

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082624.D
 Acq On : 31 Oct 2015 16:32
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Mmdadoda
 11/2/2015 4:32:38 PM

Quant Time: Nov 02 04:50:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	241122	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	866550	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	439595	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	779650	20.00	ng	0.00
75) Chrysene-d12	14.09	240	510611	20.00	ng	0.01
86) Perylene-d12	15.56	264	505529	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1156653	72.25	ng	0.00
7) Phenol-d6	6.53	99	1640850	77.15	ng	0.00
23) Nitrobenzene-d5	7.47	82	1579912	74.45	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	355669	73.93	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2287921	73.90	ng	0.00
78) Terphenyl-d14	13.03	244	1952393	83.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	268344	36.26	ng	93
3) Pyridine	3.26	79	817245	37.66	ng	97
4) n-Nitrosodimethylamine	3.22	42	420505	34.43	ng	99
6) Aniline	6.57	93	1087606	36.73	ng	100
8) 2-Chlorophenol	6.69	128	699967	40.41	ng	92
9) Benzaldehyde	6.45	77	524382	36.12	ng	83
10) Phenol	6.56	94	948701	39.36	ng	93
11) bis(2-Chloroethyl)ether	6.65	93	705876	39.70	ng	# 83
12) 1,3-Dichlorobenzene	6.85	146	751526m	38.05	ng	
13) 1,4-Dichlorobenzene	6.92	146	714580	36.48	ng	99
14) 1,2-Dichlorobenzene	7.08	146	766390	42.15	ng	99
15) Benzyl Alcohol	7.05	79	679909	34.28	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1057947	37.44	ng	92
17) 2-Methylphenol	7.16	107	540243	36.68	ng	97
18) Hexachloroethane	7.42	117	289076	37.81	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	628655	38.99	ng	89
20) 3+4-Methylphenols	7.32	107	759025	39.66	ng	# 83
22) Acetophenone	7.32	105	1021768	40.05	ng	# 89
24) Nitrobenzene	7.49	77	919333	42.86	ng	91
25) Isophorone	7.73	82	1465591	37.54	ng	98
26) 2-Nitrophenol	7.81	139	354386	45.23	ng	# 62
27) 2,4-Dimethylphenol	7.85	122	567462	37.10	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	908919	42.56	ng	99
29) 2,4-Dichlorophenol	8.05	162	591918	42.46	ng	93
30) 1,2,4-Trichlorobenzene	8.13	180	601917	38.90	ng	100
31) Naphthalene	8.21	128	1713376	36.54	ng	100
32) Benzoic acid	7.97	122	448993	40.46	ng	96
33) 4-Chloroaniline	8.26	127	719555	35.94	ng	99
34) Hexachlorobutadiene	8.34	225	379108	38.53	ng	100
35) Caprolactam	8.65	113	157680	36.86	ng	95
36) 4-Chloro-3-methylphenol	8.75	107	669496	40.78	ng	# 82
37) 2-Methylnaphthalene	8.91	142	1254865	41.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	628305	42.83	ng	98
40) Hexachlorocyclopentadiene	9.07	237	197287	21.39	ng	98

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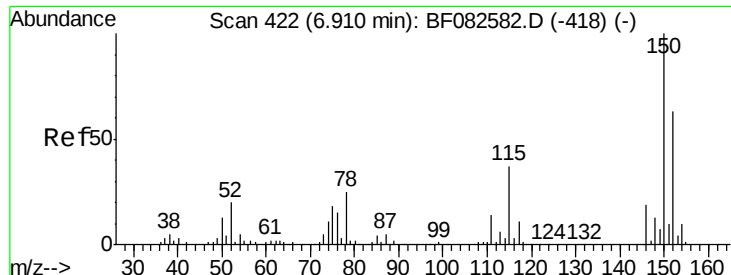
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	419701	39.63	ng	98
43) 2,4,5-Trichlorophenol	9.23	196	420126	39.81	ng #	77
45) 1,1'-Biphenyl	9.38	154	1654970	44.57	ng	98
46) 2-Chloronaphthalene	9.40	162	1247731	43.03	ng	99
47) 2-Nitroaniline	9.48	65	449811	39.91	ng	96
48) Acenaphthylene	9.81	152	1724433	37.18	ng	99
49) Dimethylphthalate	9.68	163	1263762	35.20	ng	100
50) 2,6-Dinitrotoluene	9.73	165	295742	39.74	ng	91
51) Acenaphthene	9.98	154	1040213	35.33	ng	99
52) 3-Nitroaniline	9.90	138	376297	45.45	ng #	72
53) 2,4-Dinitrophenol	10.00	184	108282	31.72	ng #	57
54) Dibenzofuran	10.16	168	1413439	35.38	ng	98
55) 4-Nitrophenol	10.05	139	234152	37.59	ng #	78
56) 2,4-Dinitrotoluene	10.13	165	385661	38.33	ng	96
57) Fluorene	10.50	166	1173005	36.40	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	327696	36.74	ng	94
59) Diethylphthalate	10.38	149	1482307	40.56	ng	98
60) 4-Chlorophenyl-phenylether	10.50	204	648597	41.41	ng	95
61) 4-Nitroaniline	10.51	138	328314	41.56	ng	97
62) Azobenzene	10.65	77	1593681	38.67	ng	84
64) 4,6-Dinitro-2-methylphenol	10.54	198	201589	42.87	ng	79
65) n-Nitrosodiphenylamine	10.61	169	1154151	43.06	ng	100
66) 4-Bromophenyl-phenylether	10.99	248	380144	43.03	ng	99
67) Hexachlorobenzene	11.05	284	410697	41.92	ng	94
68) Atrazine	11.14	200	327949	37.40	ng	98
69) Pentachlorophenol	11.24	266	272137	42.13	ng	99
70) Phenanthrene	11.46	178	1588170	36.12	ng	99
71) Anthracene	11.52	178	1938096	43.77	ng	99
72) Carbazole	11.67	167	1605663	41.63	ng	100
73) Di-n-butylphthalate	12.01	149	2214561	45.11	ng	99
74) Fluoranthene	12.65	202	1569706	34.92	ng	99
76) Benzidine	12.76	184	840821	36.51	ng	99
77) Pyrene	12.88	202	1538196	40.68	ng	100
79) Butylbenzylphthalate	13.51	149	846500	51.11	ng	92
80) Benzo(a)anthracene	14.08	228	1263118	38.94	ng	98
81) 3,3'-Dichlorobenzidine	14.03	252	456017	40.80	ng	99
82) Chrysene	14.11	228	1157224	39.36	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	1083311	50.46	ng #	98
84) Di-n-octyl phthalate	14.72	149	1751723	52.31	ng	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	1387938	57.21	ng	100
87) Benzo(b)fluoranthene	15.14	252	1114271	31.97	ng #	99
88) Benzo(k)fluoranthene	15.17	252	1155116m	43.50	ng	
89) Benzo(a)pyrene	15.51	252	1109264	40.41	ng #	97
90) Dibenzo(a,h)anthracene	17.03	278	1162652	45.39	ng	98
91) Benzo(g,h,i)perylene	17.44	276	1120385	45.13	ng	99

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



#1

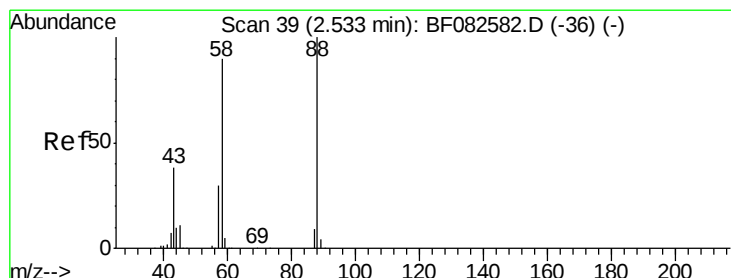
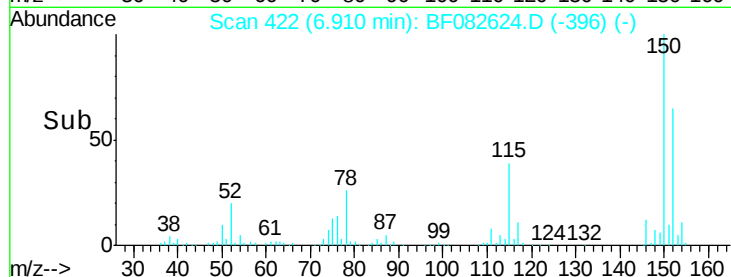
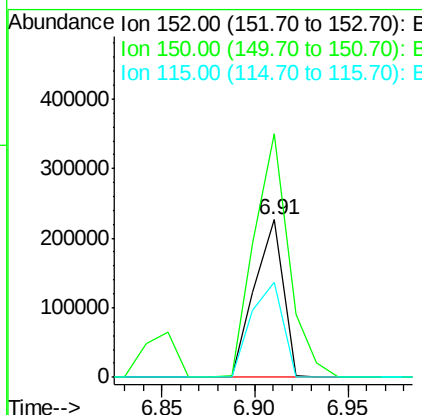
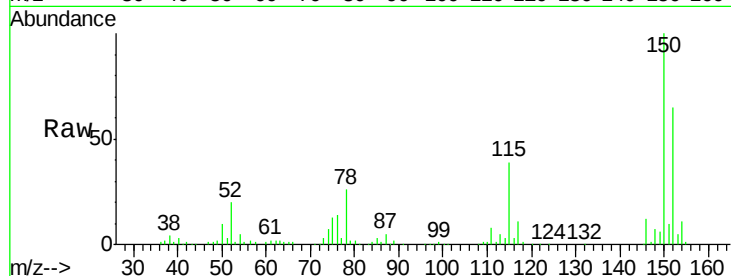
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.0	190.4
115	60.3	47.0	70.6

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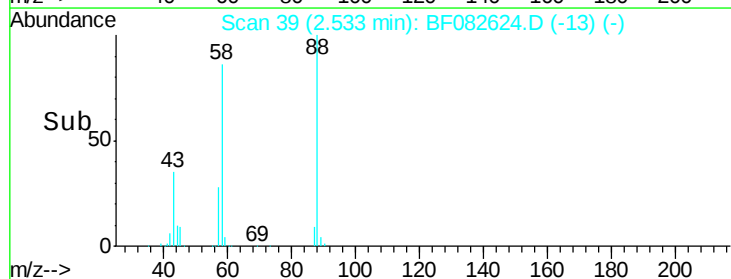
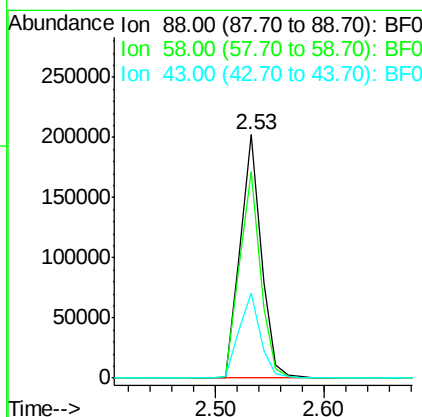
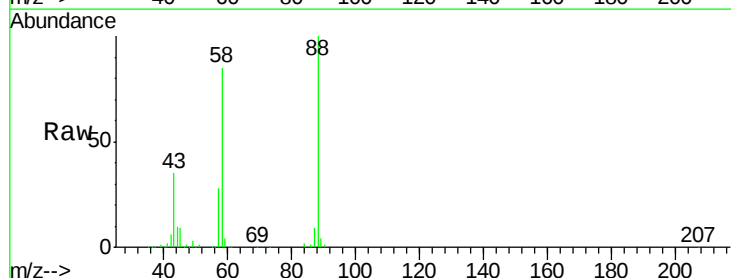
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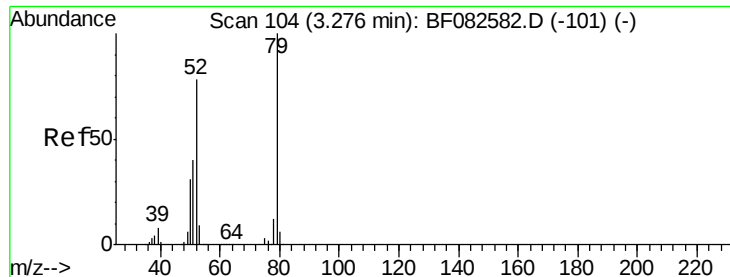


#2

1,4-Dioxane
Concen: 36.26 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	62.0	93.0
43	35.2	26.6	40.0





#3

Pyridine

Concen: 37.66 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF082624.D

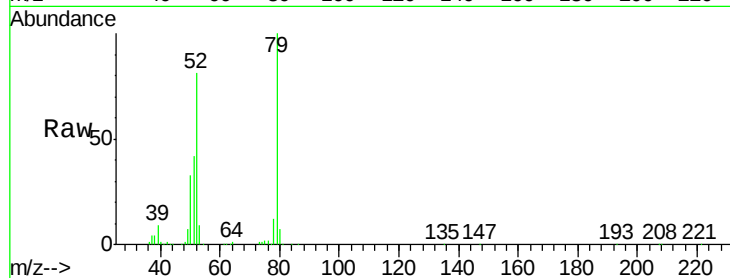
Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

ClientSampleId :

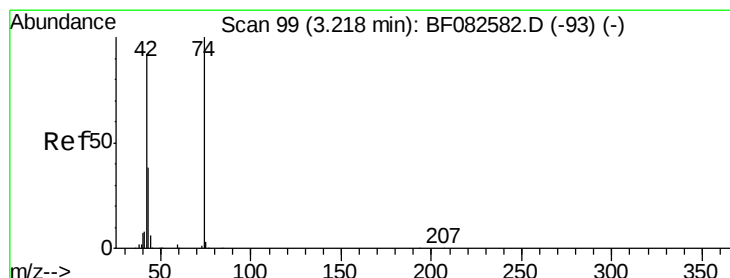
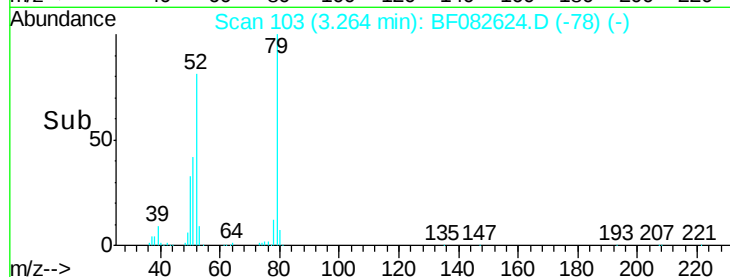
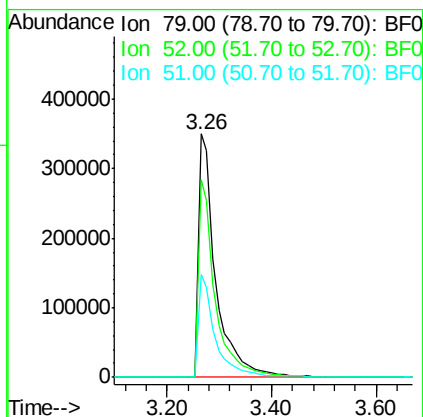
SSTDCCC040EC



Tgt Ion:	79	Resp:	817245
Ion Ratio	Lower	Upper	
79	100		
52	81.4	62.8	94.2
51	42.0	32.0	48.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.43 ng

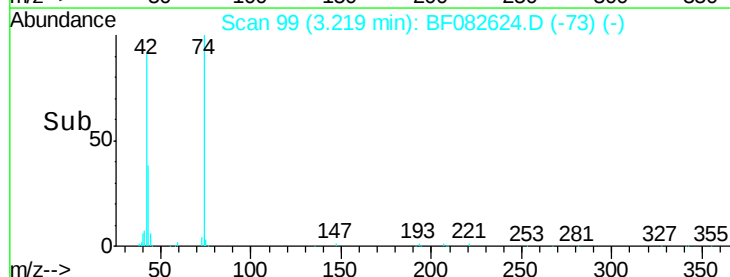
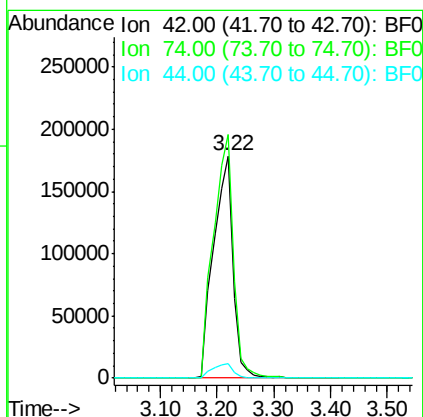
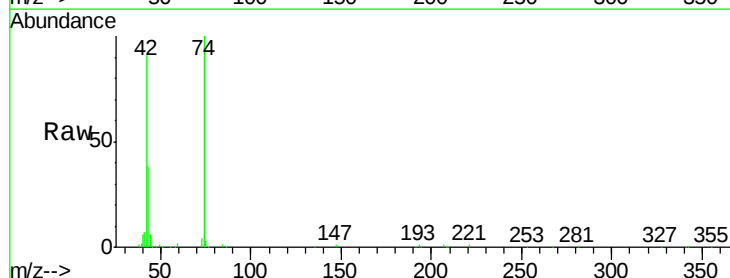
RT: 3.22 min Scan# 99

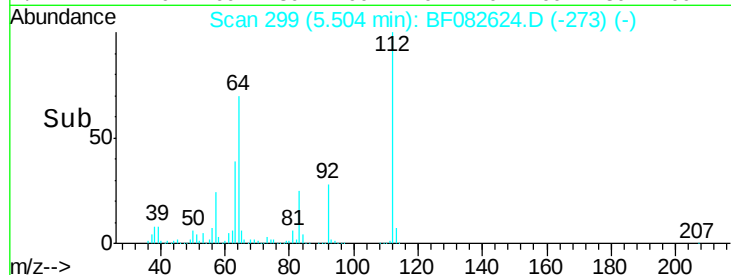
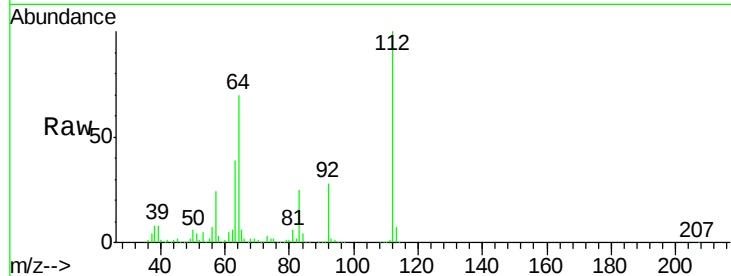
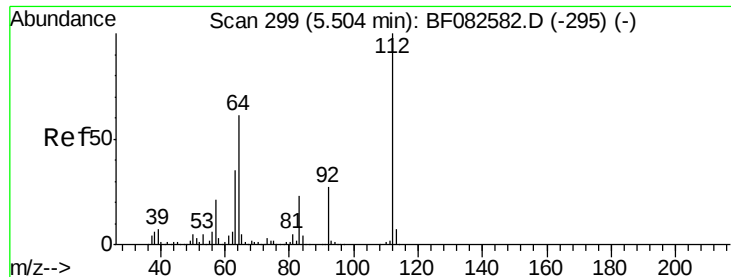
Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Tgt Ion:	42	Resp:	420505
Ion Ratio	Lower	Upper	
42	100		
74	109.7	87.0	130.4
44	6.6	5.8	8.8





#5

2-Fluorophenol

Concen: 72.25 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF082624.D

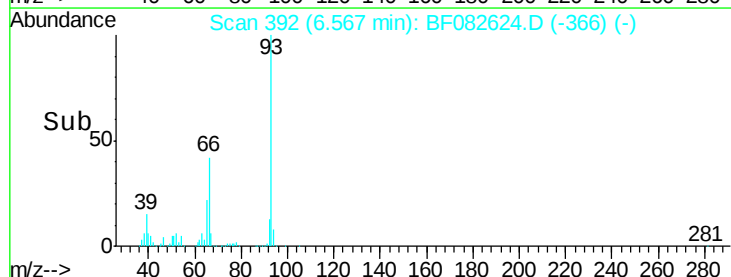
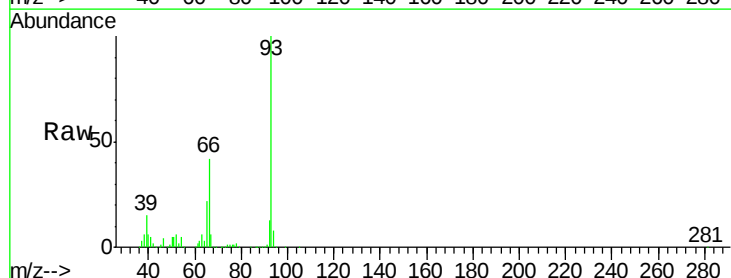
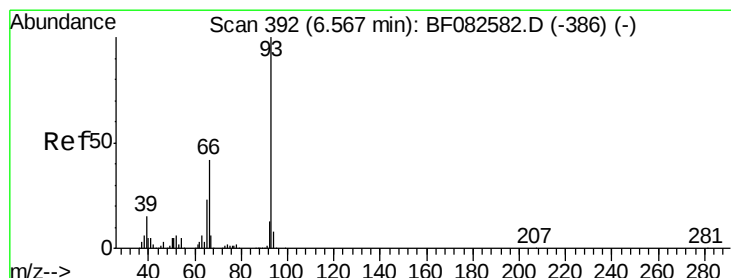
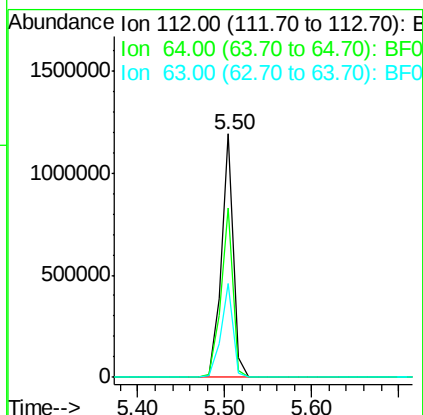
Acq: 31 Oct 2015 16:32

Tgt Ion:	112	Resp:	1156653
Ion	Ratio	Lower	Upper
112	100		
64	69.8	48.9	73.3
63	38.6	28.1	42.1

Instrument :
BNA_F
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#6

Aniline

Concen: 36.73 ng

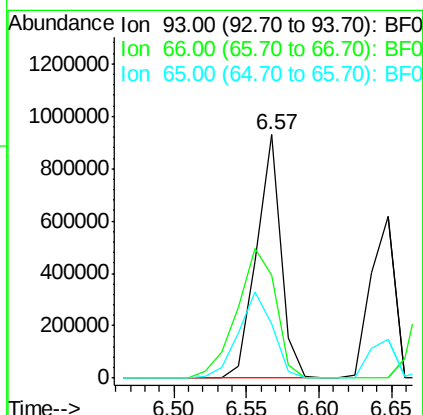
RT: 6.57 min Scan# 392

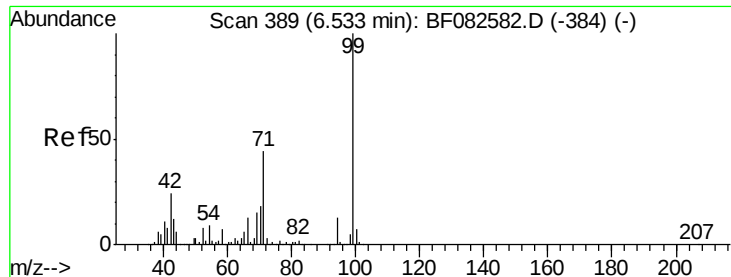
Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Tgt Ion:	93	Resp:	1087606
Ion	Ratio	Lower	Upper
93	100		
66	42.2	33.6	50.4
65	22.3	18.1	27.1





