

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087403.D
 Acq On : 26 May 2016 9:18
 Operator : UM/SJ
 Sample : H3220-16MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-COMPMS

Manual Integrations
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Quant Time: May 26 15:44:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	103242	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	400003	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	170436	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	278949	20.00	ng	0.00
75) Chrysene-d12	18.48	240	216023	20.00	ng	0.00
86) Perylene-d12	20.14	264	153004	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	964368	164.13	ng	0.03
7) Phenol-d6	7.10	99	1203150	151.55	ng	0.02
23) Nitrobenzene-d5	8.44	82	821515	103.51	ng	0.00
41) 2,4,6-Tribromophenol	13.68	330	214680	131.07	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1240669	102.62	ng	0.00
78) Terphenyl-d14	17.13	244	901461	88.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.90	88	114850	37.05	ng	# 66
3) Pyridine	2.49	79	283859	41.88	ng	# 63
4) n-Nitrosodimethylamine	2.46	42	285504	54.67	ng	# 43
6) Aniline	7.03	93	280198	27.28	ng	94
8) 2-Chlorophenol	7.21	128	366236	49.98	ng	89
9) Benzaldehyde	6.84	77	60137	13.72	ng	95
10) Phenol	7.11	94	451545	52.09	ng	# 70
11) bis(2-Chloroethyl)ether	7.16	93	344781	49.14	ng	# 81
12) 1,3-Dichlorobenzene	7.42	146	380570	47.62	ng	# 90
13) 1,4-Dichlorobenzene	7.55	146	385101	46.94	ng	97
14) 1,2-Dichlorobenzene	7.78	146	364568	48.04	ng	98
15) Benzyl Alcohol	7.83	79	345331	59.66	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.02	45	721336	45.69	ng	85
17) 2-Methylphenol	8.04	107	297084	50.59	ng	# 87
18) Hexachloroethane	8.30	117	129271	42.23	ng	98
19) n-Nitroso-di-n-propylamine	8.25	70	293012	49.49	ng	# 69
20) 3+4-Methylphenols	8.31	107	387826	54.63	ng	# 59
22) Acetophenone	8.20	105	526472	55.09	ng	# 94
24) Nitrobenzene	8.47	77	426525	50.91	ng	95
25) Isophorone	8.87	82	720771	50.64	ng	99
26) 2-Nitrophenol	8.98	139	175093	51.13	ng	# 86
27) 2,4-Dimethylphenol	9.13	122	308552	51.90	ng	89
28) bis(2-Chloroethoxy)methane	9.24	93	428955	53.50	ng	# 98
29) 2,4-Dichlorophenol	9.39	162	283468	52.91	ng	97
30) 1,2,4-Trichlorobenzene	9.48	180	314351	51.25	ng	99
31) Naphthalene	9.59	128	1005546	50.17	ng	100
32) Benzoic acid	9.38	122	28723	14.07	ng	# 75
33) 4-Chloroaniline	9.74	127	111494	15.10	ng	# 89
34) Hexachlorobutadiene	9.80	225	183365	49.18	ng	98
35) Caprolactam	10.36	113	82055m	52.47	ng	
36) 4-Chloro-3-methylphenol	10.60	107	313637	51.78	ng	# 86
37) 2-Methylnaphthalene	10.72	142	645703	51.57	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.99	216	275501	50.50	ng	99
40) Hexachlorocyclopentadiene	10.96	237	26976	20.05	ng	93

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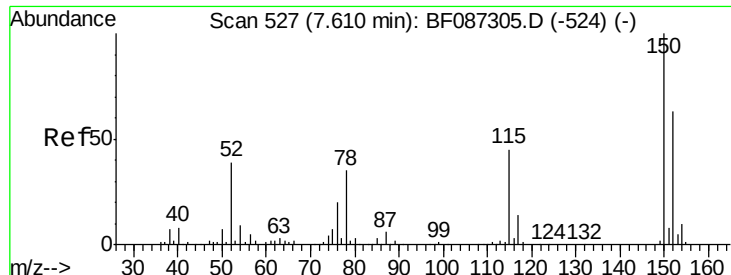
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.22	196	171811	54.56	nq	91
43) 2,4,5-Trichlorophenol	11.30	196	163137	50.87	nq	# 88
45) 1,1'-Biphenyl	11.48	154	748685	52.17	nq	96
46) 2-Chloronaphthalene	11.50	162	552382	50.32	nq	# 91
47) 2-Nitroaniline	11.71	65	227409	57.49	nq	# 70
48) Acenaphthylene	12.16	152	892208	51.33	nq	98
49) Dimethylphthalate	12.05	163	1004873	73.60	nq	99
50) 2,6-Dinitrotoluene	12.14	165	146291	53.18	nq	92
51) Acenaphthene	12.43	154	526520	49.29	nq	97
52) 3-Nitroaniline	12.40	138	101519	35.96	nq	87
53) 2,4-Dinitrophenol	12.62	184	32425	27.69	nq	# 76
54) Dibenzofuran	12.72	168	778860	53.85	nq	93
55) 4-Nitrophenol	12.80	139	122919	91.26	nq	# 59
56) 2,4-Dinitrotoluene	12.79	165	172868	47.01	nq	# 84
57) Fluorene	13.28	166	605915	48.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.96	232	126721m	51.37	nq	
59) Diethylphthalate	13.19	149	674831	50.84	nq	99
60) 4-Chlorophenyl-phenylether	13.30	204	287017	46.93	nq	98
61) 4-Nitroaniline	13.39	138	112314	42.62	nq	# 60
62) Azobenzene	13.57	77	754878	54.82	nq	86
64) 4,6-Dinitro-2-methylphenol	13.46	198	33135	18.68	nq	# 74
65) n-Nitrosodiphenylamine	13.52	169	508419	56.36	nq	100
66) 4-Bromophenyl-phenylether	14.09	248	159008	52.11	nq	95
67) Hexachlorobenzene	14.16	284	158206	49.57	nq	# 75
68) Atrazine	14.45	200	162337	56.45	nq	94
69) Pentachlorophenol	14.53	266	83829	84.16	nq	93
70) Phenanthrene	14.82	178	792914	51.32	nq	99
71) Anthracene	14.90	178	799595	51.23	nq	100
72) Carbazole	15.20	167	714388	53.66	nq	100
73) Di-n-butylphthalate	15.77	149	913476	53.06	nq	# 99
74) Fluoranthene	16.58	202	783559	50.57	nq	91
76) Benzidine	16.81	184	360806	64.91	nq	95
77) Pyrene	16.88	202	775887	49.90	nq	99
79) Butylbenzylphthalate	17.79	149	353358	51.24	nq	# 70
80) Benzo(a)anthracene	18.47	228	638610	51.97	nq	99
81) 3,3'-Dichlorobenzidine	18.45	252	171942	25.33	nq	98
82) Chrysene	18.50	228	619515	50.80	nq	99
83) Bis(2-ethylhexyl)phthalate	18.54	149	499581	49.65	nq	# 94
84) Di-n-octyl phthalate	19.31	149	796406	51.90	nq	# 86
85) Indeno(1,2,3-cd)pyrene	21.37	276	420688	43.03	nq	94
87) Benzo(b)fluoranthene	19.74	252	522082	53.57	nq	# 94
88) Benzo(k)fluoranthene	19.76	252	478198m	57.00	nq	
89) Benzo(a)pyrene	20.08	252	454850	53.96	nq	# 97
90) Dibenzo(a,h)anthracene	21.37	278	360327	50.12	nq	# 95
91) Benzo(g,h,i)perylene	21.71	276	341085	48.08	nq	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

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BNA_F

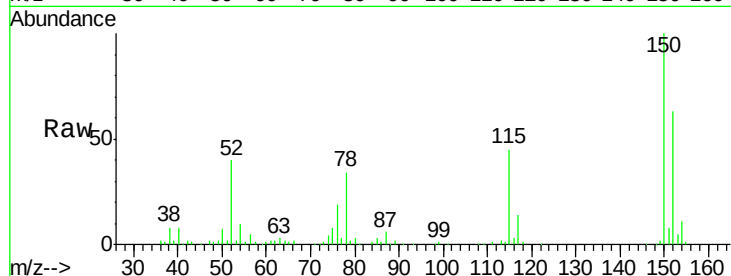
ClientSampleId :

SB-29-COMPMS

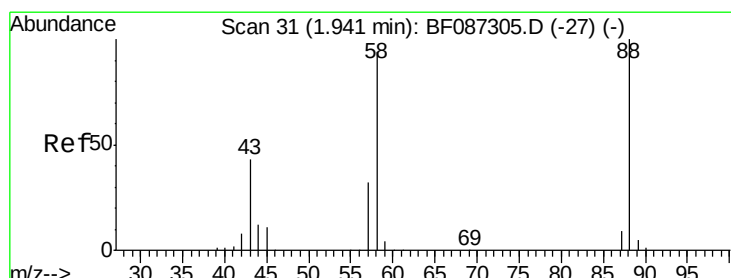
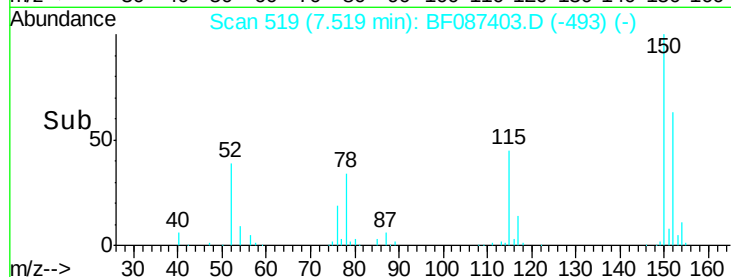
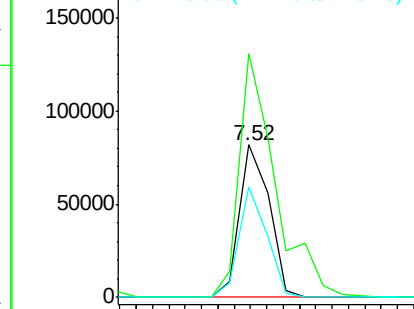
Tot Ion:	152	Resp:	103242
Ion Ratio	Lower	Upper	
152	100		
150	159.5	125.8	188.6
115	72.2	51.5	77.3

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



#2

1,4-Dioxane

Concen: 37.05 ng

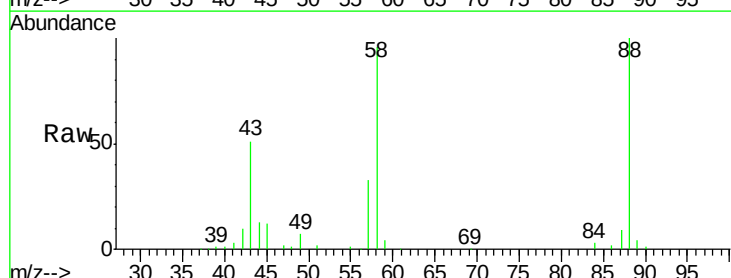
RT: 1.90 min Scan# 27

Delta R.T. 0.08 min

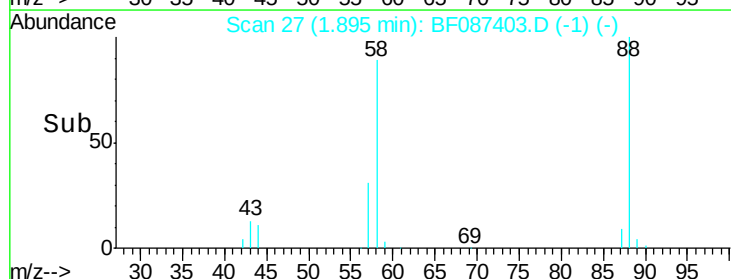
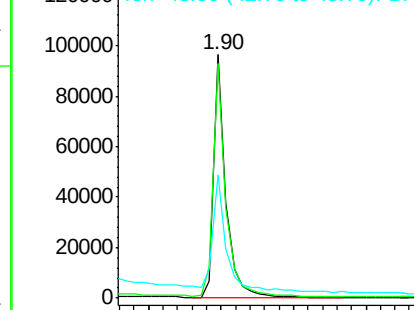
Lab File: BF087403.D

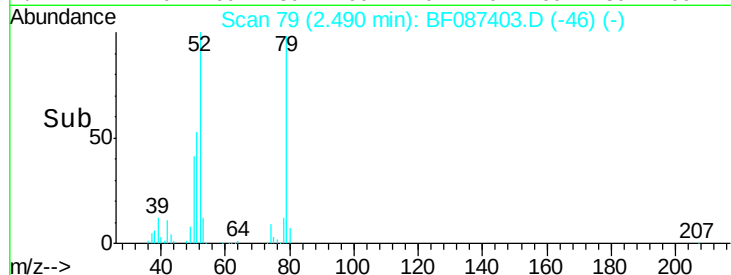
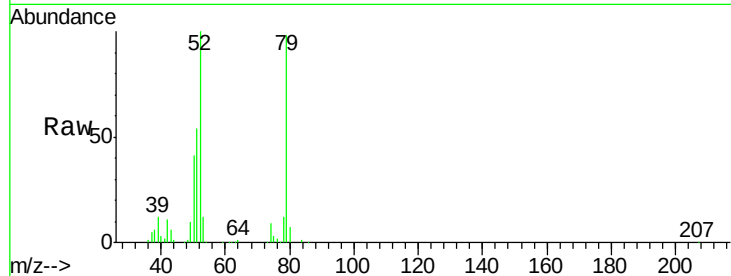
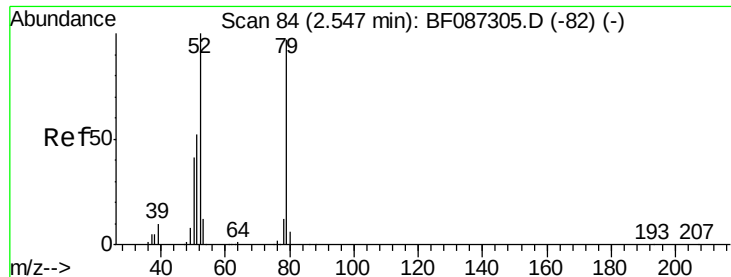
Acq: 26 May 2016 9:18

Tgt Ion:	88	Resp:	114850
Ion Ratio	Lower	Upper	
88	100		
58	96.6	59.6	89.4#
43	55.3	21.8	32.6#



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





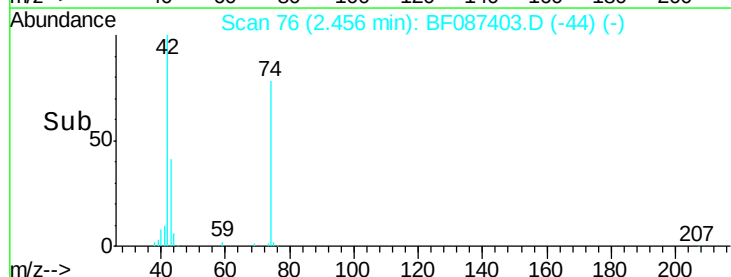
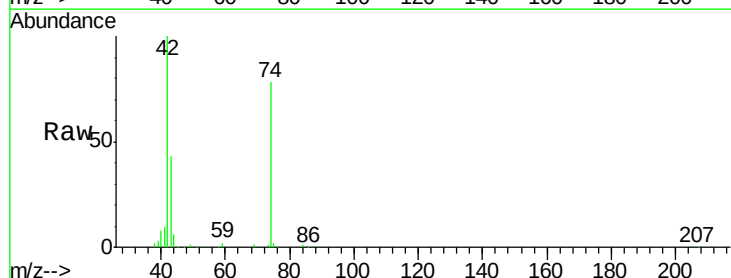
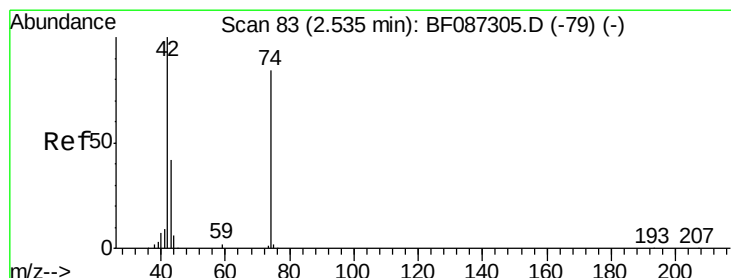
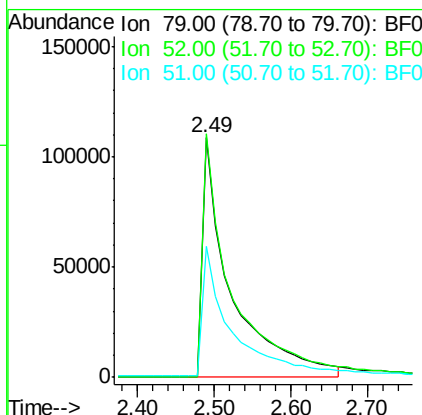
#3
 Pvridine
 Concen: 41.88 ng
 RT: 2.49 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tot Ion	Ratio	Lower	Upper
79	100		
52	101.7	55.9	83.9#
51	54.6	28.1	42.1#

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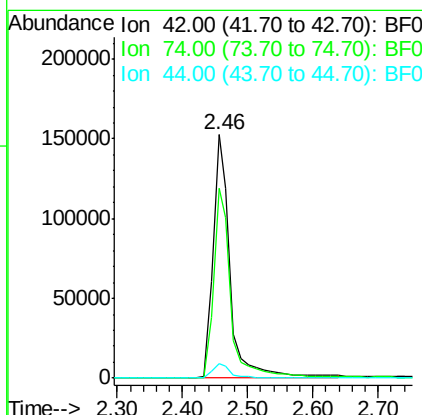
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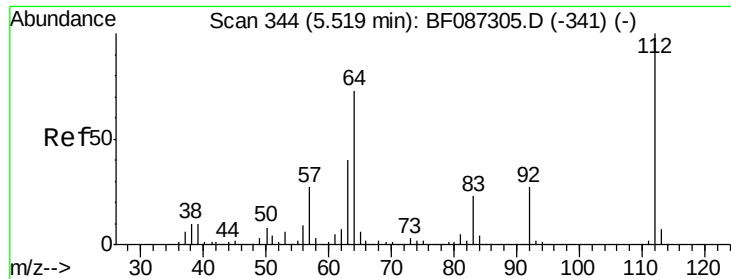
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#4
 n-Nitrosodimethylamine
 Concen: 54.67 ng
 RT: 2.46 min Scan# 76
 Delta R.T. 0.07 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	77.9	123.4	185.0#
44	6.0	5.8	8.6





#5

2-Fluorophenol

Concen: 164.13 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.03 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

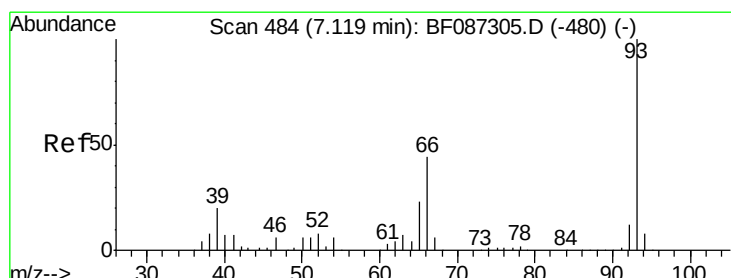
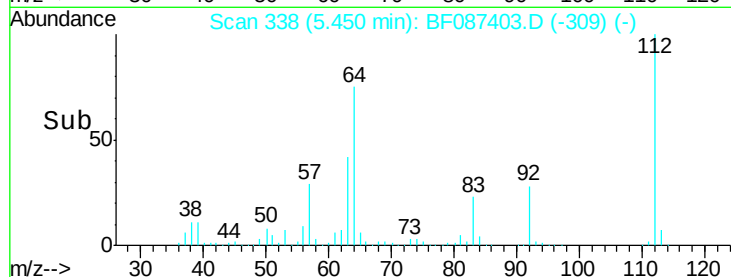
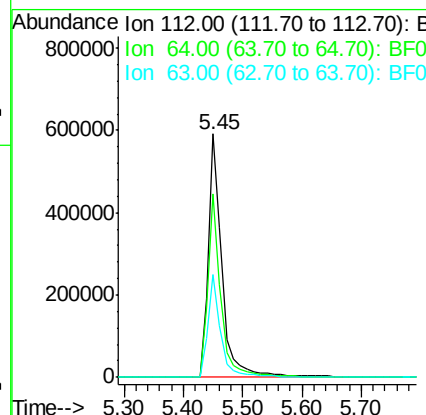
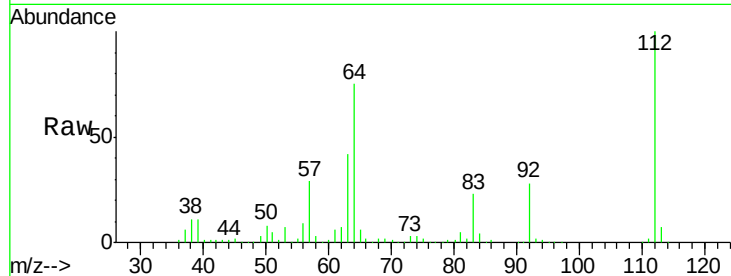
ClientSampleId :

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Tot Ion:	112	Resp:	964368
Ion Ratio	Lower	Upper	
112	100		
64	75.3	52.1	78.1
63	42.3	25.7	38.5#

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#6

Aniline

Concen: 27.28 ng

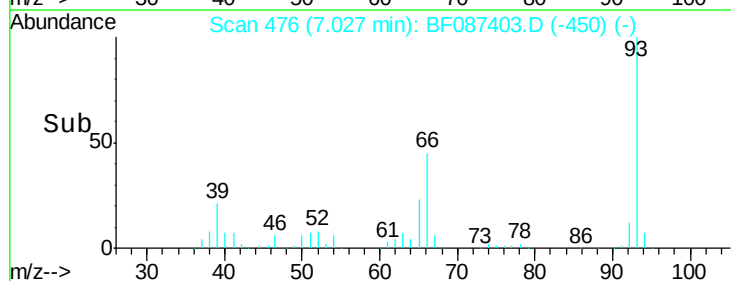
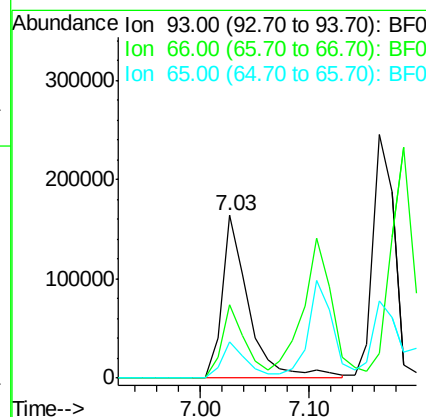
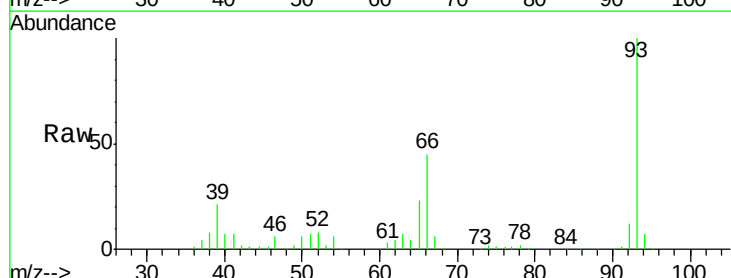
RT: 7.03 min Scan# 476

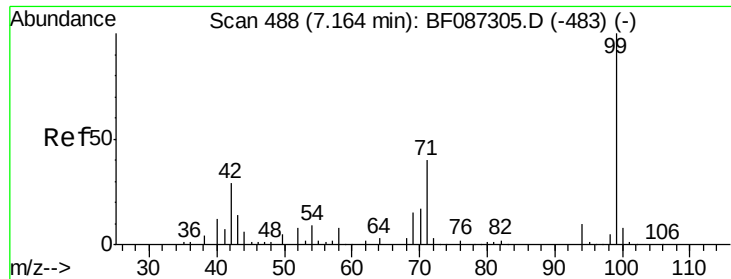
Delta R.T. 0.00 min

Lab File: BF087403.D

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Tgt Ion:	93	Resp:	280198
Ion Ratio	Lower	Upper	
93	100		
66	45.0	39.0	58.6
65	22.7	20.6	31.0





#7

Phenol-d6

Concen: 151.55 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.02 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1203150

Ion Ratio Lower Upper

99 100

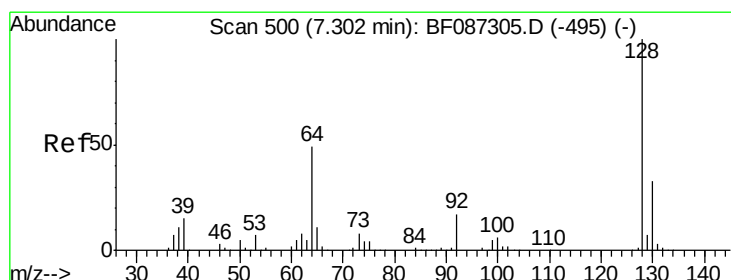
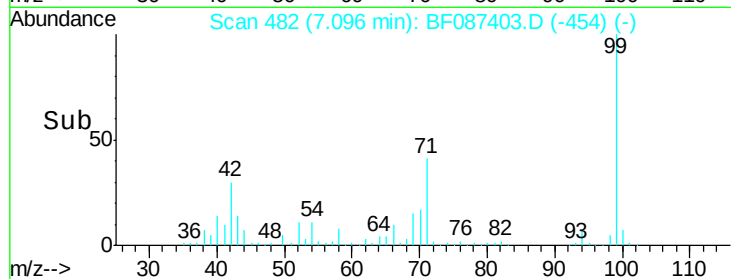
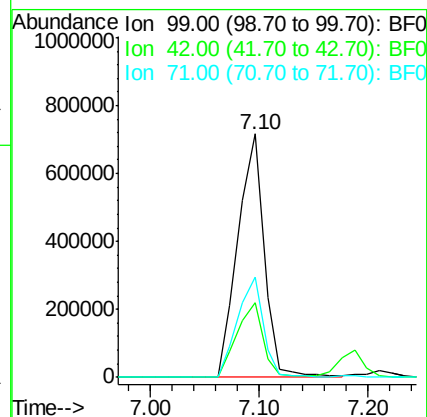
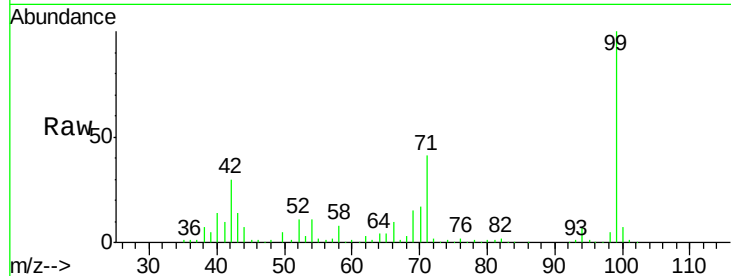
42 30.5 13.6 20.4#

71 41.0 24.6 36.8#

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#8

2-Chlorophenol

Concen: 49.98 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF087403.D

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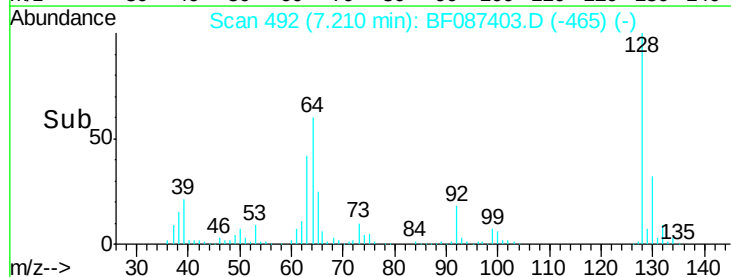
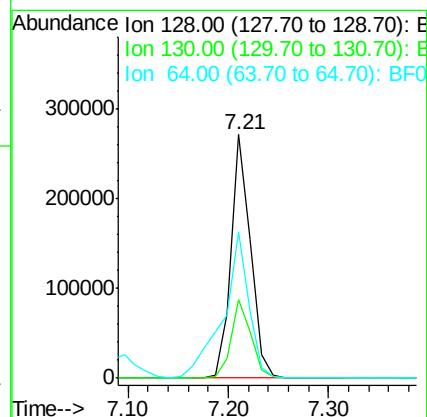
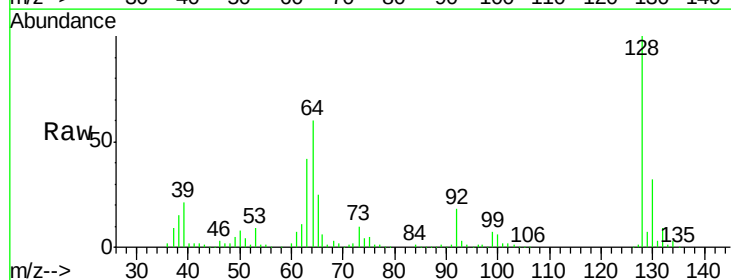
Tgt Ion: 128 Resp: 366236

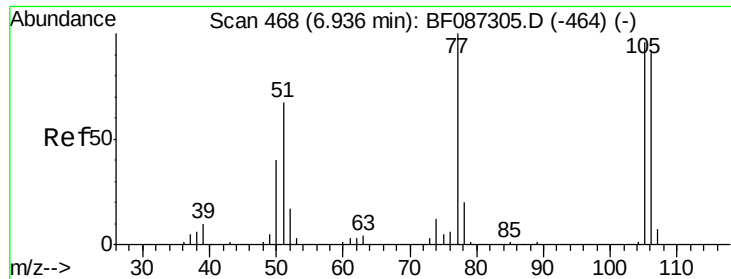
Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

64 59.9 27.3 67.3





#9

Benzaldehyde

Concen: 13.72 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

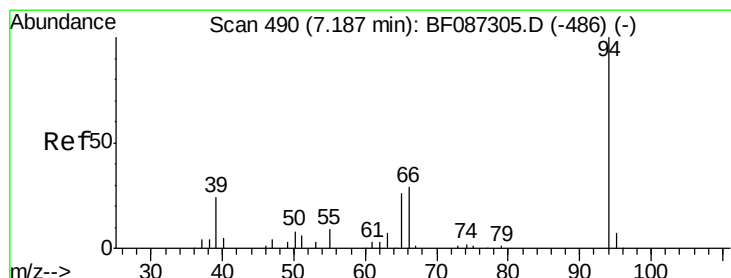
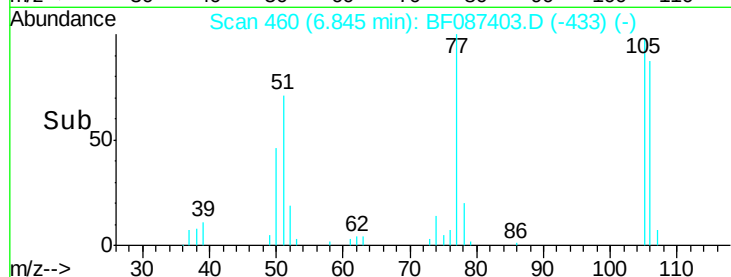
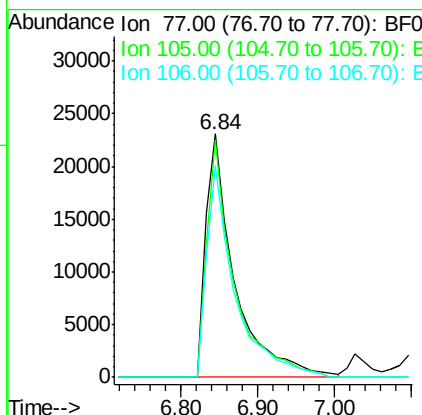
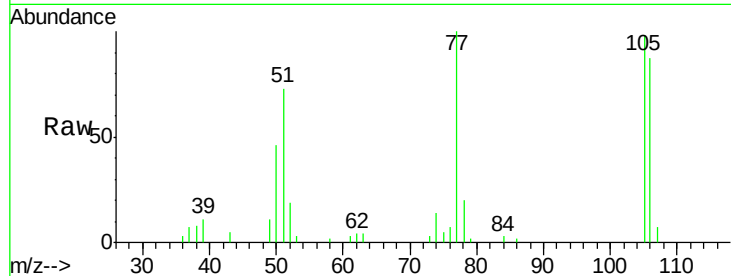
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Tot Ion:	77	Resp:	60137
Ion	Ratio	Lower	Upper
77	100		
105	97.6	72.7	112.7
106	86.7	70.8	110.8

