

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089339.D
 Acq On : 27 Jul 2016 20:17
 Operator : UM/SJ
 Sample : H4176-14MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MSD

Manual Integrations

sohil
 7/28/2016 4:56:29 PM

Quant Time: Jul 28 01:18:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	44714	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	192602	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	93393	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	177200	20.00	ng	0.00
75) Chrysene-d12	13.67	240	130142	20.00	ng	0.00
86) Perylene-d12	15.01	264	102354	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	405623	144.85	ng	0.02
7) Phenol-d6	6.20	99	532827	143.98	ng	0.00
23) Nitrobenzene-d5	7.12	82	336854	103.23	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	107428	138.89	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	627305	98.57	ng	0.00
78) Terphenyl-d14	12.63	244	511547	92.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	49664	39.06	ng	# 93
3) Pyridine	2.63	79	113306	41.35	ng	97
4) n-Nitrosodimethylamine	2.60	42	52266	46.60	ng	95
6) Aniline	6.22	93	130413	32.64	ng	# 44
8) 2-Chlorophenol	6.33	128	154609	48.81	ng	94
9) Benzaldehyde	6.09	77	20425	11.30	ng	95
10) Phenol	6.23	94	191484	46.89	ng	87
11) bis(2-Chloroethyl)ether	6.30	93	154491	44.53	ng	97
12) 1,3-Dichlorobenzene	6.48	146	150398	45.39	ng	100
13) 1,4-Dichlorobenzene	6.56	146	163573	44.73	ng	99
14) 1,2-Dichlorobenzene	6.72	146	146820	42.86	ng	99
15) Benzyl Alcohol	6.71	79	129753	56.50	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	170468	45.04	ng	82
17) 2-Methylphenol	6.83	107	118246	48.30	ng	96
18) Hexachloroethane	7.05	117	61816	44.09	ng	97
19) n-Nitroso-di-n-propylamine	6.98	70	117712	52.75	ng	95
20) 3+4-Methylphenols	6.99	107	158174	50.31	ng	# 86
22) Acetophenone	6.97	105	223519	48.75	ng	99
24) Nitrobenzene	7.14	77	159025	42.82	ng	99
25) Isophorone	7.38	82	309876	47.14	ng	99
26) 2-Nitrophenol	7.46	139	77057	46.41	ng	99
27) 2,4-Dimethylphenol	7.51	122	126719	47.91	ng	98
28) bis(2-Chloroethoxy)methane	7.60	93	185491	50.98	ng	99
29) 2,4-Dichlorophenol	7.70	162	128494	53.31	ng	98
30) 1,2,4-Trichlorobenzene	7.78	180	130224	47.35	ng	97
31) Naphthalene	7.85	128	459316	48.16	ng	100
32) Benzoic acid	7.64	122	23008	12.48	ng	94
33) 4-Chloroaniline	7.92	127	70835	19.51	ng	98
34) Hexachlorobutadiene	7.98	225	71421	45.35	ng	98
35) Caprolactam	8.30	113	35768m	49.17	ng	
36) 4-Chloro-3-methylphenol	8.42	107	148046	51.68	ng	95
37) 2-Methylnaphthalene	8.55	142	285973	49.76	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	119284	36.50	ng	99
40) Hexachlorocyclopentadiene	8.70	237	93005	97.62	ng	99

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Manual Integrations

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Quant Time: Jul 28 01:18:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	79209	50.98	nq	99
43) 2,4,5-Trichlorophenol	8.88	196	94538	48.03	nq	# 91
45) 1,1'-Biphenyl	9.00	154	336343	42.30	nq	100
46) 2-Chloronaphthalene	9.03	162	266239	44.58	nq	98
47) 2-Nitroaniline	9.14	65	90629	51.25	nq	96
48) Acenaphthylene	9.44	152	436901	46.45	nq	99
49) Dimethylphthalate	9.32	163	465645	65.51	nq	99
50) 2,6-Dinitrotoluene	9.38	165	70178	48.05	nq	# 75
51) Acenaphthene	9.61	154	261657	47.63	nq	100
52) 3-Nitroaniline	9.55	138	44389	28.80	nq	94
53) 2,4-Dinitrophenol	9.67	184	35374	60.46	nq	90
54) Dibenzofuran	9.78	168	379187	50.66	nq	97
55) 4-Nitrophenol	9.75	139	72949m	95.86	nq	
56) 2,4-Dinitrotoluene	9.79	165	93500	48.63	nq	# 63
57) Fluorene	10.12	166	317050	48.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	71176	54.16	nq	# 95
59) Diethylphthalate	10.02	149	354615	49.21	nq	96
60) 4-Chlorophenyl-phenylether	10.12	204	137010	45.71	nq	99
61) 4-Nitroaniline	10.17	138	73575	46.31	nq	89
62) Azobenzene	10.28	77	364958	49.18	nq	84
64) 4,6-Dinitro-2-methylphenol	10.19	198	44588	42.26	nq	# 63
65) n-Nitrosodiphenylamine	10.25	169	265577	48.03	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	83785	49.52	nq	92
67) Hexachlorobenzene	10.66	284	76233	43.97	nq	94
68) Atrazine	10.78	200	76679	45.14	nq	97
69) Pentachlorophenol	10.87	266	78896	92.87	nq	99
70) Phenanthrene	11.07	178	437722	47.90	nq	100
71) Anthracene	11.13	178	472680	46.52	nq	99
72) Carbazole	11.29	167	423068	49.46	nq	99
73) Di-n-butylphthalate	11.62	149	519252	45.25	nq	100
74) Fluoranthene	12.25	202	460924	47.95	nq	97
76) Benzidine	12.39	184	177070	36.82	nq	96
77) Pyrene	12.48	202	456915	46.33	nq	100
79) Butylbenzylphthalate	13.11	149	212531	47.39	nq	93
80) Benzo(a)anthracene	13.66	228	335802	45.72	nq	98
81) 3,3'-Dichlorobenzidine	13.63	252	68639	25.97	nq	97
82) Chrysene	13.69	228	342653	43.83	nq	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	297733	45.93	nq	100
84) Di-n-octyl phthalate	14.29	149	499479	49.38	nq	99
85) Indeno(1,2,3-cd)pyrene	16.21	276	253700	45.64	nq	99
87) Benzo(b)fluoranthene	14.65	252	260296m	40.95	nq	
88) Benzo(k)fluoranthene	14.67	252	303034m	51.85	nq	
89) Benzo(a)pyrene	14.96	252	271408	47.60	nq	# 94
90) Dibenzo(a,h)anthracene	16.22	278	214940	47.85	nq	95
91) Benzo(g,h,i)perylene	16.56	276	212109	48.04	nq	96

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

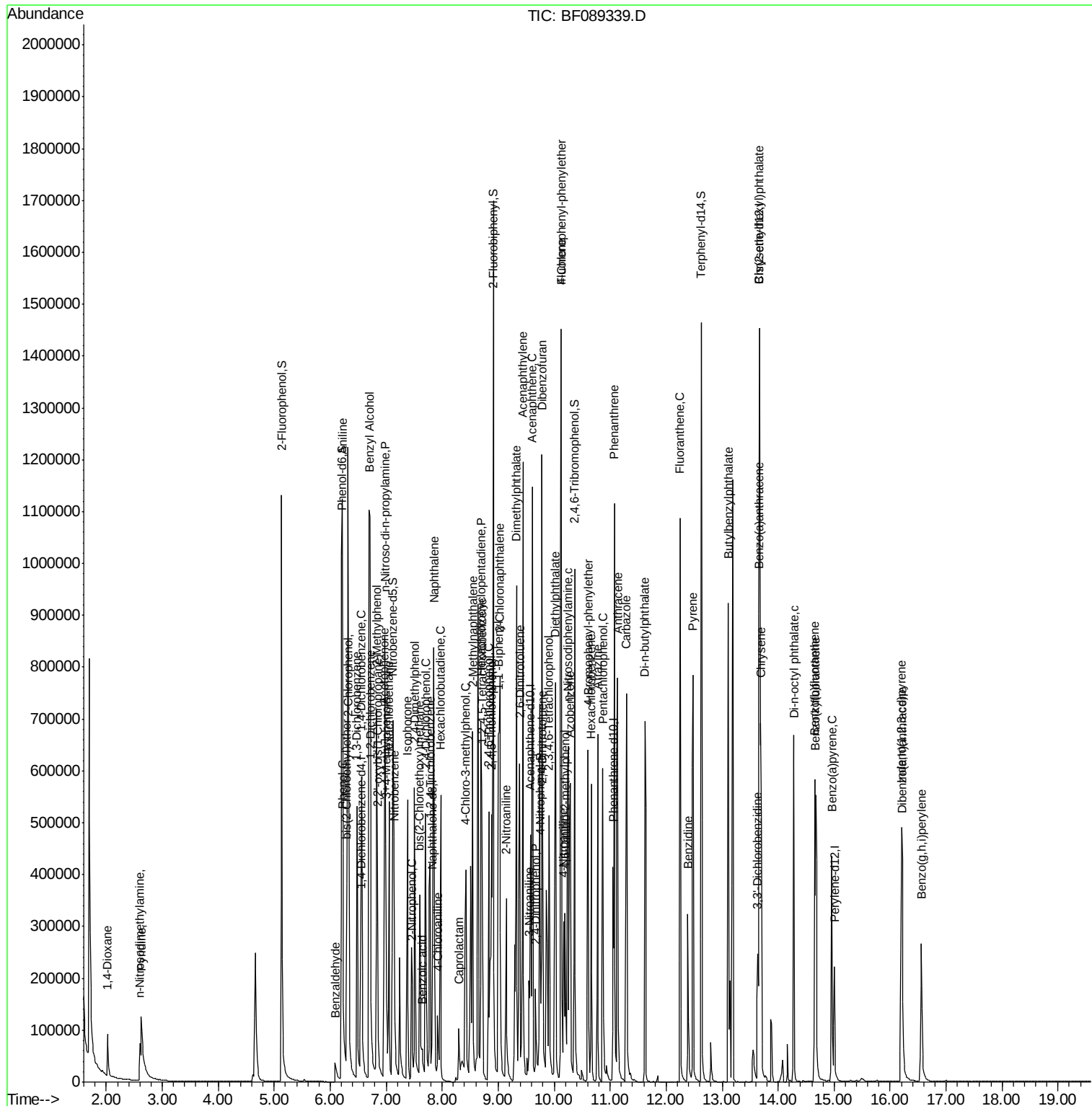
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
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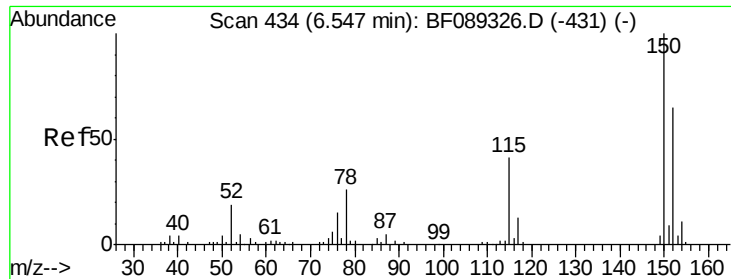
Instrument :
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#1

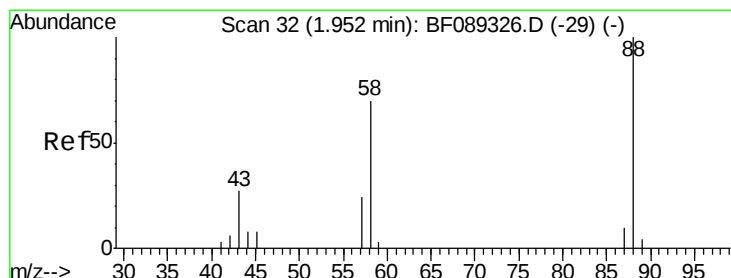
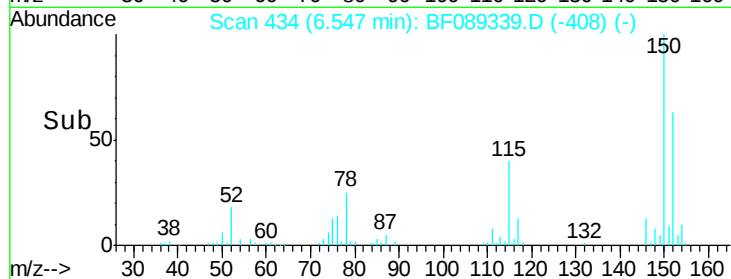
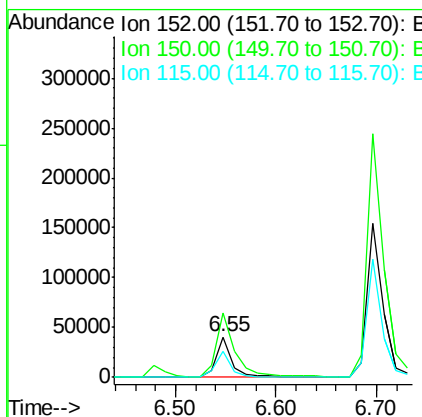
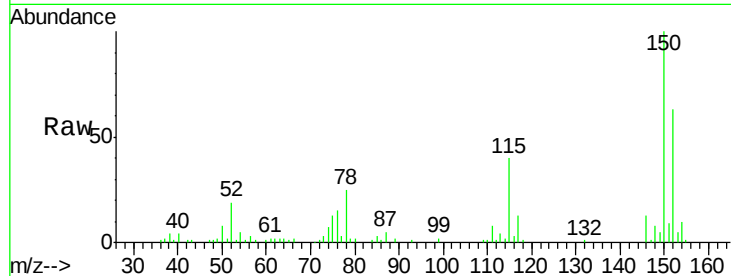
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	129.5	194.3
115	64.0	51.4	77.2

Manual Integrations

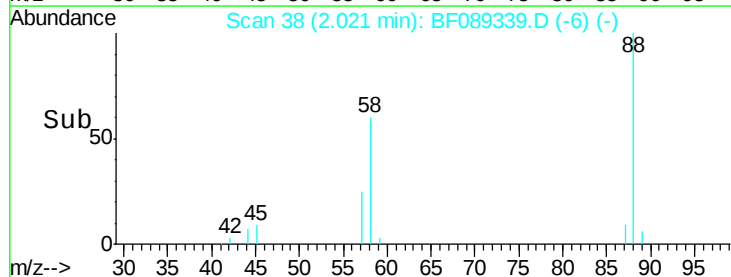
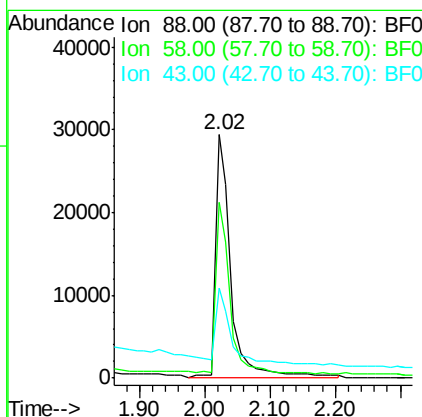
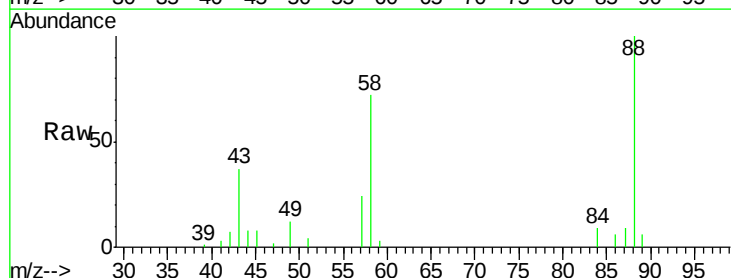
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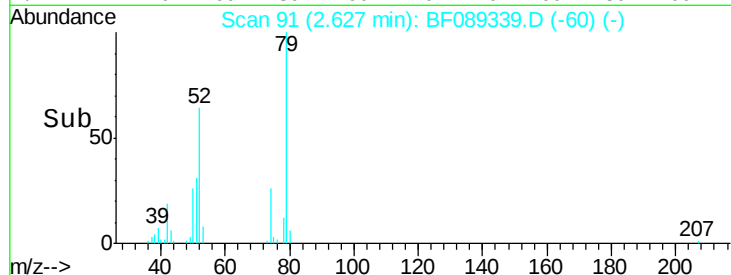
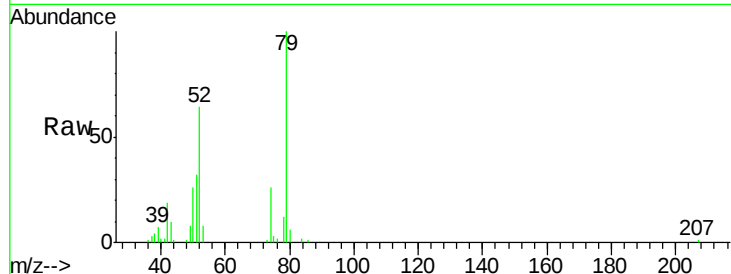
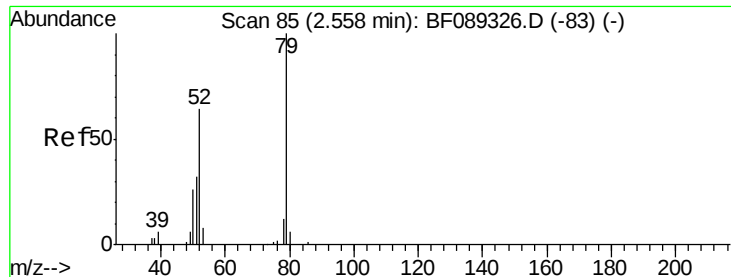


#2

1,4-Dioxane
Concen: 39.06 ng
RT: 2.02 min Scan# 38
Delta R.T. 0.07 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.8	53.2	79.8
43	33.5	20.6	31.0





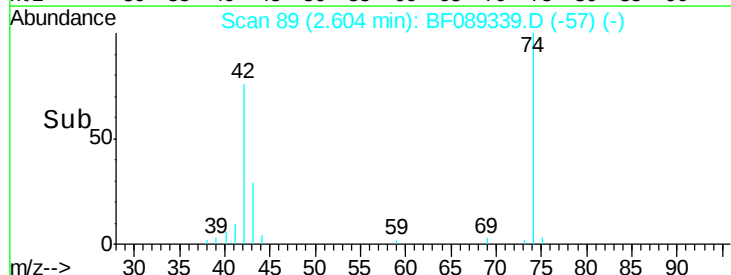
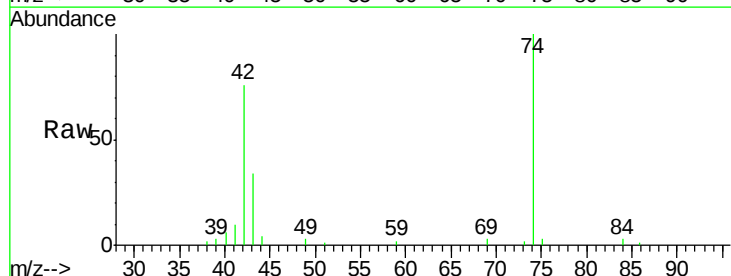
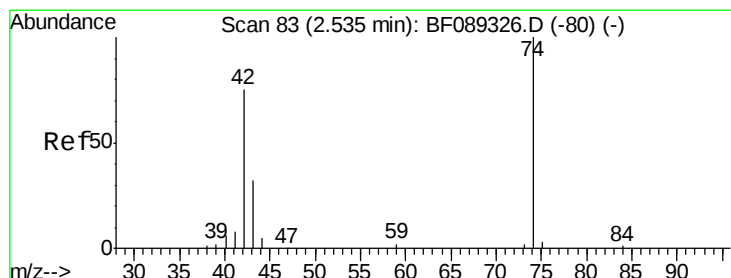
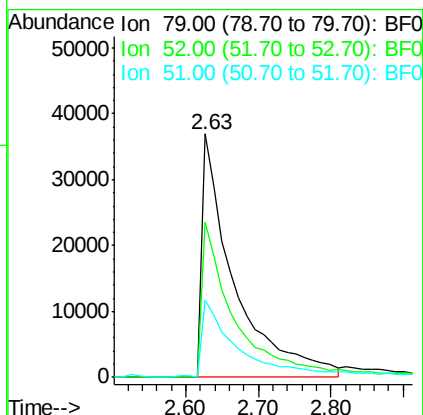
#3
 Pvridine
 Concen: 41.35 ng
 RT: 2.63 min Scan# 91
 Delta R.T. 0.06 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Tot Ion:	79	Resp:	113306
Ion	Ratio	Lower	Upper
79	100		
52	64.0	51.9	77.9
51	31.8	28.2	42.4

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MSD

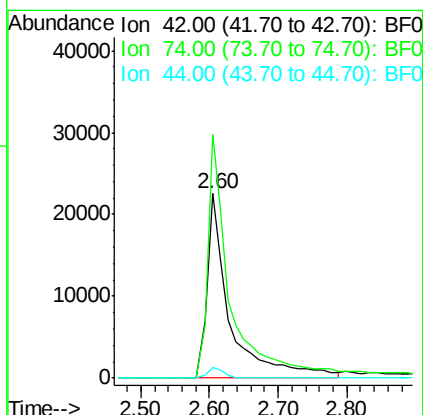
Manual Integrations

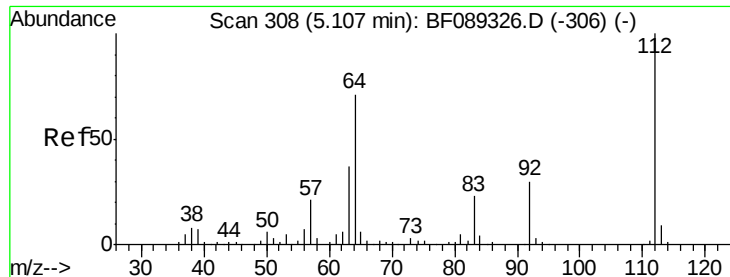
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#4
 n-Nitrosodimethylamine
 Concen: 46.60 ng
 RT: 2.60 min Scan# 89
 Delta R.T. 0.07 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Tgt Ion:	42	Resp:	52266
Ion	Ratio	Lower	Upper
42	100		
74	132.0	110.8	166.2
44	5.8	5.2	7.8





#5

2-Fluorophenol

Concen: 144.85 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

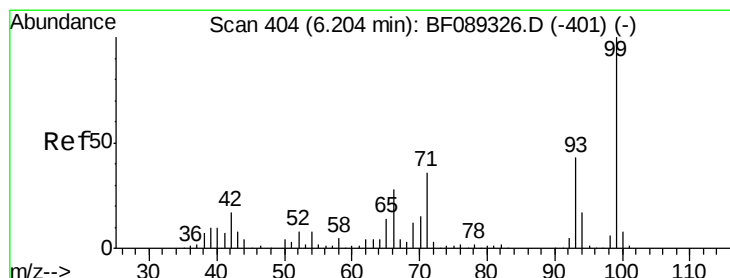
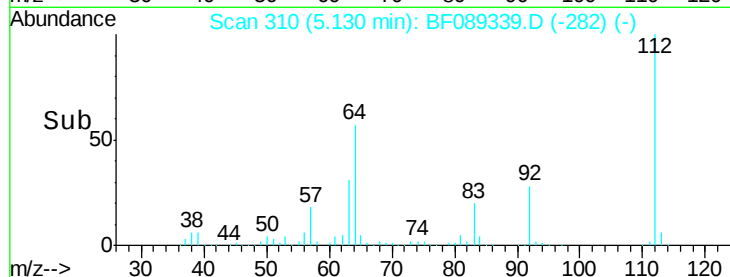
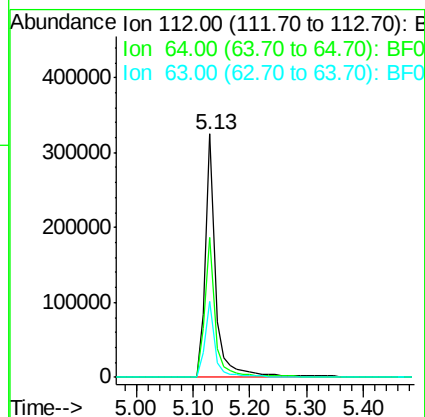
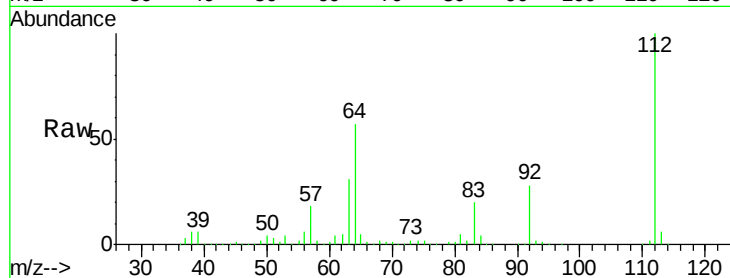
SB-34-6.5-7.5MSD

Tot Ion:	112	Resp:	405623
Ion Ratio	Lower	Upper	
112	100		
64	57.4	55.0	82.6
63	31.3	29.4	44.2

Manual Integrations

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#6

Aniline

Concen: 32.64 ng

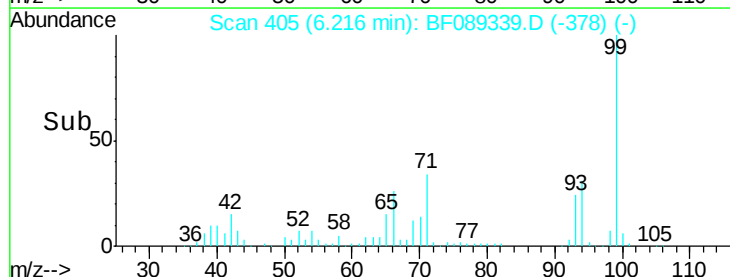
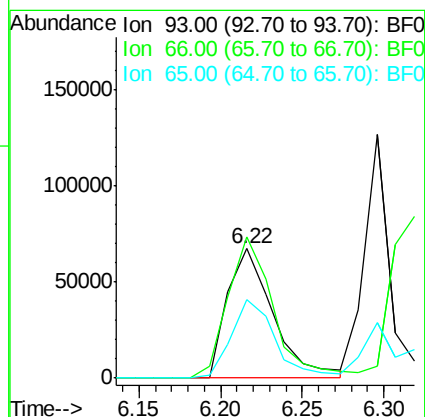
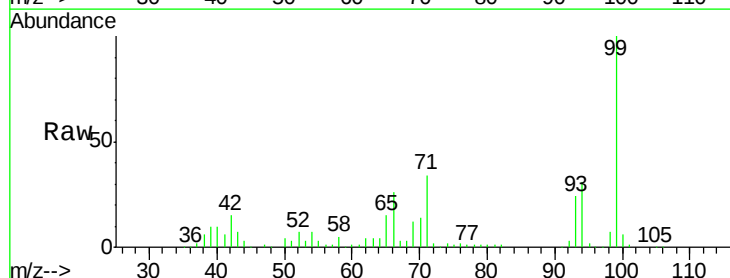
RT: 6.22 min Scan# 405

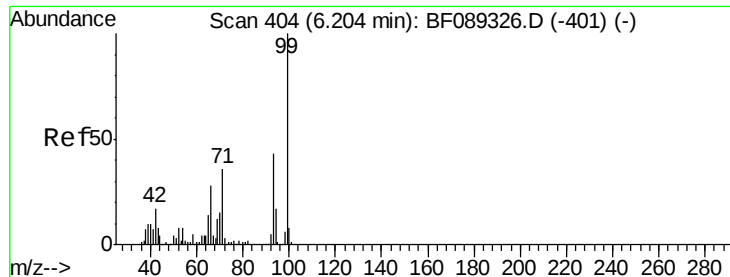
Delta R.T. 0.01 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Tgt Ion:	93	Resp:	130413
Ion Ratio	Lower	Upper	
93	100		
66	109.2	51.6	77.4#
65	60.5	24.7	37.1#





#7

Phenol-d6

Concen: 143.98 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

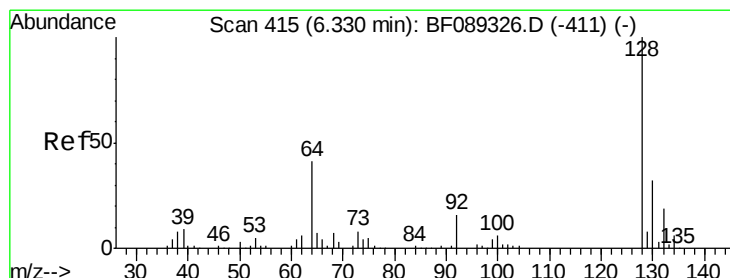
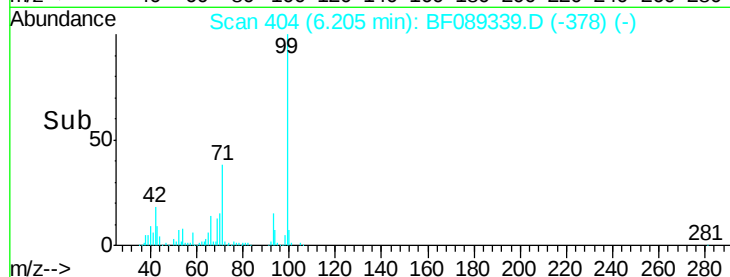
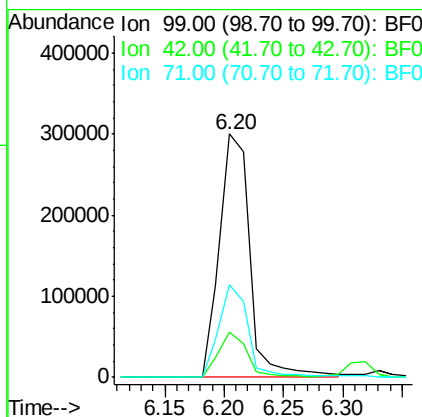
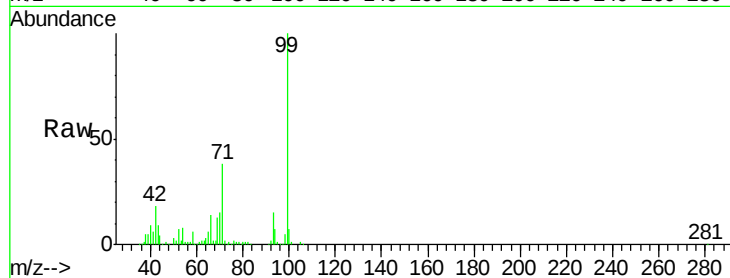
SB-34-6.5-7.5MSD

Tot Ion:	99	Resp:	532827
Ion Ratio	Lower	Upper	
99	100		
42	18.3	13.6	20.4
71	38.2	29.4	44.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 48.81 ng