#7

Phenol-d6

Concen: 77.15 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1640850

Ion Ratio Lower Upper

99 100

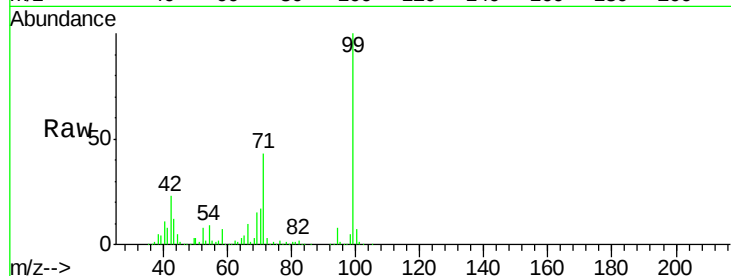
42 23.2 19.2 28.8

71 43.4 35.0 52.4

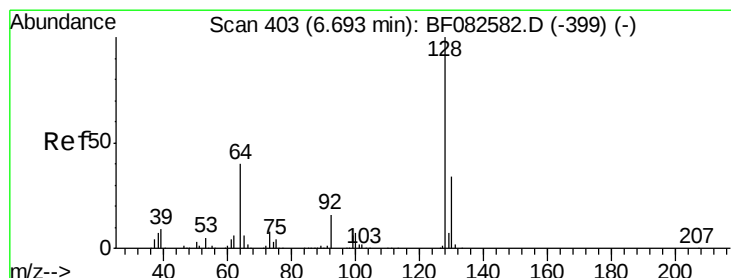
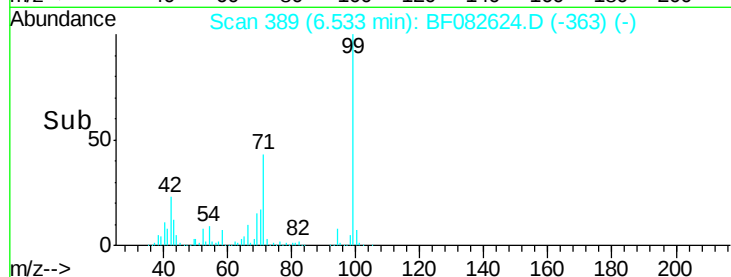
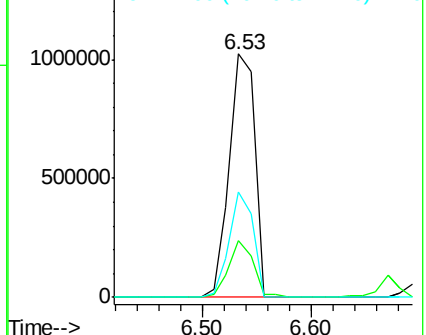
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.41 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

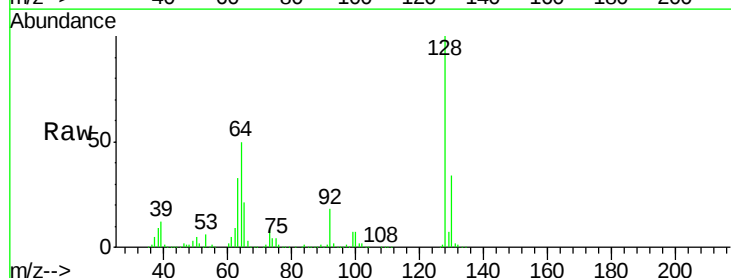
Tgt Ion: 128 Resp: 699967

Ion Ratio Lower Upper

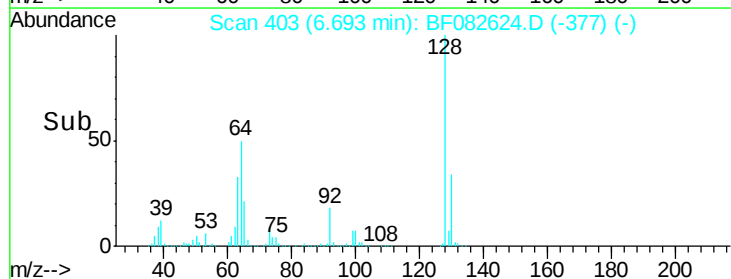
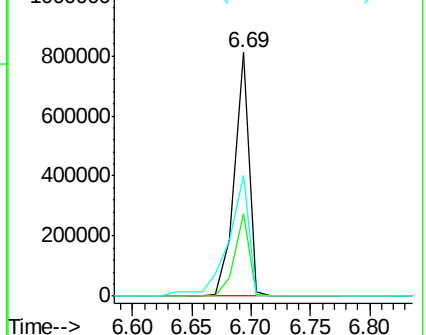
128 100

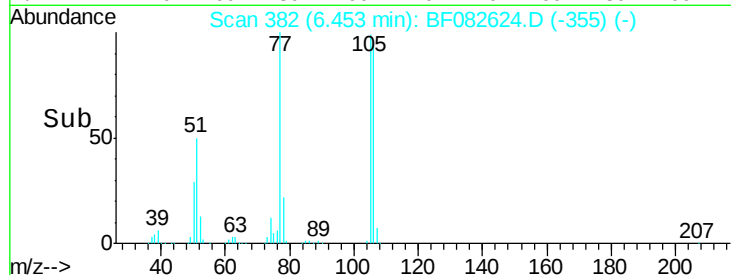
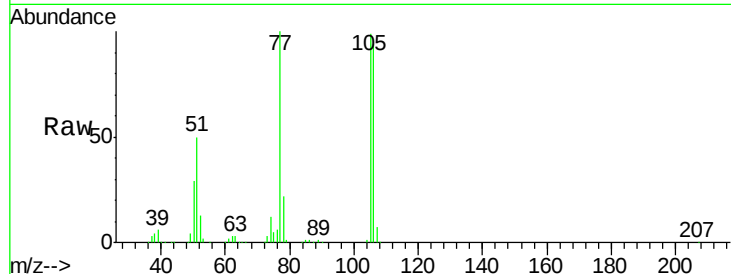
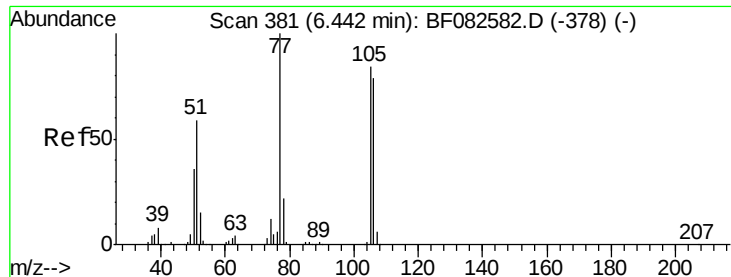
130 33.8 13.5 53.5

64 49.6 21.1 61.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.12 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

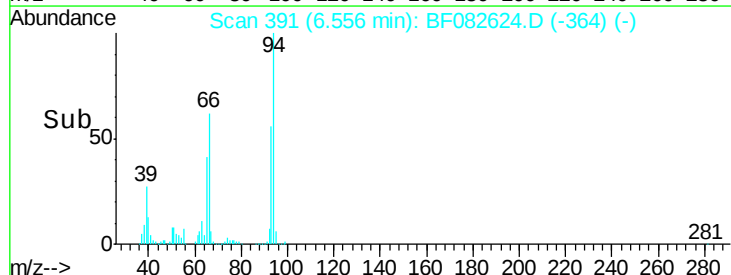
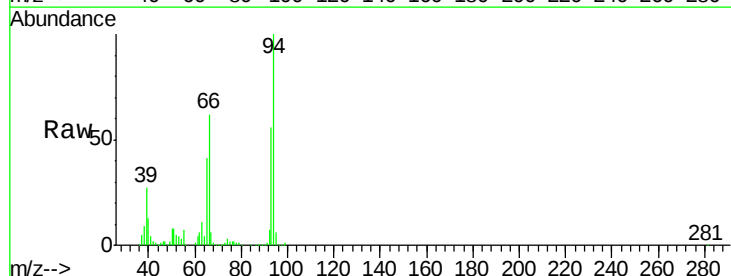
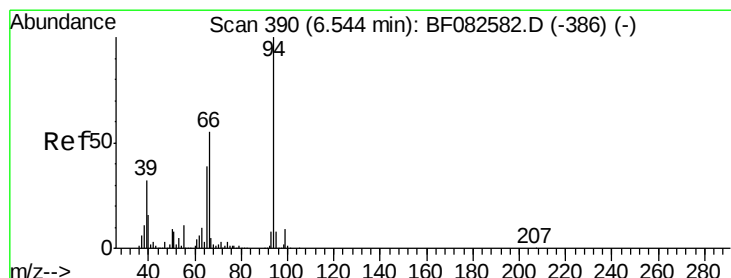
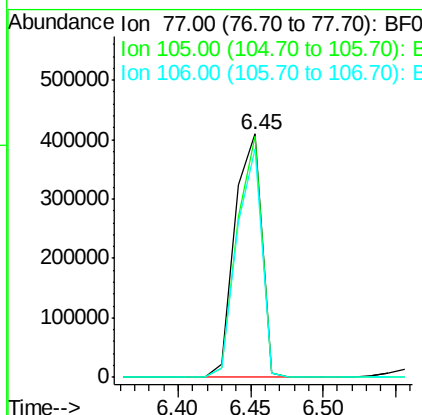
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	77	Resp:	524382
Ion Ratio	Lower	Upper	
77	100		
105	99.0	63.5	103.5
106	93.7	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 39.36 ng

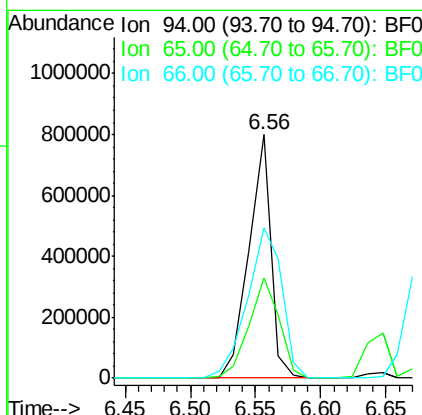
RT: 6.56 min Scan# 391

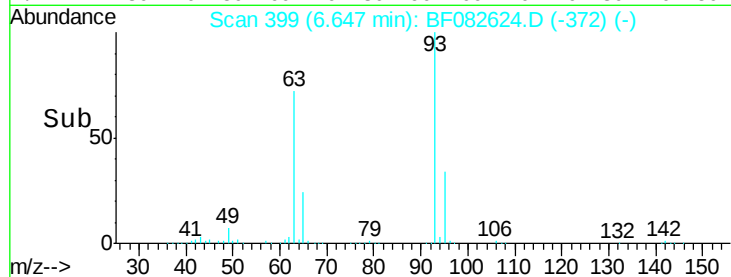
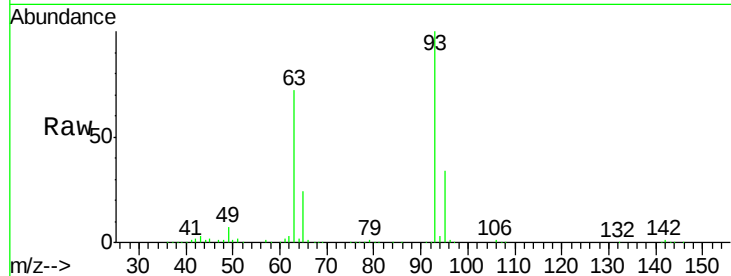
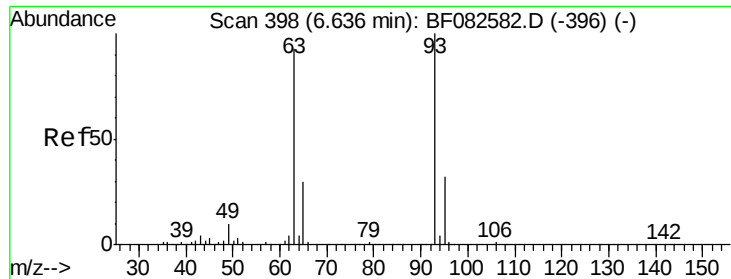
Delta R.T. 0.01 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Tgt Ion:	94	Resp:	948701
Ion Ratio	Lower	Upper	
94	100		
65	41.3	18.9	58.9
66	61.8	34.9	74.9





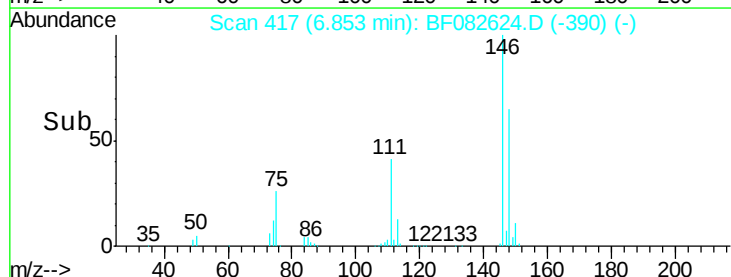
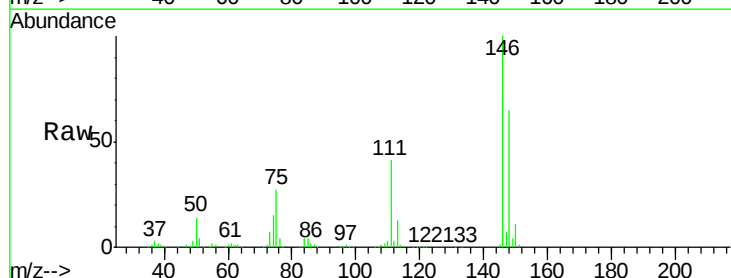
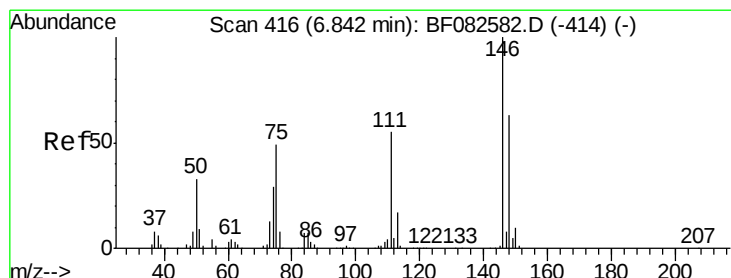
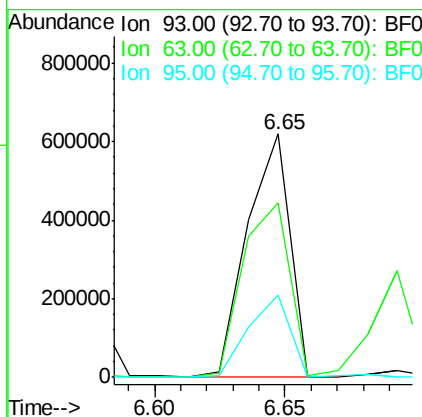
#11
bis(2-Chloroethyl)ether
Concen: 39.70 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.7	72.7	112.7#
95	33.7	12.0	52.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

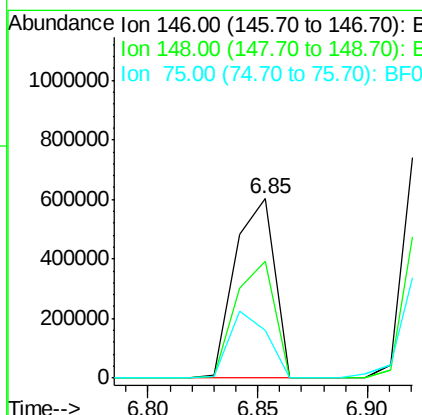
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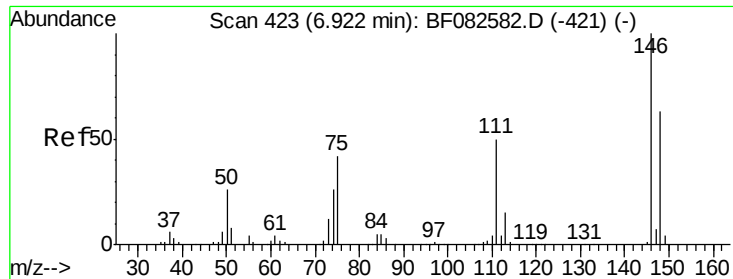
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#12
1,3-Dichlorobenzene
Concen: 38.05 ng m
RT: 6.85 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.5	75.7
75	26.7	39.5	59.3#





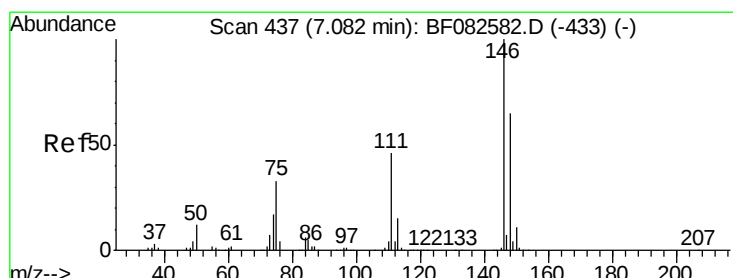
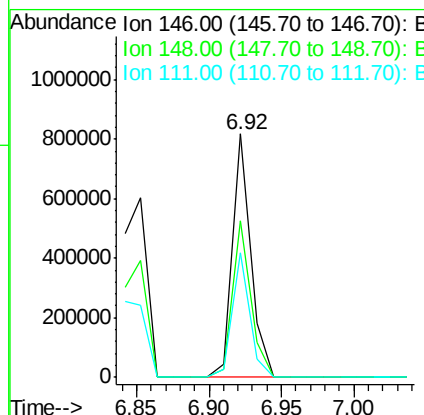
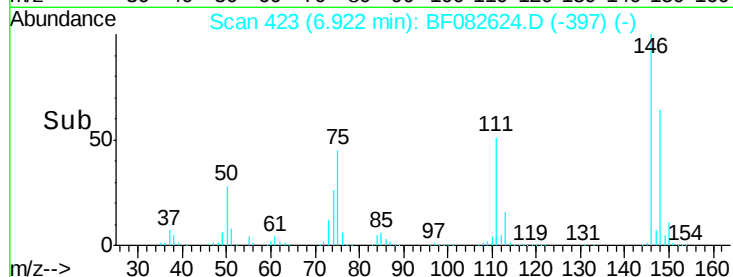
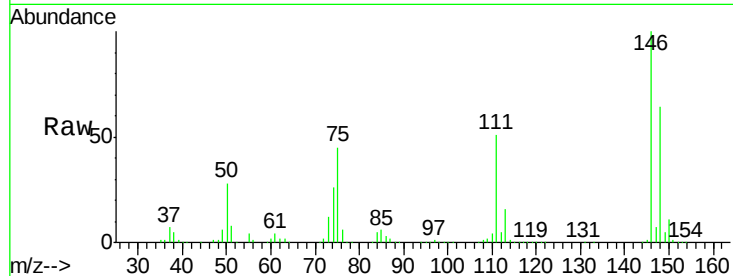
#13
 1,4-Dichlorobenzene
 Concen: 36.48 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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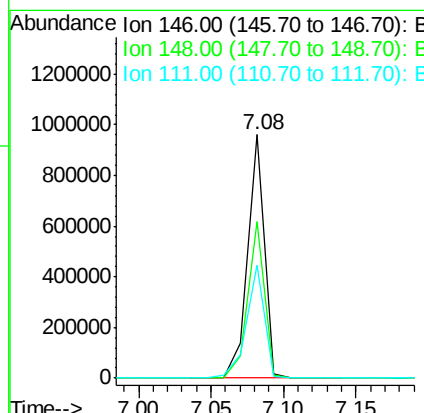
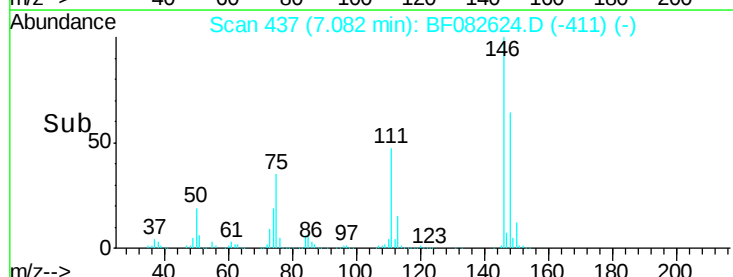
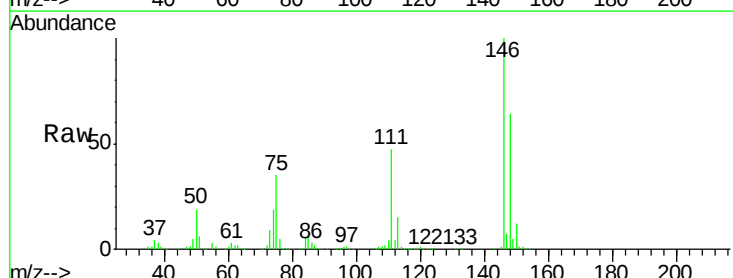
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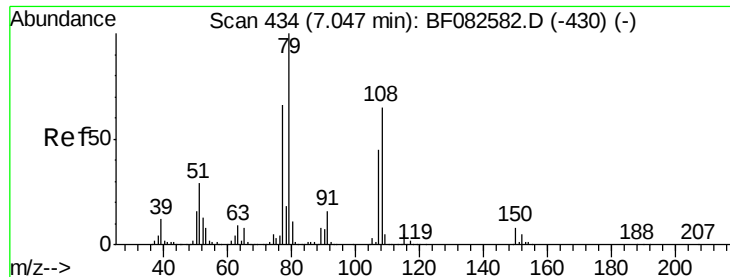
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	51.2	40.6	60.8



#14
 1,2-Dichlorobenzene
 Concen: 42.15 ng
 RT: 7.08 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
111	46.6	36.6	55.0





#15

Benzyl Alcohol

Concen: 34.28 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

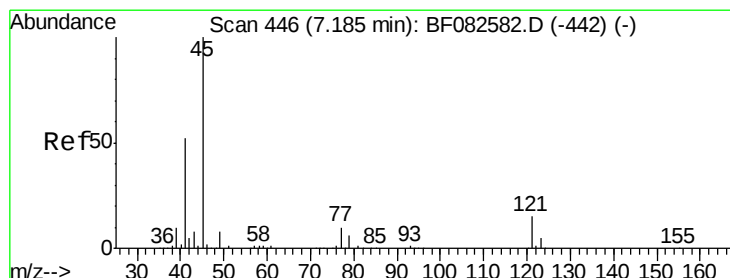
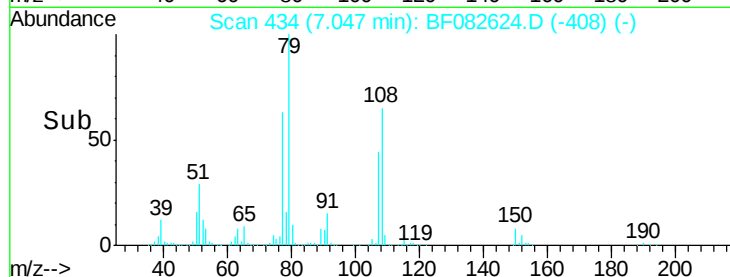
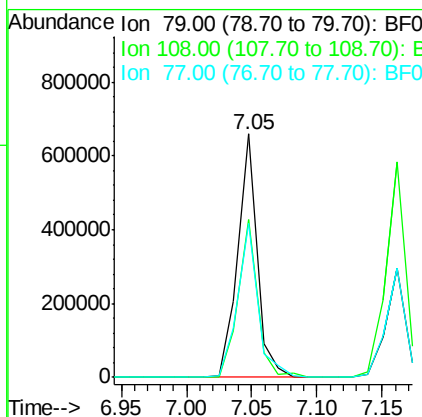
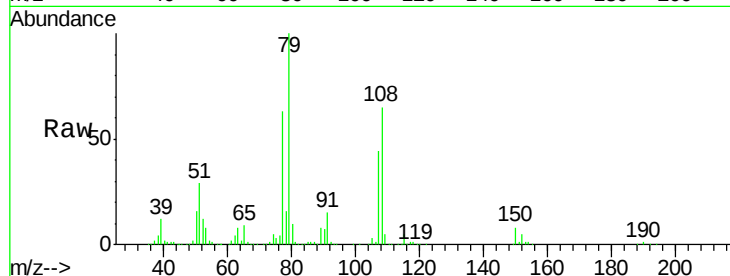
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	679909
Ion Ratio	Lower	Upper	
79	100		
108	64.9	52.2	78.4
77	63.4	52.7	79.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.44 ng

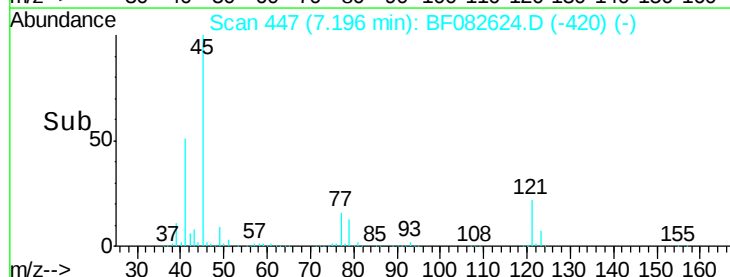
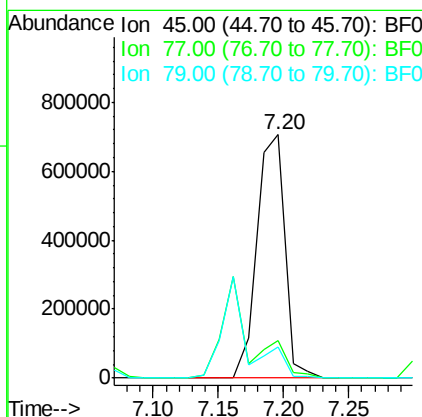
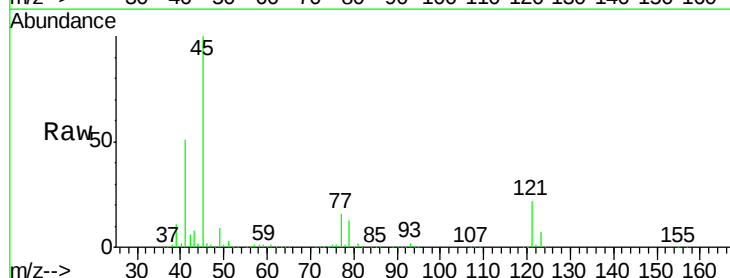
RT: 7.20 min Scan# 447