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#10

Phenol

Concen: 52.09 ng

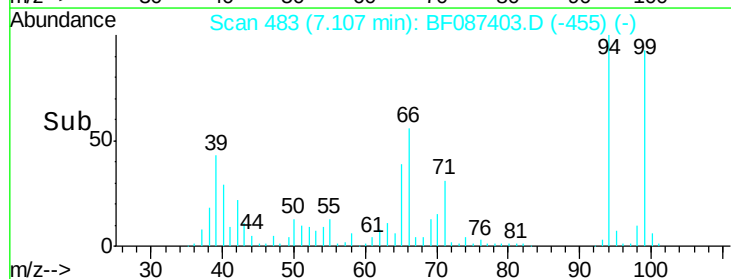
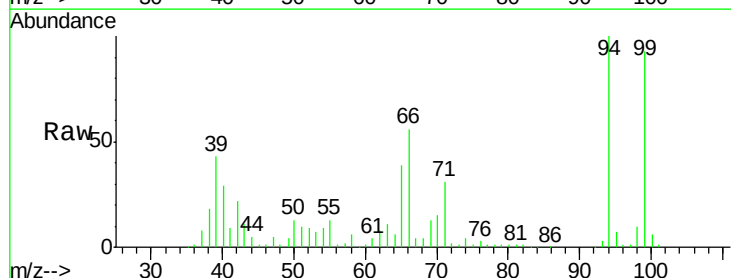
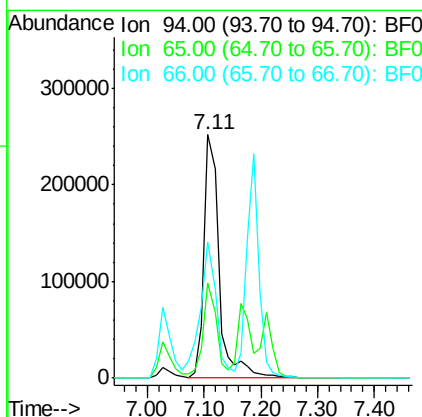
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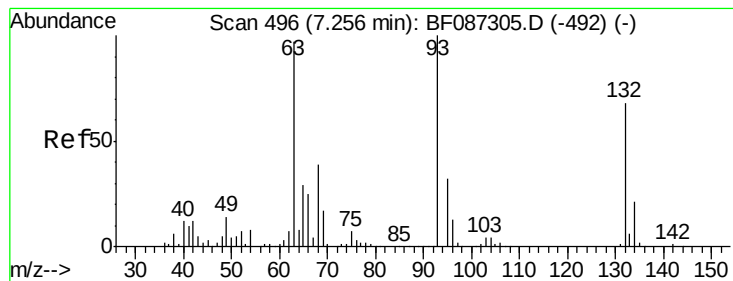
Delta R.T. 0.02 min

Lab File: BF087403.D

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Tgt Ion:	94	Resp:	451545
Ion	Ratio	Lower	Upper
94	100		
65	38.9	7.2	47.2
66	55.9	14.9	54.9#





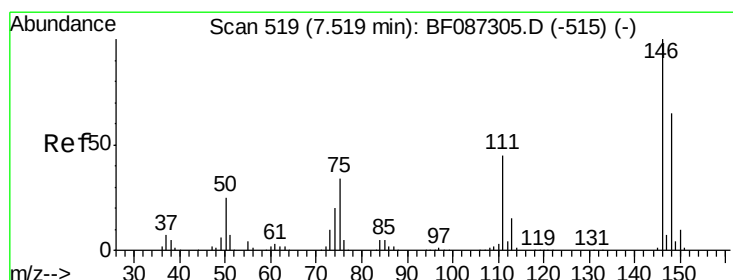
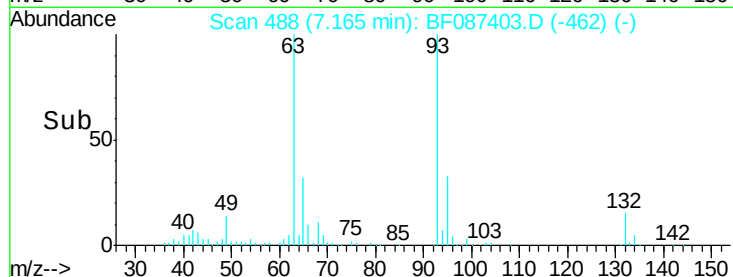
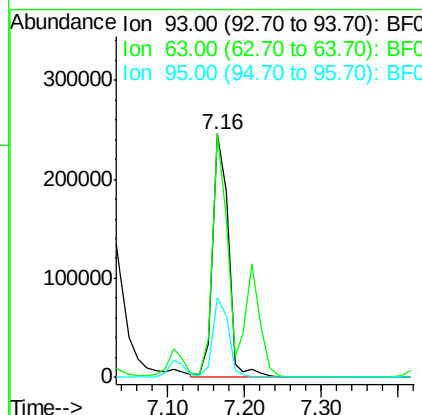
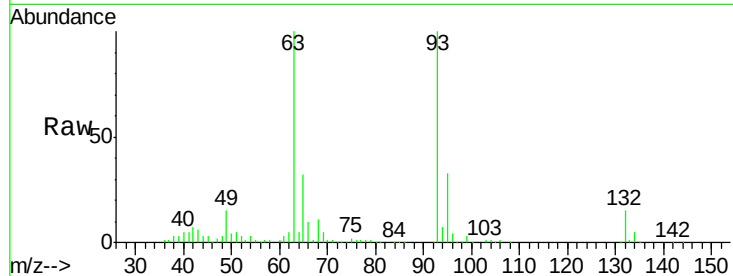
#11
bis(2-Chloroethyl)ether
Concen: 49.14 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	100.1	58.0	98.0#	
95	33.0	11.9	51.9	

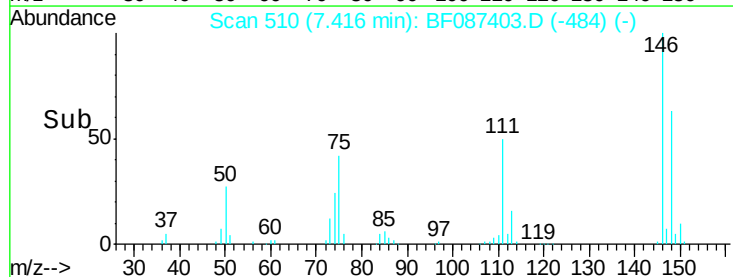
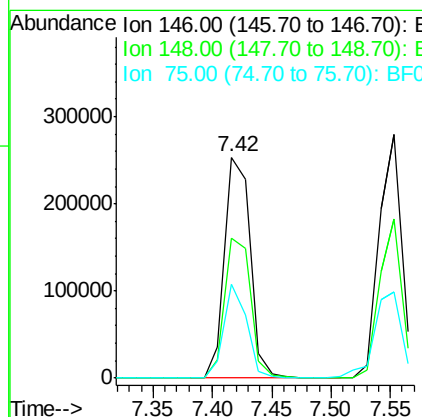
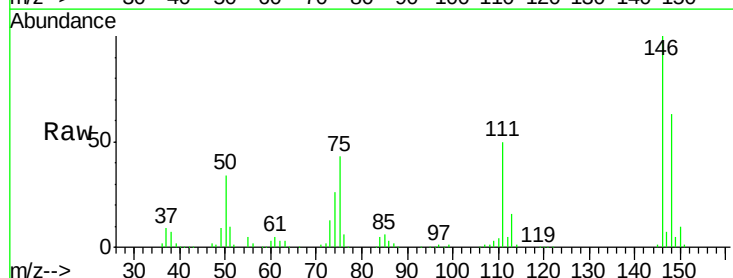
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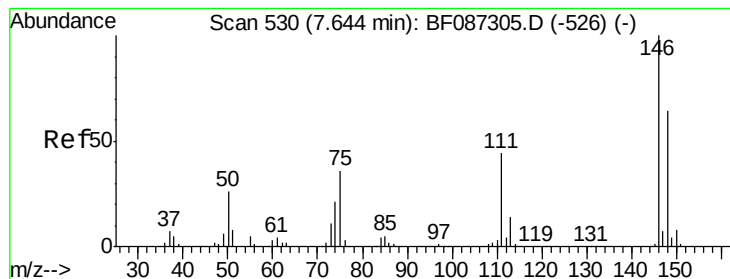
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#12
1,3-Dichlorobenzene
Concen: 47.62 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.2	52.4	78.6	
75	42.8	22.8	34.2#	





#13

1,4-Dichlorobenzene

Concen: 46.94 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

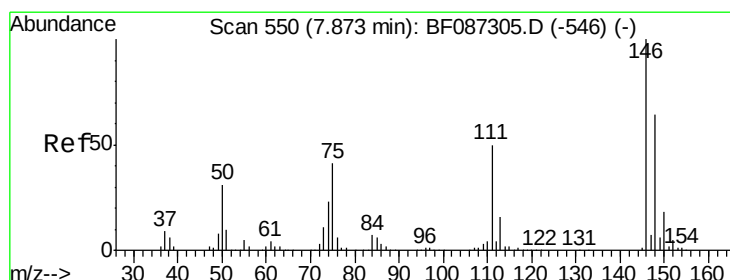
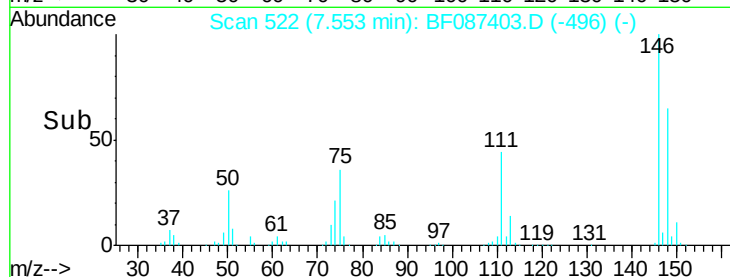
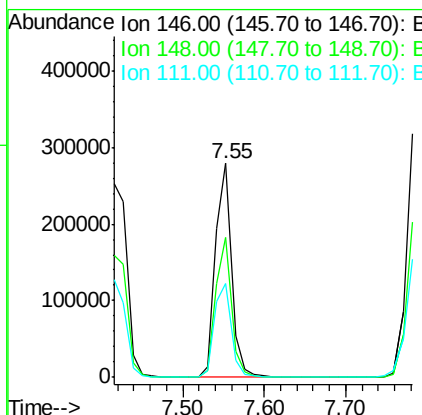
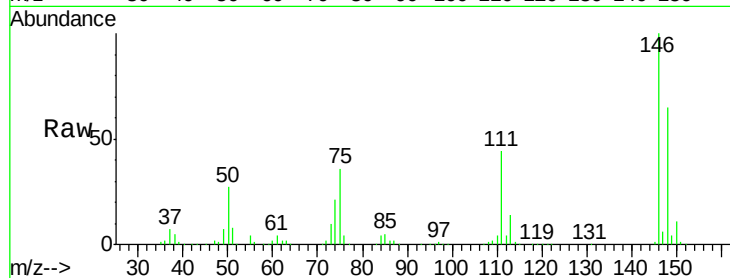
ClientSampleId :

SB-29-COMPMS

Tot Ion:	146	Resp:	385101
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.2	78.4
111	44.0	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 48.04 ng

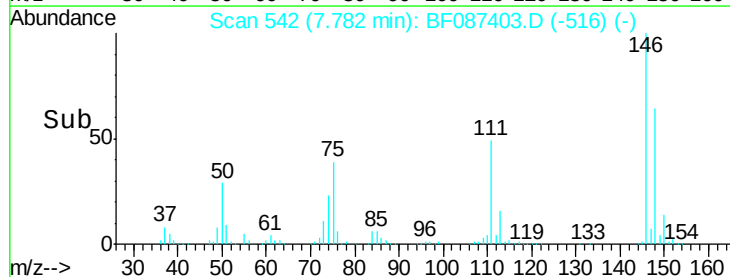
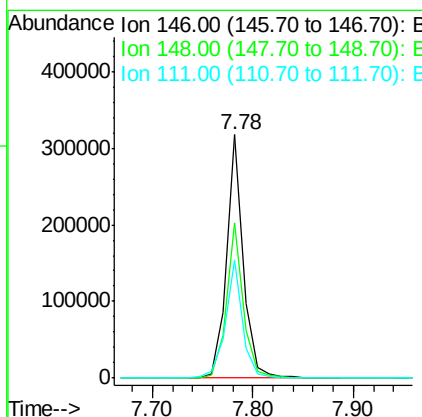
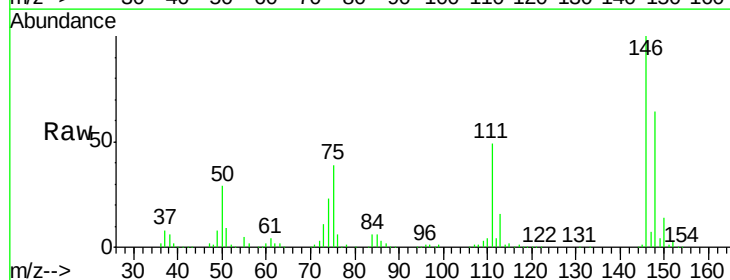
RT: 7.78 min Scan# 542

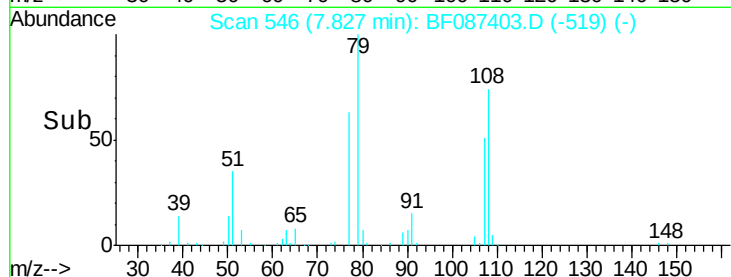
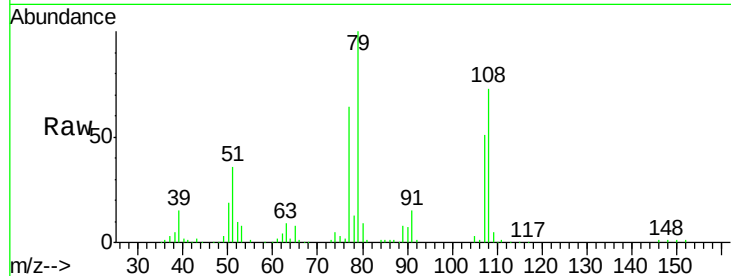
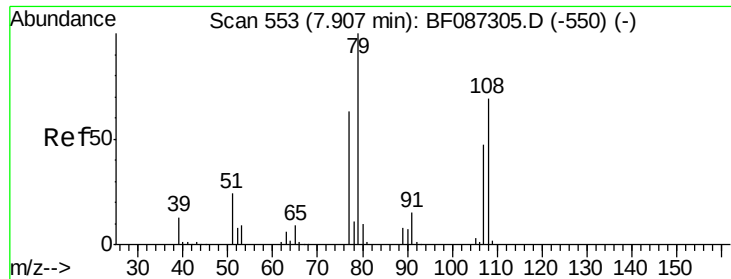
Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:	146	Resp:	364568
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.0	76.6
111	48.7	36.2	54.4





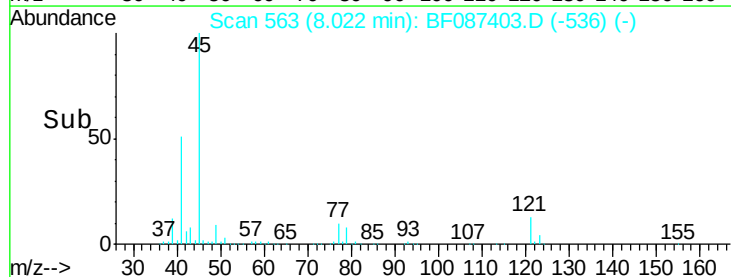
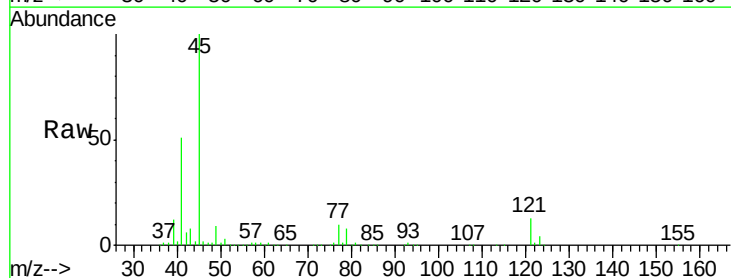
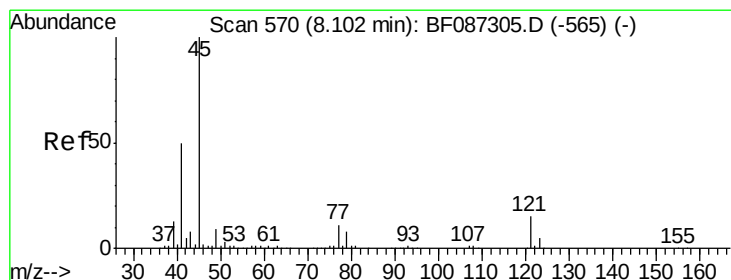
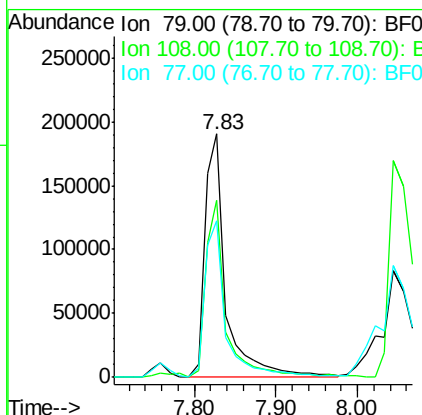
#15
Benzyl Alcohol
Concen: 59.66 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.8	68.4	102.6
77	64.2	50.6	76.0

Instrument :
BNA_F
ClientSampled :
SB-29-COMPMS

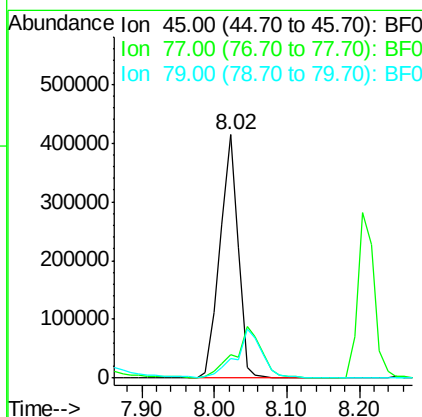
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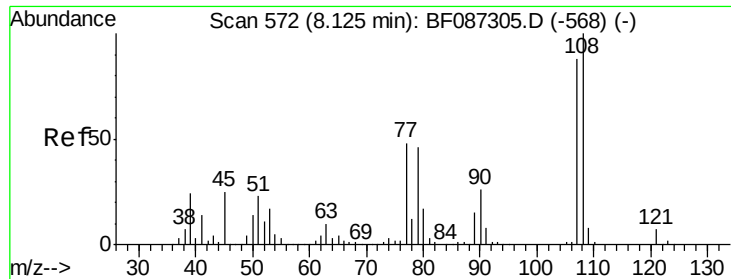
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.69 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	36.4
79	7.8	0.0	33.4





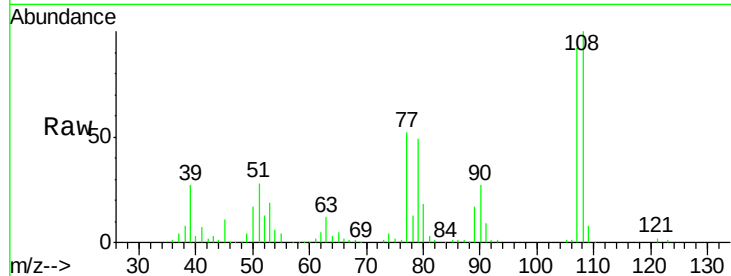
#17
2-Methylphenol
Concen: 50.59 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	297084		
108	109.0	93.7	140.5	
77	56.3	33.4	50.0#	
79	53.8	34.3	51.5#	

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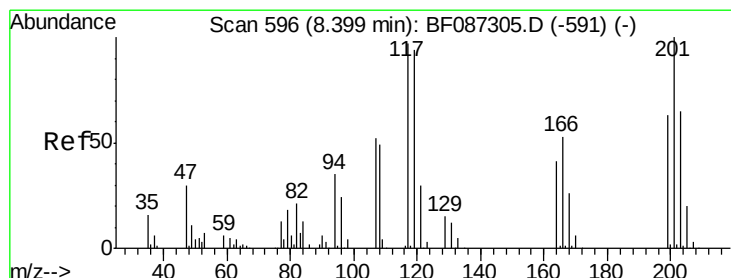
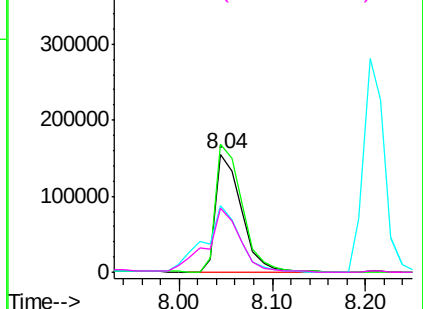
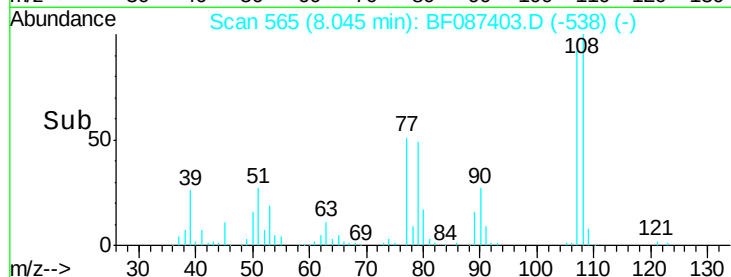
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

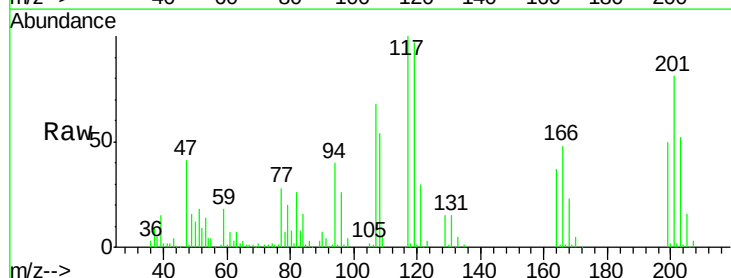
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 42.23 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	129271		
119	96.7	76.5	114.7	
201	81.1	63.0	94.6	

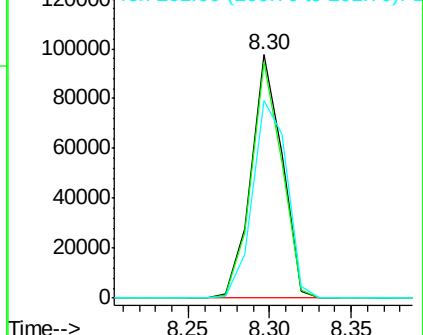
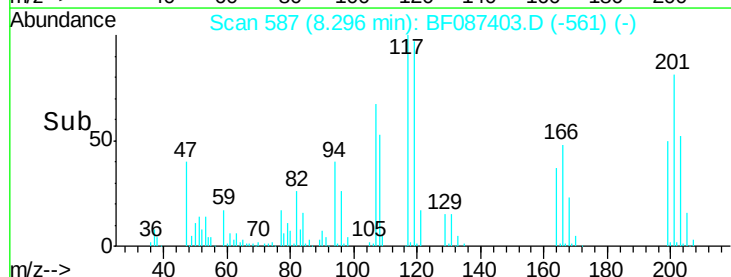


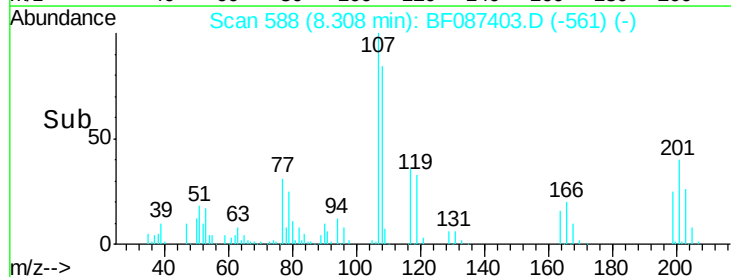
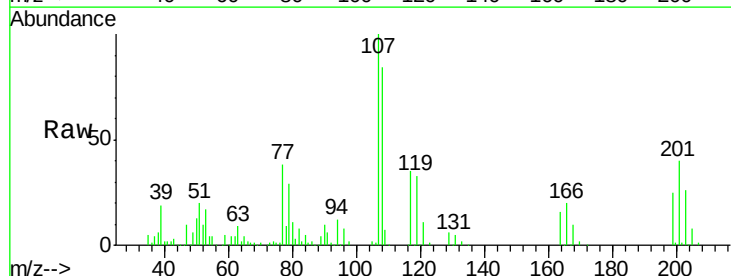
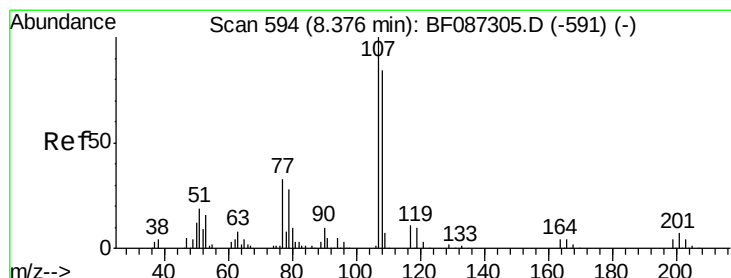
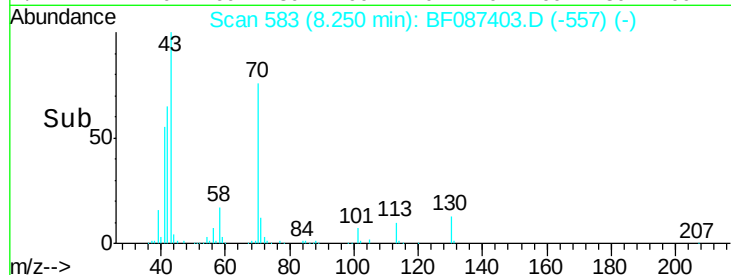
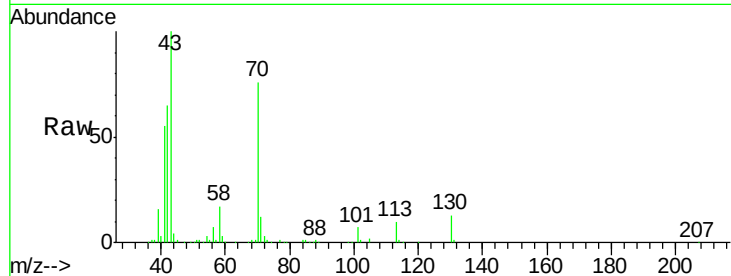
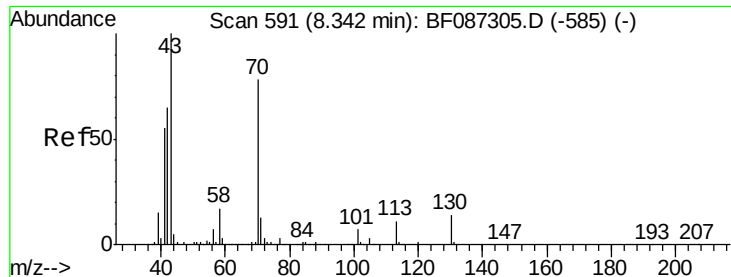
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 49.49 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

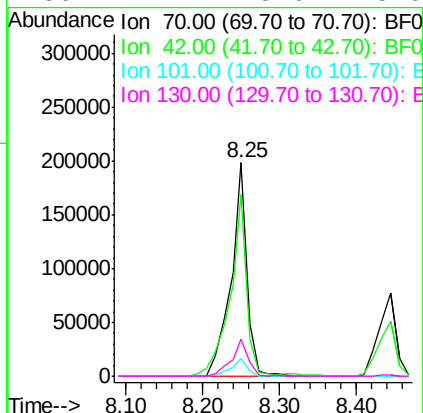
ClientSampleId :

SB-29-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	84.9	43.1	64.7#	
101	8.6	8.1	12.1	
130	17.2	18.6	28.0#	

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#20

3+4-Methylphenols

Concen: 54.63 ng

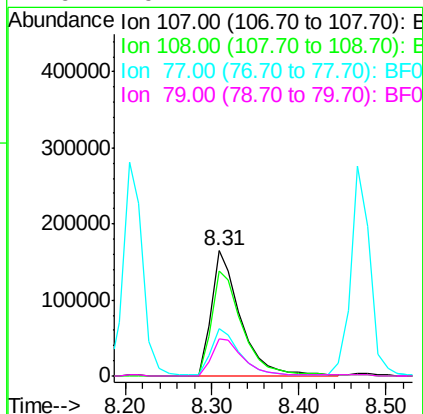
RT: 8.31 min Scan# 588

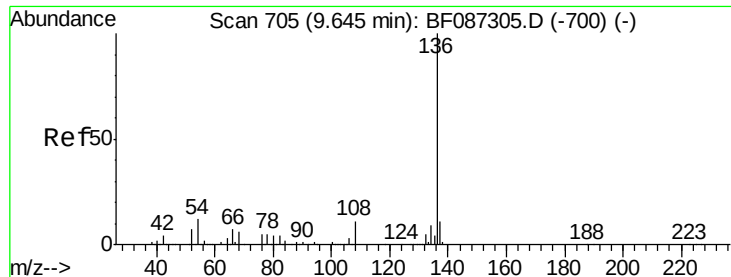
Delta R.T. 0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.2	68.5	108.5	
77	37.5	101.6	141.6#	
79	29.4	7.4	47.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