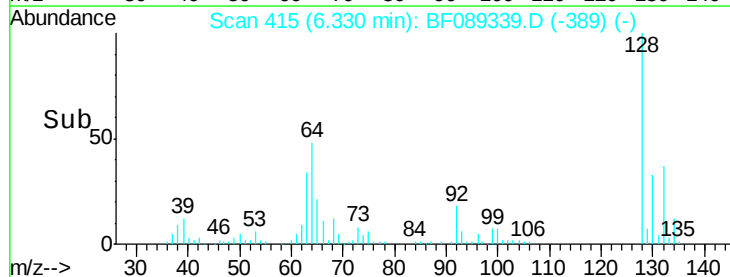
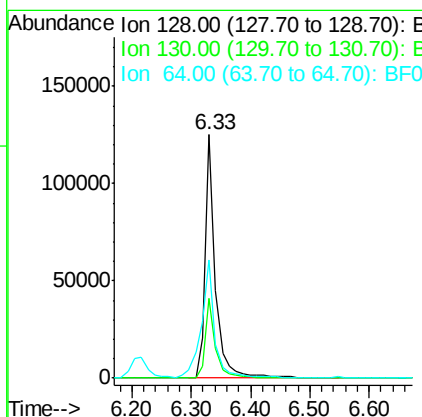
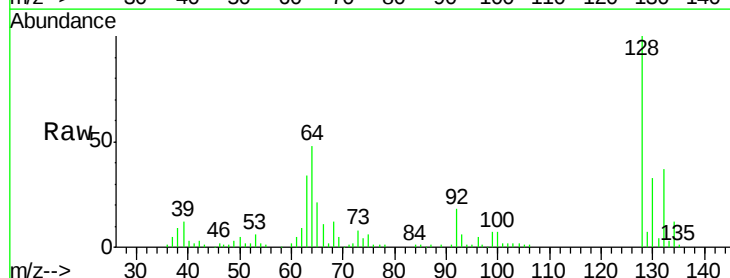
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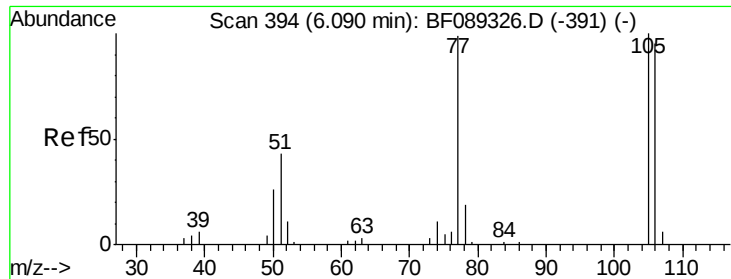
Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Tgt Ion:	128	Resp:	154609
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.6	52.6
64	48.3	22.1	62.1





#9

Benzaldehyde

Concen: 11.30 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089339.D

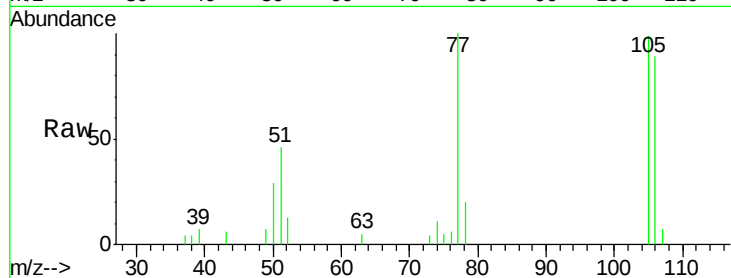
Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MSD



Tot Ion: 77 Resp: 20425

Ion Ratio Lower Upper

77 100

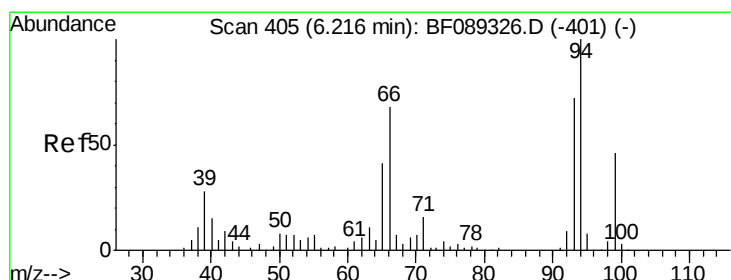
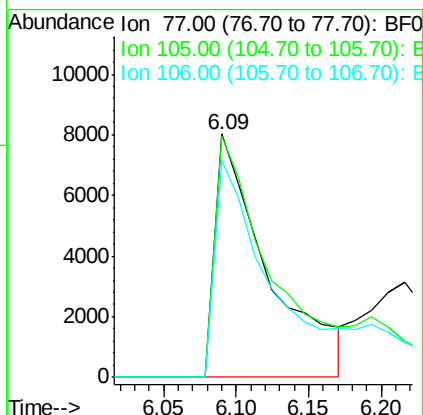
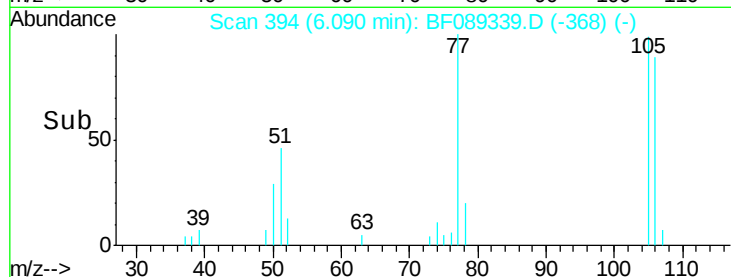
105 99.2 82.9 122.9

106 88.8 75.9 115.9

Manual Integrations

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#10

Phenol

Concen: 46.89 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

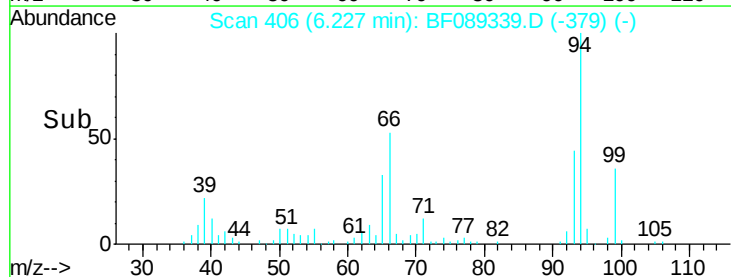
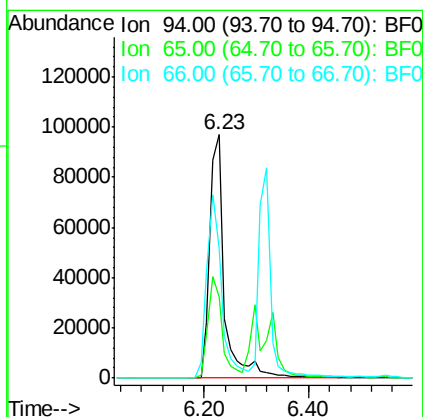
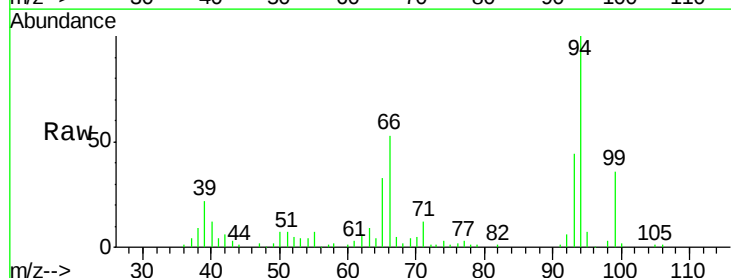
Tgt Ion: 94 Resp: 191484

Ion Ratio Lower Upper

94 100

65 33.1 19.1 59.1

66 53.1 44.4 84.4





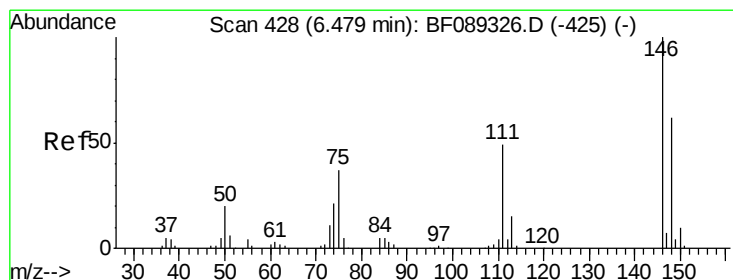
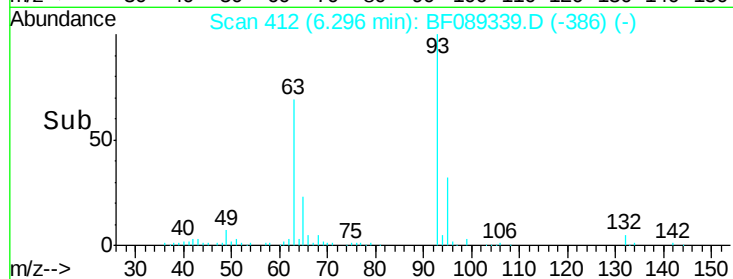
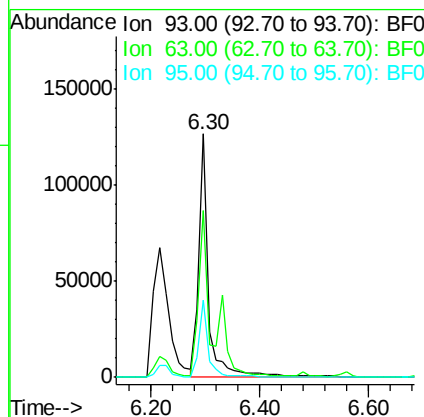
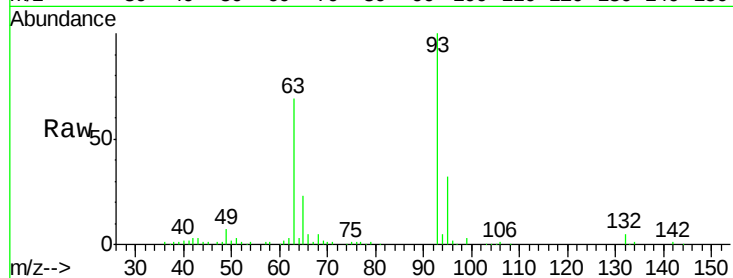
#11
bis(2-Chloroethyl)ether
Concen: 44.53 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion:	93	Resp:	154491
Ion	Ratio	Lower	Upper
93	100		
63	68.6	45.6	85.6
95	31.6	11.1	51.1

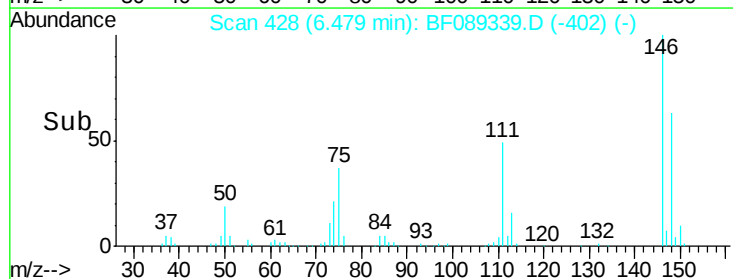
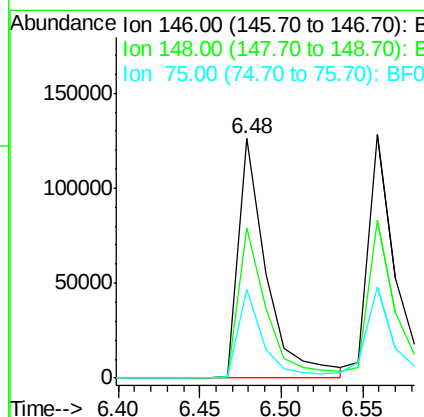
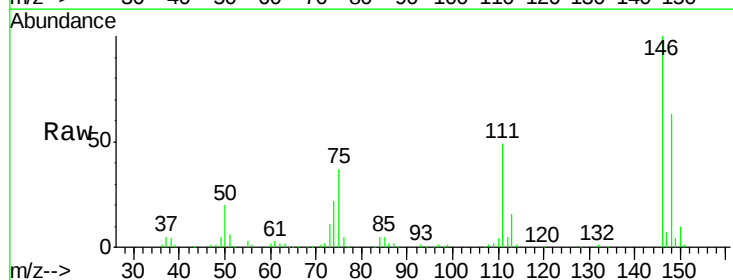
Manual Integrations

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#12
1,3-Dichlorobenzene
Concen: 45.39 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:	146	Resp:	150398
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.5	75.7
75	37.2	30.0	45.0





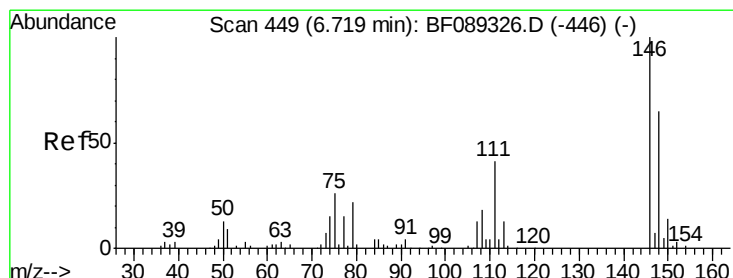
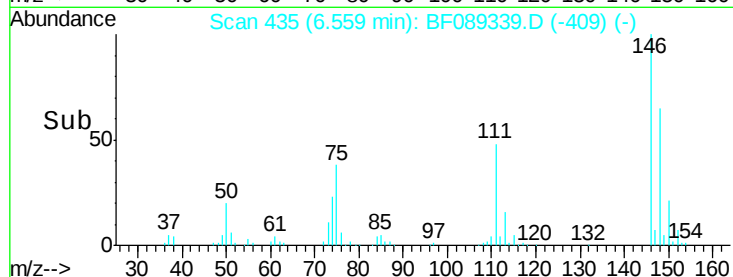
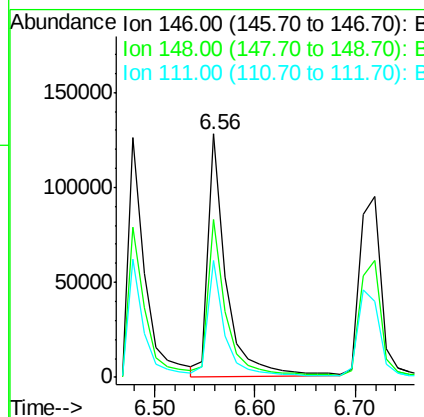
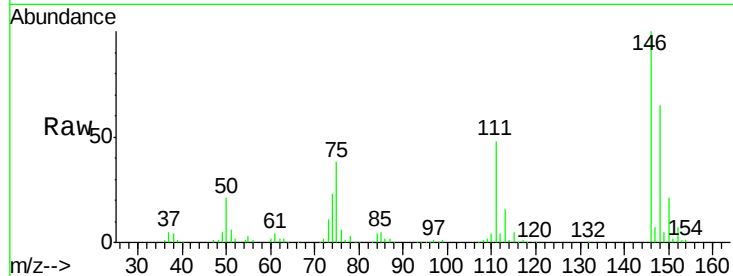
#13
 1,4-Dichlorobenzene
 Concen: 44.73 ng
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	48.2	38.6	57.8

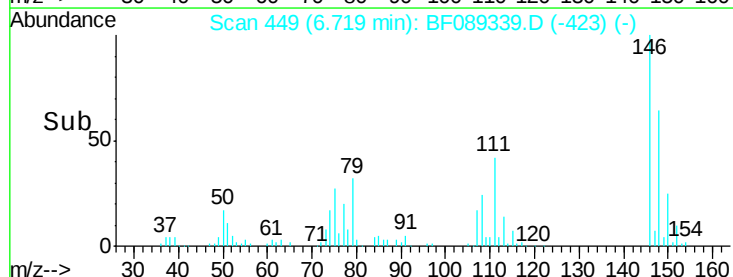
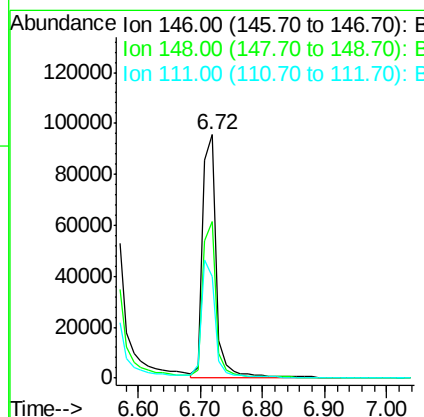
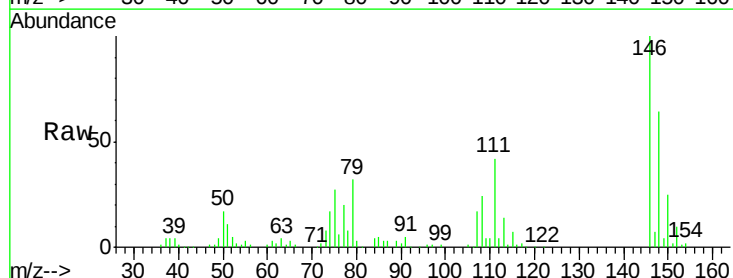
Manual Integrations

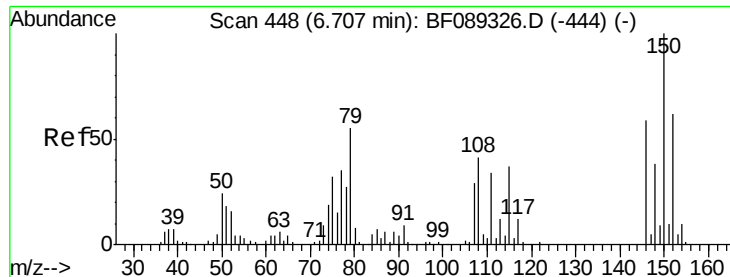
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#14
 1,2-Dichlorobenzene
 Concen: 42.86 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	41.7	33.0	49.4





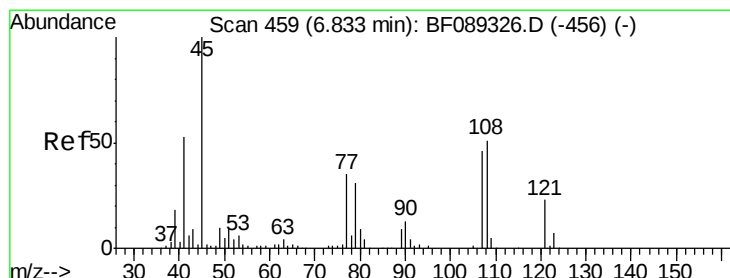
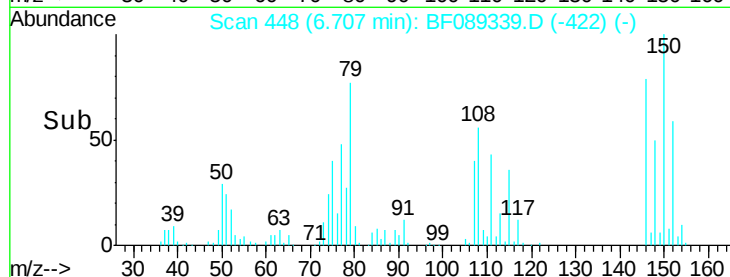
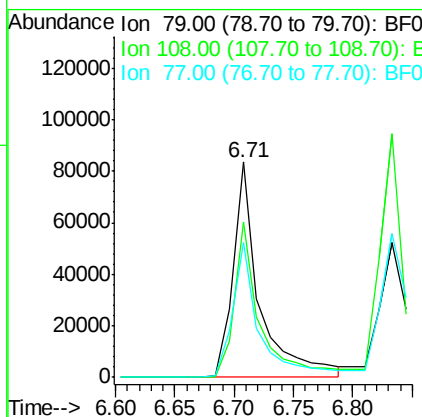
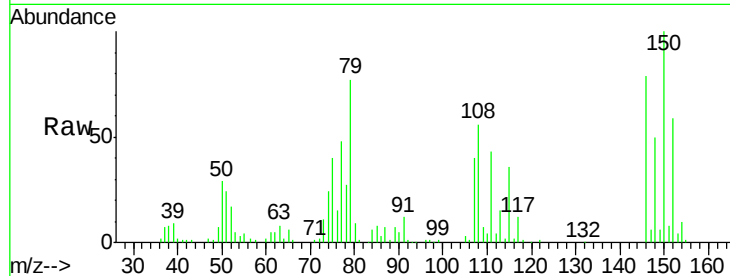
#15
Benzyl Alcohol
Concen: 56.50 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		129753		
108	72.4	59.8	89.6		
77	62.6	51.7	77.5		

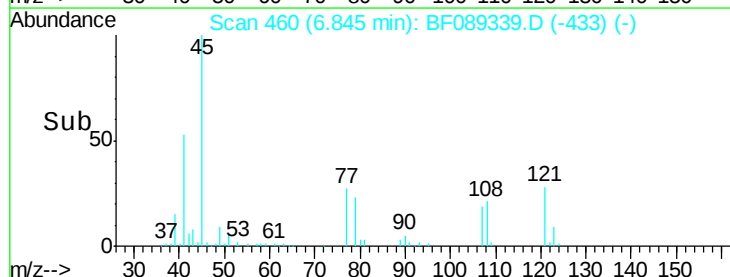
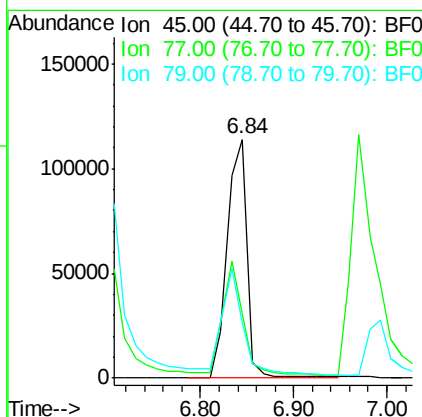
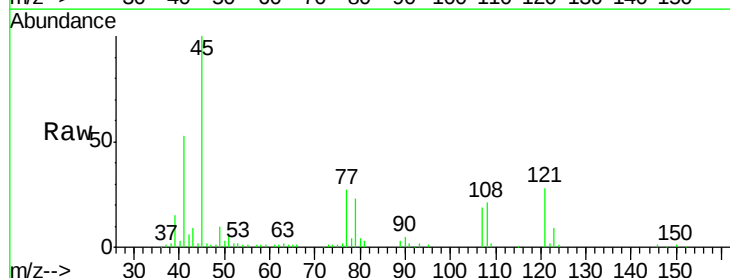
Manual Integrations

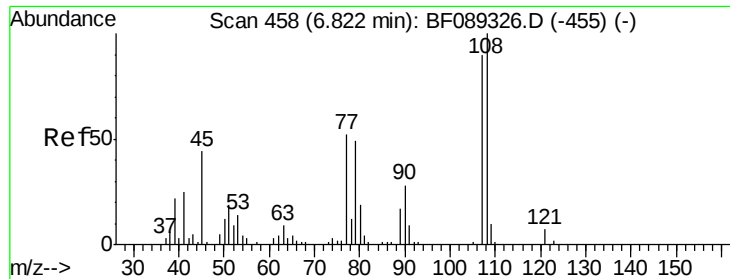
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.04 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		170468		
77	27.1	17.3	57.3		
79	23.0	13.9	53.9		





#17

2-Methylphenol

Concen: 48.30 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

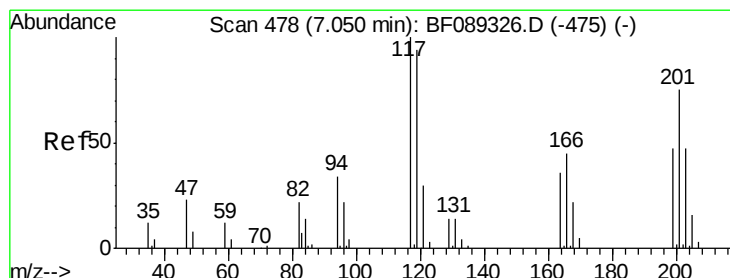
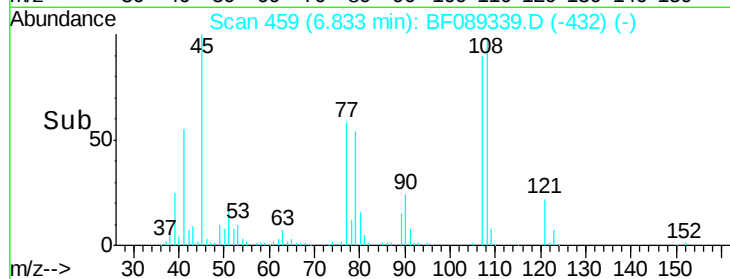
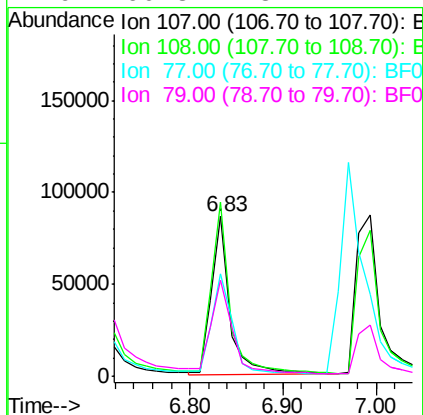
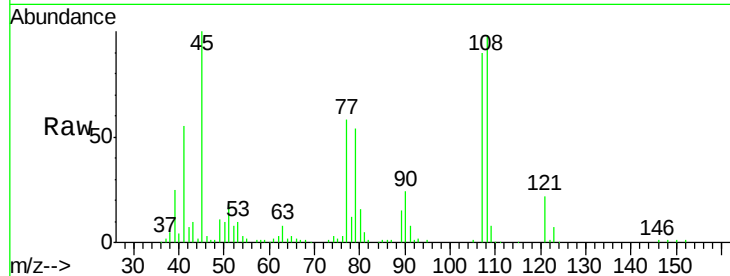
SB-34-6.5-7.5MSD

Tot Ion:	107	Resp:	118246
Ion Ratio	Lower	Upper	
107	100		
108	108.6	91.4	137.0
77	64.1	48.6	73.0
79	60.3	48.2	72.4

Manual Integrations

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#18

Hexachloroethane

Concen: 44.09 ng

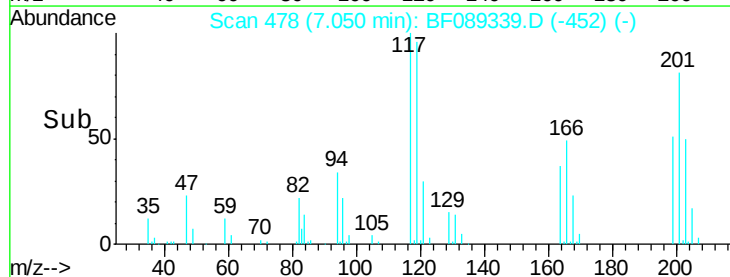
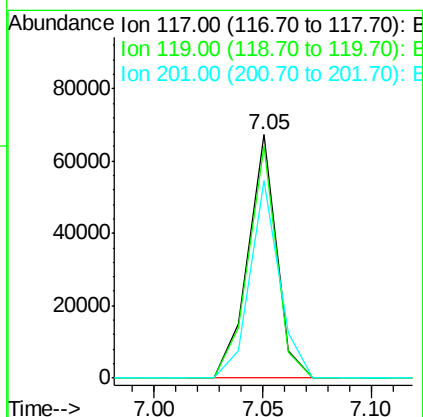
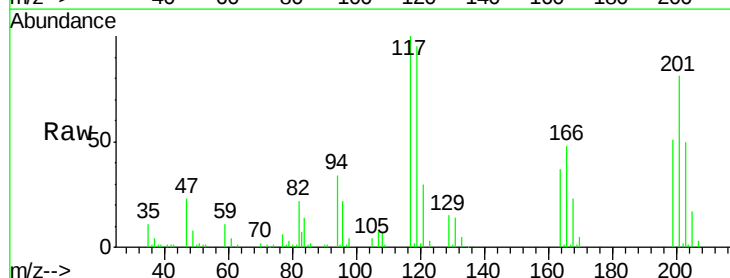
RT: 7.05 min Scan# 478

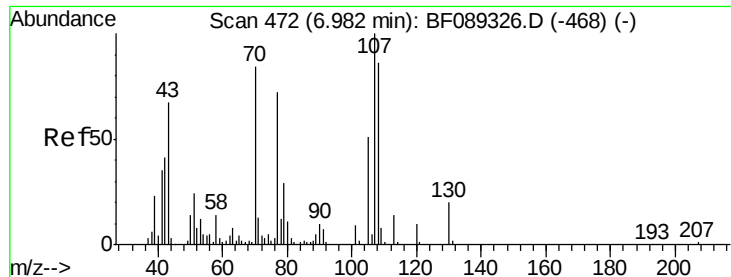
Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Tgt Ion:	117	Resp:	61816
Ion Ratio	Lower	Upper	
117	100		
119	95.1	76.0	114.0
201	81.0	60.0	90.0





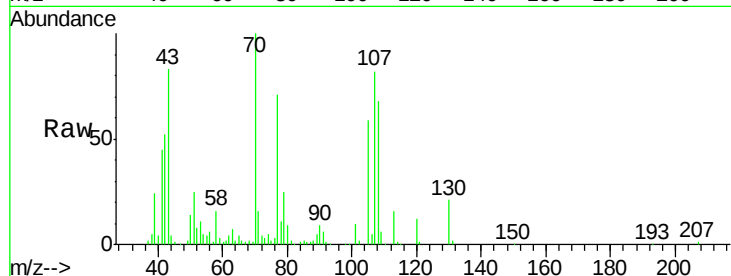
#19
n-Nitroso-di-n-propylamine
Concen: 52.75 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.0	38.6	57.8	
101	9.6	8.3	12.5	
130	20.8	19.0	28.4	

Manual Integrations

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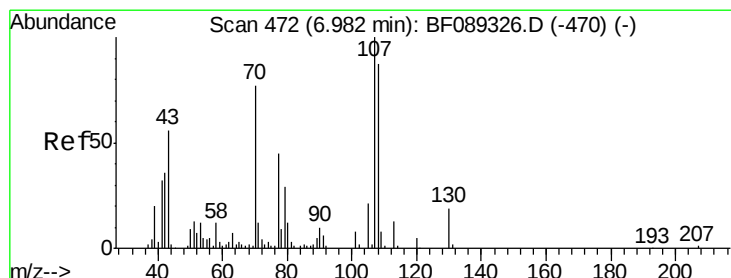
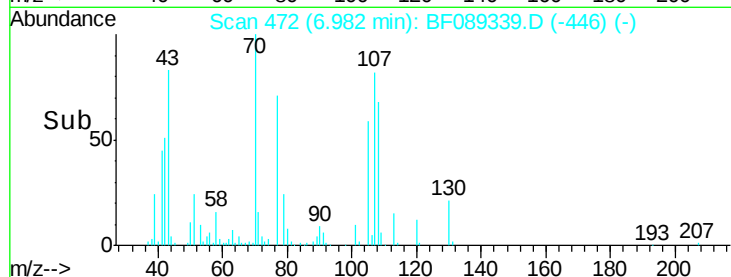
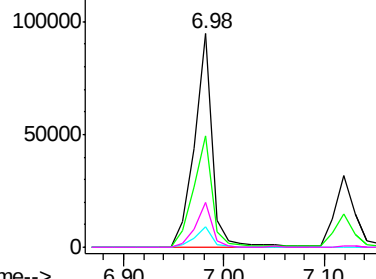
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 50.31 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	63.3	103.3	
77	50.9	51.1	91.1#	
79	31.6	9.3	49.3	