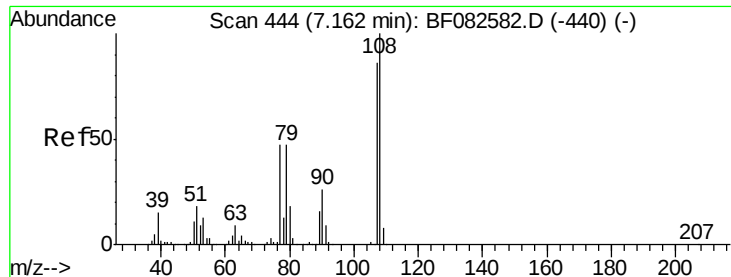
Delta R.T. 0.01 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Tgt Ion:	45	Resp:	1057947
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	32.6
79	12.5	0.0	29.2





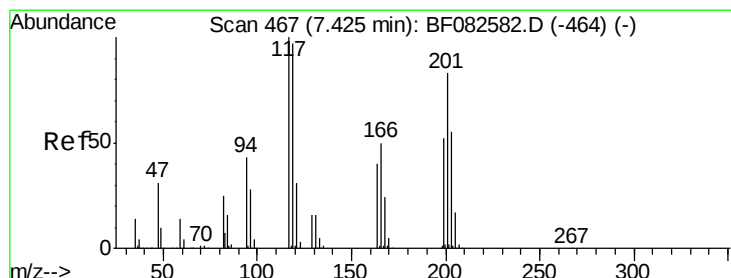
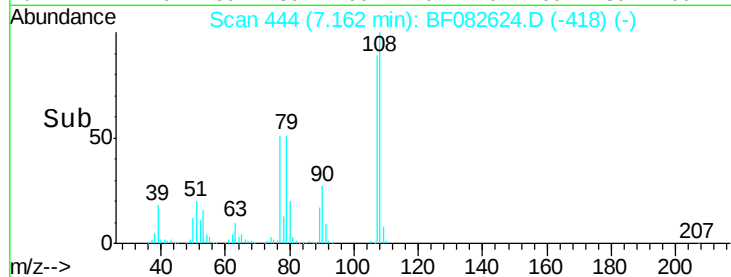
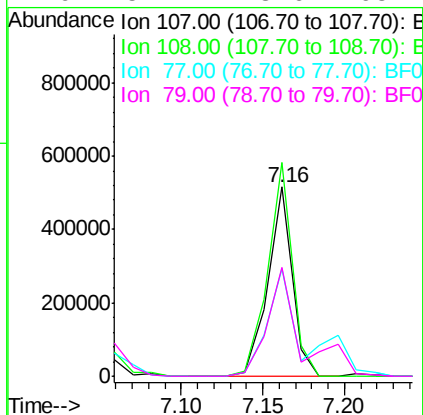
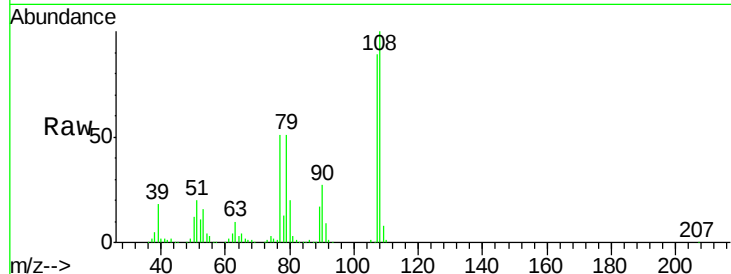
#17
2-Methylphenol
Concen: 36.68 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt	Ion	107	Resp:	540243
Ion	Ratio	Lower	Upper	
107	100			
108	112.9	93.0	139.4	
77	57.1	44.1	66.1	
79	57.2	43.6	65.4	

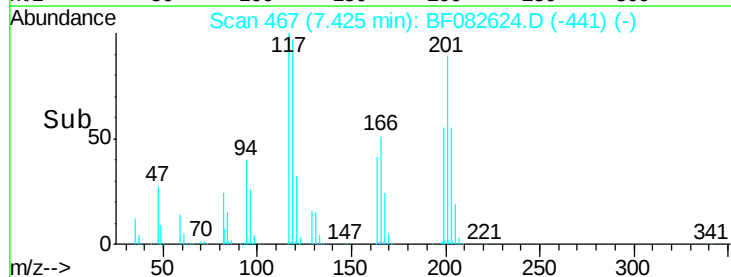
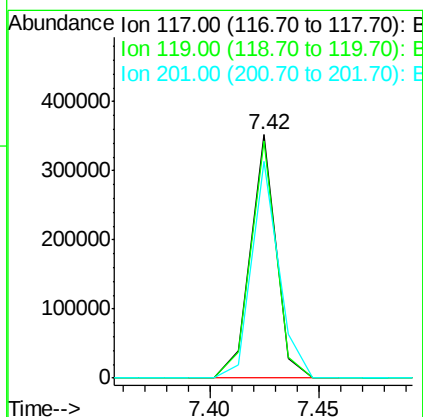
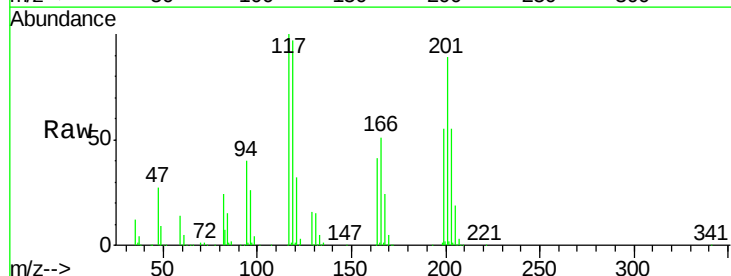
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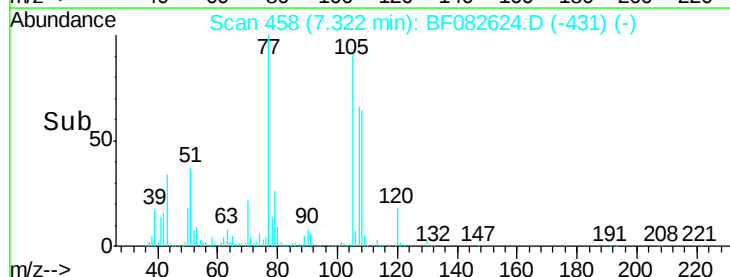
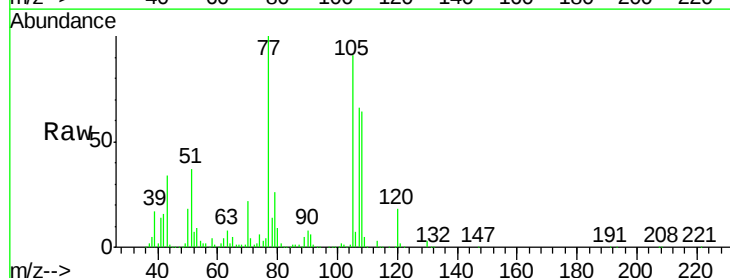
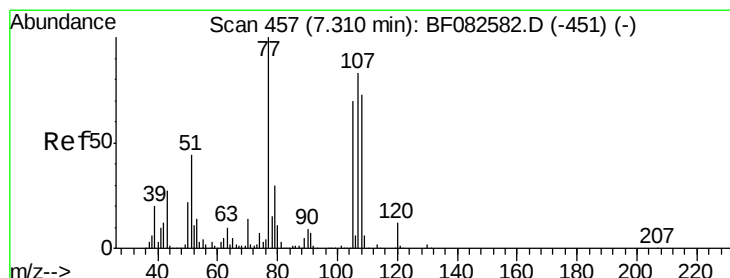
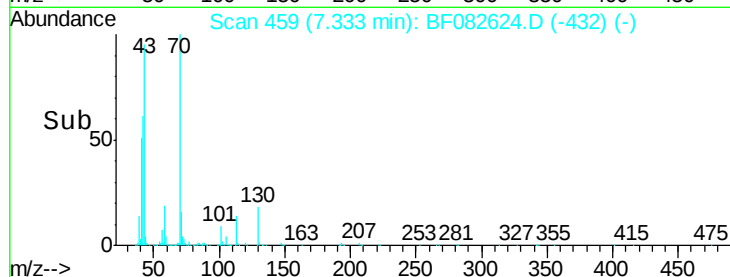
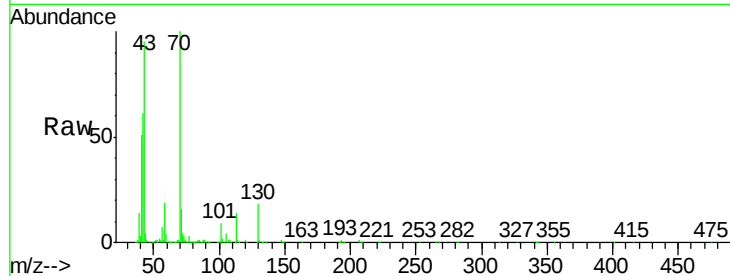
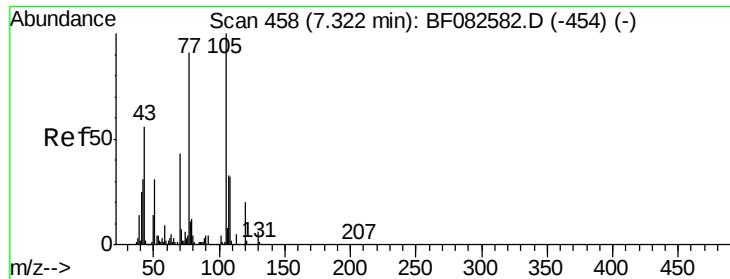
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#18
Hexachloroethane
Concen: 37.81 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt	Ion	117	Resp:	289076
Ion	Ratio	Lower	Upper	
117	100			
119	97.2	77.7	116.5	
201	89.2	66.7	100.1	





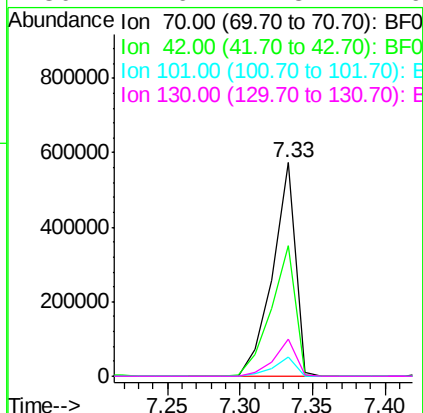
#19
n-Nitroso-di-n-propylamine
Concen: 38.99 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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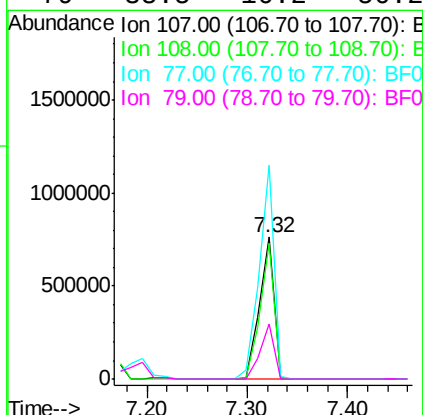
Mmdadoda
11/2/2015 4:32:38 PM

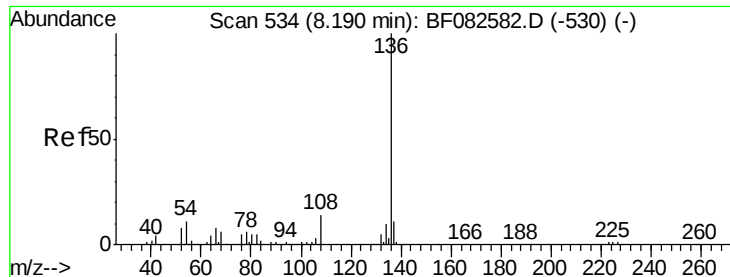
Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	61.0	57.7	86.5
101	9.1	7.0	10.6
130	17.6	11.8	17.6



#20
3+4-Methylphenols
Concen: 39.66 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	95.7	67.3	107.3
77	150.6	100.3	140.3
79	38.5	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF082624.D

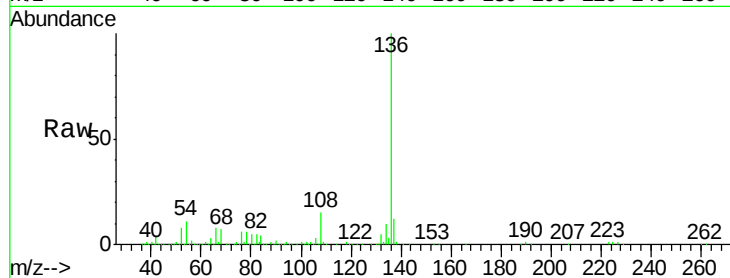
Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

ClientSampleId :

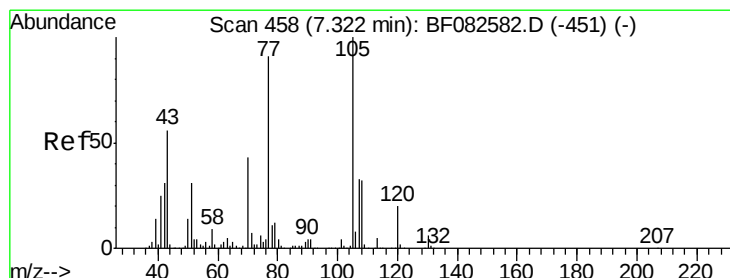
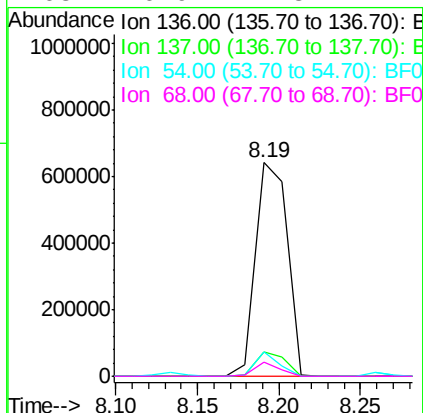
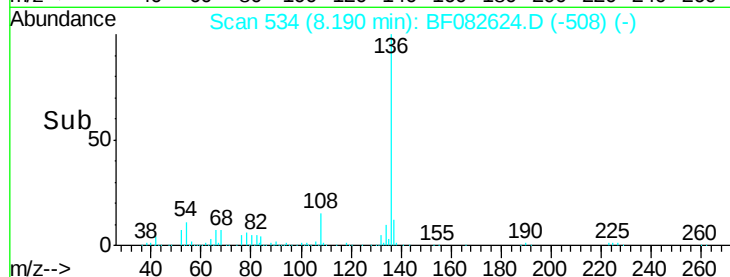
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	866550		
137	11.6	9.1	13.7	
54	11.4	9.1	13.7	
68	6.9	4.8	7.2	

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#22

Acetophenone

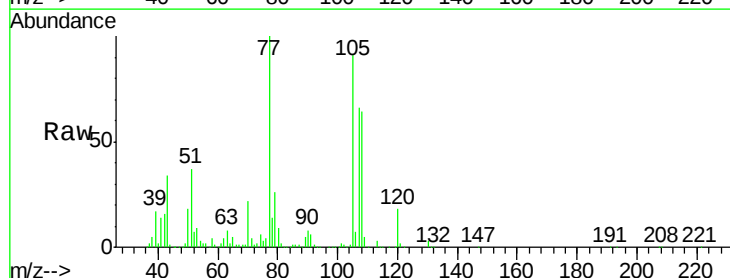
Concen: 40.05 ng

RT: 7.32 min Scan# 458

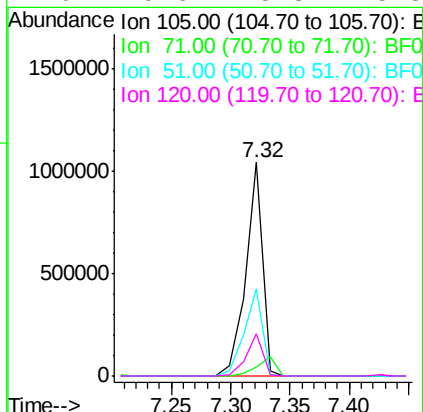
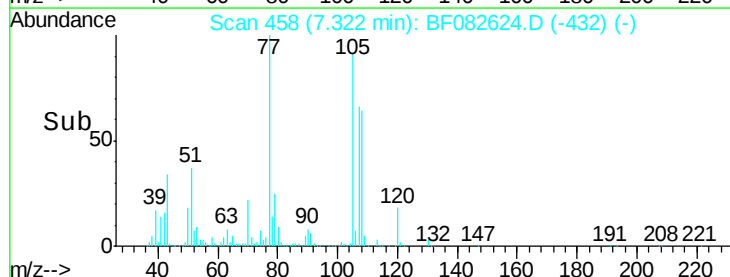
Delta R.T. 0.00 min

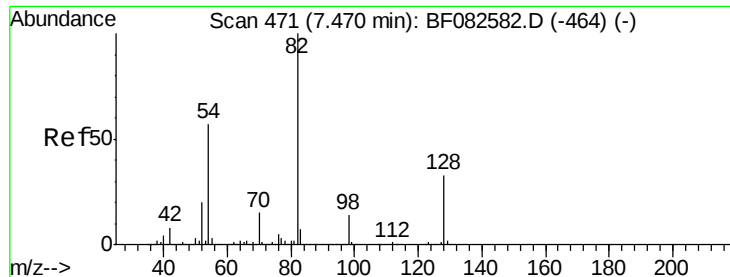
Lab File: BF082624.D

Acq: 31 Oct 2015 16:32



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1021768		
71	4.1	5.6	8.4#	
51	40.7	24.9	37.3#	
120	19.6	15.8	23.8	





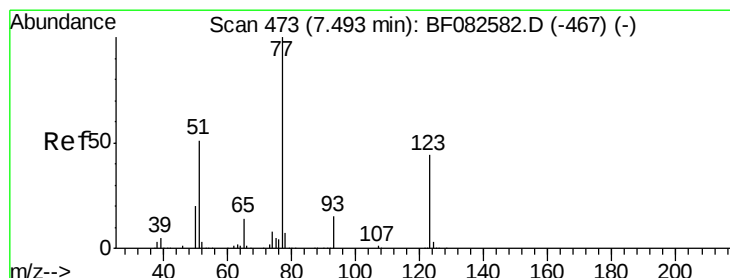
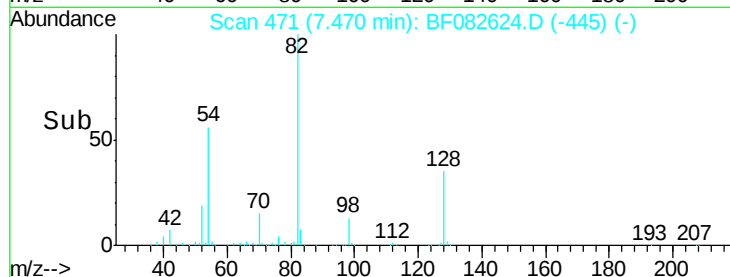
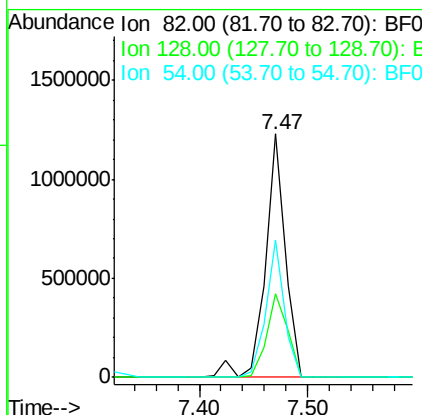
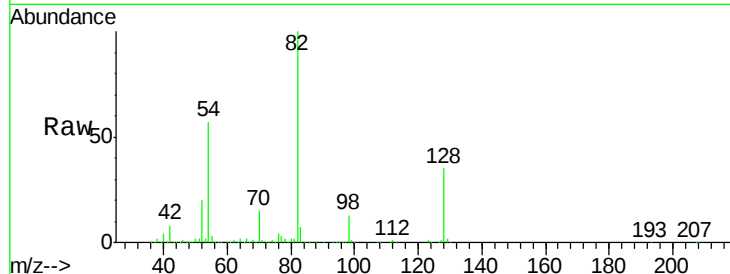
#23
Nitrobenzene-d5
Concen: 74.45 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	26.8	40.2
54	56.6	45.7	68.5

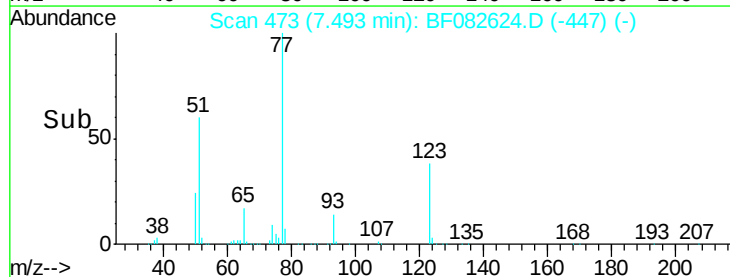
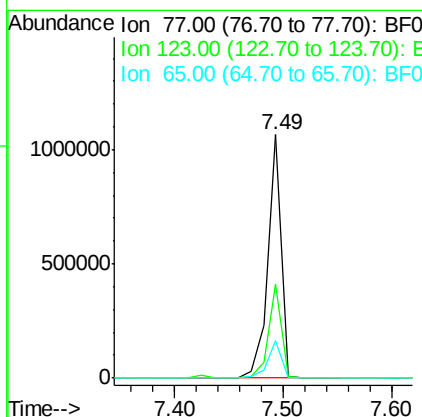
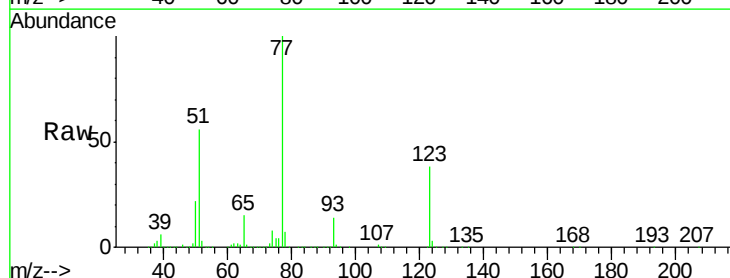
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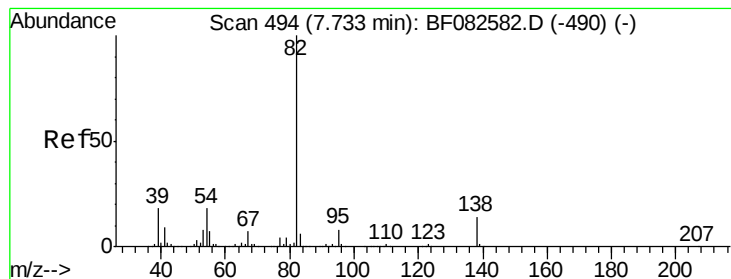
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#24
Nitrobenzene
Concen: 42.86 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.3	36.4	54.6
65	15.5	11.5	17.3





#25

Isophorone

Concen: 37.54 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082624.D

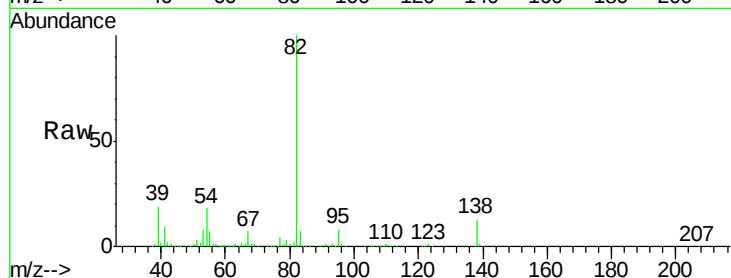
Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 82 Resp: 1465591