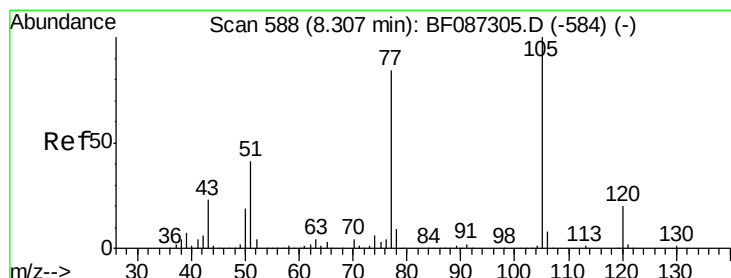
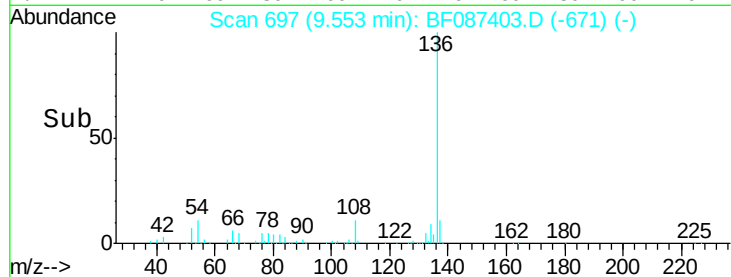
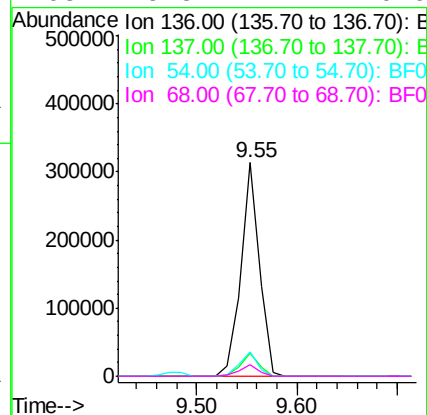
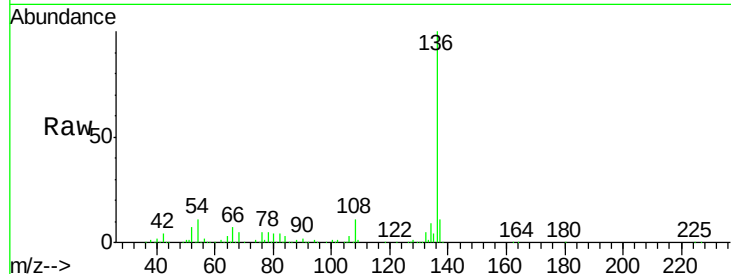
ClientSampleId :

SB-29-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	400003		
137	10.9	8.8	13.2	
54	11.4	5.0	7.4	
68	5.3	4.4	6.6	

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#22

Acetophenone

Concen: 55.09 ng

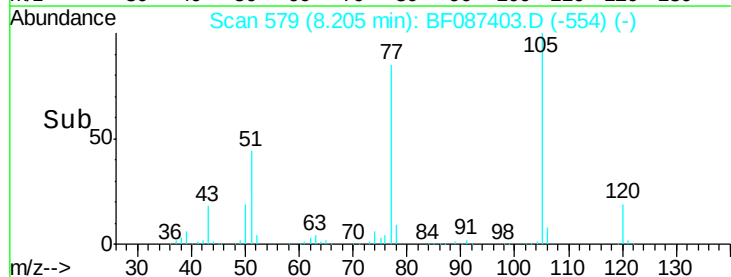
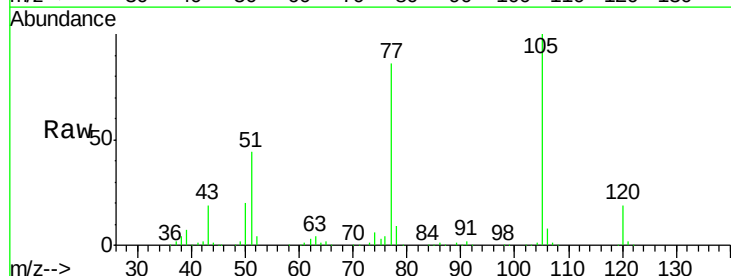
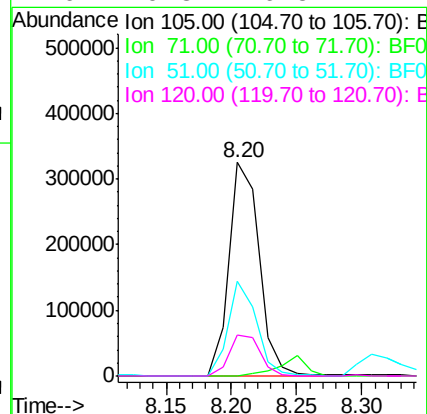
RT: 8.20 min Scan# 579

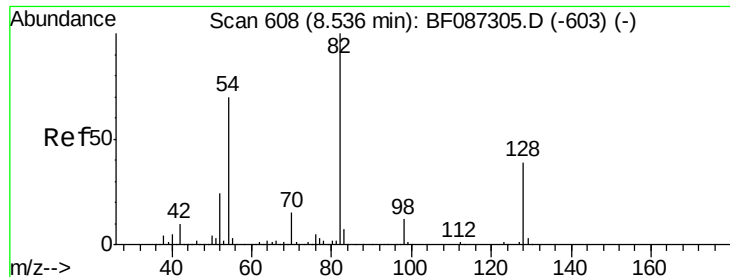
Delta R.T. -0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	526472		
71	0.1	4.8	7.2	
51	44.2	32.6	49.0	
120	19.3	16.5	24.7	





#23

Nitrobenzene-d5

Concen: 103.51 ng

RT: 8.44 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

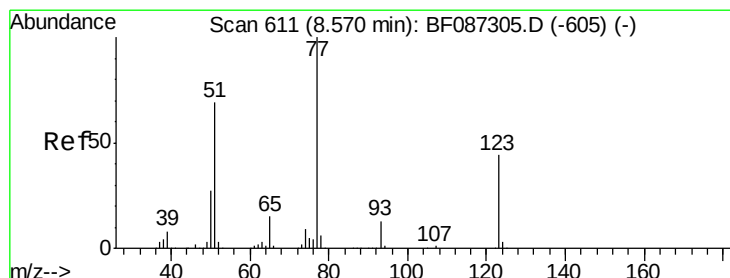
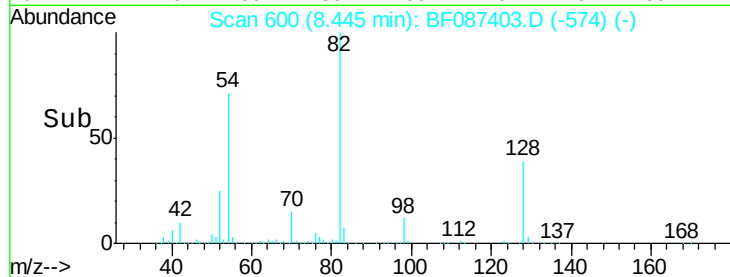
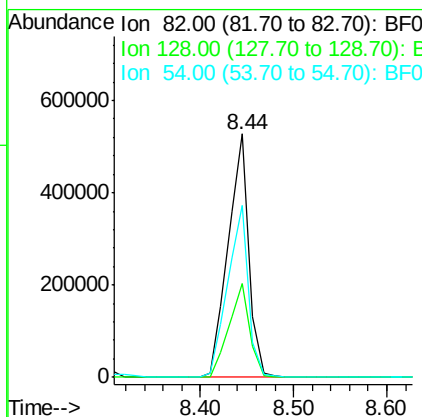
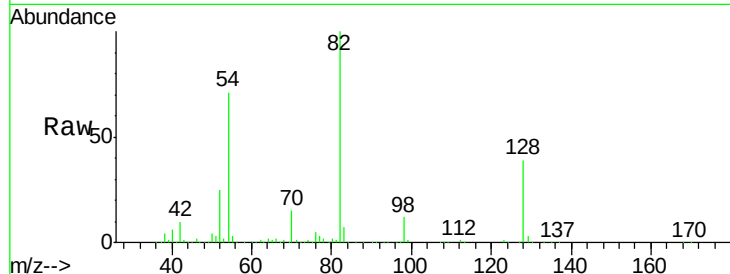
ClientSampled :

SB-29-COMPMS

Tot Ion:	82	Resp:	821515
Ion Ratio		Lower	Upper
82	100		
128	38.6	40.6	61.0#
54	70.6	38.1	57.1#

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#24

Nitrobenzene

Concen: 50.91 ng

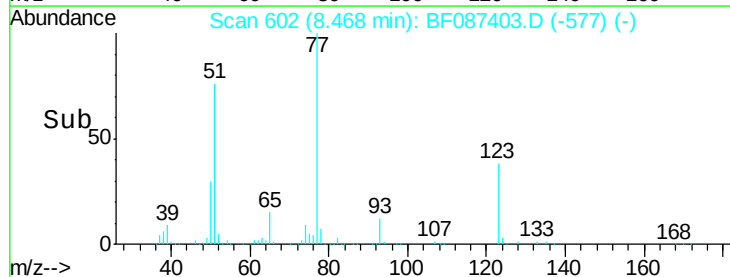
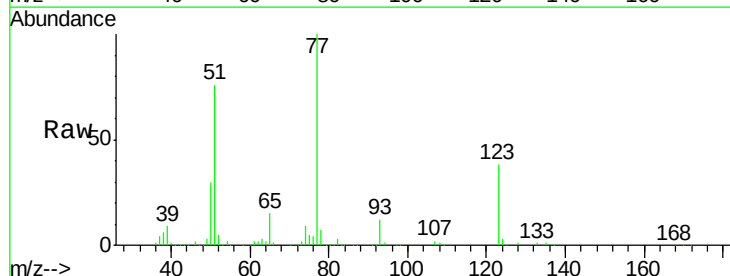
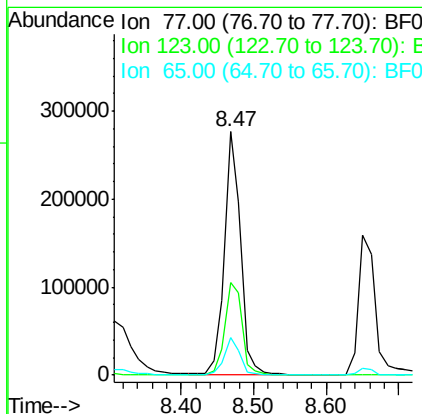
RT: 8.47 min Scan# 602

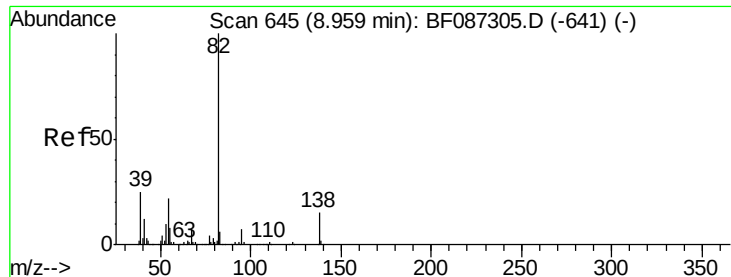
Delta R.T. -0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:	77	Resp:	426525
Ion Ratio		Lower	Upper
77	100		
123	37.9	33.0	49.4
65	15.4	10.8	16.2





#25

Isophorone

Concen: 50.64 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

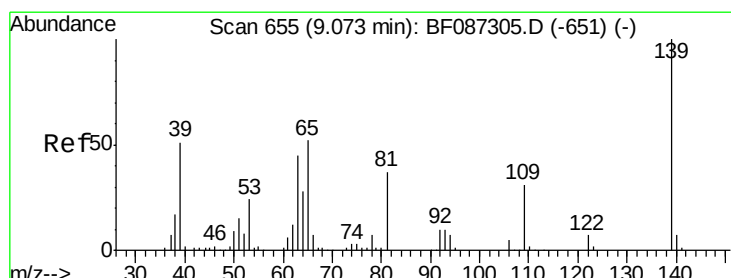
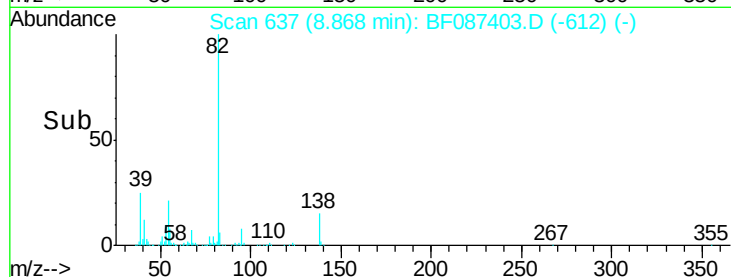
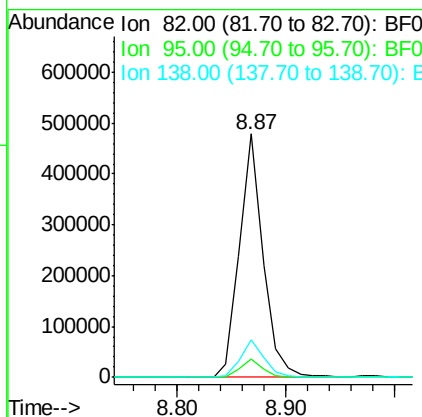
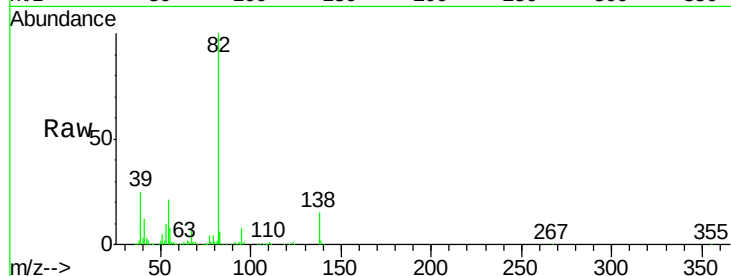
ClientSampleId :

SB-29-COMPMS

Tot Ion:	82	Resp:	720771
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.1	7.7
138	15.2	12.4	18.6

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#26

2-Nitrophenol

Concen: 51.13 ng

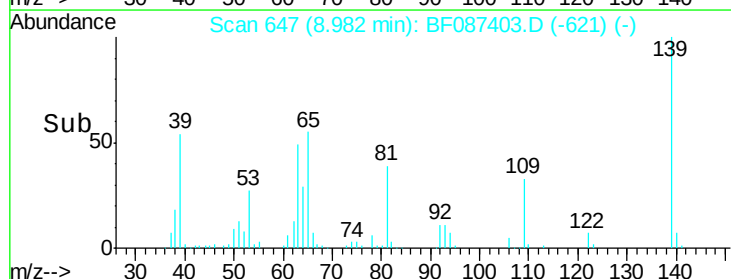
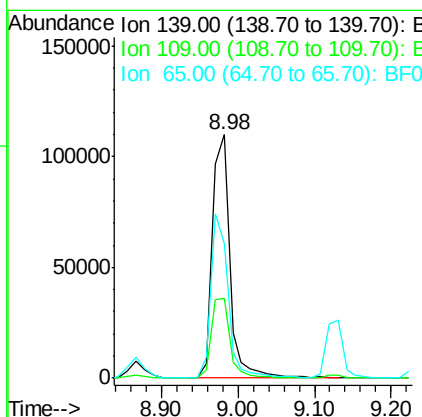
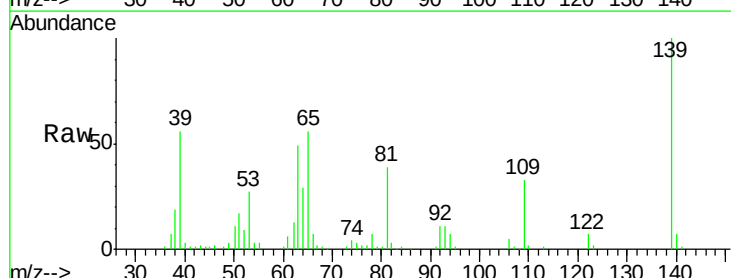
RT: 8.98 min Scan# 647

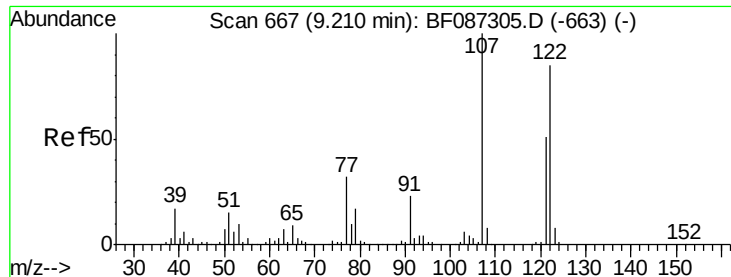
Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:	139	Resp:	175093
Ion Ratio	Lower	Upper	
139	100		
109	32.9	19.5	29.3#
65	55.5	37.5	56.3





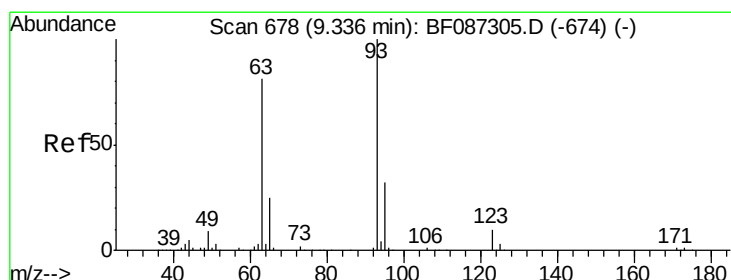
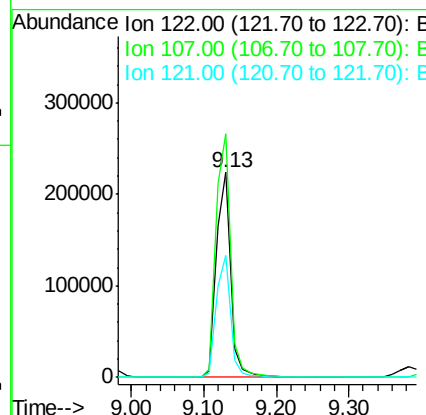
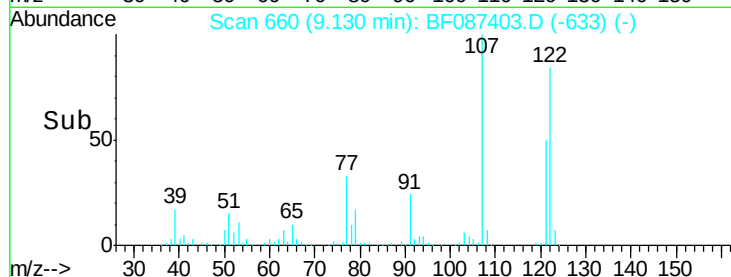
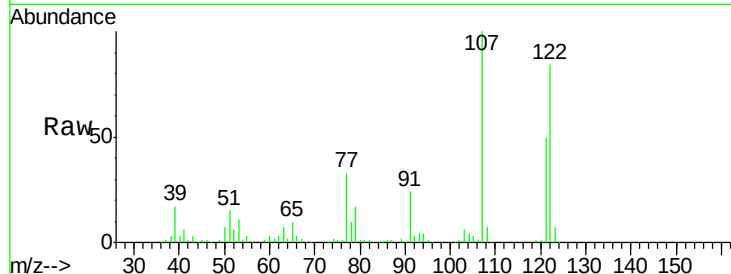
#27
 2,4-Dimethylphenol
 Concen: 51.90 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	308552		
107	118.7	82.0	123.0	
121	59.8	46.1	69.1	

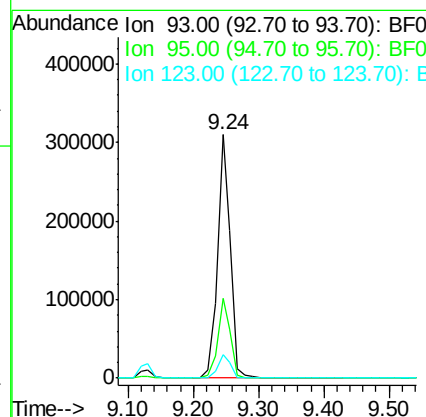
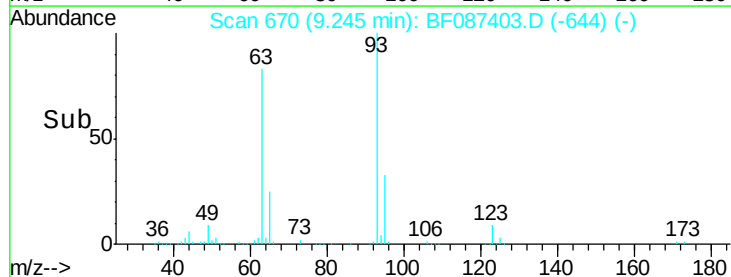
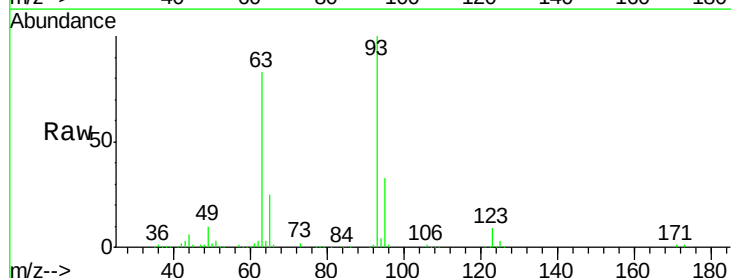
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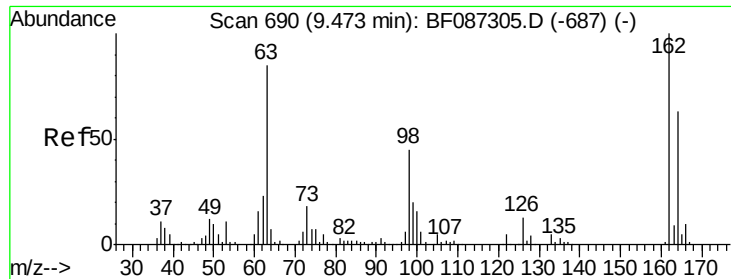
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#28
 bis(2-Chloroethoxy)methane
 Concen: 53.50 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	428955		
95	32.6	26.0	39.0	
123	9.5	9.5	14.3	





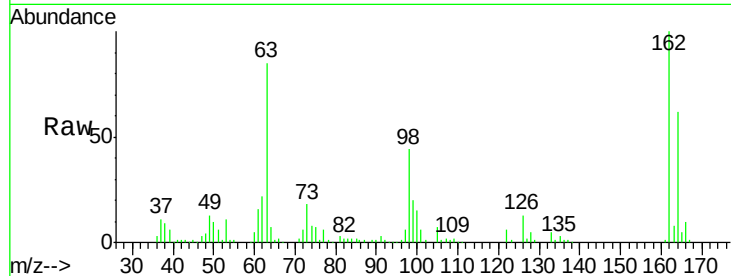
#29
2,4-Dichlorophenol
Concen: 52.91 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

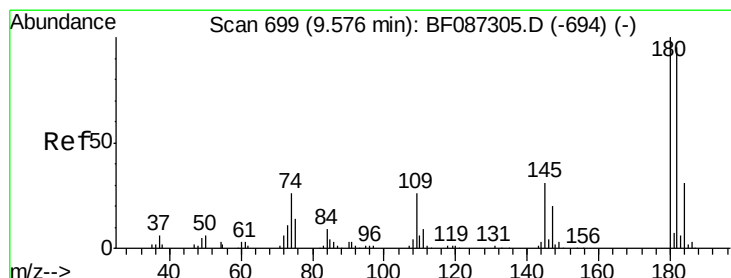
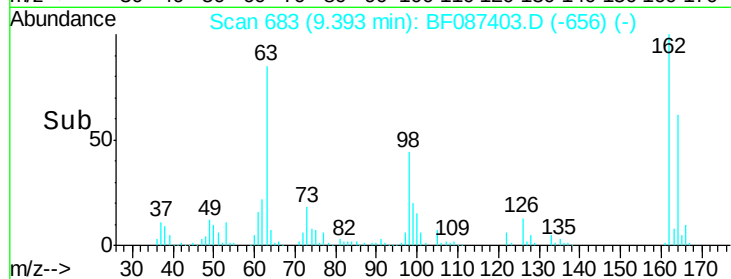
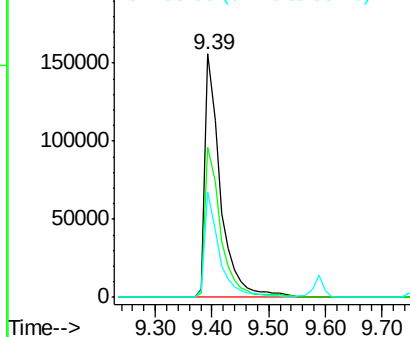
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		283468		
164	61.9	42.2	82.2		
98	43.5	19.0	59.0		

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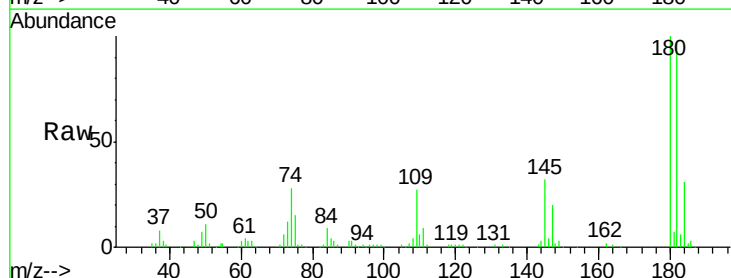


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

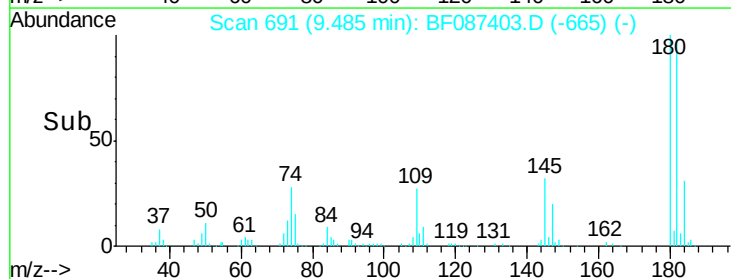
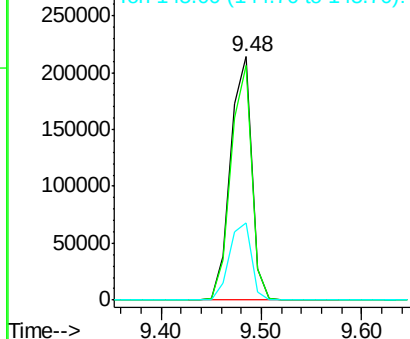


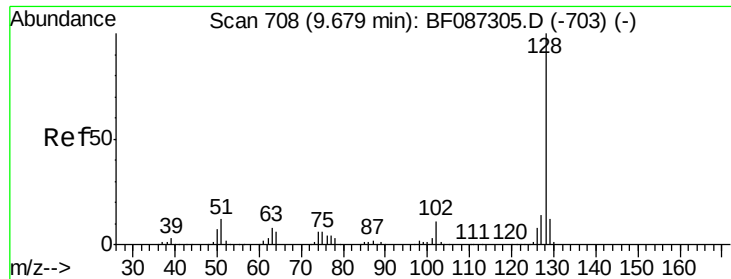
#30
1,2,4-Trichlorobenzene
Concen: 51.25 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		314351		
182	96.5	78.0	117.0		
145	31.6	24.2	36.2		



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





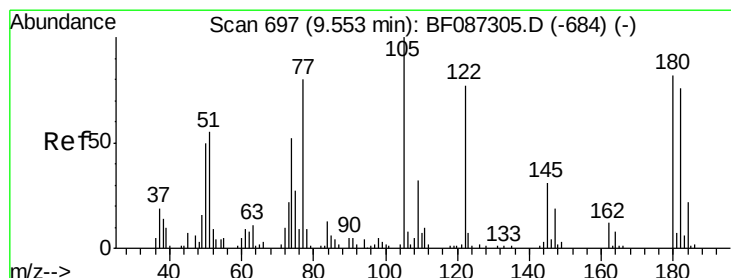
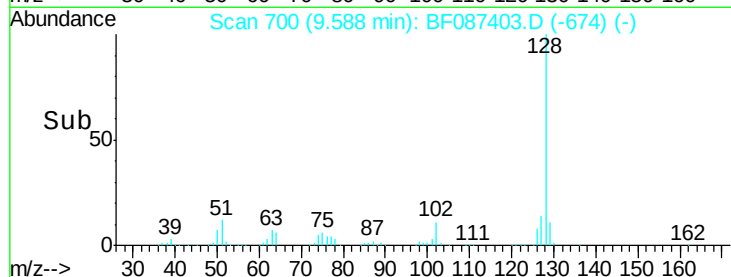
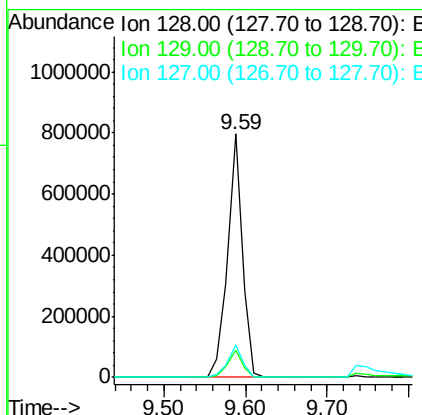
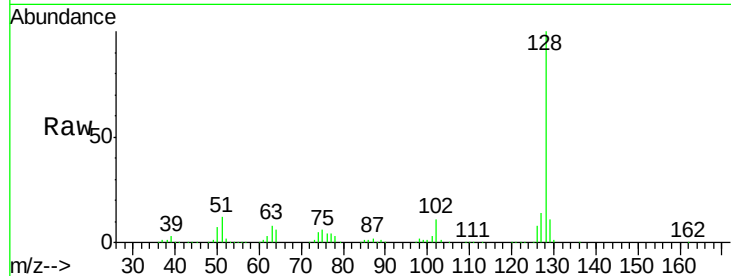
#31
Naphthalene
Concen: 50.17 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

Tot Ion:128 Resp: 1005546
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.5 10.8 16.2

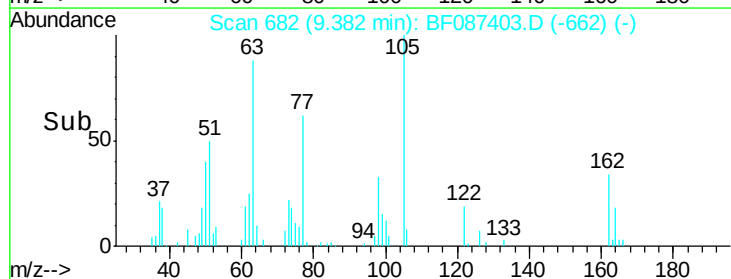
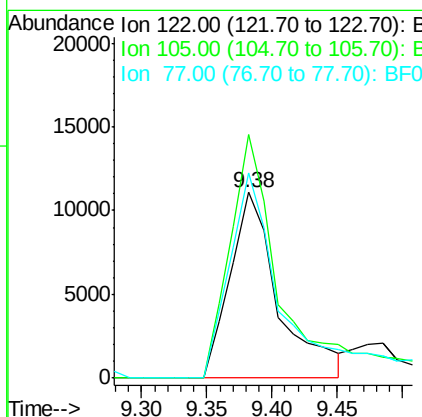
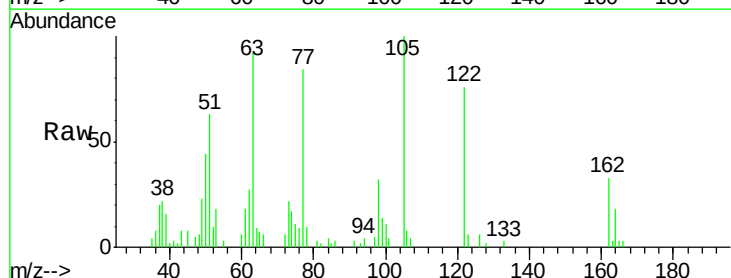
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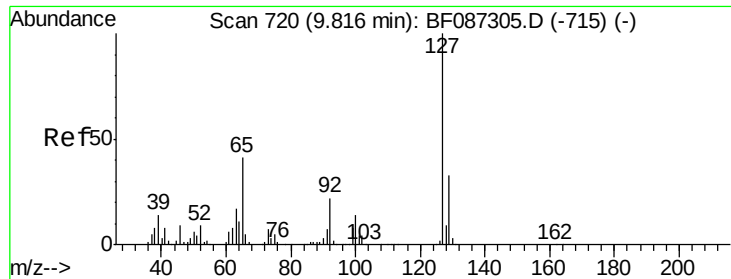
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#32
Benzoic acid
Concen: 14.07 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion:122 Resp: 28723
Ion Ratio Lower Upper
122 100
105 131.2 92.6 132.6
77 110.8 60.0 100.0#





