#18
Hexachloroethane
Concen: 40.16 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	74.5	111.7	
201	72.0	80.9	121.3#	





#19

n-Nitroso-di-n-propylamine

Concen: 38.52 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

ICVBF021716

Tot Ion: 70 Resp: 412678

Ion Ratio Lower Upper

70 100

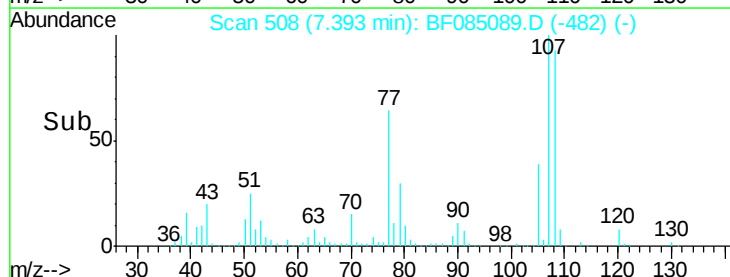
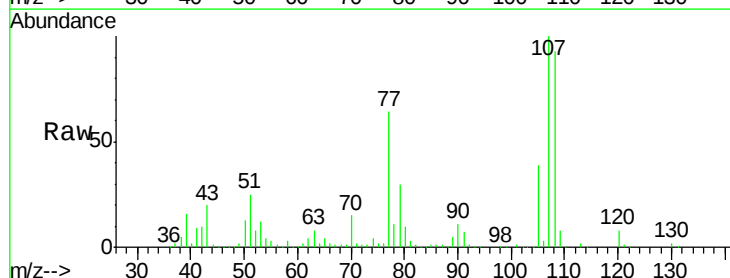
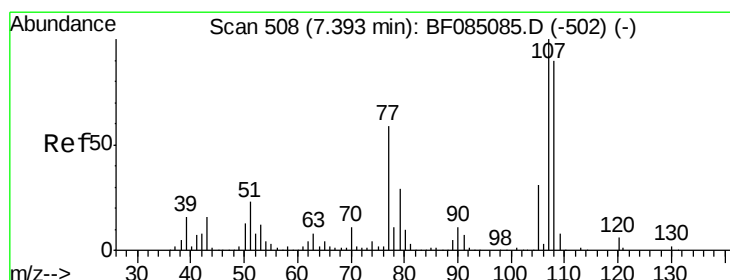
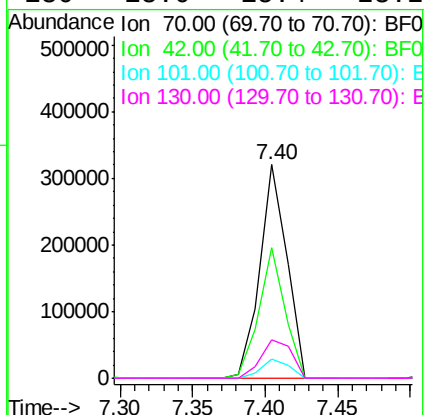
42 61.0 55.8 83.6

101 8.8 7.7 11.5

130 18.0 15.4 23.2

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#20

3+4-Methylphenols

Concen: 41.61 ng

RT: 7.39 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion: 107 Resp: 602192

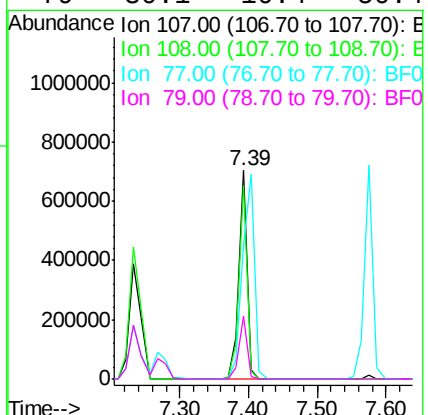
Ion Ratio Lower Upper

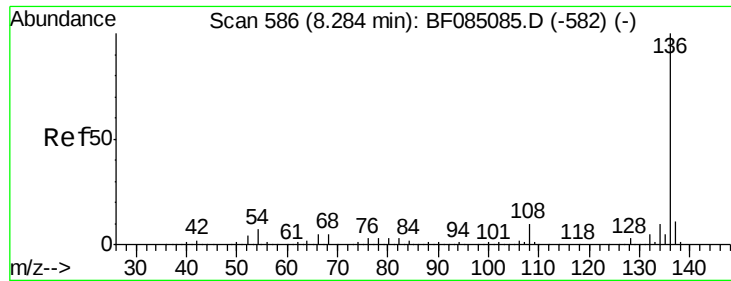
107 100

108 92.8 74.4 114.4

77 63.8 46.9 86.9

79 30.1 10.4 50.4





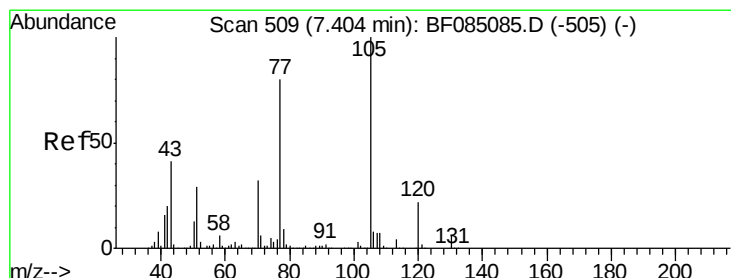
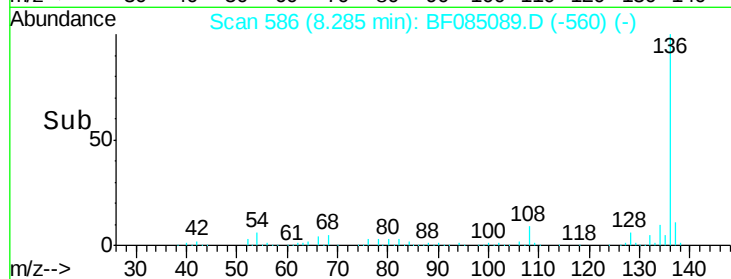
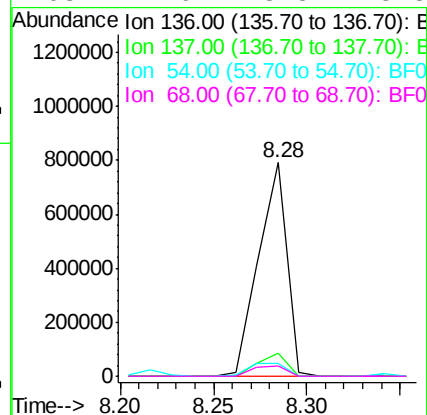
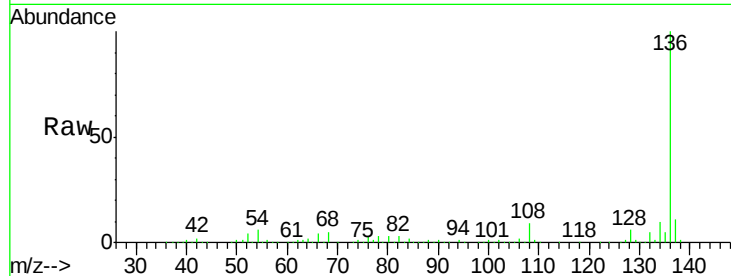
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion	Ratio	Resp	Lower	Upper
136	100	843271		
137	10.9		8.9	13.3
54	6.3		6.1	9.1
68	4.9		3.5	5.3

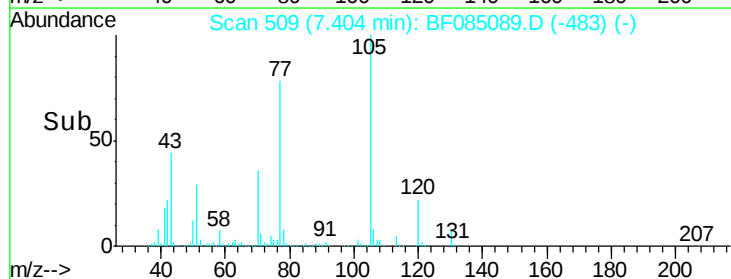
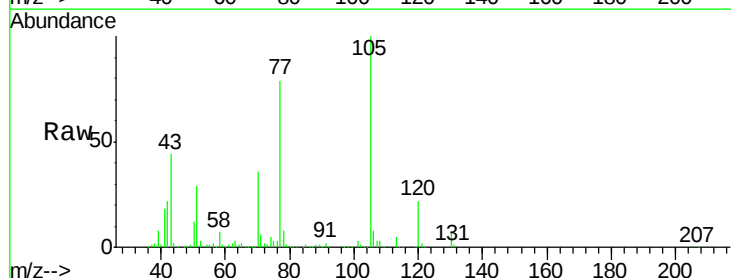
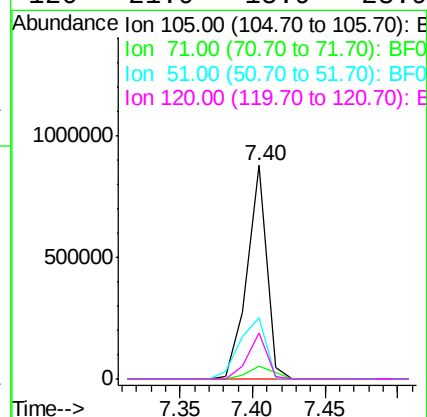
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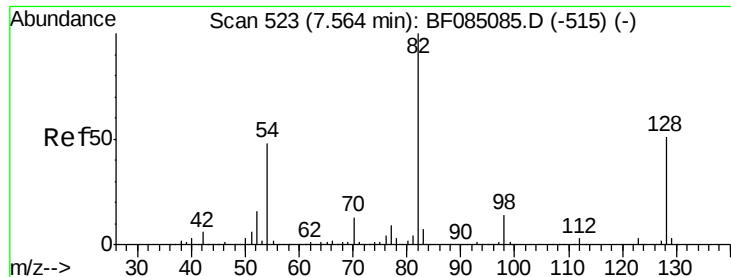
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#22
Acetophenone
Concen: 39.70 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	834092		
71	6.2		7.5	11.3#
51	28.8		23.1	34.7
120	21.9		15.9	23.9





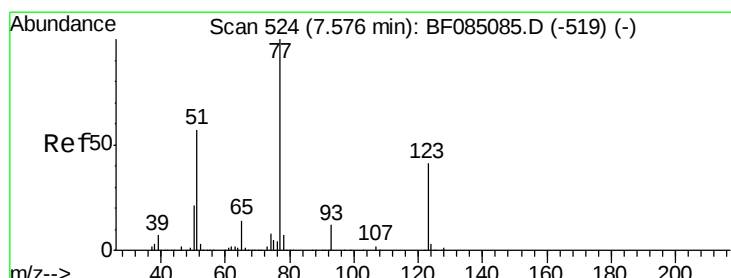
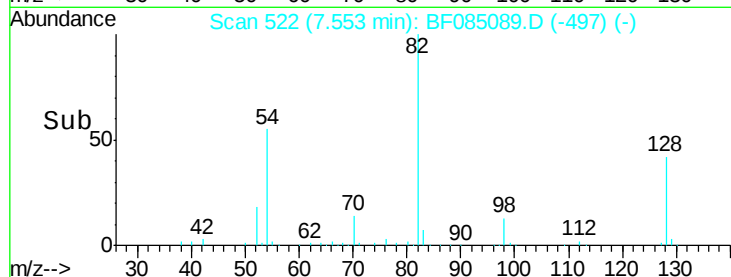
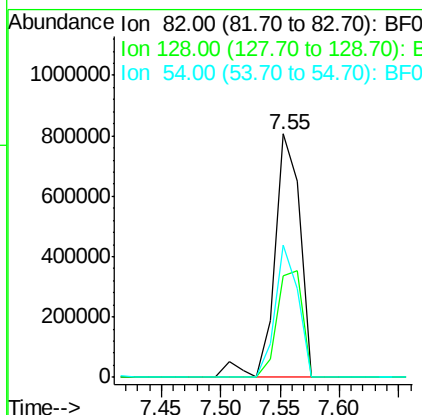
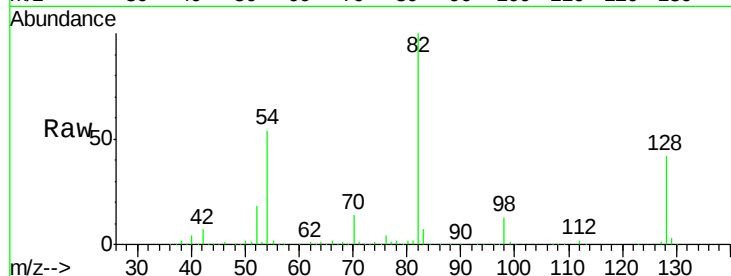
#23
Nitrobenzene-d5
Concen: 86.08 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion	82	Resp	1184211
Ion Ratio	100	Lower	Upper
128	42.0	36.8	55.2
54	54.5	44.4	66.6

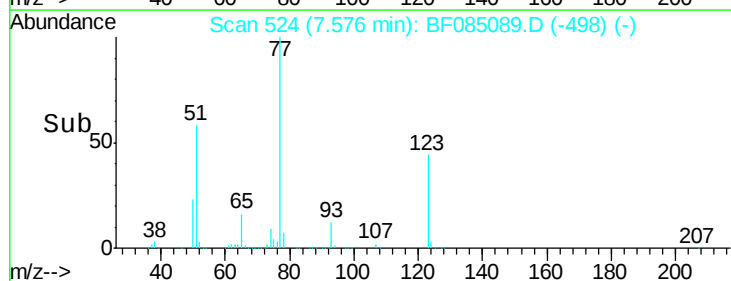
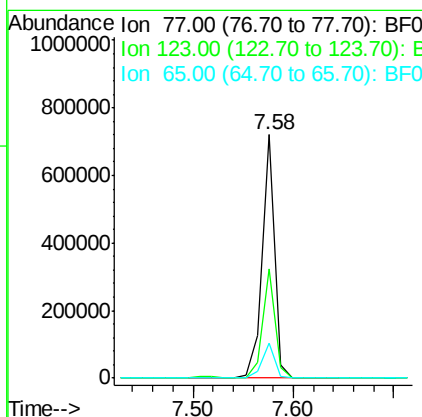
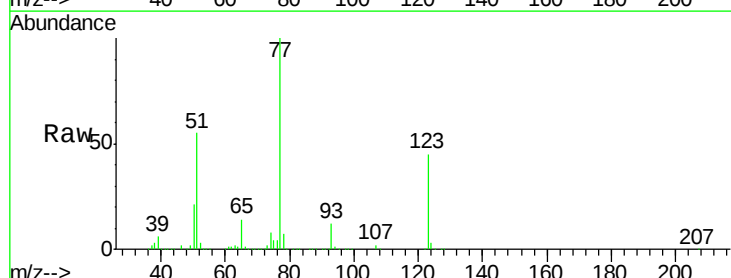
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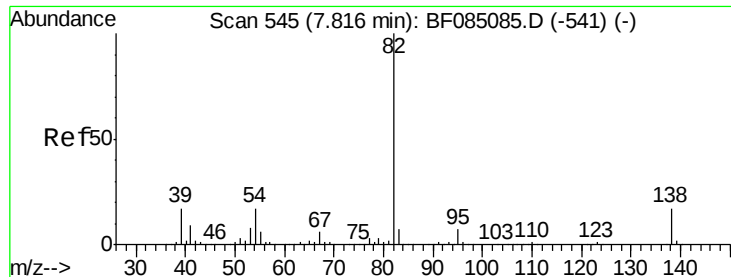
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#24
Nitrobenzene
Concen: 43.78 ng
RT: 7.58 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	77	Resp	615993
Ion Ratio	100	Lower	Upper
123	44.9	36.5	54.7
65	14.2	10.9	16.3





#25

Isophorone

Concen: 38.77 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

ICVBF021716

Tot Ion: 82 Resp: 1114687

Ion Ratio Lower Upper

82 100

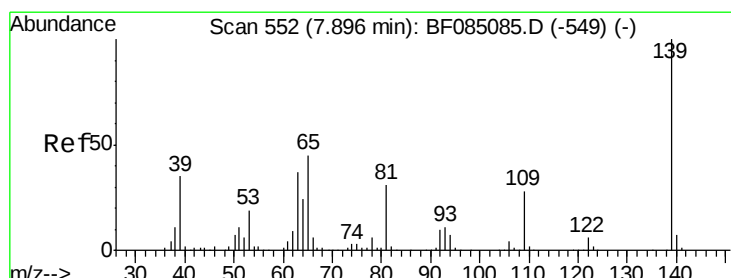
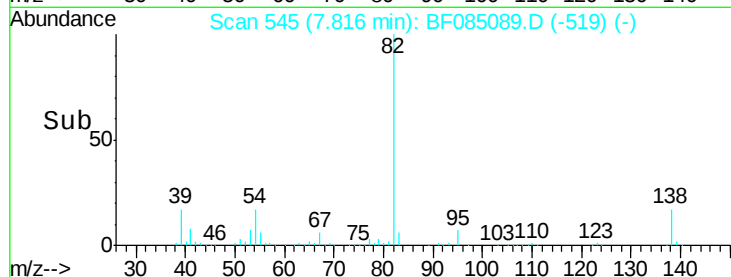
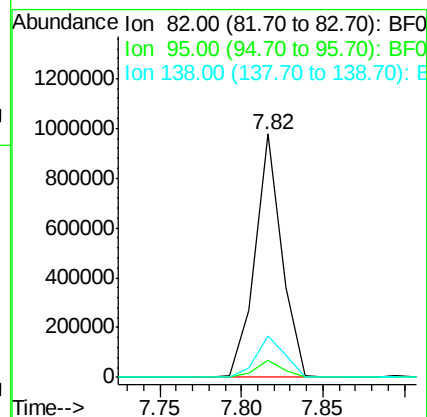
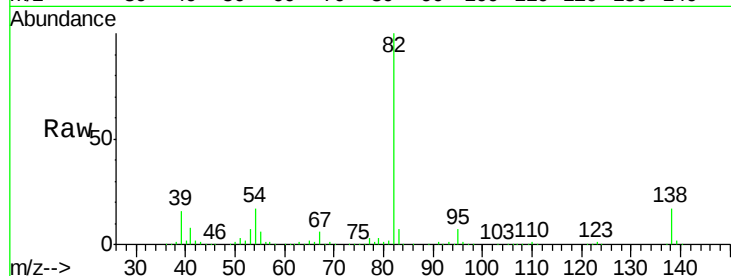
95 7.0 6.1 9.1

138 16.8 13.1 19.7

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#26

2-Nitrophenol

Concen: 46.36 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

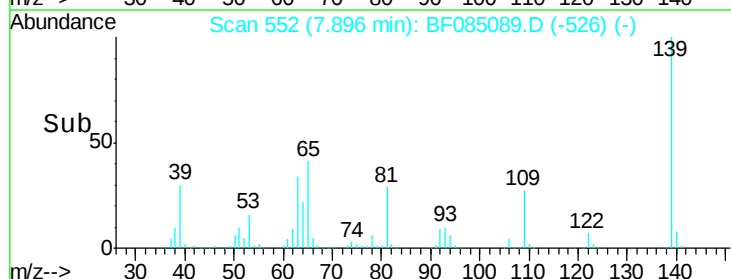
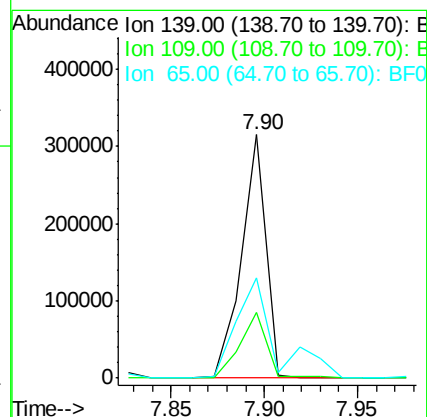
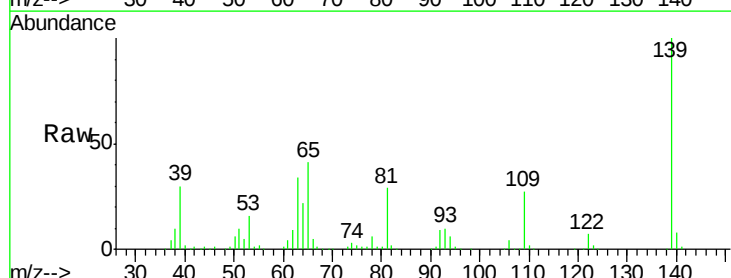
Tgt Ion: 139 Resp: 289493

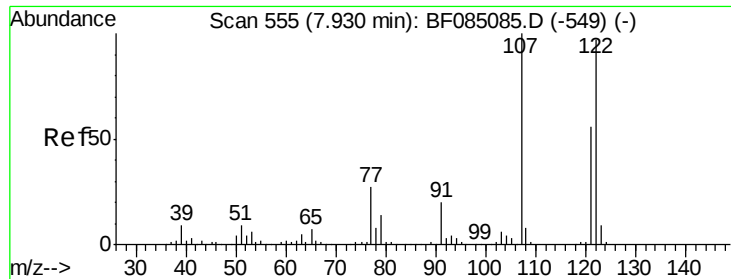
Ion Ratio Lower Upper

139 100

109 26.8 23.4 35.2

65 41.3 42.3 63.5#





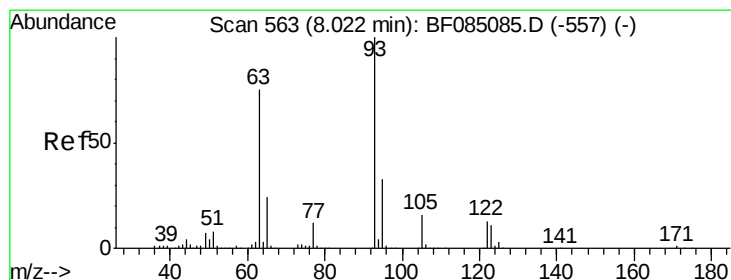
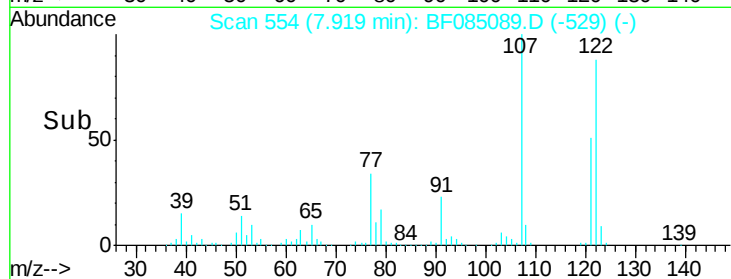
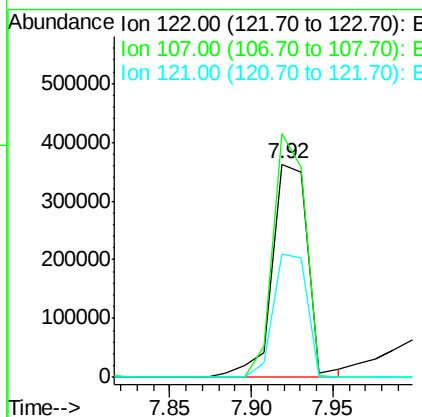
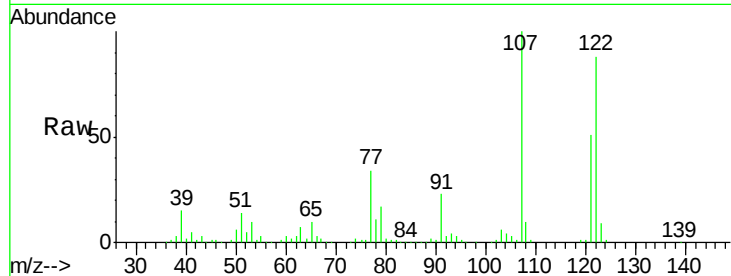
#27
2,4-Dimethylphenol
Concen: 40.26 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion	Ratio	Resp	Lower	Upper
122	100	549952		
107	114.2	91.8	137.8	
121	57.9	45.0	67.4	