Ion Ratio Lower Upper

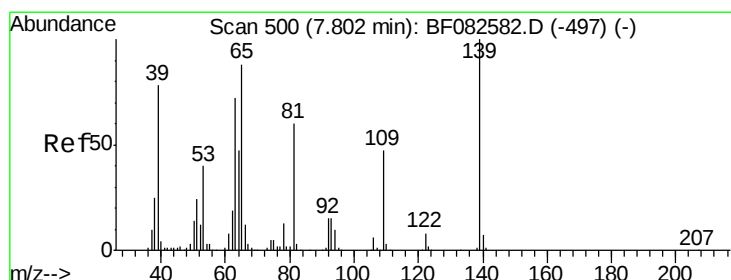
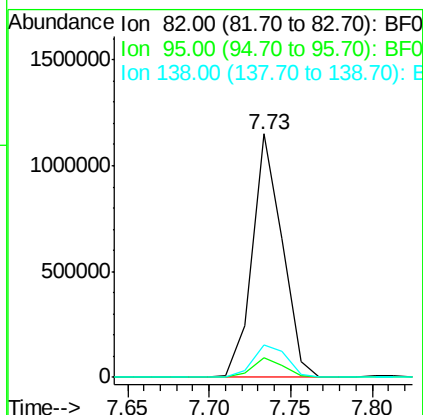
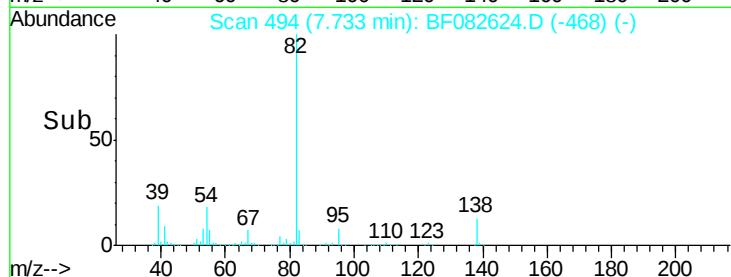
82 100

95 7.9 6.6 9.8

138 13.3 11.4 17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.23 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

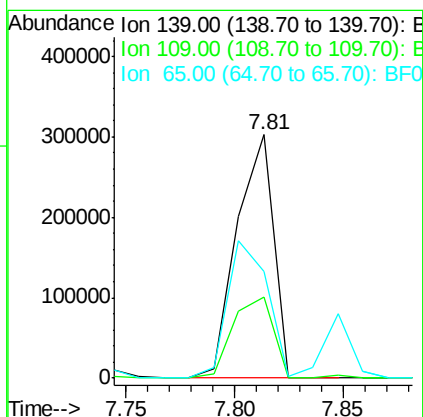
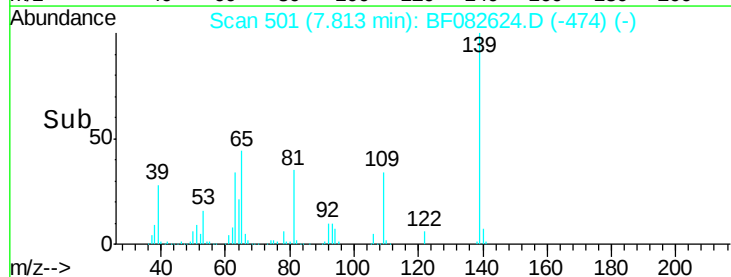
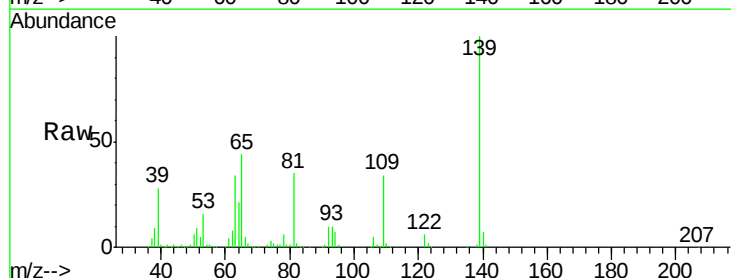
Tgt Ion: 139 Resp: 354386

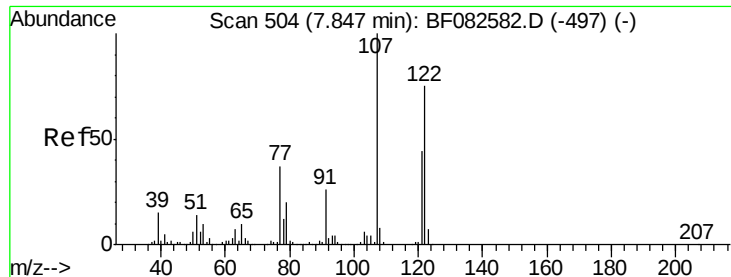
Ion Ratio Lower Upper

139 100

109 33.5 37.6 56.4#

65 43.9 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 37.10 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

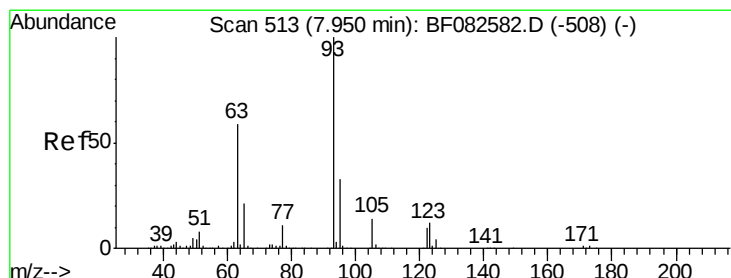
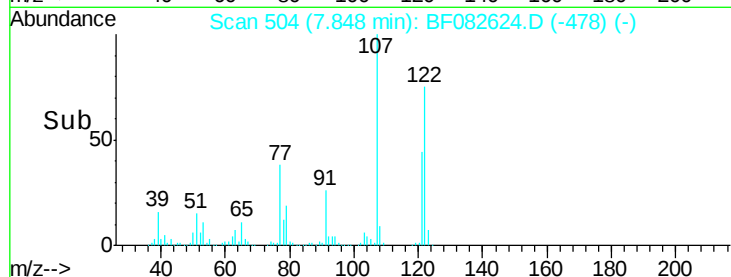
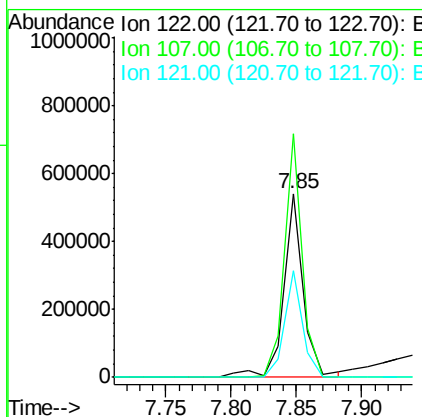
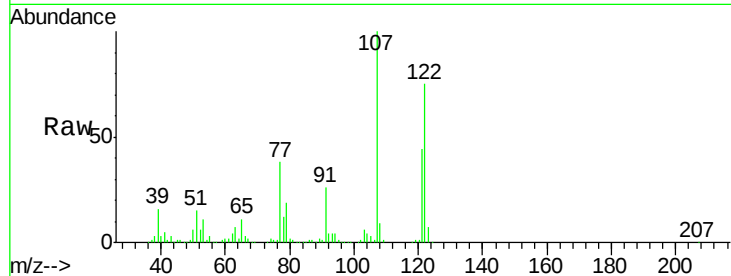
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	122	Resp:	567462
Ion Ratio	Lower	Upper	
122	100		
107	132.7	106.0	159.0
121	58.4	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 42.56 ng

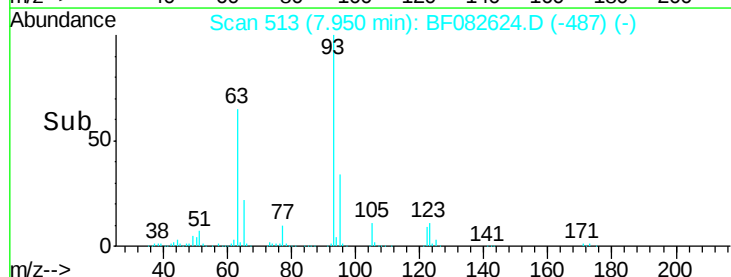
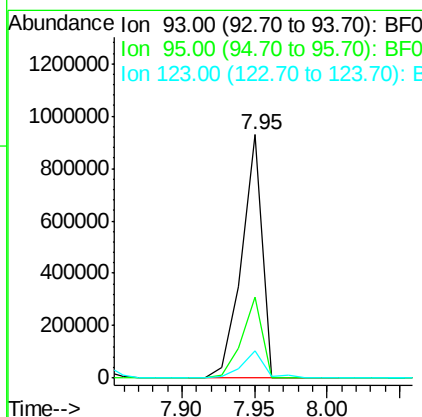
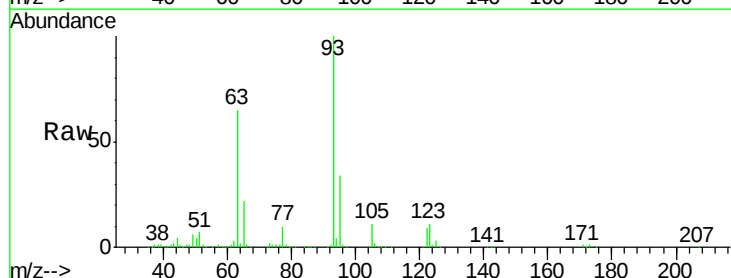
RT: 7.95 min Scan# 513

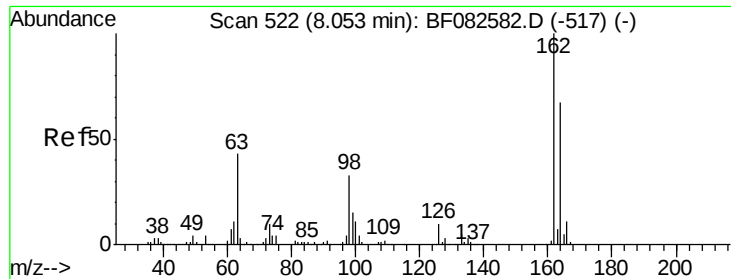
Delta R.T. 0.00 min

Lab File: BF082624.D

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Tgt Ion:	93	Resp:	908919
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.6	40.0
123	11.2	9.7	14.5





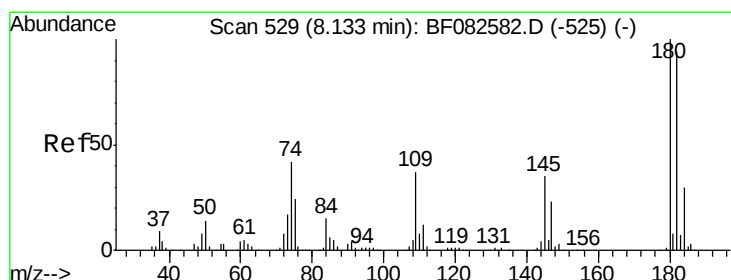
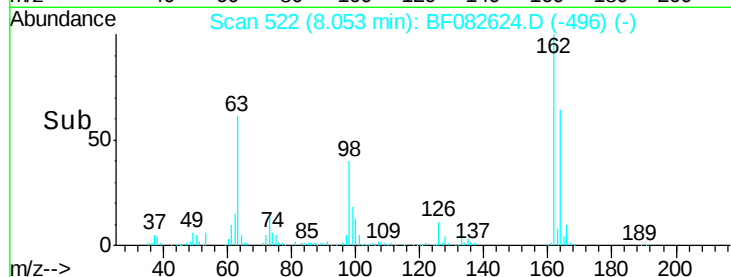
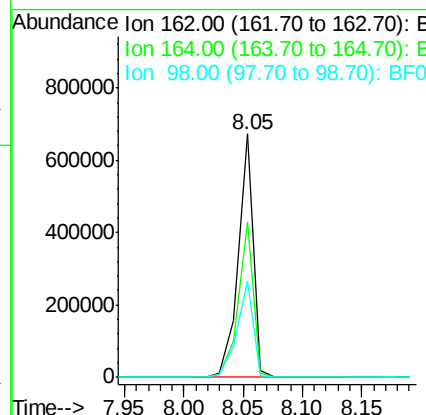
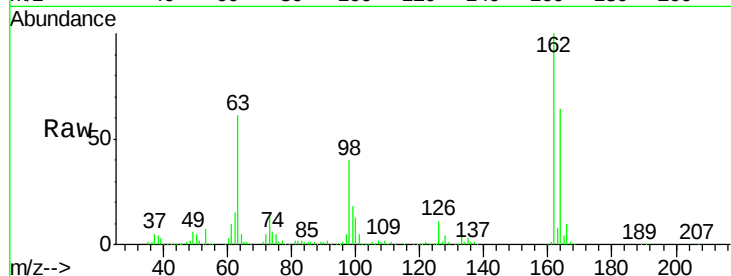
#29
2,4-Dichlorophenol
Concen: 42.46 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	591918		
164	63.9	46.8	86.8	
98	39.9	12.5	52.5	

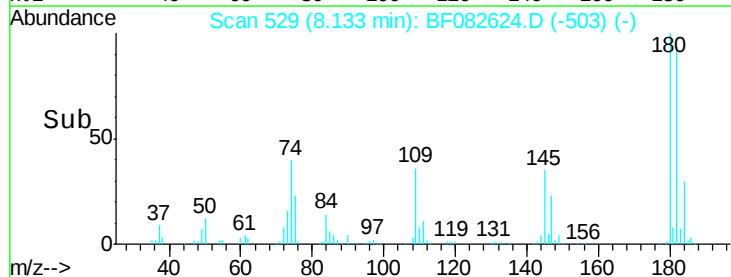
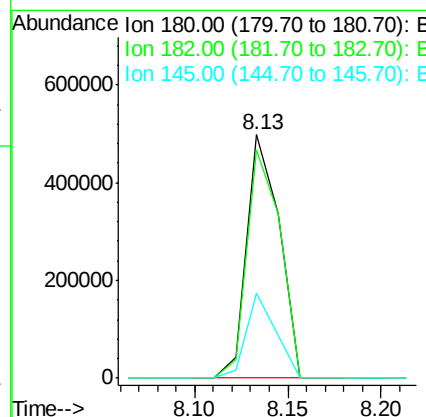
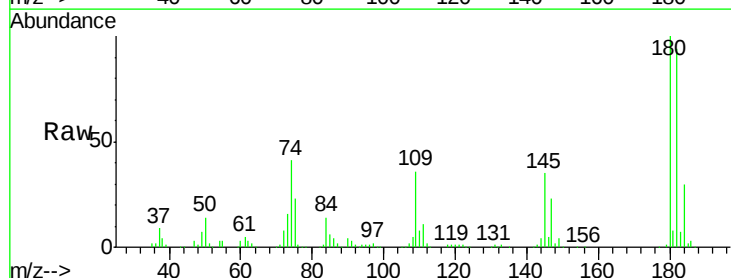
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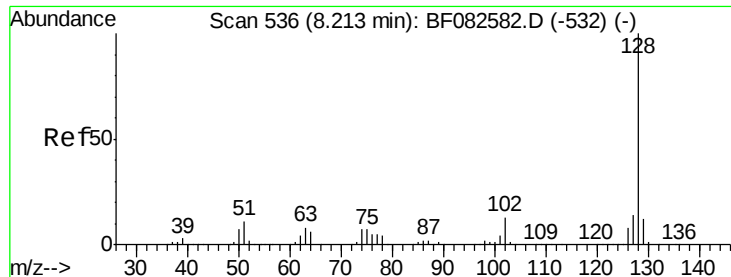
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#30
1,2,4-Trichlorobenzene
Concen: 38.90 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	601917		
182	93.8	74.9	112.3	
145	35.0	27.8	41.8	





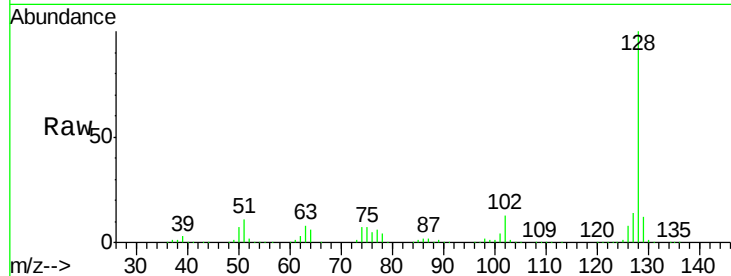
#31
Naphthalene
Concen: 36.54 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

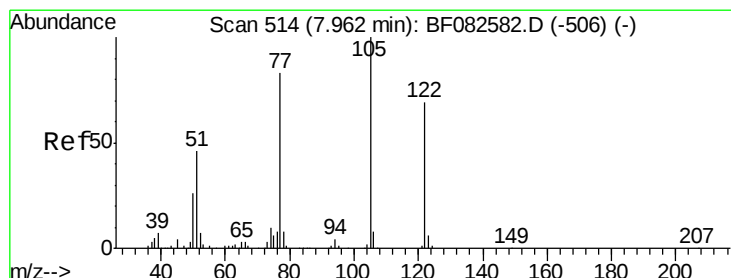
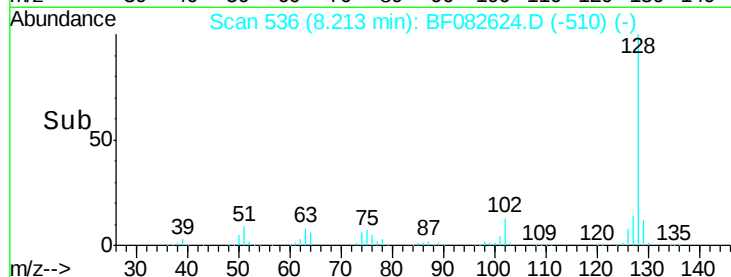
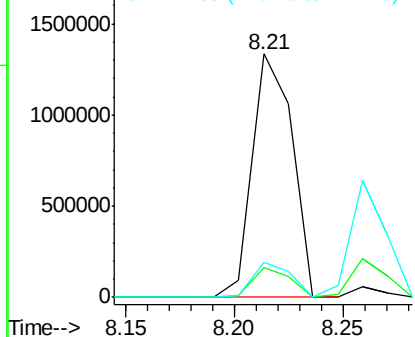
Tgt Ion:128 Resp: 1713376
Ion Ratio Lower Upper
128 100
129 12.1 9.5 14.3
127 14.1 11.4 17.0

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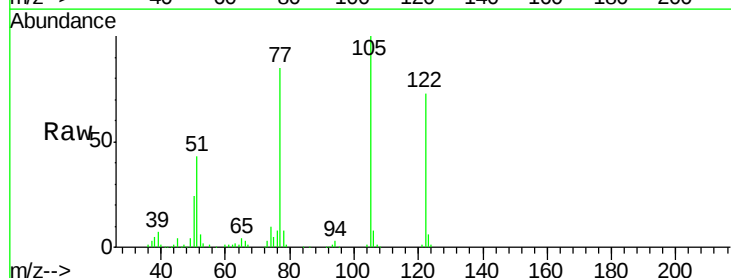


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

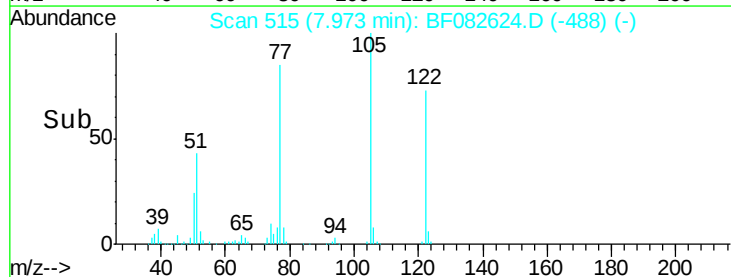
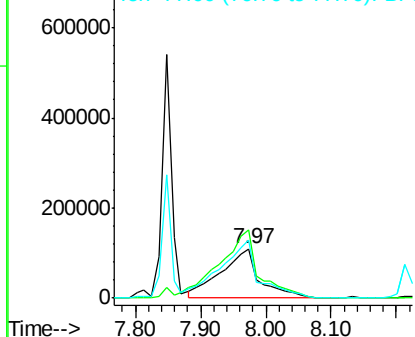


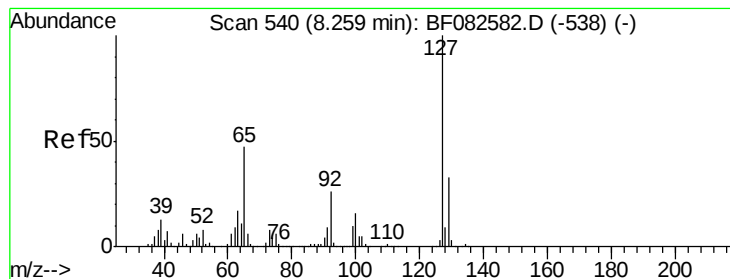
#32
Benzoic acid
Concen: 40.46 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.01 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion:122 Resp: 448993
Ion Ratio Lower Upper
122 100
105 137.9 122.6 162.6
77 116.6 100.9 140.9



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





#33

4-Chloroaniline

Concen: 35.94 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF082624.D

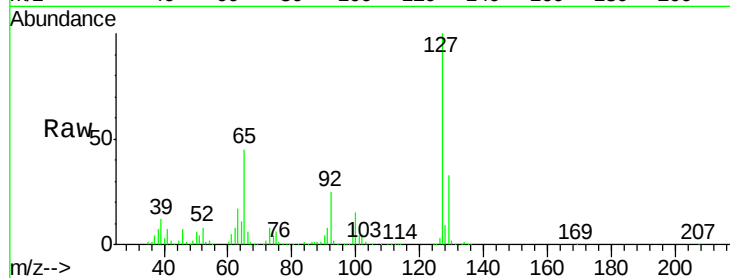
Acq: 31 Oct 2015 16:32

Instrument :

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ClientSampleId :

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Tgt Ion:127 Resp: 719555

Ion Ratio Lower Upper

127 100

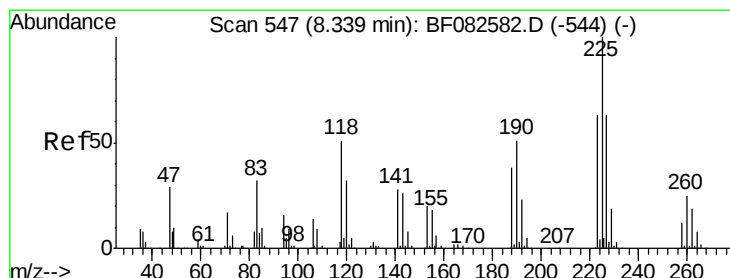
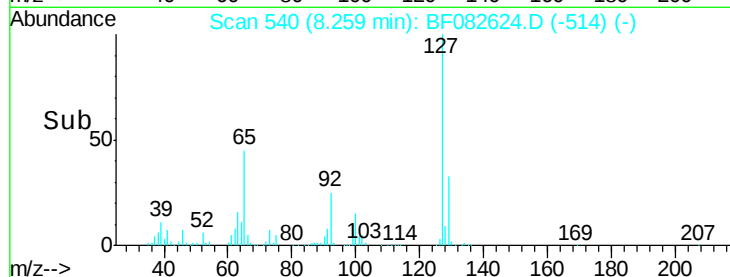
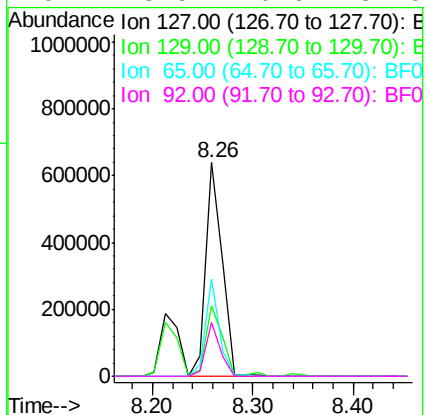
129 33.1 26.3 39.5

65 45.5 37.8 56.8

92 25.5 20.6 31.0

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#34

Hexachlorobutadiene

Concen: 38.53 ng

RT: 8.34 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

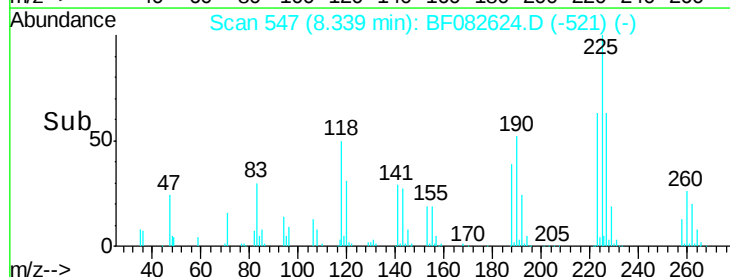
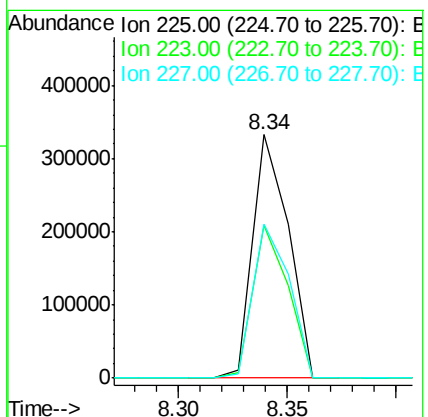
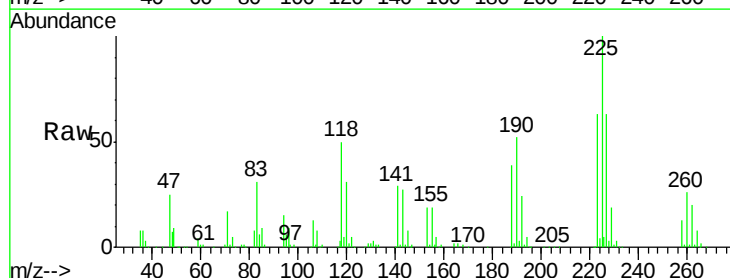
Tgt Ion:225 Resp: 379108