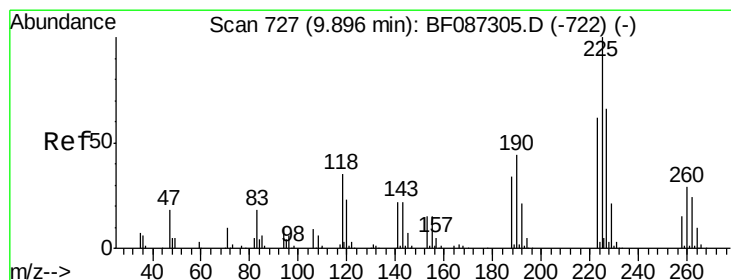
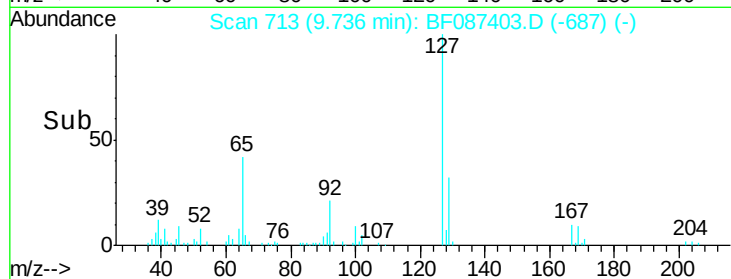
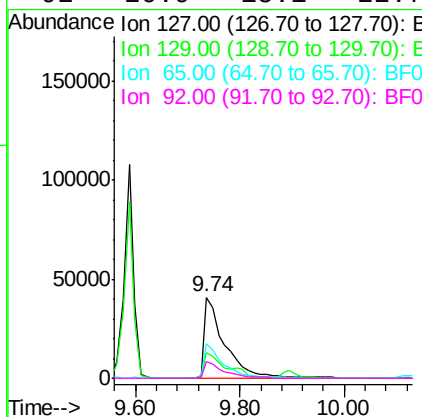
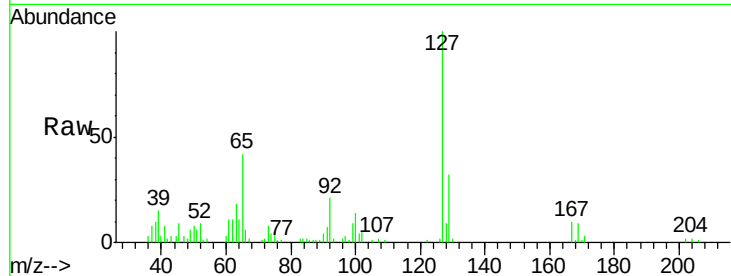
#33
4-Chloroaniline
Concen: 15.10 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.2	39.4		
65	42.3	23.0	34.4		
92	20.9	15.1	22.7		

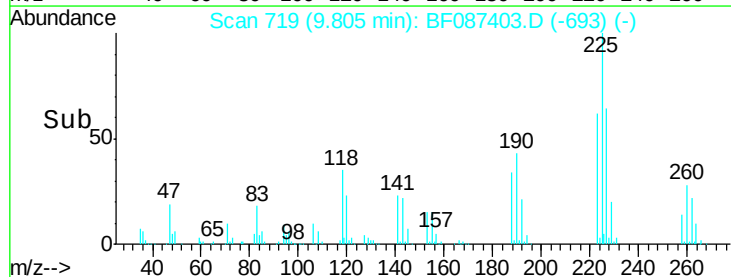
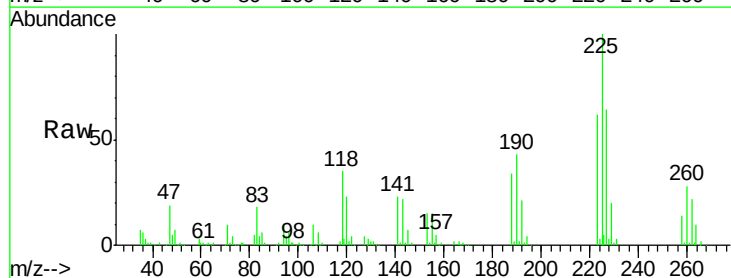
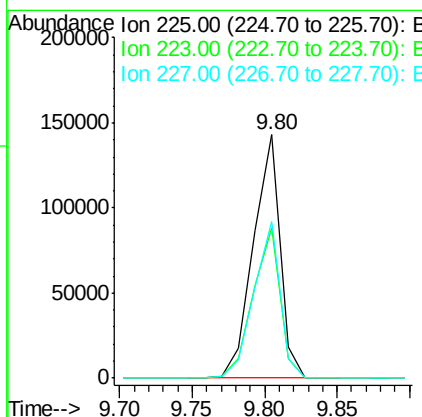
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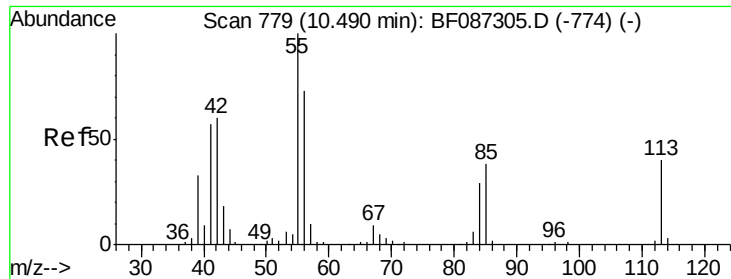
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#34
Hexachlorobutadiene
Concen: 49.18 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	51.5	77.3		
227	64.4	52.2	78.2		





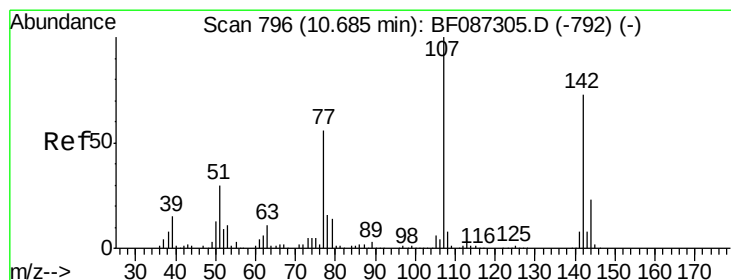
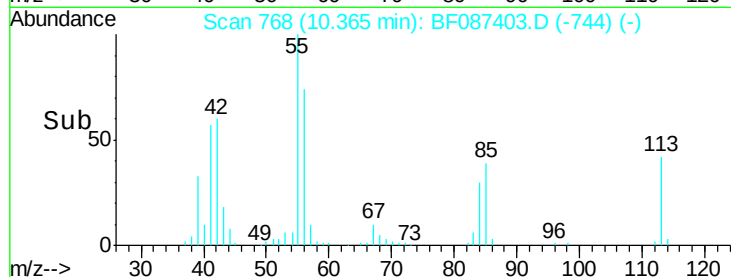
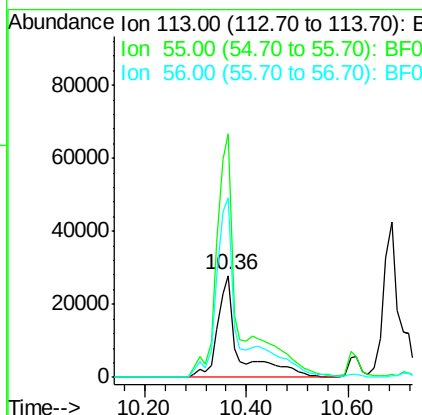
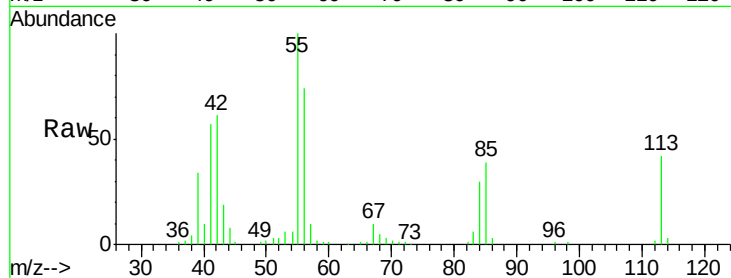
#35
 Caprolactam
 Concen: 52.47 ng/ml
 RT: 10.36 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-COMPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	238.6	162.0	202.0#
56	175.5	115.3	155.3#

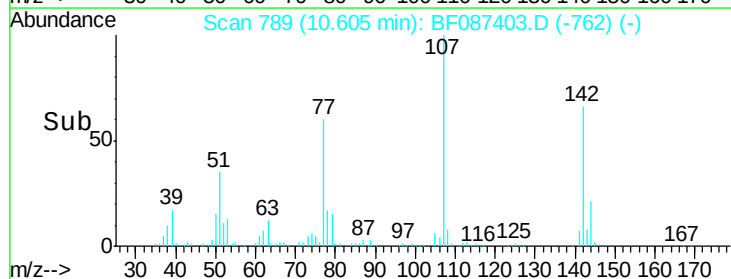
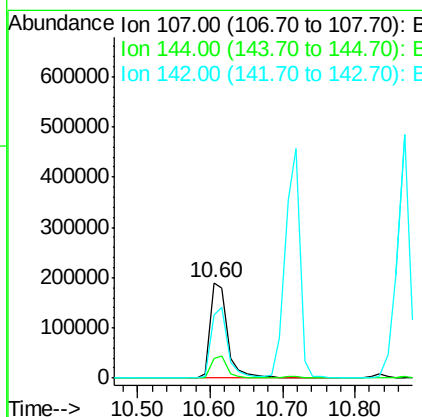
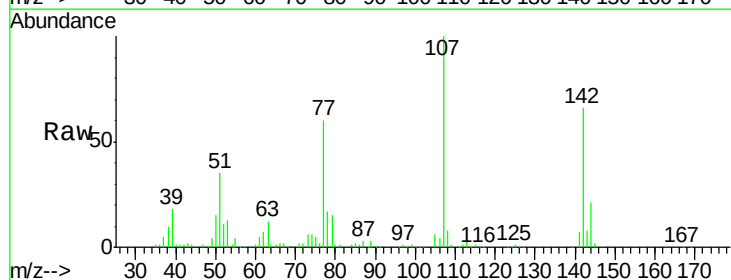
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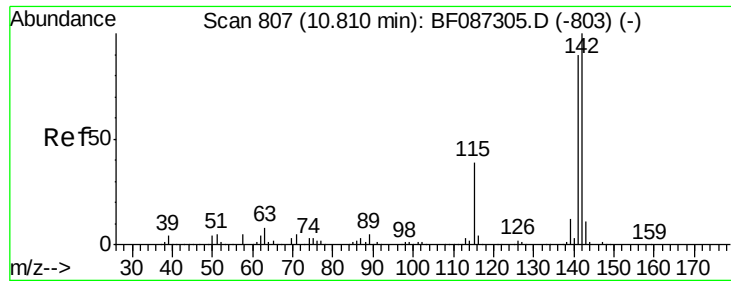
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#36
 4-Chloro-3-methylphenol
 Concen: 51.78 ng
 RT: 10.60 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.5	20.7	31.1#
142	65.8	63.2	94.8





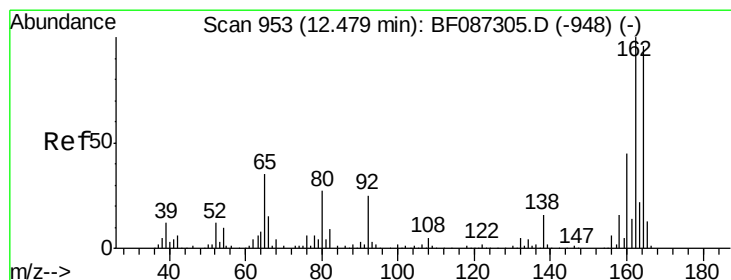
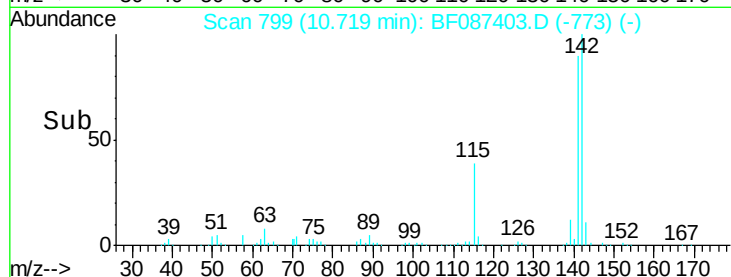
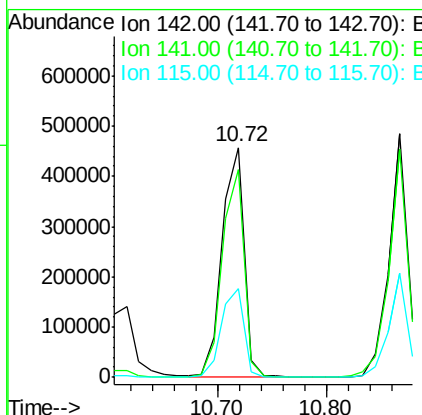
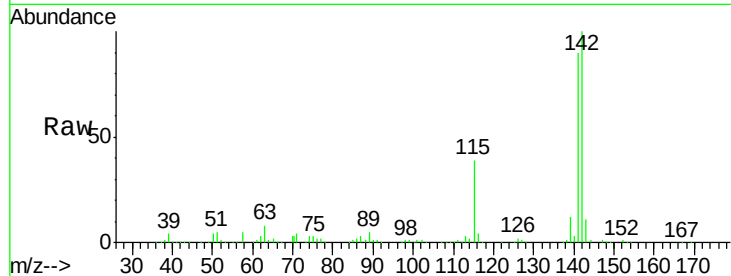
#37
2-Methylnaphthalene
Concen: 51.57 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	38.6	26.6	39.8

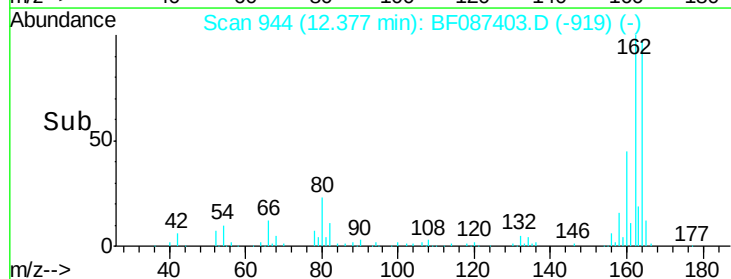
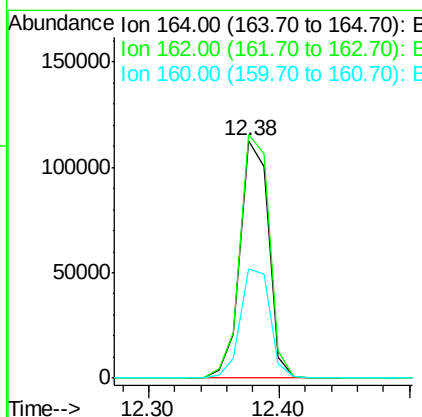
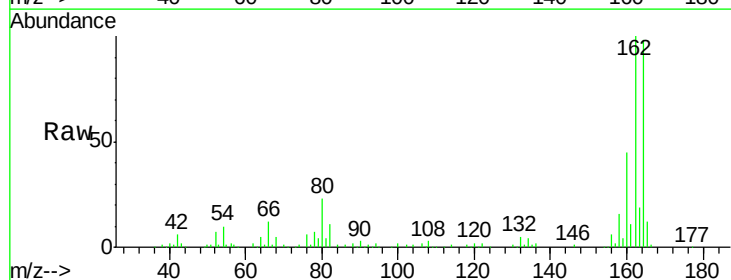
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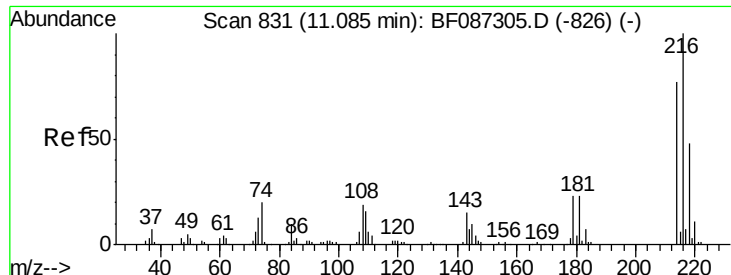
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	46.0	36.9	55.3





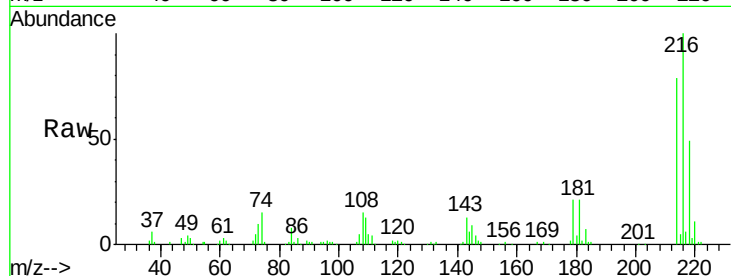
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.50 ng
 RT: 10.99 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampled :
 SB-29-COMPMS

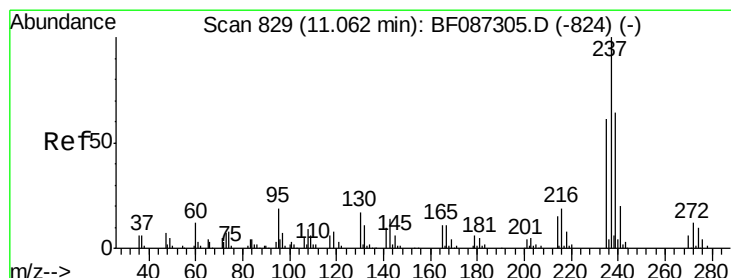
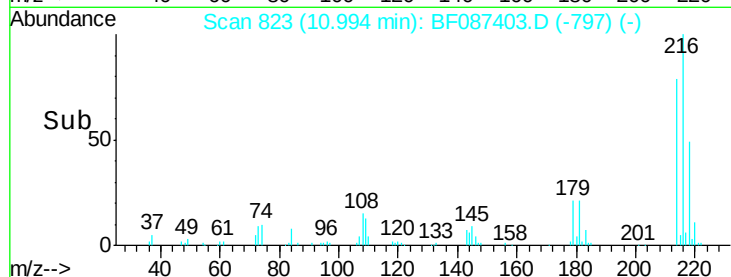
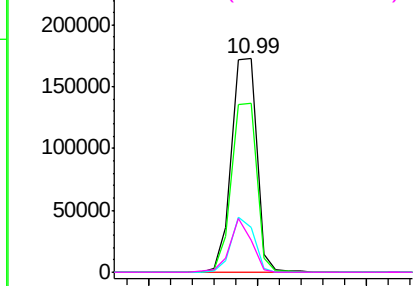
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		275501		
214	79.3	62.6	93.8		
179	23.6	18.2	27.4		
108	21.3	17.5	26.3		

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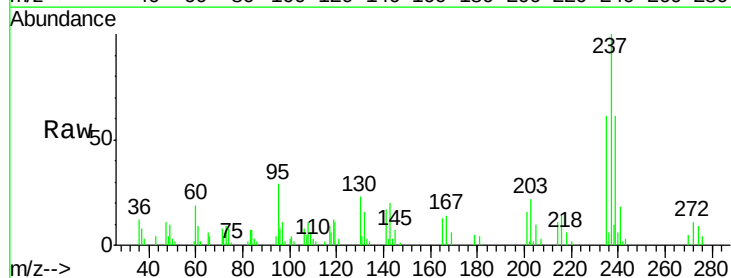


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

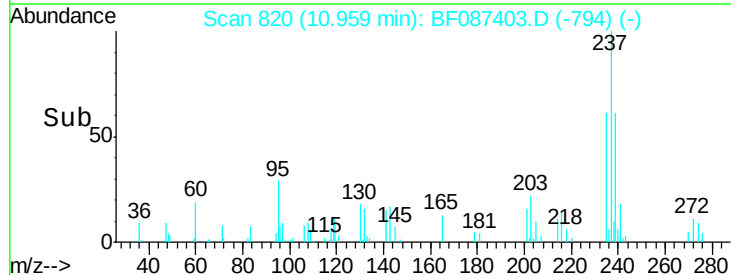
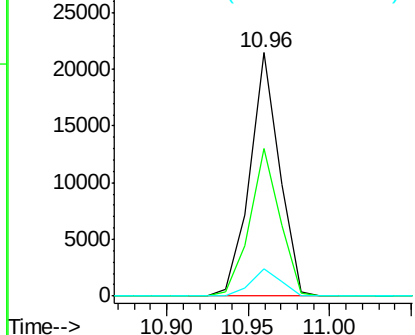


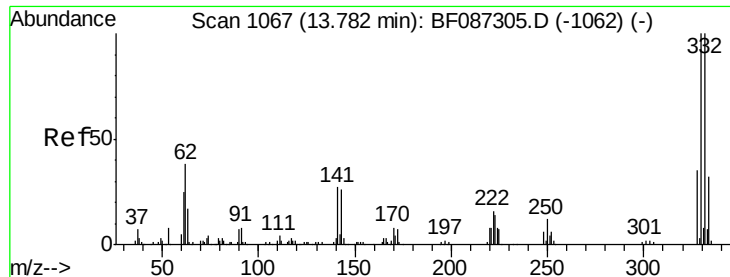
#40
 Hexachlorocyclopentadiene
 Concen: 20.05 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		26976		
235	60.8	47.2	87.2		
272	11.3	0.0	31.1		



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





#41

2,4,6-Tribromophenol

Concen: 131.07 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

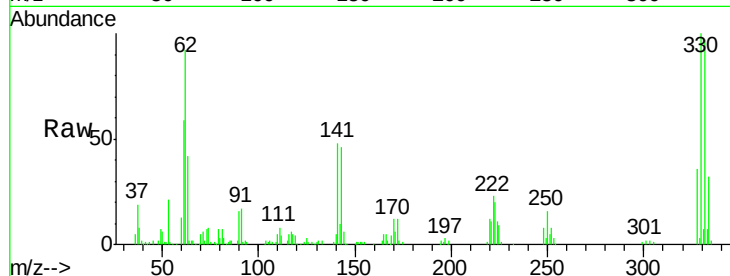
ClientSampleId :

SB-29-COMPMS

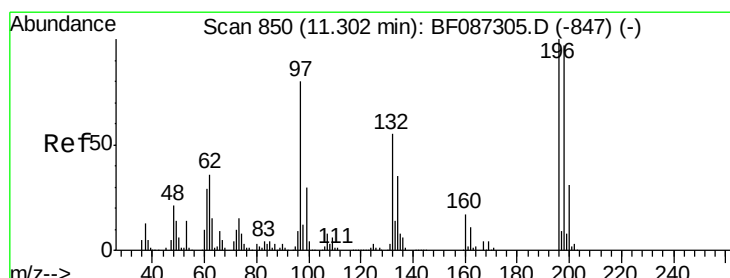
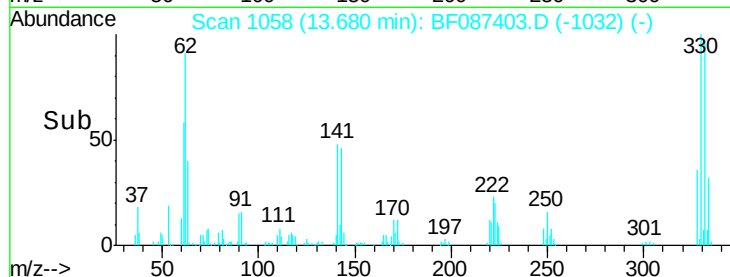
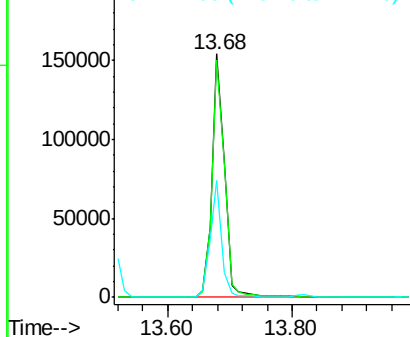
Tot Ion:	330	Resp:	214680
Ion Ratio	Lower	Upper	
330	100		
332	98.8	79.0	118.4
141	44.6	31.2	46.8

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 54.56 ng

RT: 11.22 min Scan# 843

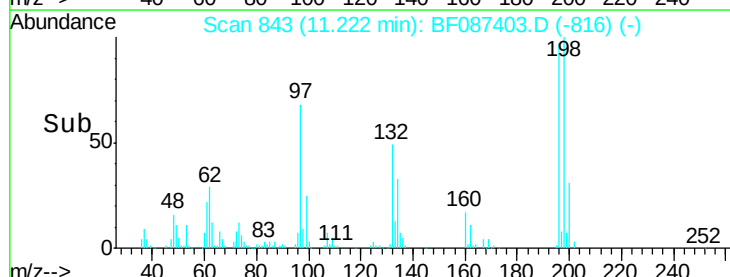
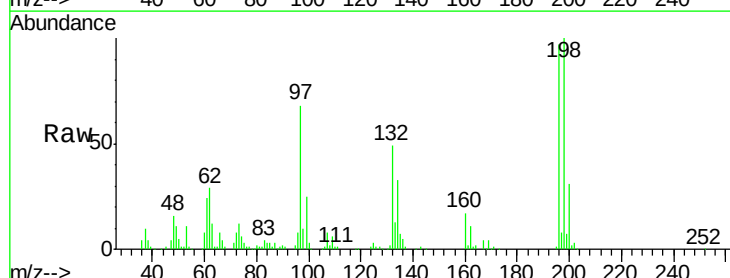
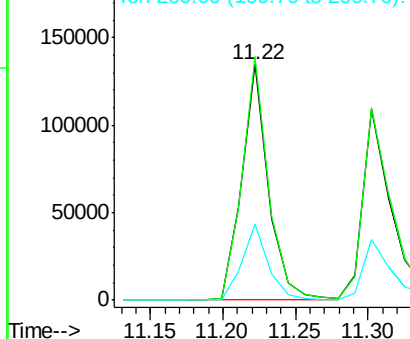
Delta R.T. 0.01 min

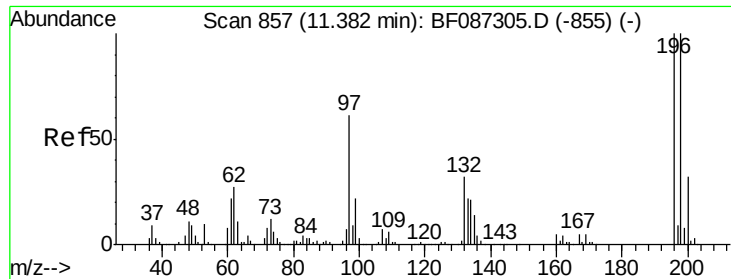
Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:	196	Resp:	171811
Ion Ratio	Lower	Upper	
196	100		
198	103.4	74.7	112.1
200	32.3	23.8	35.6

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





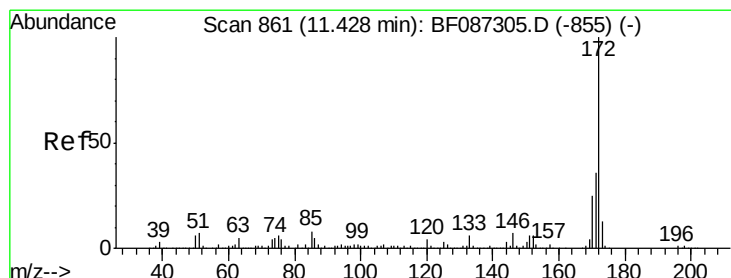
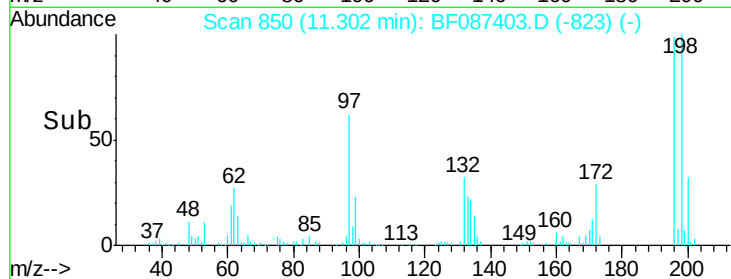
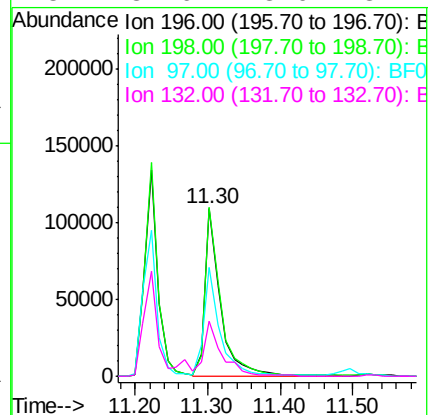
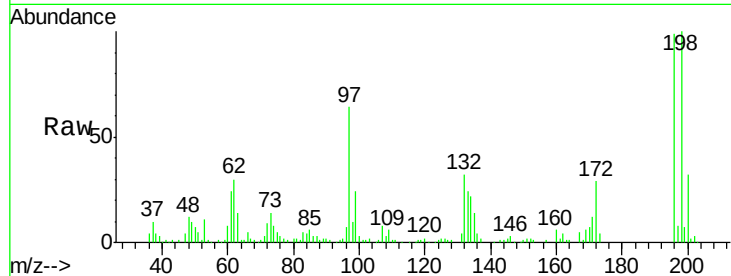
#43
 2,4,5-Trichlorophenol
 Concen: 50.87 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	101.0	77.5	116.3		
97	64.9	34.8	52.2		
132	32.6	23.0	34.4		

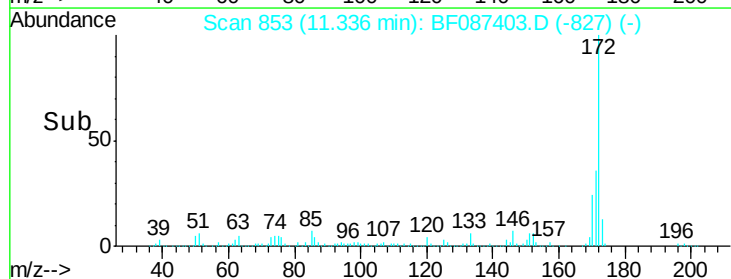
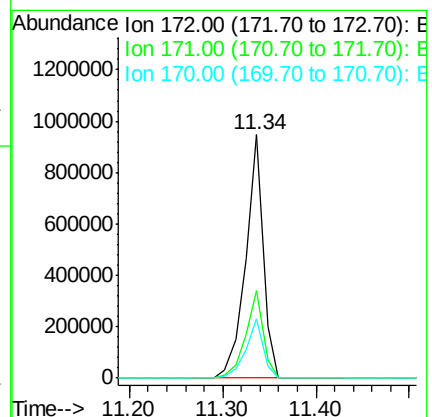
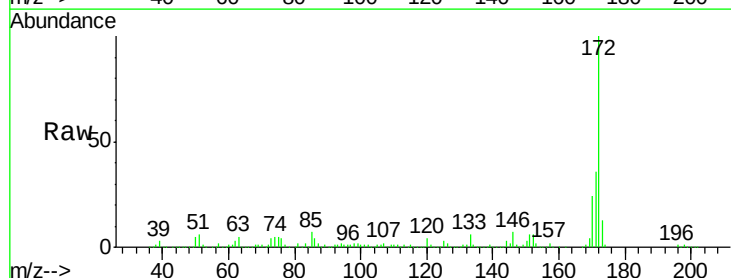
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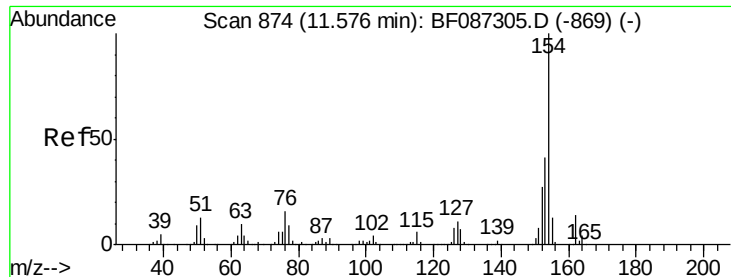
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#44
 2-Fluorobiphenyl
 Concen: 102.62 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	36.2	29.0	43.6		
170	24.3	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 52.17 ng