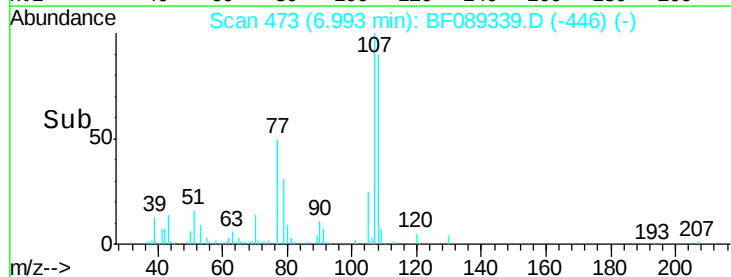
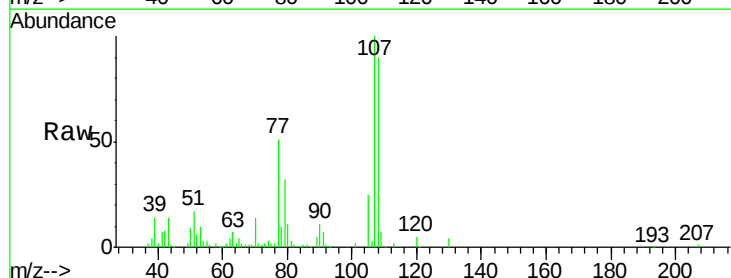
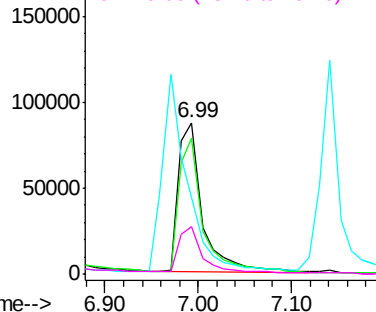
Abundance

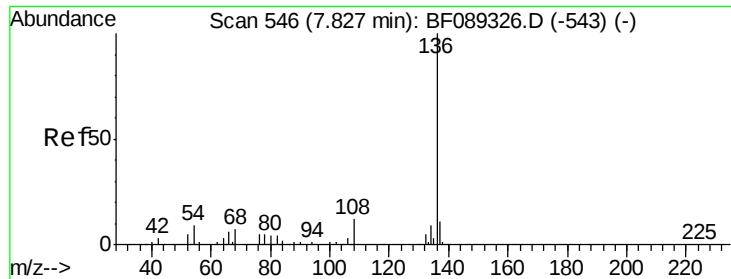
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

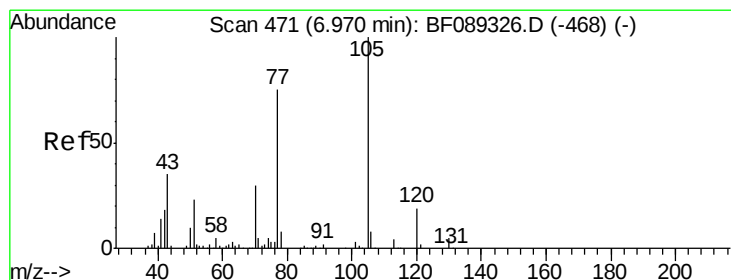
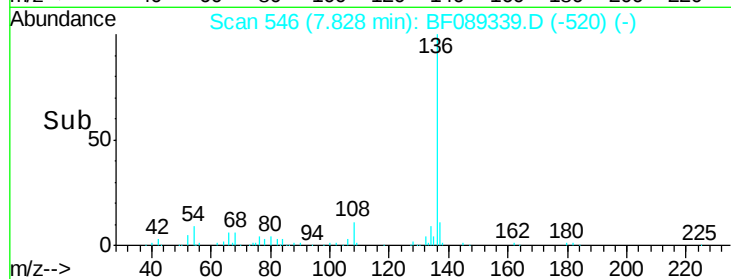
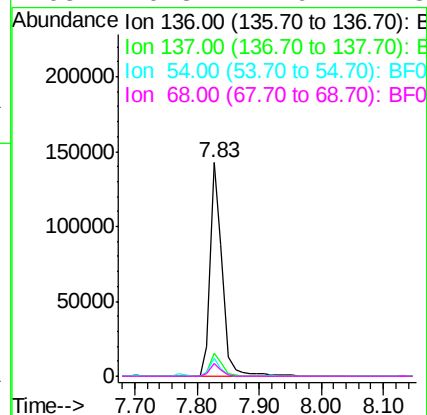
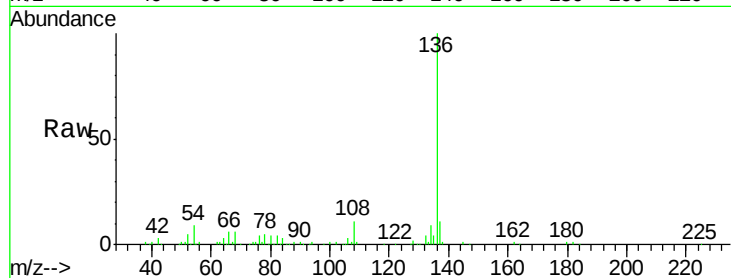
SB-34-6.5-7.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		192602		
137	11.0	8.6	13.0		
54	8.6	7.0	10.4		
68	6.3	4.9	7.3		

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#22

Acetophenone

Concen: 48.75 ng

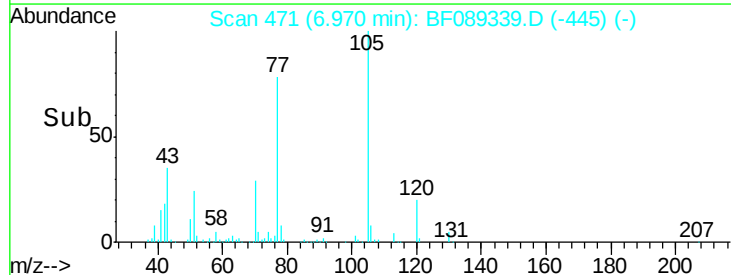
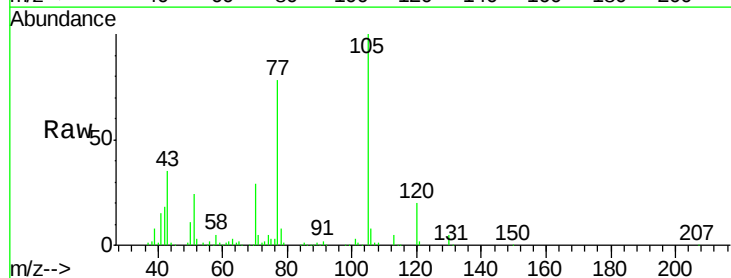
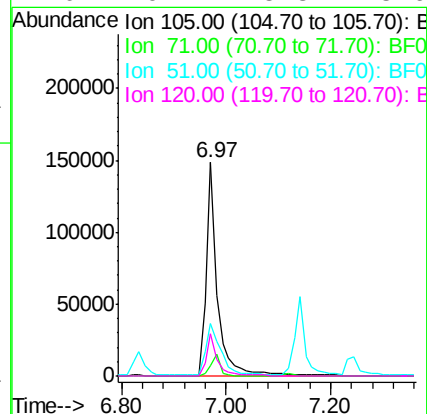
RT: 6.97 min Scan# 471

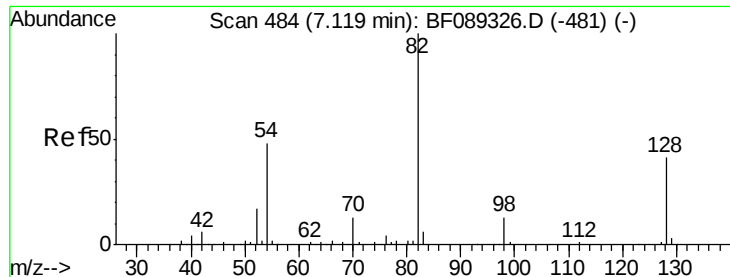
Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		223519		
71	4.9	4.2	6.2		
51	24.5	18.7	28.1		
120	19.7	15.8	23.6		





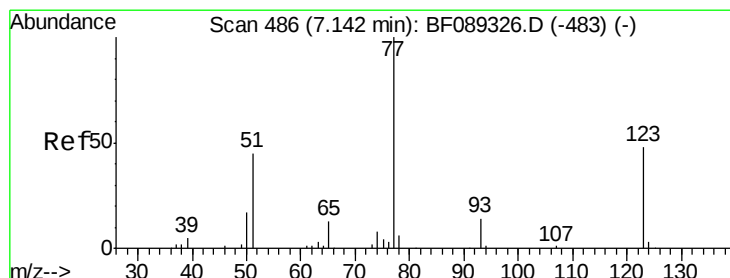
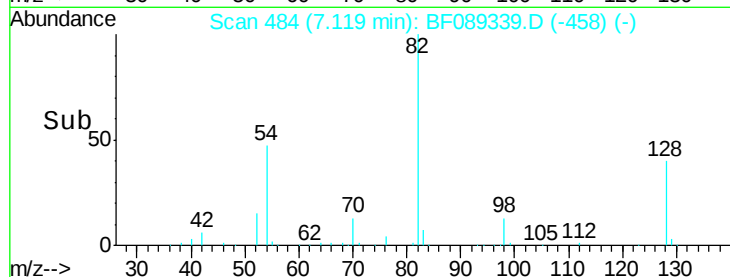
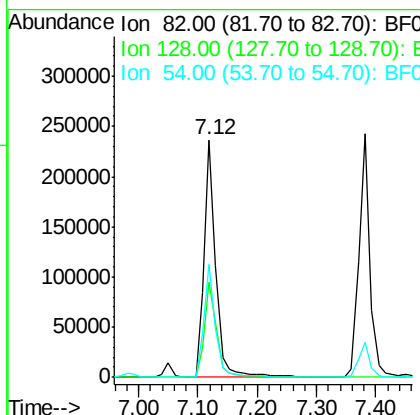
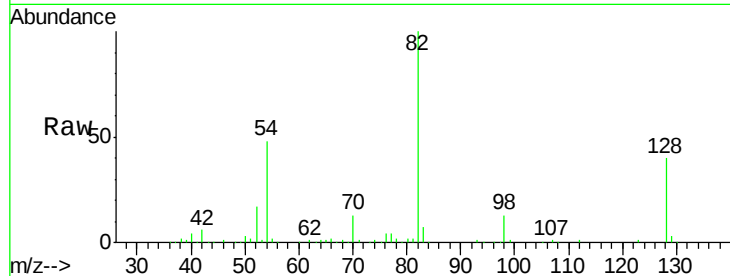
#23
Nitrobenzene-d5
Concen: 103.23 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.5	48.7
54	47.7	38.8	58.2

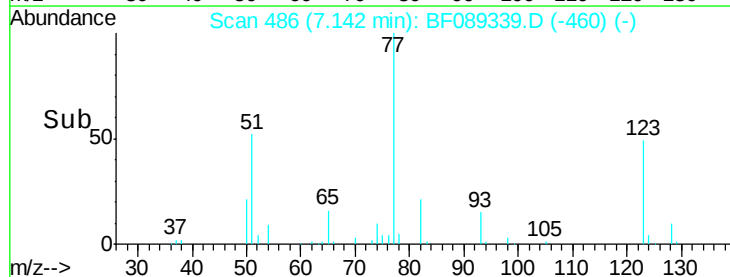
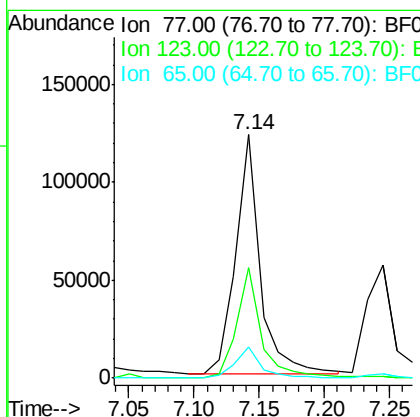
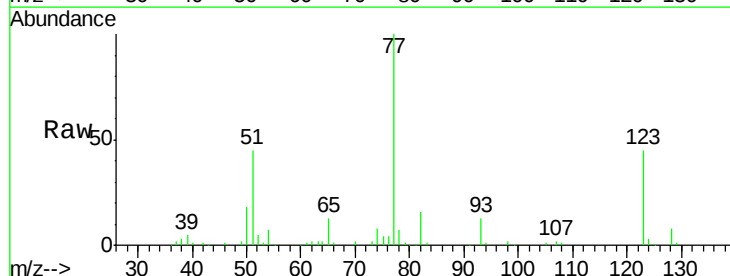
Manual Integrations

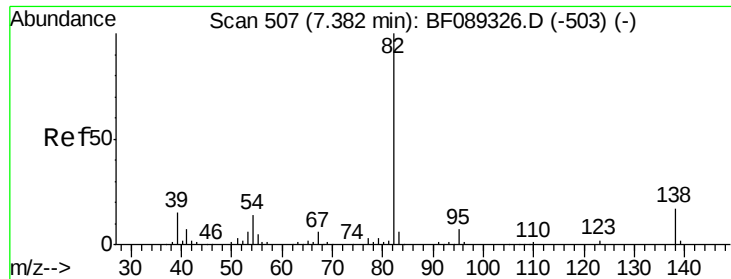
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#24
Nitrobenzene
Concen: 42.82 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	37.2	55.8
65	12.6	10.2	15.4





#25

Isophorone

Concen: 47.14 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MSD

Tot Ion: 82 Resp: 309876

Ion Ratio Lower Upper

82 100

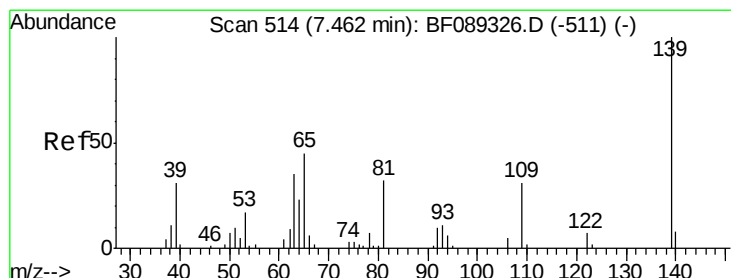
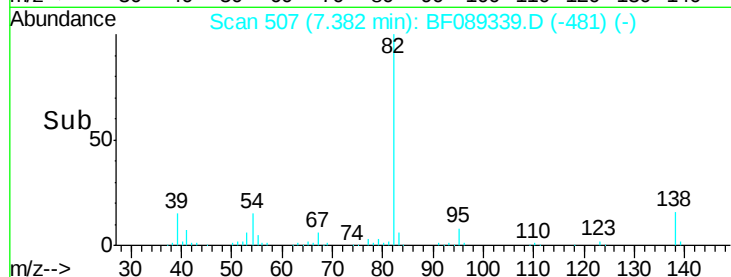
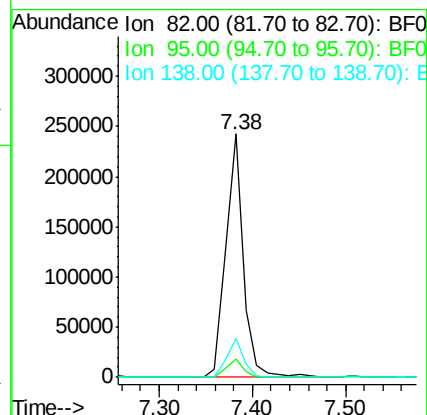
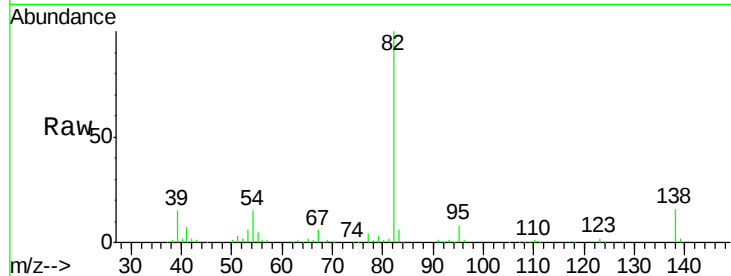
95 7.7 6.0 9.0

138 15.9 13.3 19.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.41 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

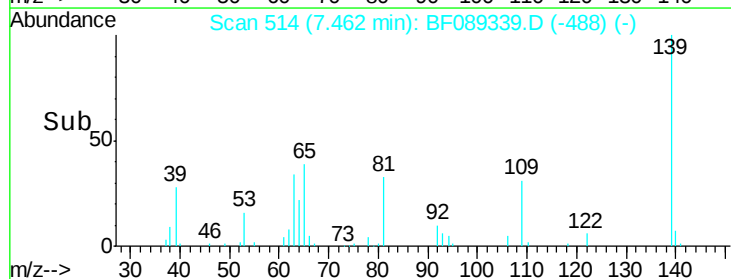
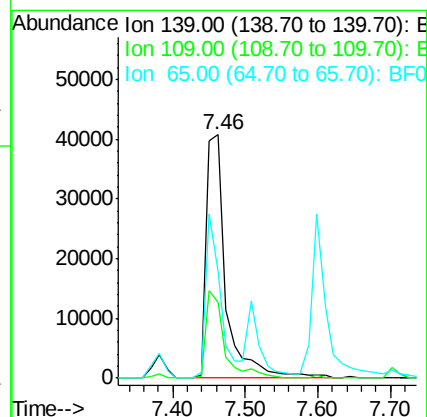
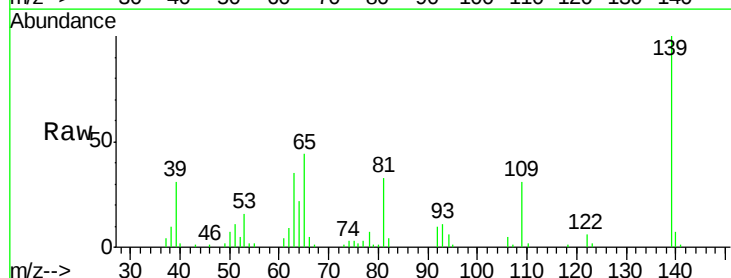
Tgt Ion: 139 Resp: 77057

Ion Ratio Lower Upper

139 100

109 31.0 25.8 38.8

65 43.9 35.2 52.8





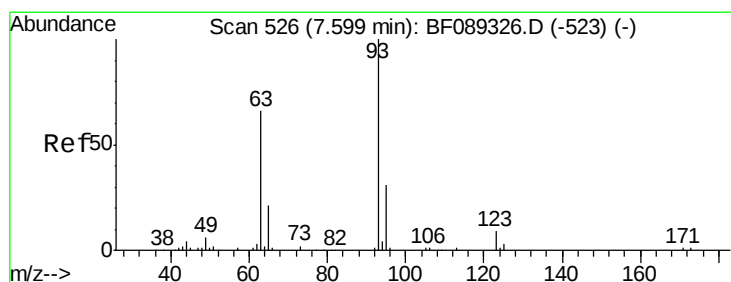
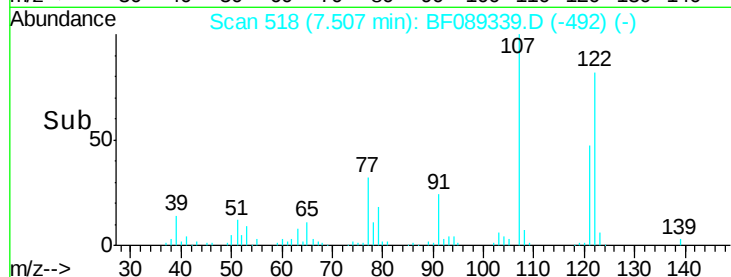
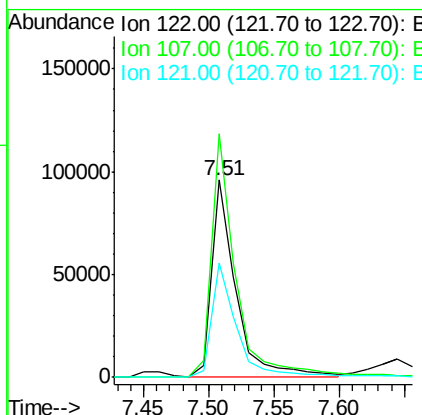
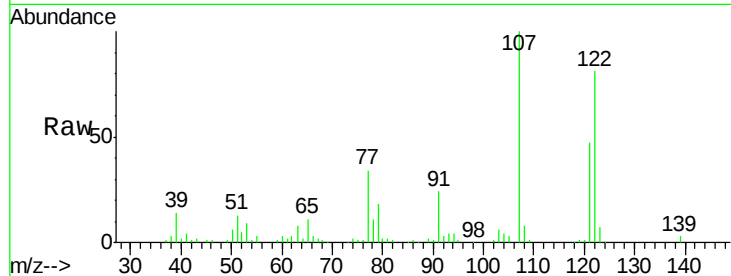
#27
 2,4-Dimethylphenol
 Concen: 47.91 ng
 RT: 7.51 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		126719		
107	123.3	97.2	145.8		
121	58.2	48.8	73.2		

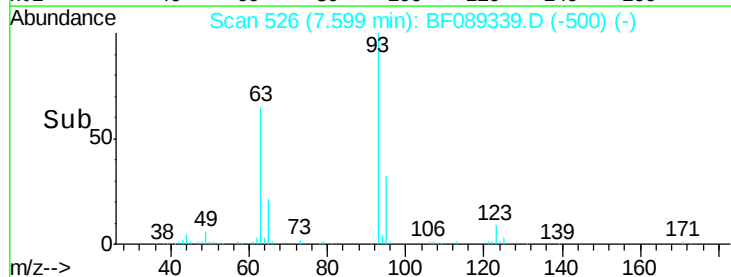
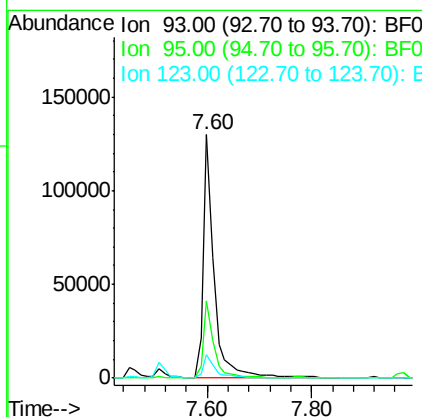
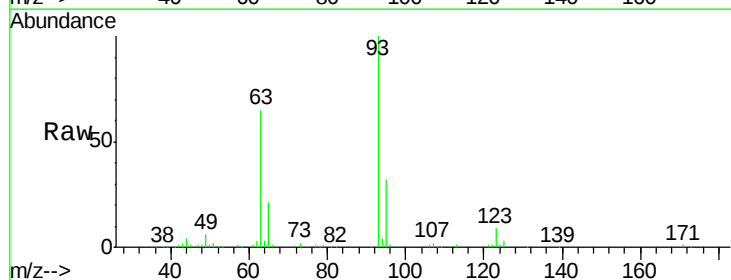
Manual Integrations

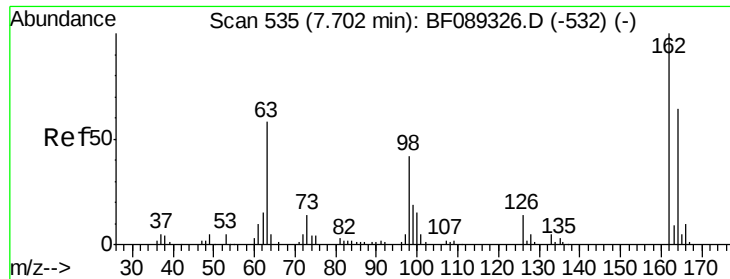
sohil
 7/28/2016 4:56:29 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.98 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		185491		
95	31.6	24.7	37.1		
123	9.5	7.5	11.3		





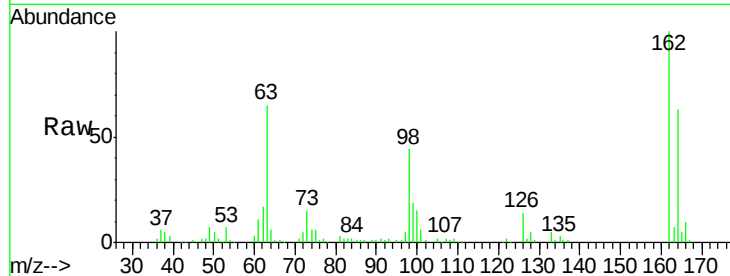
#29
2,4-Dichlorophenol
Concen: 53.31 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

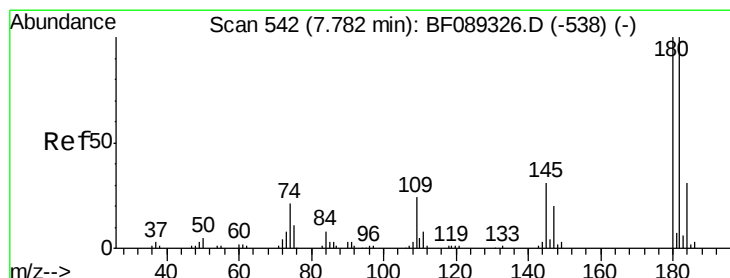
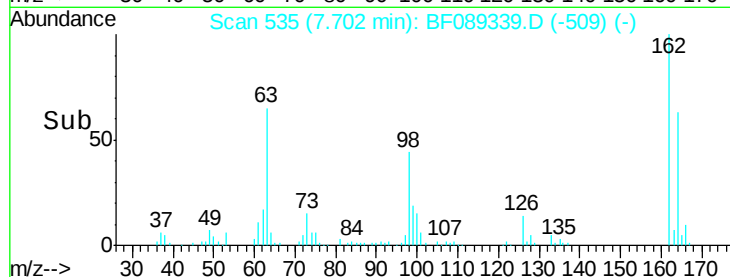
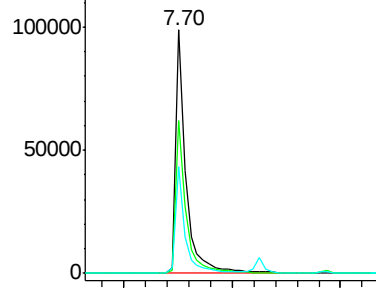
Tot Ion:	162	Resp:	128494
Ion Ratio	Lower	Upper	
162	100		
164	63.0	44.0	84.0
98	43.8	21.8	61.8

Manual Integrations

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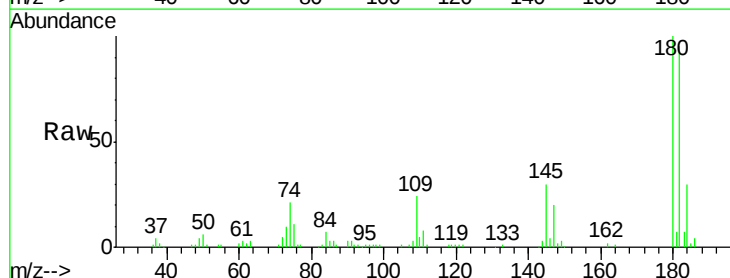


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

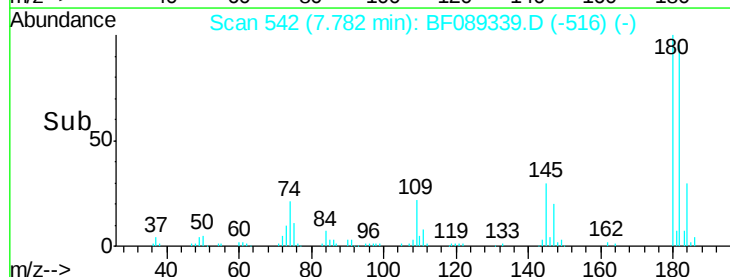
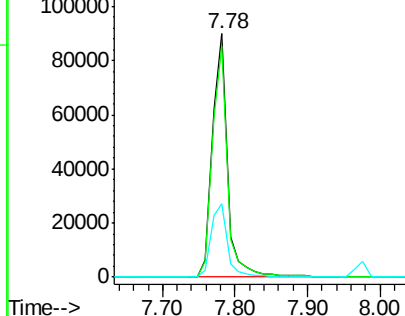


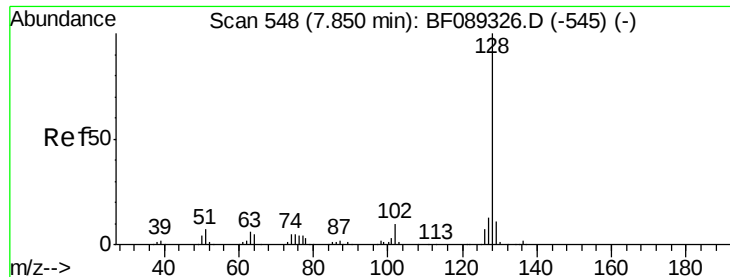
#30
1,2,4-Trichlorobenzene
Concen: 47.35 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:	180	Resp:	130224
Ion Ratio	Lower	Upper	
180	100		
182	94.7	78.2	117.2
145	30.3	24.6	36.8



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





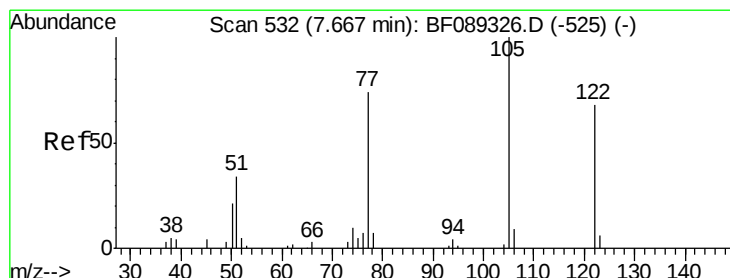
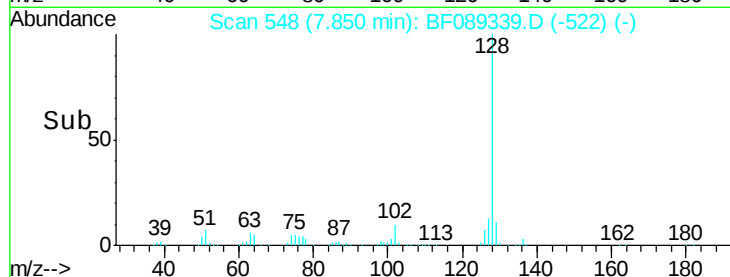
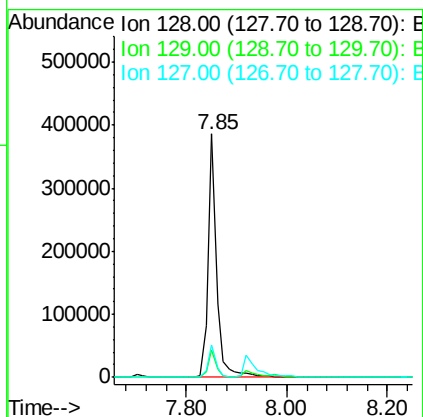
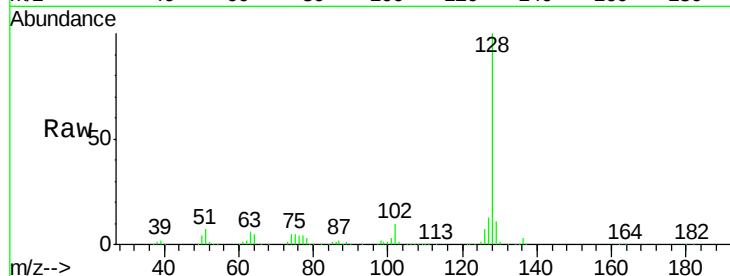
#31
Naphthalene
Concen: 48.16 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.8	16.2