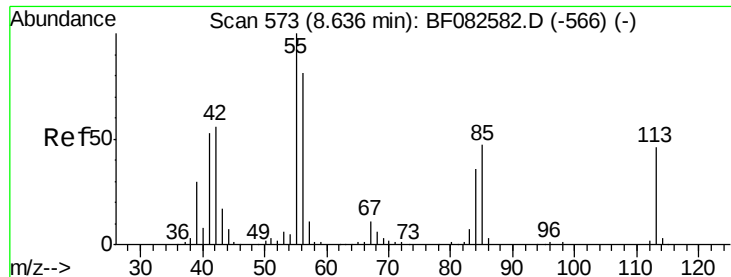
Ion Ratio Lower Upper

225 100

223 62.9 50.5 75.7

227 63.3 50.2 75.2





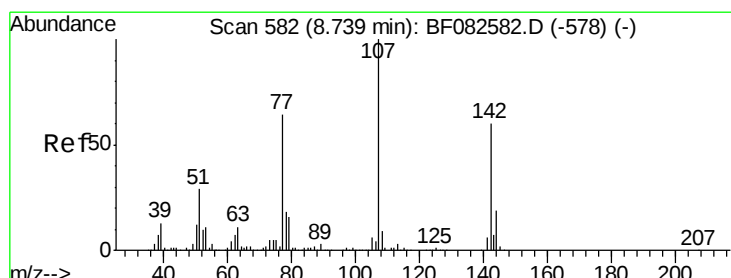
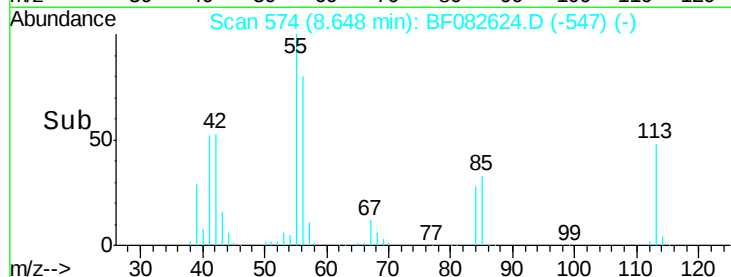
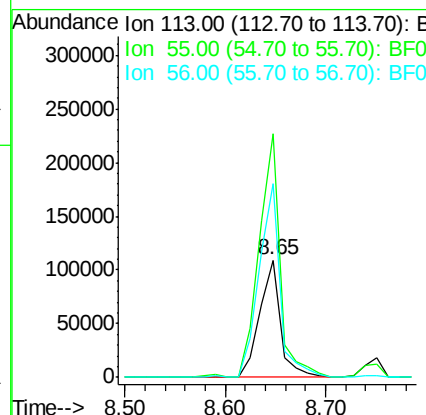
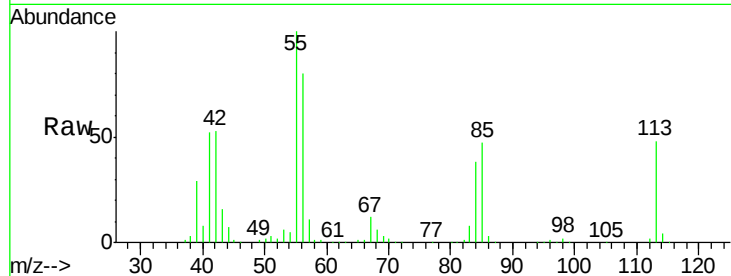
#35
 Caprolactam
 Concen: 36.86 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
113	100		
55	207.6	195.5	235.5
56	165.1	153.5	193.5

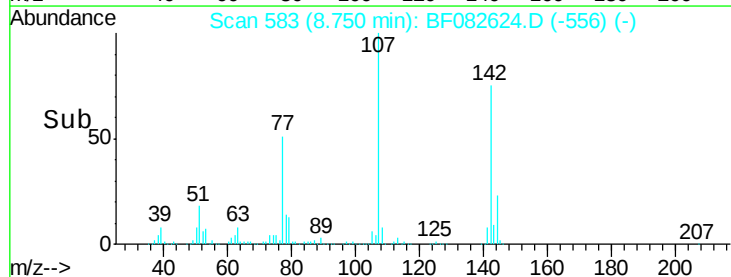
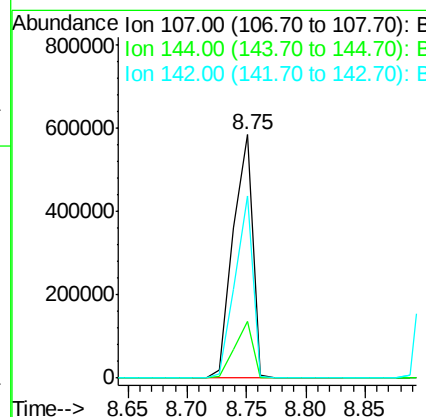
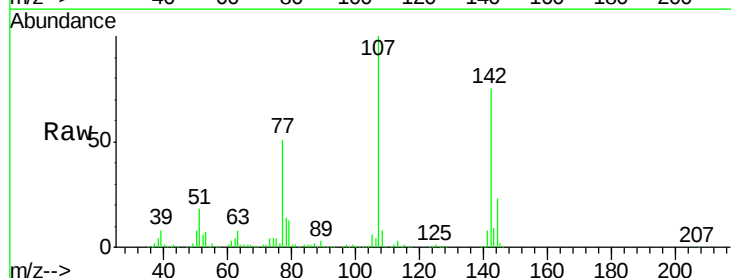
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#36
 4-Chloro-3-methylphenol
 Concen: 40.78 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	15.4	23.0#
142	75.0	47.8	71.8#





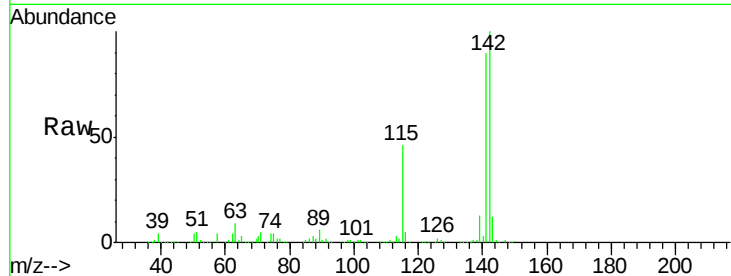
#37
2-Methylnaphthalene
Concen: 41.29 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

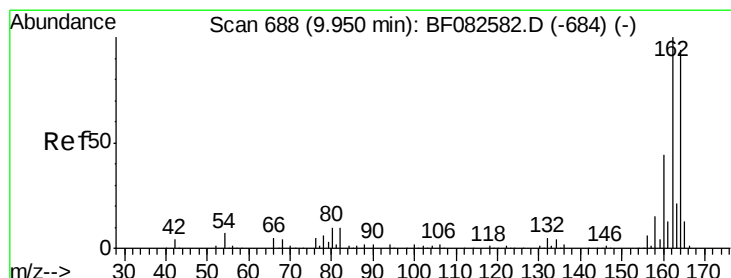
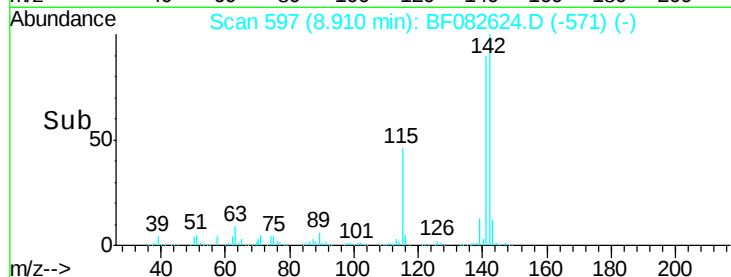
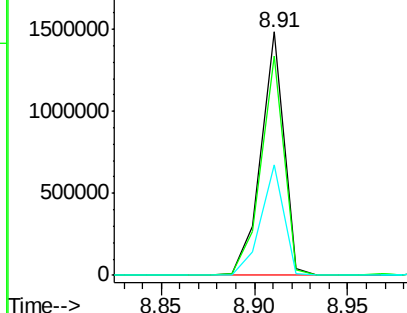
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5
115	45.5	38.1	57.1

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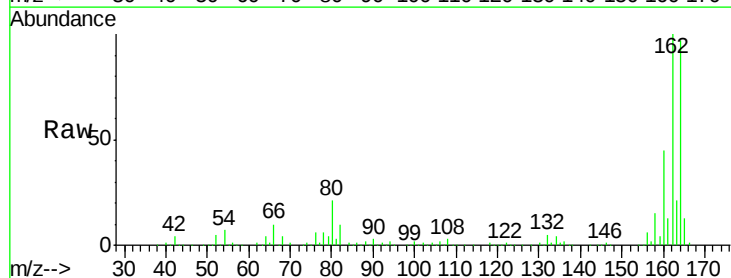


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

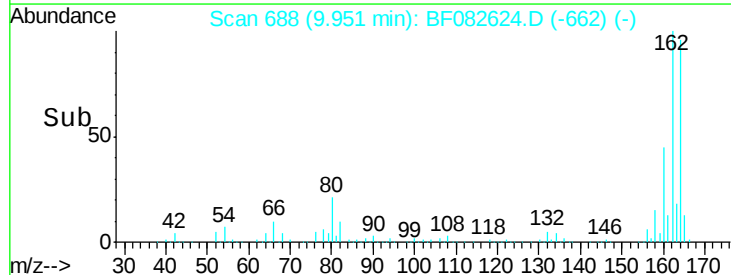
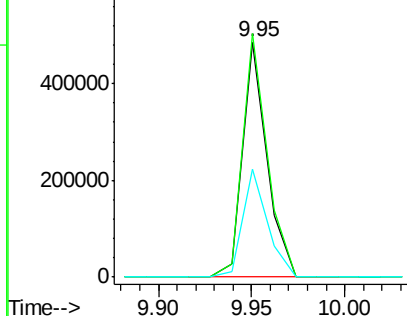


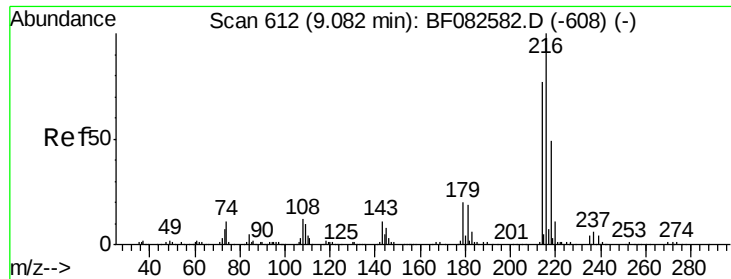
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	84.9	127.3
160	46.2	37.5	56.3



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





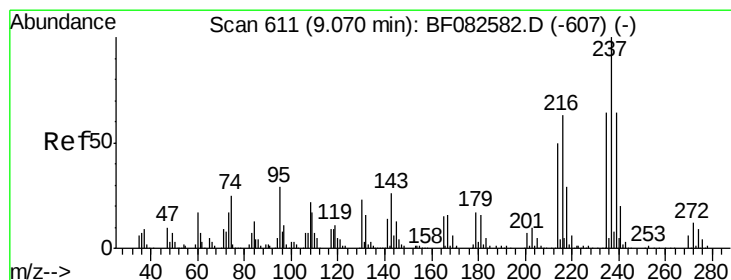
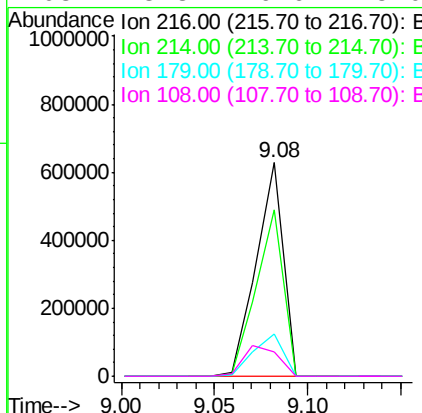
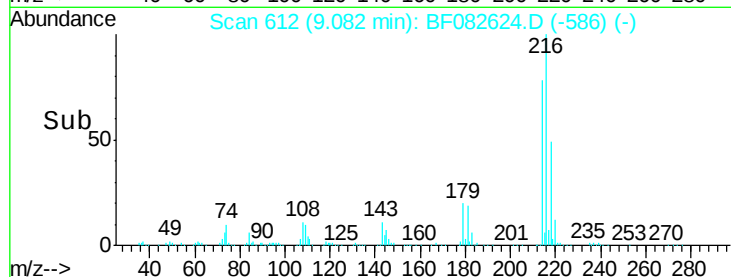
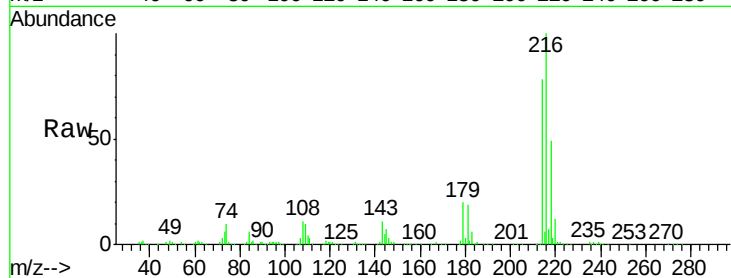
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.83 ng
RT: 9.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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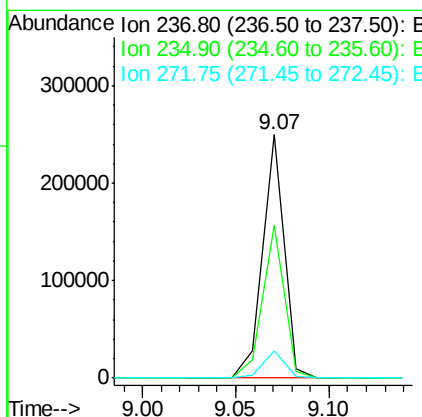
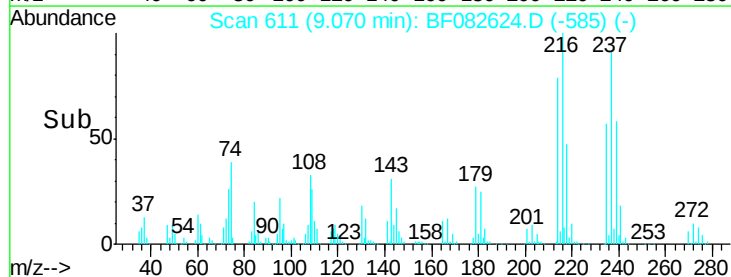
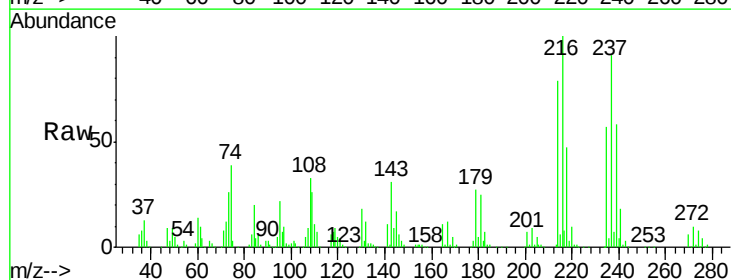
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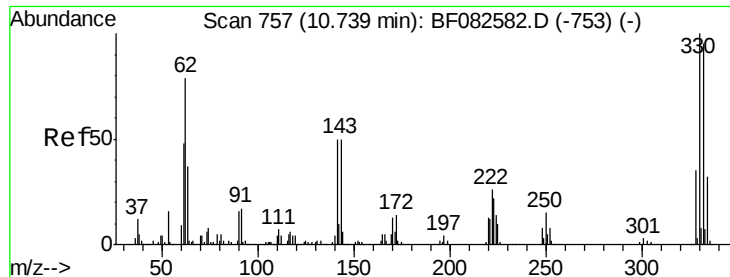
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	628305		
214	78.5	62.2	93.2	
179	22.1	18.1	27.1	
108	18.3	16.6	25.0	



#40
Hexachlorocyclopentadiene
Concen: 21.39 ng
RT: 9.07 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	197287		
235	62.9	44.3	84.3	
272	11.1	0.0	31.9	





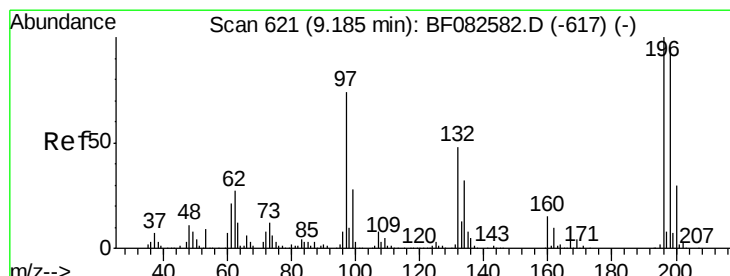
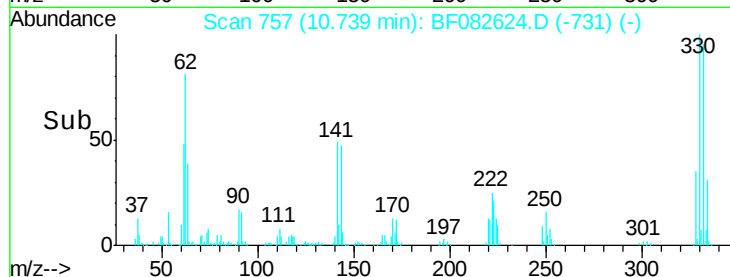
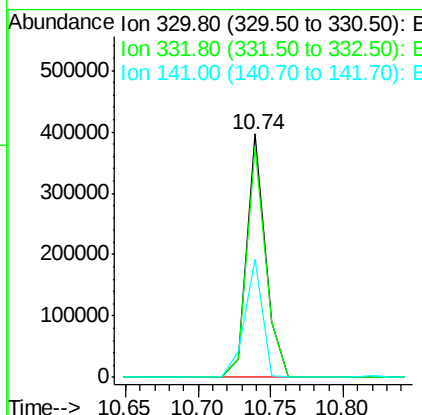
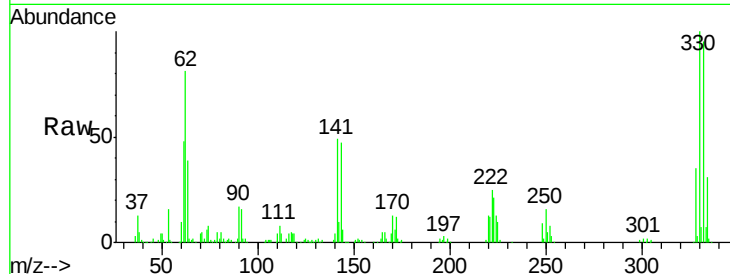
#41
 2,4,6-Tribromophenol
 Concen: 73.93 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	355669		
332	96.1	76.6	114.8	
141	46.5	41.2	61.8	

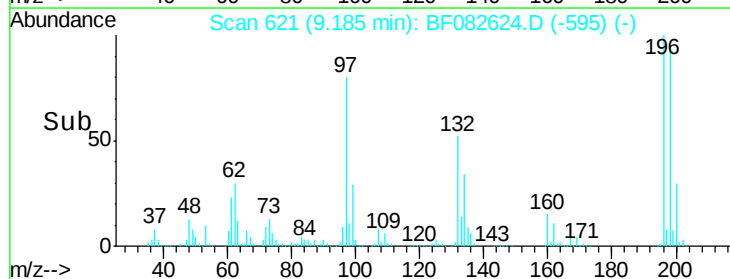
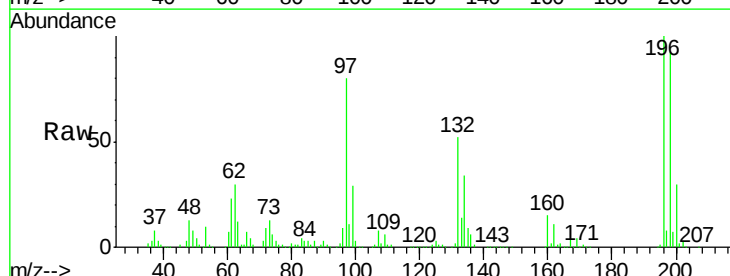
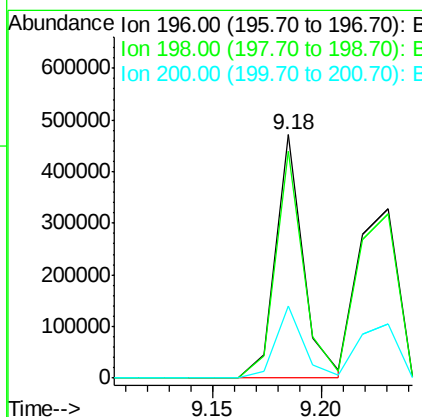
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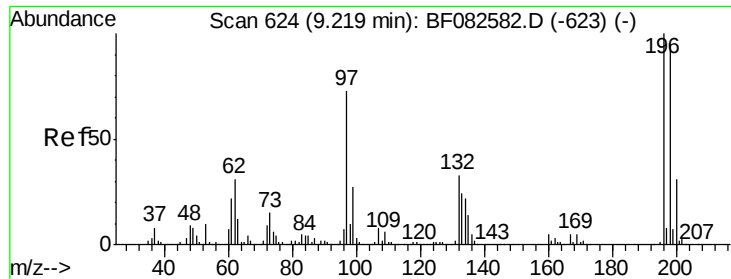
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#42
 2,4,6-Trichlorophenol
 Concen: 39.63 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	419701		
198	93.4	76.3	114.5	
200	29.8	23.9	35.9	