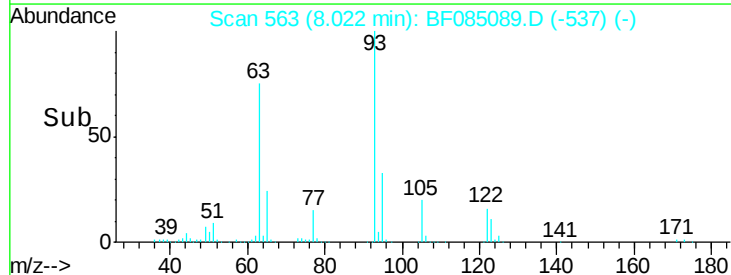
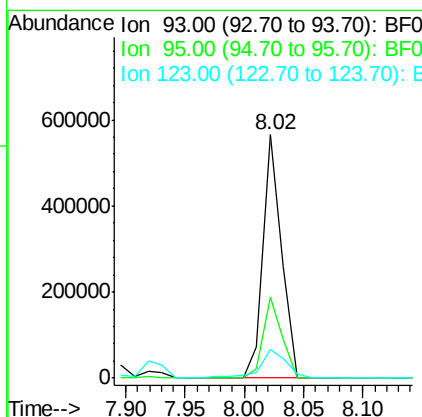
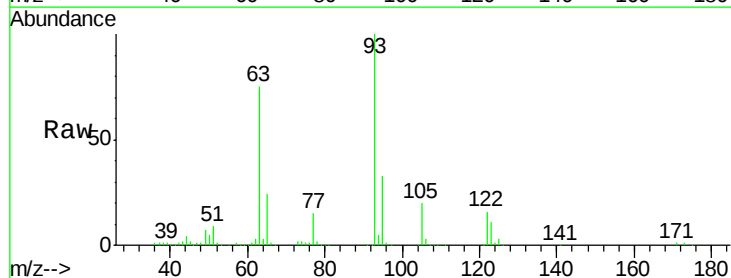
Manual Integrations
APPROVED

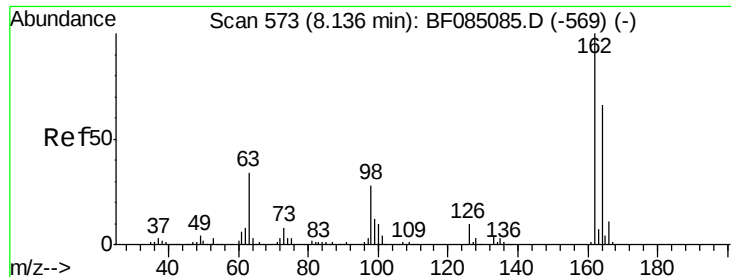
Sohil
2/19/2016 7:57:12 AM



#28
bis(2-Chloroethoxy)methane
Concen: 36.22 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	617559		
95	33.5	25.6	38.4	
123	11.5	8.7	13.1	





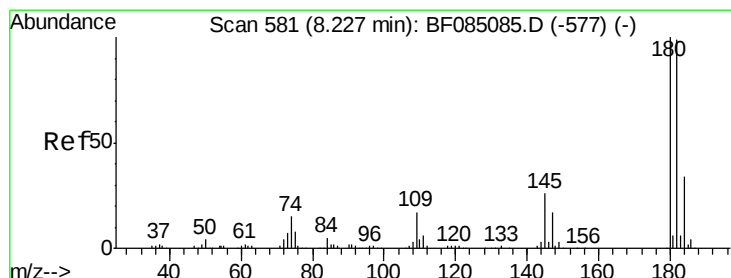
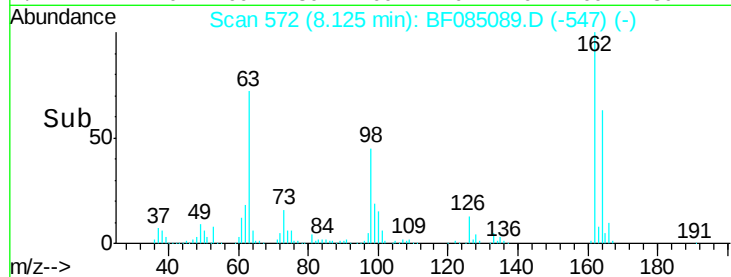
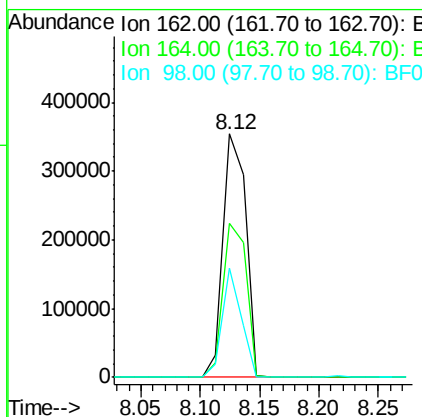
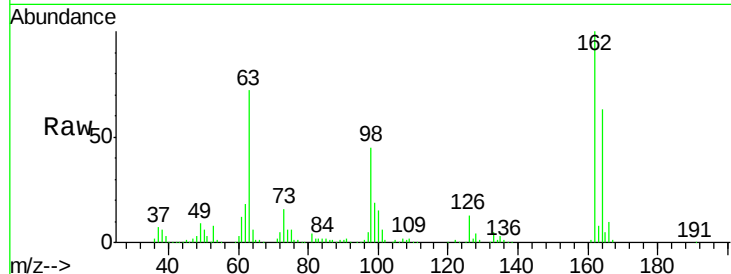
#29
2,4-Dichlorophenol
Concen: 39.99 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion	Ratio	Resp	Lower	Upper
162	100	470704		
164	63.0	42.8	82.8	
98	44.9	17.6	57.6	

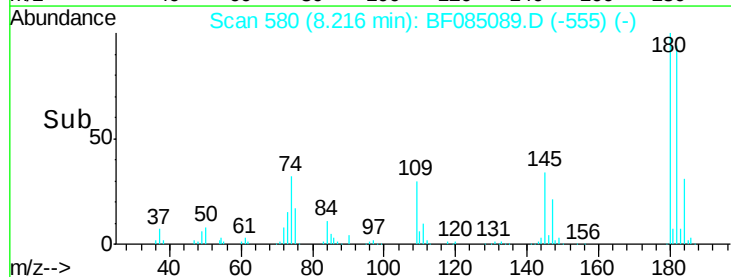
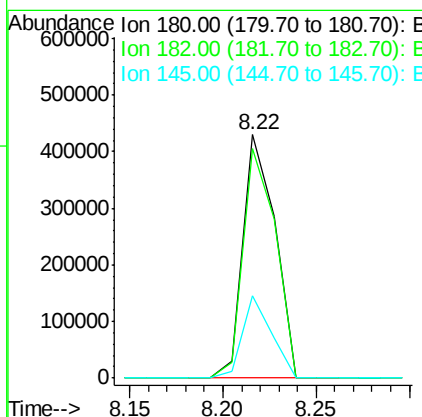
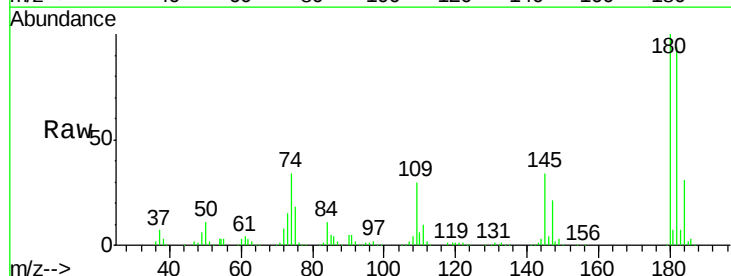
Manual Integrations
APPROVED

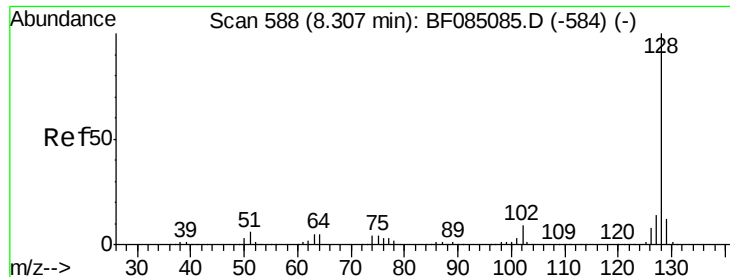
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 38.13 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	511543		
182	94.1	75.8	113.8	
145	33.9	25.9	38.9	





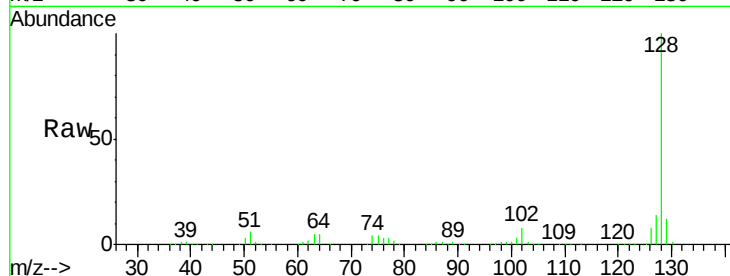
#31
Naphthalene
Concen: 40.83 ng
RT: 8.31 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

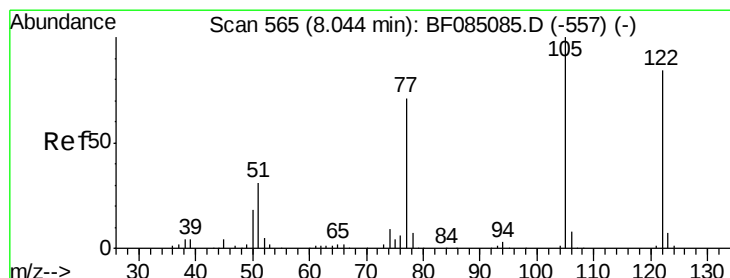
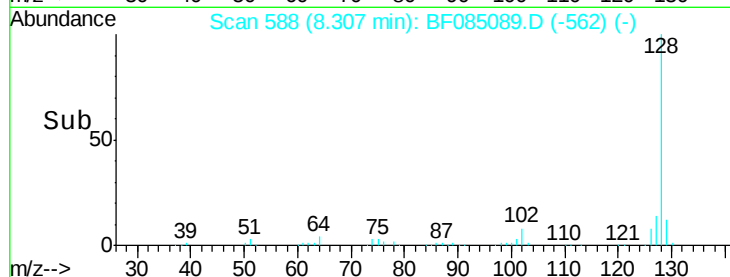
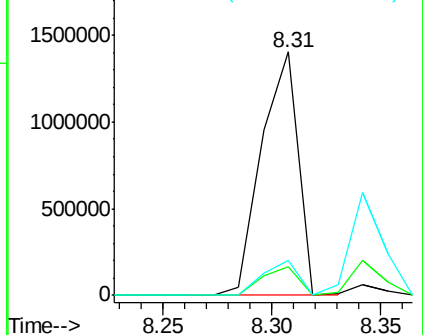
Tot Ion:128 Resp: 1654886
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 14.2 10.3 15.5

Manual Integrations
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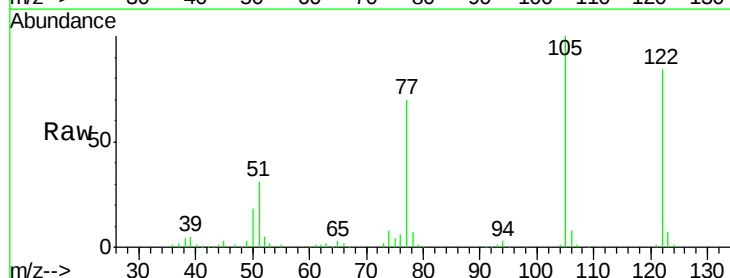


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

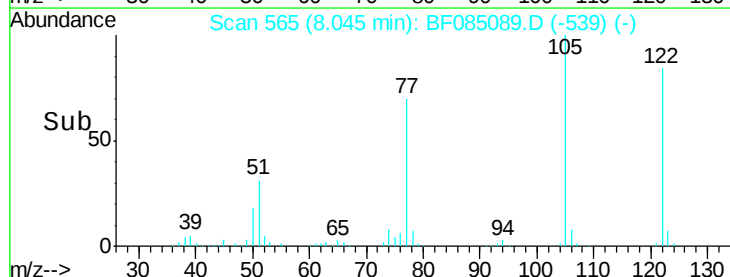
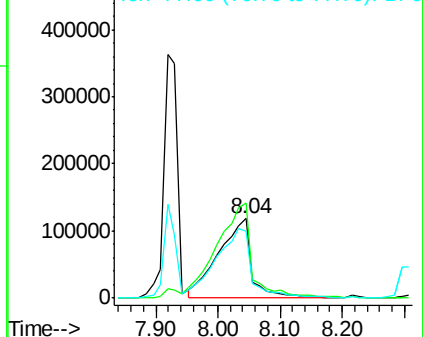


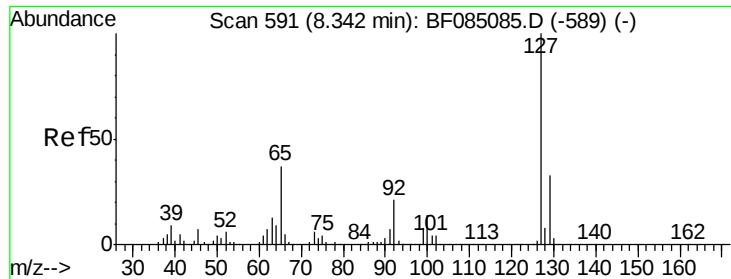
#32
Benzoic acid
Concen: 42.79 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion:122 Resp: 429544
Ion Ratio Lower Upper
122 100
105 119.8 101.3 141.3
77 84.3 70.0 110.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





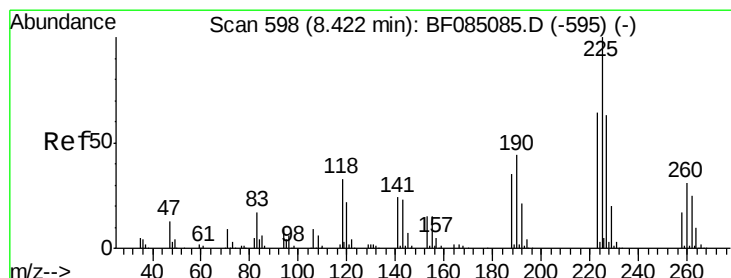
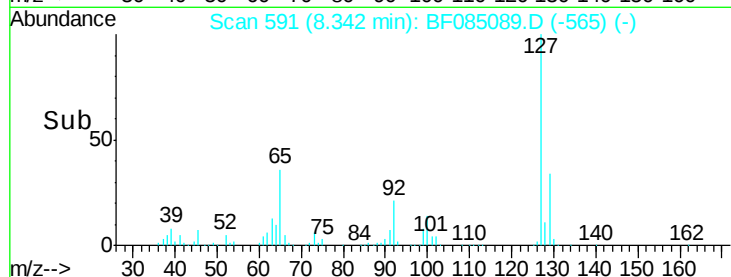
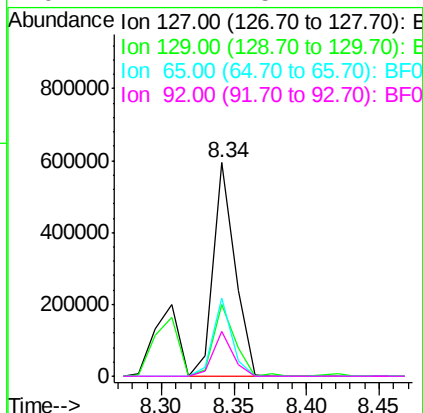
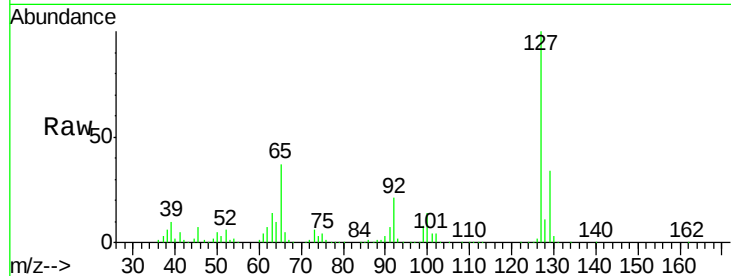
#33
4-Chloroaniline
Concen: 35.29 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		613849		
129	33.6	26.6	39.8		
65	36.8	24.7	37.1		
92	21.2	15.1	22.7		

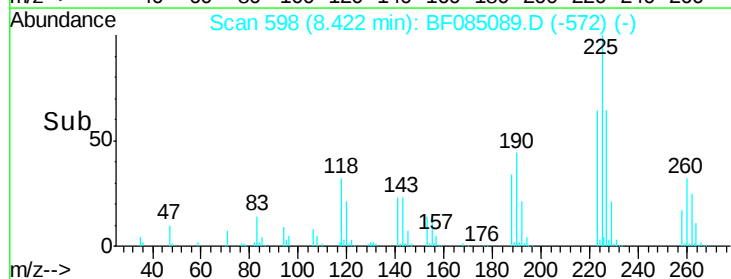
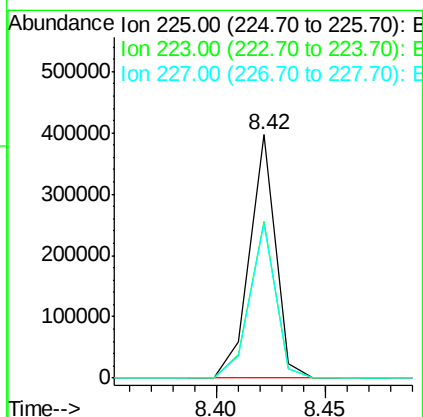
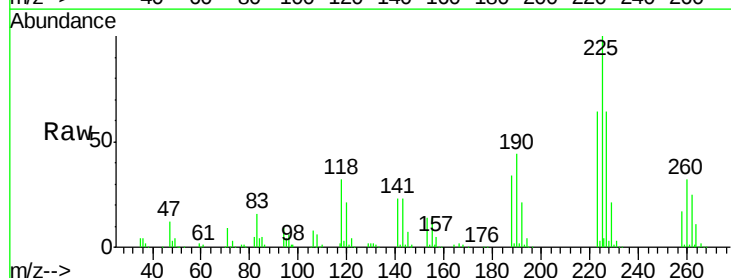
Manual Integrations
APPROVED

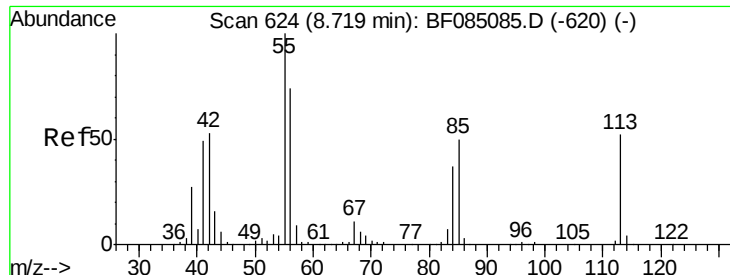
Sohil
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#34
Hexachlorobutadiene
Concen: 40.49 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		328407		
223	64.1	48.6	73.0		
227	63.9	48.9	73.3		





#35

Caprolactam

Concen: 42.55 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

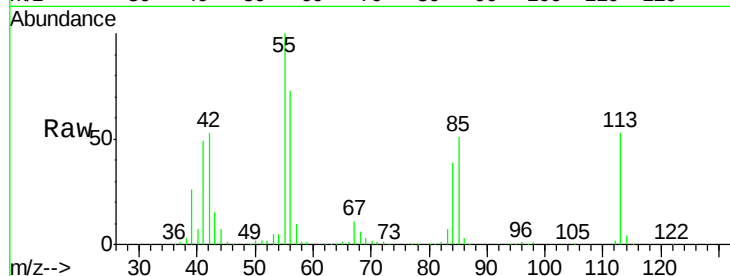
ClientSampleId :

ICVBF021716

Tot Ion:	113	Resp:	149719
Ion Ratio	Lower	Upper	
113	100		
55	189.7	173.1	213.1
56	139.0	132.9	172.9

Manual Integrations
APPROVED

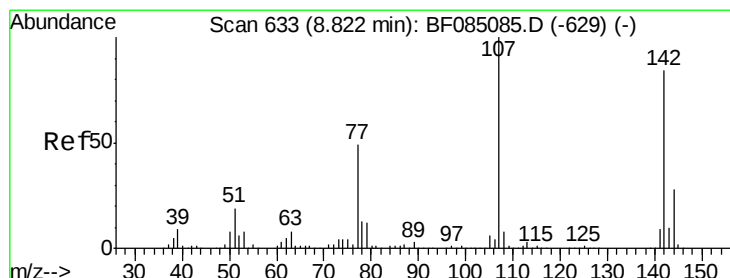
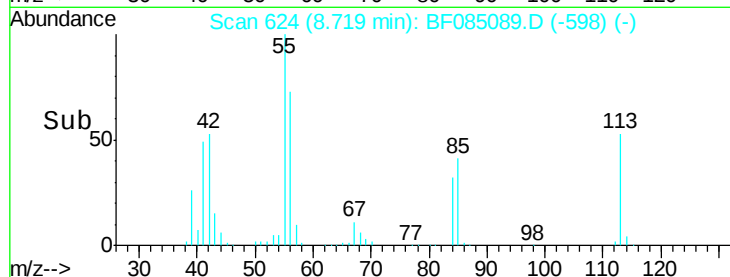
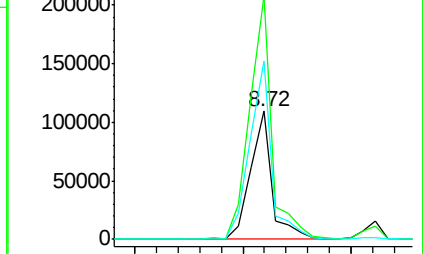
Sohil
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.75 ng

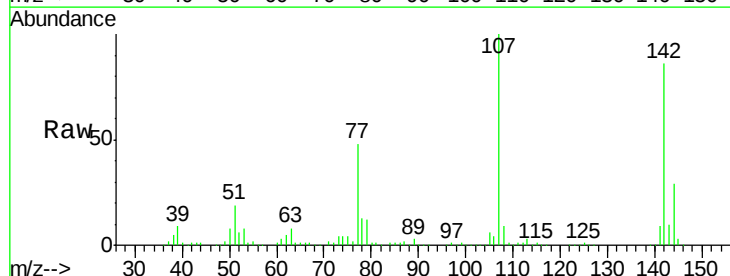
RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

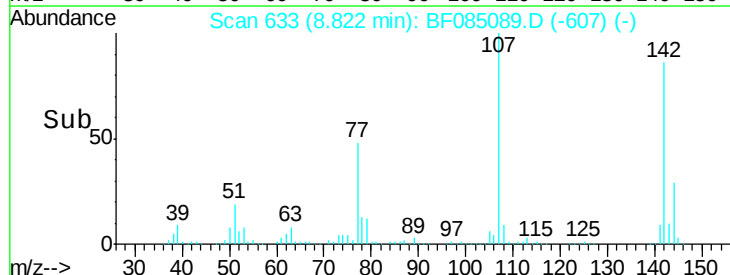
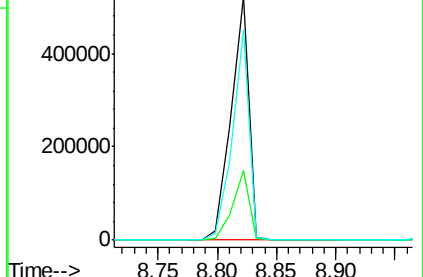
Tgt Ion:	107	Resp:	543956
Ion Ratio	Lower	Upper	
107	100		
144	28.5	19.2	28.8
142	86.4	60.6	91.0