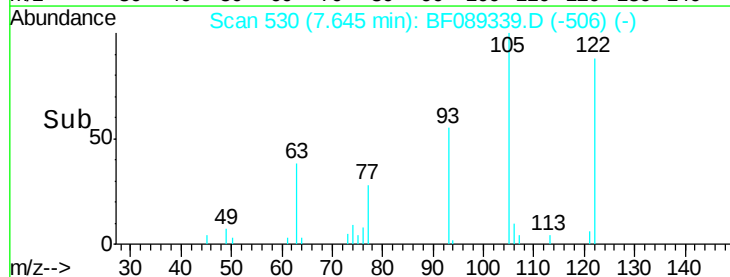
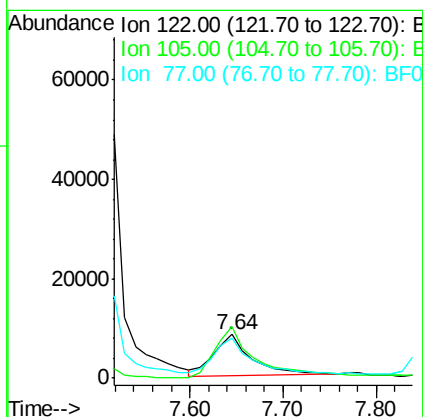
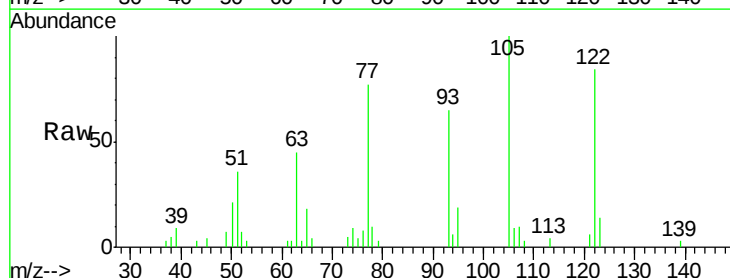
Manual Integrations

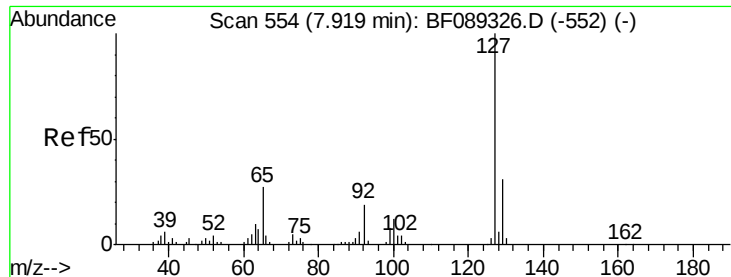
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#32
Benzoic acid
Concen: 12.48 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.9	106.4	146.4
77	91.9	76.4	116.4





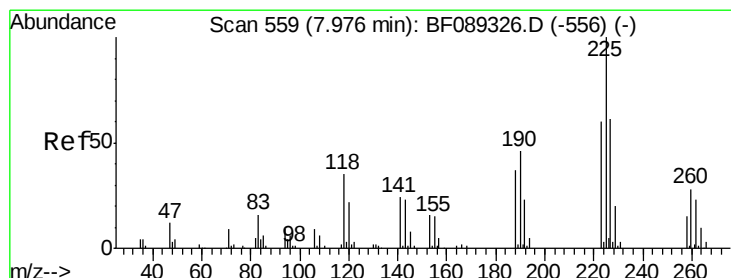
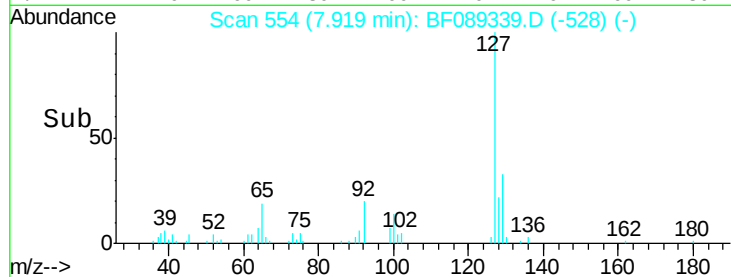
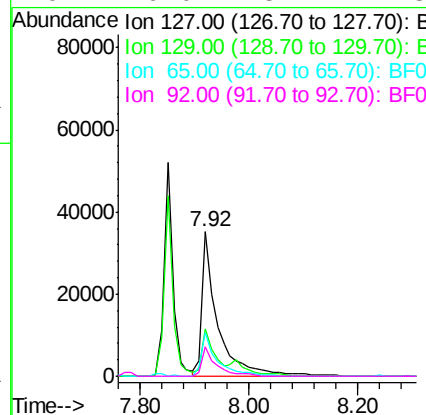
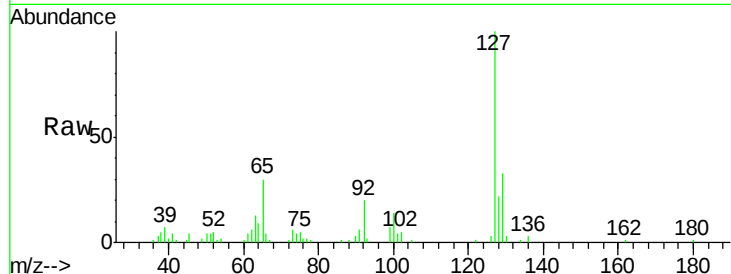
#33
4-Chloroaniline
Concen: 19.51 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		70835		
129	32.7	26.1	39.1		
65	29.9	22.0	33.0		
92	20.0	15.2	22.8		

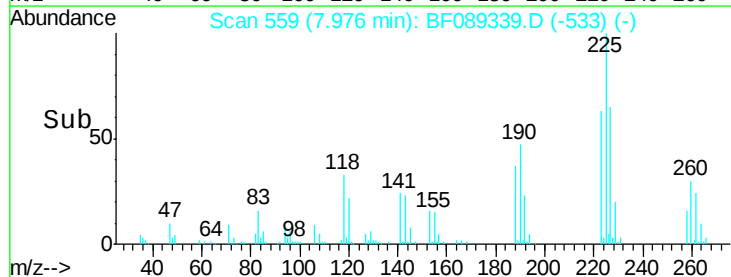
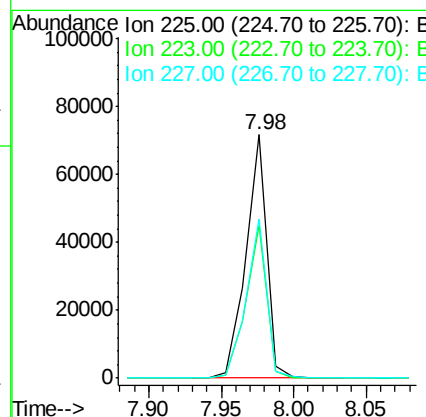
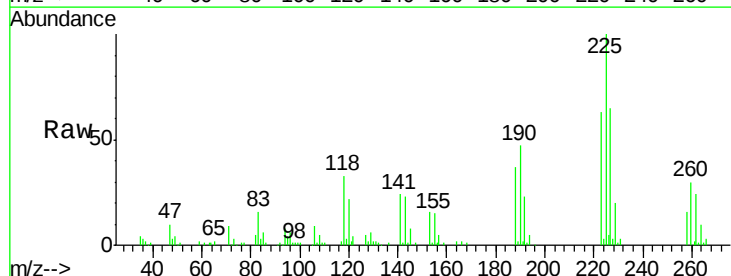
Manual Integrations

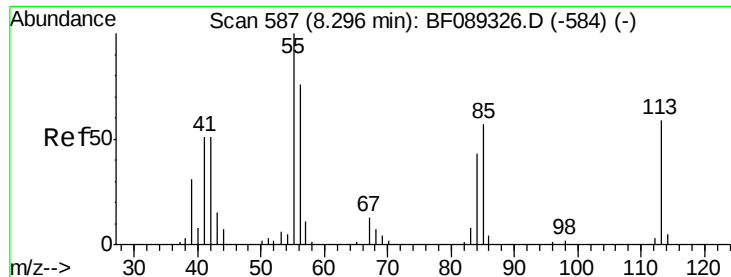
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#34
Hexachlorobutadiene
Concen: 45.35 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		71421		
223	62.7	49.8	74.8		
227	65.3	49.4	74.2		





#35

Caprolactam

Concen: 49.17 ng/mL

RT: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF089339.D

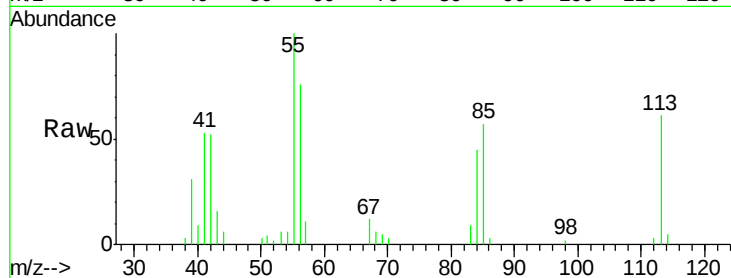
Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MSD



Tot Ion:113 Resp: 35768

Ion Ratio Lower Upper

113 100

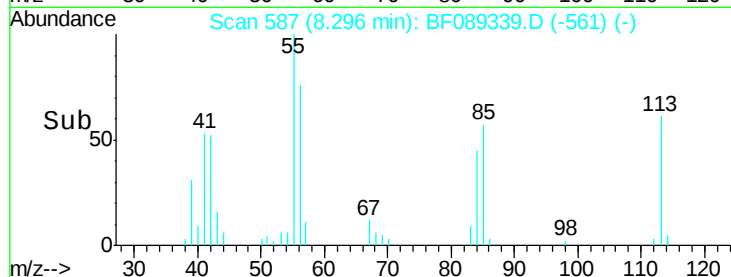
55 164.2 142.3 182.3

56 124.8 105.8 145.8

Manual Integrations

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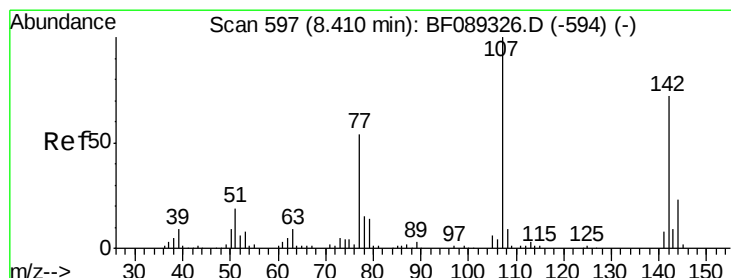
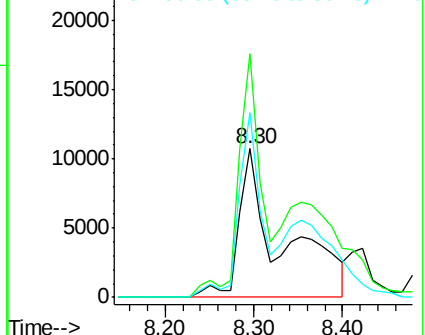
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 51.68 ng/mL

RT: 8.42 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

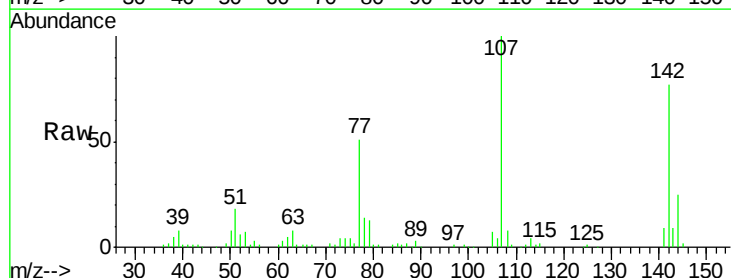
Tgt Ion:107 Resp: 148046

Ion Ratio Lower Upper

107 100

144 25.0 18.4 27.6

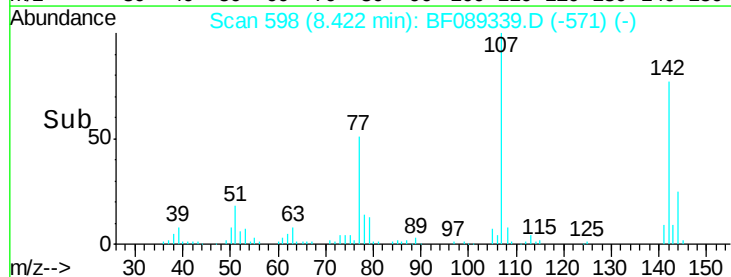
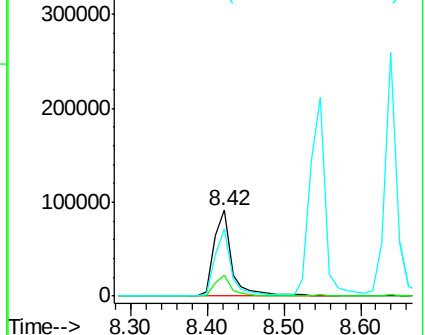
142 77.2 58.6 87.8

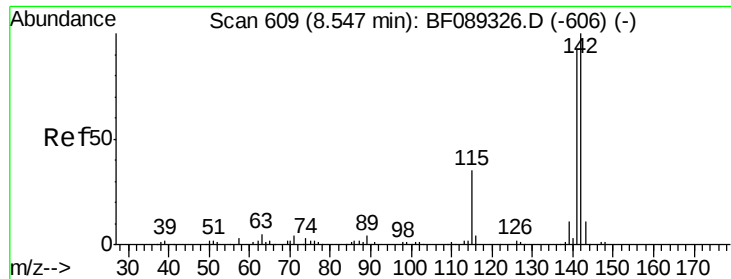


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





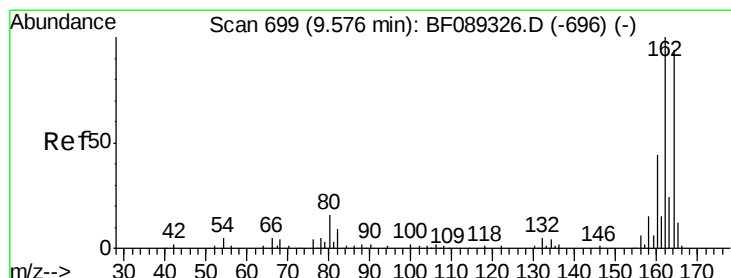
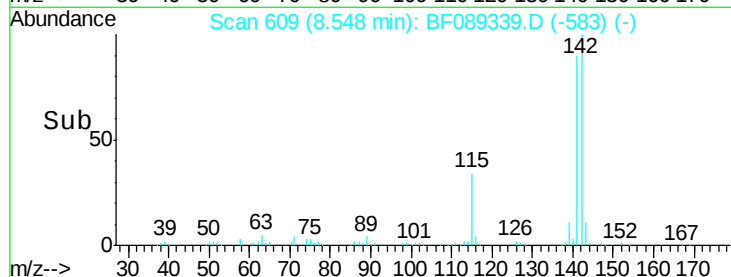
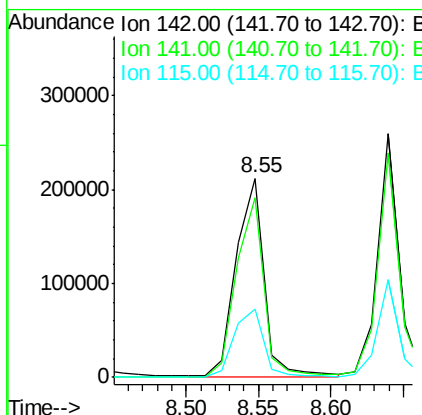
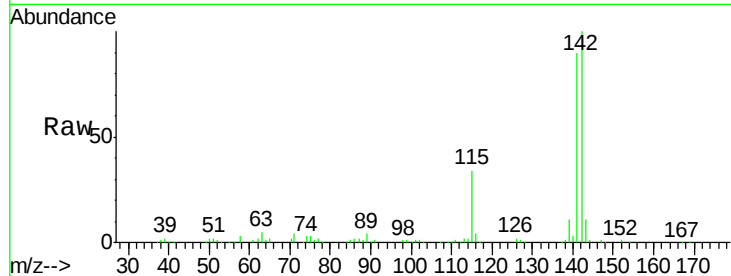
#37
2-Methylnaphthalene
Concen: 49.76 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		285973		
141	90.1	70.9	106.3		
115	34.3	27.6	41.4		

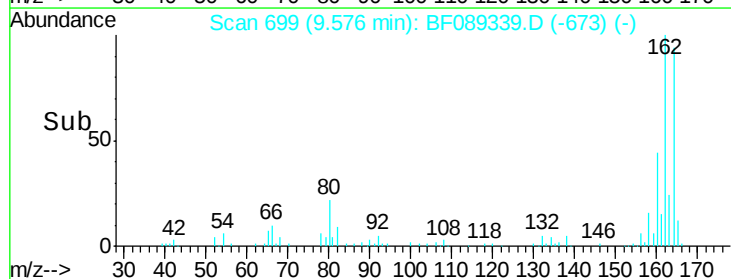
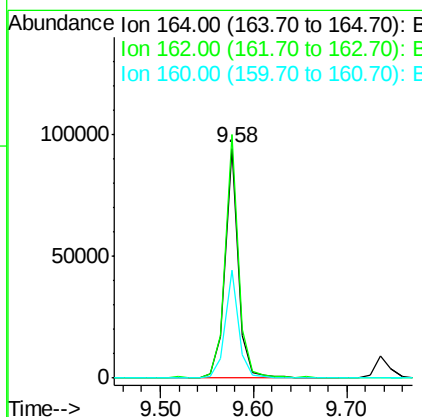
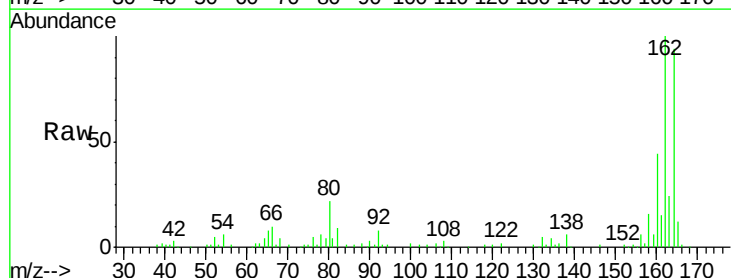
Manual Integrations

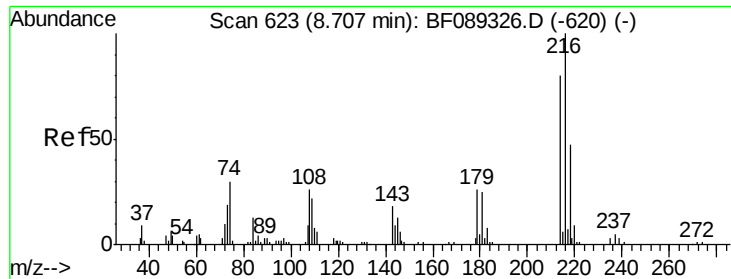
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		93393		
162	105.9	83.7	125.5		
160	46.7	37.8	56.6		





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.50 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

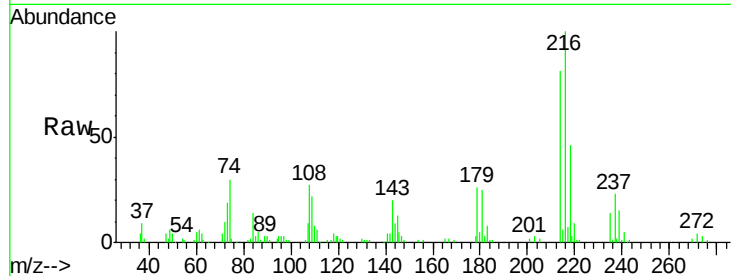
ClientSampleId :

SB-34-6.5-7.5MSD

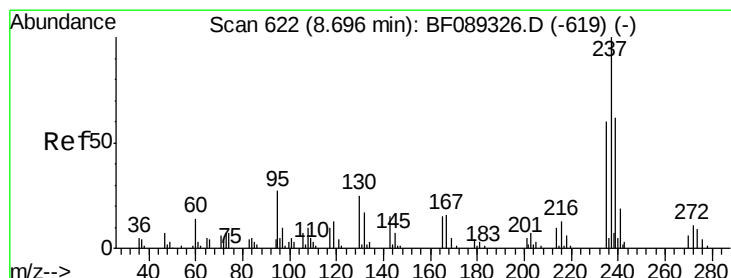
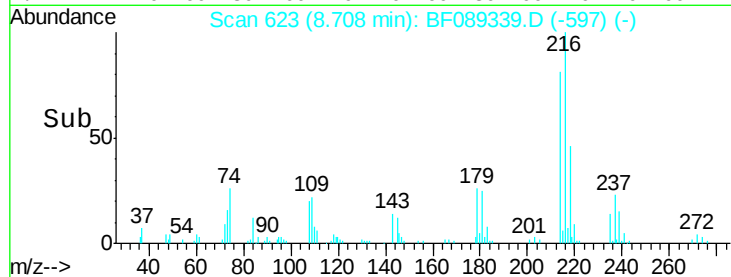
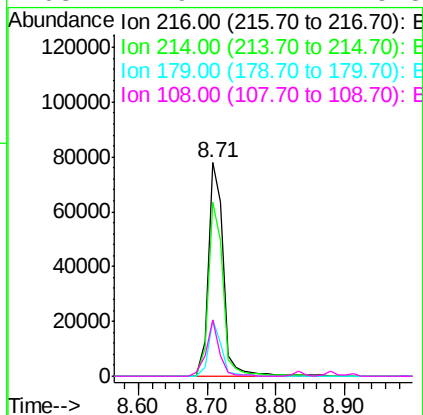
Manual Integrations

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Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.3	94.9
179	22.5	18.1	27.1
108	22.9	17.2	25.8



#40

Hexachlorocyclopentadiene

Concen: 97.62 ng

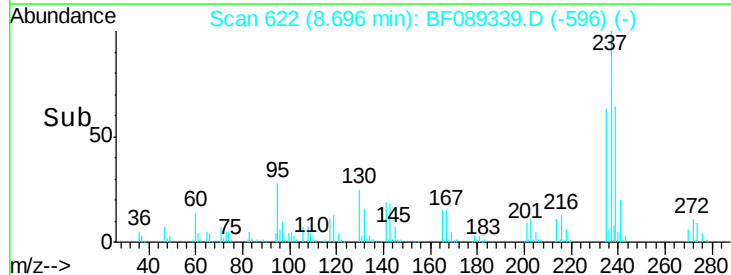
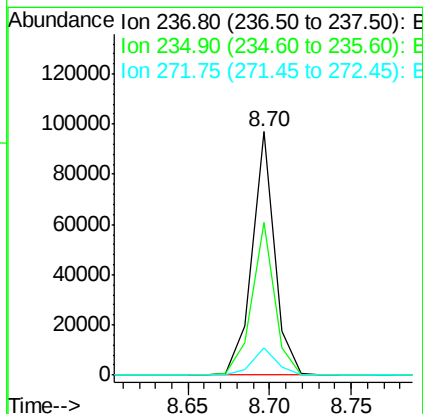
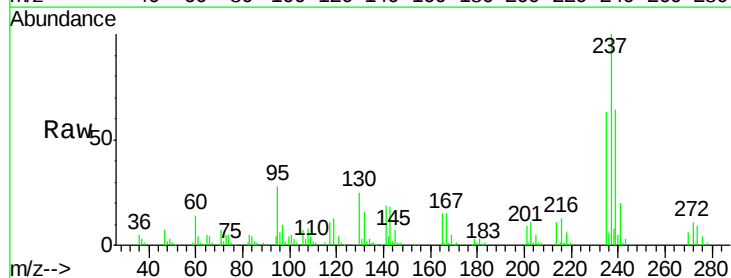
RT: 8.70 min Scan# 622

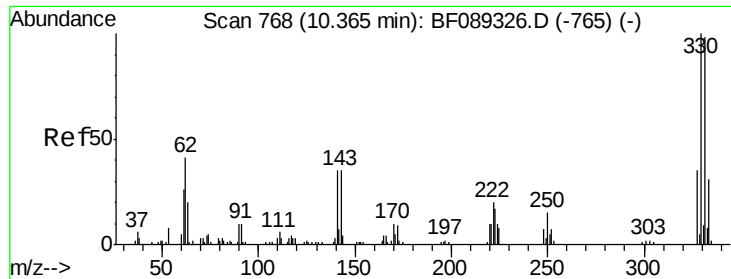
Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.7	41.6	81.6
272	11.4	0.0	30.8





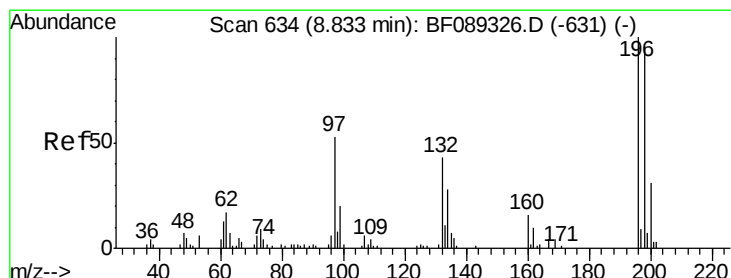
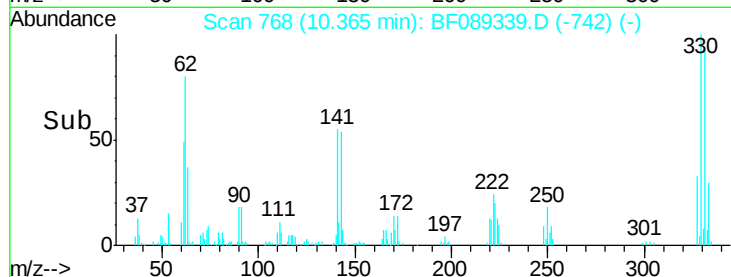
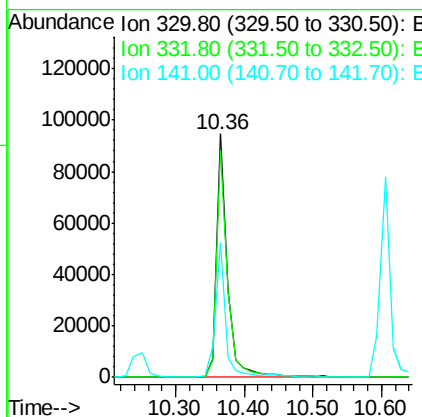
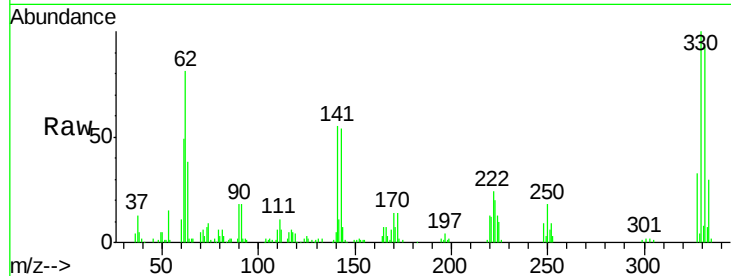
#41
 2,4,6-Tribromophenol
 Concen: 138.89 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	53.8	37.3	55.9

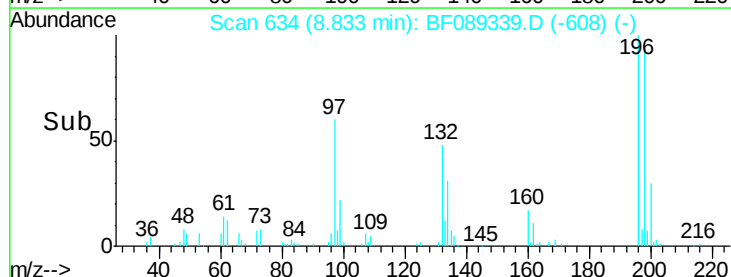
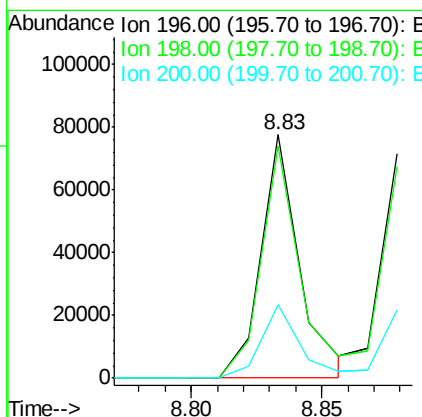
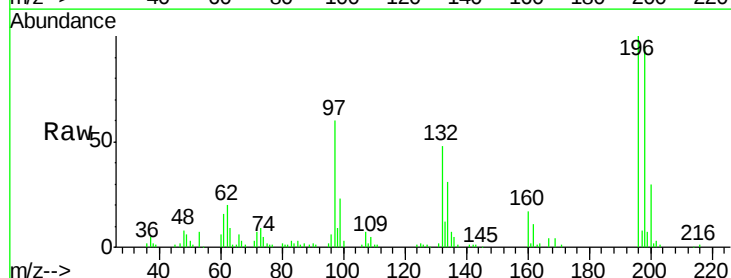
Manual Integrations

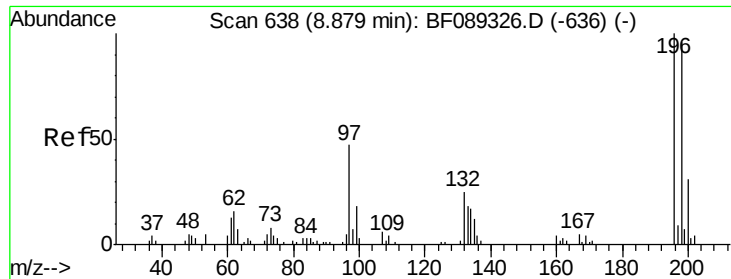
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#42
 2,4,6-Trichlorophenol
 Concen: 50.98 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

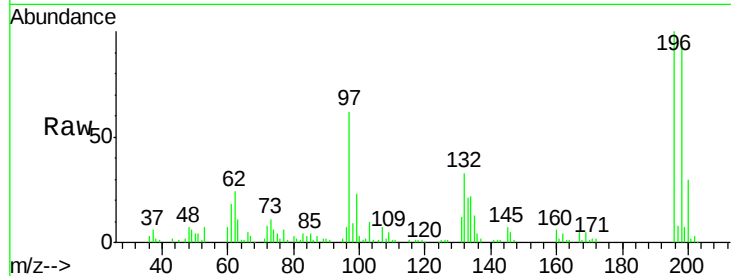
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.5	113.3
200	30.1	23.9	35.9





#43
 2,4,5-Trichlorophenol
 Concen: 48.03 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

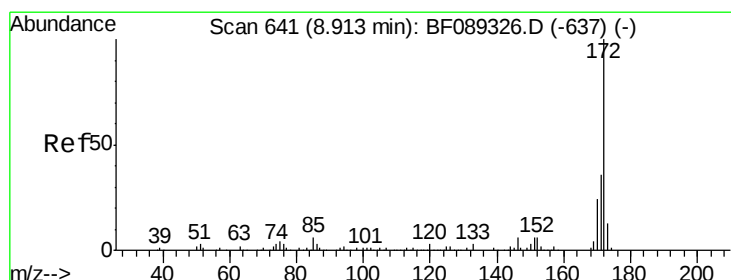
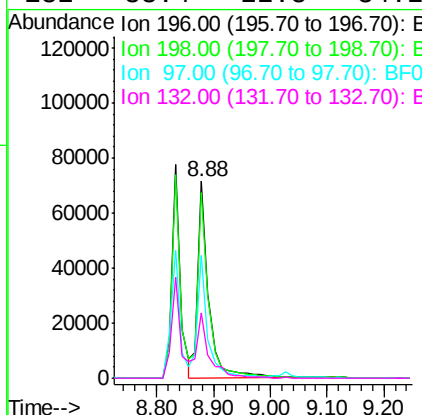
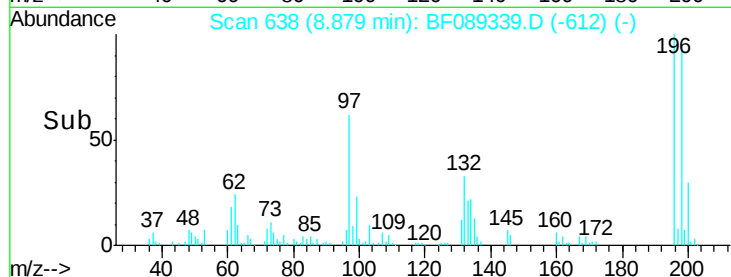
Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MSD



Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	78.7	118.1
97	62.1	39.7	59.5
132	33.4	22.8	34.2

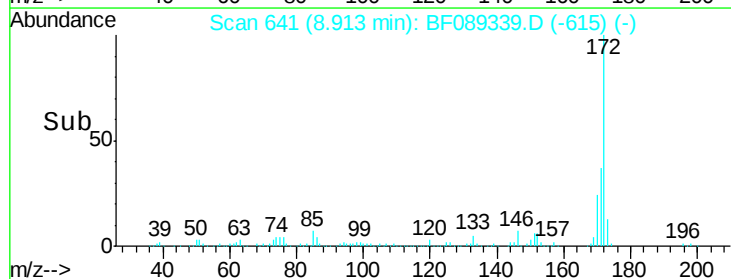
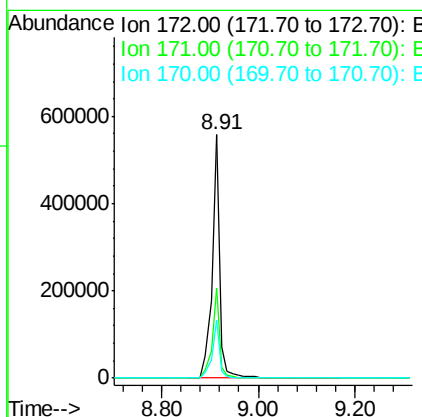
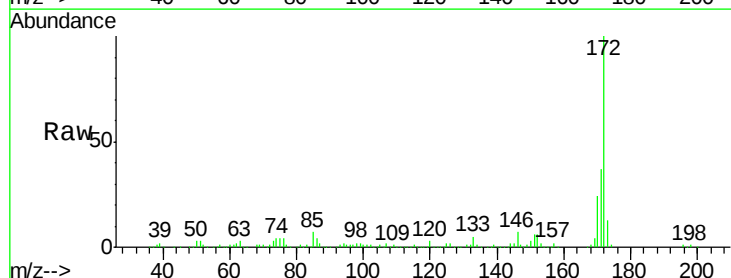
Manual Integrations

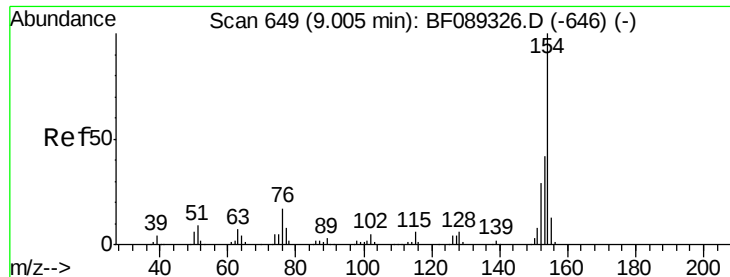
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#44
 2-Fluorobiphenyl
 Concen: 98.57 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.2	43.8
170	23.8	19.2	28.8





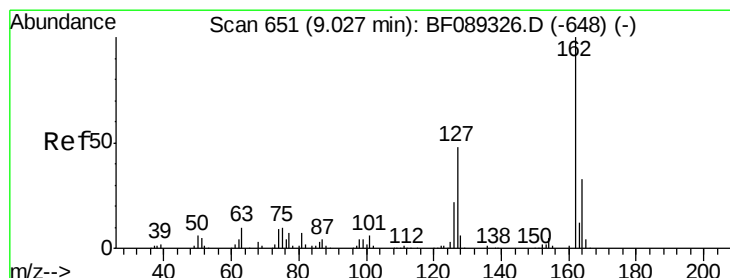
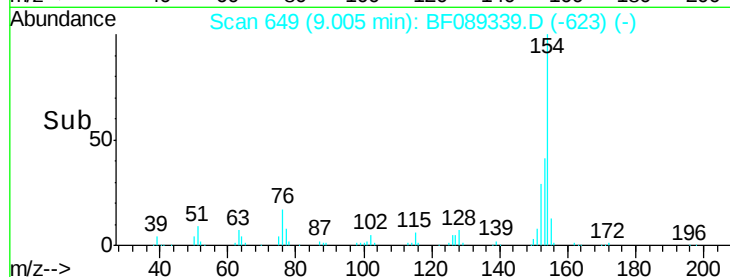
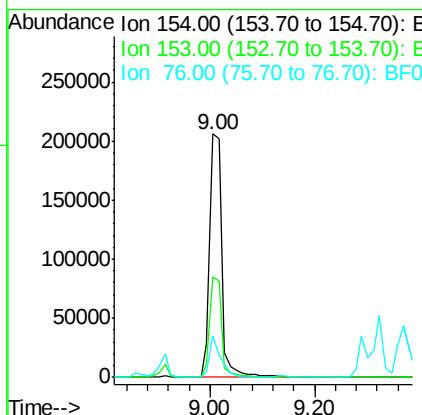
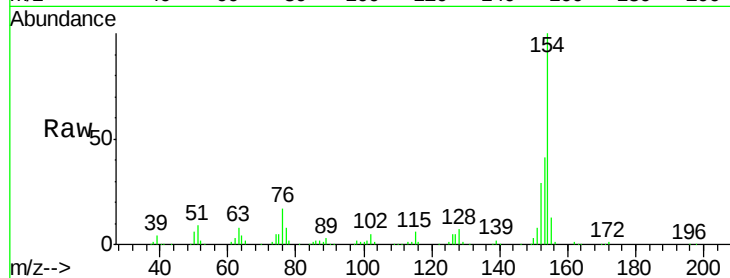
#45
 1,1'-Biphenyl
 Concen: 42.30 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.0	61.0
76	17.0	0.0	36.6

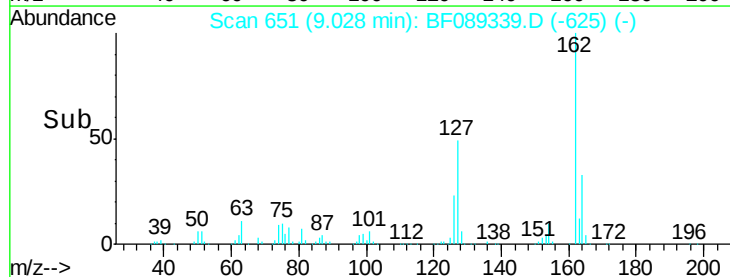
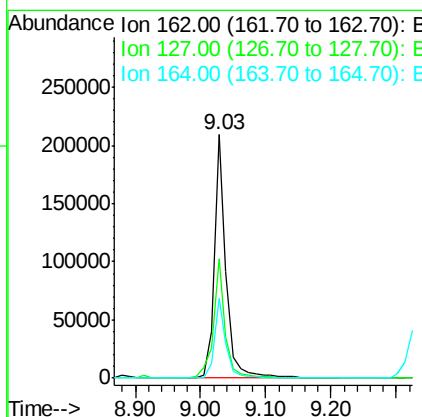
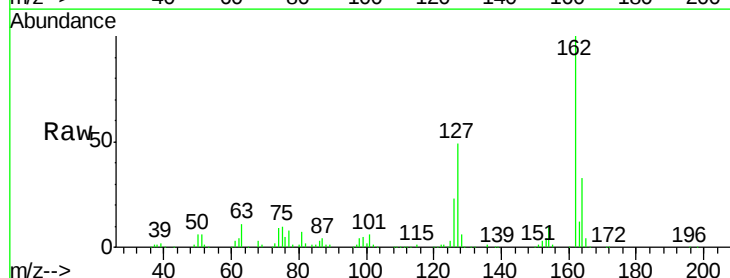
Manual Integrations

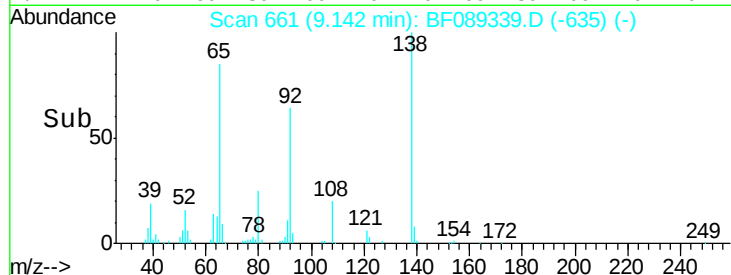
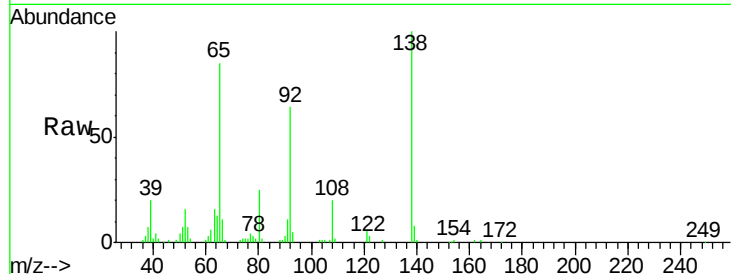
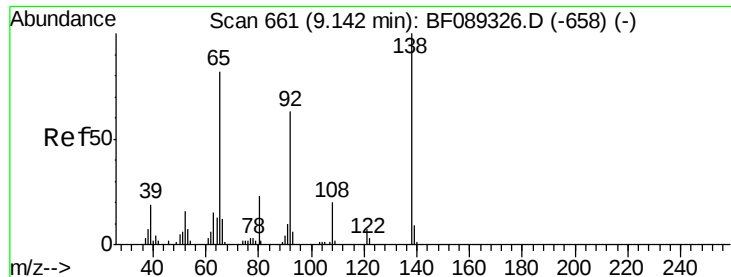
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#46
 2-Chloronaphthalene
 Concen: 44.58 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.8	37.8	56.8
164	32.5	25.8	38.8





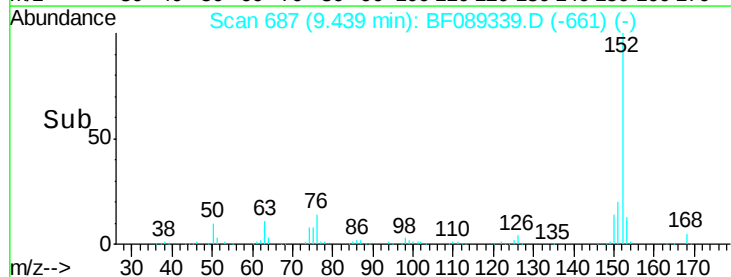
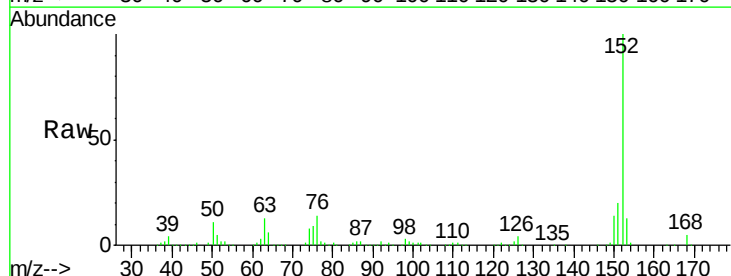
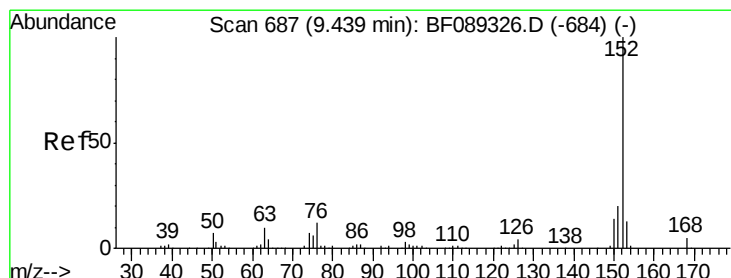
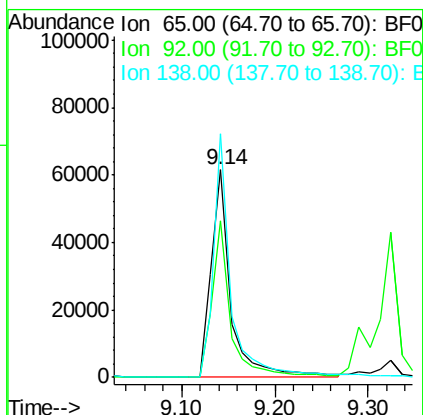
#47
2-Nitroaniline
Concen: 51.25 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.3	61.0	91.4
138	117.3	99.1	148.7

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

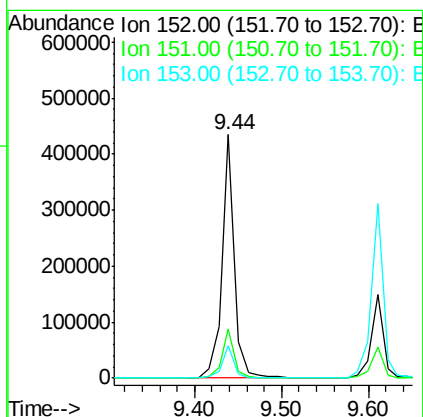
Manual Integrations

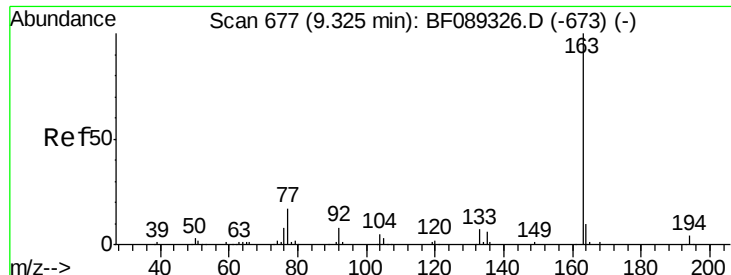
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#48
Acenaphthylene
Concen: 46.45 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.4	10.2	15.4





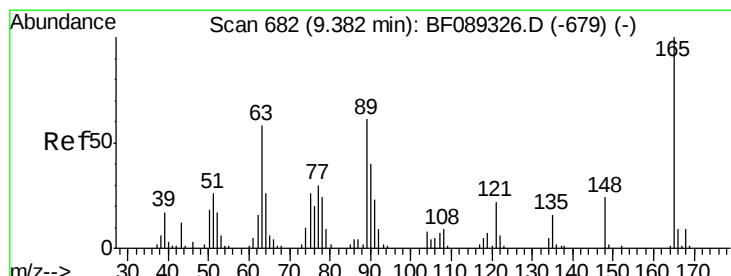
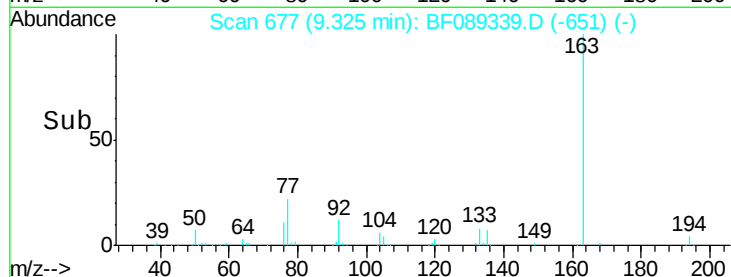
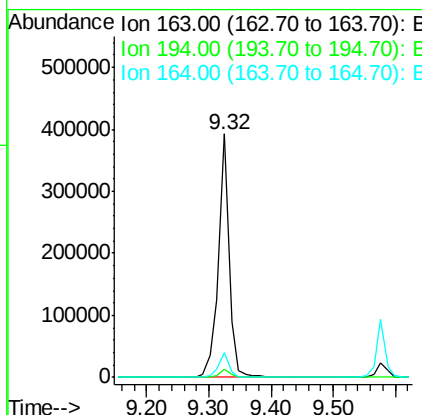
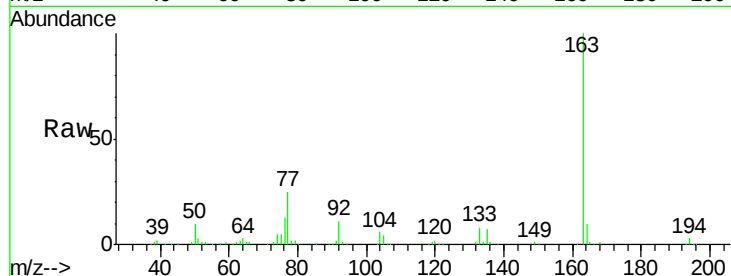
#49
Dimethylphthalate
Concen: 65.51 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	465645		
194	3.3		2.8	4.2
164	10.4		7.8	11.8

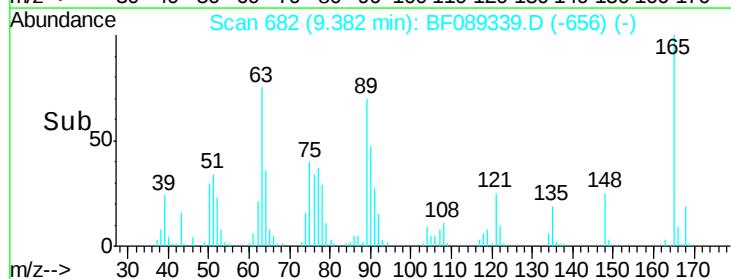
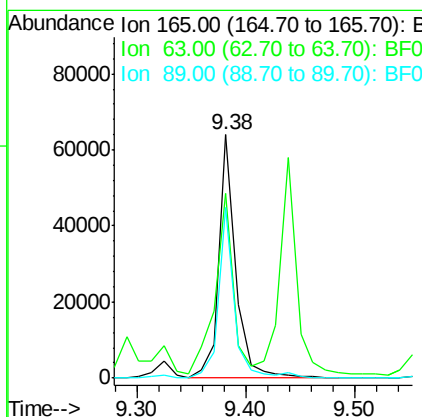
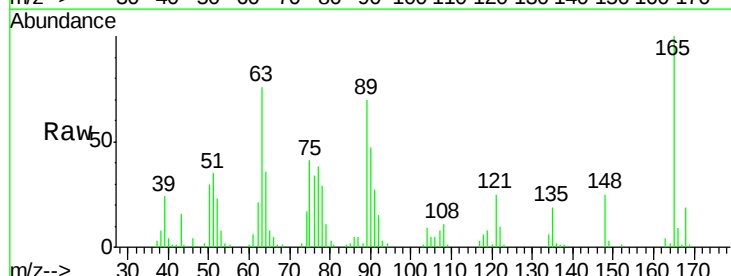
Manual Integrations

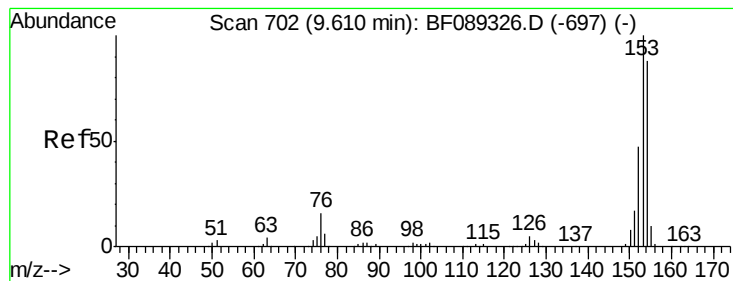
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#50
2,6-Dinitrotoluene
Concen: 48.05 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	70178		
63	76.1		43.5	65.3#
89	70.3		45.0	67.4#





#51

Acenaphthene

Concen: 47.63 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

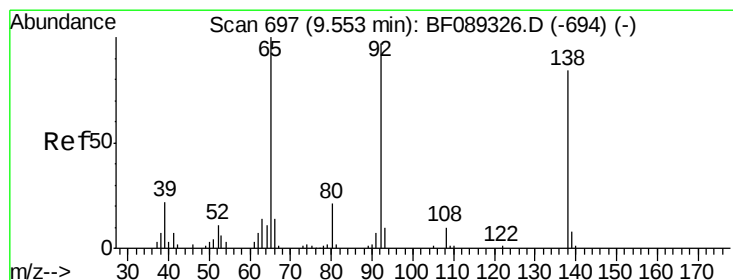
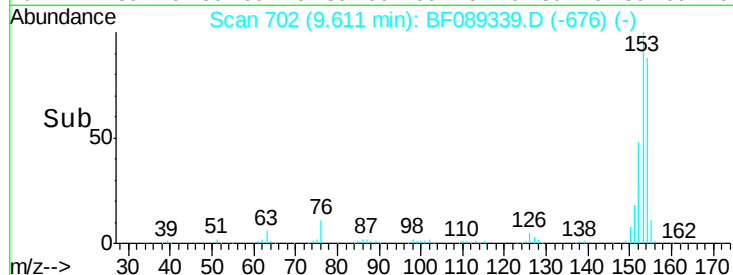
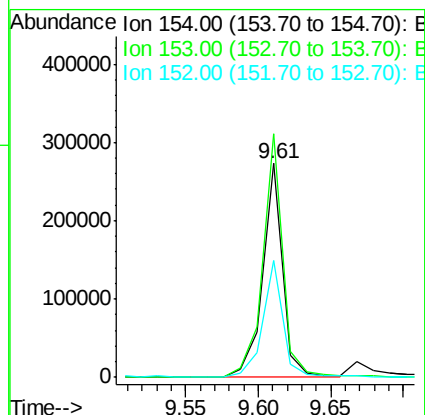
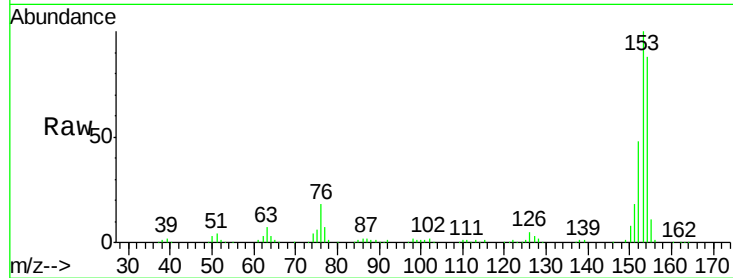
SB-34-6.5-7.5MSD

Tot Ion:	154	Resp:	261657
Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.4	137.2
152	54.5	43.8	65.6

Manual Integrations

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#52

3-Nitroaniline

Concen: 28.80 ng

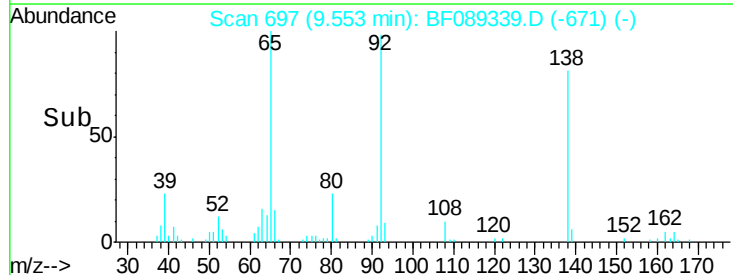
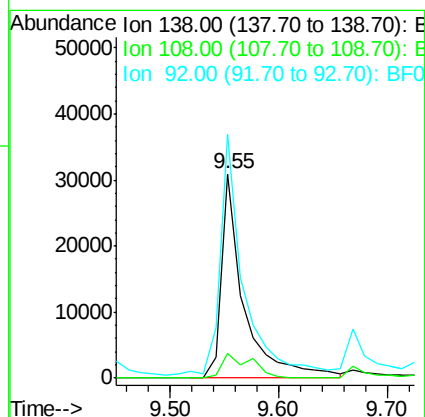
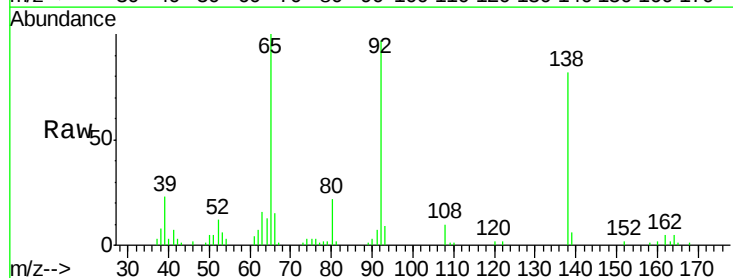
RT: 9.55 min Scan# 697

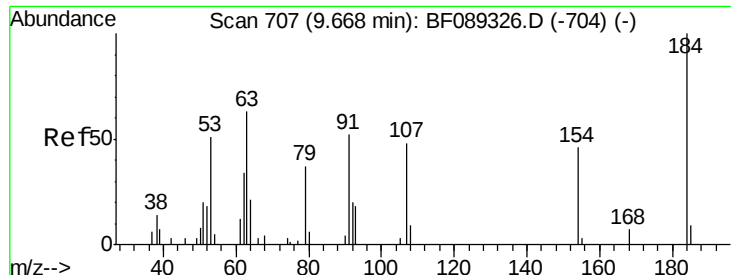
Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Tgt Ion:	138	Resp:	44389
Ion	Ratio	Lower	Upper
138	100		
108	12.1	8.6	13.0
92	119.4	90.0	135.0





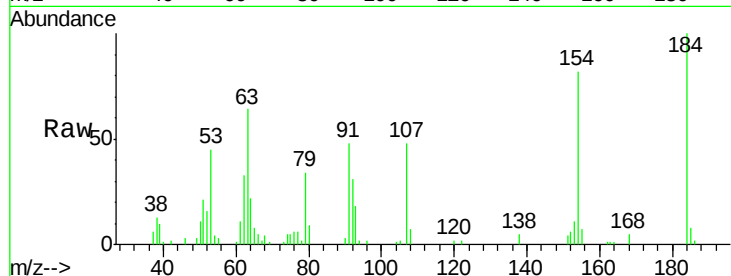
#53
 2,4-Dinitrophenol
 Concen: 60.46 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MSD

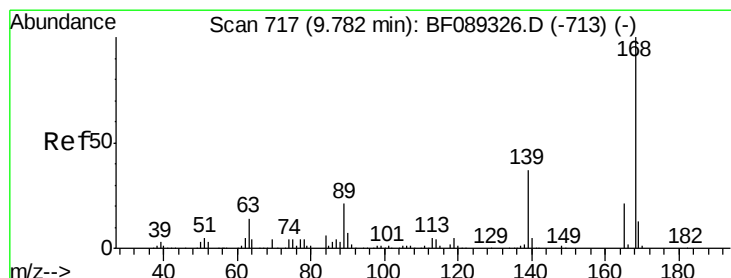
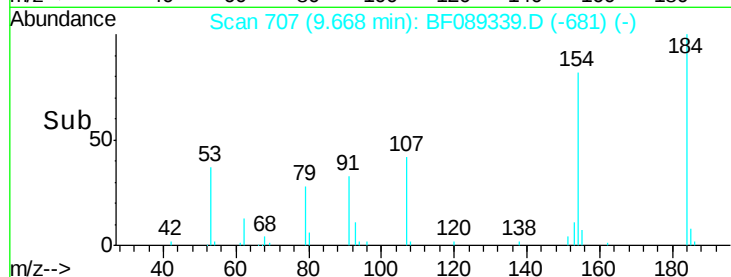
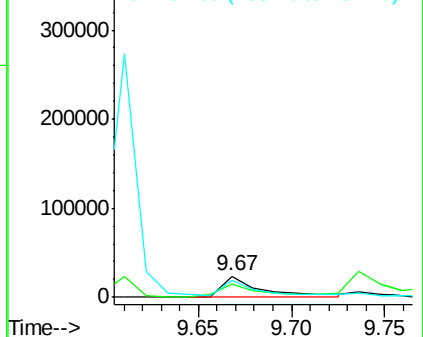
Tot Ion	Ratio	Lower	Upper
184	100		
63	63.9	60.6	90.8
154	81.5	69.8	104.8

Manual Integrations

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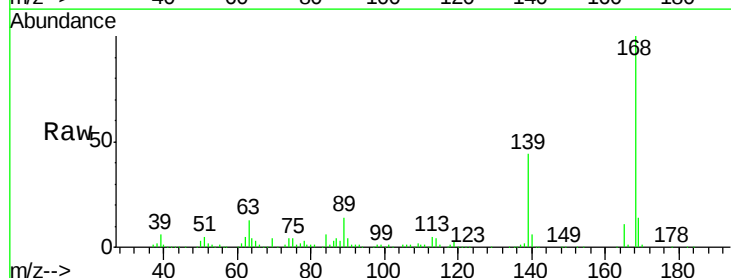


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

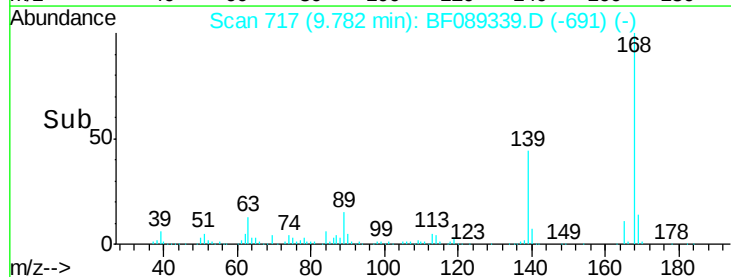
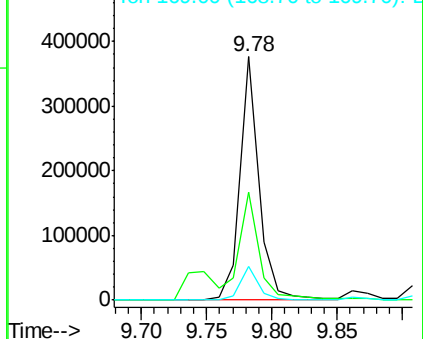


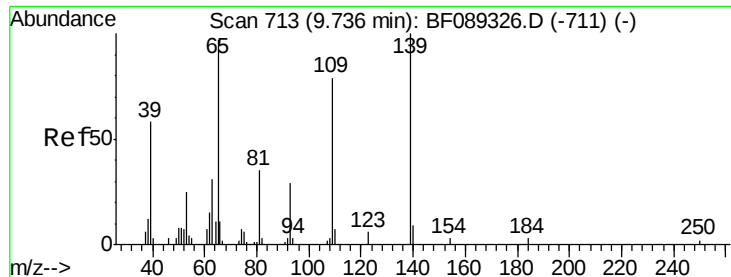
#54
 Dibenzofuran
 Concen: 50.66 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.3	33.7	50.5
169	13.7	10.7	16.1



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





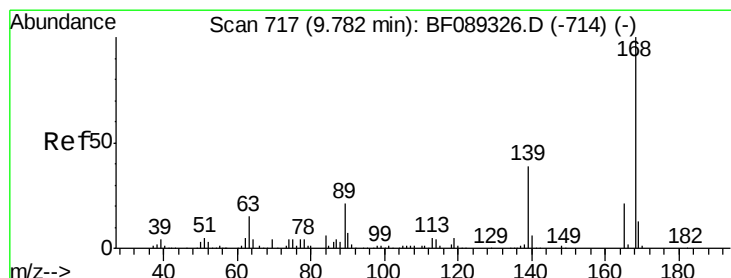
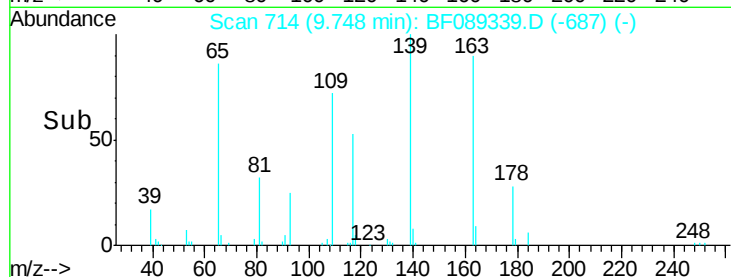
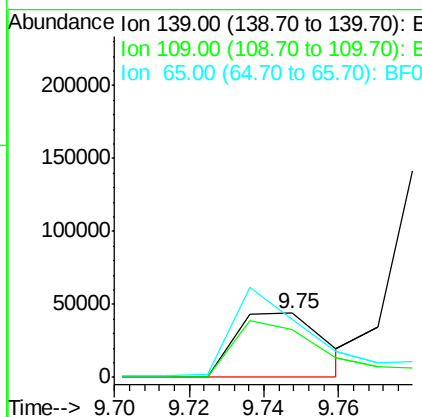
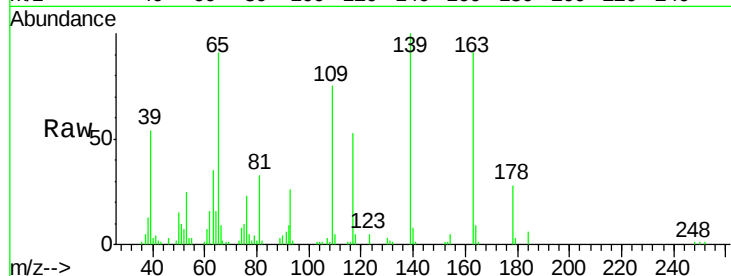
#55
4-Nitrophenol
Concen: 95.86 ng/mL
RT: 9.75 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	75.3	57.8	97.8
65	90.5	81.7	121.7