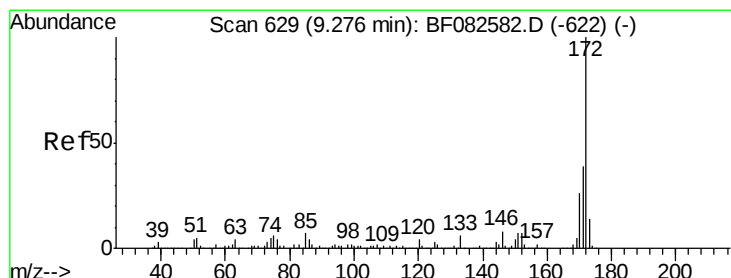
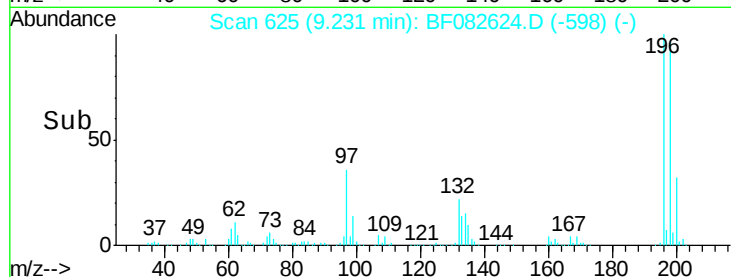
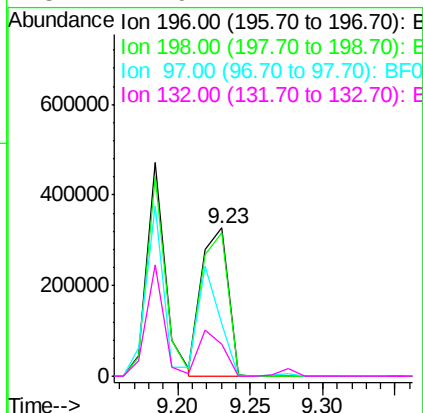
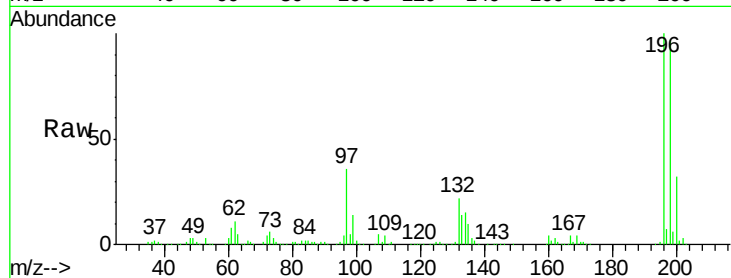
#43
 2,4,5-Trichlorophenol
 Concen: 39.81 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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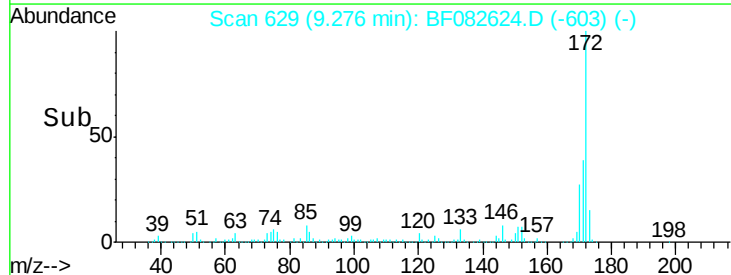
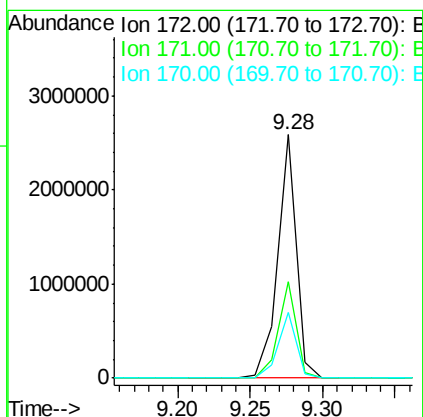
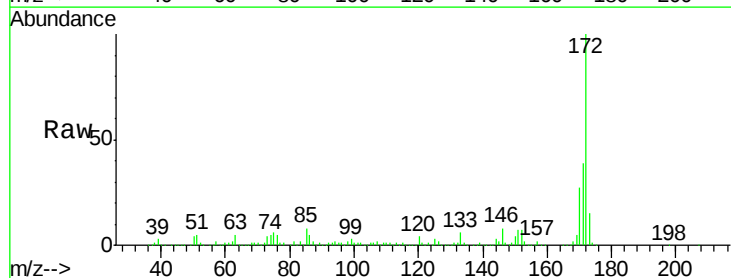
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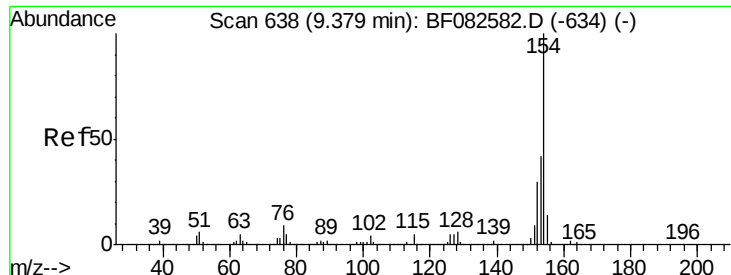
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	420126		
198	96.9	75.8	113.8	
97	35.6	62.3	93.5#	
132	21.9	27.4	41.2#	



#44
 2-Fluorobiphenyl
 Concen: 73.90 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2287921		
171	39.4	30.8	46.2	
170	27.1	21.2	31.8	





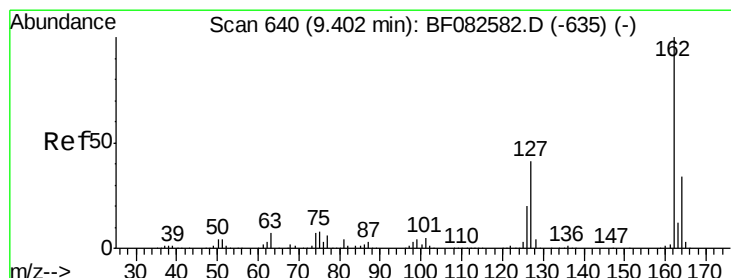
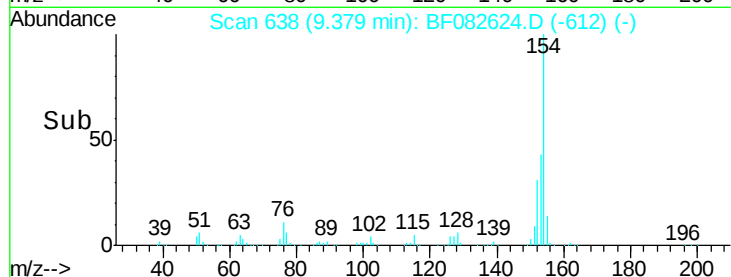
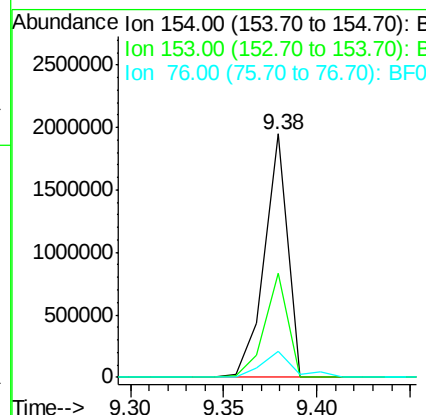
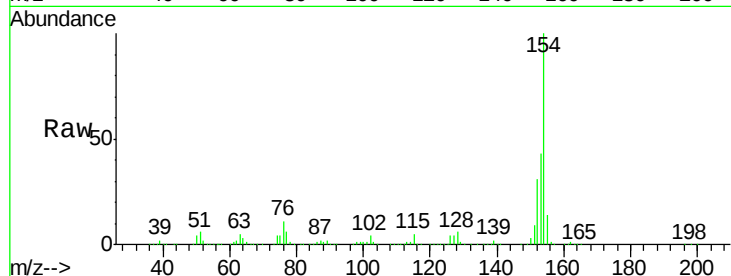
#45
 1,1'-Biphenyl
 Concen: 44.57 ng
 RT: 9.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1654970
 Ion Ratio Lower Upper
 154 100
 153 42.6 22.0 62.0
 76 10.8 0.0 29.0

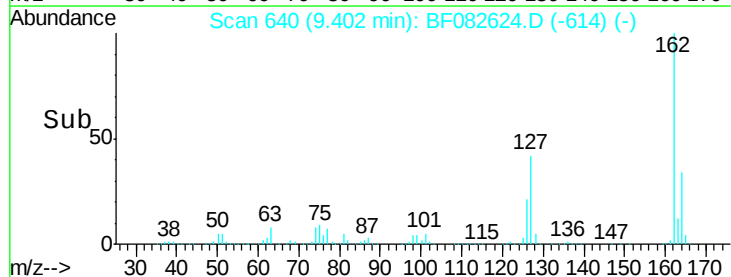
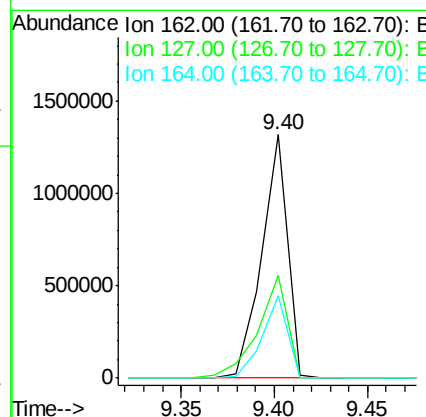
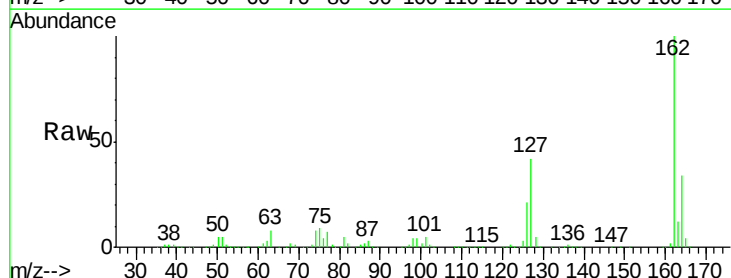
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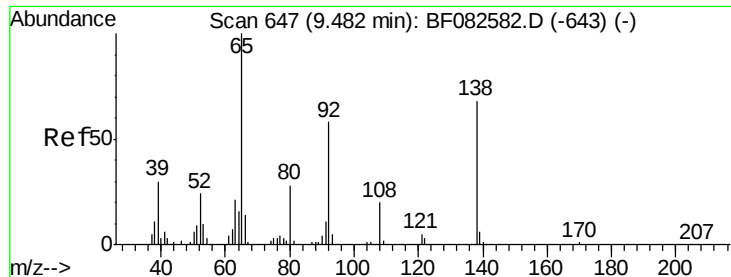
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#46
 2-Chloronaphthalene
 Concen: 43.03 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Tgt Ion:162 Resp: 1247731
 Ion Ratio Lower Upper
 162 100
 127 42.3 32.7 49.1
 164 34.0 27.4 41.0





#47

2-Nitroaniline

Concen: 39.91 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF082624.D

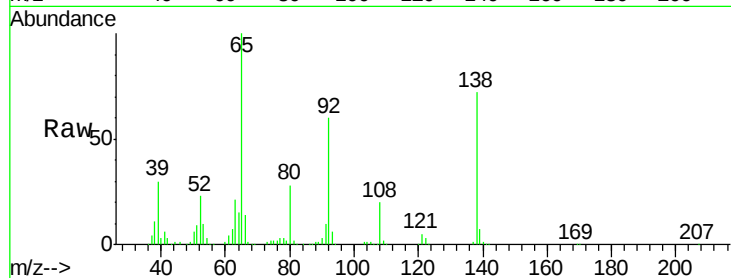
Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 65 Resp: 449811

Ion Ratio Lower Upper

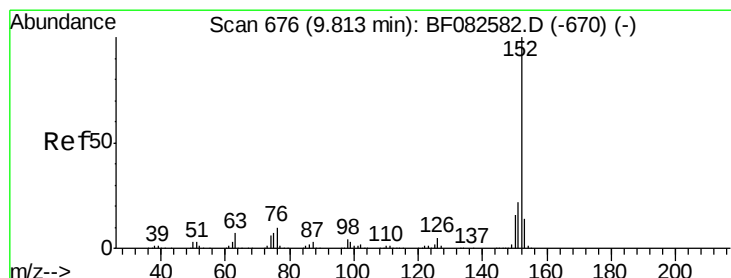
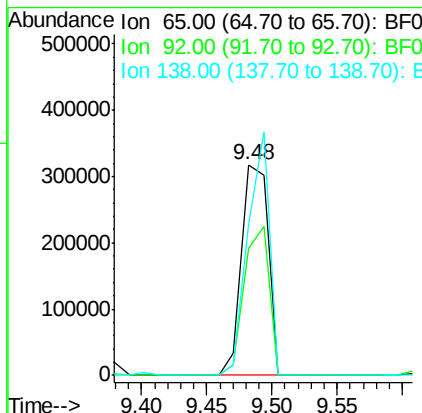
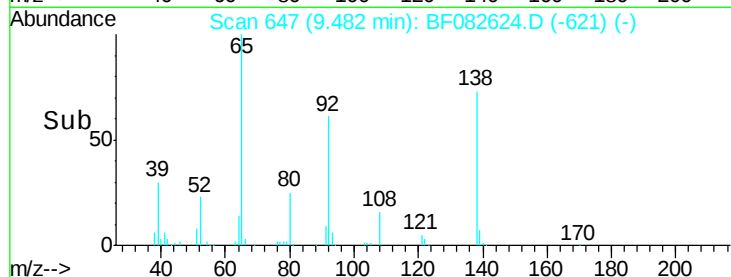
65 100

92 60.3 46.6 70.0

138 71.8 54.6 81.8

Manual Integrations
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#48

Acenaphthylene

Concen: 37.18 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

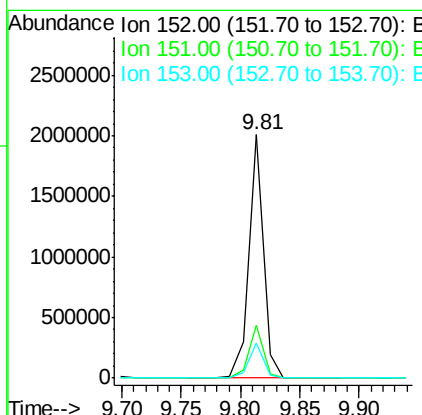
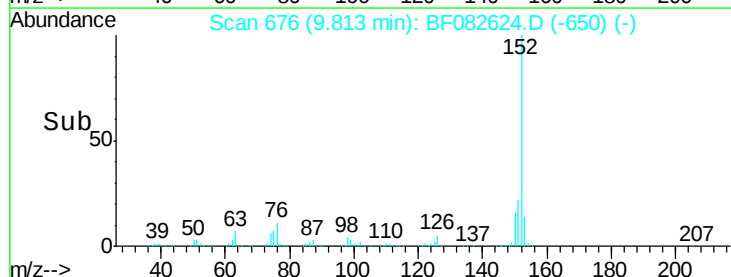
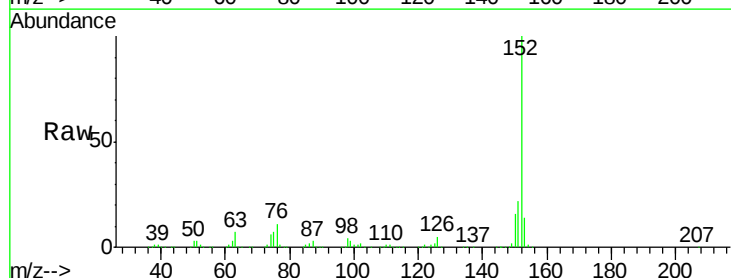
Tgt Ion: 152 Resp: 1724433

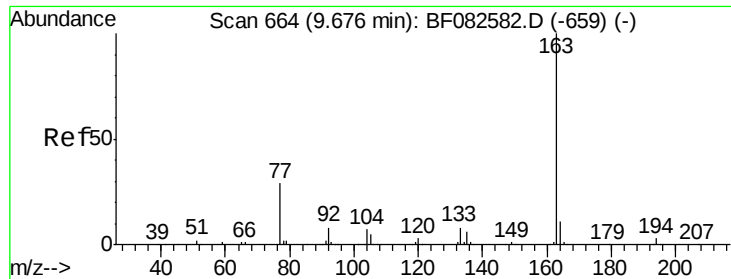
Ion Ratio Lower Upper

152 100

151 21.9 17.3 25.9

153 14.5 11.3 16.9





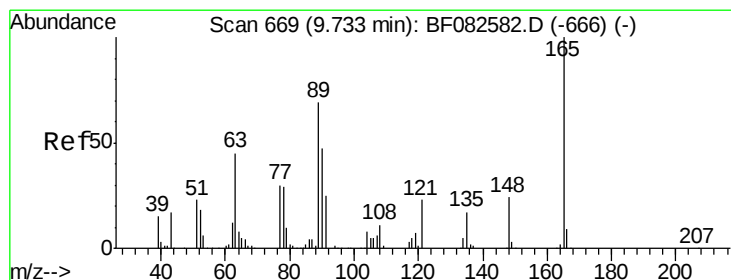
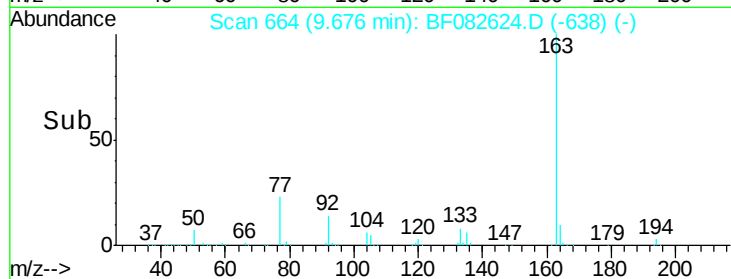
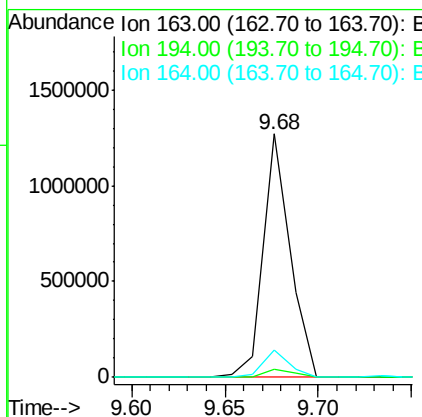
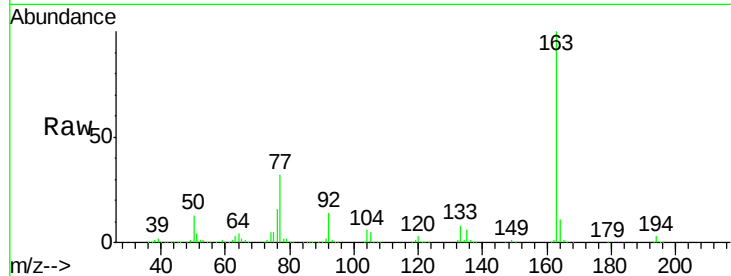
#49
Dimethylphthalate
Concen: 35.20 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 1263762
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 11.0 8.7 13.1

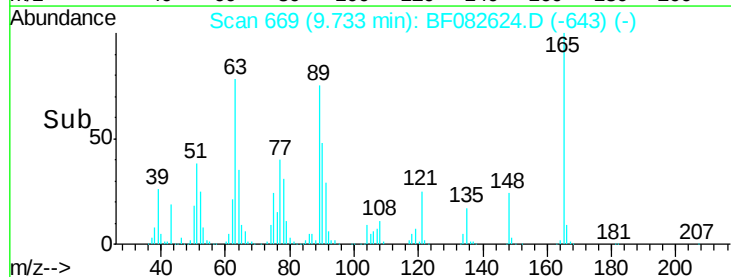
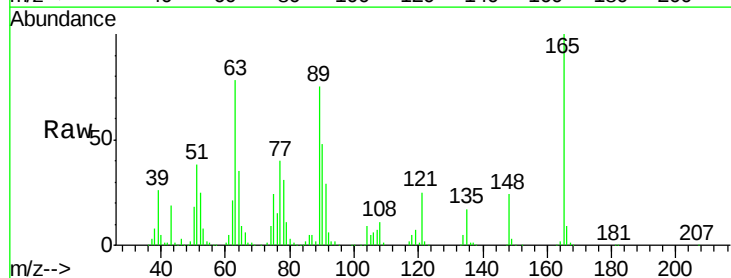
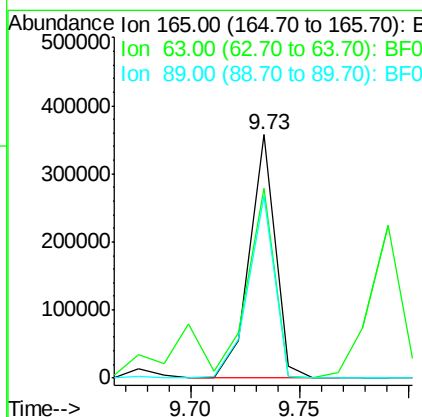
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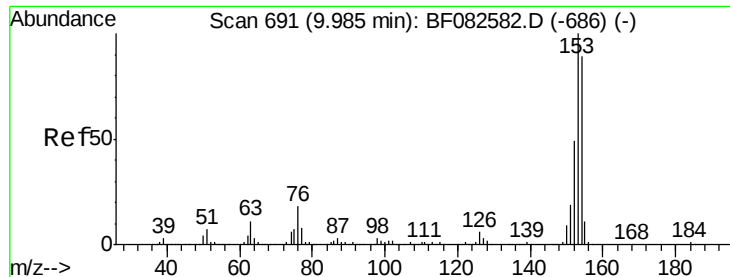
Mmdadoda
11/2/2015 4:32:38 PM



#50
2,6-Dinitrotoluene
Concen: 39.74 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion:165 Resp: 295742
Ion Ratio Lower Upper
165 100
63 77.7 55.5 83.3
89 74.8 55.0 82.6





#51

Acenaphthene

Concen: 35.33 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:154 Resp: 1040213

Ion Ratio Lower Upper

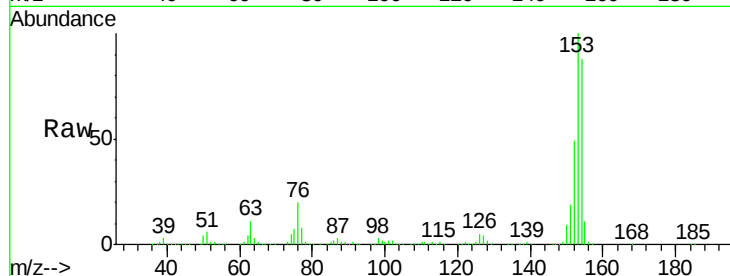
154 100

153 113.5 90.1 135.1

152 55.3 44.3 66.5

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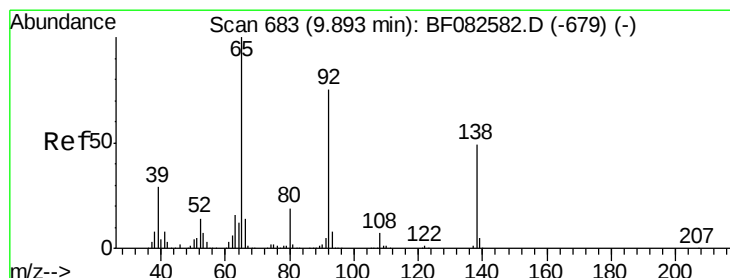
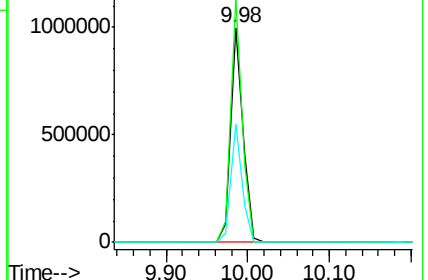
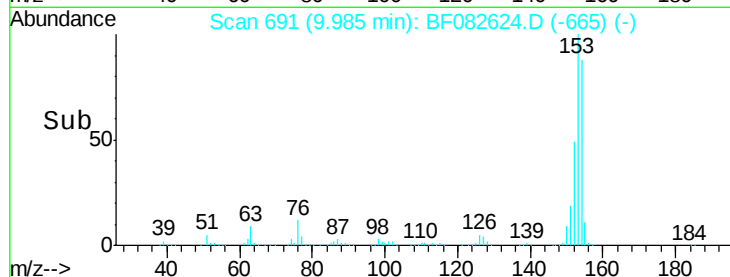
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.45 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

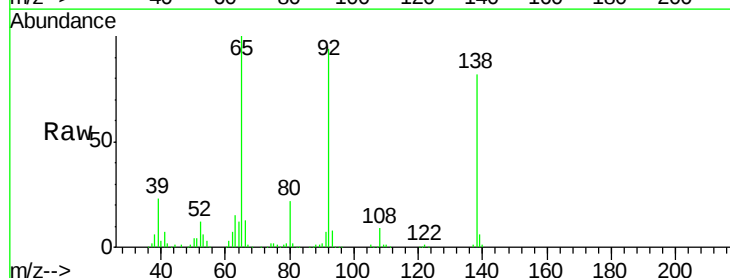
Tgt Ion:138 Resp: 376297

Ion Ratio Lower Upper

138 100

108 10.8 11.3 16.9#

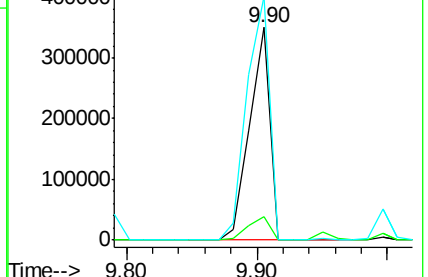
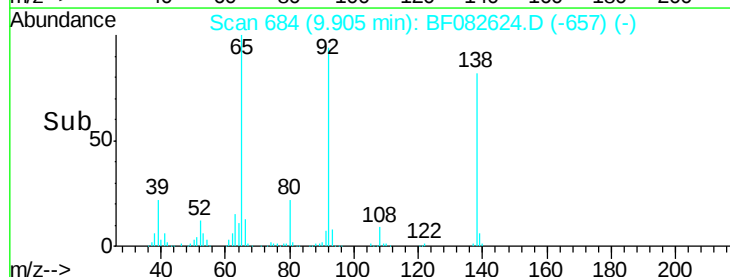
92 114.6 122.4 183.6#