RT: 11.48 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

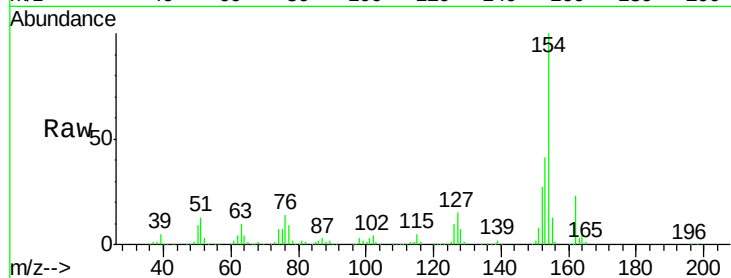
ClientSampleId :

SB-29-COMPMS

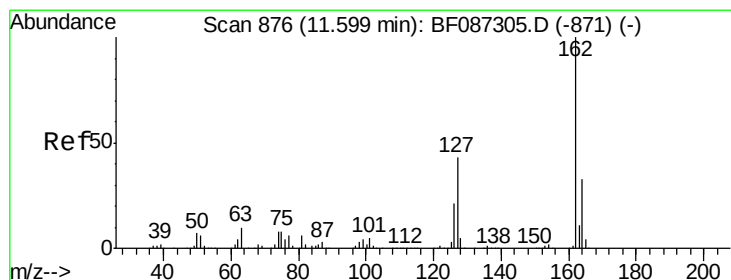
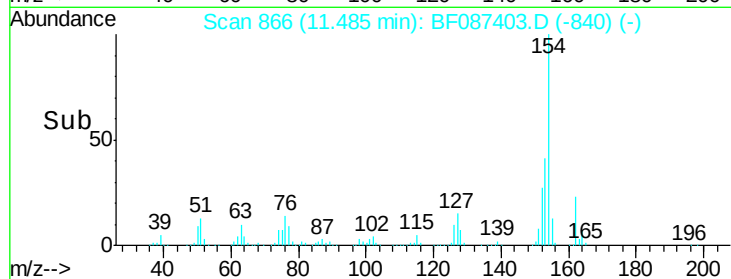
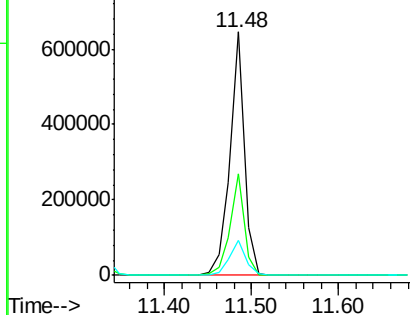
Tot Ion:	154	Resp:	748685
Ion Ratio	Lower	Upper	
154	100		
153	41.5	20.3	60.3
76	14.3	0.0	30.2

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



#46

2-Chloronaphthalene

Concen: 50.32 ng

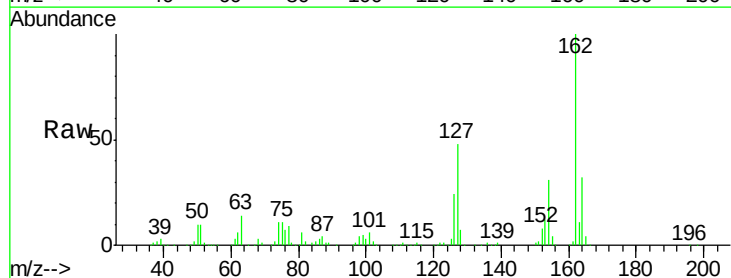
RT: 11.50 min Scan# 867

Delta R.T. 0.00 min

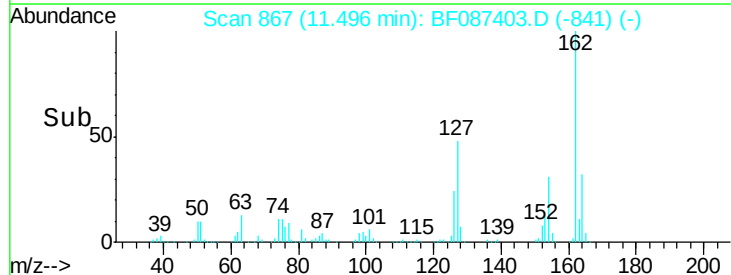
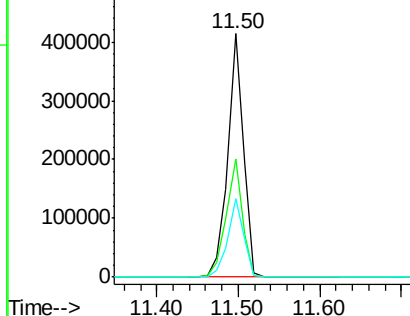
Lab File: BF087403.D

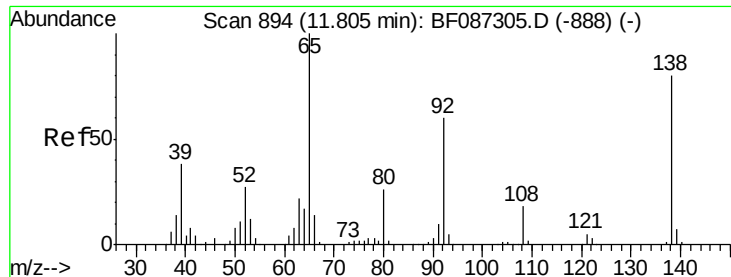
Acq: 26 May 2016 9:18

Tgt Ion:	162	Resp:	552382
Ion Ratio	Lower	Upper	
162	100		
127	48.5	31.8	47.6#
164	32.3	27.0	40.6



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





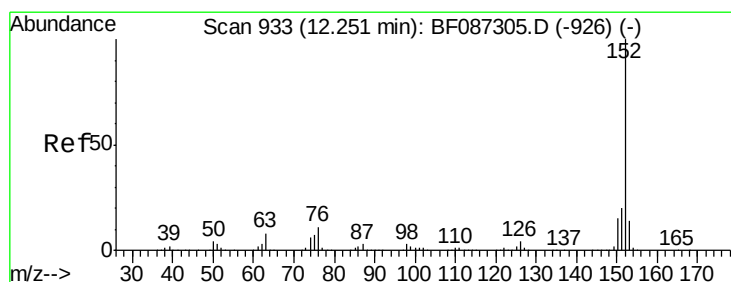
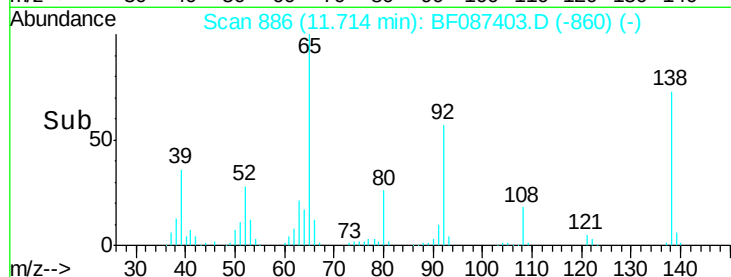
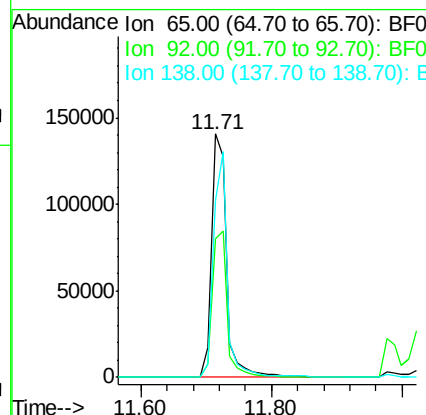
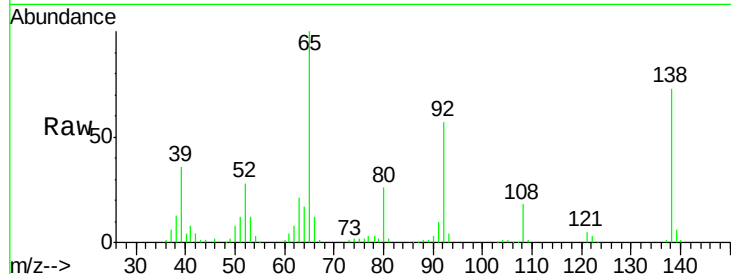
#47
2-Nitroaniline
Concen: 57.49 ng
RT: 11.71 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	56.9	57.4	86.2#
138	72.9	90.1	135.1#

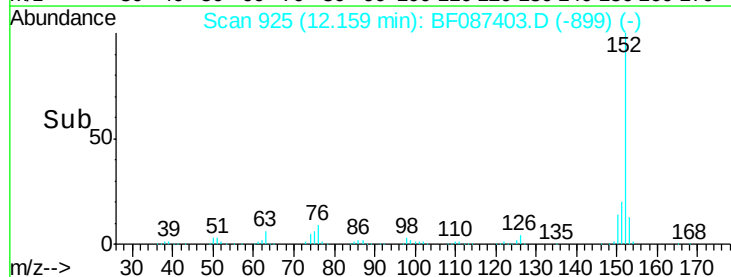
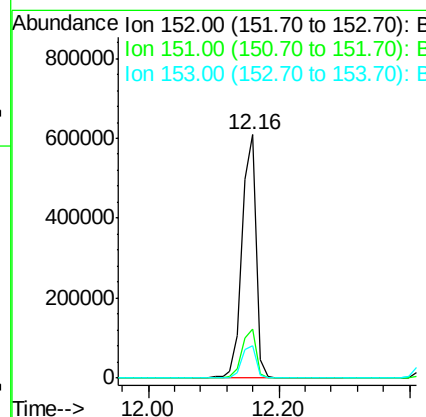
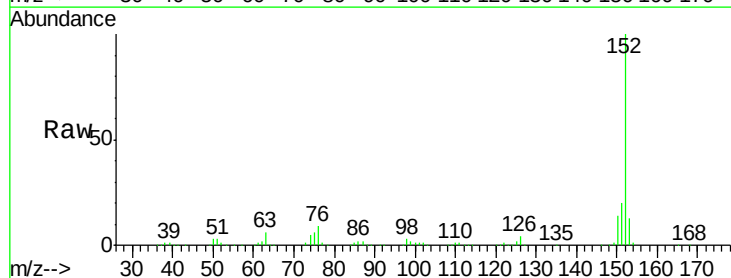
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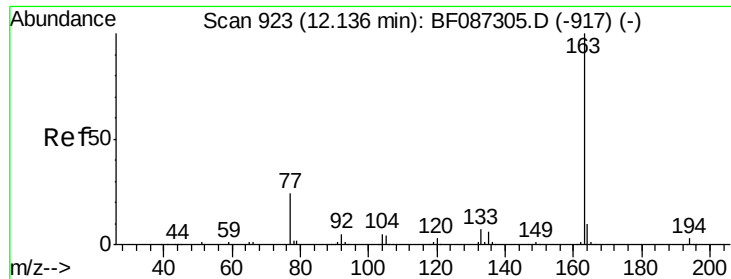
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#48
Acenaphthylene
Concen: 51.33 ng
RT: 12.16 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.3	10.9	16.3





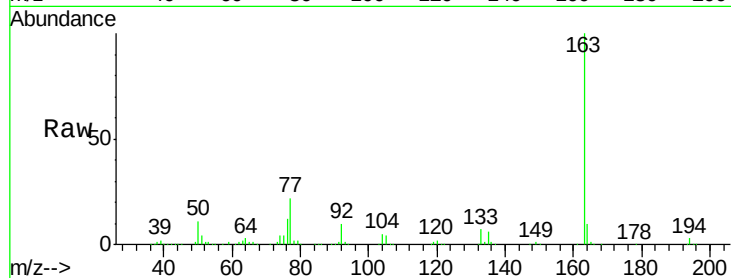
#49
Dimethylphthalate
Concen: 73.60 ng
RT: 12.05 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

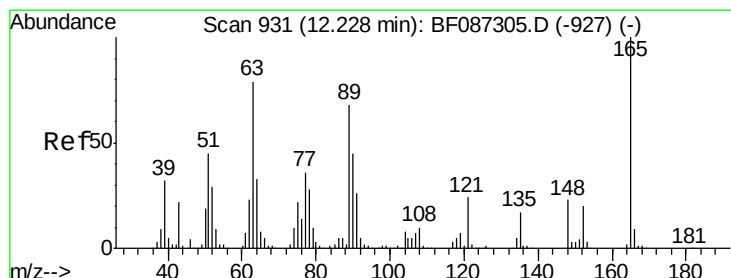
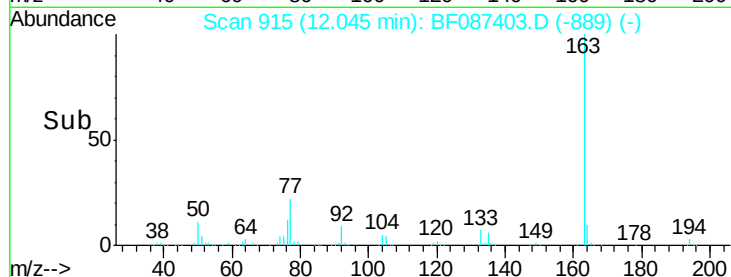
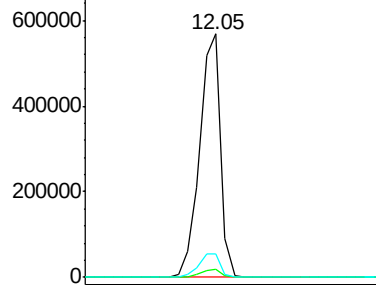
Tot Ion:163 Resp: 1004873
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.8 8.2 12.4

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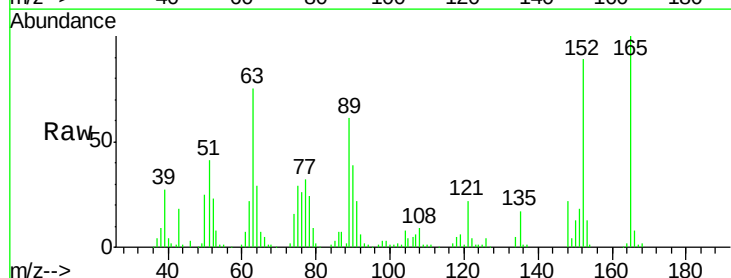


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

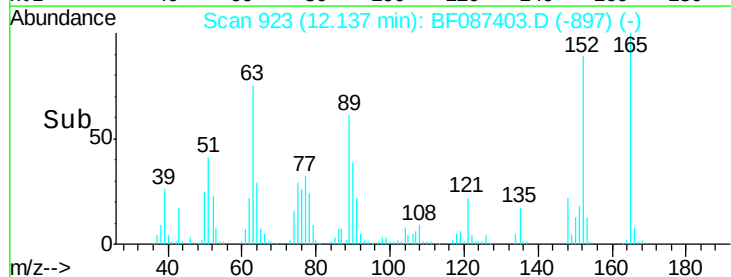
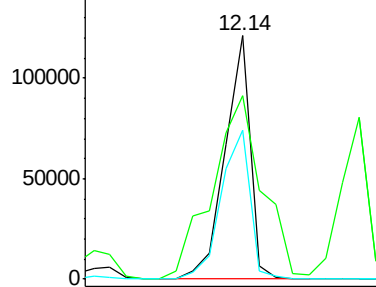


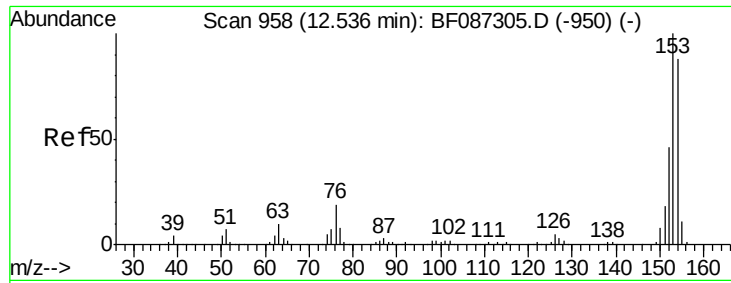
#50
2,6-Dinitrotoluene
Concen: 53.18 ng
RT: 12.14 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion:165 Resp: 146291
Ion Ratio Lower Upper
165 100
63 75.2 51.8 77.8
89 61.1 50.7 76.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.29 ng

RT: 12.43 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

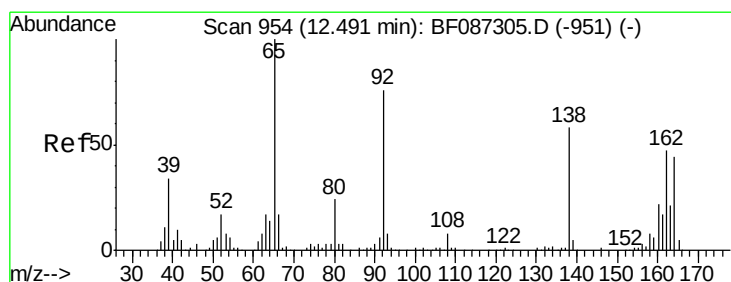
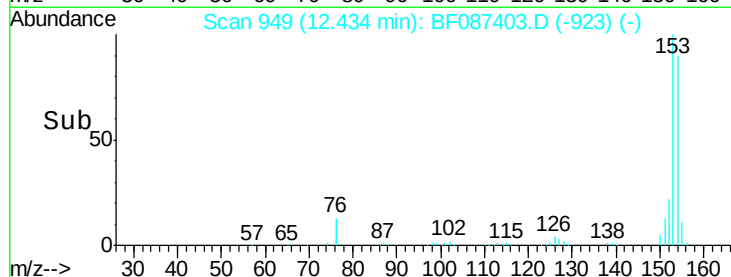
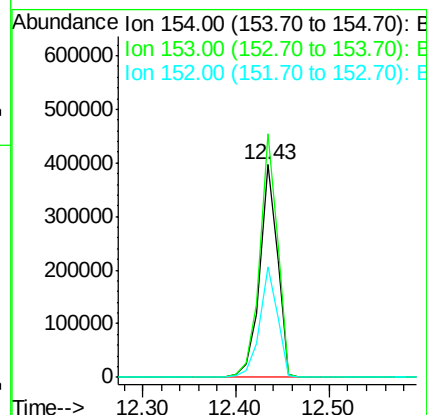
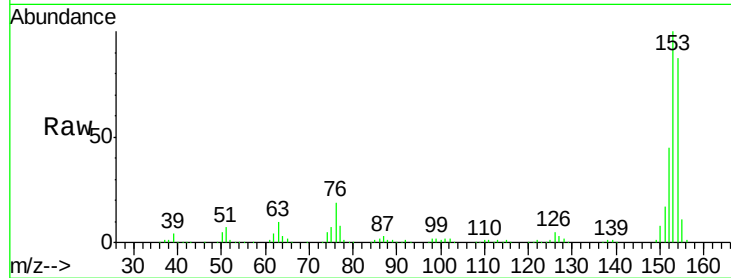
ClientSampleId :

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Tot Ion:	154	Resp:	526520
Ion Ratio	Lower	Upper	
154	100		
153	114.7	89.8	134.6
152	52.1	43.4	65.0

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#52

3-Nitroaniline

Concen: 35.96 ng

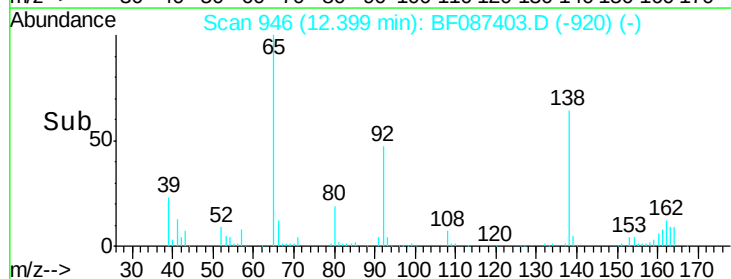
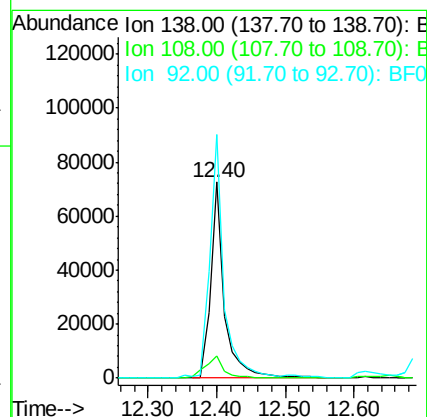
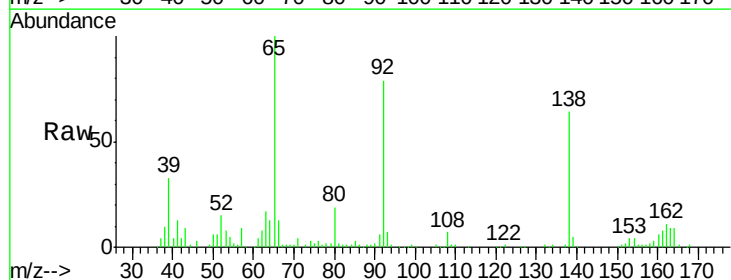
RT: 12.40 min Scan# 946

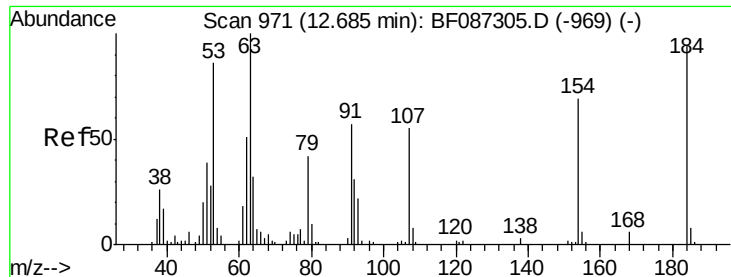
Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:	138	Resp:	101519
Ion Ratio	Lower	Upper	
138	100		
108	11.3	7.8	11.6
92	124.4	87.8	131.8





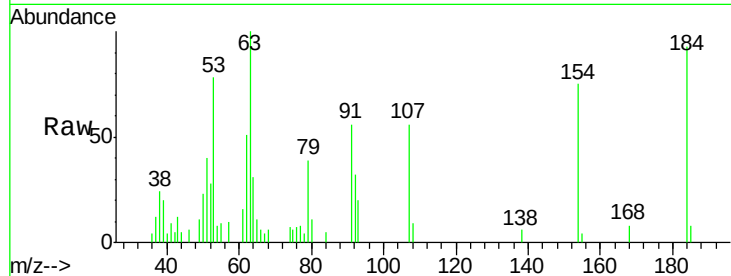
#53
2,4-Dinitrophenol
Concen: 27.69 ng
RT: 12.62 min Scan# 965
Delta R.T. 0.02 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

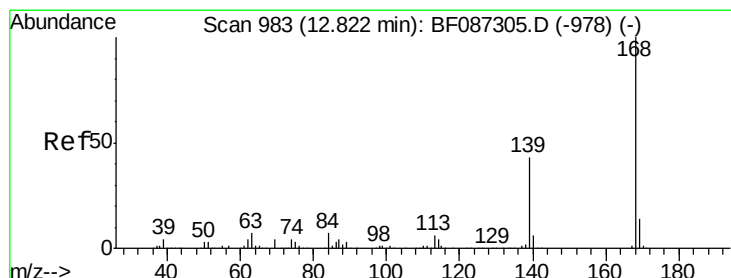
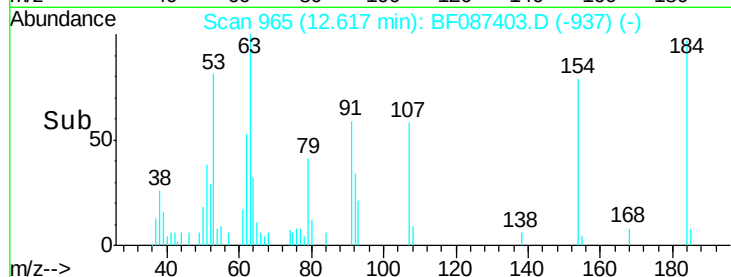
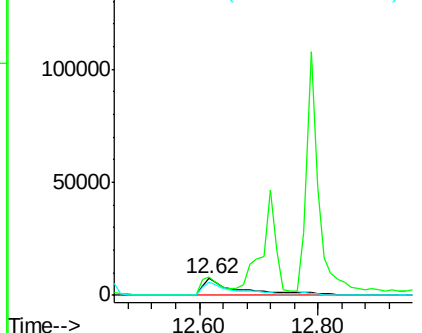
Tot Ion	Ratio	Resp	Lower	Upper
184	100	32425		
63	107.7	55.8	83.8#	
154	80.7	62.4	93.6	

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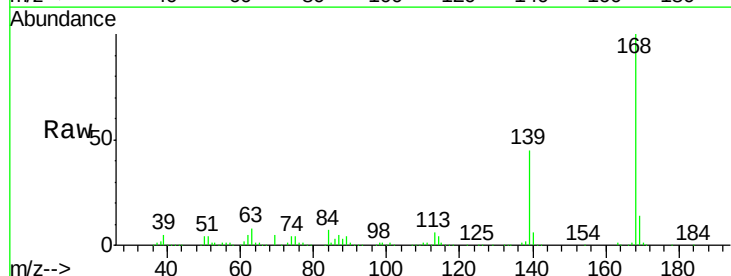


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

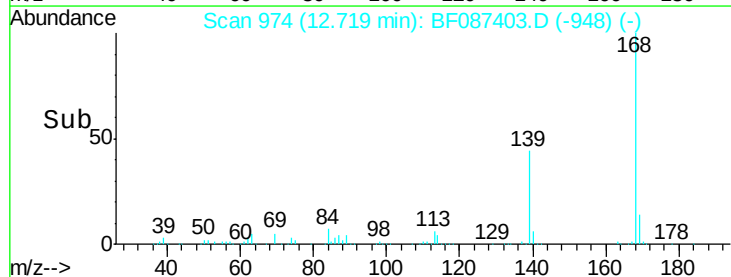
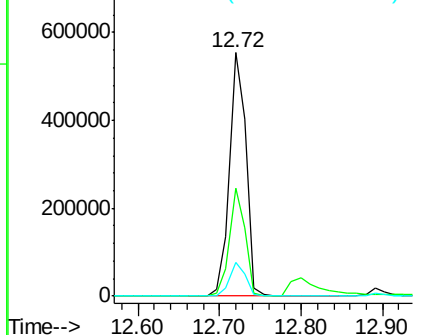


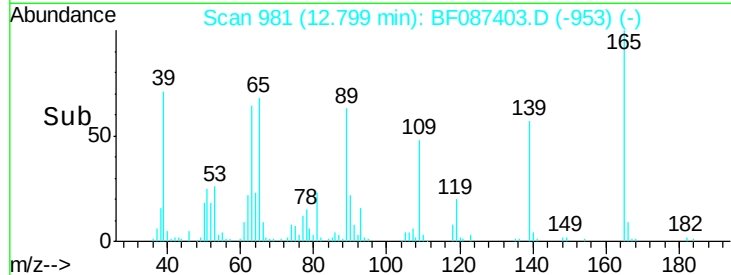
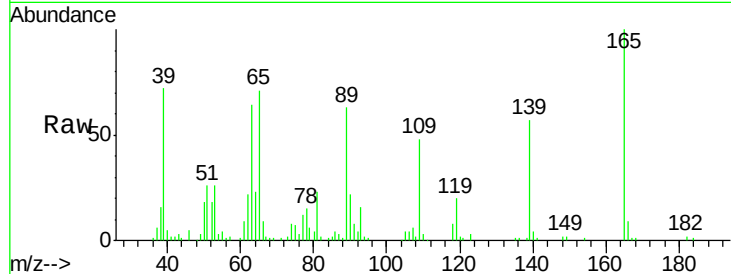
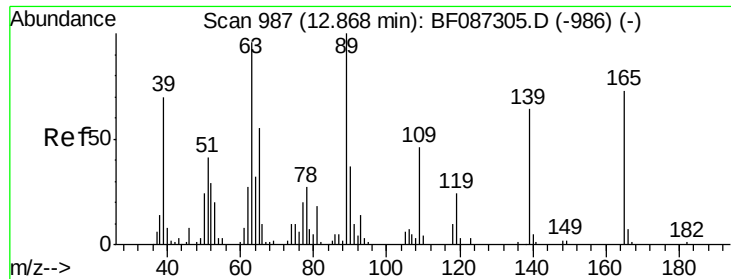
#54
Dibenzofuran
Concen: 53.85 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	778860		
139	44.6	31.4	47.0	
169	13.6	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





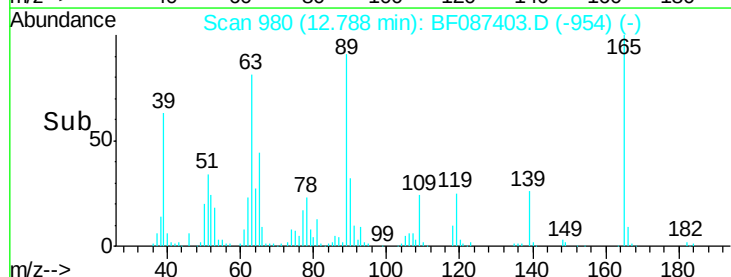
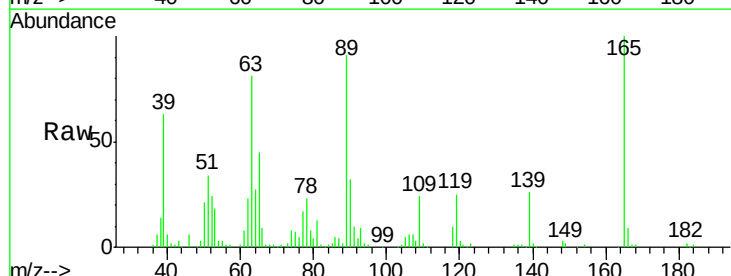
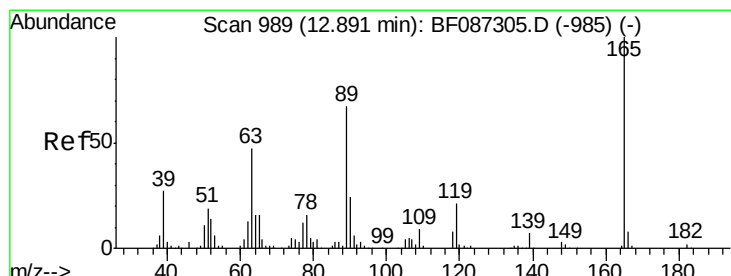
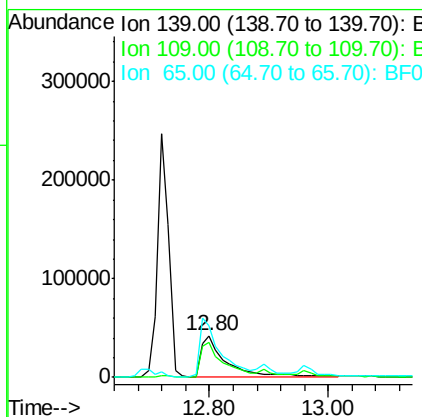
#55
4-Nitrophenol
Concen: 91.26 ng
RT: 12.80 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	122919		
109	83.9	36.9	76.9#	
65	124.3	64.0	104.0#	