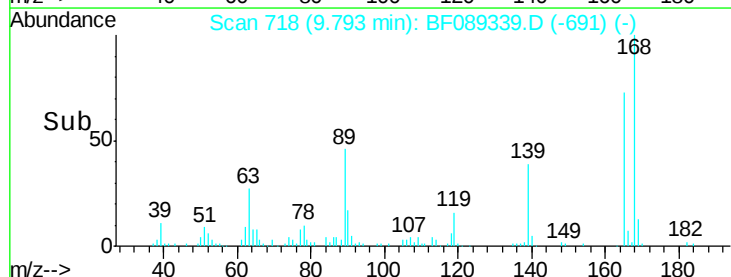
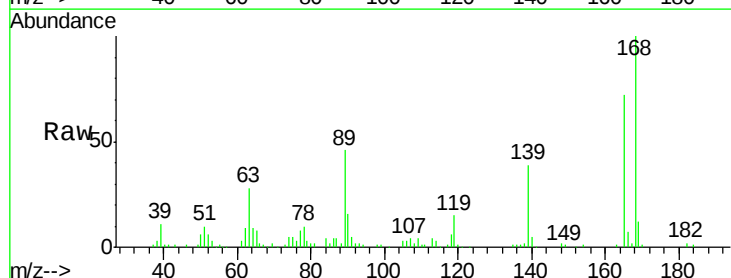
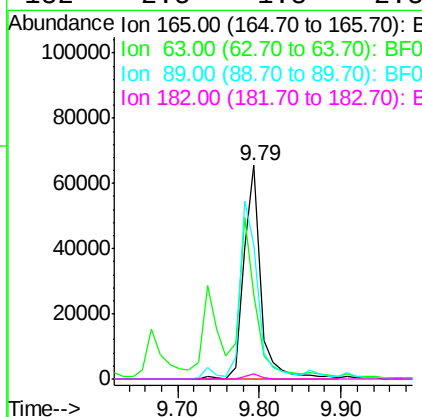
Manual Integrations

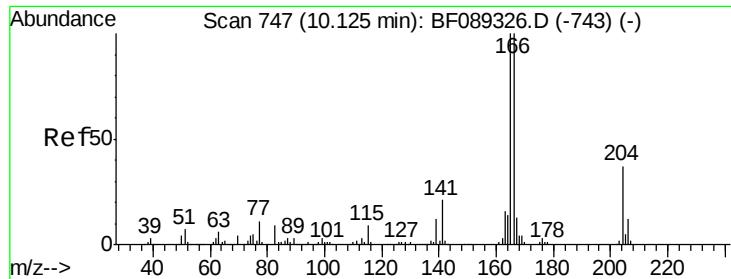
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#56
2,4-Dinitrotoluene
Concen: 48.63 ng/mL
RT: 9.79 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.4	58.2	87.2#
89	63.1	79.1	118.7#
182	2.5	1.8	2.8





#57

Fluorene

Concen: 48.52 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089339.D

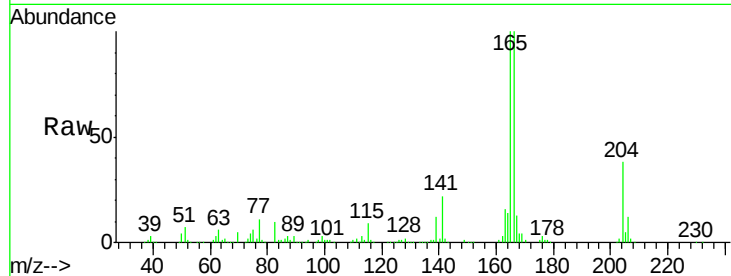
Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MSD



Tot Ion:166 Resp: 317050

Ion Ratio Lower Upper

166 100

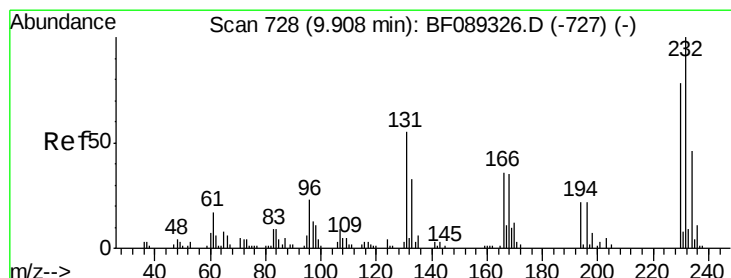
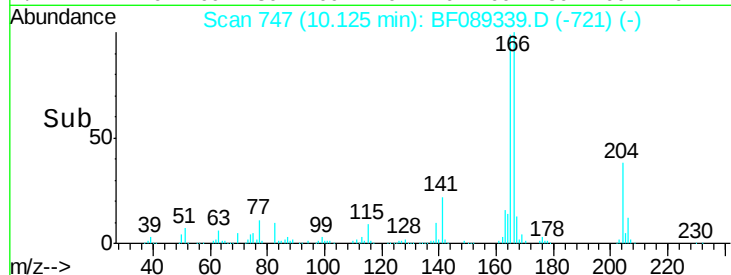
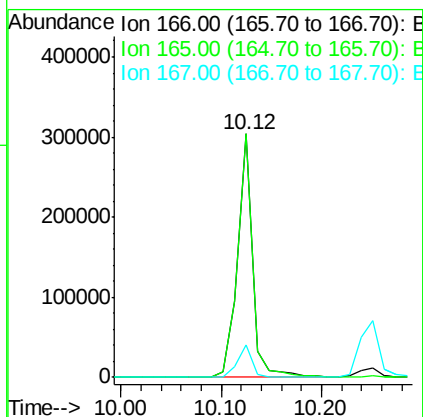
165 100.1 79.0 118.4

167 13.4 10.2 15.2

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.16 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Tgt Ion:232 Resp: 71176

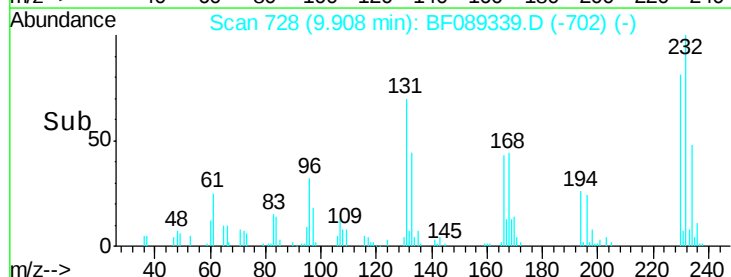
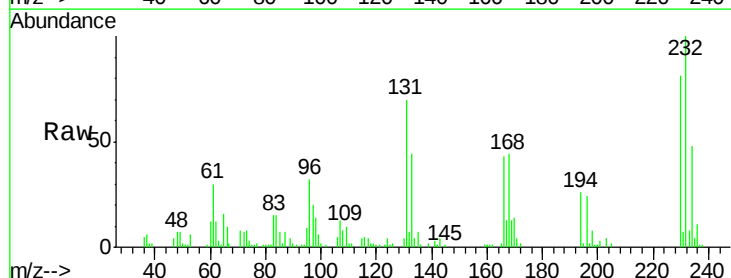
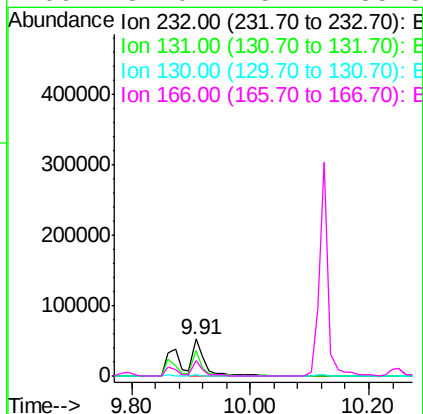
Ion Ratio Lower Upper

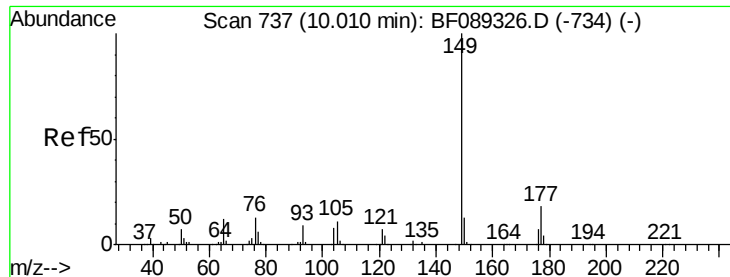
232 100

131 57.5 42.7 64.1

130 2.6 1.7 2.5#

166 34.0 25.7 38.5





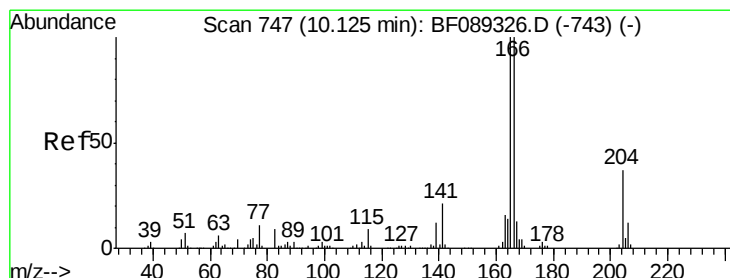
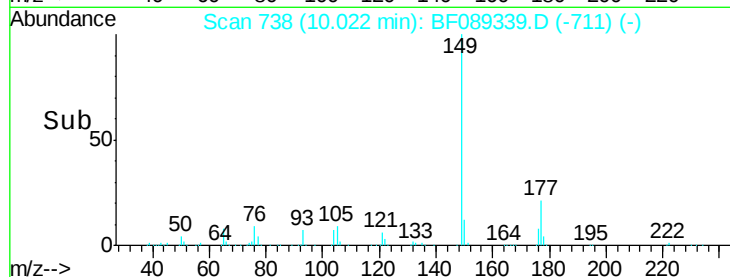
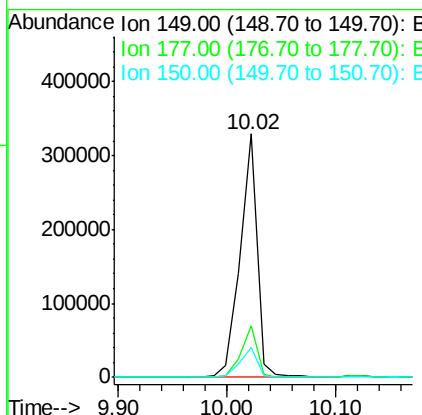
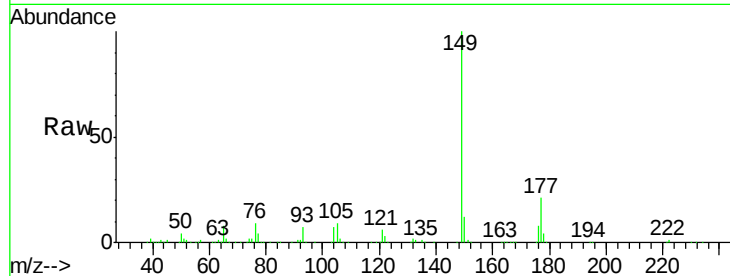
#59
Diethylphthalate
Concen: 49.21 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	15.1	22.7
150	12.4	10.2	15.4

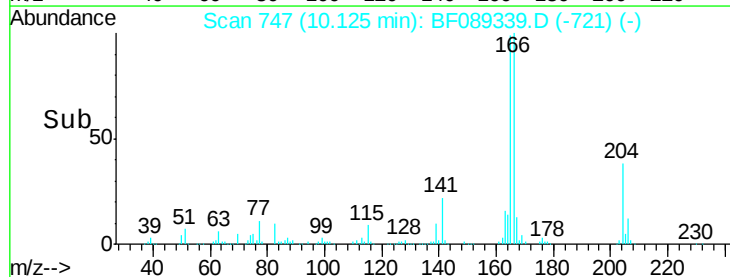
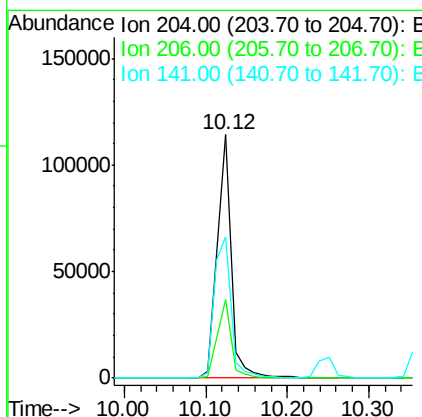
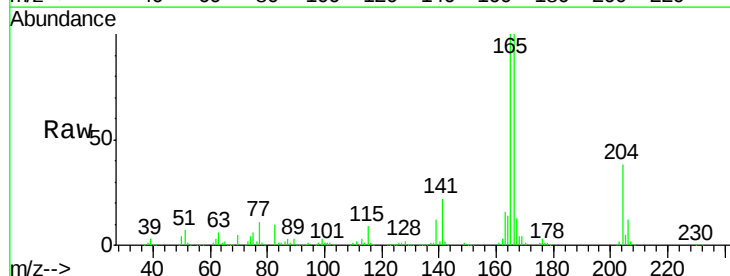
Manual Integrations

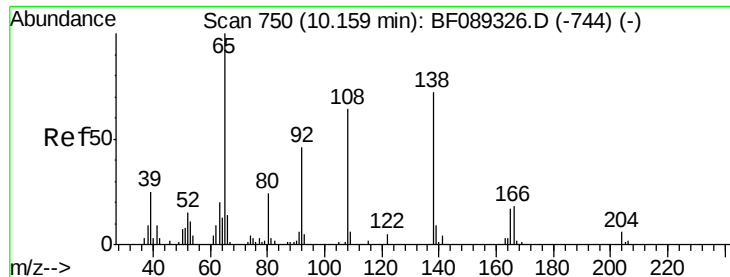
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 45.71 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	58.1	46.6	70.0





#61

4-Nitroaniline

Concen: 46.31 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF089339.D

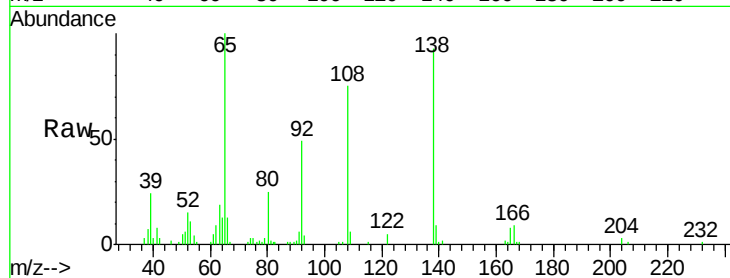
Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MSD



Tot Ion:138 Resp: 73575

Ion Ratio Lower Upper

138 100

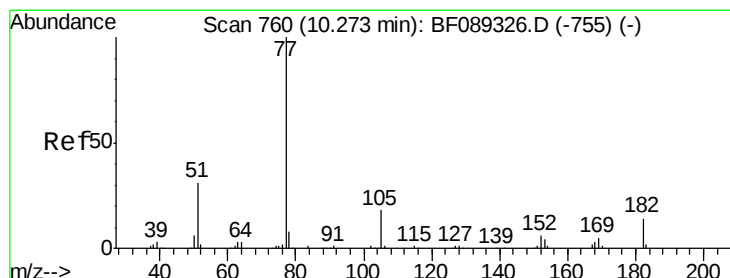
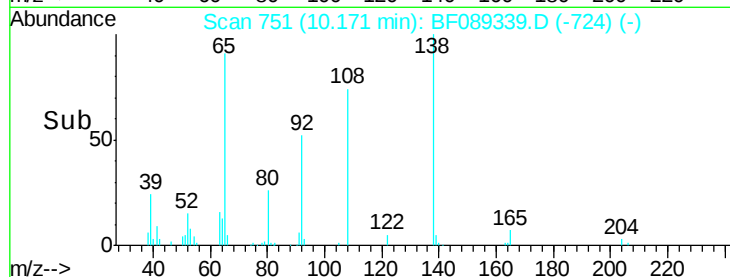
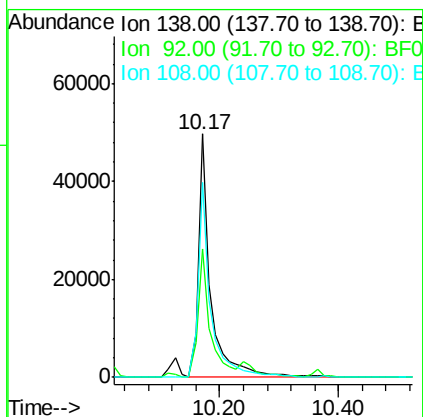
92 52.8 41.2 81.2

108 79.9 69.6 109.6

Manual Integrations

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#62

Azobenzene

Concen: 49.18 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Tgt Ion: 77 Resp: 364958

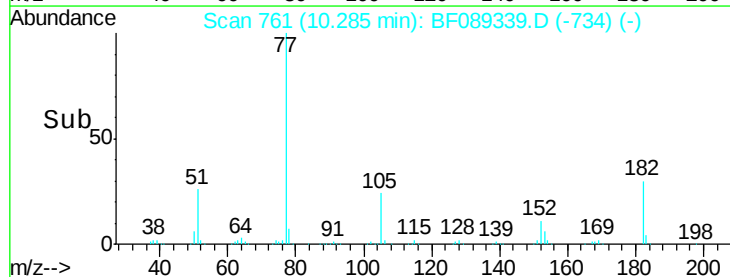
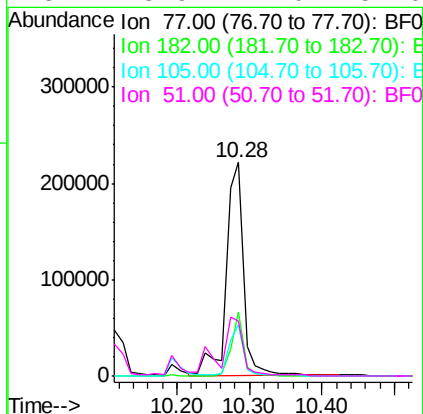
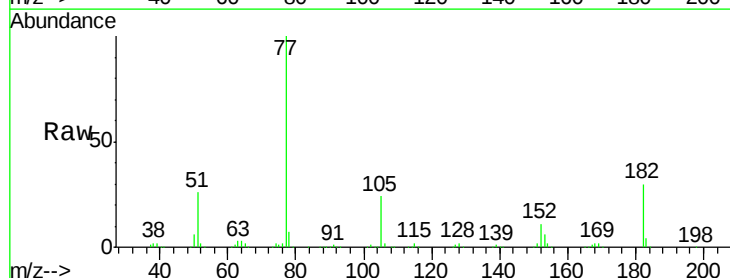
Ion Ratio Lower Upper

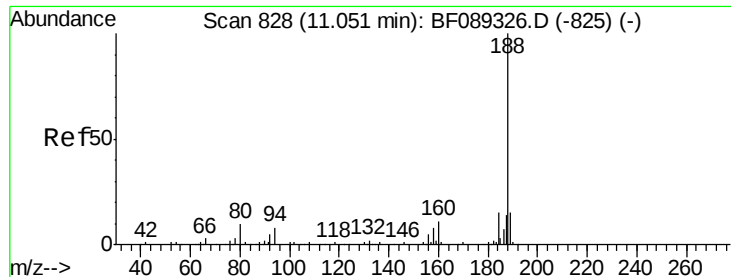
77 100

182 30.3 0.0 33.8

105 24.0 0.0 39.8

51 25.9 11.0 51.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MSD

Tot Ion:188 Resp: 177200

Ion Ratio Lower Upper

188 100

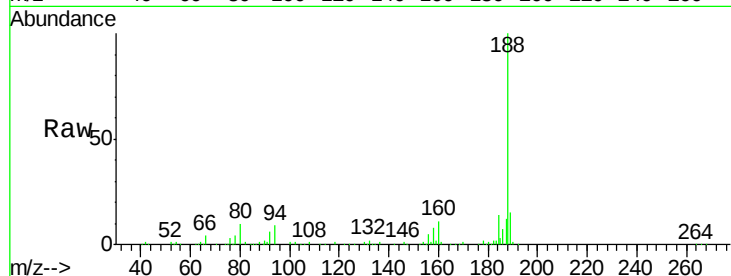
94 9.2 6.5 9.7

80 9.8 7.2 10.8

Manual Integrations

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

200000

150000

100000

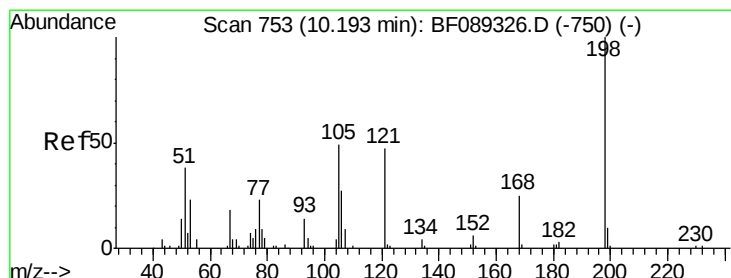
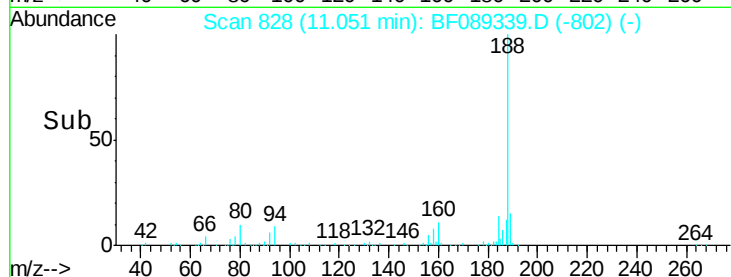
50000

0

11.05

11.00 11.10 11.20

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 42.26 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

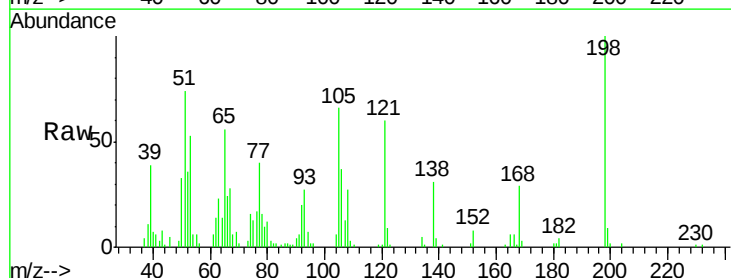
Tgt Ion:198 Resp: 44588

Ion Ratio Lower Upper

198 100

51 73.8 23.0 63.0#

105 66.3 28.3 68.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

80000

60000

40000

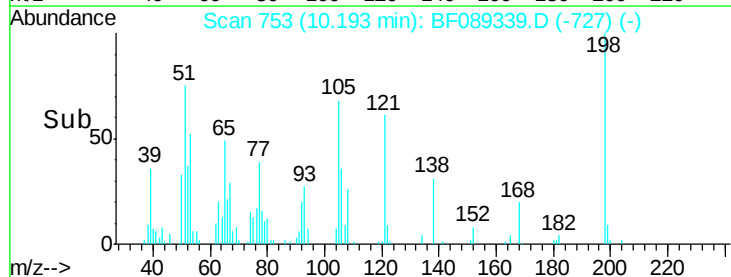
20000

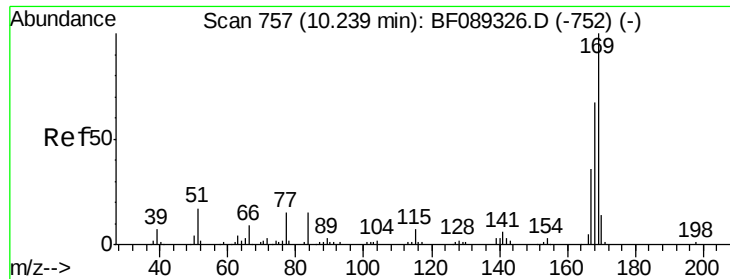
0

10.19

10.20 10.30

Time-->





#65

n-Nitrosodiphenylamine

Concen: 48.03 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MSD

Tot Ion:169 Resp: 265577

Ion Ratio Lower Upper

169 100

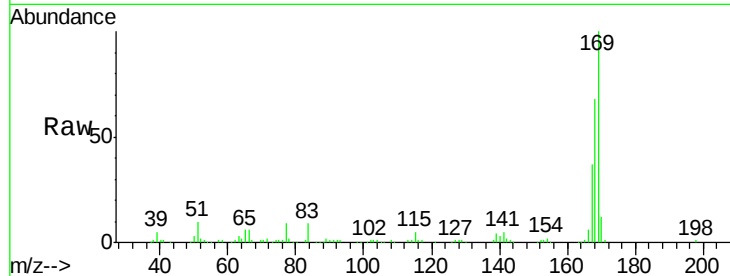
168 68.1 55.4 83.0

167 37.3 29.7 44.5

Manual Integrations

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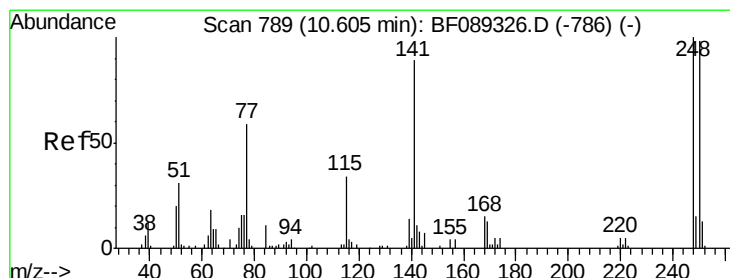
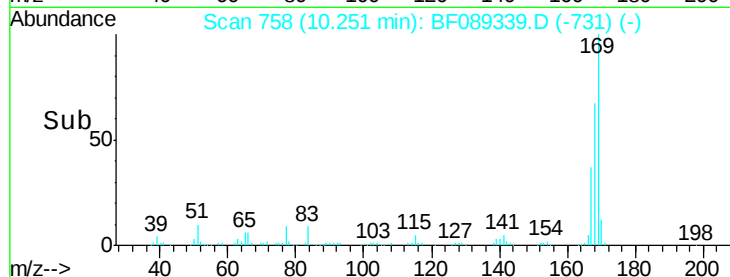
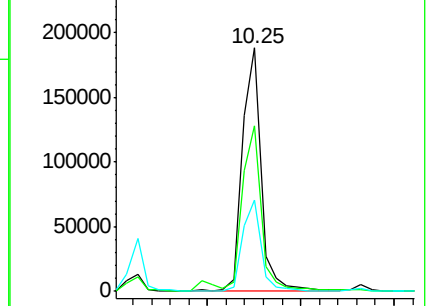
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.52 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

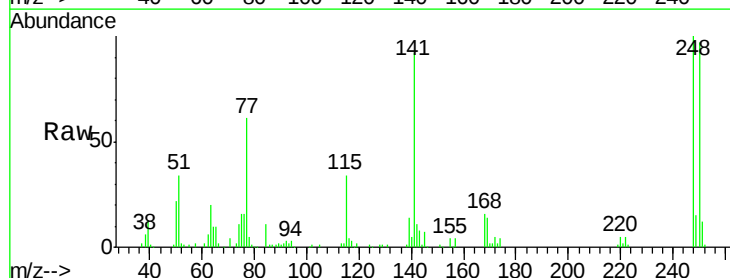
Tgt Ion:248 Resp: 83785

Ion Ratio Lower Upper

248 100

250 96.6 78.2 117.2

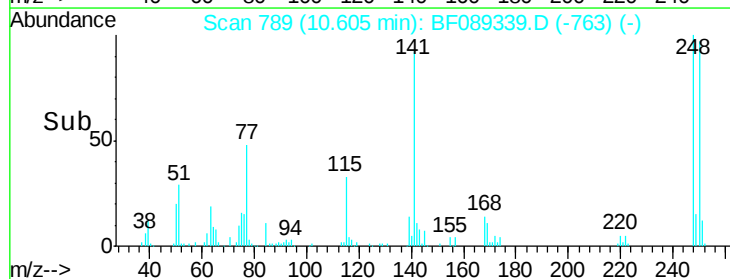
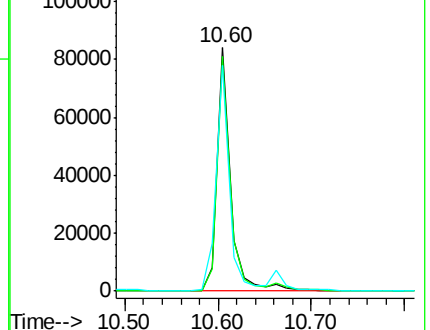
141 92.5 62.0 93.0

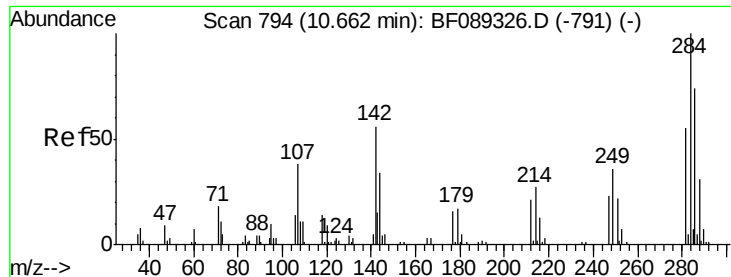


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





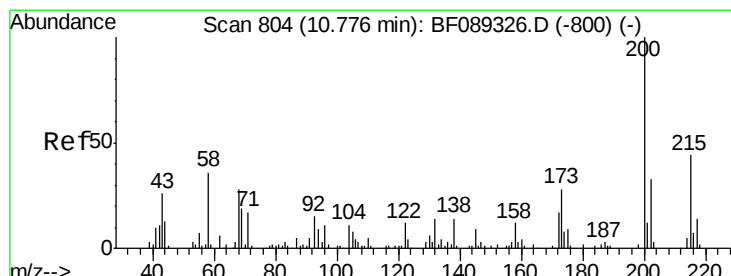
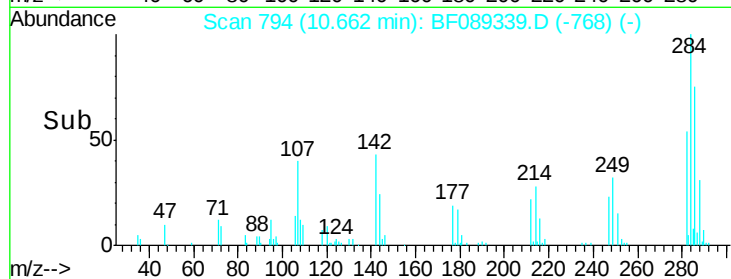
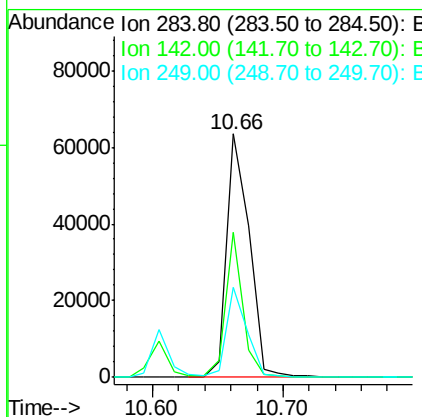
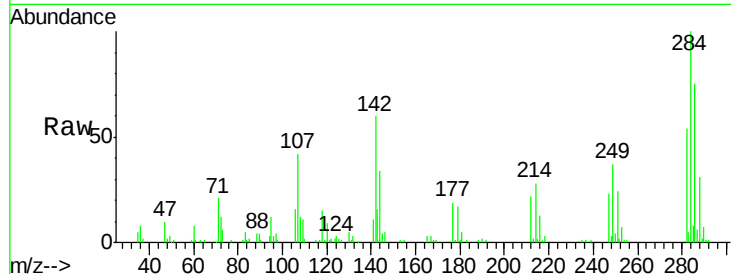
#67
Hexachlorobenzene
Concen: 43.97 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion:	284	Resp:	76233
Ion Ratio	Lower	Upper	
284	100		
142	59.6	42.2	63.4
249	37.0	29.4	44.0