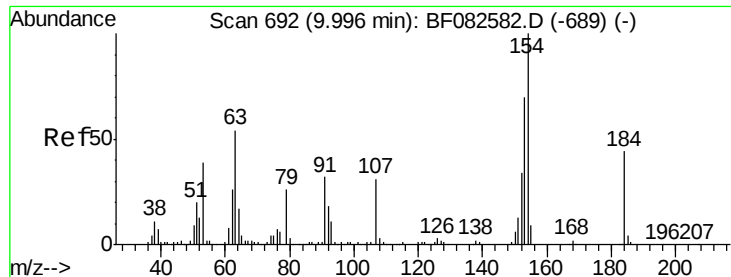


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





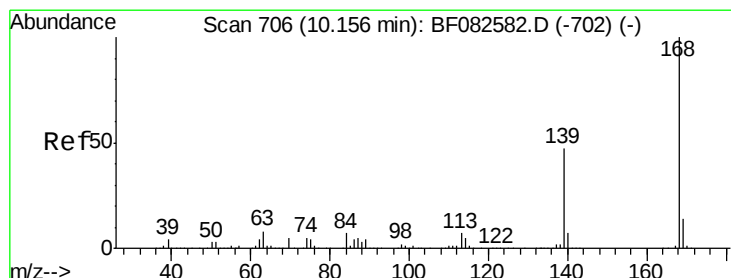
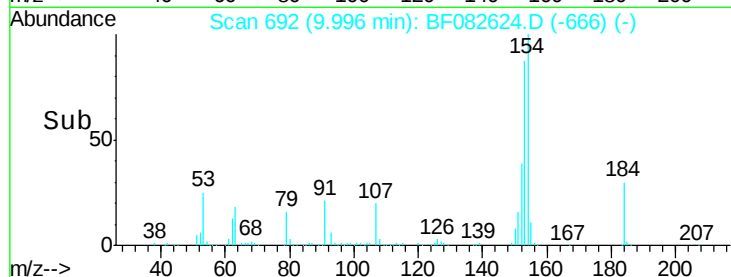
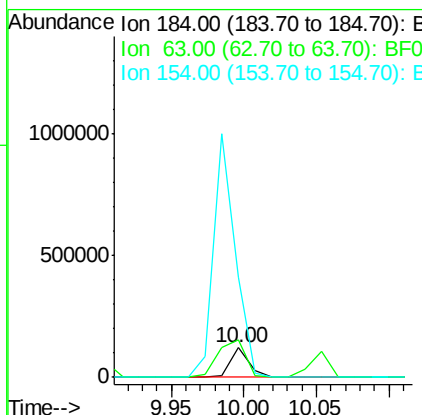
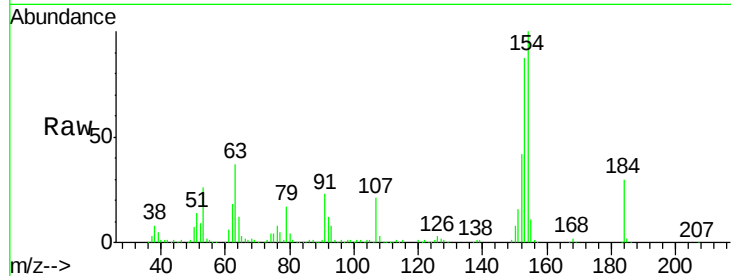
#53
2,4-Dinitrophenol
Concen: 31.72 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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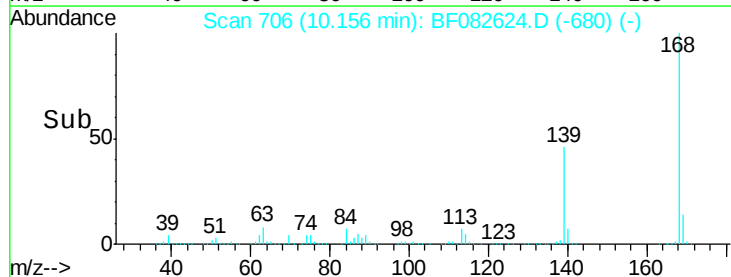
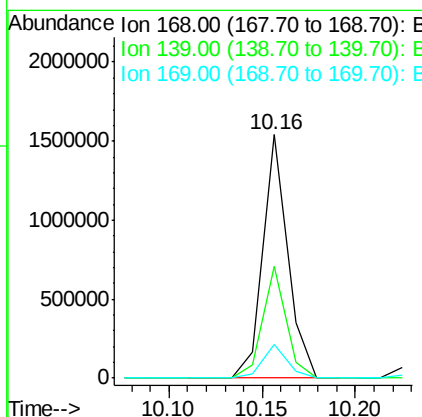
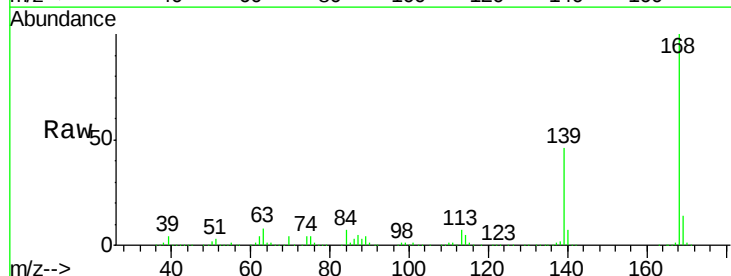
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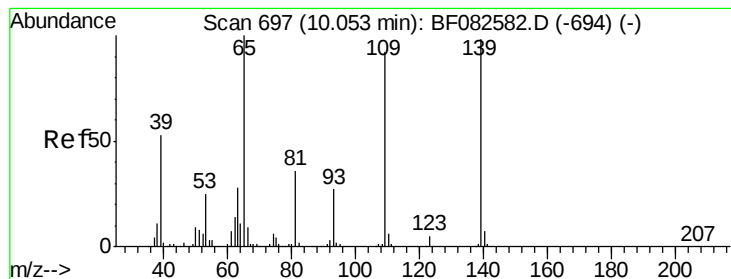
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	108282		
63	126.1	98.6	148.0	
154	337.2	183.9	275.9#	



#54
Dibenzofuran
Concen: 35.38 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1413439		
139	45.7	37.8	56.6	
169	13.9	11.3	16.9	





#55

4-Nitrophenol

Concen: 37.59 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

ClientSampleId :

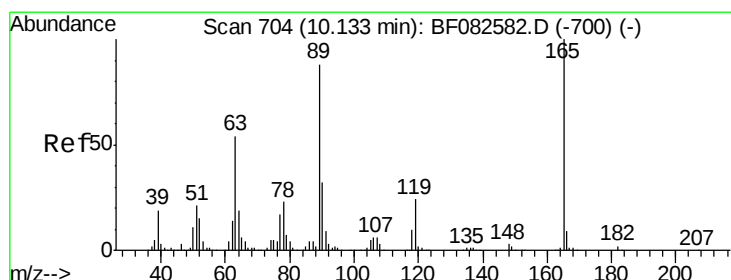
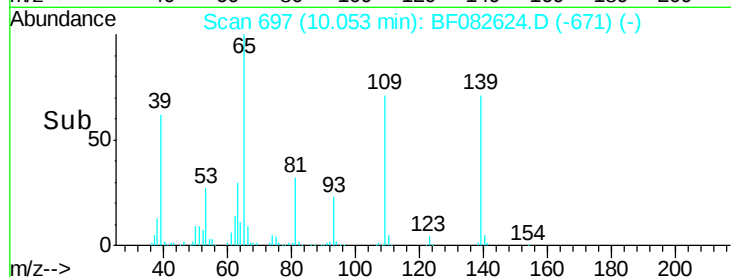
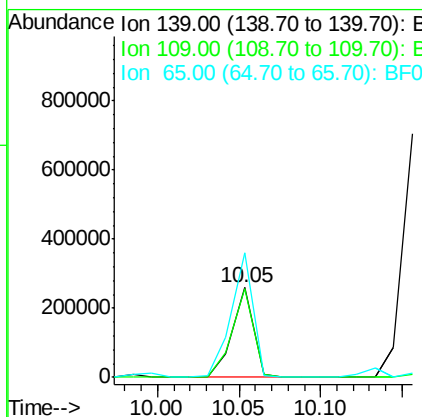
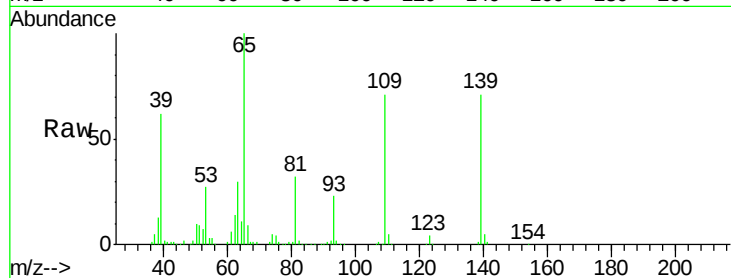
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	99.6	73.7	113.7	
65	139.9	82.9	122.9#	



#56

2,4-Dinitrotoluene

Concen: 38.33 ng

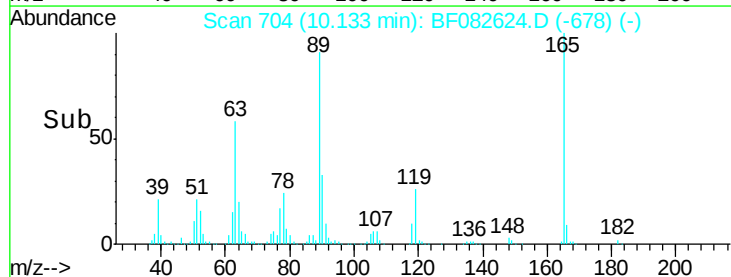
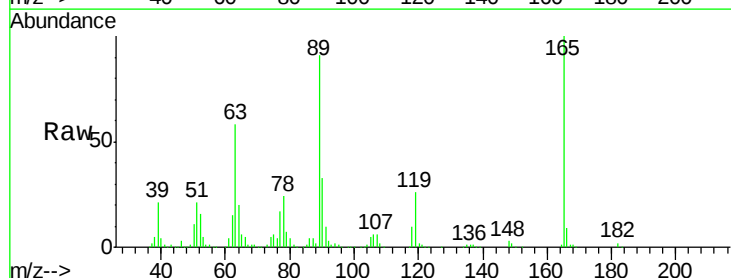
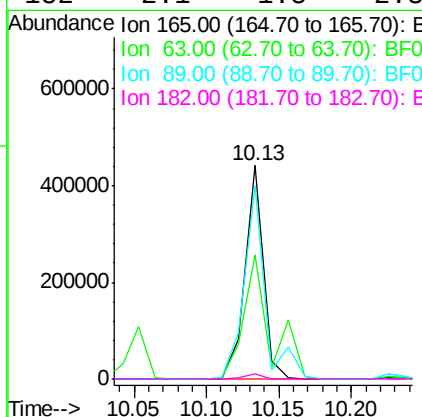
RT: 10.13 min Scan# 704

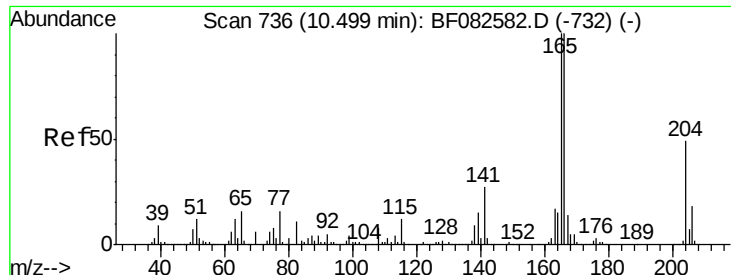
Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.1	43.4	65.0	
89	90.7	70.6	106.0	
182	2.1	1.5	2.3	





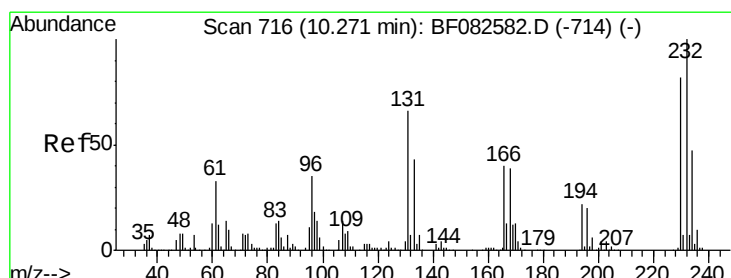
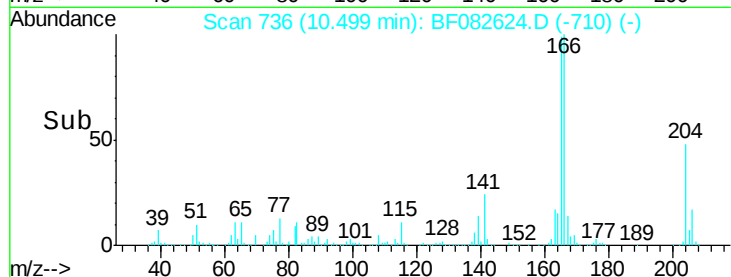
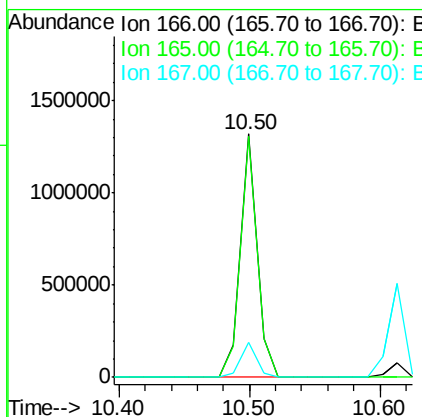
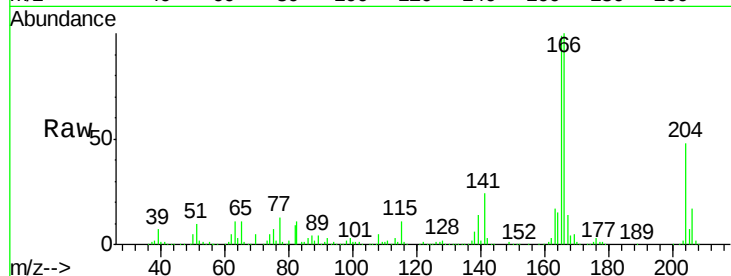
#57
Fluorene
 Concen: 36.40 ng
 RT: 10.50 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.2	120.4
167	14.4	11.2	16.8

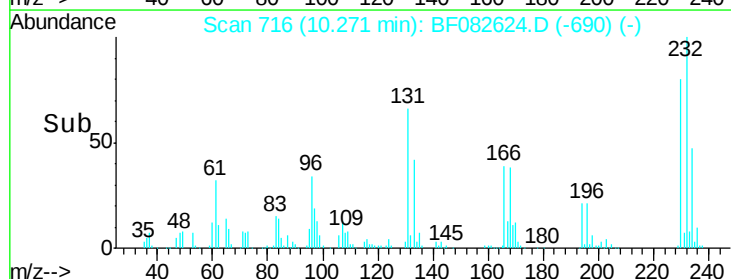
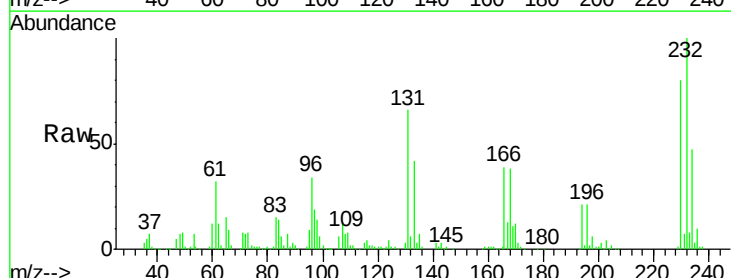
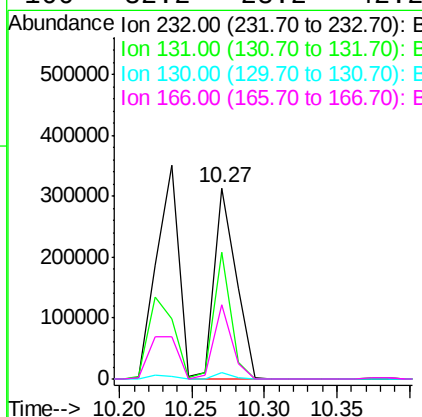
Manual Integrations
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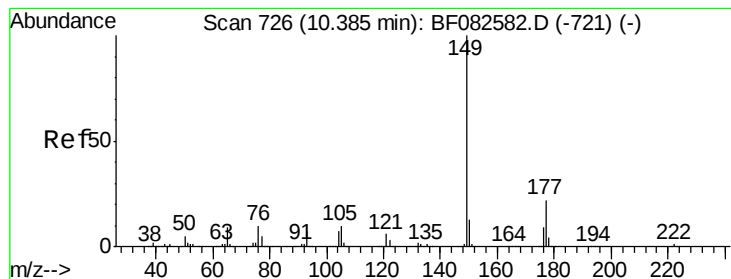
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.74 ng
 RT: 10.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.4	46.2	69.2
130	2.5	2.4	3.6
166	32.2	28.2	42.2





#59

Diethylphthalate

Concen: 40.56 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

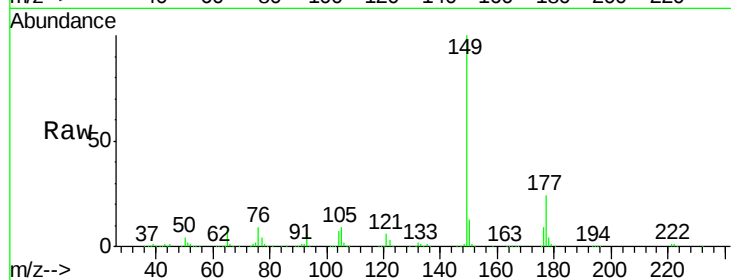
ClientSampleId :

SSTDCCC040EC

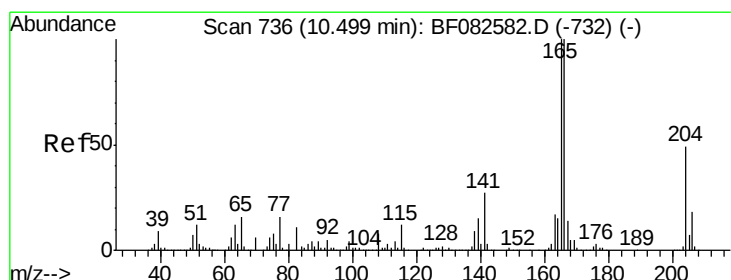
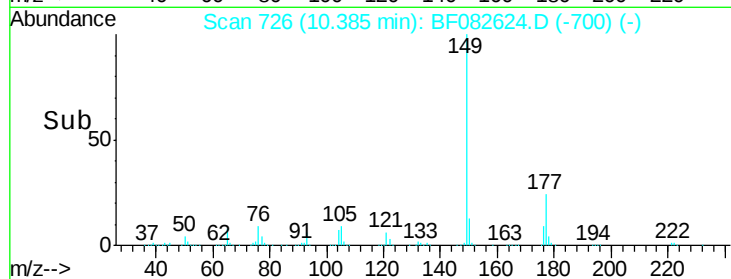
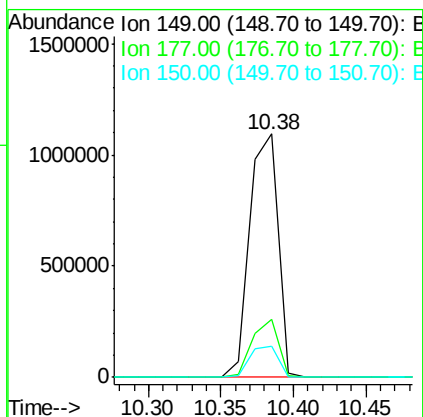
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Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	17.9	26.9
150	12.9	10.1	15.1



#60

4-Chlorophenyl-phenylether

Concen: 41.41 ng

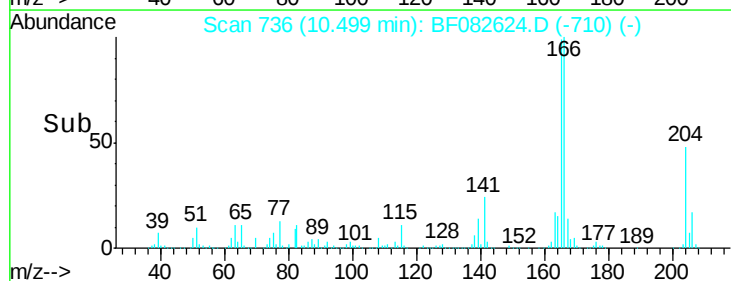
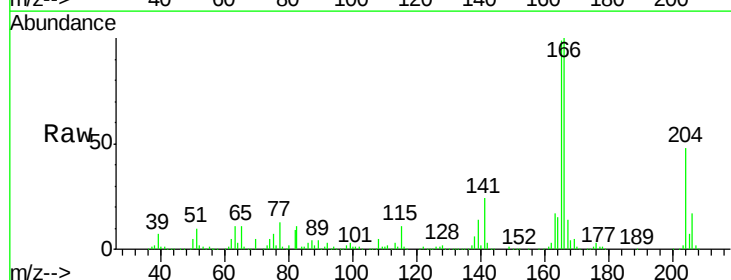
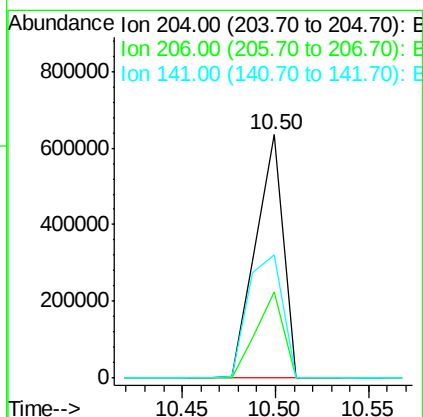
RT: 10.50 min Scan# 736

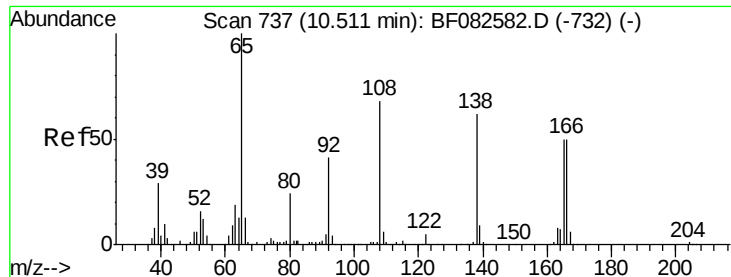
Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.3	28.5	42.7
141	50.5	44.6	66.8





#61

4-Nitroaniline

Concen: 41.56 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF082624.D

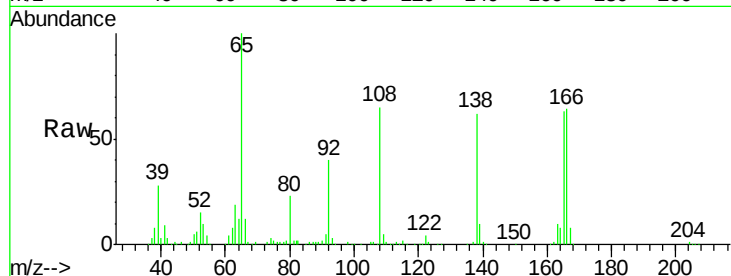
Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

ClientSampleId :

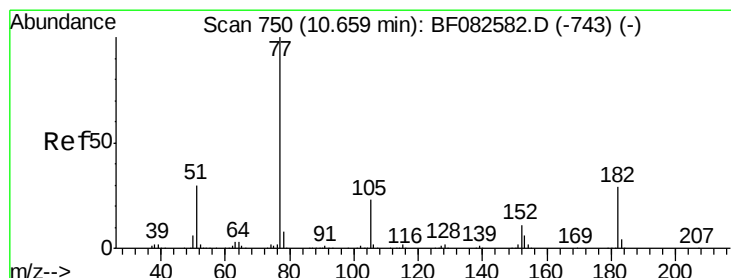
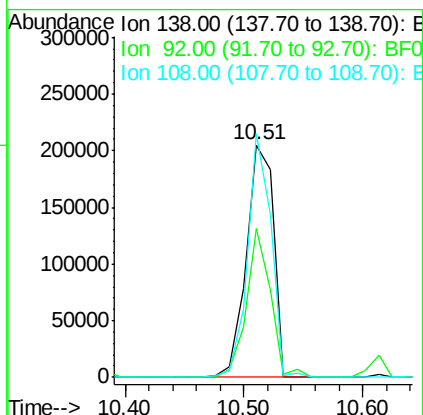
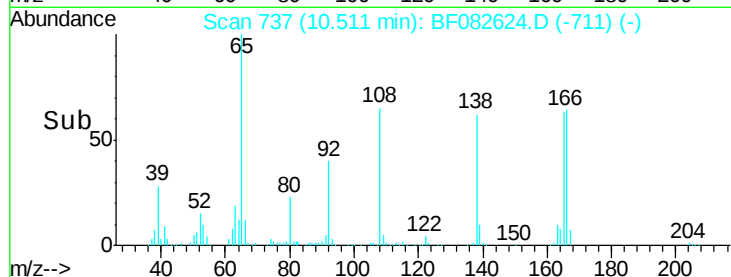
SSTDCCC040EC