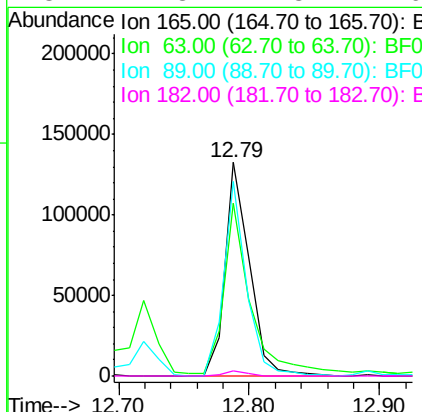
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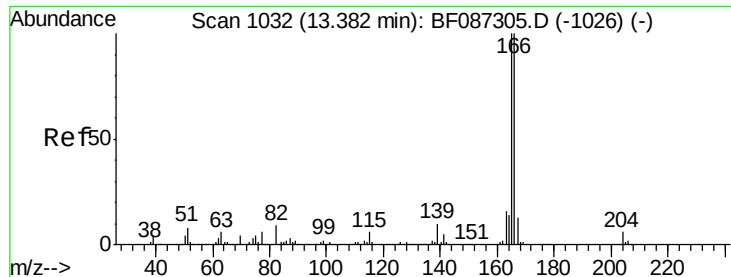
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#56
2,4-Dinitrotoluene
Concen: 47.01 ng
RT: 12.79 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	172868		
63	81.2	44.3	66.5#	
89	91.3	70.0	105.0	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 48.31 ng

RT: 13.28 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

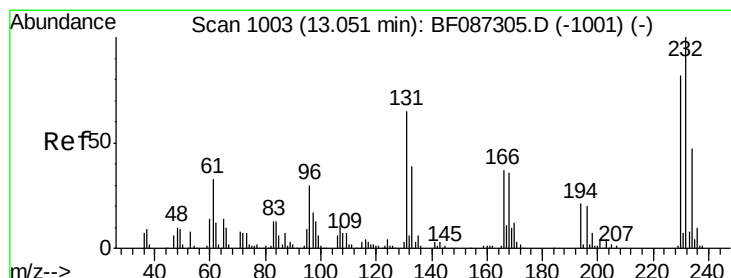
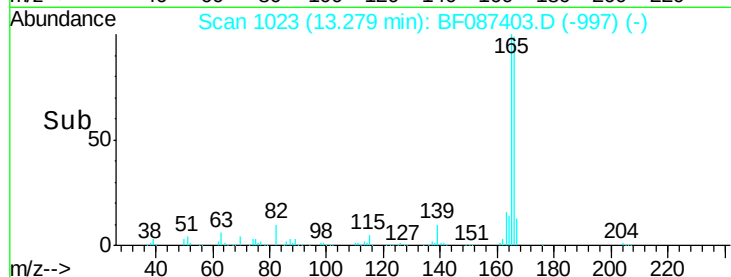
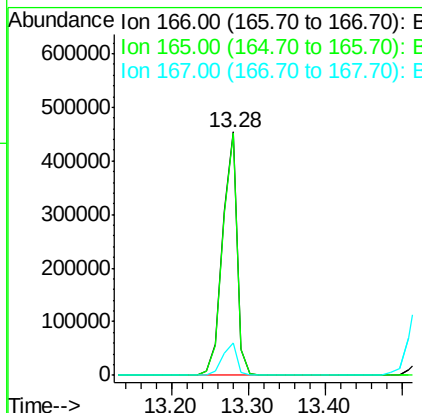
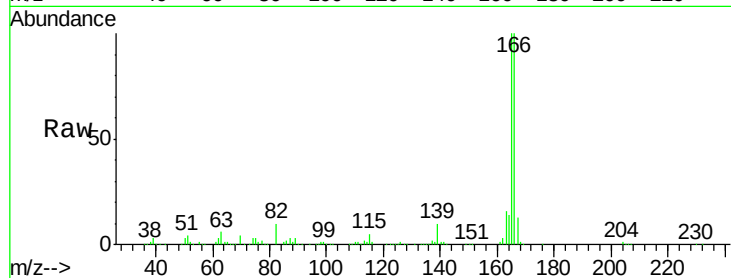
ClientSampleId :

SB-29-COMPMS

Tot Ion:	166	Resp:	605915
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.0	118.6
167	13.1	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.37 ng m

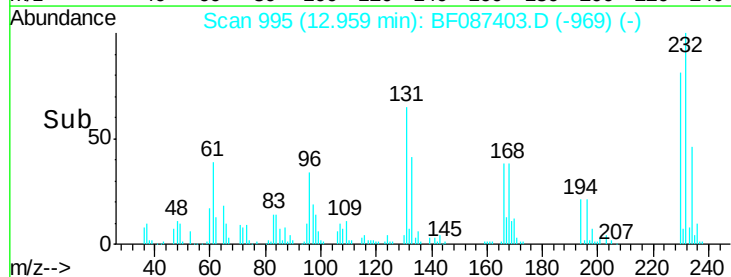
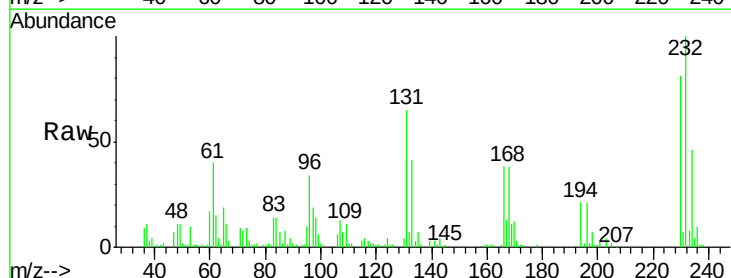
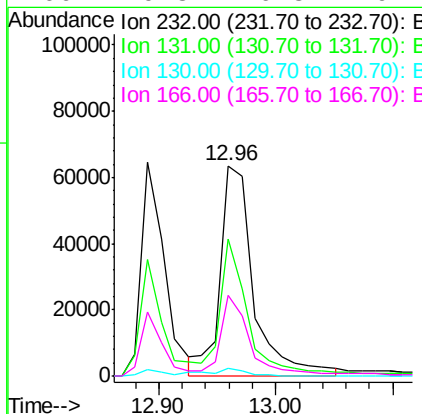
RT: 12.96 min Scan# 995

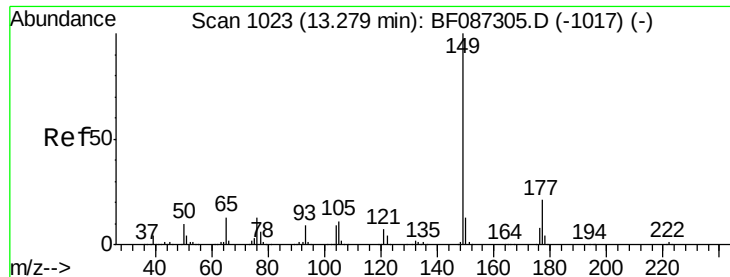
Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:	232	Resp:	126721
Ion Ratio	Lower	Upper	
232	100		
131	38.3	41.9	62.9#
130	2.1	2.2	3.4#
166	19.8	26.8	40.2#





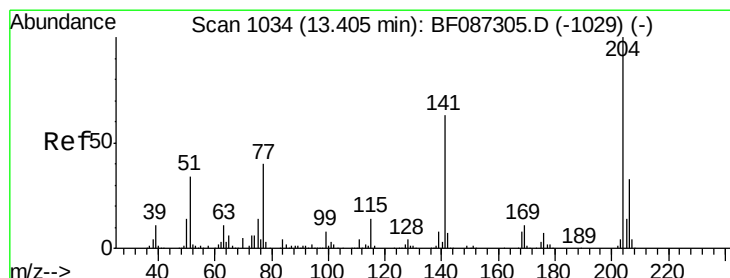
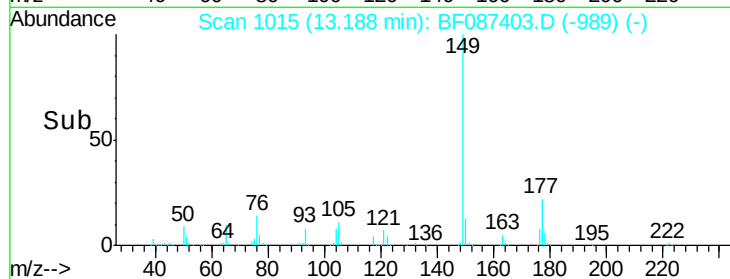
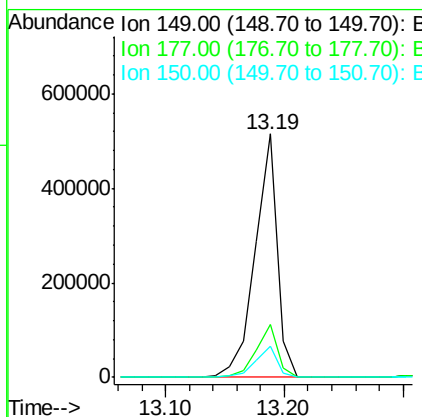
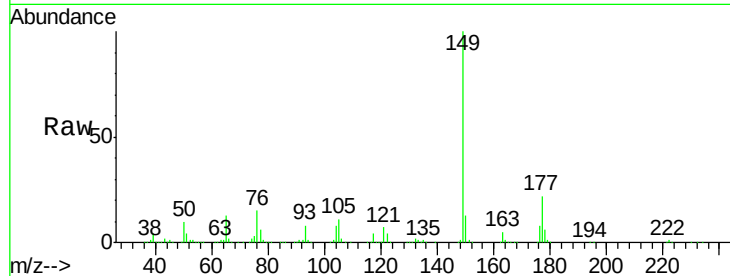
#59
Diethylphthalate
Concen: 50.84 ng
RT: 13.19 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

Tot Ion:	149	Resp:	674831
Ion Ratio	Lower	Upper	
149	100		
177	21.6	16.6	24.8
150	12.7	10.0	15.0

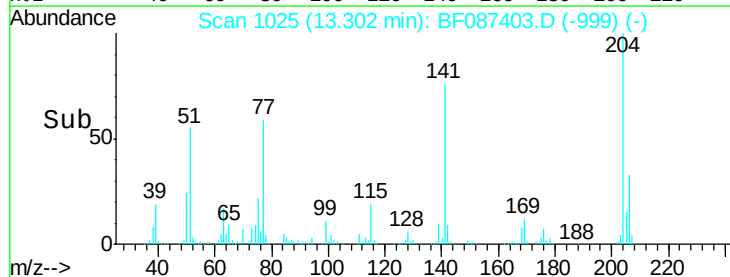
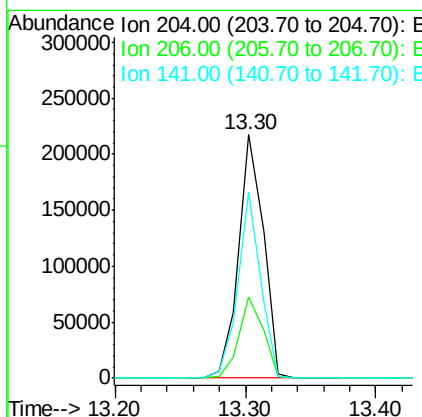
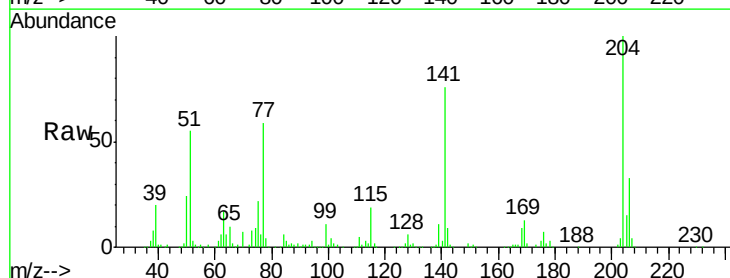
Manual Integrations
APPROVED

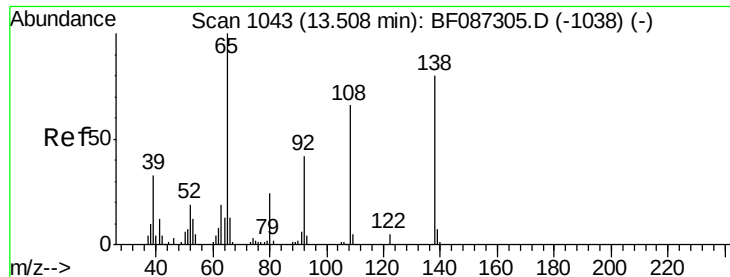
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#60
4-Chlorophenyl-phenylether
Concen: 46.93 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion:	204	Resp:	287017
Ion Ratio	Lower	Upper	
204	100		
206	33.3	25.4	38.0
141	76.2	61.6	92.4





#61

4-Nitroaniline

Concen: 42.62 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

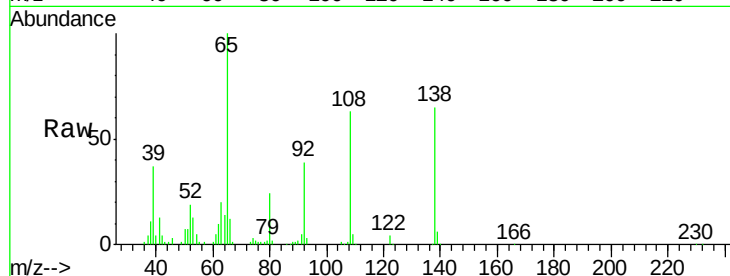
ClientSampleId :

SB-29-COMPMS

Tot Ion:	138	Resp:	112314
Ion Ratio	Lower	Upper	
138	100		
92	59.7	24.7	64.7
108	97.0	37.4	77.4#

Manual Integrations
APPROVED

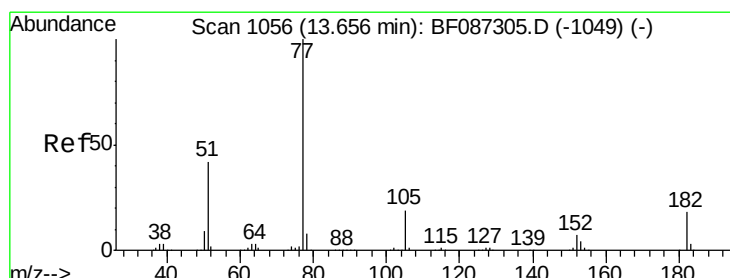
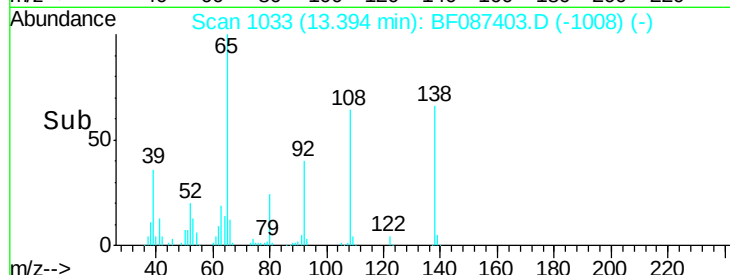
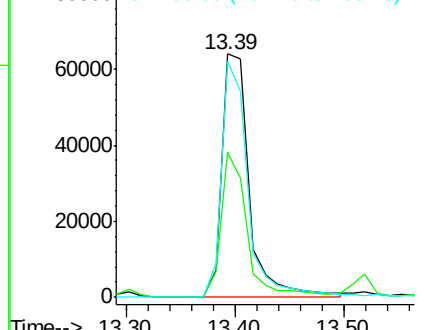
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 54.82 ng

RT: 13.57 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

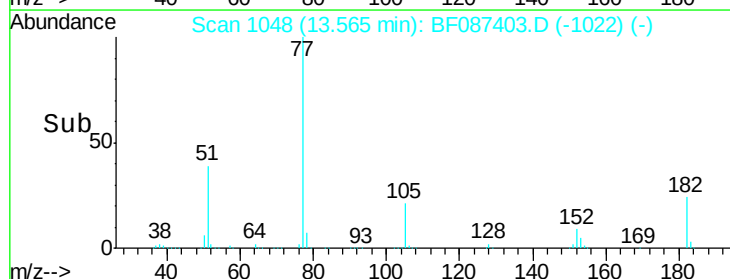
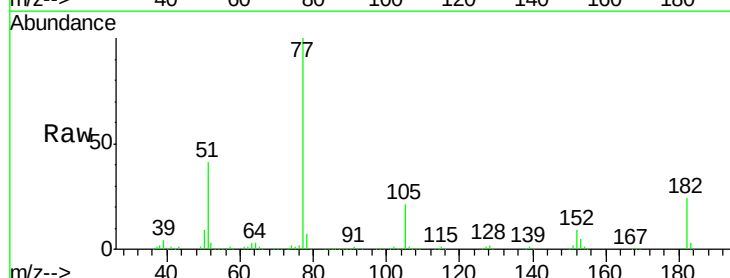
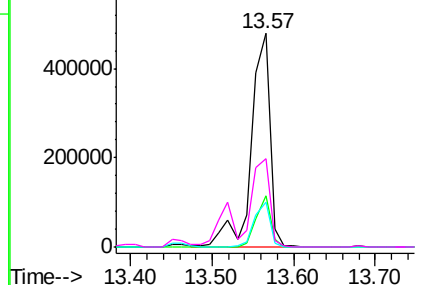
Tgt Ion:	77	Resp:	754878
Ion Ratio	Lower	Upper	
77	100		
182	23.9	0.0	38.8
105	21.0	3.2	43.2
51	41.1	8.8	48.8

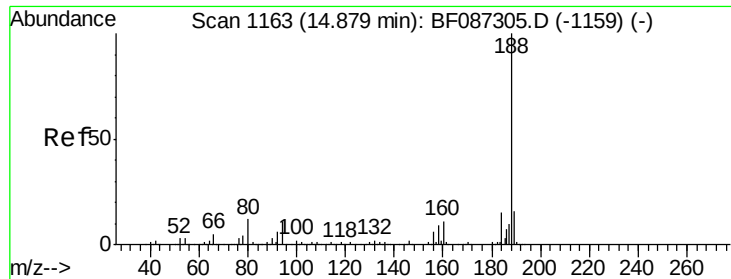
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





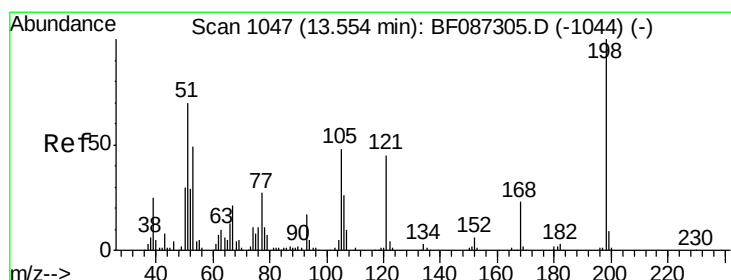
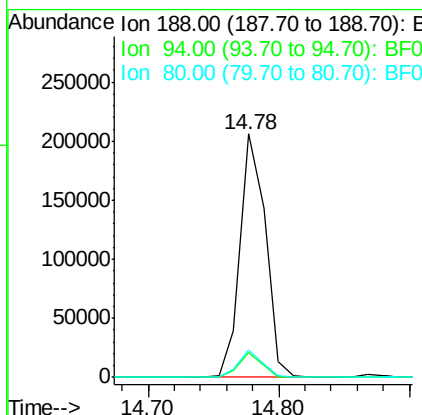
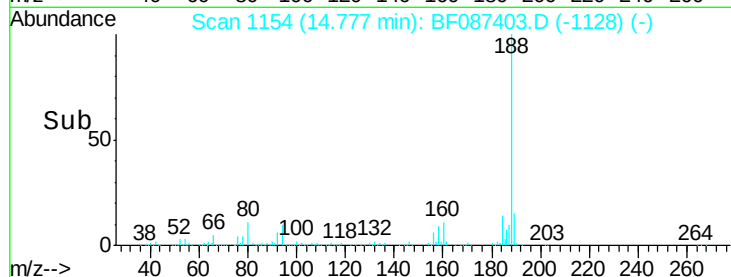
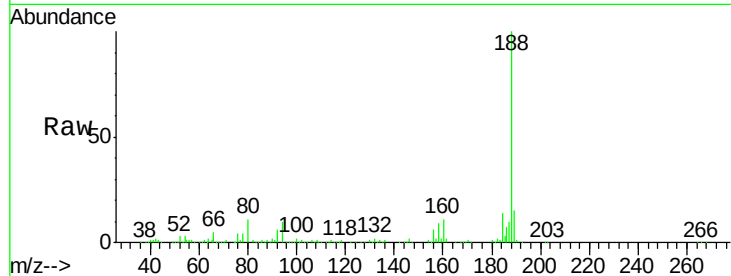
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	6.8	10.2
80	11.3	7.1	10.7

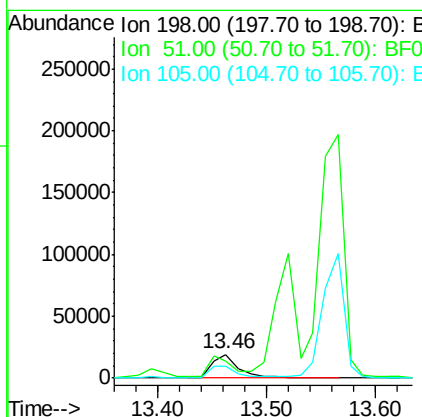
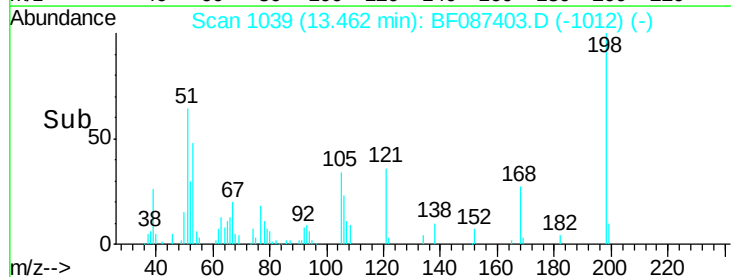
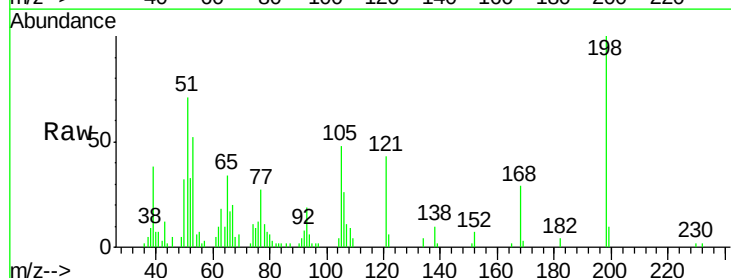
Manual Integrations
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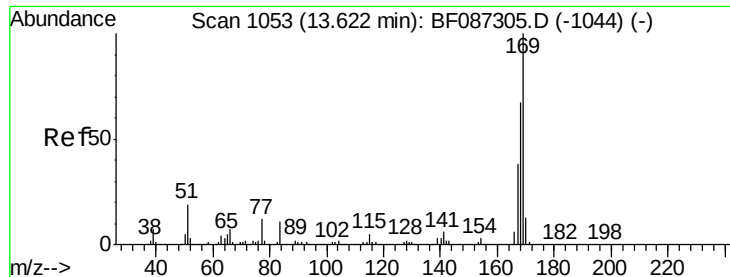
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#64
4,6-Dinitro-2-methylphenol
Concen: 18.68 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	71.3	20.5	60.5
105	47.5	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 56.36 ng

RT: 13.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

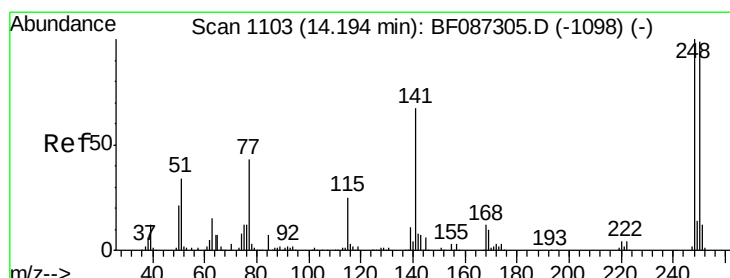
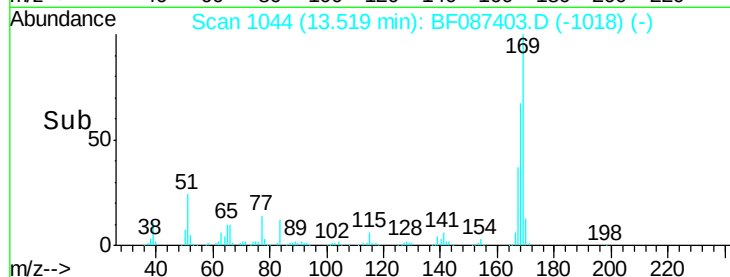
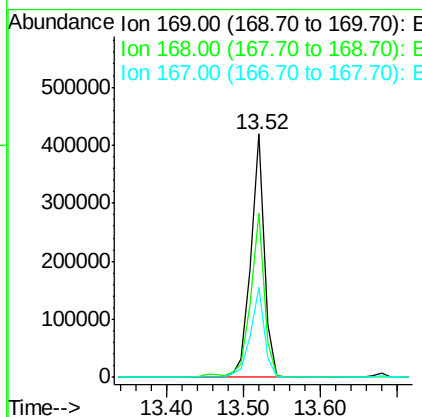
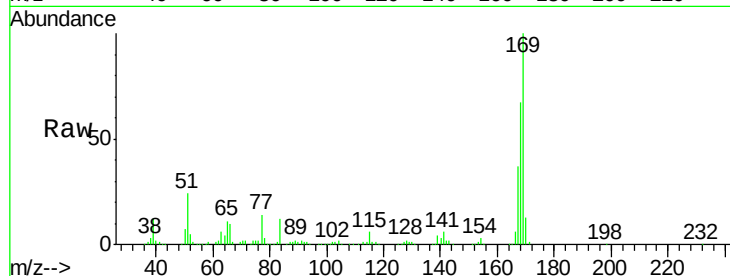
ClientSampleId :

SB-29-COMPMS

Tot Ion:	169	Resp:	508419
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.8	80.6
167	37.1	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 52.11 ng

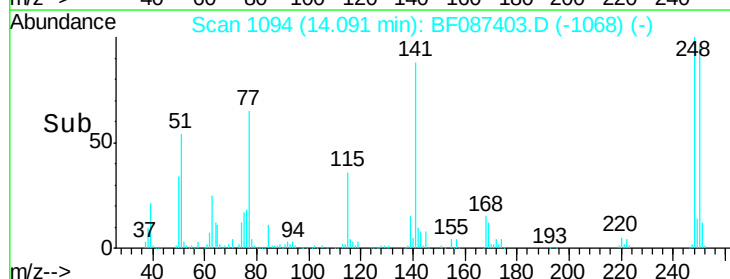
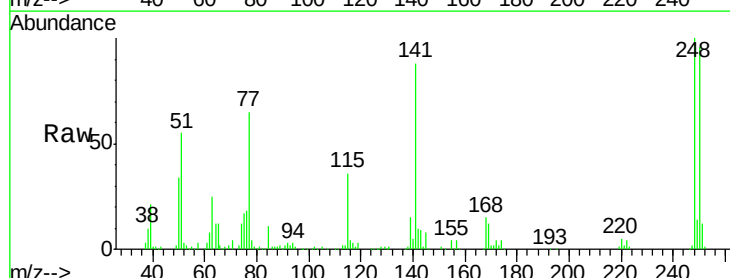
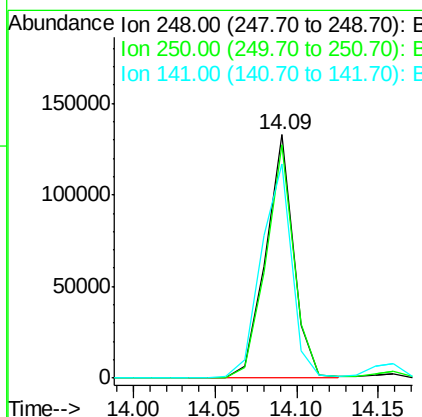
RT: 14.09 min Scan# 1094

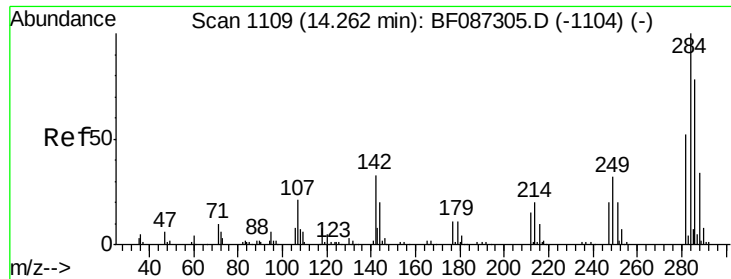
Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:	248	Resp:	159008
Ion Ratio	Lower	Upper	
248	100		
250	95.8	78.6	117.8
141	88.0	76.0	114.0





#67

Hexachlorobenzene

Concen: 49.57 ng

RT: 14.16 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

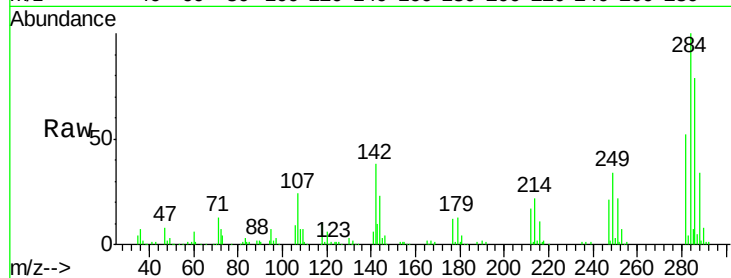
ClientSampleId :

SB-29-COMPMS

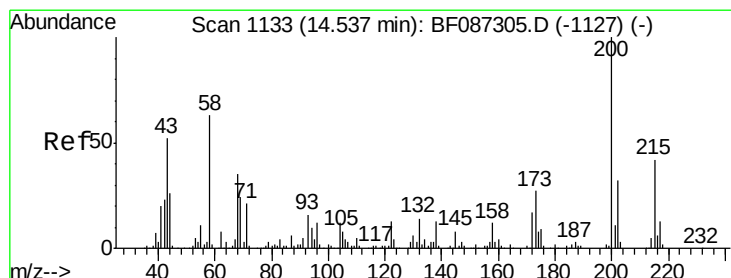
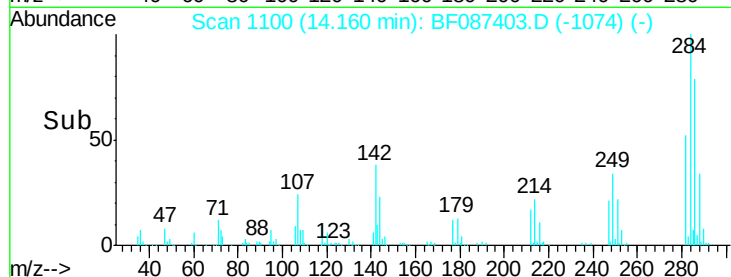
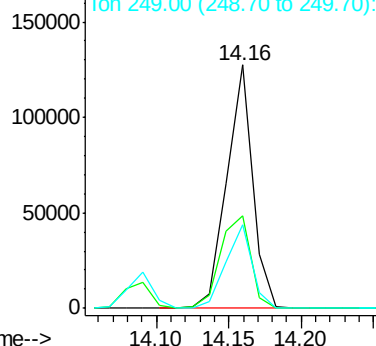
Tot Ion:	284	Resp:	158206
Ion Ratio	Lower	Upper	
284	100		
142	38.2	16.7	25.1#
249	34.5	21.3	31.9#