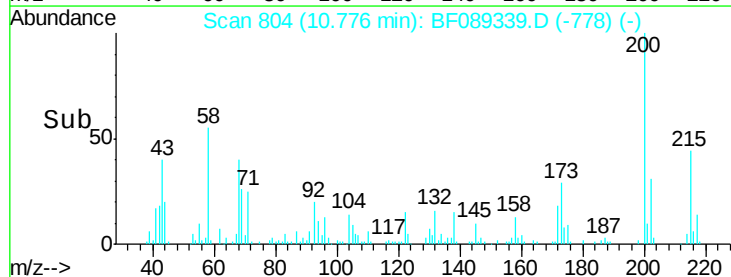
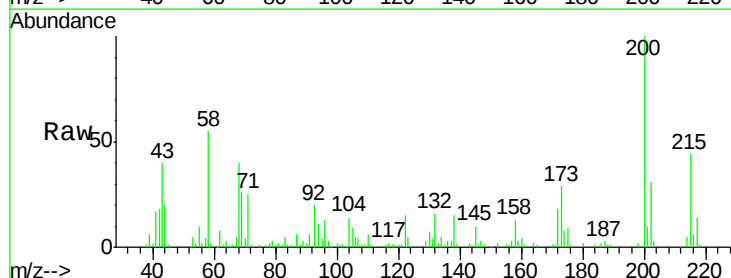
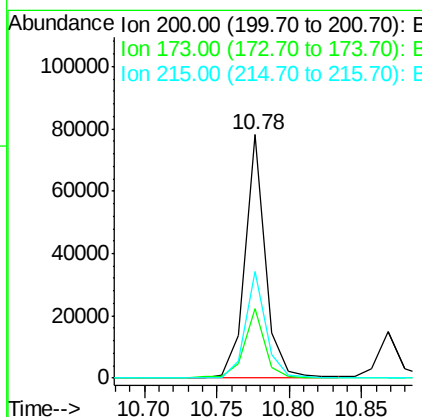
Manual Integrations

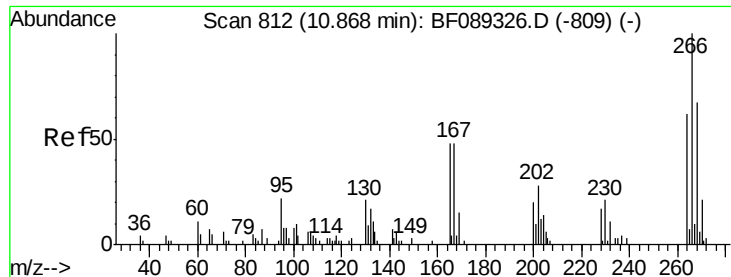
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#68
Atrazine
Concen: 45.14 ng
RT: 10.78 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion:	200	Resp:	76679
Ion Ratio	Lower	Upper	
200	100		
173	28.8	6.0	46.0
215	43.6	24.3	64.3





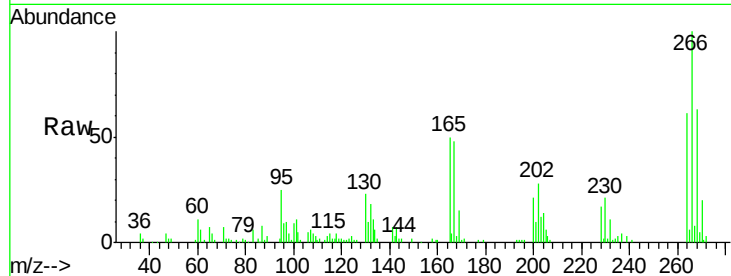
#69
 Pentachlorophenol
 Concen: 92.87 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MSD

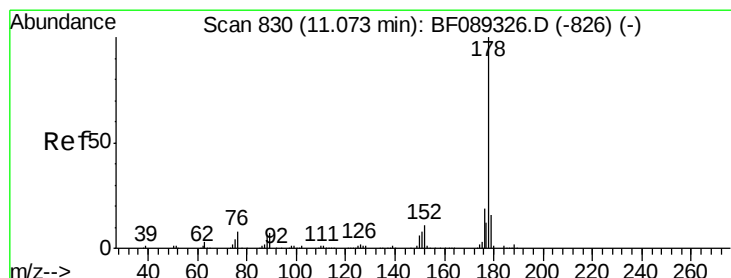
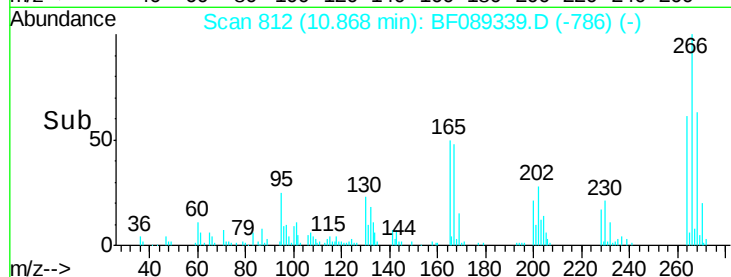
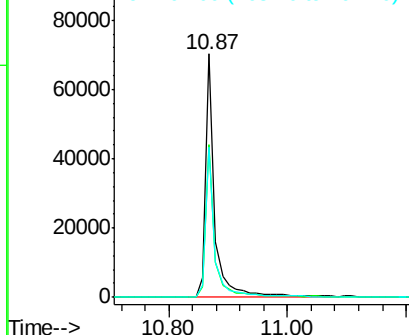
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	49.4	74.2
264	61.5	50.2	75.2

Manual Integrations

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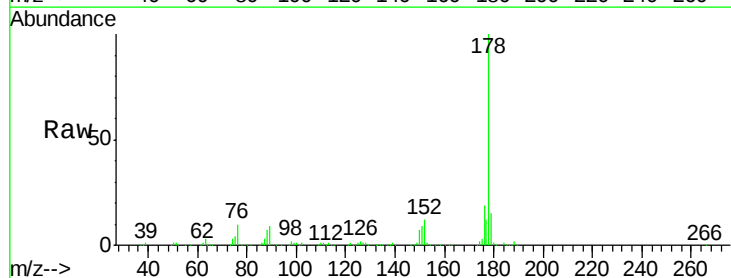


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

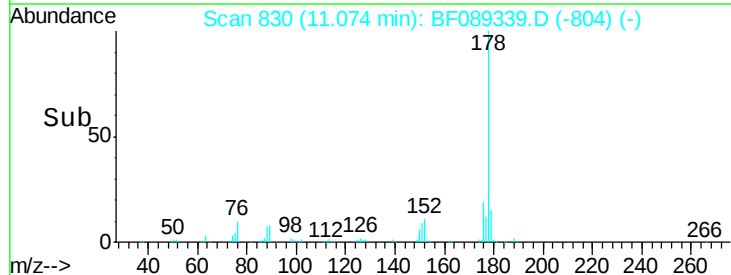
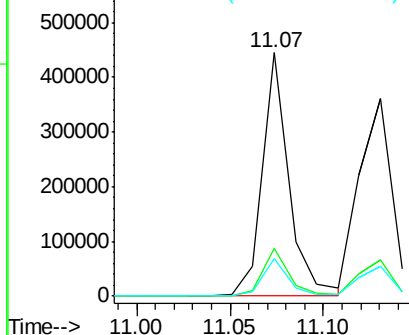


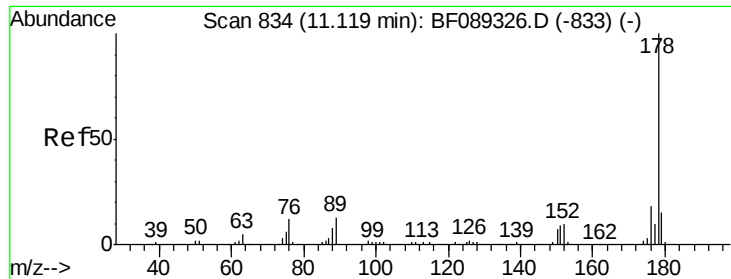
#70
 Phenanthrene
 Concen: 47.90 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.5	12.3	18.5



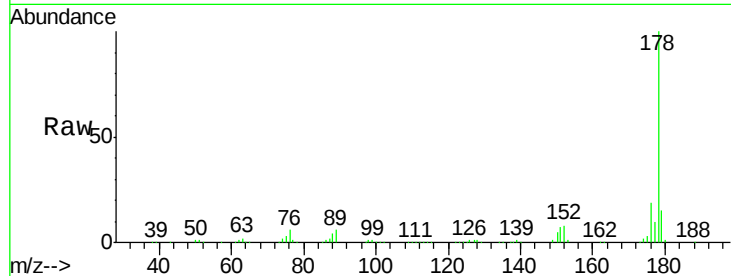
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 46.52 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

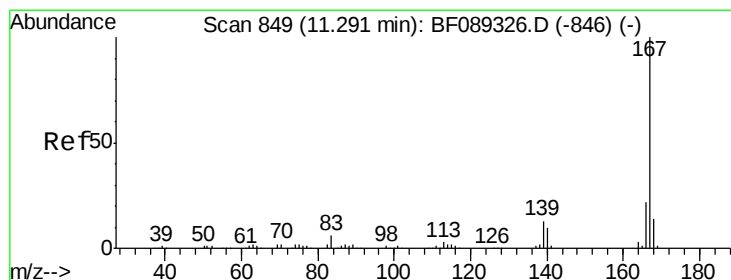
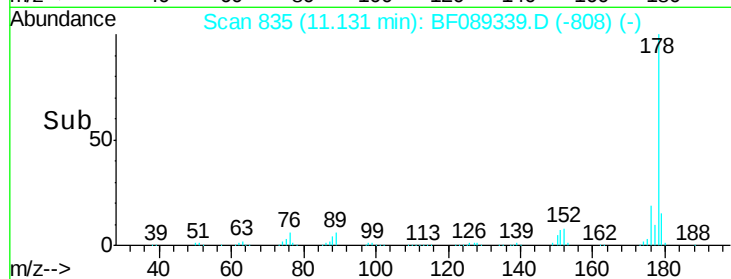
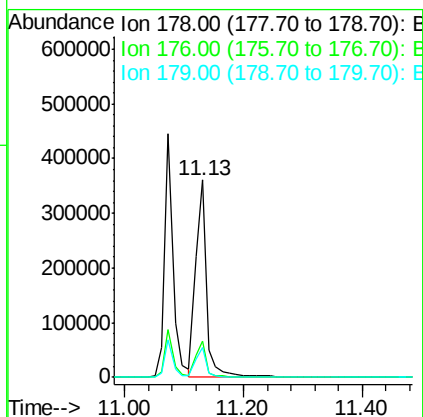
Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MSD



Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.4	12.6	18.8

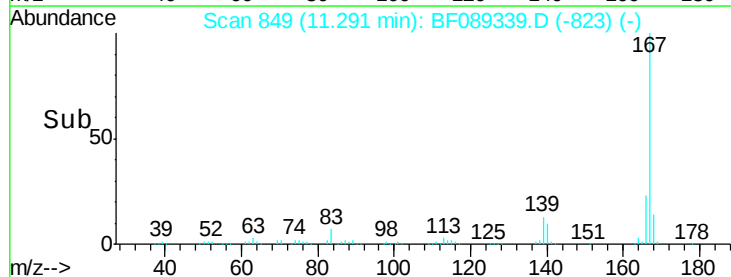
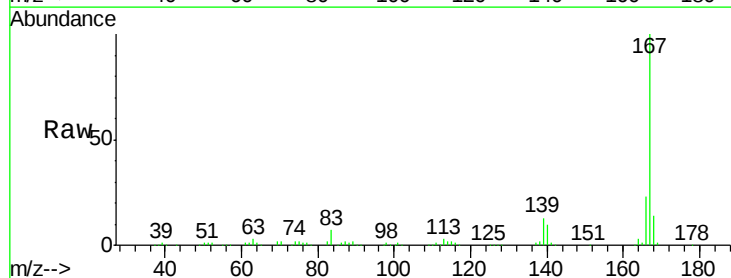
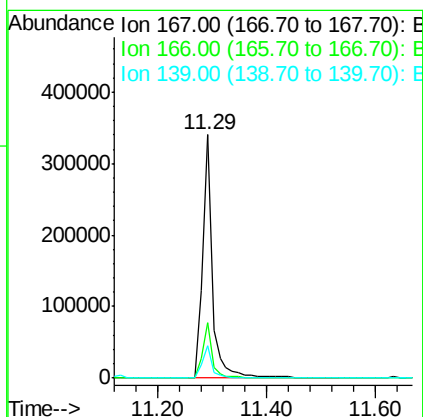
Manual Integrations

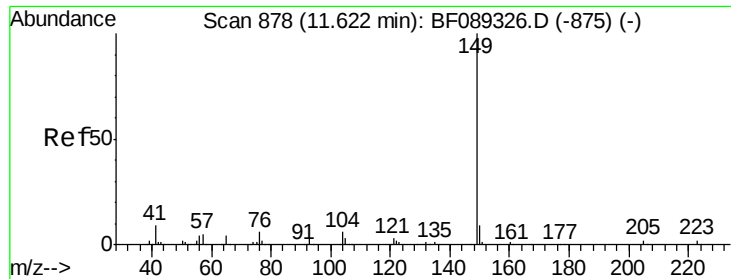
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#72
 Carbazole
 Concen: 49.46 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.3	10.1	15.1





#73

Di-n-butylphthalate

Concen: 45.25 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MSD

Tot Ion:149 Resp: 519252

Ion Ratio Lower Upper

149 100

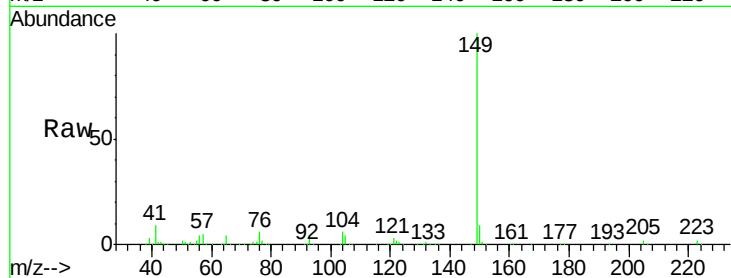
150 9.3 7.4 11.0

104 6.1 4.7 7.1

Manual Integrations

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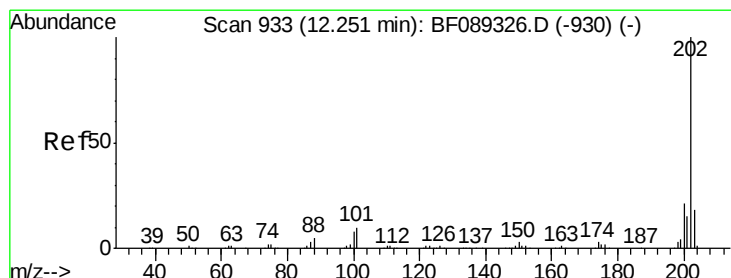
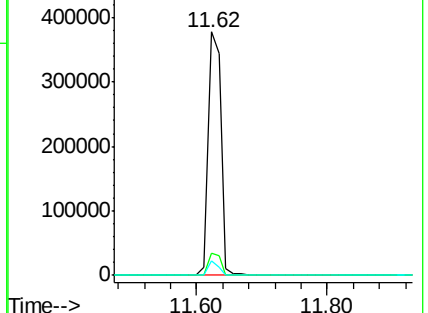
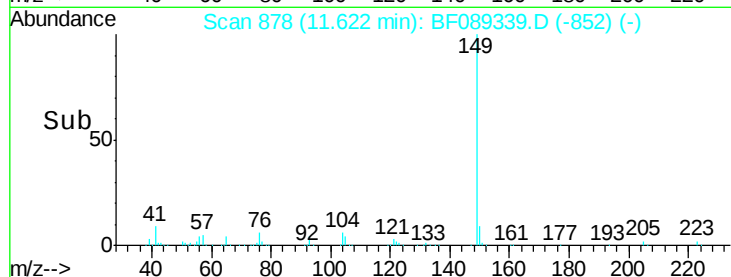
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.95 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

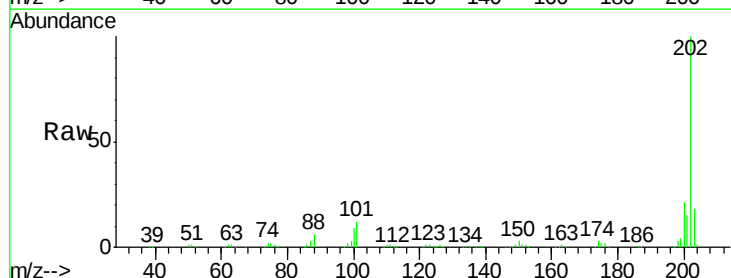
Tgt Ion:202 Resp: 460924

Ion Ratio Lower Upper

202 100

101 11.8 0.0 29.9

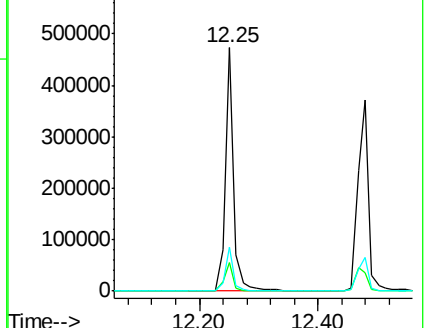
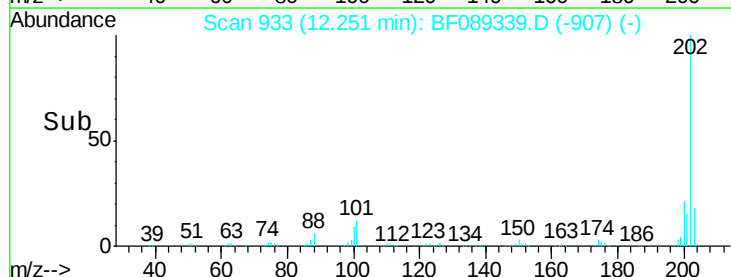
203 17.8 0.0 37.3

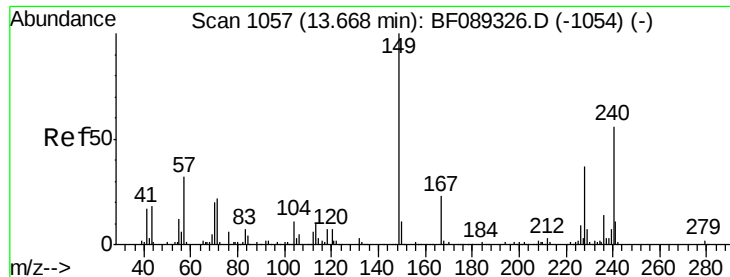


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MSD

Tot Ion:240 Resp: 130142

Ion Ratio Lower Upper

240 100

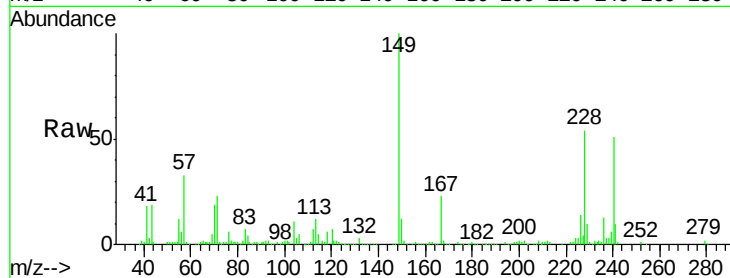
120 13.6 9.1 13.7

236 25.2 20.6 30.8

Manual Integrations

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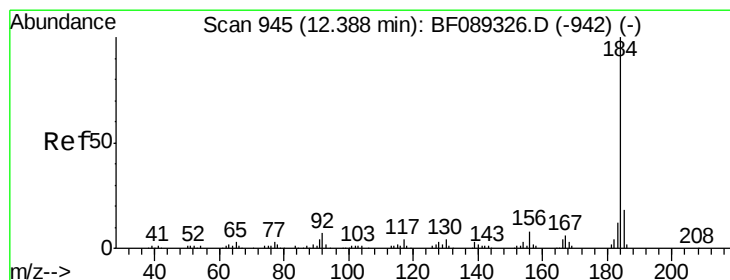
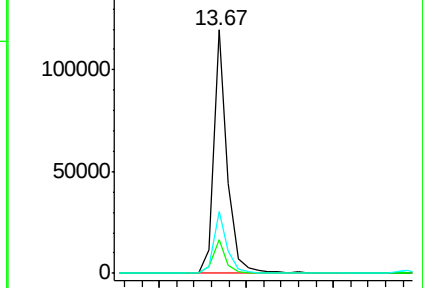
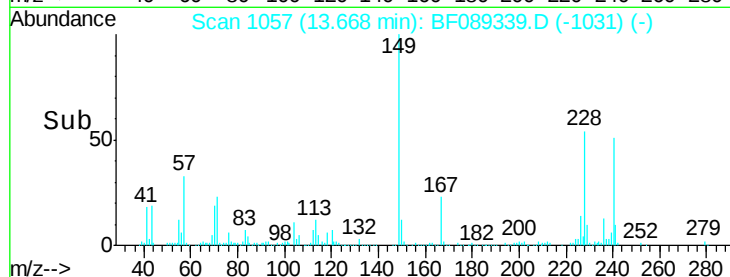
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.82 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

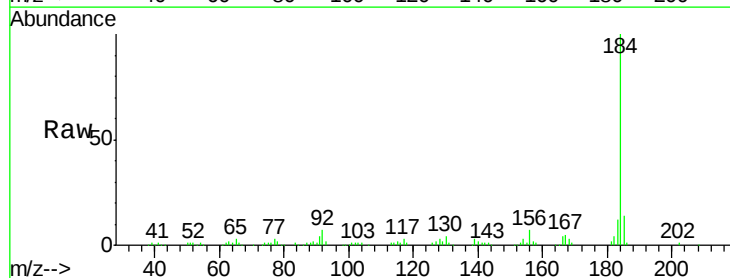
Tgt Ion:184 Resp: 177070

Ion Ratio Lower Upper

184 100

185 14.1 13.5 20.3

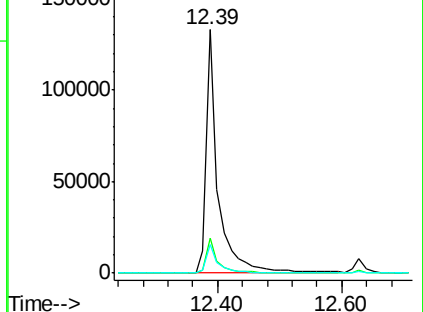
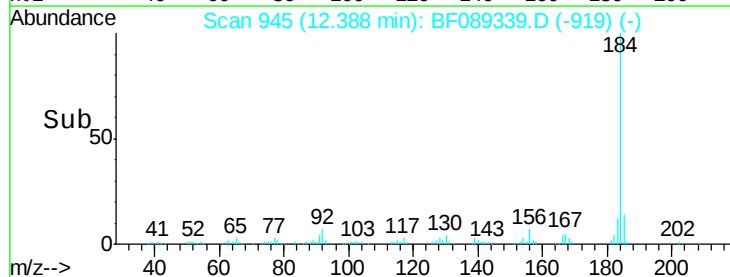
183 11.8 9.8 14.6

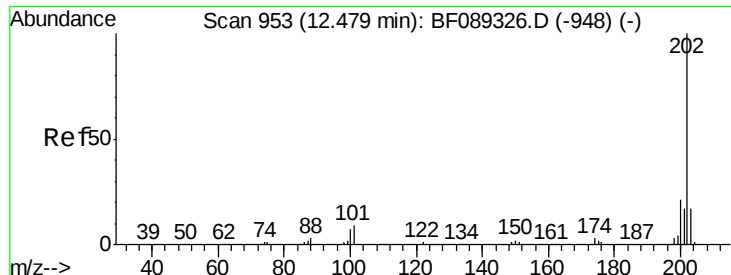


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





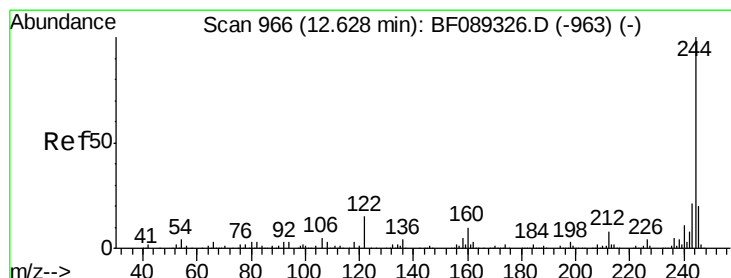
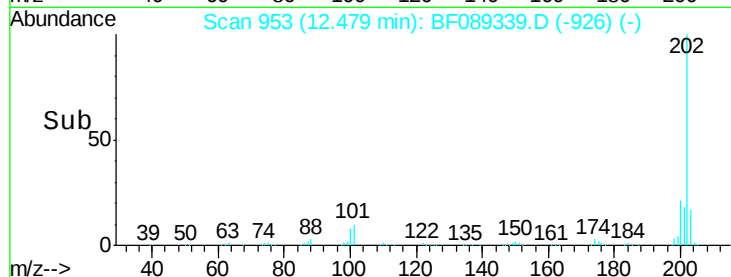
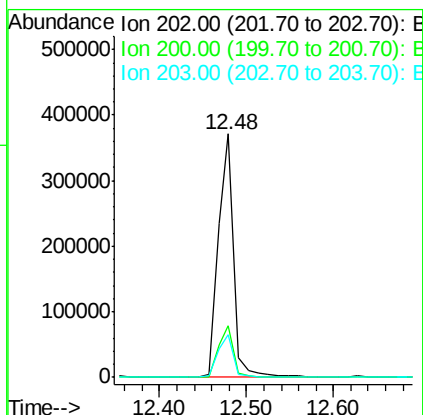
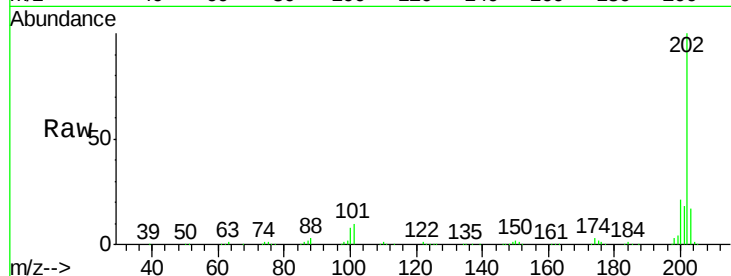
#77
Pvrene
Concen: 46.33 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.3	14.0	21.0

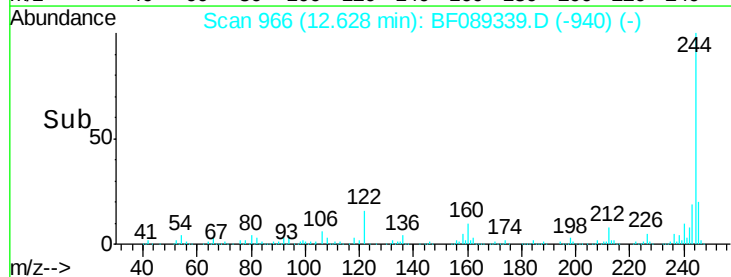
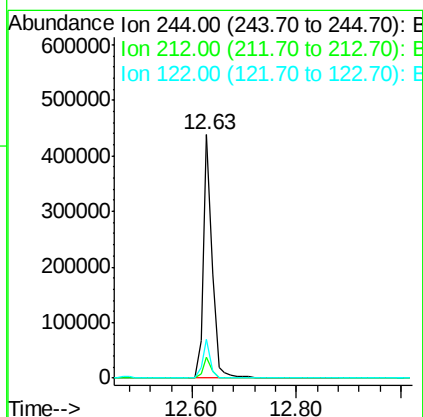
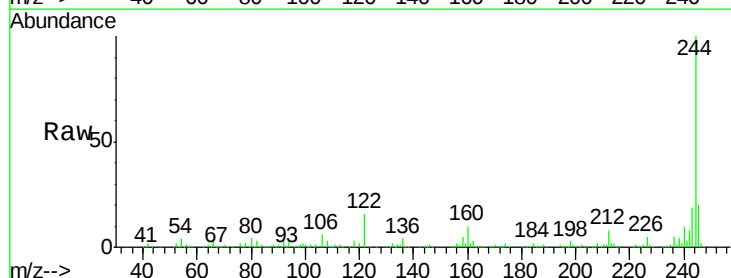
Manual Integrations

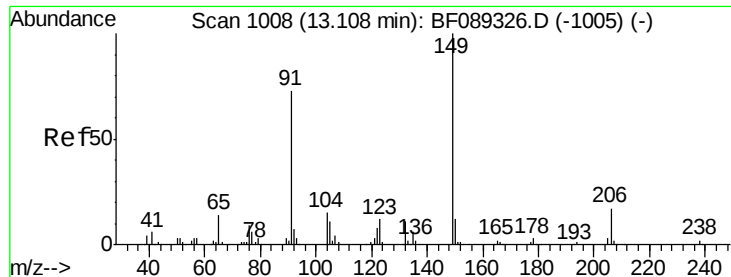
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#78
Terphenyl-d14
Concen: 92.00 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	16.1	11.4	17.0