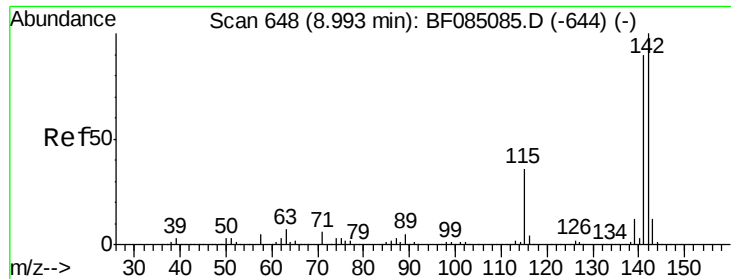


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





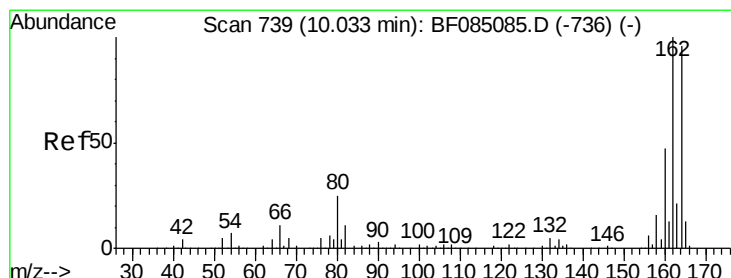
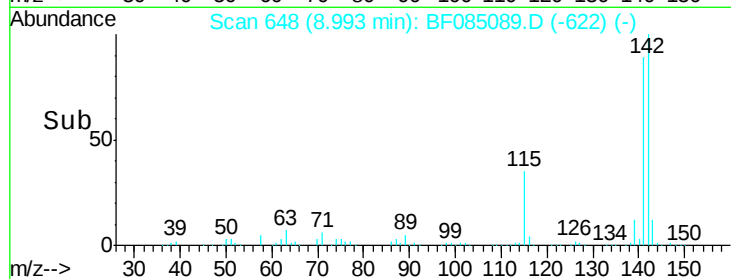
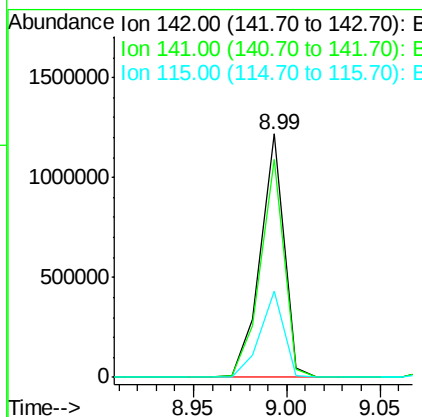
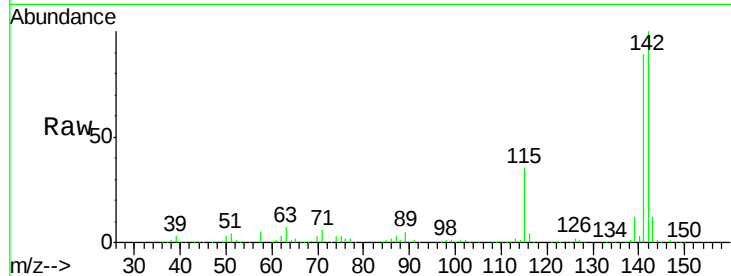
#37
2-Methylnaphthalene
Concen: 40.70 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion:142 Resp: 1072454
Ion Ratio Lower Upper
142 100
141 89.3 69.6 104.4
115 35.5 27.9 41.9

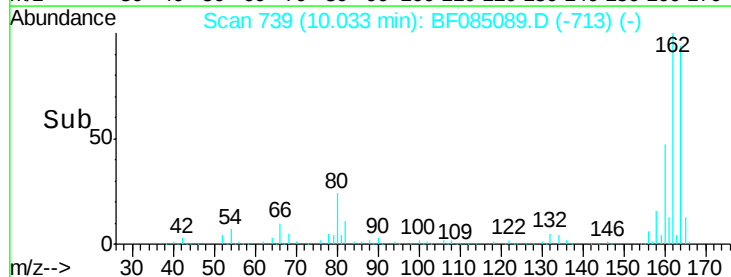
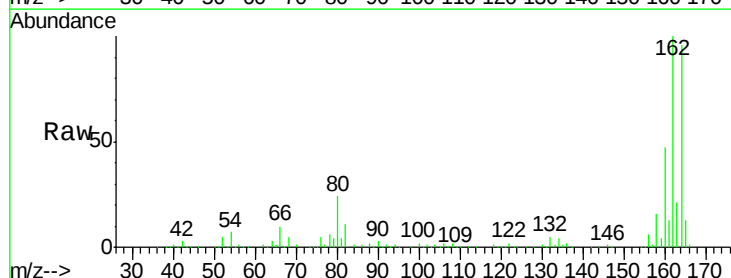
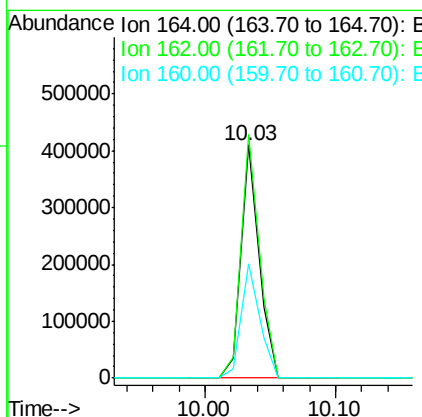
Manual Integrations
APPROVED

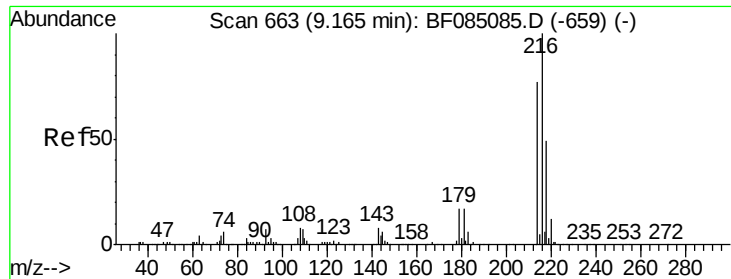
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion:164 Resp: 392347
Ion Ratio Lower Upper
164 100
162 104.4 81.1 121.7
160 48.8 37.4 56.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.07 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085089.D

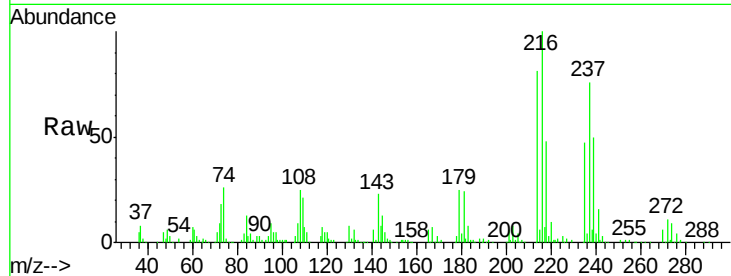
Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

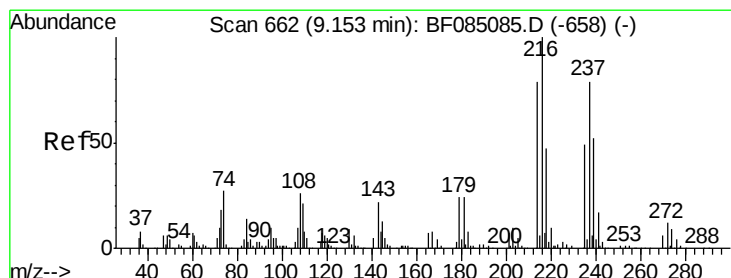
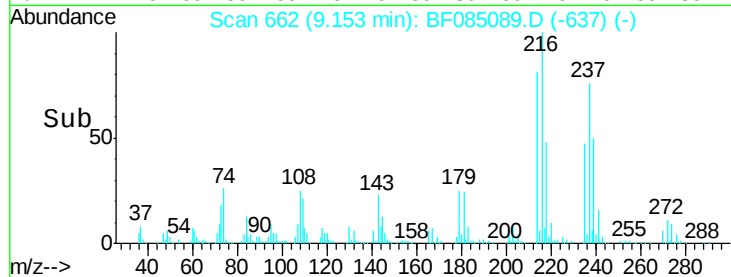
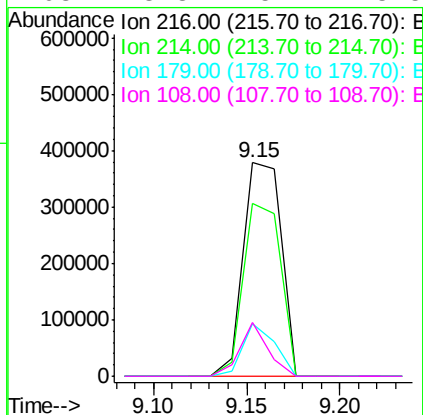
ICVBF021716



Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	62.2	93.2	
179	20.9	18.1	27.1	
108	18.8	15.7	23.5	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 44.08 ng

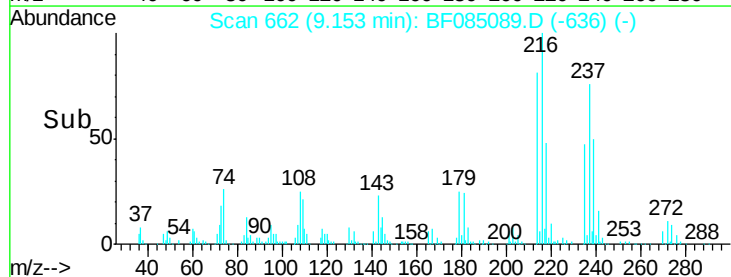
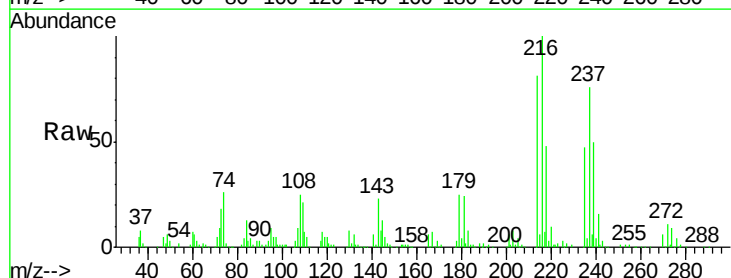
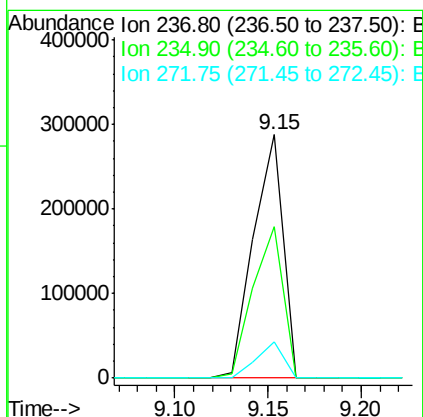
RT: 9.15 min Scan# 662

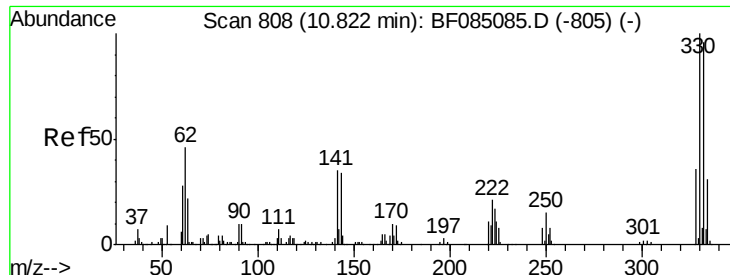
Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.4	44.8	84.8	
272	14.7	0.0	31.8	





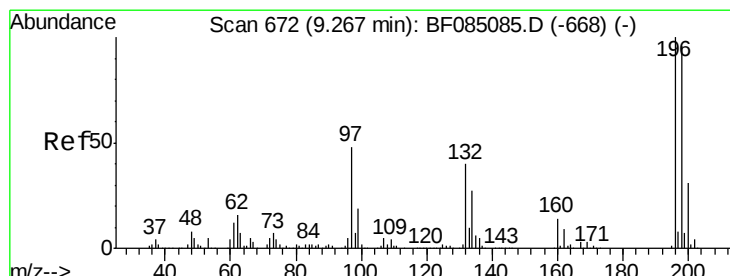
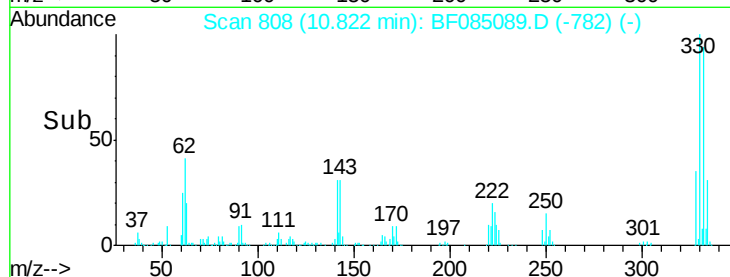
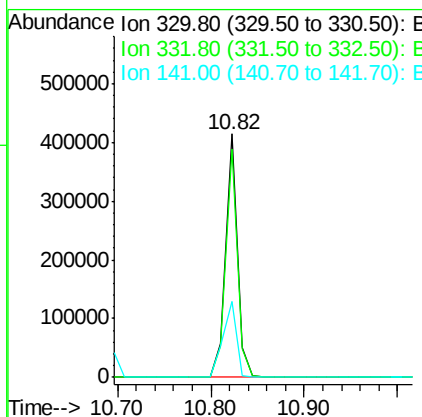
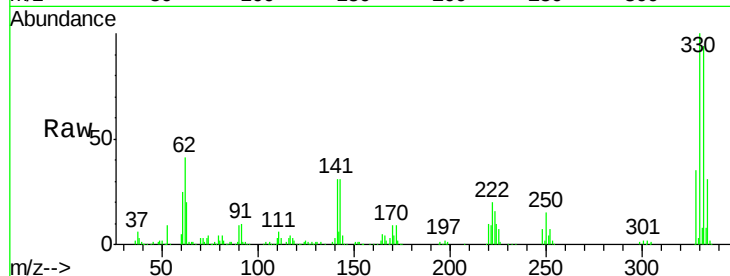
#41
 2,4,6-Tribromophenol
 Concen: 87.24 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021716

Tot Ion	Ratio	Resp	Lower	Upper
330	100	363390		
332	93.6	78.5	117.7	
141	35.8	28.6	42.8	

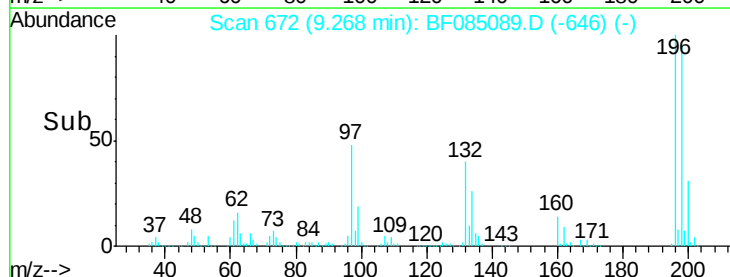
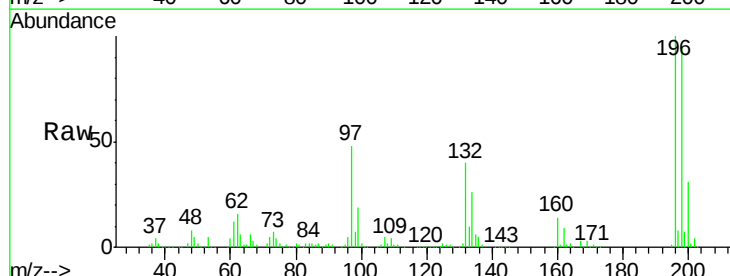
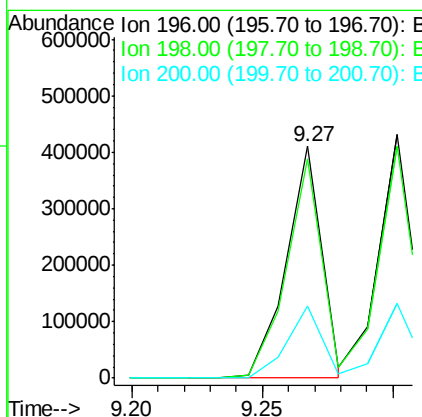
Manual Integrations
 APPROVED

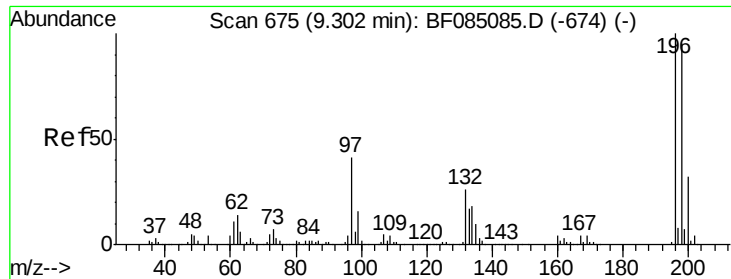
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 45.30 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	384162		
198	94.7	81.0	121.6	
200	31.3	26.3	39.5	





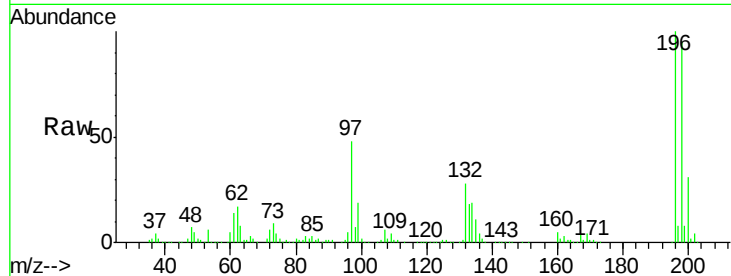
#43
 2,4,5-Trichlorophenol
 Concen: 45.79 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021716

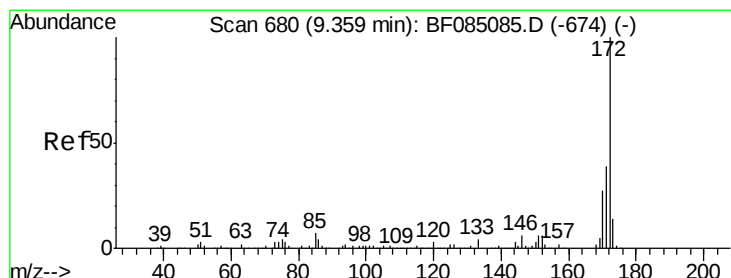
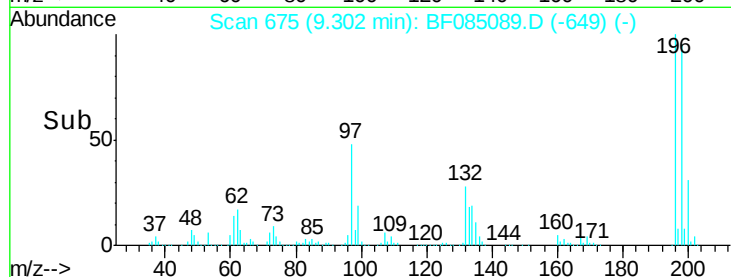
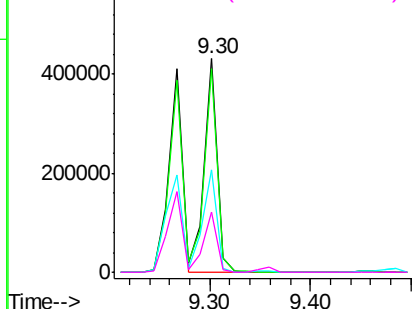
Tot Ion:	196	Resp:	382643
Ion Ratio	Lower	Upper	
196	100		
198	95.4	79.7	119.5
97	47.9	47.0	70.4
132	28.1	26.4	39.6

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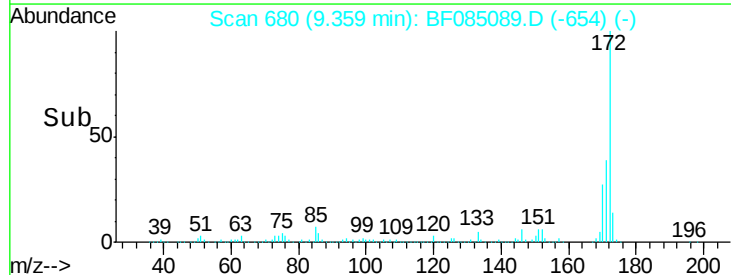
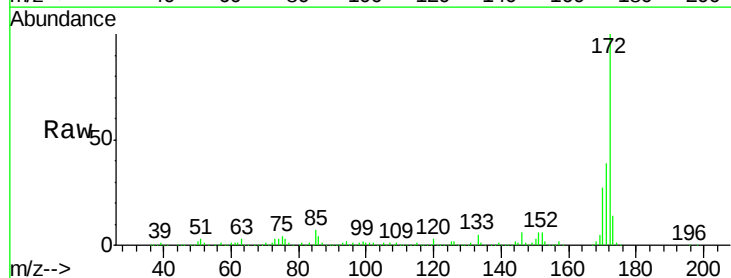
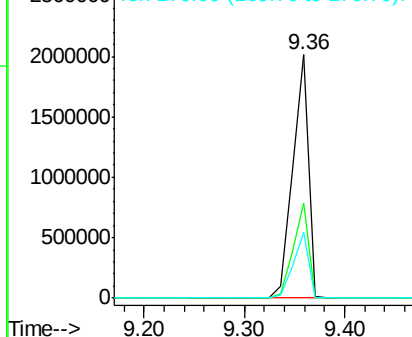
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

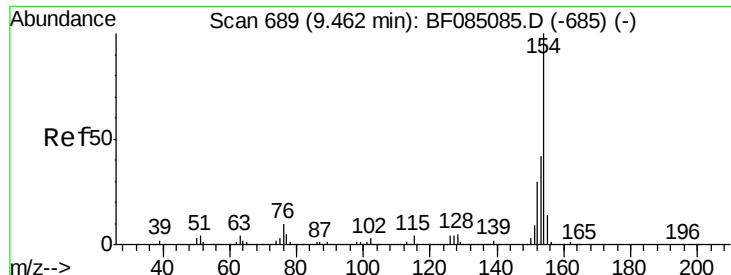


#44
 2-Fluorobiphenyl
 Concen: 81.85 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion:	172	Resp:	2173003
Ion Ratio	Lower	Upper	
172	100		
171	39.1	29.1	43.7
170	27.0	19.6	29.4

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: 41.45 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

ICVBF021716

Tot Ion:154 Resp: 1391228

Ion Ratio Lower Upper

154 100

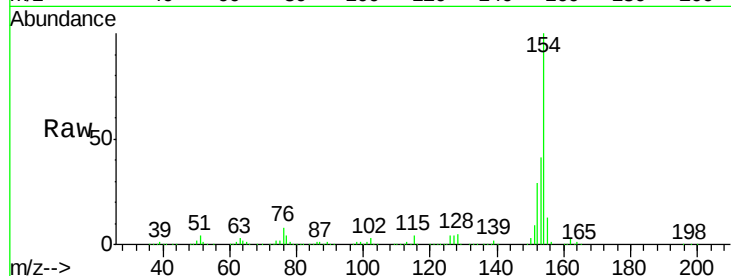
153 40.8 19.9 59.9

76 8.2 0.0 31.6

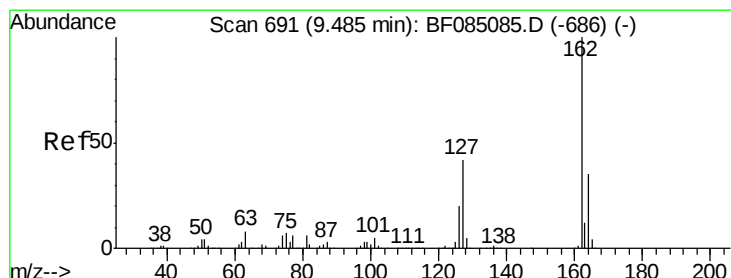
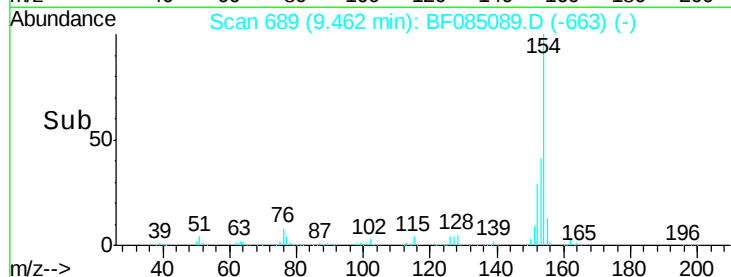
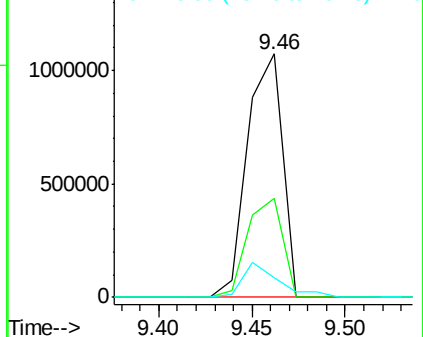
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.60 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