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



#68

Atrazine

Concen: 56.45 ng

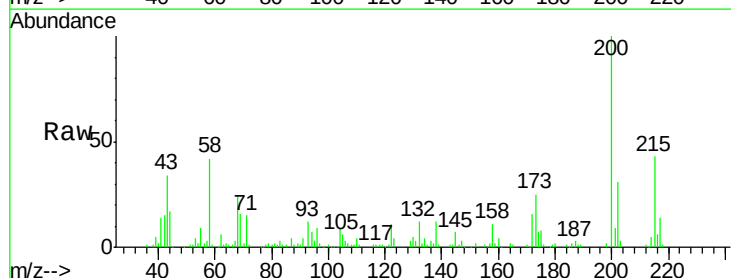
RT: 14.45 min Scan# 1125

Delta R.T. 0.01 min

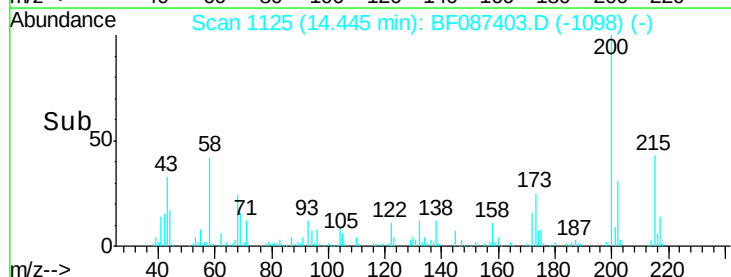
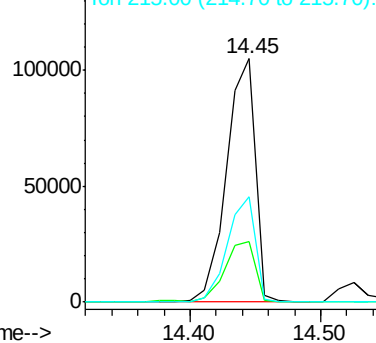
Lab File: BF087403.D

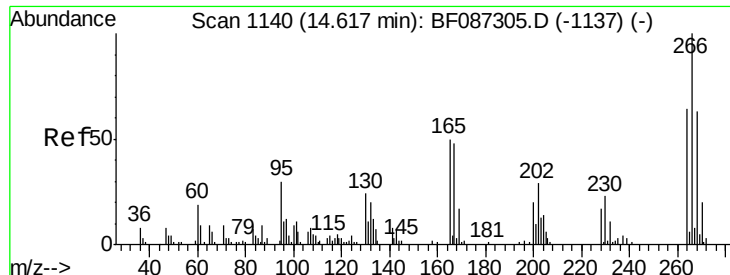
Acq: 26 May 2016 9:18

Tgt Ion:	200	Resp:	162337
Ion Ratio	Lower	Upper	
200	100		
173	24.6	8.5	48.5
215	43.4	27.2	67.2



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





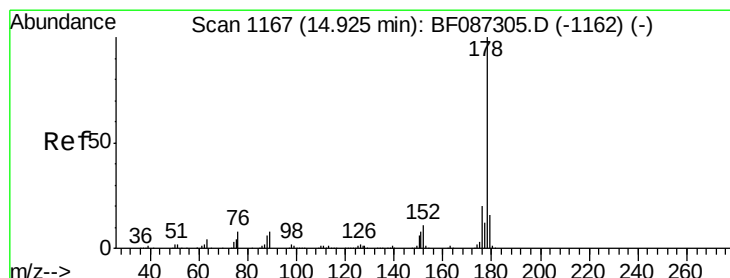
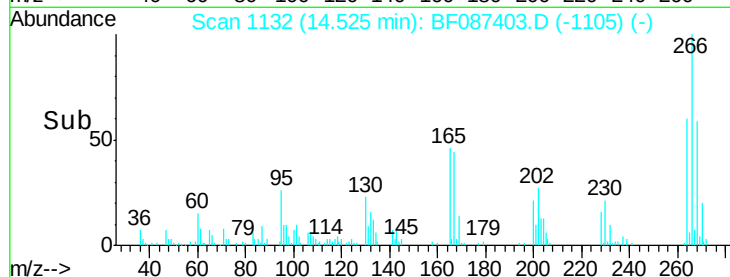
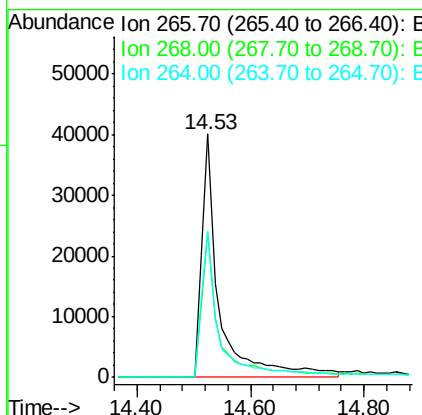
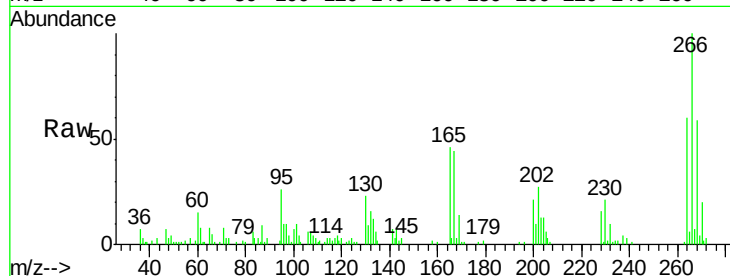
#69
 Pentachlorophenol
 Concen: 84.16 ng
 RT: 14.53 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampled :
 SB-29-COMPMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.4	51.5	77.3
264	60.3	52.9	79.3

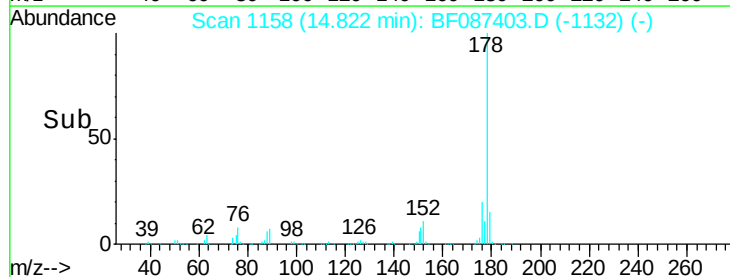
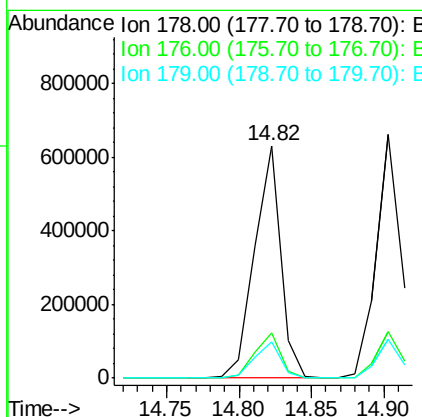
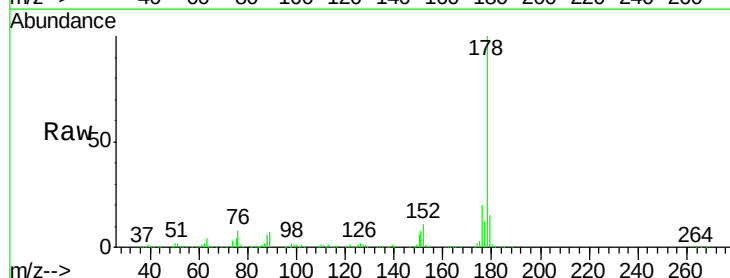
Manual Integrations
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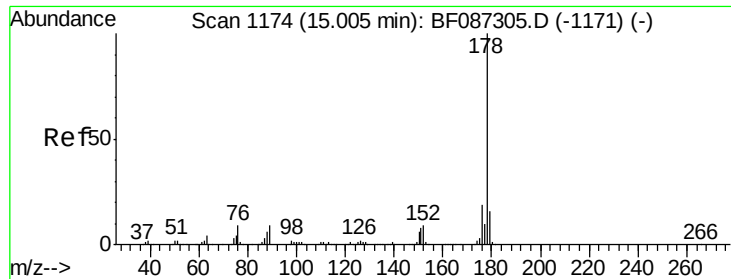
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#70
 Phenanthrene
 Concen: 51.32 ng
 RT: 14.82 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.4	12.6	18.8





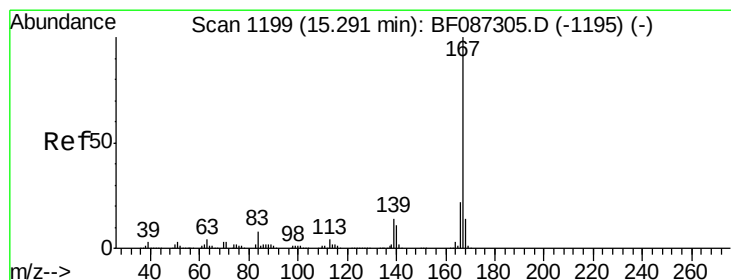
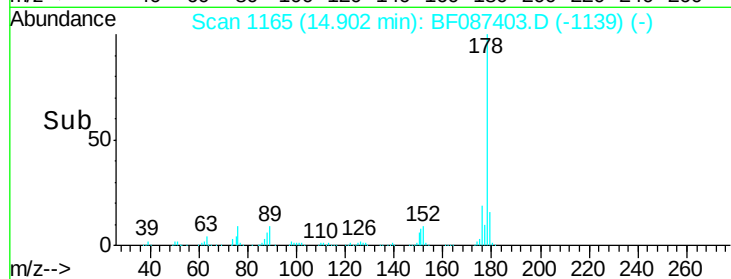
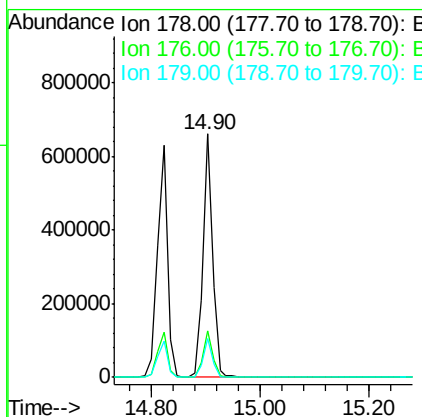
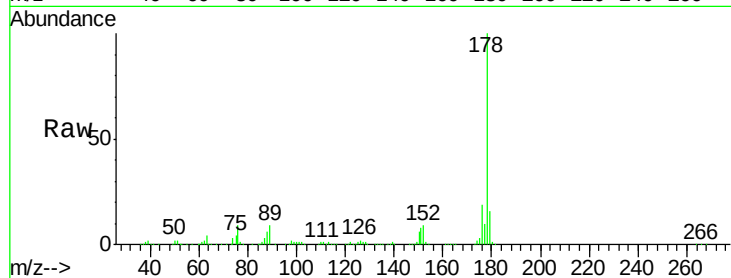
#71
 Anthracene
 Concen: 51.23 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	799595		
176	19.2	15.6	23.4	
179	15.9	12.7	19.1	

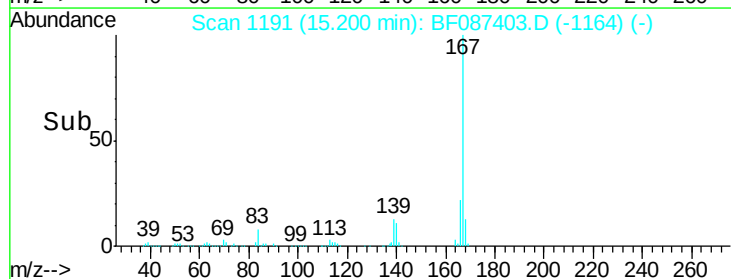
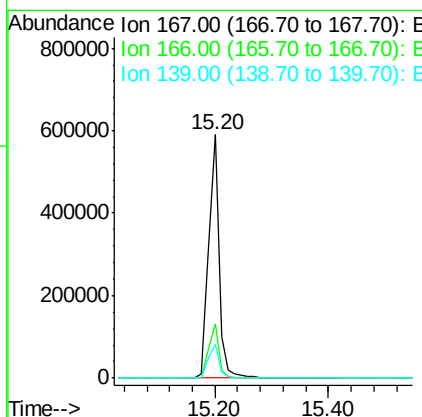
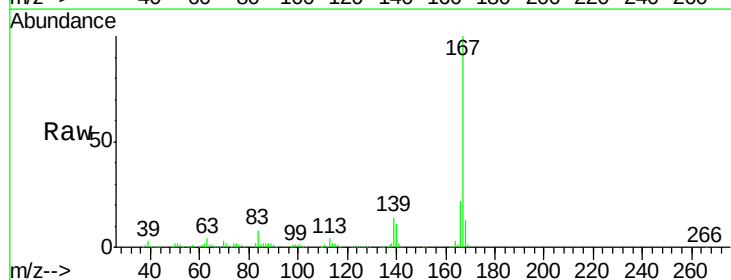
Manual Integrations
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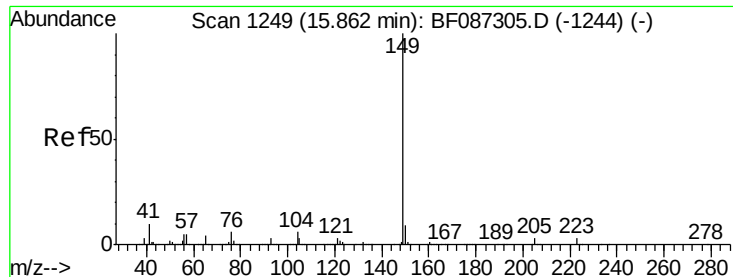
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#72
 Carbazole
 Concen: 53.66 ng
 RT: 15.20 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	714388		
166	22.1	17.7	26.5	
139	14.0	10.8	16.2	





#73

Di-n-butylphthalate

Concen: 53.06 ng

RT: 15.77 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

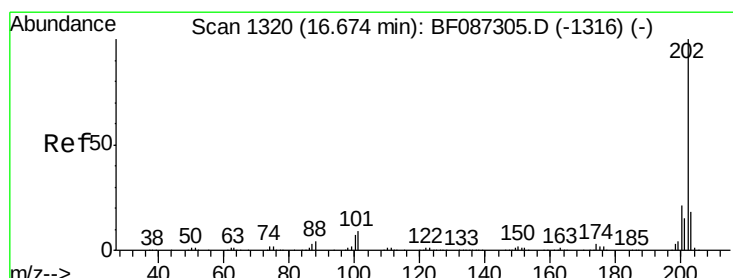
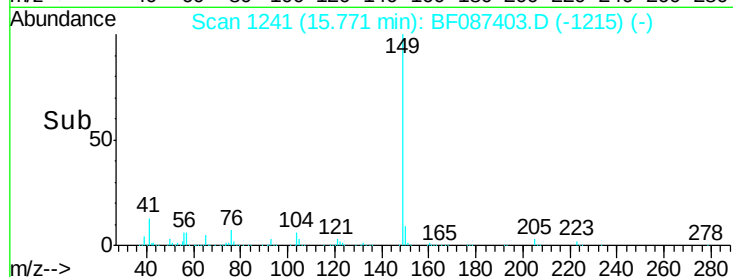
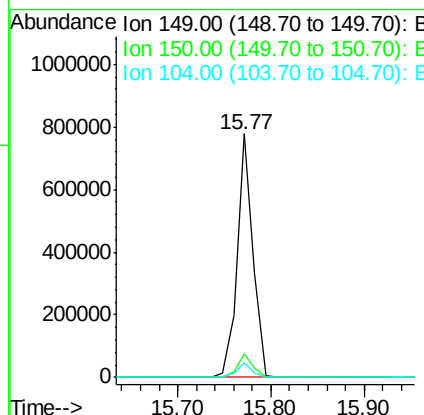
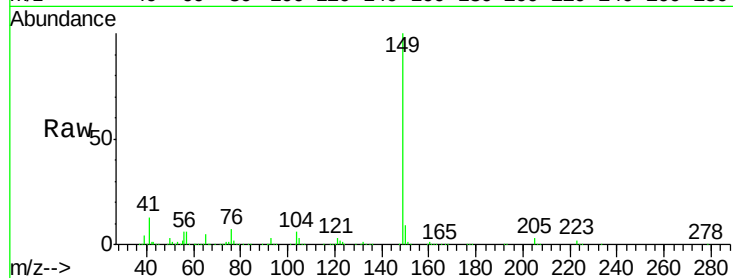
ClientSampleId :

SB-29-COMPMS

Tot Ion:	149	Resp:	913476
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	6.1	3.8	5.6

Manual Integrations
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#74

Fluoranthene

Concen: 50.57 ng

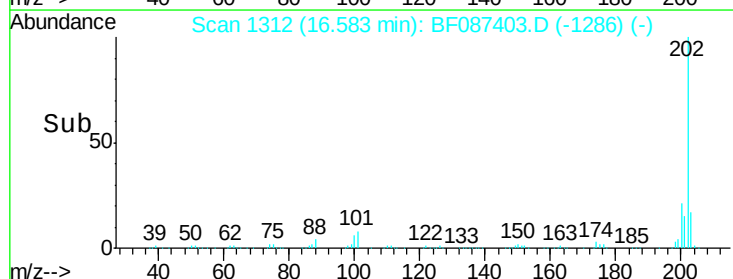
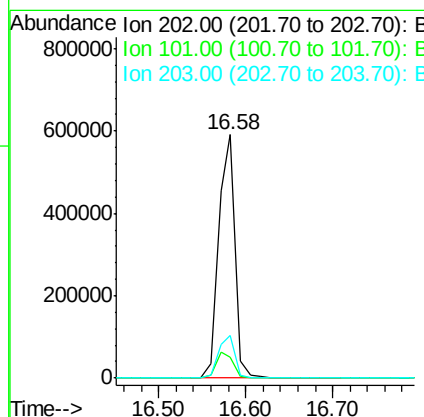
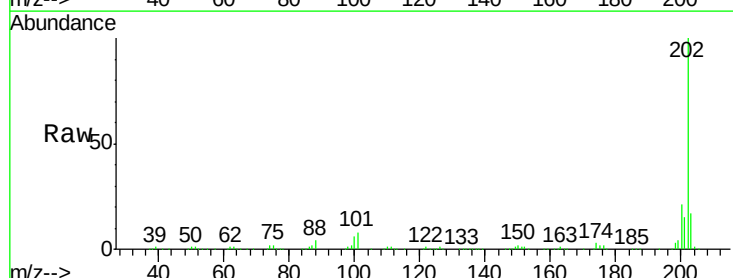
RT: 16.58 min Scan# 1312

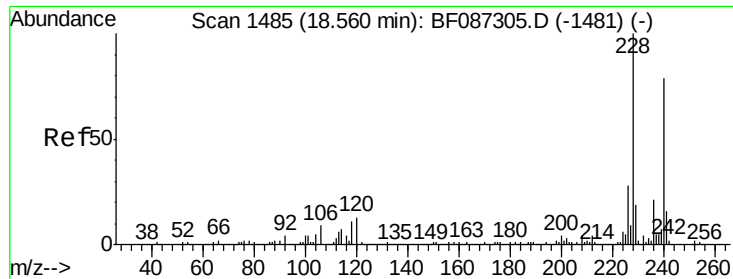
Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:	202	Resp:	783559
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	35.4
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.48 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

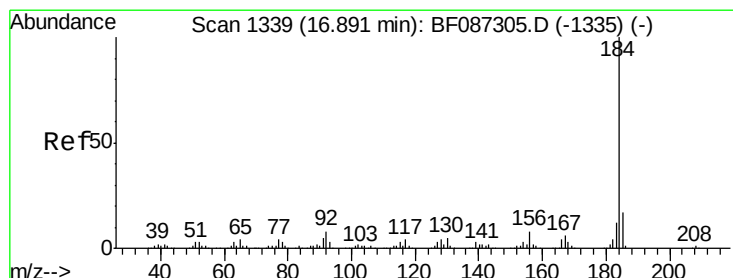
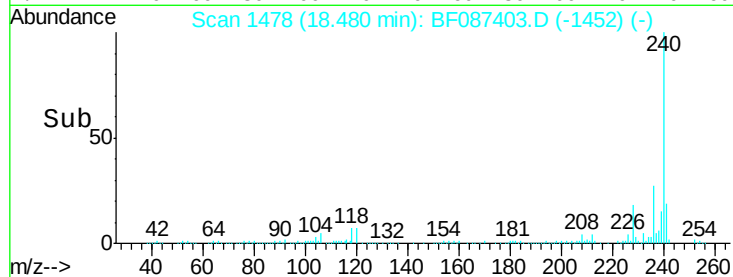
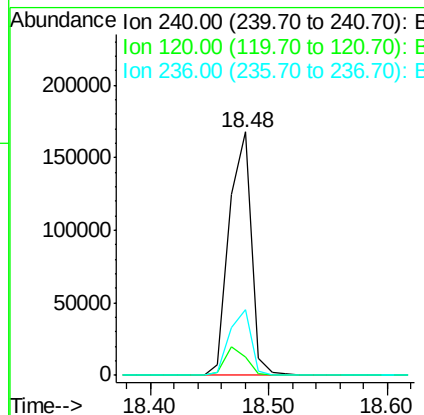
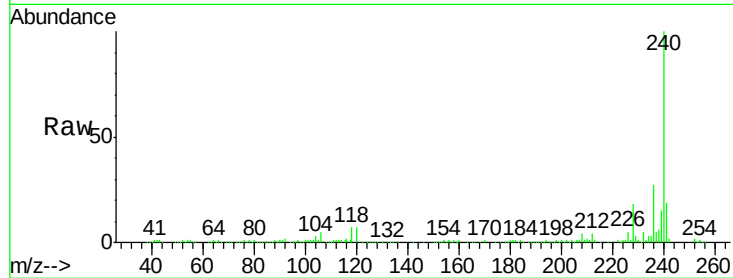
ClientSampleId :

SB-29-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	216023		
120	7.5	11.2	16.8#	
236	26.8	21.2	31.8	

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#76

Benzidine

Concen: 64.91 ng

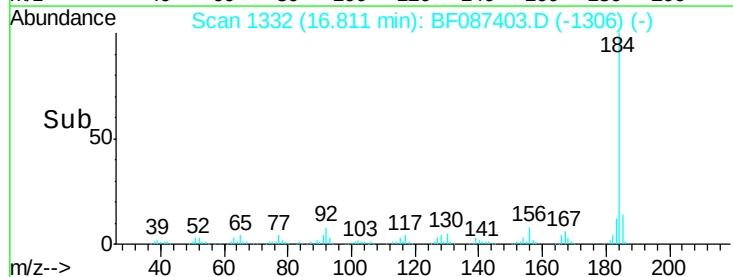
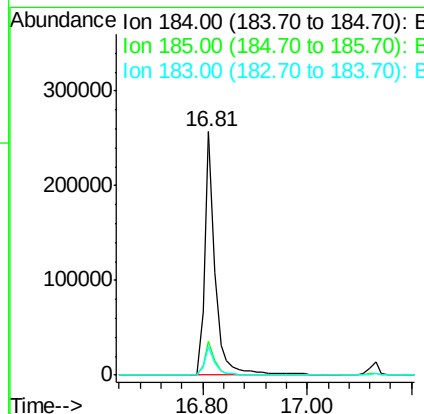
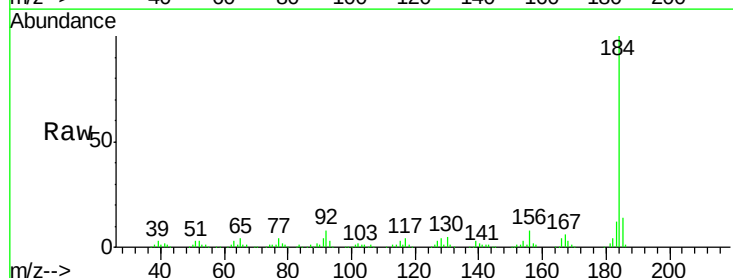
RT: 16.81 min Scan# 1332

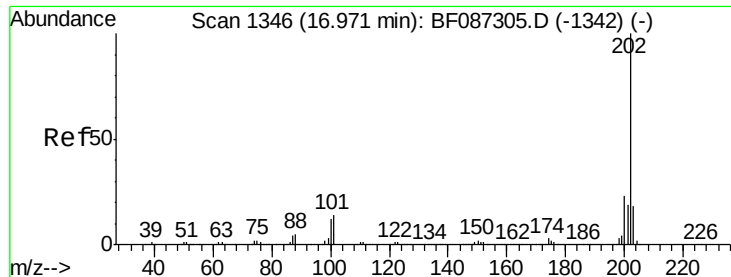
Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	360806		
185	13.7	13.6	20.4	
183	11.7	9.8	14.6	





#77

Pvrene

Concen: 49.90 ng

RT: 16.88 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

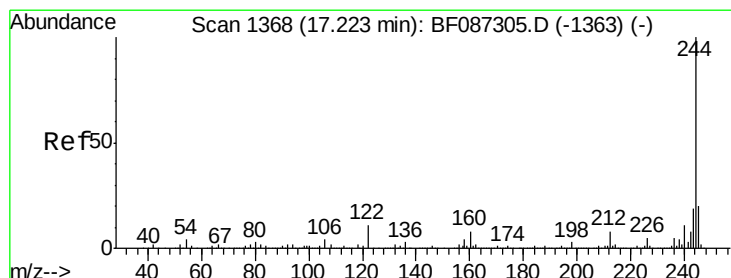
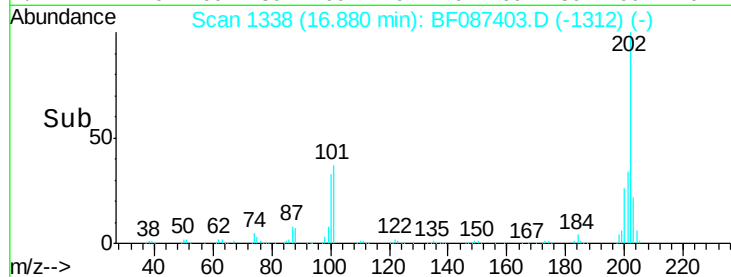
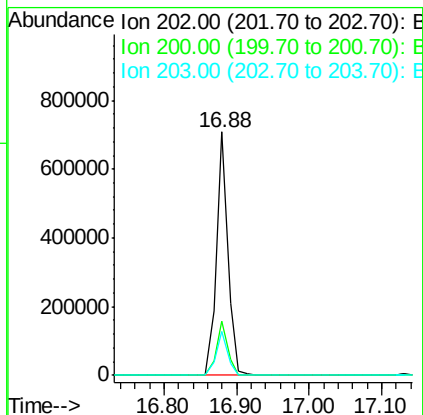
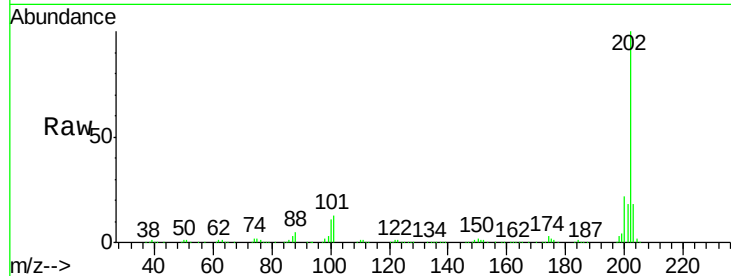
ClientSampleId :

SB-29-COMPMS

Tot Ion:	202	Resp:	775887
Ion Ratio		Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.2	14.2	21.4

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#78

Terphenyl-d14

Concen: 88.72 ng

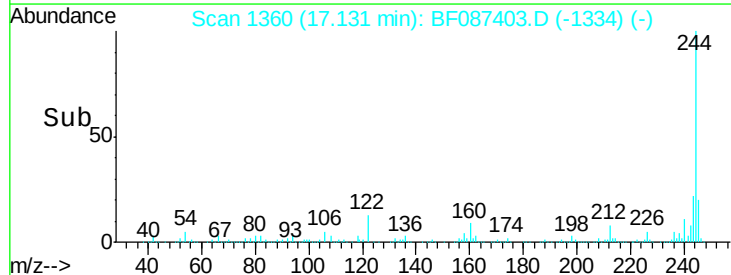
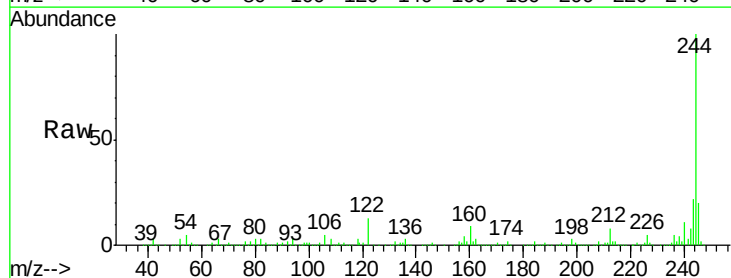
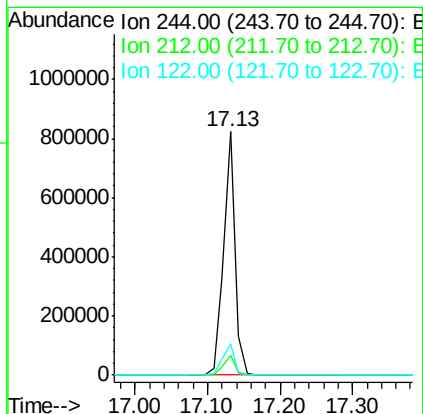
RT: 17.13 min Scan# 1360

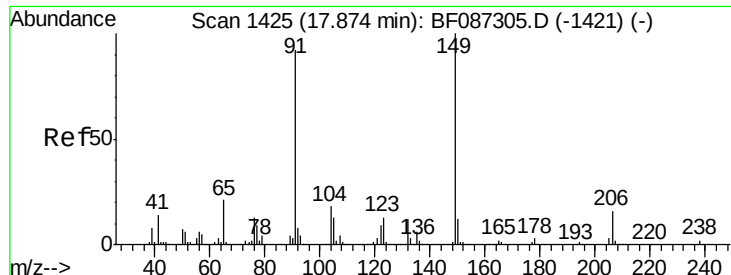
Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:	244	Resp:	901461
Ion Ratio		Lower	Upper
244	100		
212	8.1	6.2	9.2
122	12.8	12.0	18.0