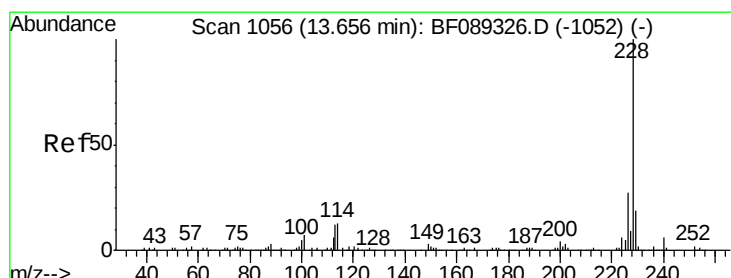
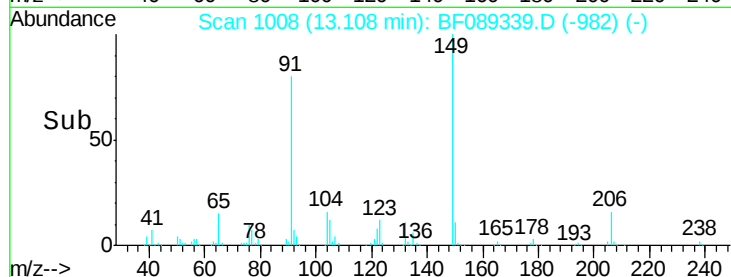
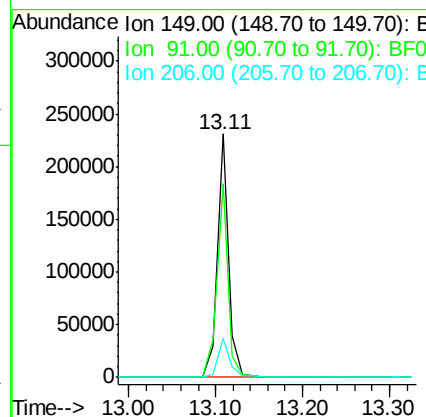
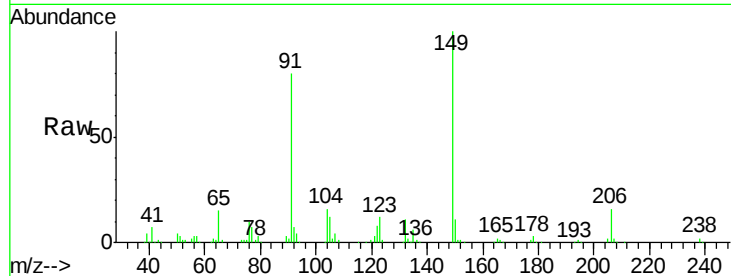
#79
Butylbenzylphthalate
Concen: 47.39 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.5	58.5	87.7
206	15.9	13.8	20.8

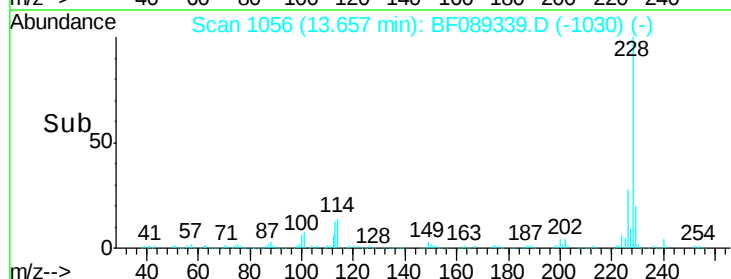
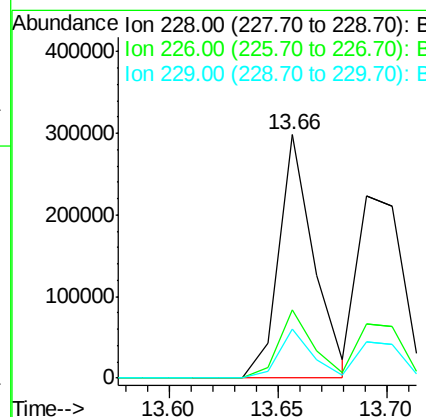
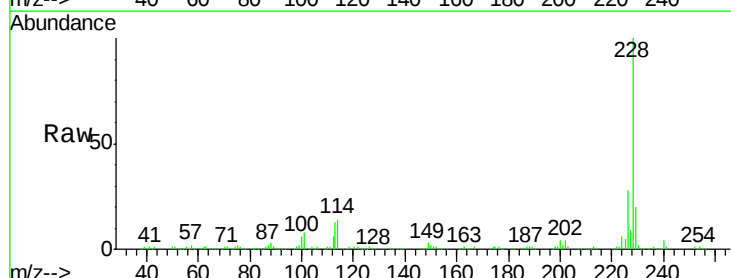
Manual Integrations

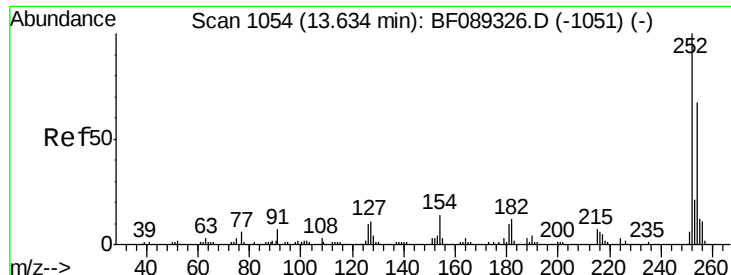
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#80
Benzo(a)anthracene
Concen: 45.72 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.4	32.2
229	20.1	15.9	23.9





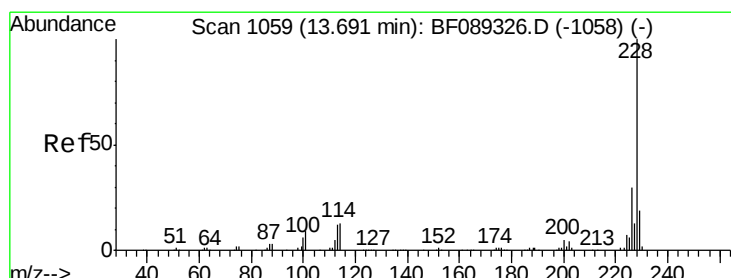
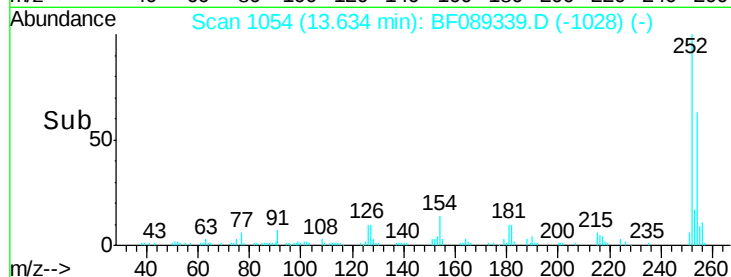
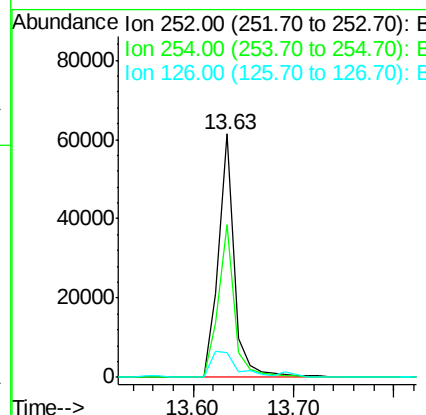
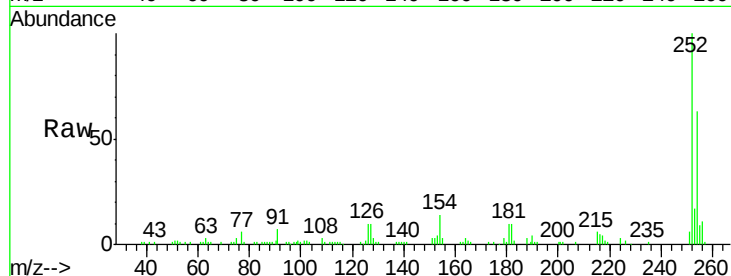
#81
 3,3'-Dichlorobenzidine
 Concen: 25.97 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.5	78.7
126	10.2	7.4	11.2

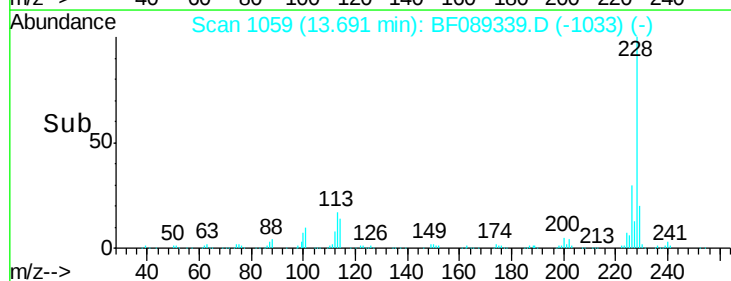
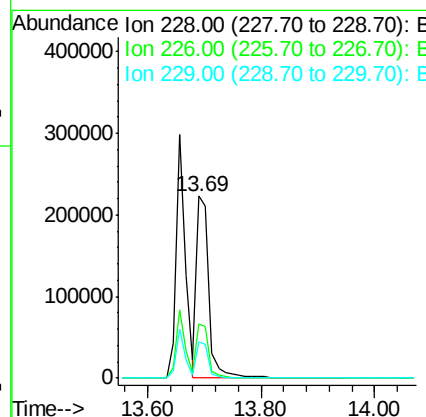
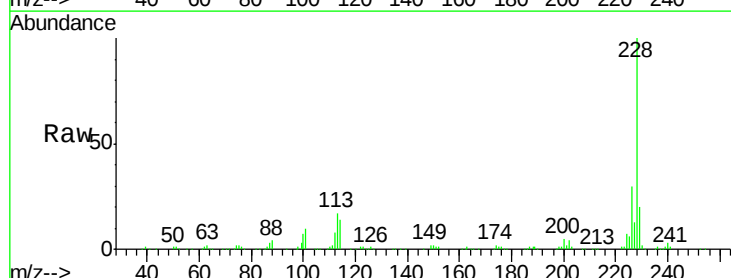
Manual Integrations

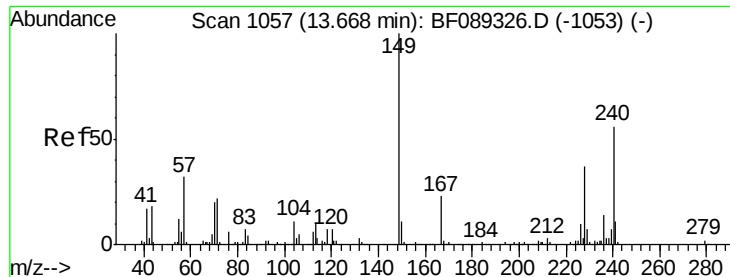
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#82
 Chrysene
 Concen: 43.83 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	20.1	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.93 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MSD

Tot Ion:149 Resp: 297733

Ion Ratio Lower Upper

149 100

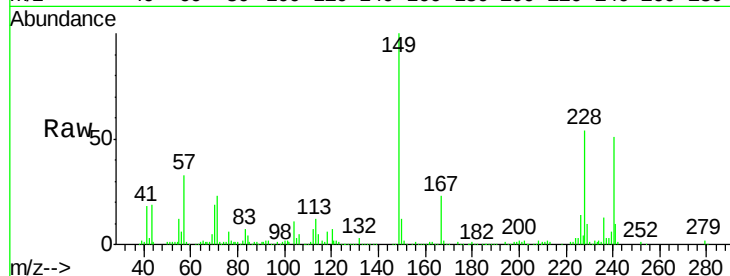
167 23.4 18.8 28.2

279 1.8 1.4 2.0

Manual Integrations

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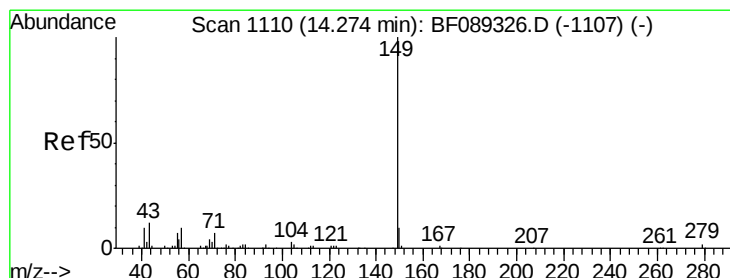
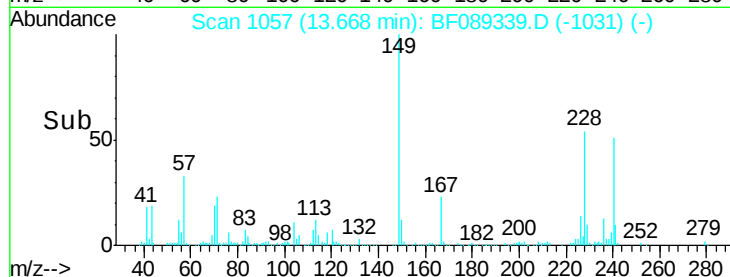
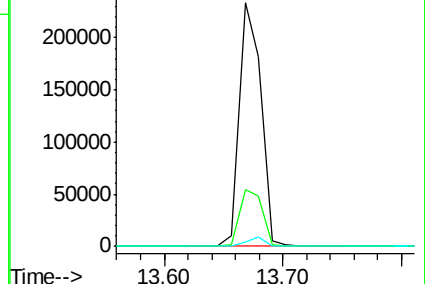
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.38 ng

RT: 14.29 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF089339.D

Acq: 27 Jul 2016 20:17

Tgt Ion:149 Resp: 499479

Ion Ratio Lower Upper

149 100

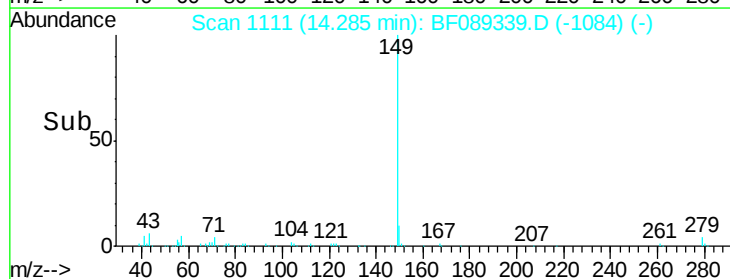
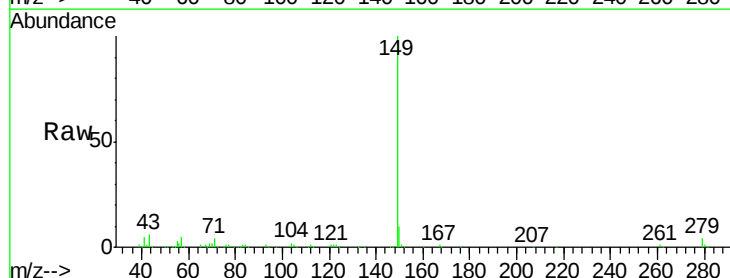
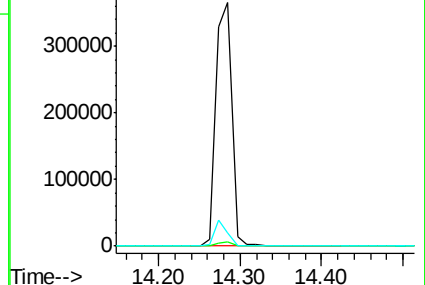
167 1.4 1.1 1.7

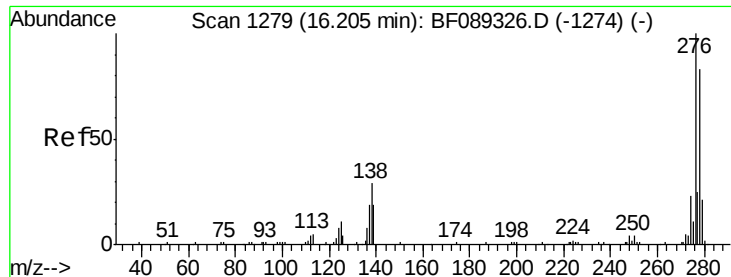
43 8.8 7.3 10.9

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





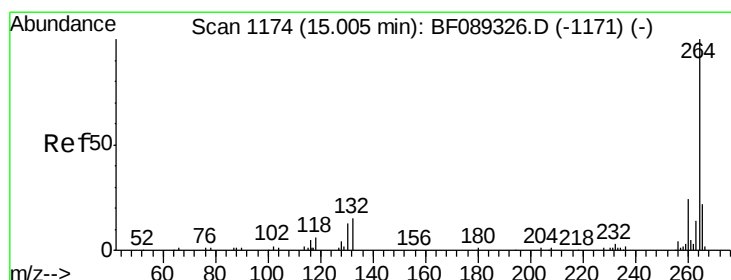
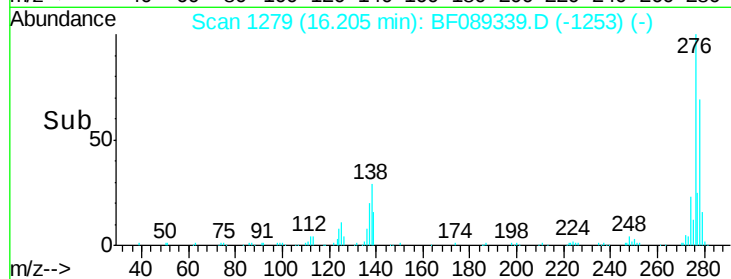
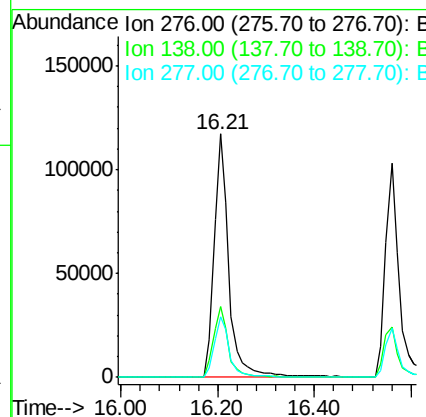
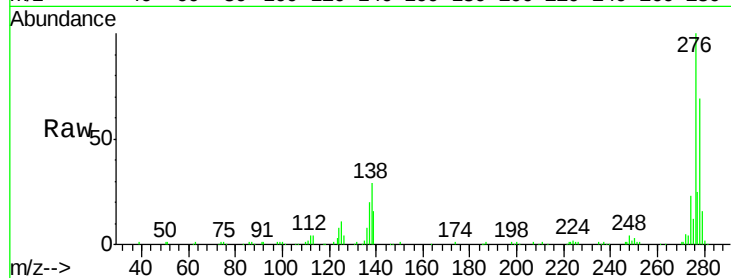
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.64 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.0	34.4
277	25.1	20.2	30.4

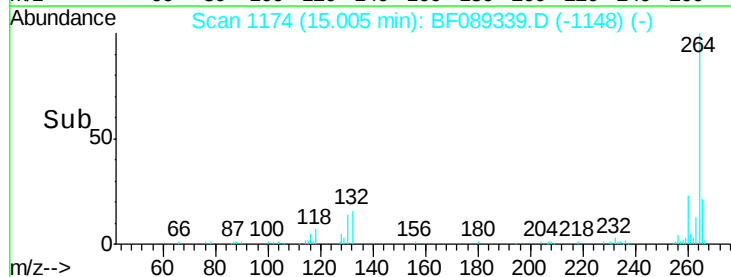
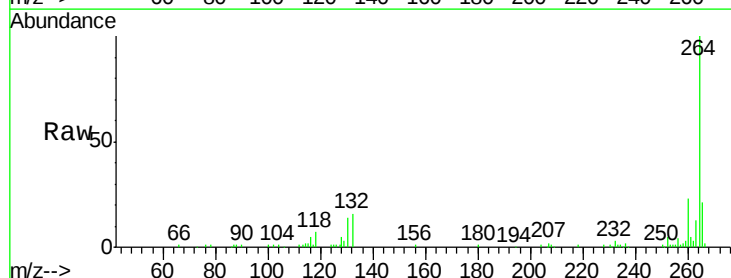
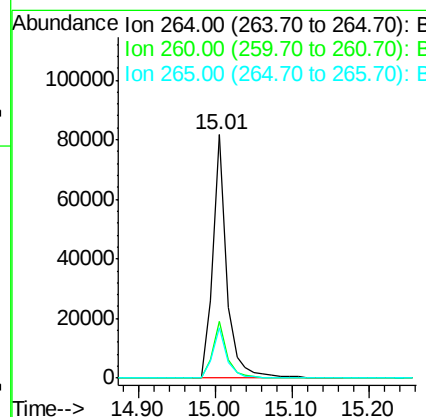
Manual Integrations

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	20.7	17.5	26.3





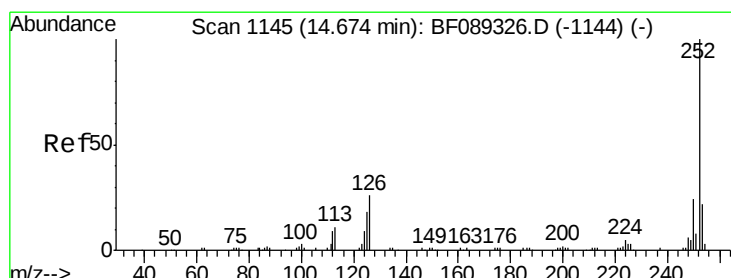
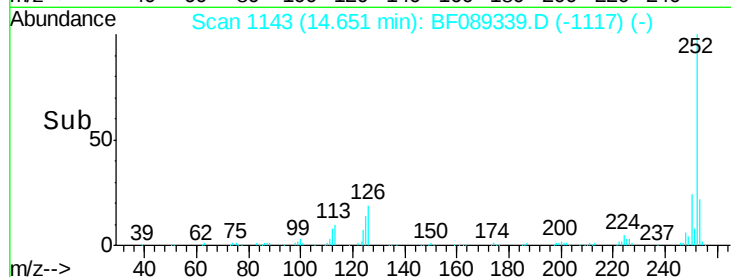
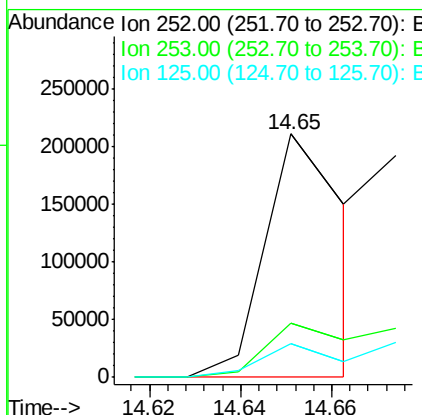
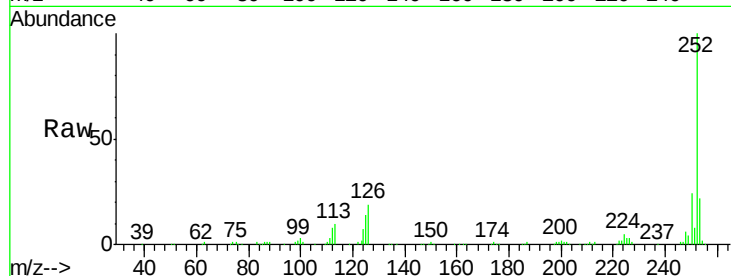
#87
Benzo(b)fluoranthene
Concen: 40.95 ng m
RT: 14.65 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	13.9	9.7	14.5

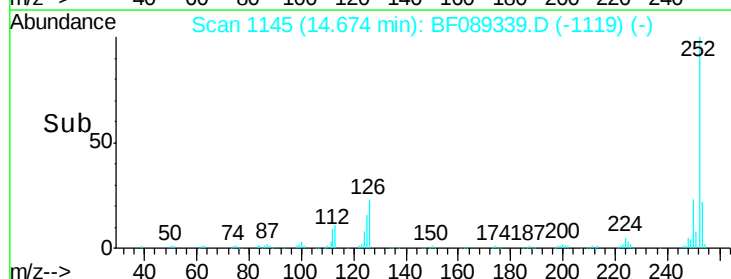
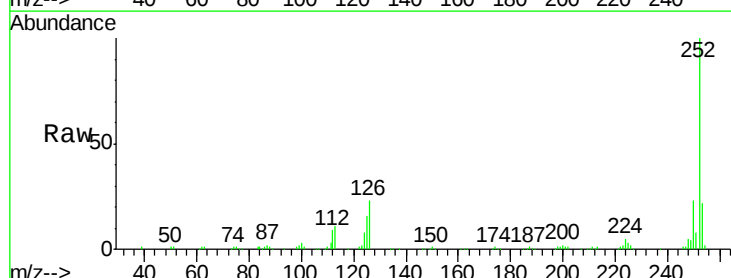
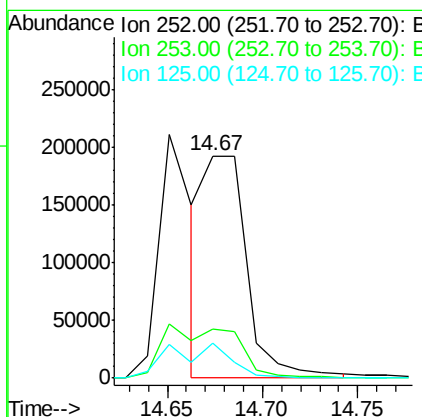
Manual Integrations

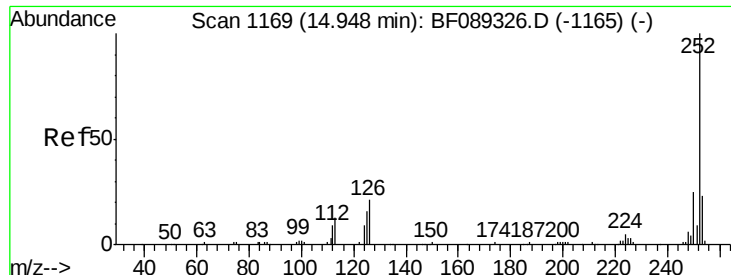
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#88
Benzo(k)fluoranthene
Concen: 51.85 ng m
RT: 14.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	16.0	10.7	16.1





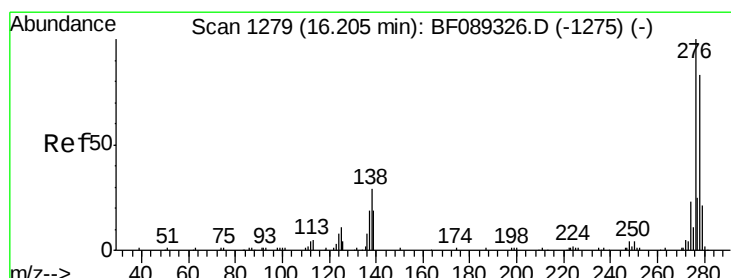
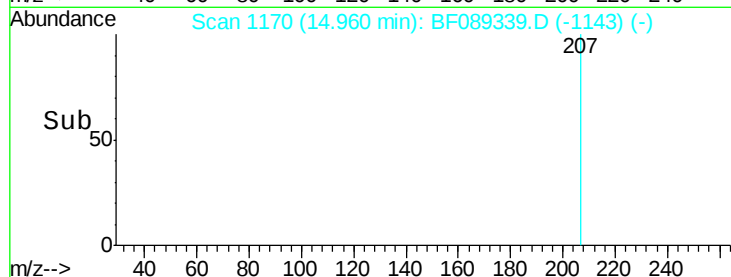
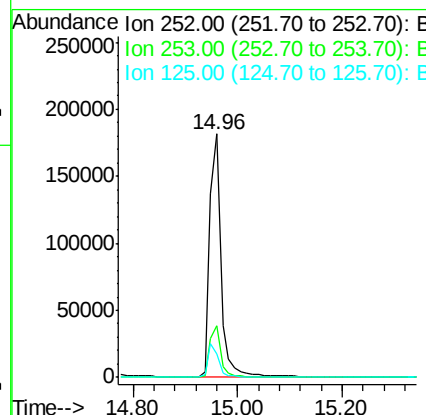
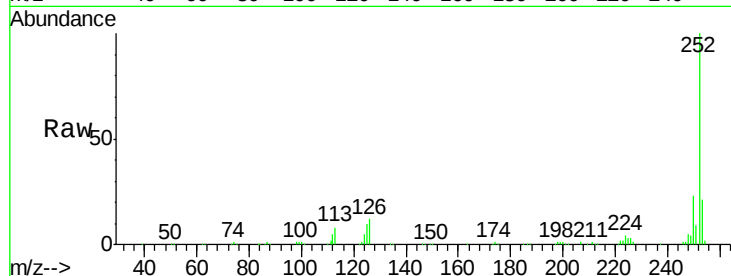
#89
Benzo(a)pyrene
Concen: 47.60 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.2
125	9.8	12.4	18.6

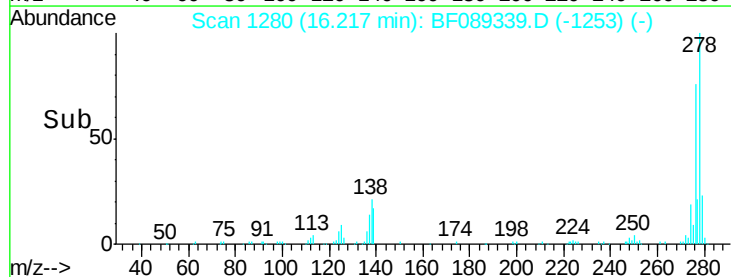
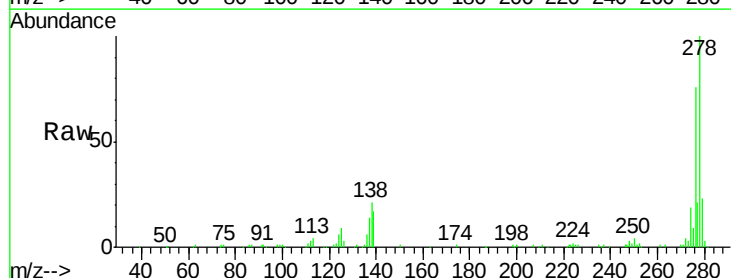
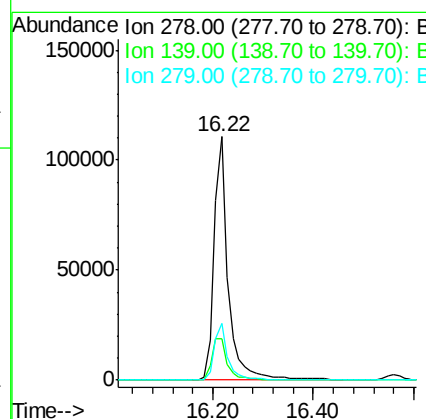
Manual Integrations

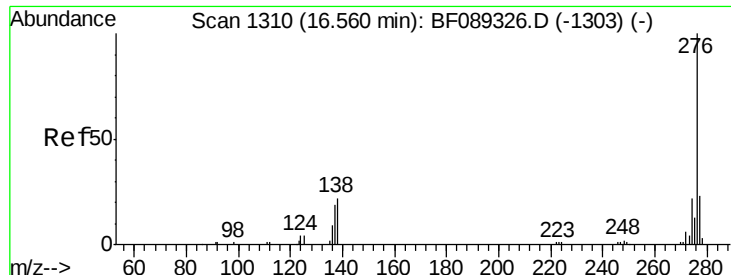
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#90
Dibenzo(a,h)anthracene
Concen: 47.85 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089339.D
Acq: 27 Jul 2016 20:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	16.3	24.5
279	23.1	19.1	28.7





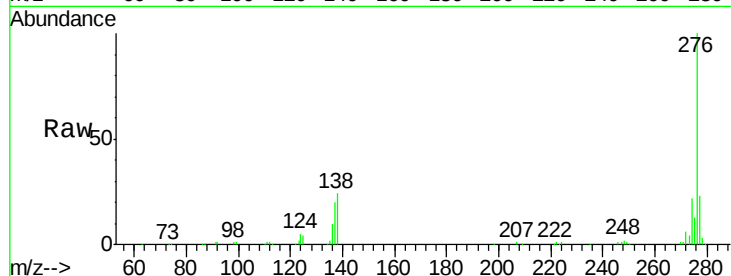
#91
 Benzo(a,h,i)perylene
 Concen: 48.04 ng
 RT: 16.56 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF089339.D
 Acq: 27 Jul 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.6	28.0
138	23.6	21.4	32.0

Manual Integrations

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