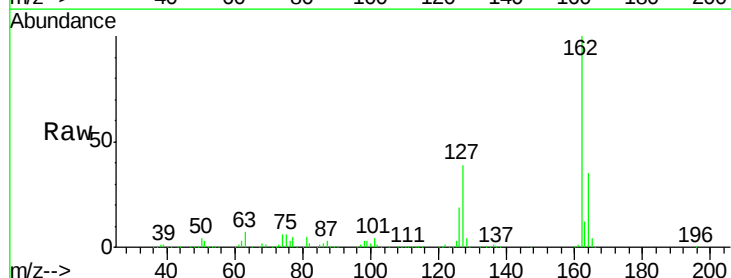
Tgt Ion:162 Resp: 1076657

Ion Ratio Lower Upper

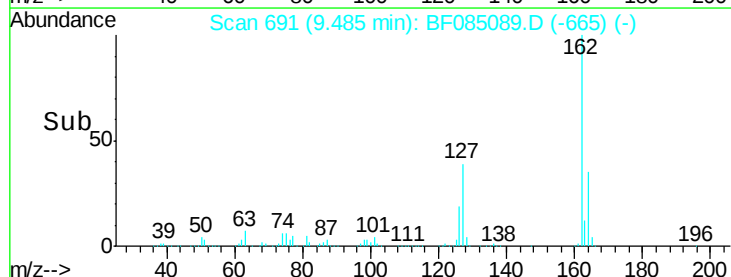
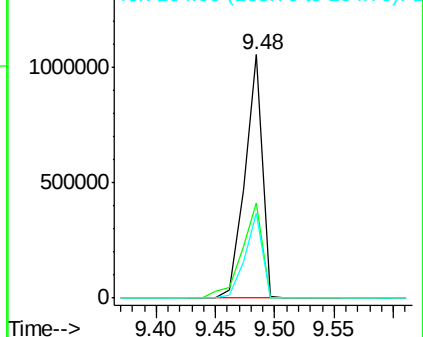
162 100

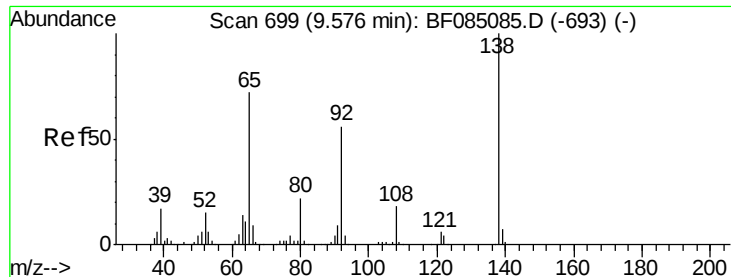
127 38.9 34.8 52.2

164 34.8 25.8 38.6



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





#47

2-Nitroaniline

Concen: 40.10 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

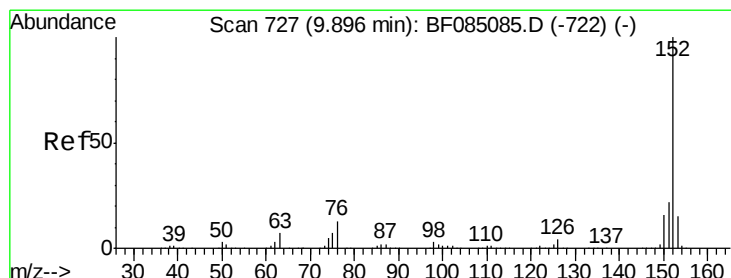
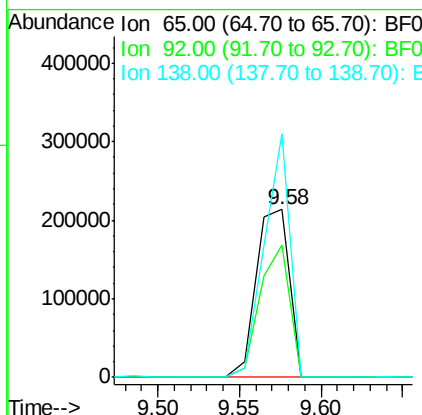
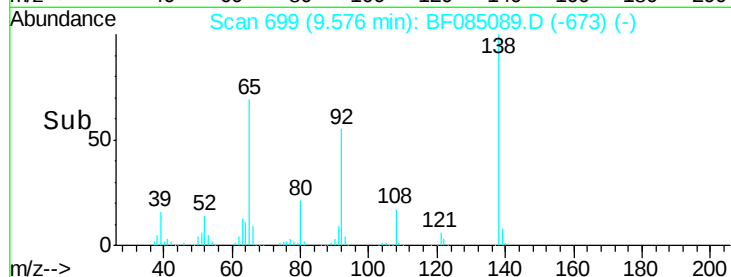
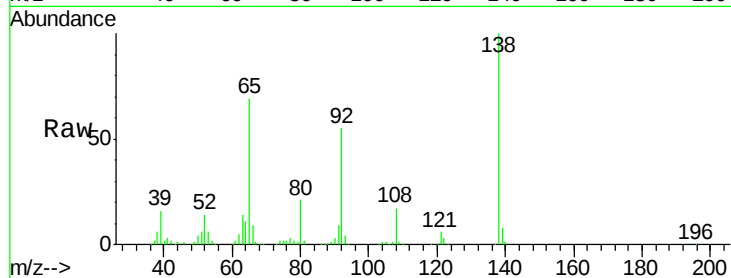
ClientSampleId :

ICVBF021716

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.3	57.1	85.7
138	145.3	86.8	130.2

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#48

Acenaphthylene

Concen: 39.47 ng

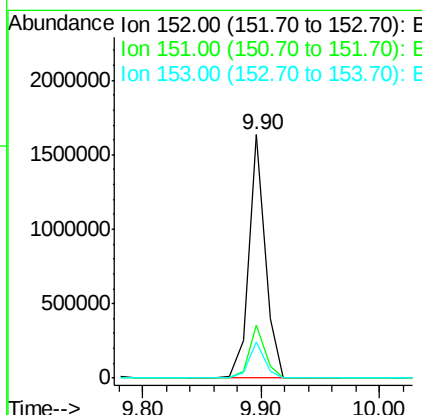
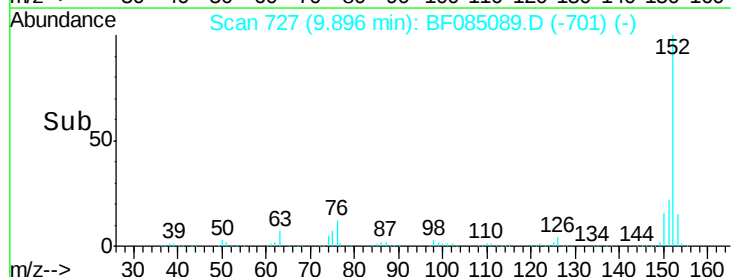
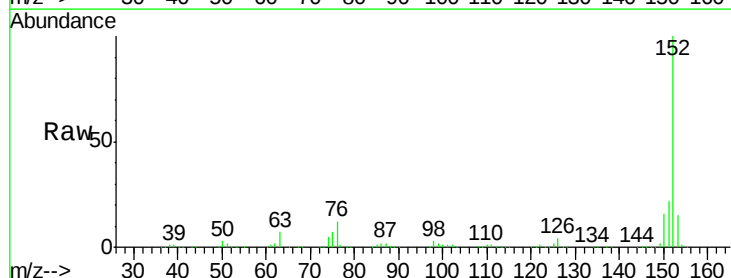
RT: 9.90 min Scan# 727

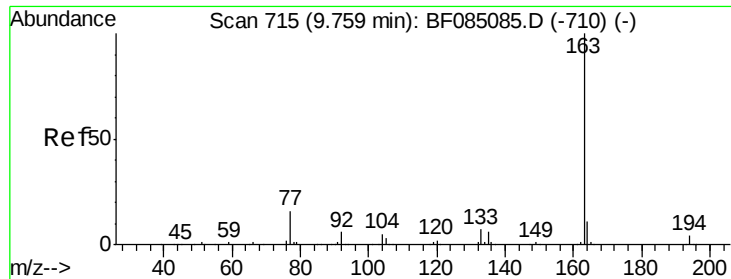
Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.0	24.0
153	14.8	11.1	16.7





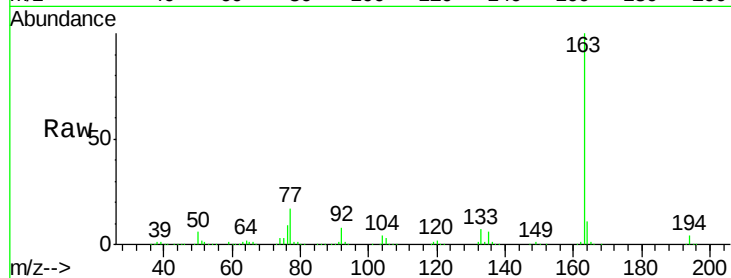
#49
Dimethylphthalate
Concen: 44.82 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

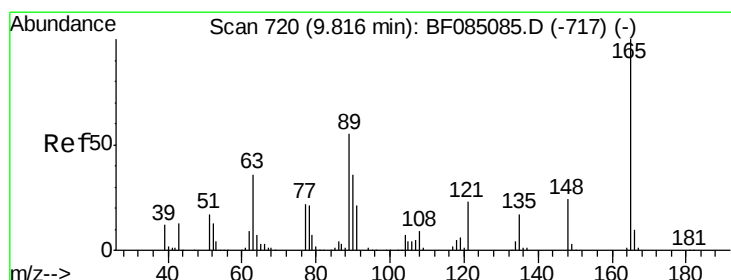
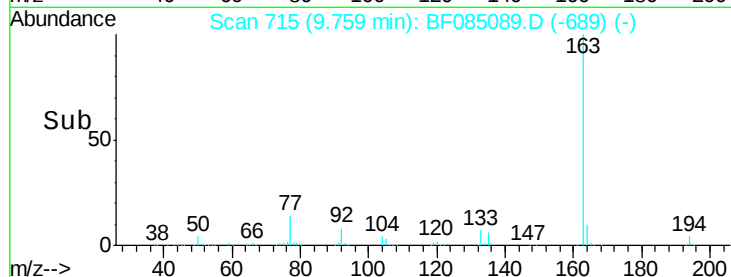
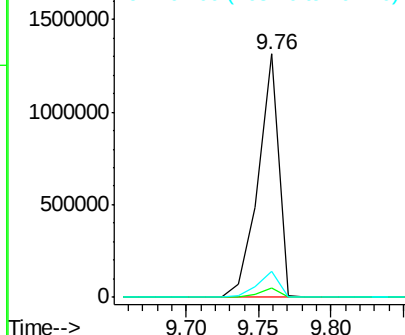
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.5	3.7#
164	10.8	7.8	11.8

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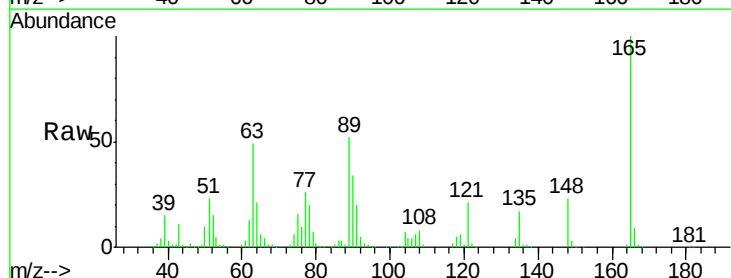


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

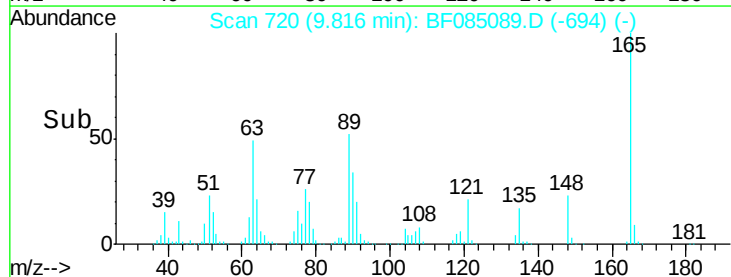
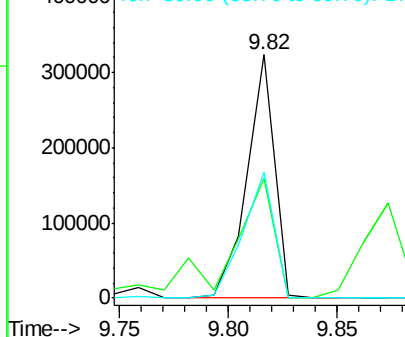


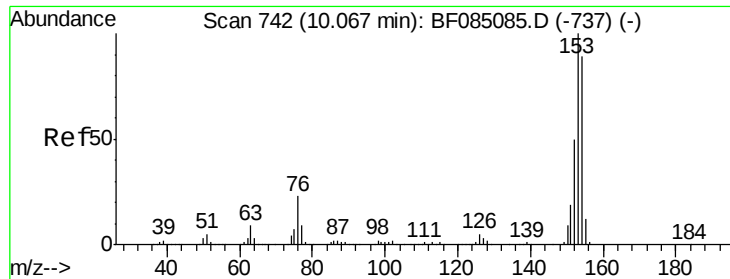
#50
2,6-Dinitrotoluene
Concen: 46.96 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.0	47.5	71.3
89	51.8	42.9	64.3



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: 39.78 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

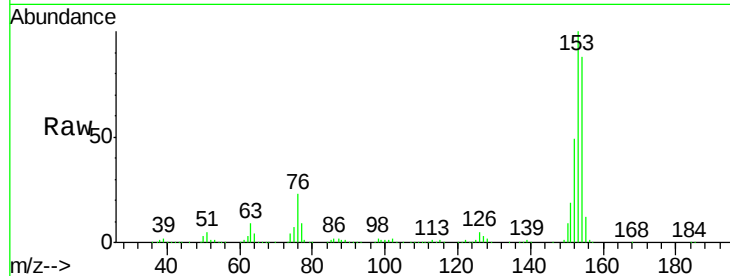
ClientSampleId :

ICVBF021716

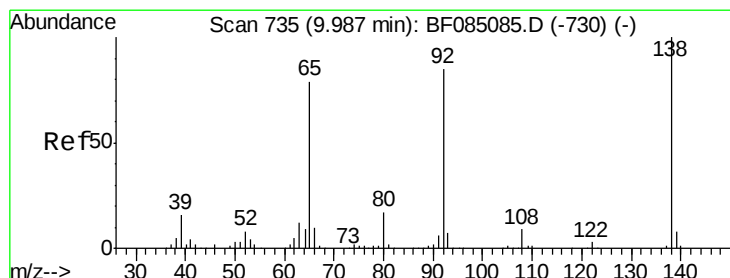
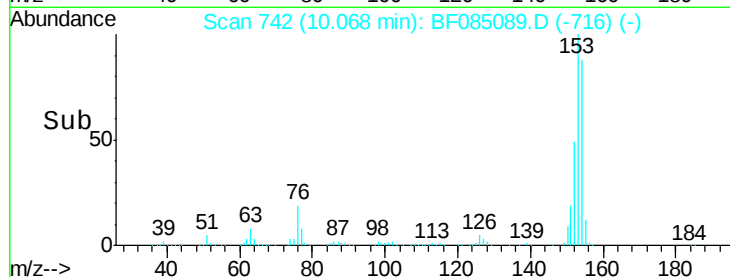
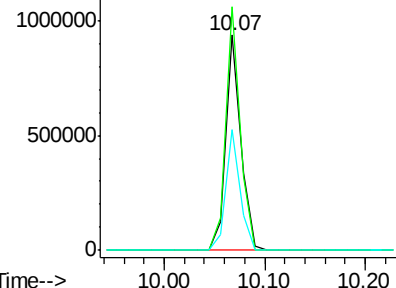
Tot Ion:	154	Resp:	978803
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.5	134.3
152	55.8	40.7	61.1

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



#52

3-Nitroaniline

Concen: 43.05 ng

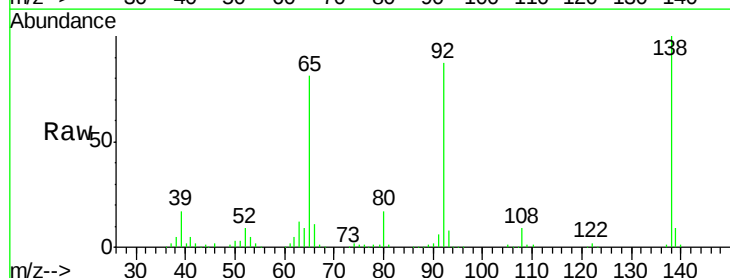
RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

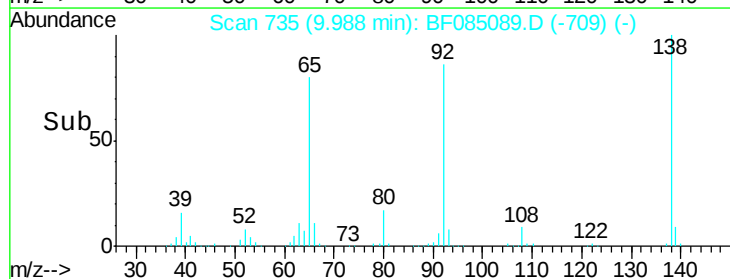
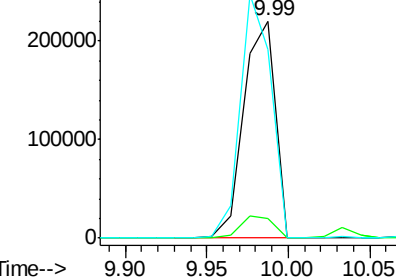
Lab File: BF085089.D

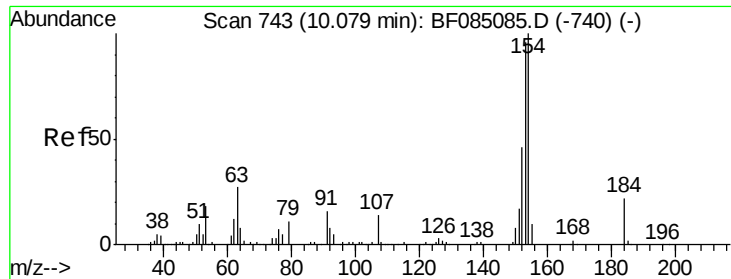
Acq: 17 Feb 2016 16:32

Tgt Ion:	138	Resp:	295731
Ion Ratio	Lower	Upper	
138	100		
108	9.1	9.1	13.7
92	87.0	88.9	133.3#



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





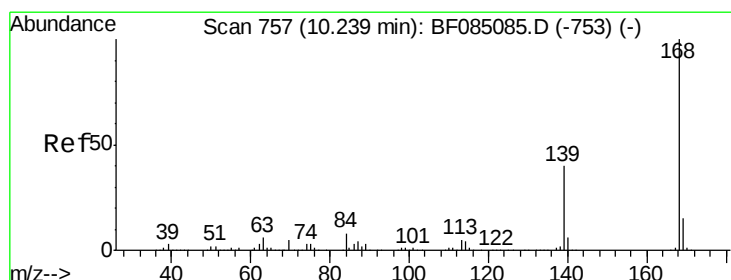
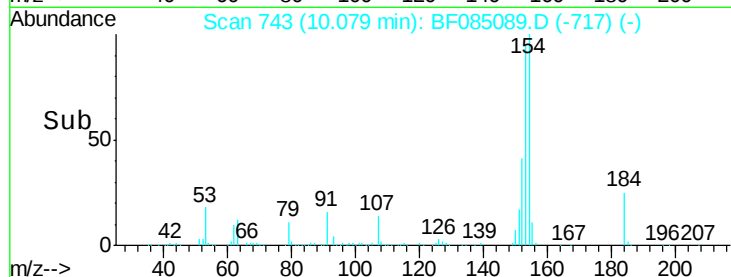
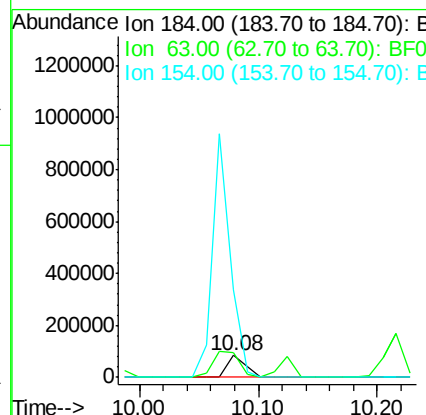
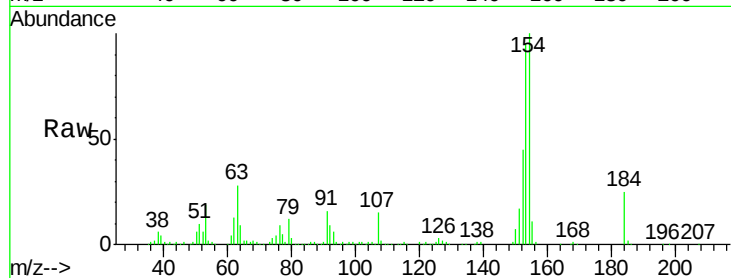
#53
2,4-Dinitrophenol
Concen: 44.11 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	112.6	60.6	90.8#	
154	405.0	70.2	105.2#	

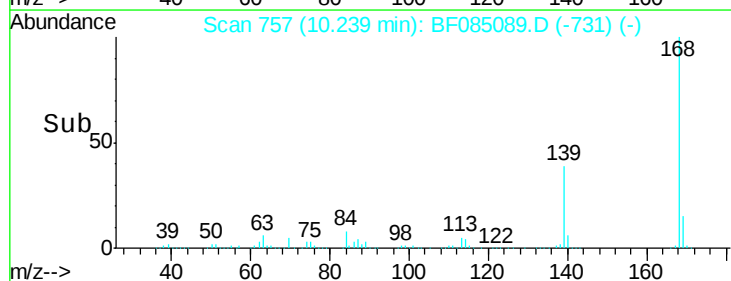
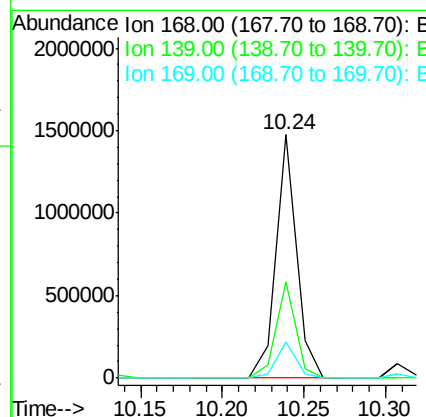
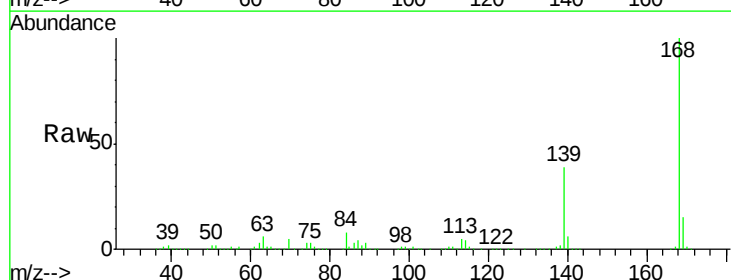
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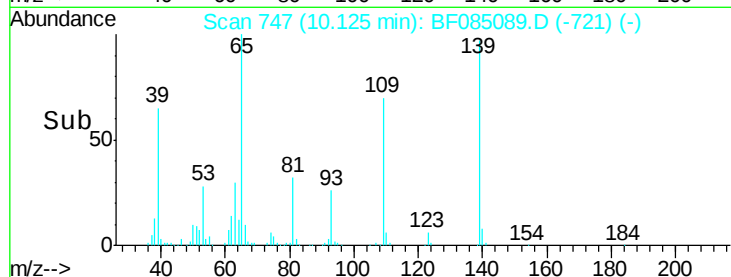
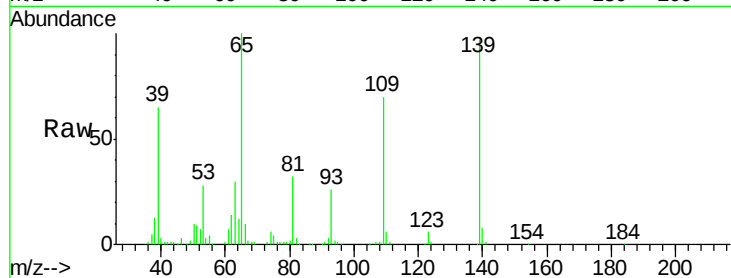
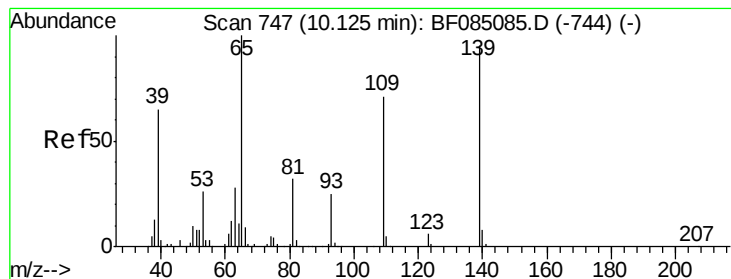
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#54
Dibenzofuran
Concen: 39.78 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.5	33.0	49.4	
169	14.8	10.9	16.3	





#55

4-Nitrophenol

Concen: 41.85 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tot Ion:	139	Resp:	227800
Ion Ratio	Lower	Upper	
139	100		
109	72.4	48.7	88.7
65	103.5	78.8	118.8