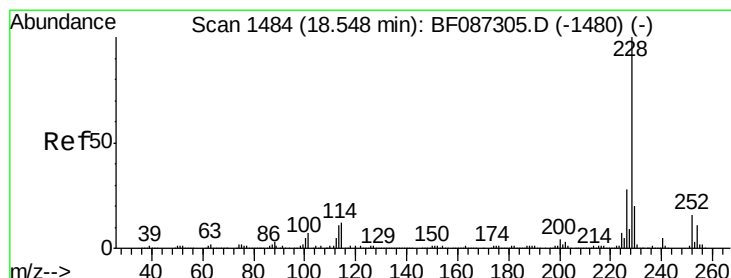
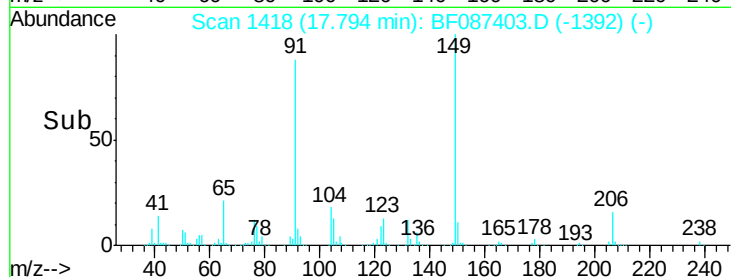
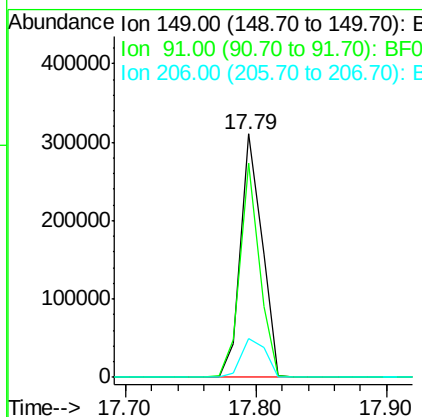
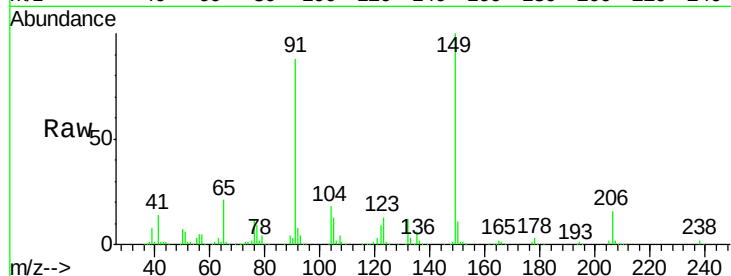
#79
Butylbenzylphthalate
Concen: 51.24 ng
RT: 17.79 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	353358		
91	87.7	48.0	72.0#	
206	16.2	15.8	23.6	

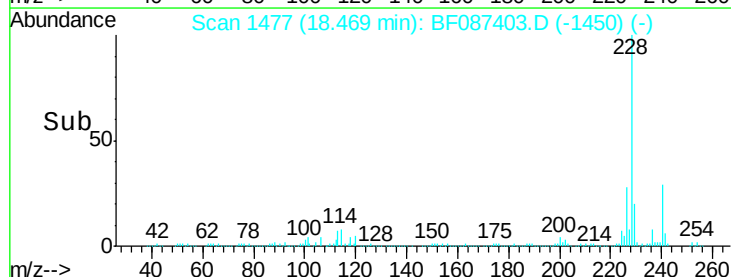
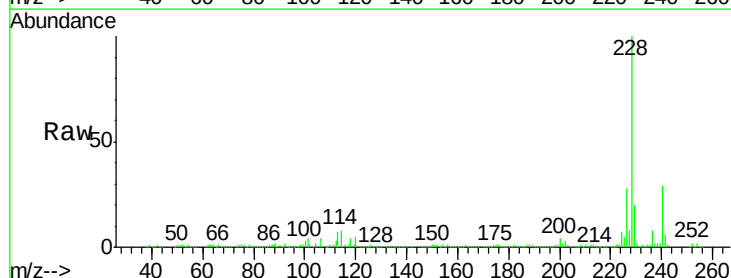
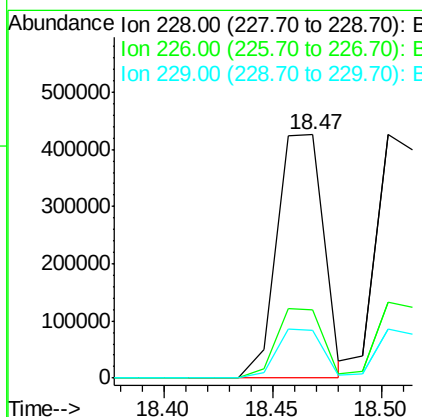
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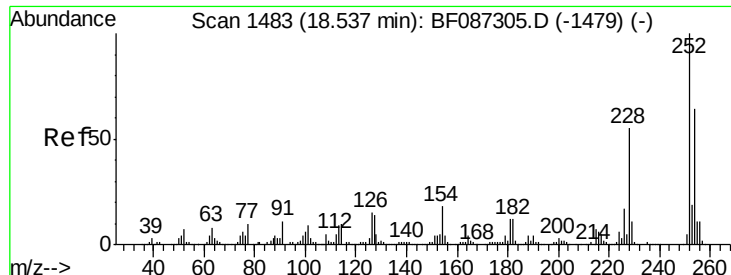
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#80
Benzo(a)anthracene
Concen: 51.97 ng
RT: 18.47 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	638610		
226	28.0	22.5	33.7	
229	19.7	16.6	25.0	





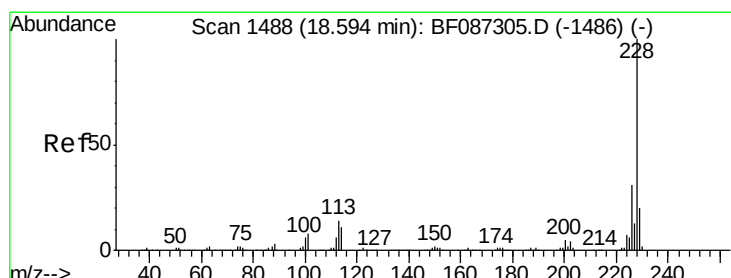
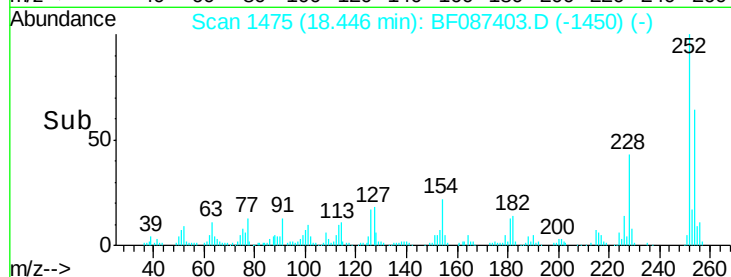
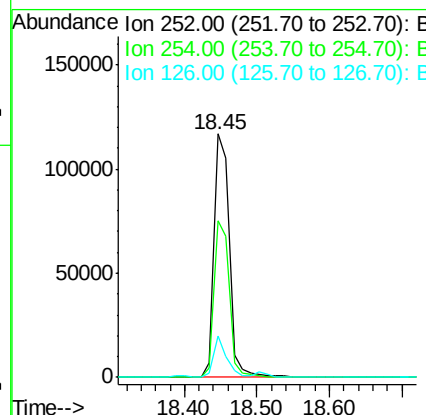
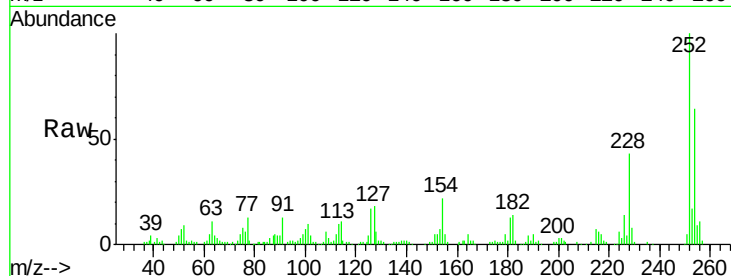
#81
 3,3'-Dichlorobenzidine
 Concen: 25.33 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	171942		
254	64.4	50.7	76.1	
126	17.1	12.7	19.1	

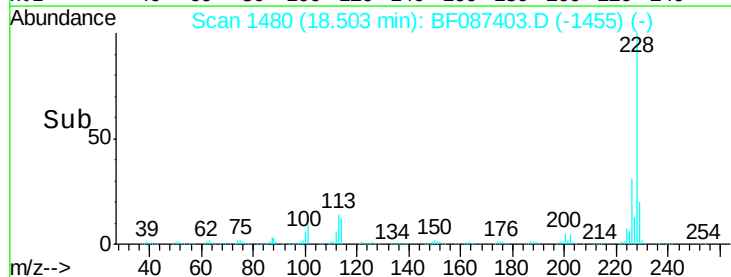
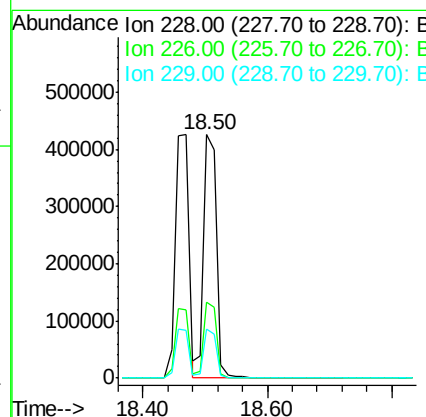
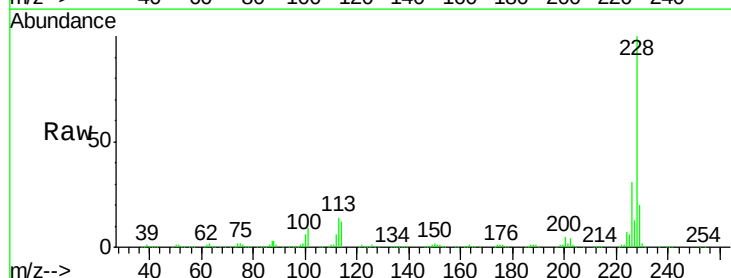
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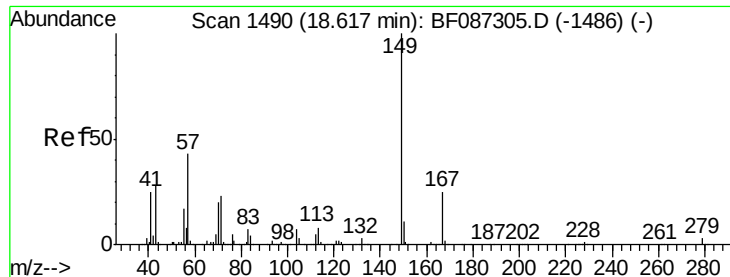
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#82
 Chrysene
 Concen: 50.80 ng
 RT: 18.50 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	619515		
226	31.2	24.4	36.6	
229	20.0	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.65 ng

RT: 18.54 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

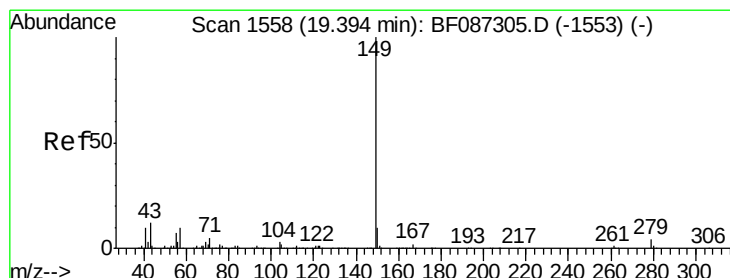
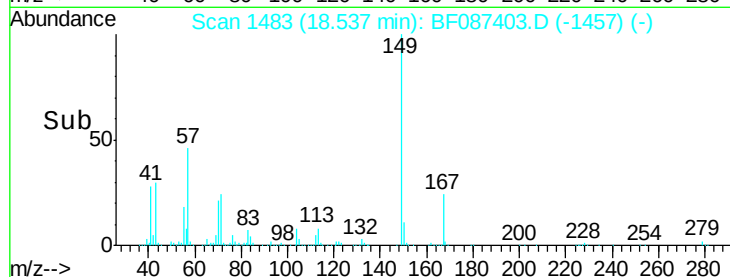
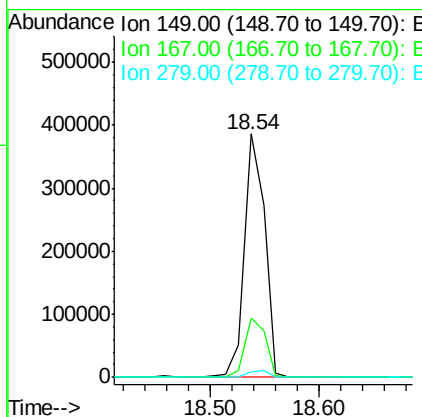
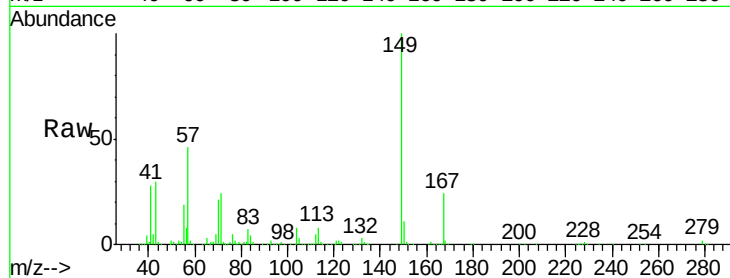
ClientSampleId :

SB-29-COMPMS

Tot Ion:	149	Resp:	499581
Ion Ratio	Lower	Upper	
149	100		
167	24.1	21.8	32.6
279	2.2	2.6	4.0#

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#84

Di-n-octyl phthalate

Concen: 51.90 ng

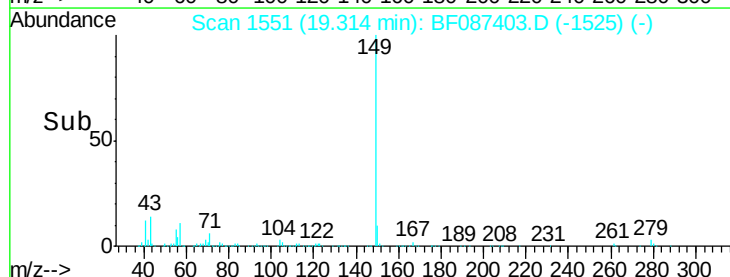
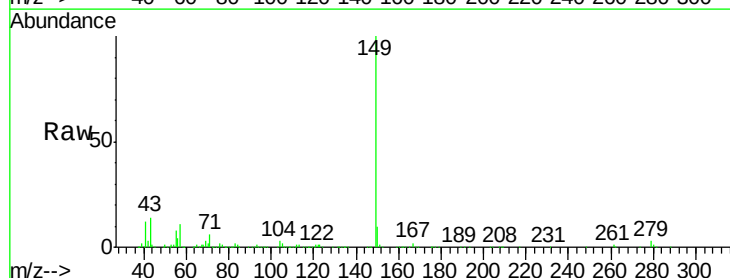
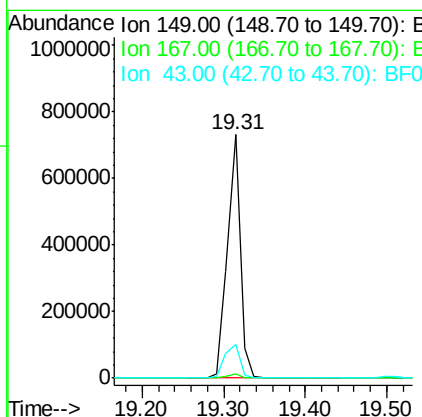
RT: 19.31 min Scan# 1551

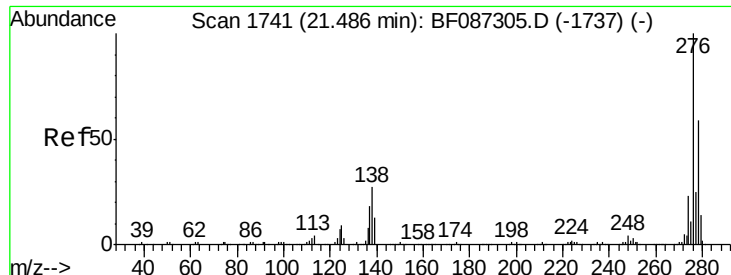
Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:	149	Resp:	796406
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	16.3	8.2	12.4#





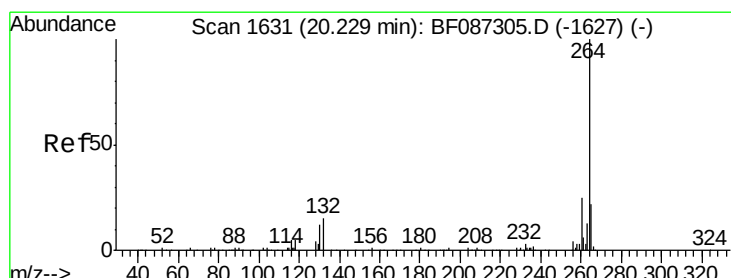
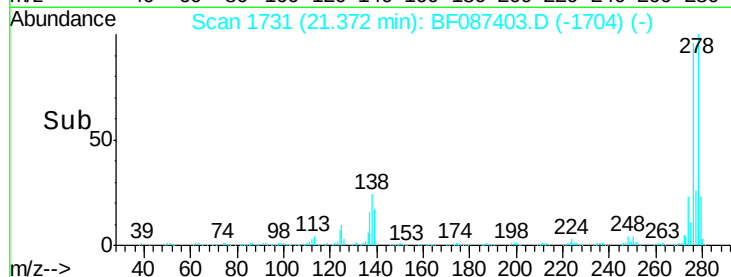
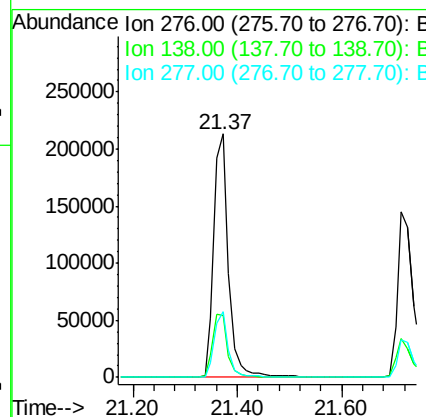
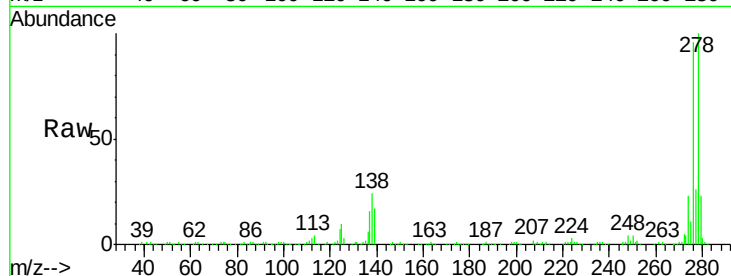
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.03 ng
RT: 21.37 min Scan# 1731
Delta R.T. 0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.6	38.4
277	25.6	20.5	30.7

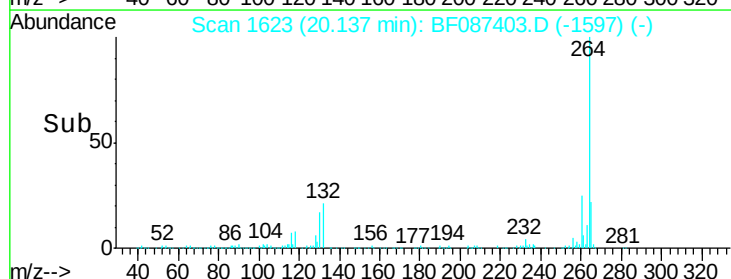
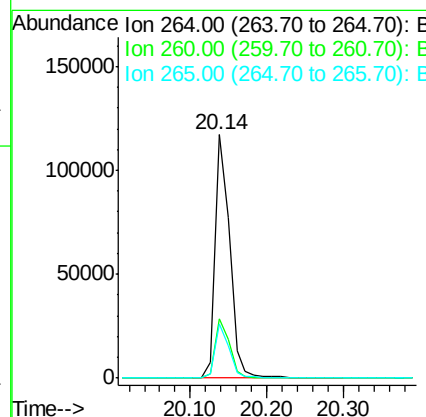
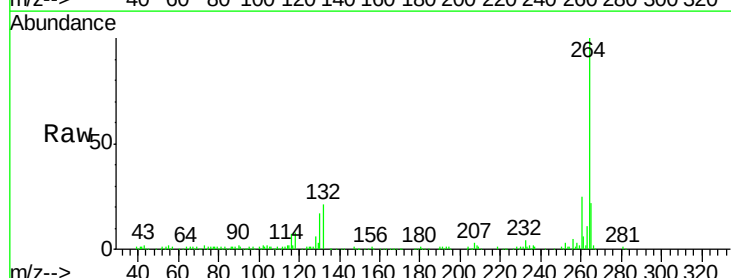
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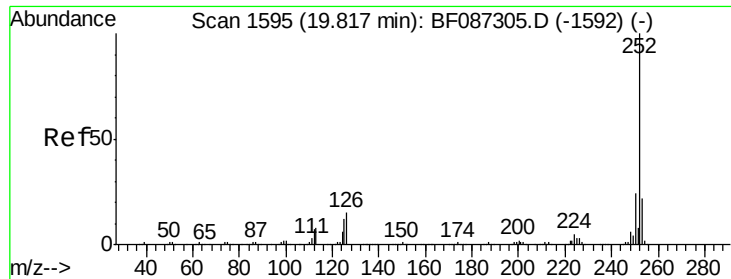
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 53.57 ng

RT: 19.74 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Instrument :

BNA_F

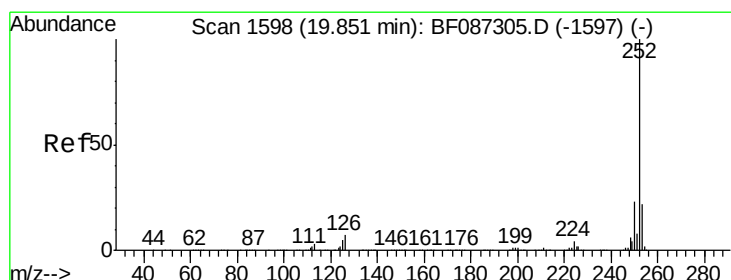
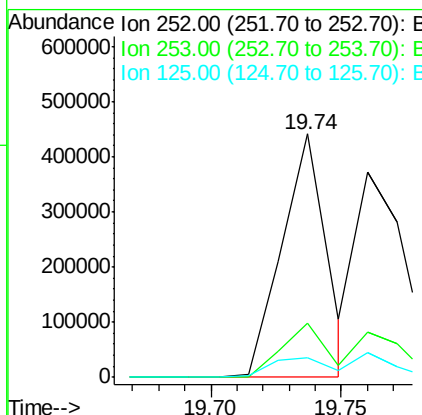
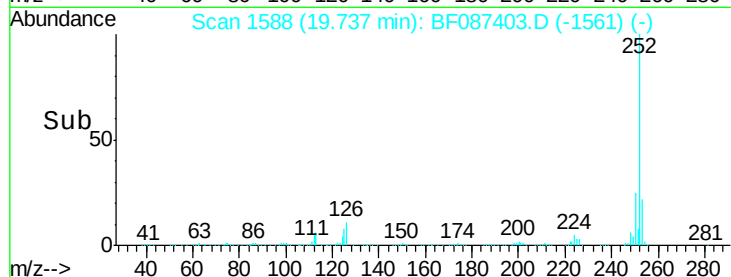
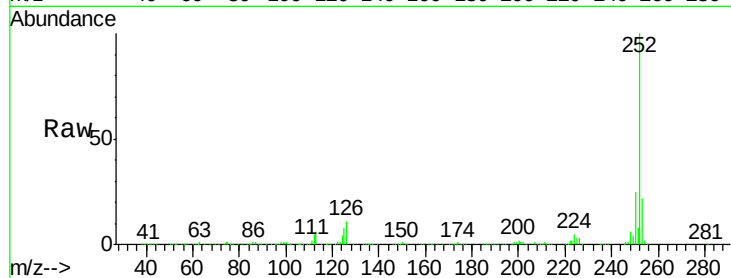
ClientSampleId :

SB-29-COMPMS

Tot Ion:	252	Resp:	522082
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	8.3	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 57.00 ng m

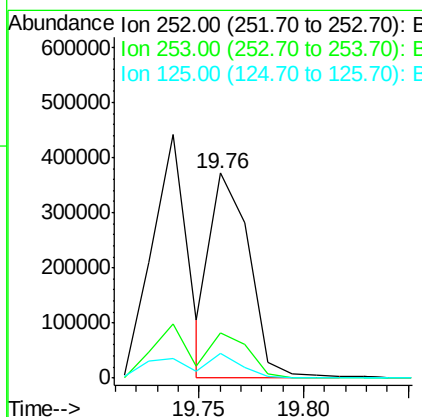
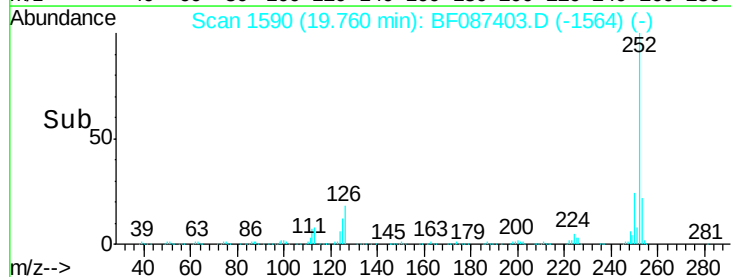
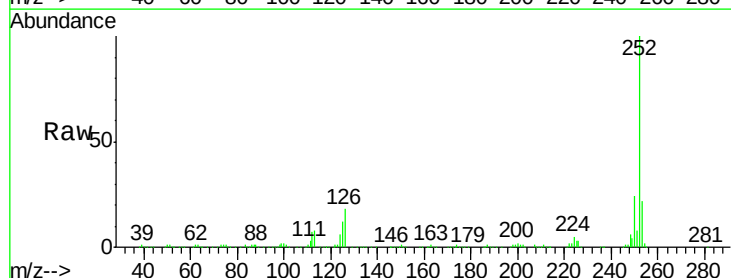
RT: 19.76 min Scan# 1590

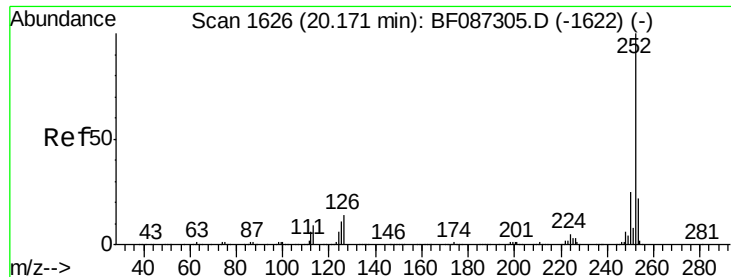
Delta R.T. 0.00 min

Lab File: BF087403.D

Acq: 26 May 2016 9:18

Tgt Ion:	252	Resp:	478198
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	12.4	9.1	13.7





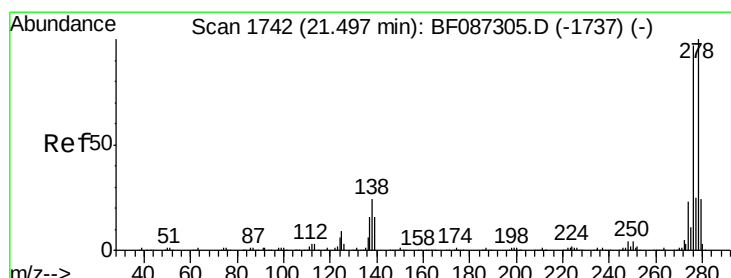
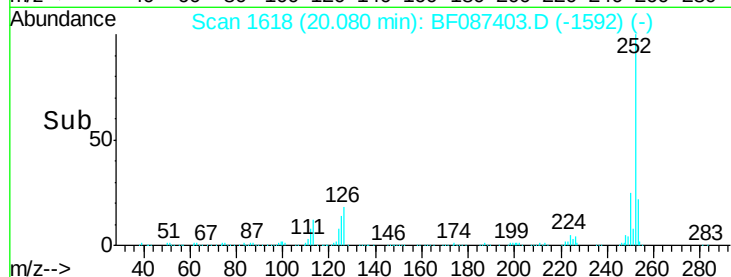
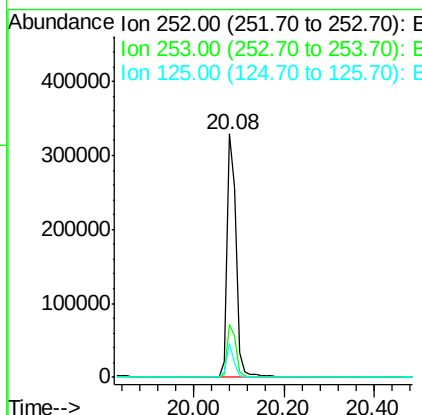
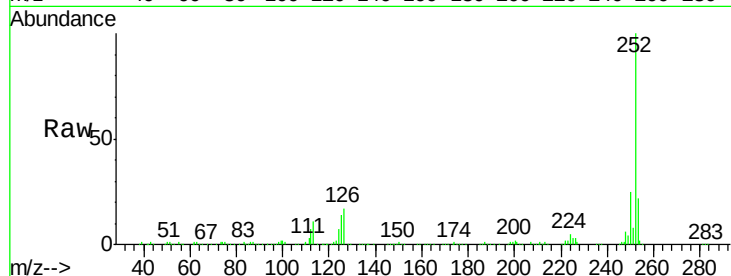
#89
Benzo(a)pyrene
Concen: 53.96 ng
RT: 20.08 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SB-29-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.2	25.8
125	13.9	9.0	13.6

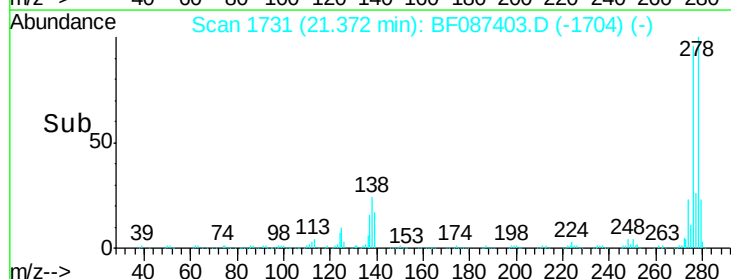
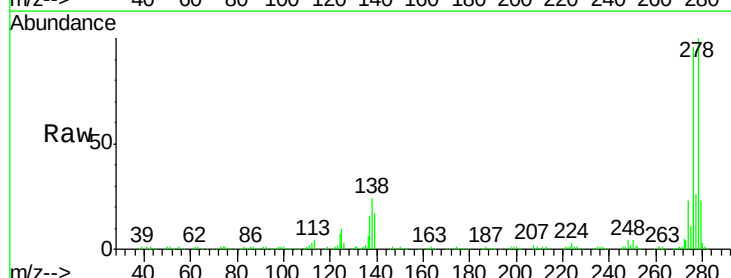
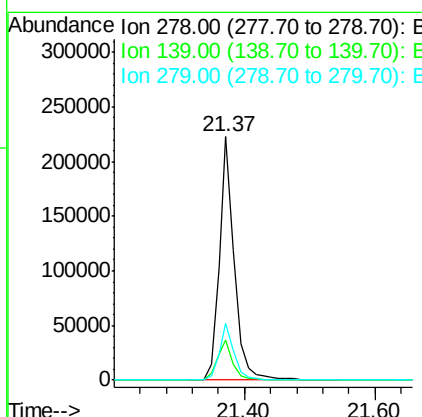
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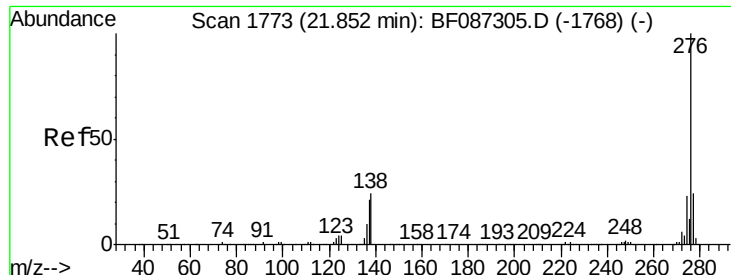
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#90
Dibenzo(a,h)anthracene
Concen: 50.12 ng
RT: 21.37 min Scan# 1731
Delta R.T. 0.01 min
Lab File: BF087403.D
Acq: 26 May 2016 9:18

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	16.5	16.6	24.8
279	23.2	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.08 ng
 RT: 21.71 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BF087403.D
 Acq: 26 May 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.0	19.6	29.4
138	23.7	23.6	35.4

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