Instrument :

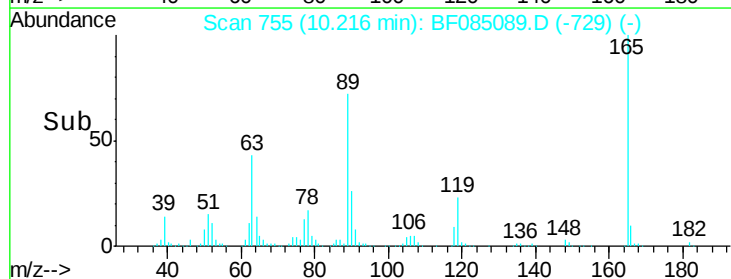
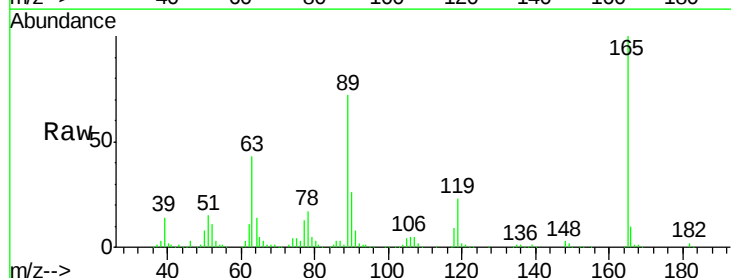
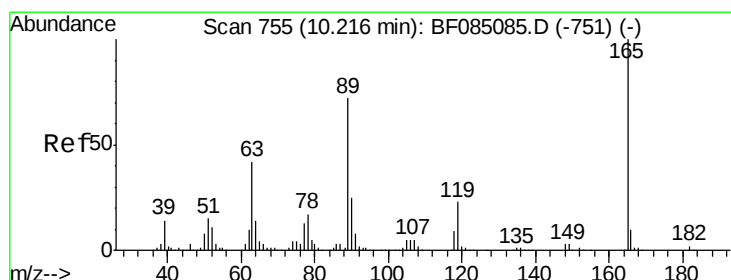
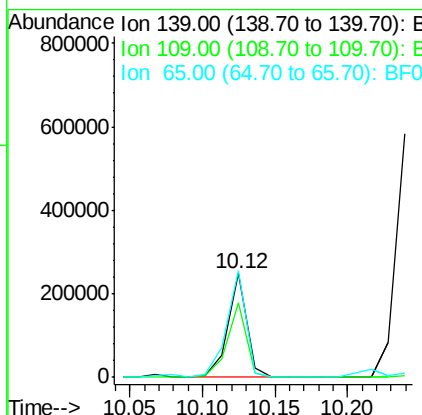
BNA_F

ClientSampleId :

ICVBF021716

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#56

2,4-Dinitrotoluene

Concen: 47.70 ng

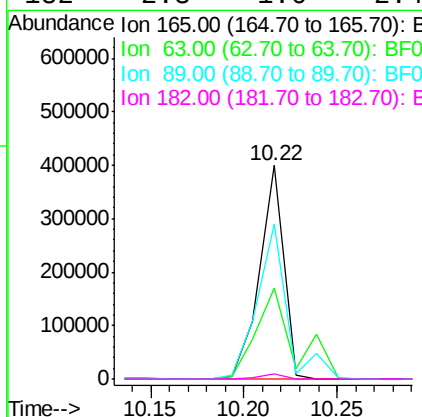
RT: 10.22 min Scan# 755

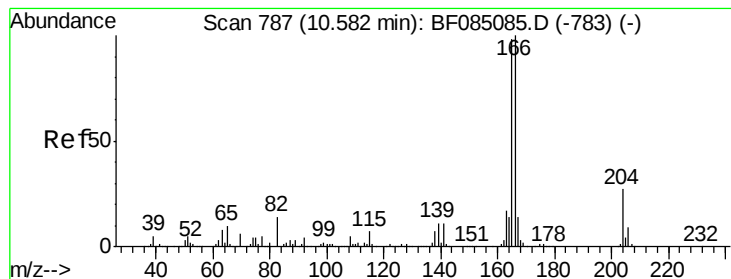
Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion:	165	Resp:	356464
Ion Ratio	Lower	Upper	
165	100		
63	42.7	36.6	55.0
89	72.4	54.4	81.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 38.21 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

ICVBF021716

Tot Ion:166 Resp: 1034869

Ion Ratio Lower Upper

166 100

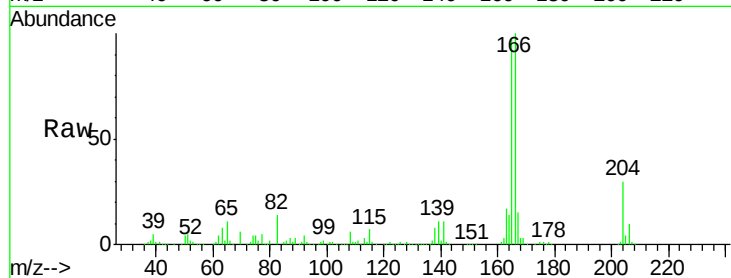
165 97.0 78.9 118.3

167 14.6 10.9 16.3

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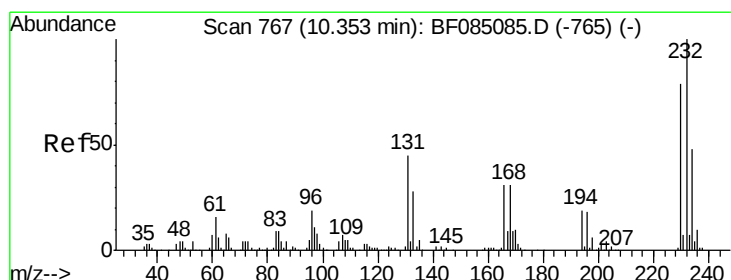
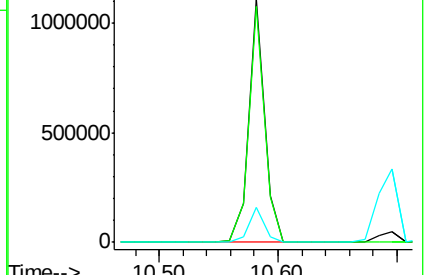
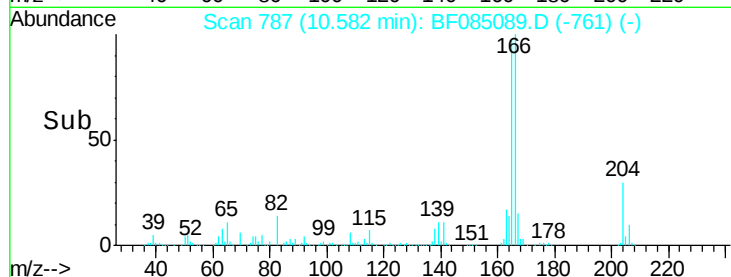
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.01 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion:232 Resp: 313781

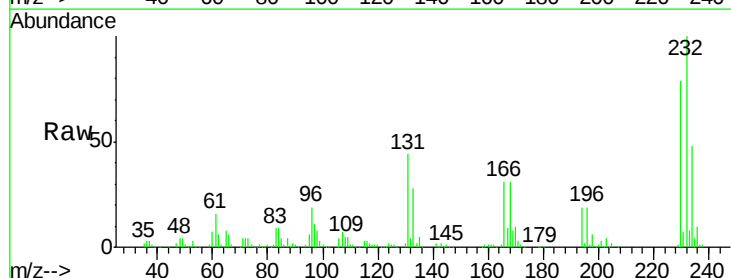
Ion Ratio Lower Upper

232 100

131 45.0 39.7 59.5

130 2.1 1.8 2.8

166 30.7 24.2 36.2

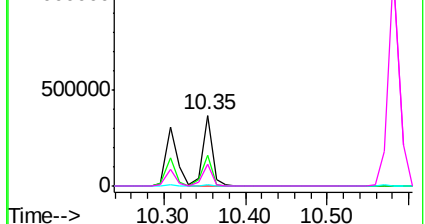
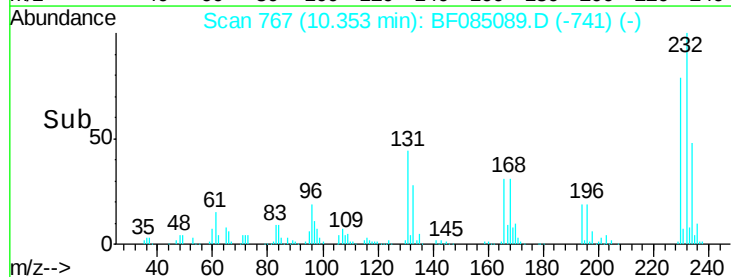


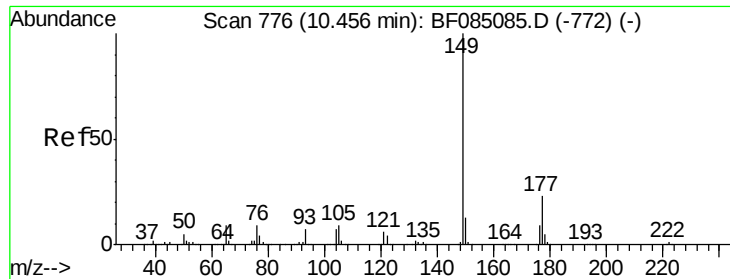
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





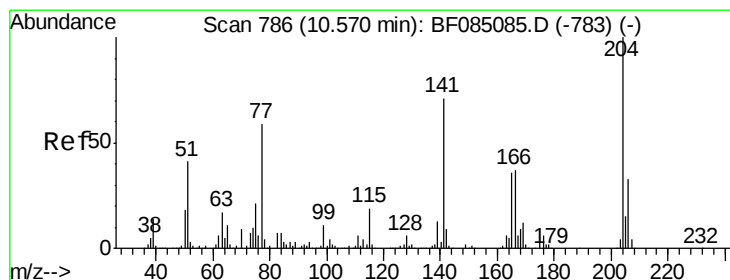
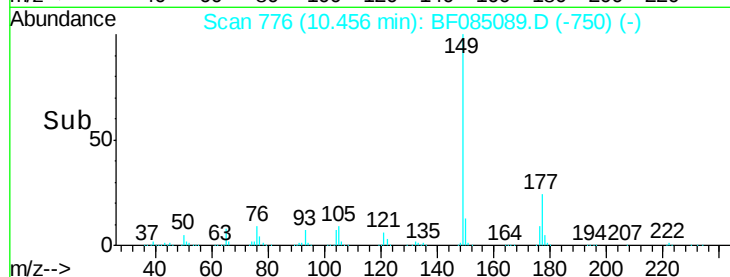
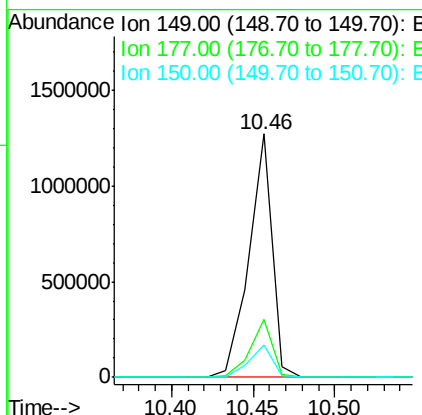
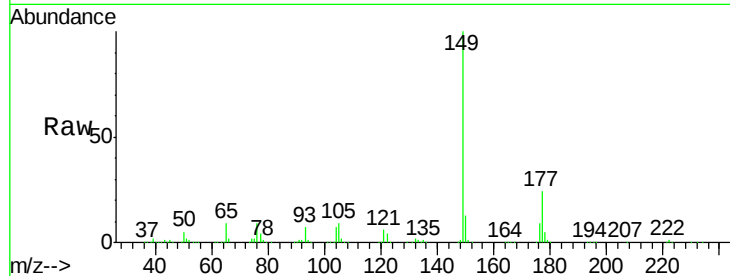
#59
Diethylphthalate
Concen: 41.93 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	16.4	24.6
150	13.2	10.2	15.4

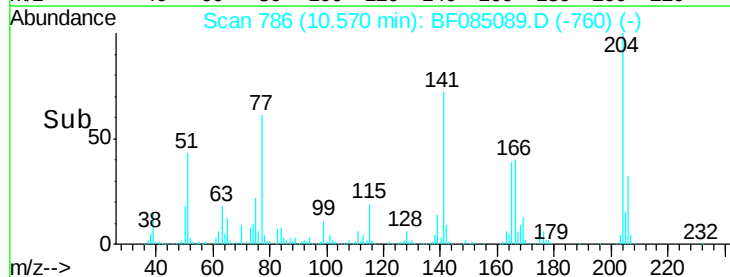
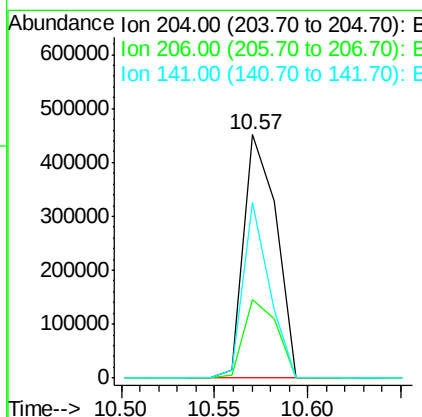
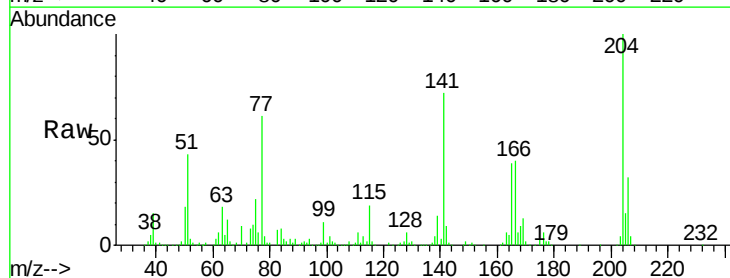
Manual Integrations
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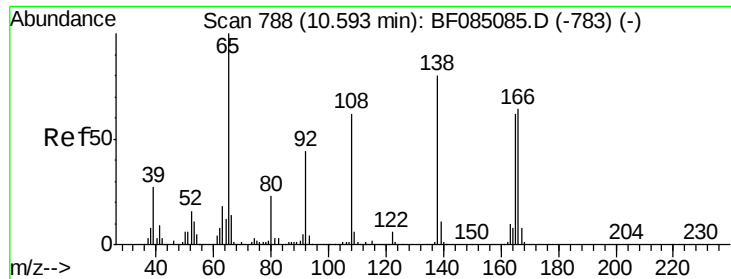
Sohil
2/19/2016 7:57:12 AM



#60
4-Chlorophenyl-phenylether
Concen: 38.94 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.6
141	72.3	50.5	75.7





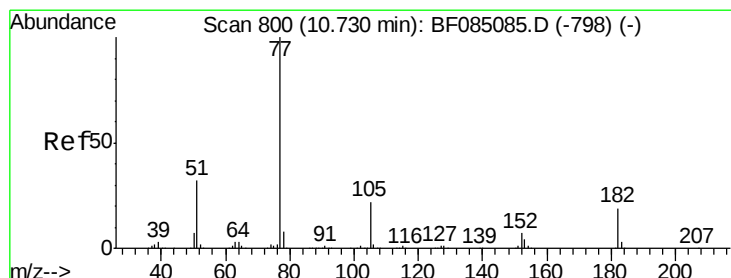
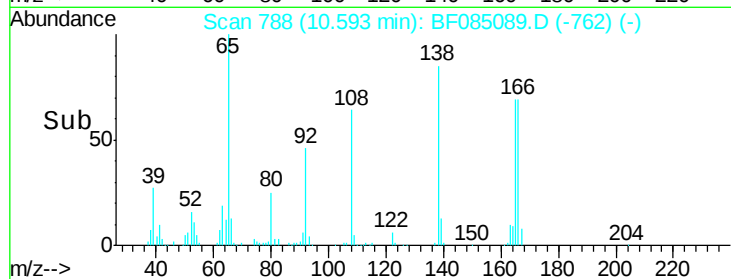
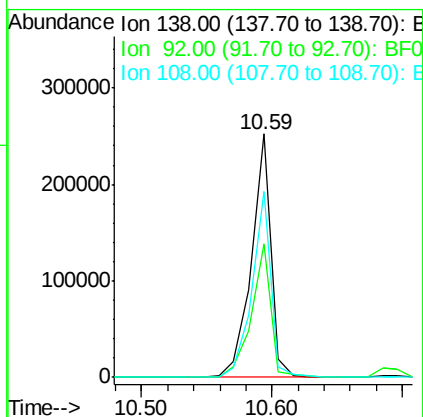
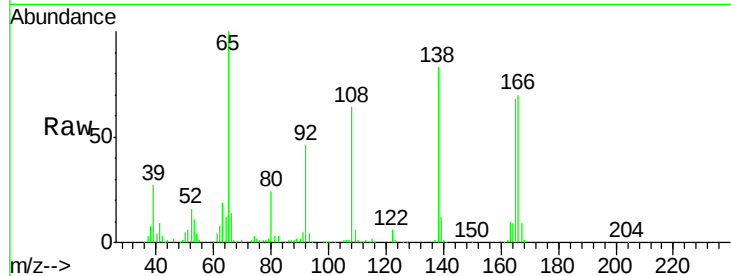
#61
4-Nitroaniline
Concen: 40.72 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion	Ratio	Resp	Lower	Upper
138	100	261186		
92	54.7	32.6	72.6	
108	76.3	54.6	94.6	

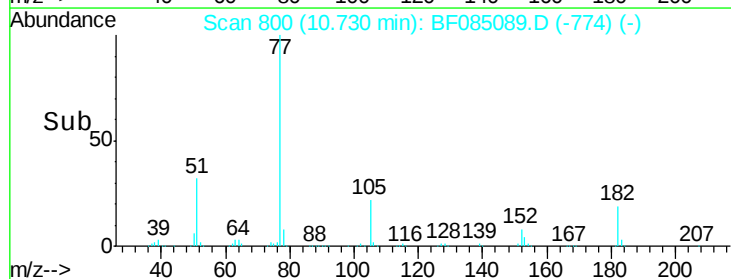
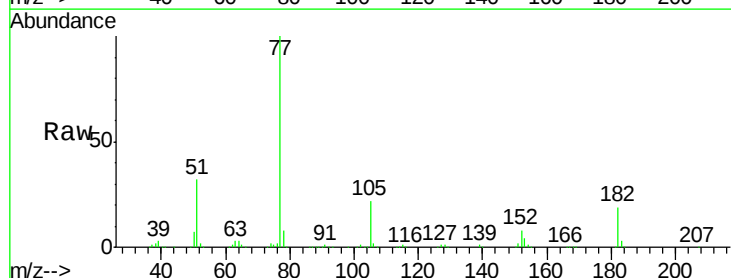
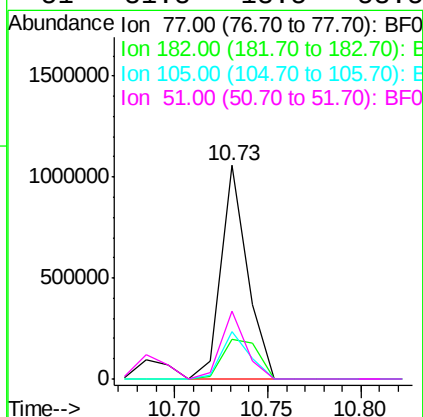
Manual Integrations
APPROVED

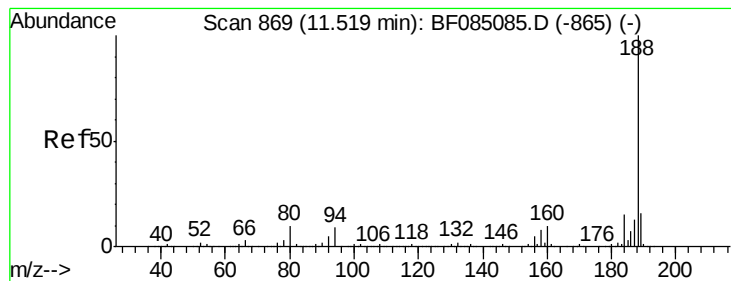
Sohil
2/19/2016 7:57:12 AM



#62
Azobenzene
Concen: 37.24 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1040597		
182	18.8	1.3	41.3	
105	22.5	4.2	44.2	
51	31.8	13.5	53.5	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

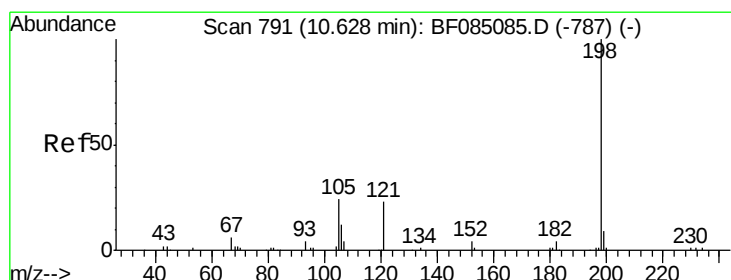
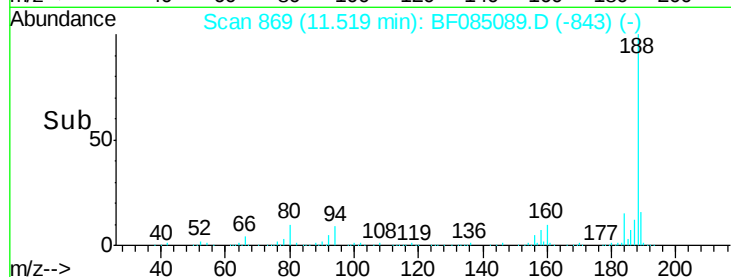
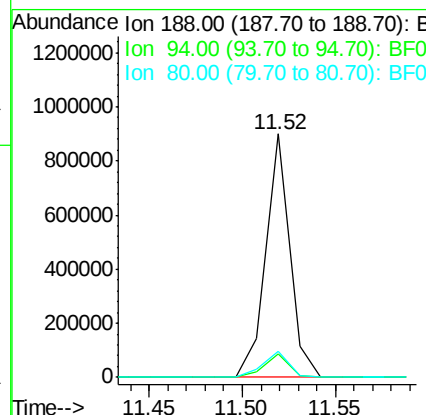
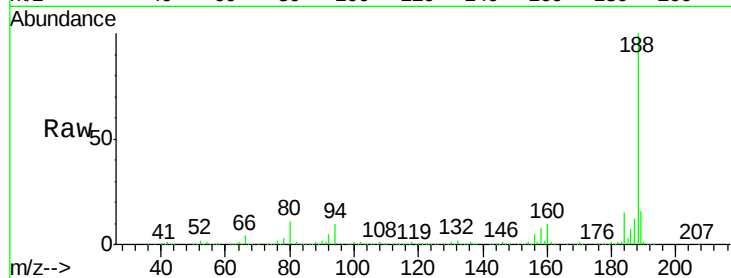
ClientSampleId :

ICVBF021716

Tot Ion	Ratio	Resp	Lower	Upper
188	100	799948		
94	9.8	6.2	9.2#	
80	10.6	6.6	9.8#	

Manual Integrations
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2/19/2016 7:57:12 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 42.85 ng

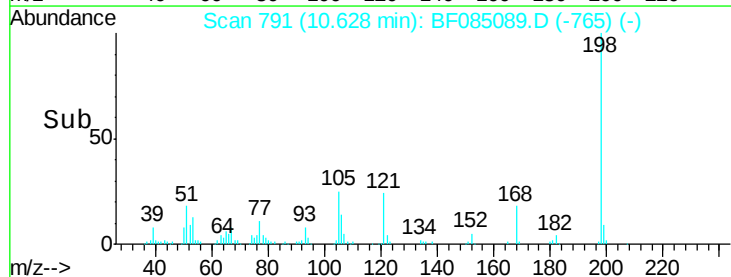
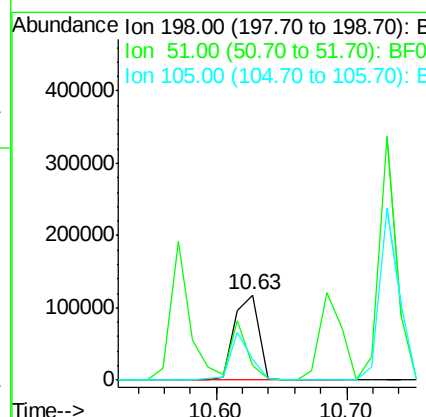
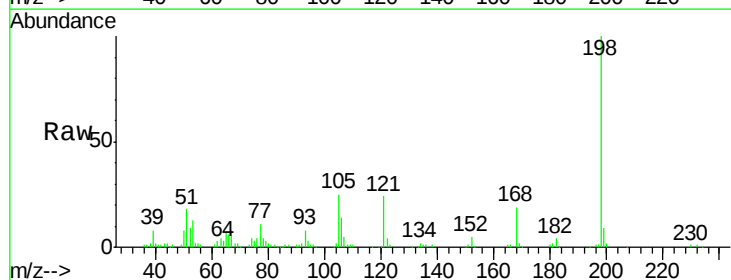
RT: 10.63 min Scan# 791

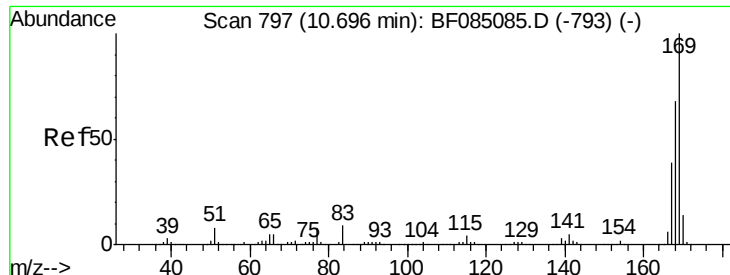
Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	153909		
51	17.6	34.5	74.5#	
105	25.2	26.2	66.2#	





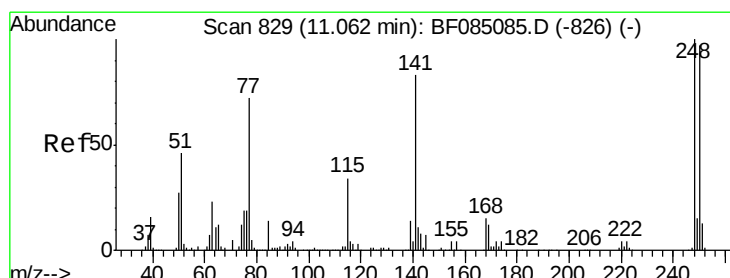
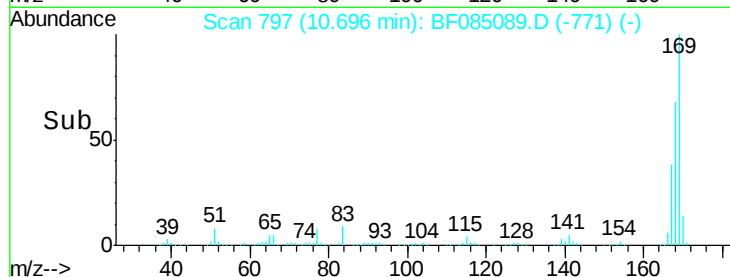
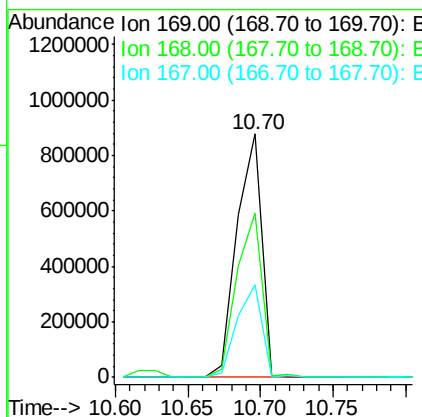
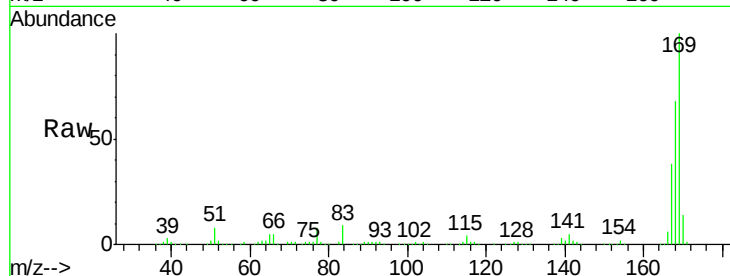
#65
n-Nitrosodiphenylamine
Concen: 41.30 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion:169 Resp: 1042023
Ion Ratio Lower Upper
169 100
168 67.7 54.8 82.2
167 37.8 29.8 44.8

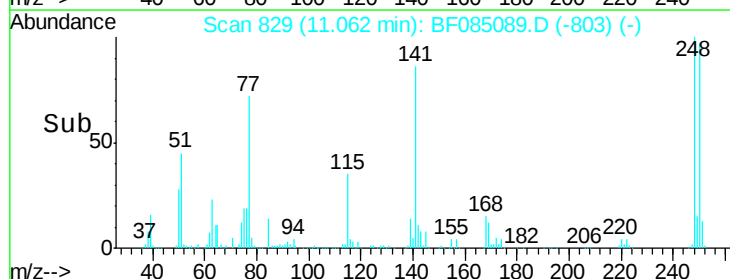
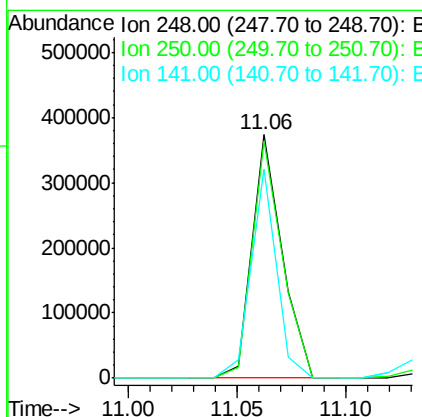
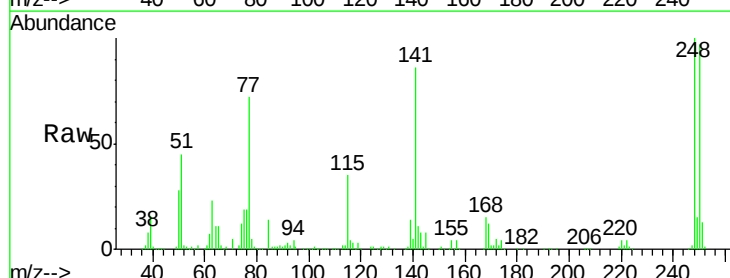
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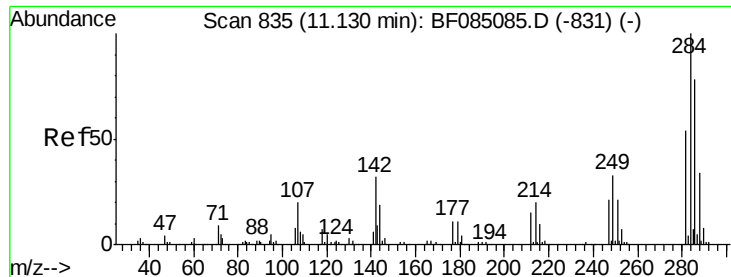
Sohil
2/19/2016 7:57:12 AM



#66
4-Bromophenyl-phenylether
Concen: 38.49 ng
RT: 11.06 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion:248 Resp: 359527
Ion Ratio Lower Upper
248 100
250 97.2 77.5 116.3
141 85.8 58.2 87.4





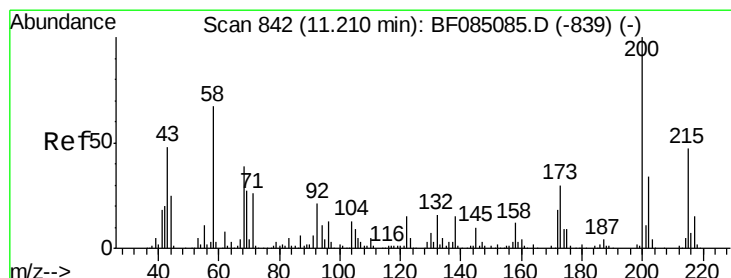
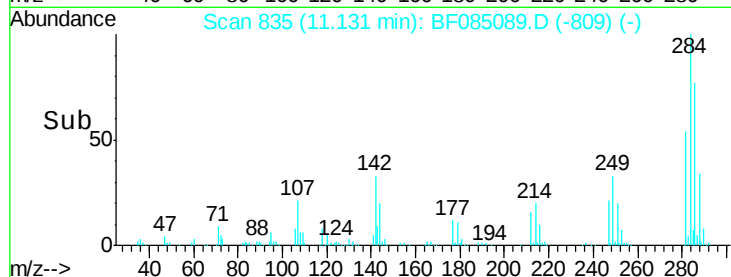
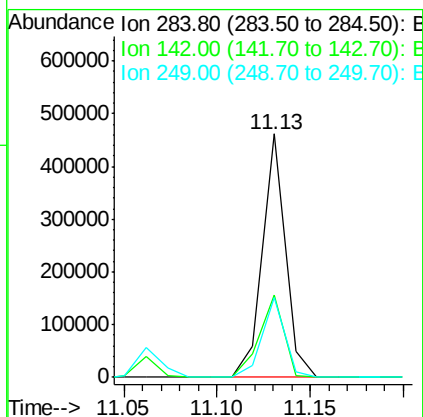
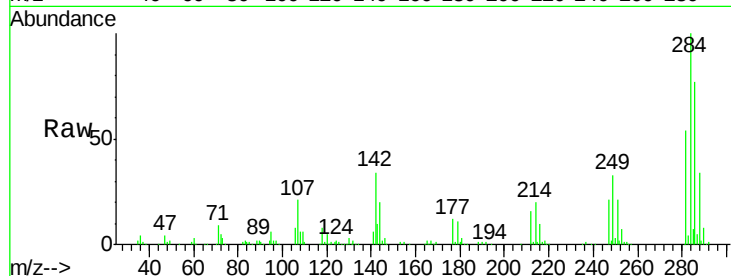
#67
Hexachlorobenzene
Concen: 40.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion	Ratio	Resp	Lower	Upper
284	100	392567		
142	33.6		33.5	50.3
249	32.8		27.4	41.2

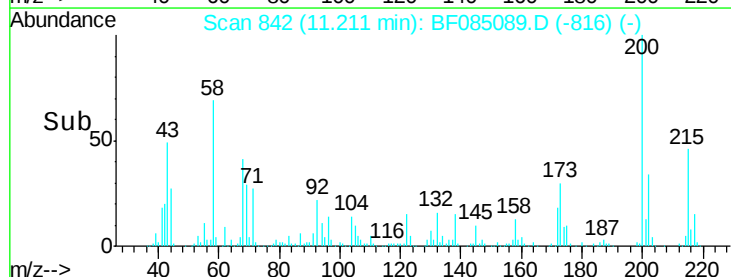
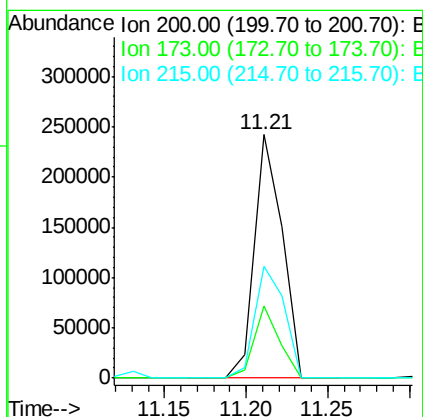
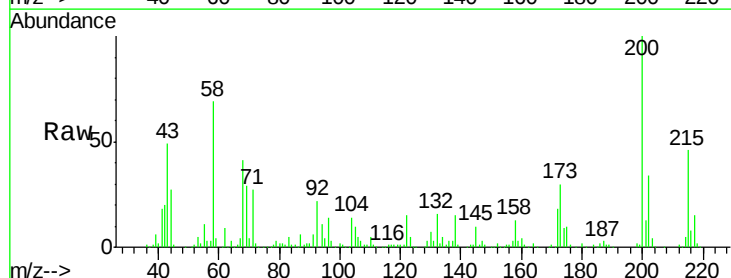
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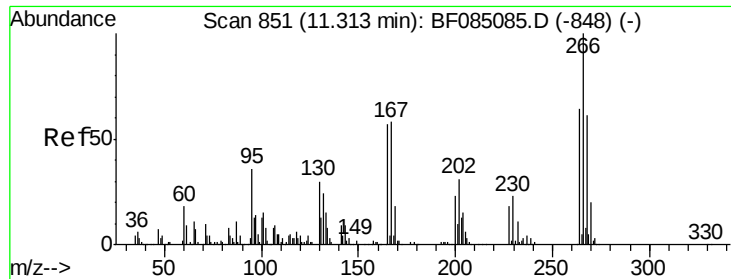
Sohil
2/19/2016 7:57:12 AM



#68
Atrazine
Concen: 39.39 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	286244		
173	29.6		4.7	44.7
215	45.7		24.8	64.8





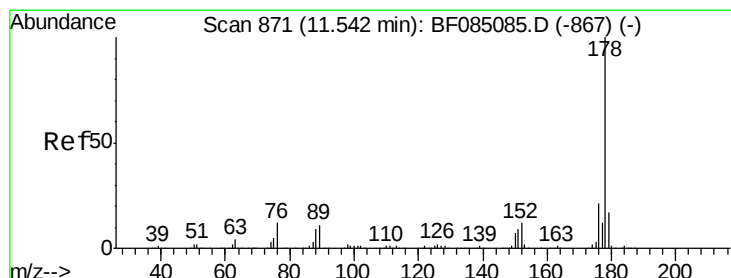
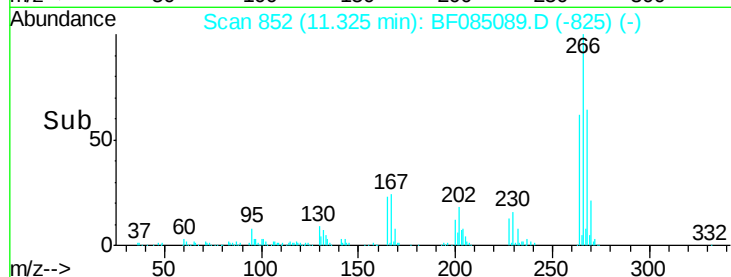
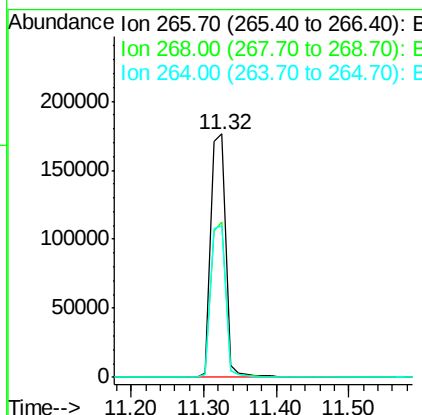
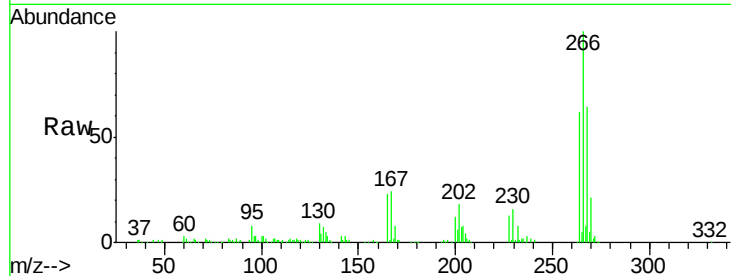
#69
 Pentachlorophenol
 Concen: 42.67 ng
 RT: 11.32 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021716

Tot Ion	Ratio	Resp	Lower	Upper
266	100	254030		
268	63.7		47.3	70.9
264	62.2		49.8	74.6

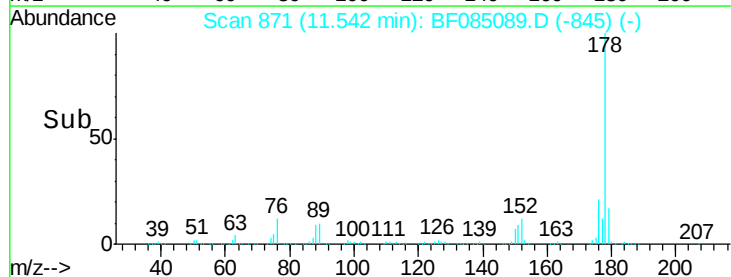
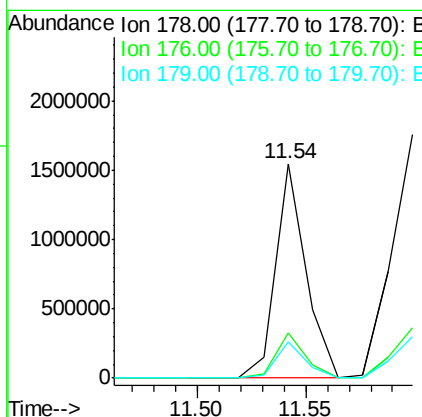
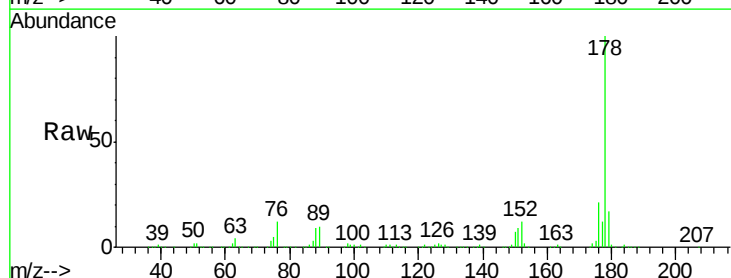
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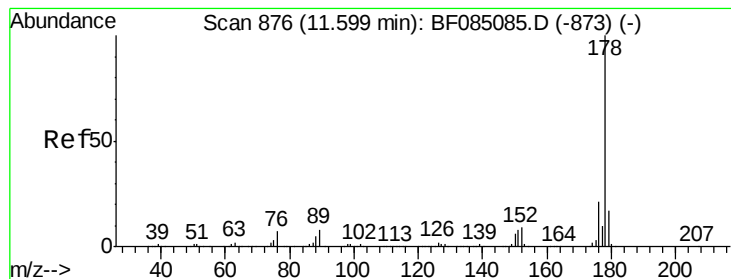
Sohil
 2/19/2016 7:57:12 AM



#70
 Phenanthrene
 Concen: 37.48 ng
 RT: 11.54 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1506148		
176	21.3		15.9	23.9
179	17.1		13.1	19.7





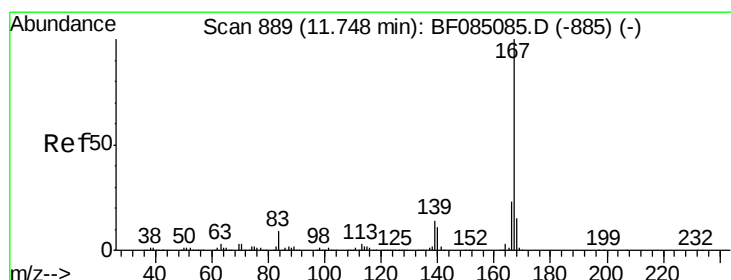
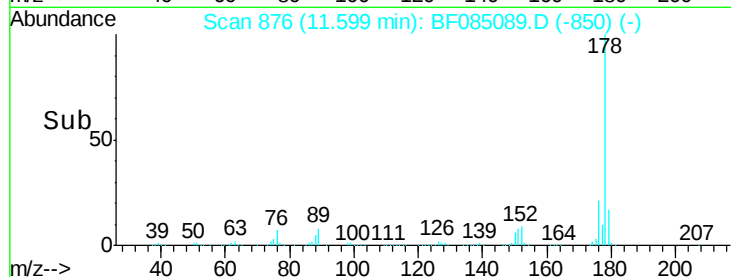
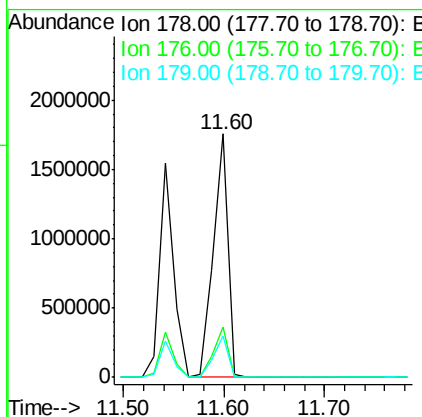
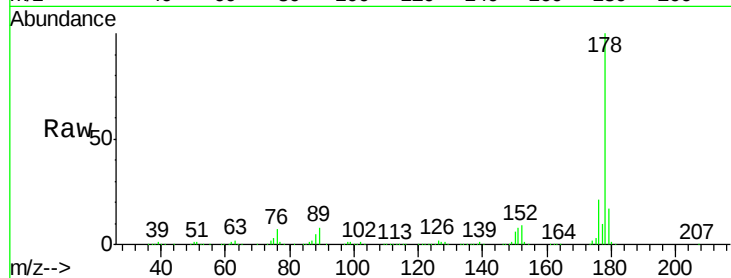
#71
 Anthracene
 Concen: 43.48 ng
 RT: 11.60 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021716

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	14.8	22.2
179	16.9	12.2	18.2

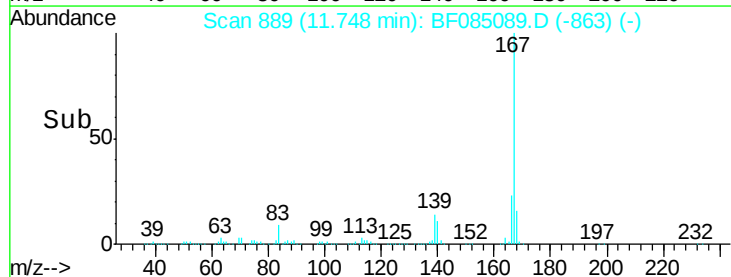
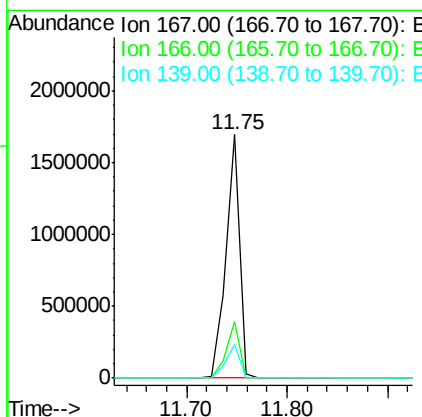
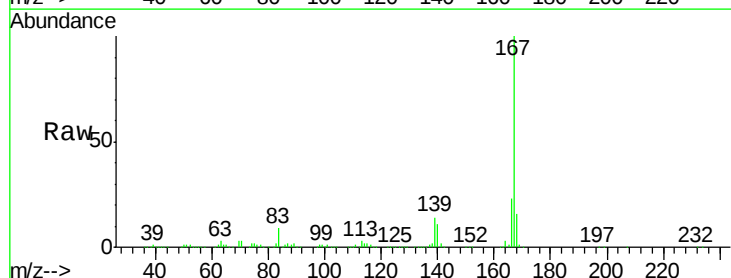
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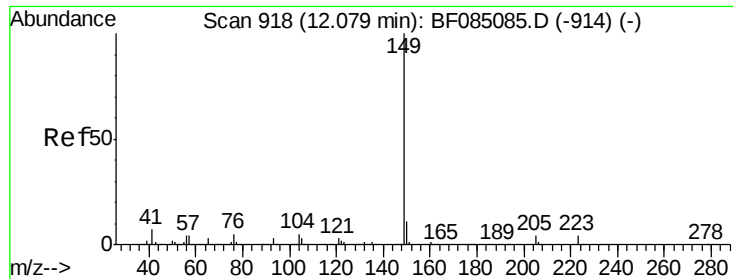
Sohil
 2/19/2016 7:57:12 AM



#72
 Carbazole
 Concen: 43.05 ng
 RT: 11.75 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.4	26.0
139	13.9	11.0	16.6





#73

Di-n-butylphthalate

Concen: 43.38 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

ICVBF021716

Tot Ion:149 Resp: 1831154

Ion Ratio Lower Upper

149 100

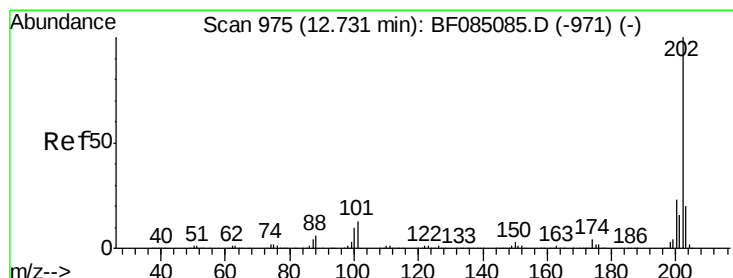
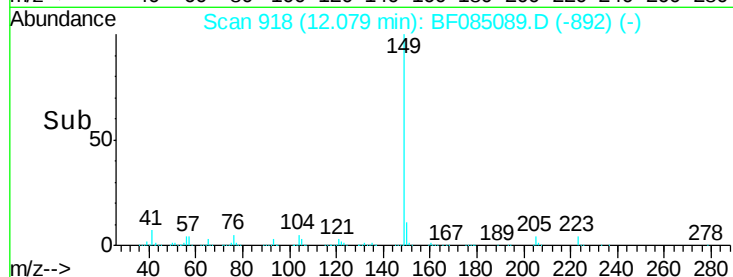
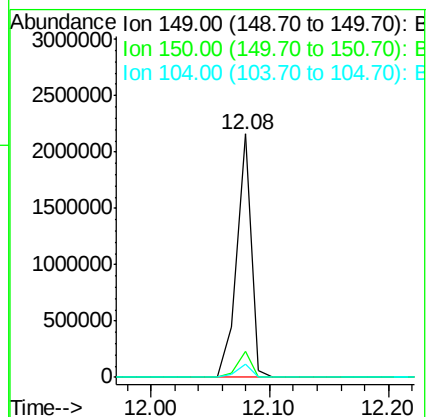
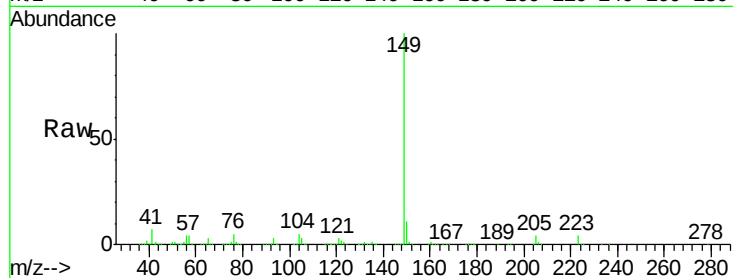
150 10.7 7.5 11.3

104 5.4 4.2 6.2

Manual Integrations
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Sohil

2/19/2016 7:57:12 AM



#74

Fluoranthene

Concen: 39.62 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

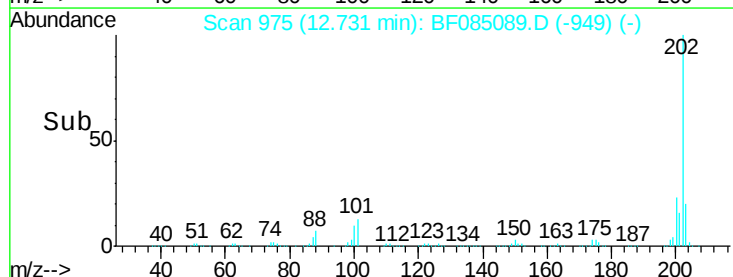
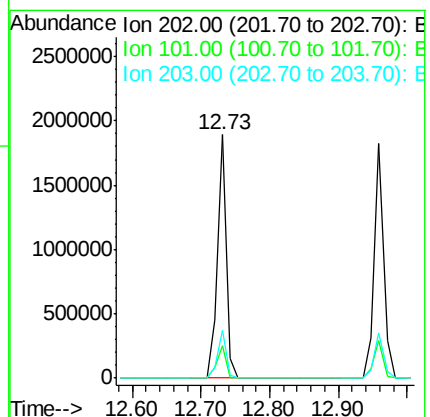
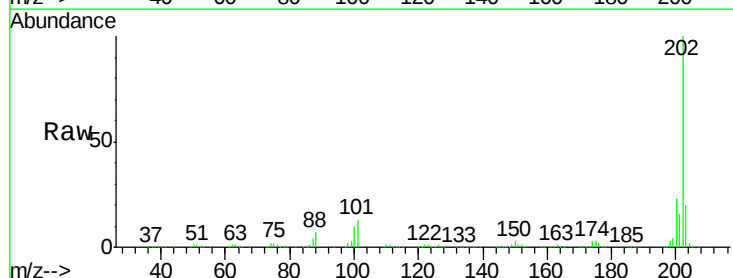
Tgt Ion:202 Resp: 1720865

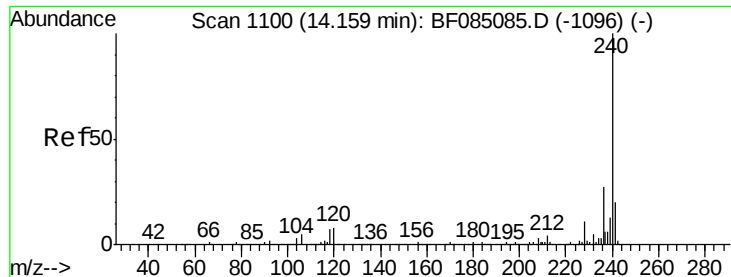
Ion Ratio Lower Upper

202 100

101 13.2 0.0 29.8

203 19.8 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

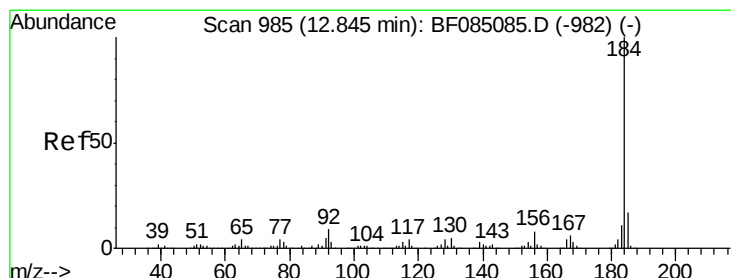
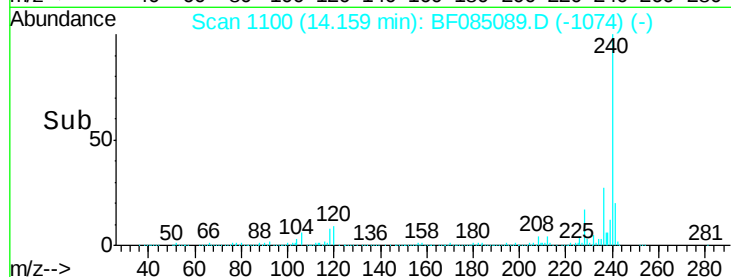
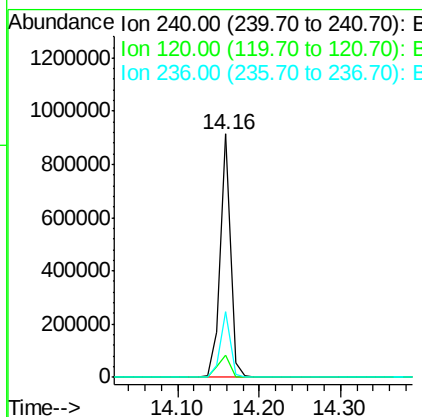
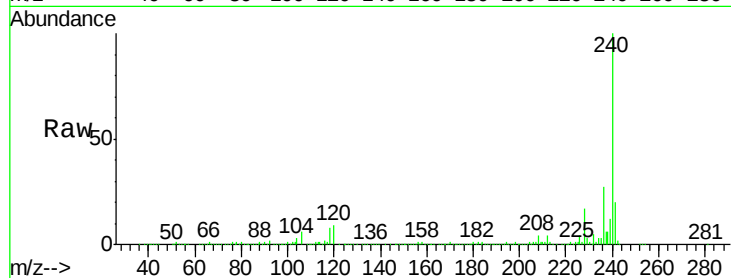
ClientSampleId :

ICVBF021716

Tot Ion:	240	Resp:	792855
Ion Ratio	Lower	Upper	
240	100		
120	9.2	7.0	10.6
236	26.8	20.5	30.7

Manual Integrations
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#76

Benzidine

Concen: 37.59 ng

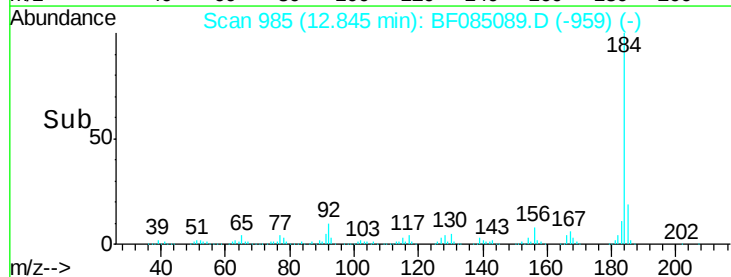
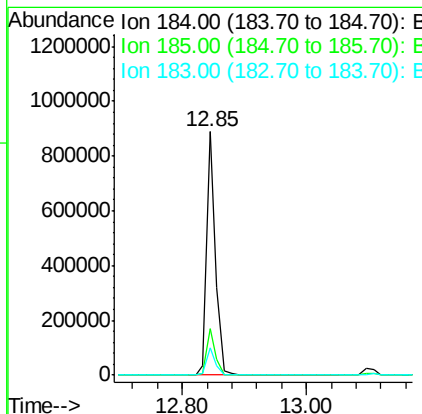
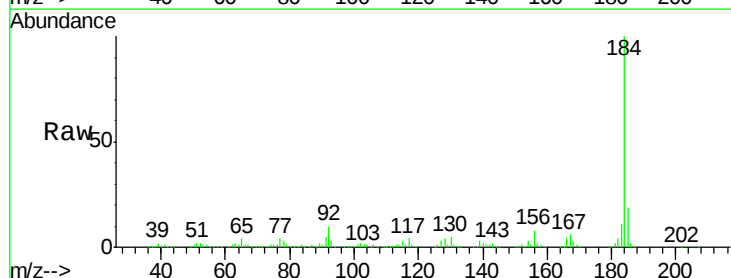
RT: 12.85 min Scan# 985

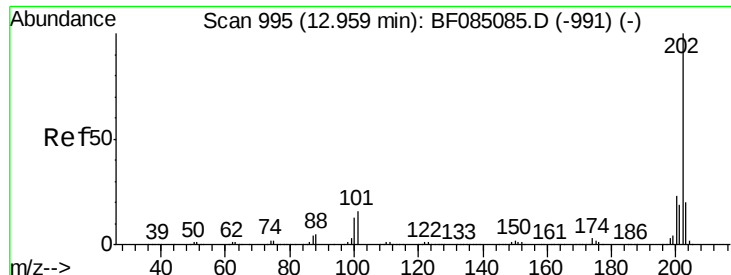
Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion:	184	Resp:	877317
Ion Ratio	Lower	Upper	
184	100		
185	19.4	11.8	17.8#
183	11.4	8.6	12.8





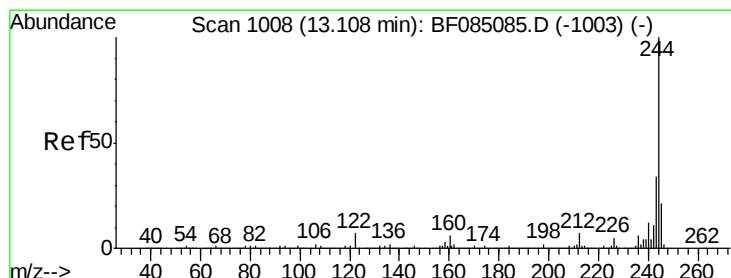
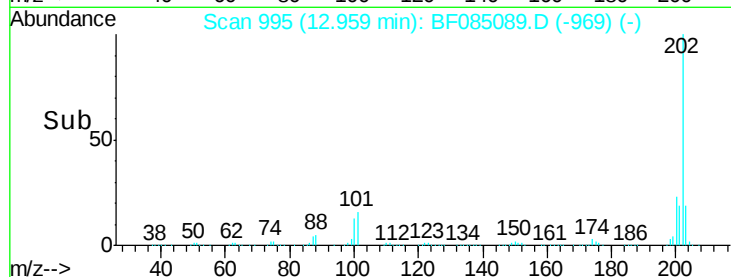
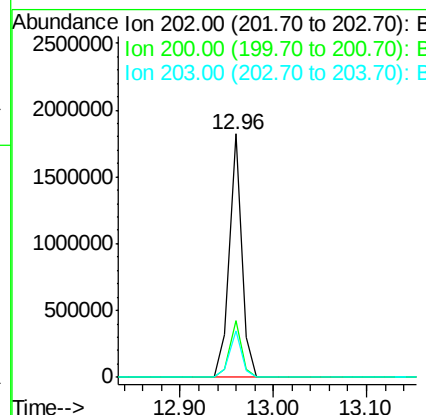
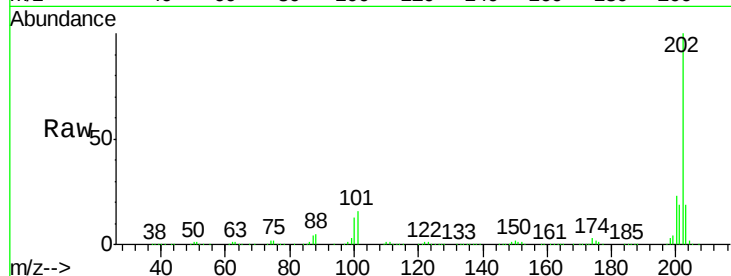
#77
Pvrene
Concen: 35.25 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.0	25.4
203	19.3	14.2	21.4

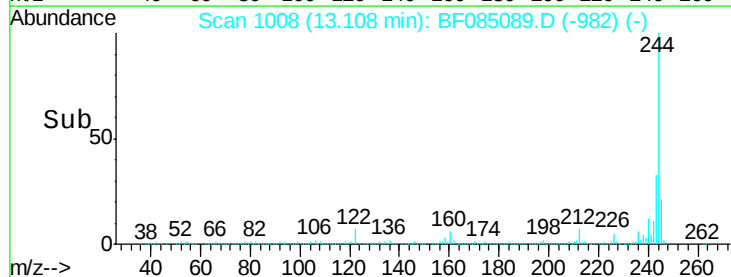
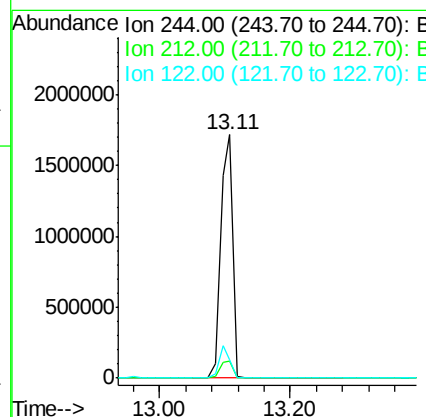
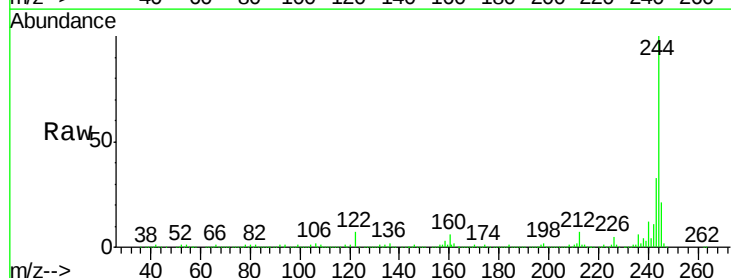
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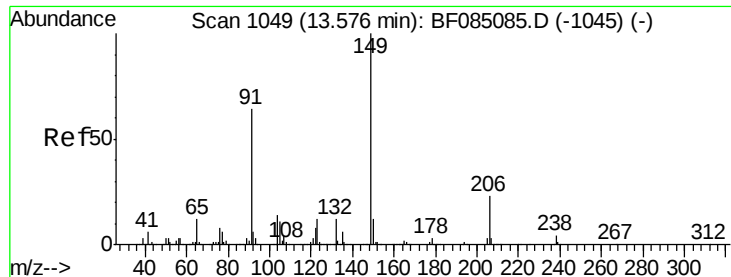
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#78
Terphenyl-d14
Concen: 79.27 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	7.3	10.1	15.1#





#79

Butylbenzylphthalate

Concen: 43.65 ng

RT: 13.58 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

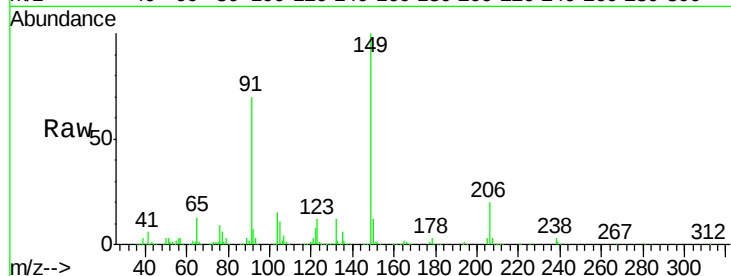
ClientSampleId :

ICVBF021716

Tot Ion:	149	Resp:	828158
Ion Ratio	Lower	Upper	
149	100		
91	69.5	57.8	86.8
206	20.3	13.8	20.8

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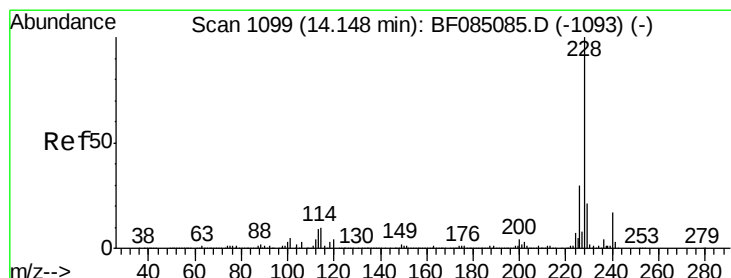
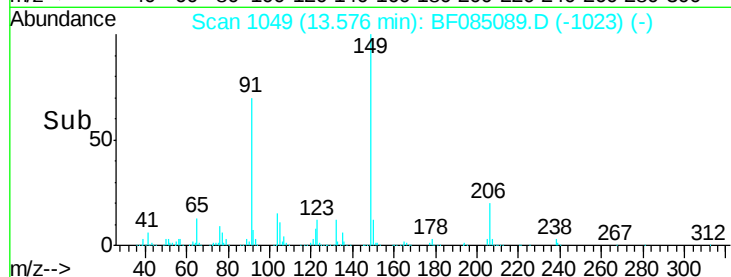
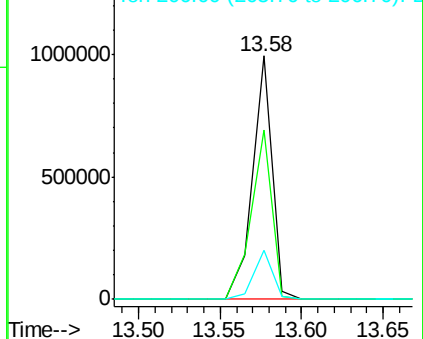
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.94 ng

RT: 14.15 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF085089.D

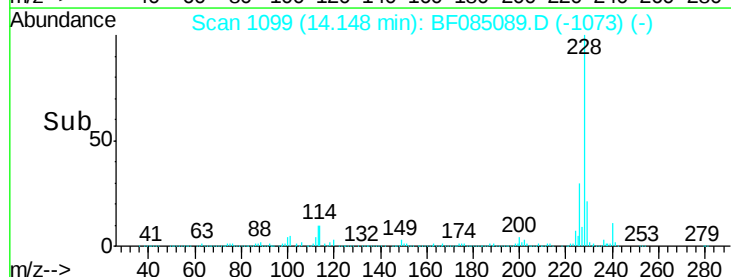
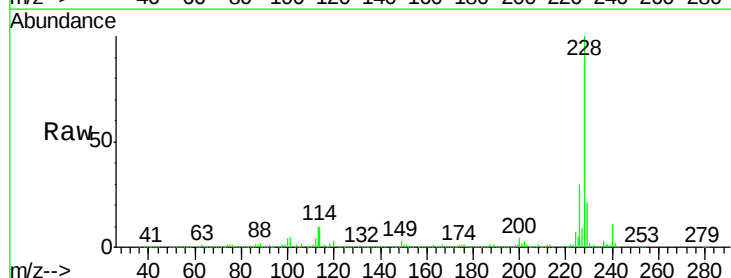
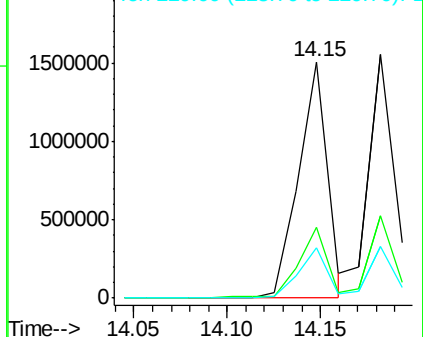
Acq: 17 Feb 2016 16:32

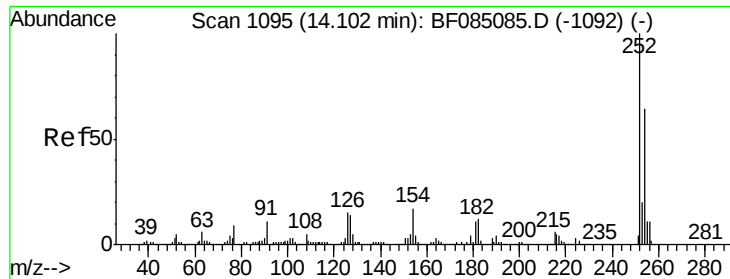
Tgt Ion:	228	Resp:	1633736
Ion Ratio	Lower	Upper	
228	100		
226	30.2	21.8	32.6
229	21.4	15.8	23.8

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





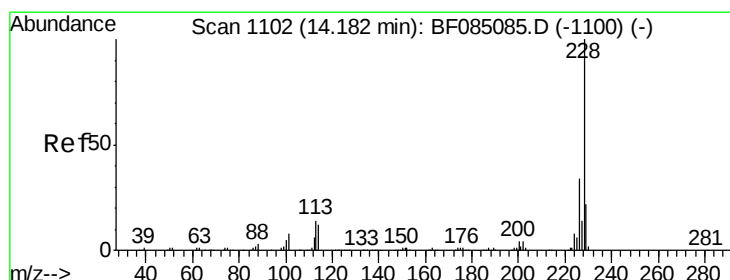
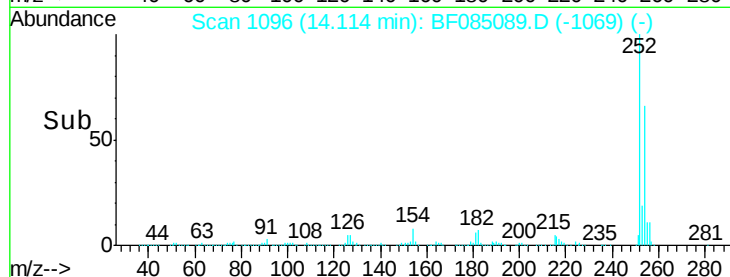
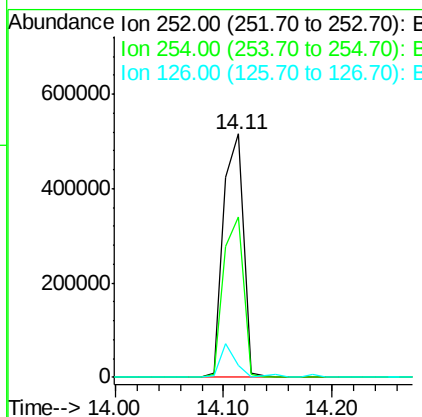
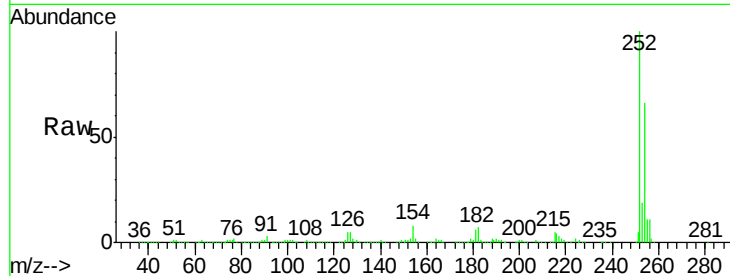
#81
 3,3'-Dichlorobenzidine
 Concen: 40.61 ng
 RT: 14.11 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021716

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.9	79.3
126	5.0	10.6	16.0

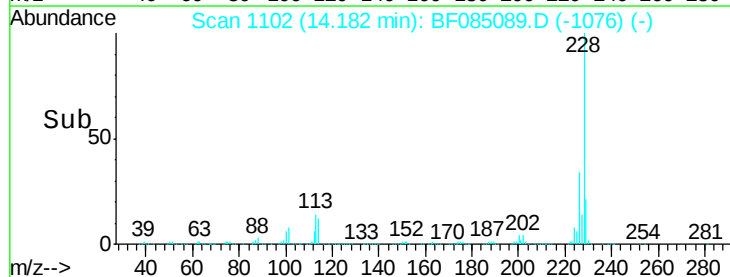
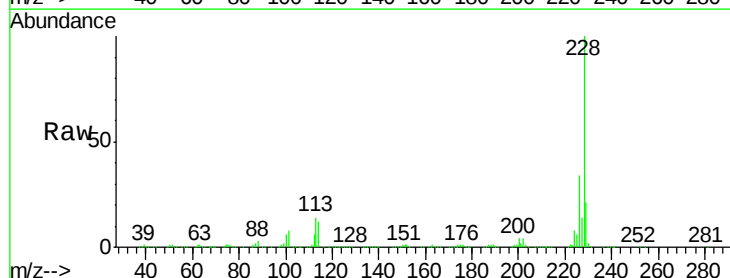
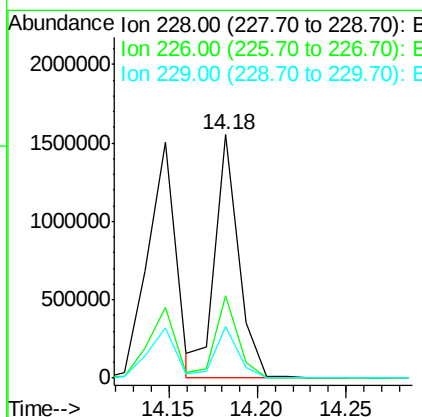
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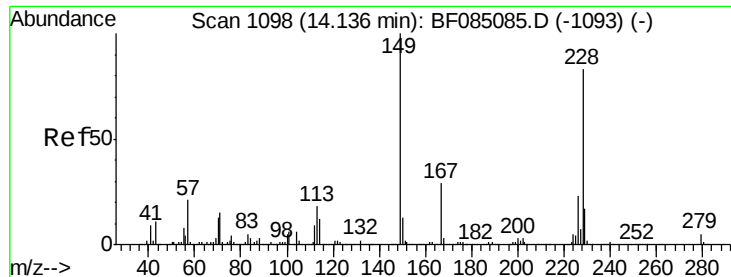
Sohil
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#82
 Chrysene
 Concen: 36.01 ng m
 RT: 14.18 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.3	36.5
229	21.3	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.72 ng

RT: 14.14 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

ICVBF021716

Tot Ion:149 Resp: 1107759

Ion Ratio Lower Upper

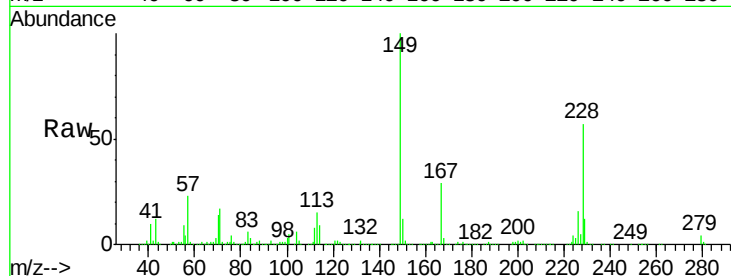
149 100

167 28.7 21.0 31.6

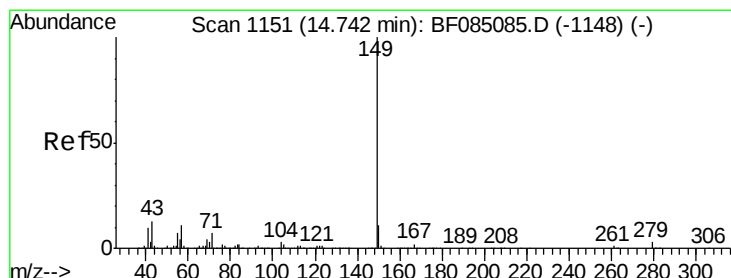
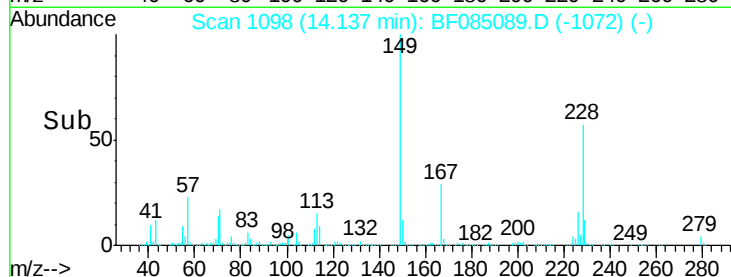
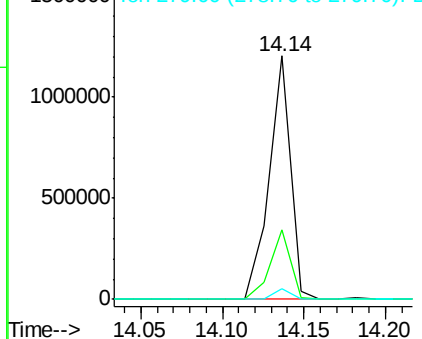
279 4.2 2.4 3.6#

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 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.37 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

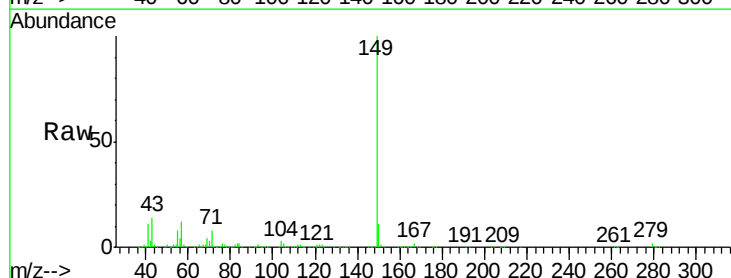
Tgt Ion:149 Resp: 1799204

Ion Ratio Lower Upper

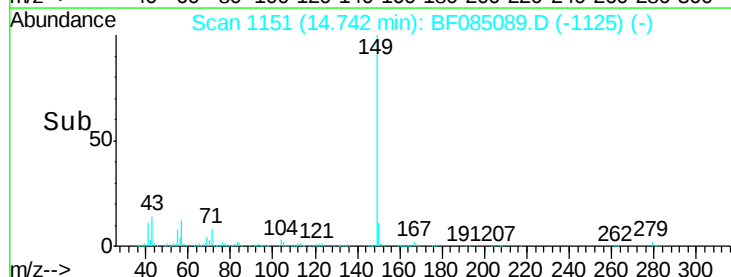
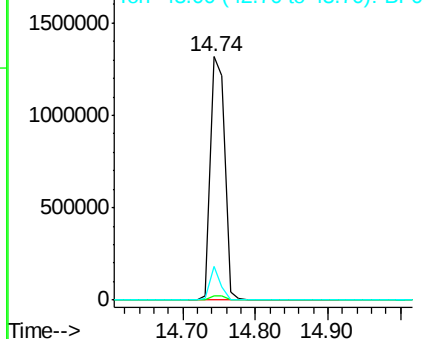
149 100

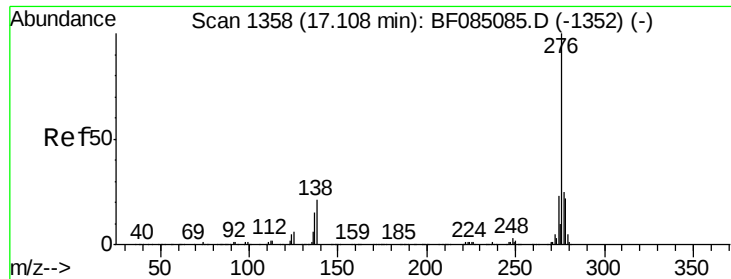
167 1.6 1.2 1.8

43 10.3 9.0 13.6



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





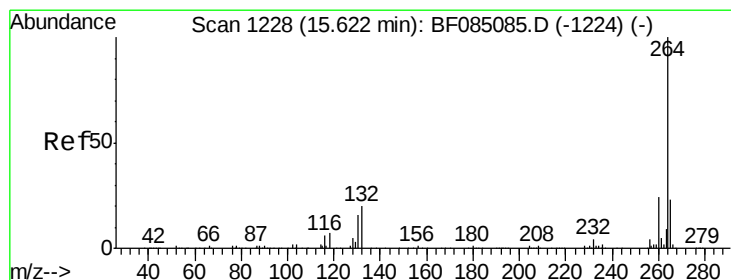
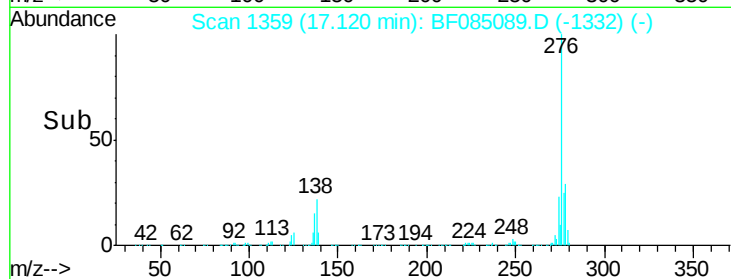
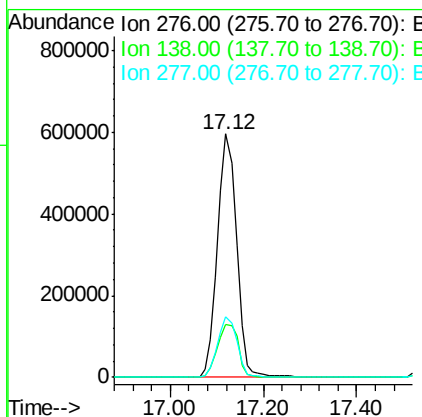
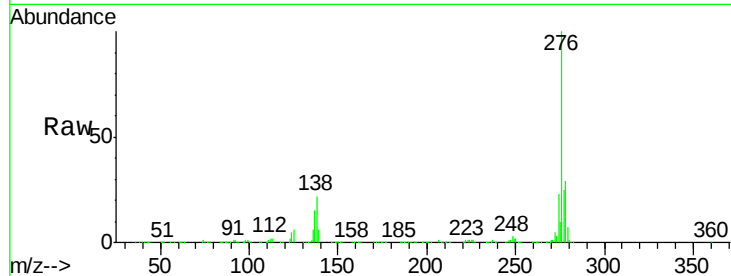
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.32 ng
RT: 17.12 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	23.9	19.0	28.4	
277	25.3	20.0	30.0	

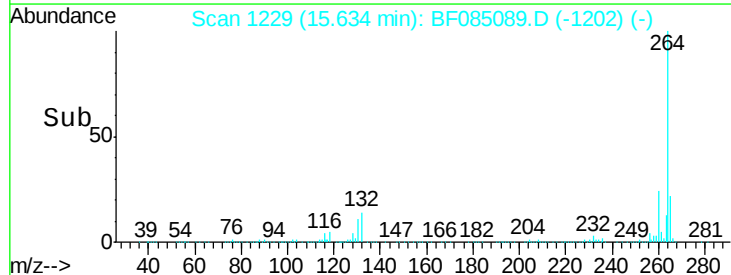
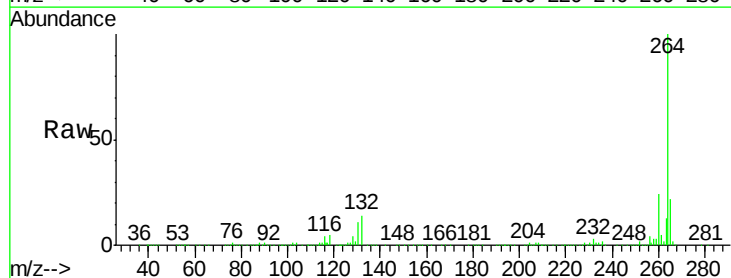
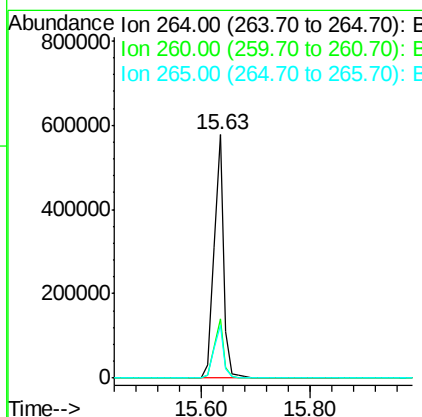
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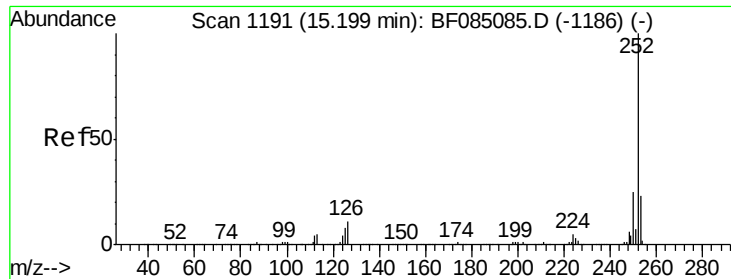
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.4	18.5	27.7	
265	22.0	16.7	25.1	





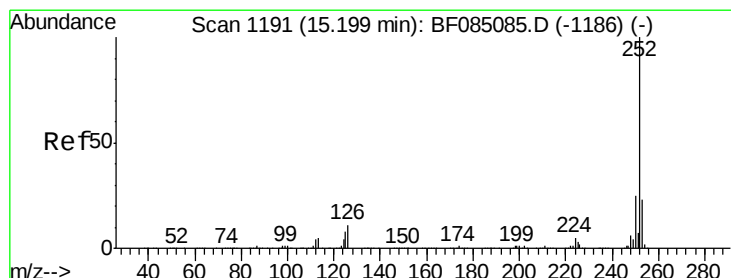
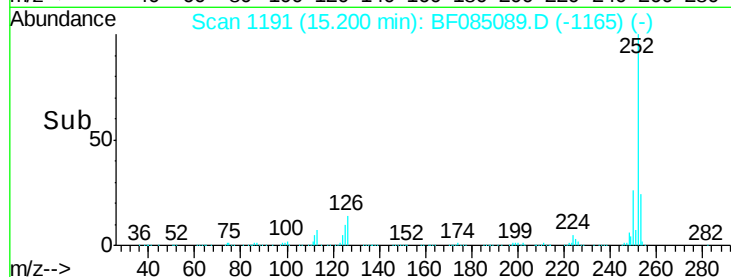
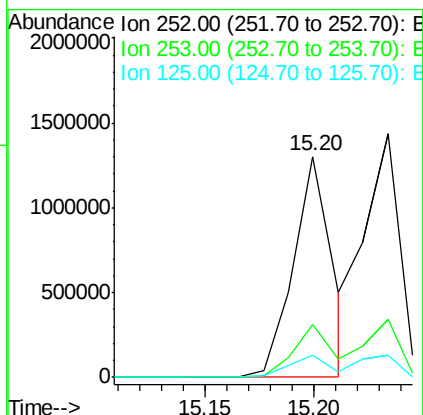
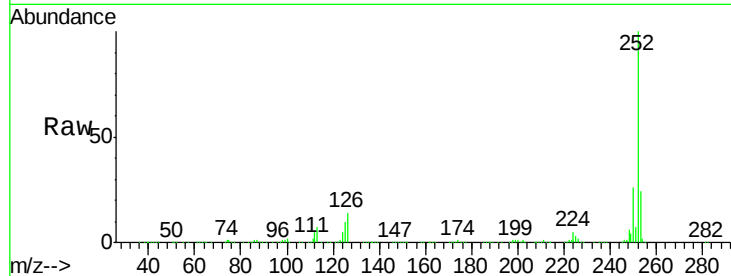
#87
Benzo(b)fluoranthene
Concen: 34.56 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	10.2	5.4	8.2

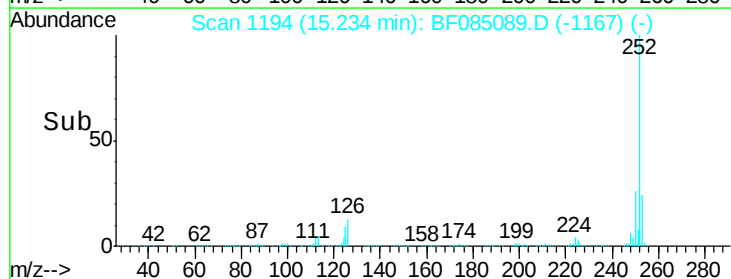
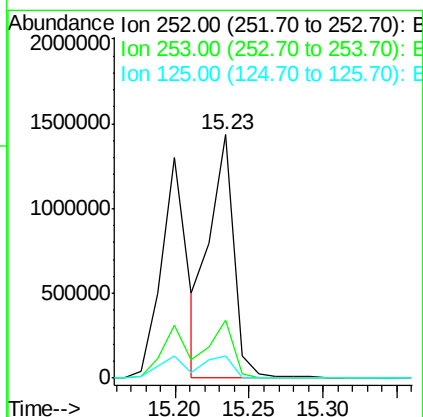
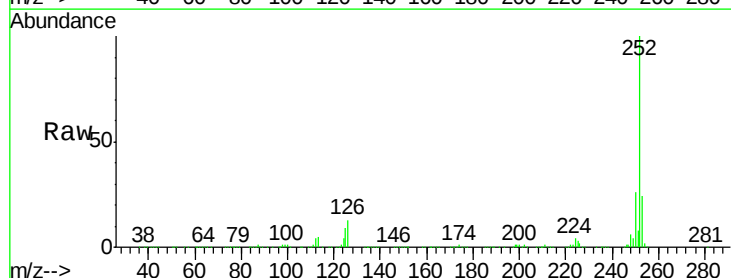
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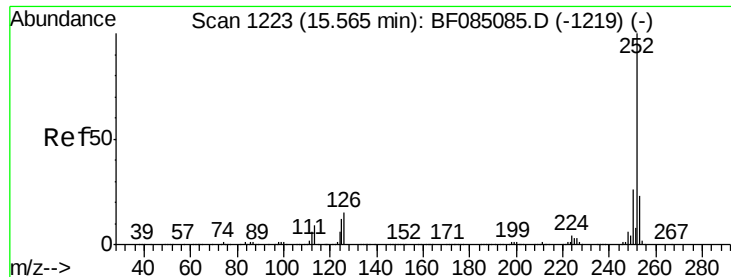
Sohil
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#88
Benzo(k)fluoranthene
Concen: 44.45 ng m
RT: 15.23 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	9.0	7.2	10.8





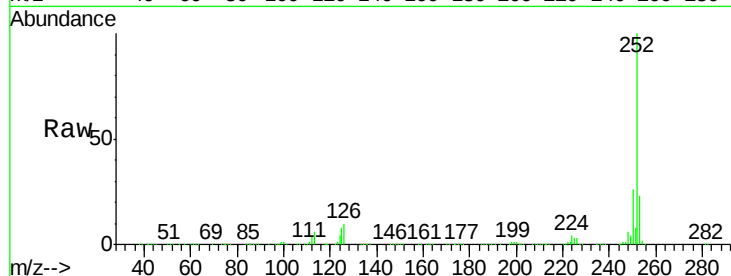
#89
Benzo(a)pyrene
Concen: 40.74 ng
RT: 15.58 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :
ICVBF021716

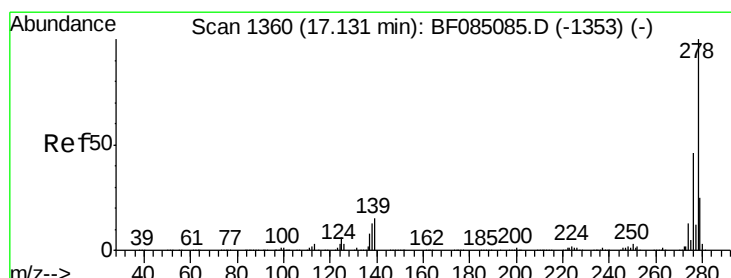
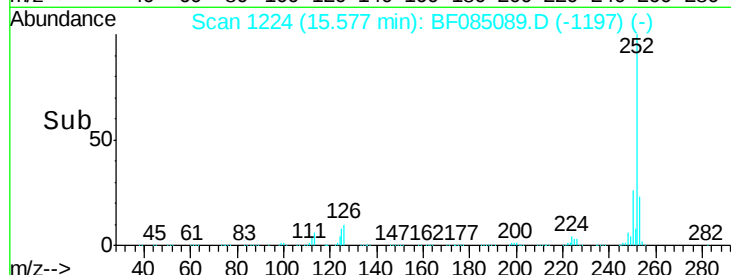
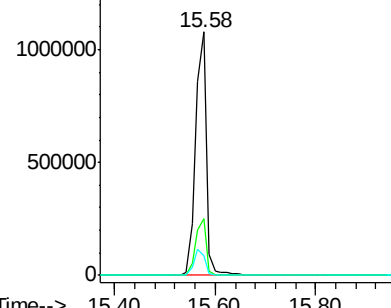
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	8.0	6.1	9.1

Manual Integrations
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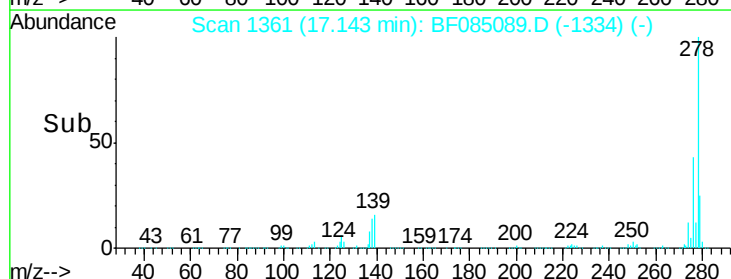
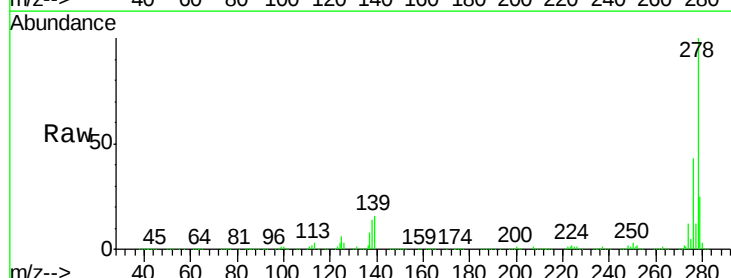
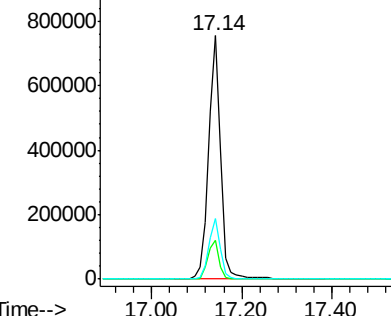
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

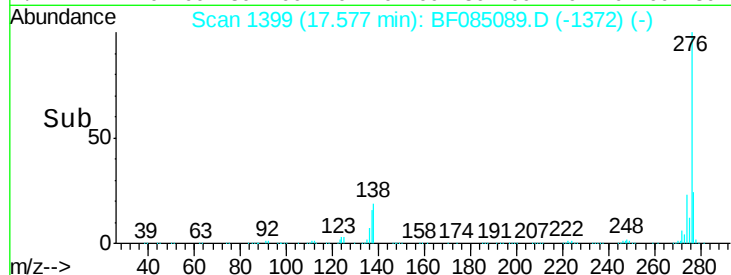
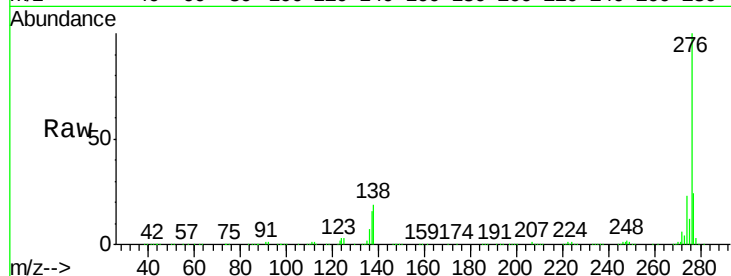
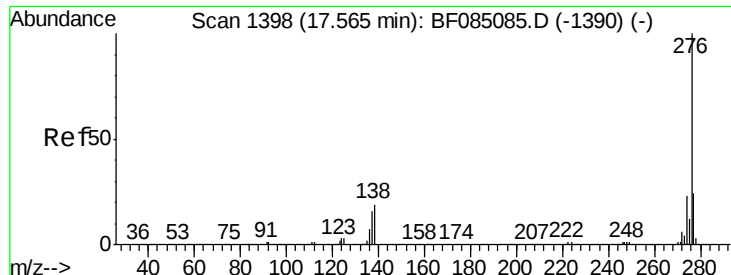


#90
Dibenzo(a,h)anthracene
Concen: 41.66 ng
RT: 17.14 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.3	19.9
279	24.7	18.6	27.8

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





#91
 Benzo(a,h,i)perylene
 Concen: 40.51 ng
 RT: 17.58 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021716

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	18.8	16.6	24.8

Manual Integrations
 APPROVED

Sohil
 2/19/2016 7:57:12 AM