Tgt Ion:	138	Resp:	328314
Ion Ratio	Lower	Upper	
138	100		
92	64.3	45.8	85.8
108	104.8	89.4	129.4

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#62

Azobenzene

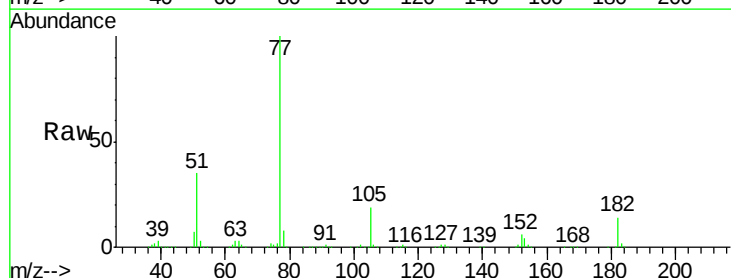
Concen: 38.67 ng

RT: 10.65 min Scan# 749

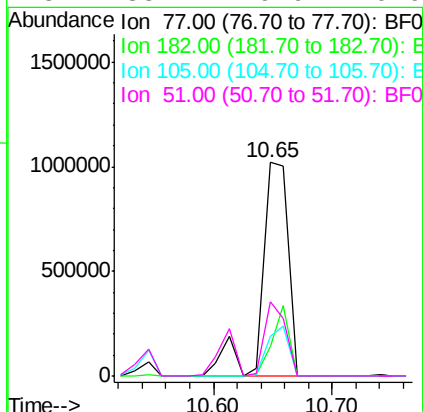
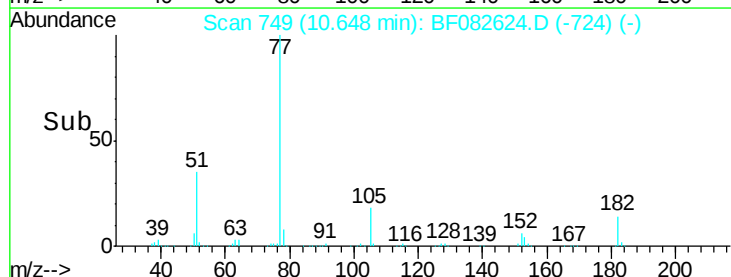
Delta R.T. -0.01 min

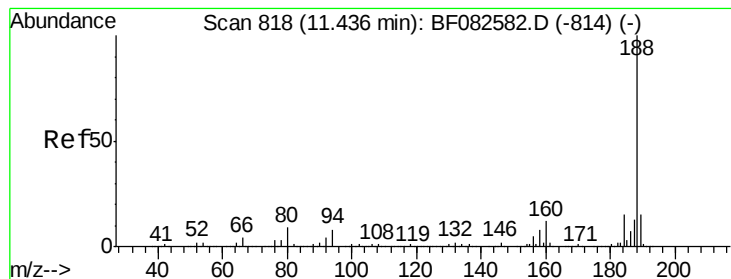
Lab File: BF082624.D

Acq: 31 Oct 2015 16:32



Tgt Ion:	77	Resp:	1593681
Ion Ratio	Lower	Upper	
77	100		
182	14.0	9.3	49.3
105	18.7	2.6	42.6
51	35.1	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF082624.D

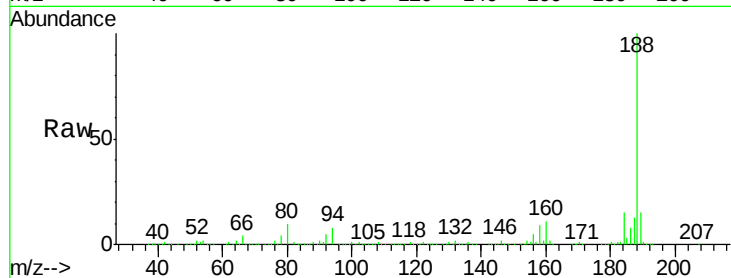
Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:188 Resp: 779650

Ion Ratio Lower Upper

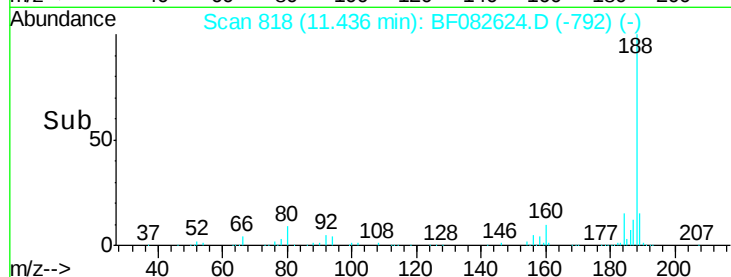
188 100

94 8.3 6.1 9.1

80 10.1 7.0 10.6

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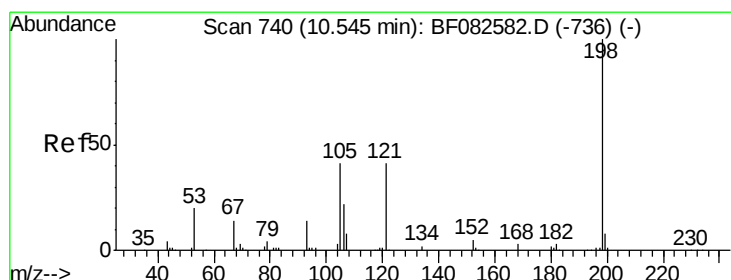
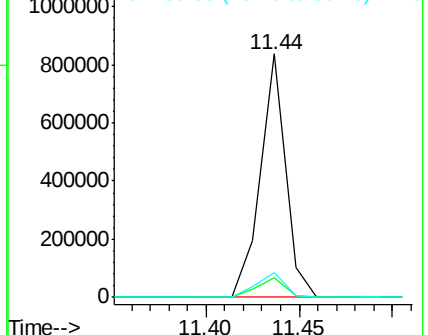
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.87 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

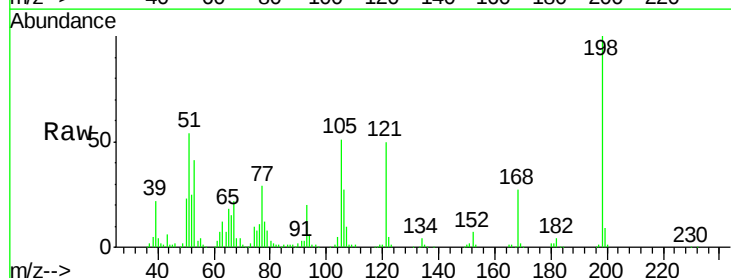
Tgt Ion:198 Resp: 201589

Ion Ratio Lower Upper

198 100

51 54.1 17.3 57.3

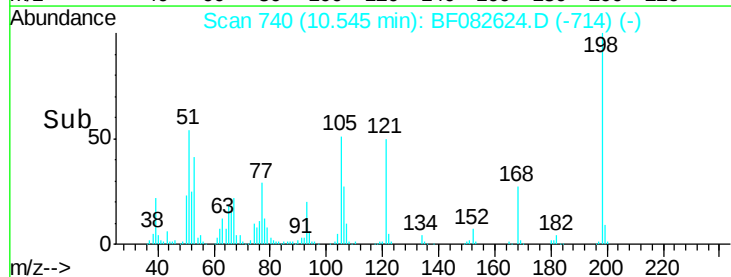
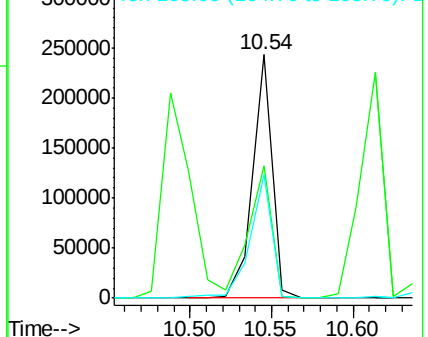
105 50.6 21.7 61.7

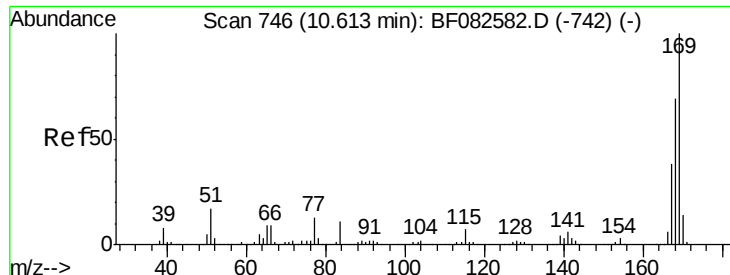


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





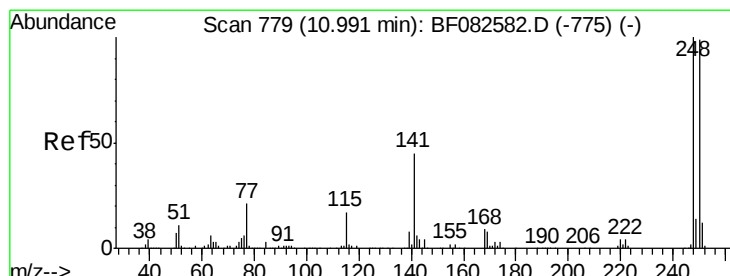
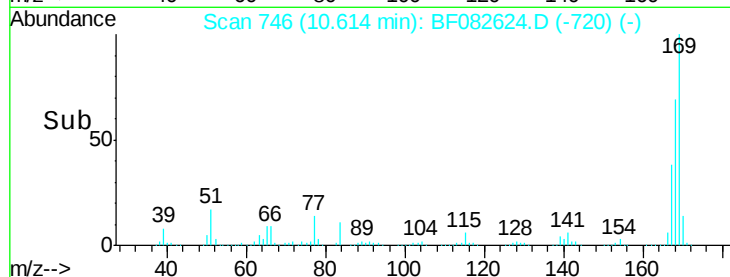
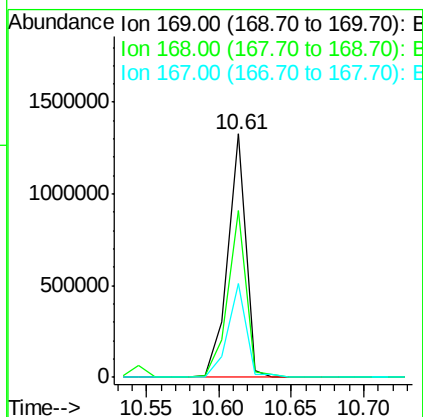
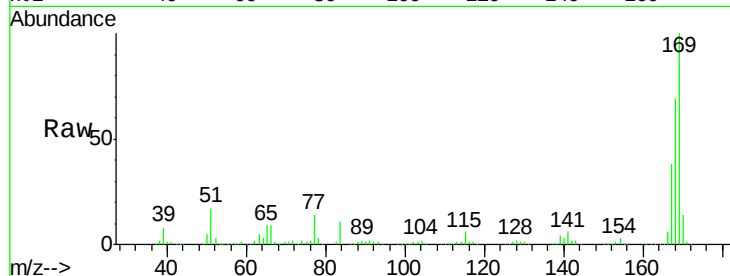
#65
 n-Nitrosodiphenylamine
 Concen: 43.06 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.6	55.0	82.6
167	38.5	30.5	45.7

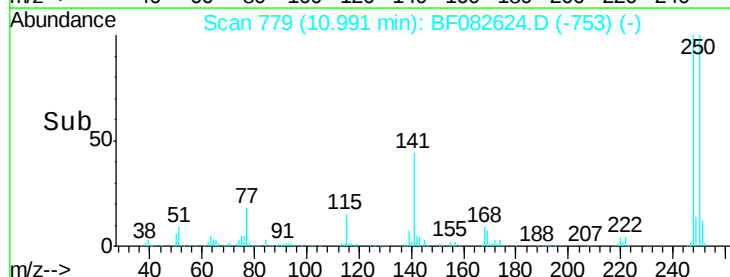
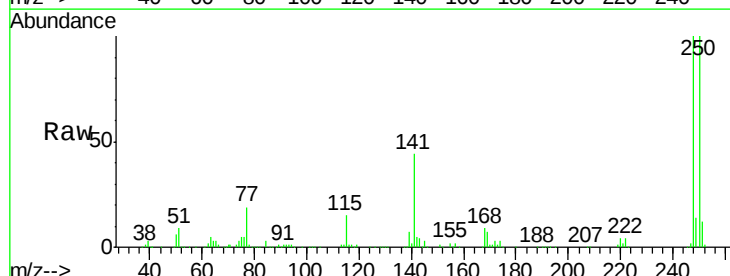
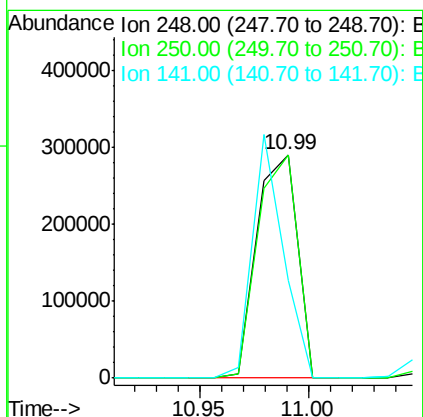
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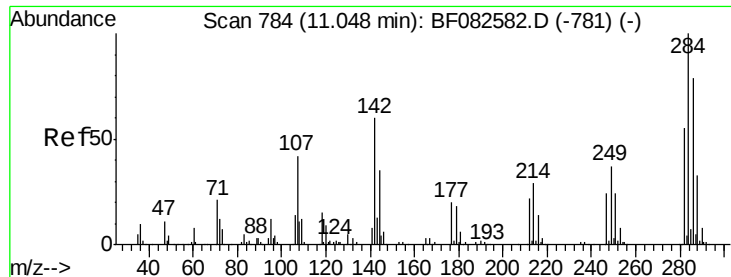
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#66
 4-Bromophenyl-phenylether
 Concen: 43.03 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.0	79.4	119.2
141	43.9	36.3	54.5





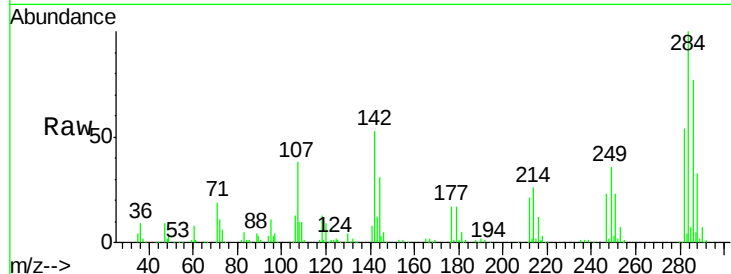
#67
Hexachlorobenzene
Concen: 41.92 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

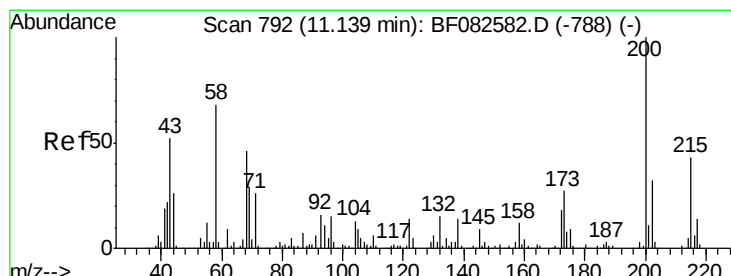
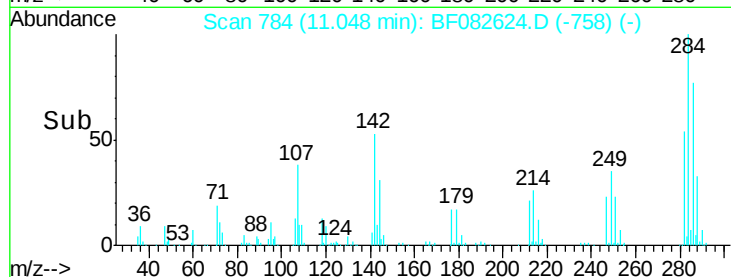
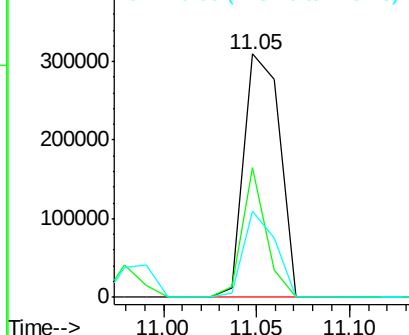
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	410697		
142	53.4	47.9	71.9	
249	35.6	29.7	44.5	

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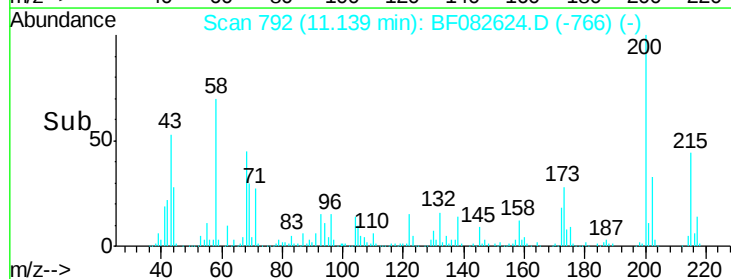
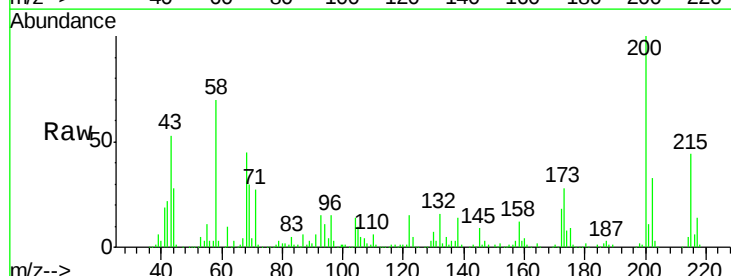
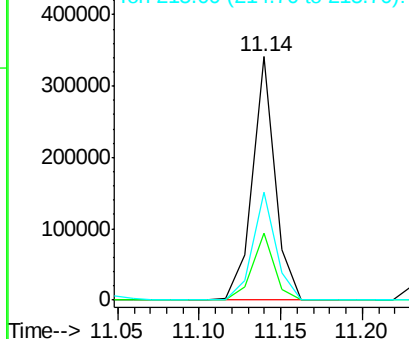
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

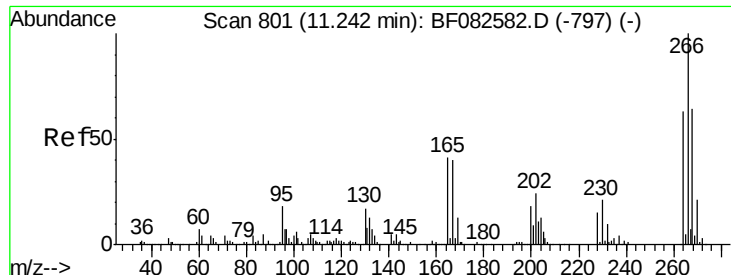


#68
Atrazine
Concen: 37.40 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	327949		
173	27.7	6.9	46.9	
215	44.5	22.9	62.9	

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





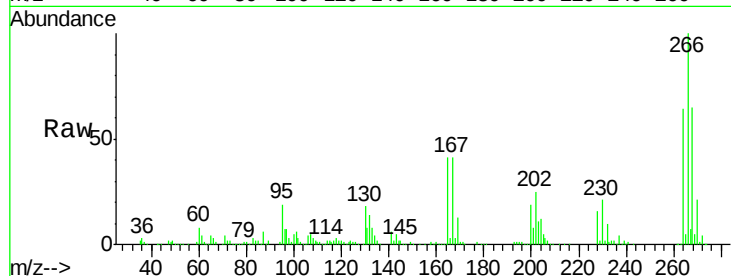
#69
 Pentachlorophenol
 Concen: 42.13 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

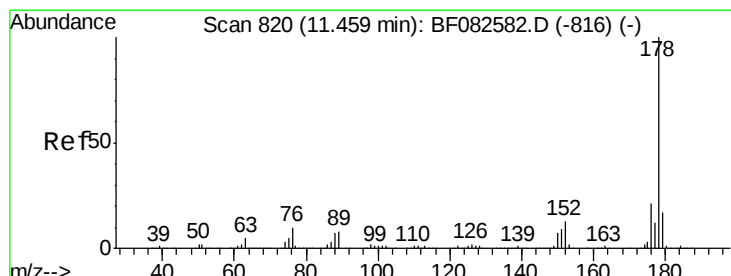
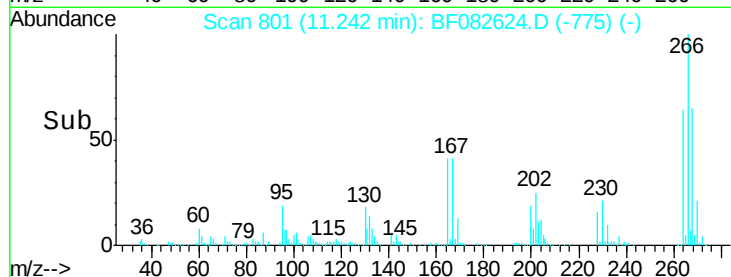
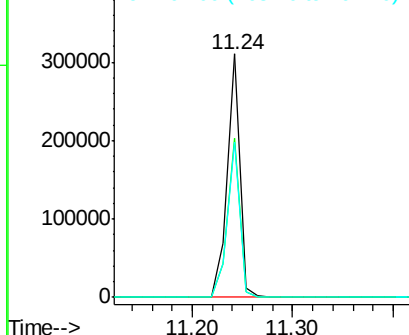
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	272137		
268	65.4	51.0	76.6	
264	63.7	50.6	75.8	

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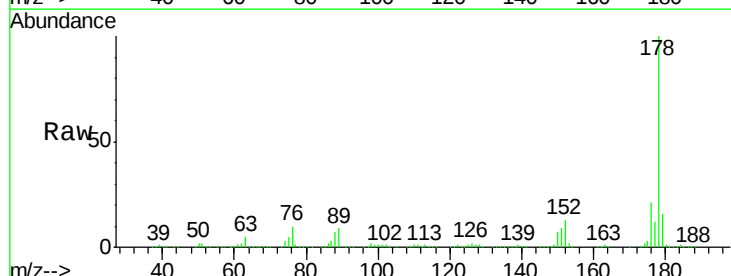


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

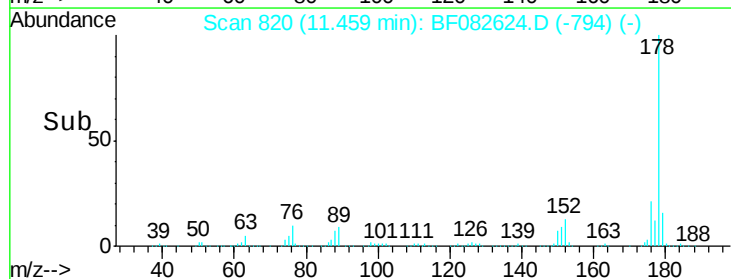
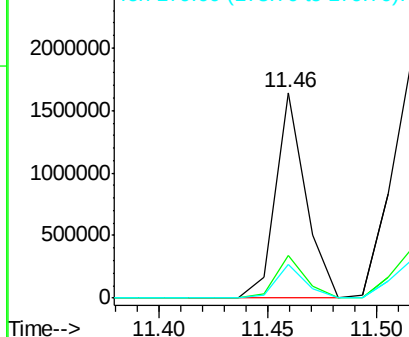


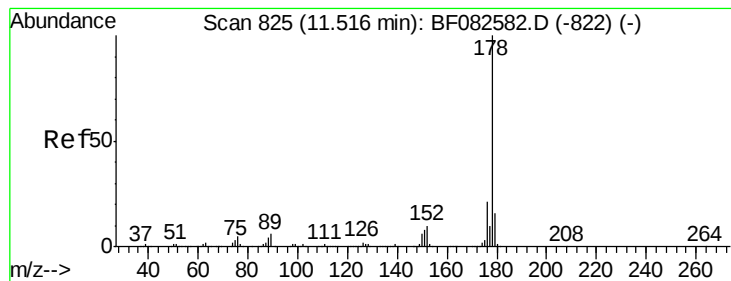
#70
 Phenanthrene
 Concen: 36.12 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1588170		
176	20.8	17.0	25.4	
179	16.4	13.4	20.0	



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





#71

Anthracene

Concen: 43.77 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF082624.D

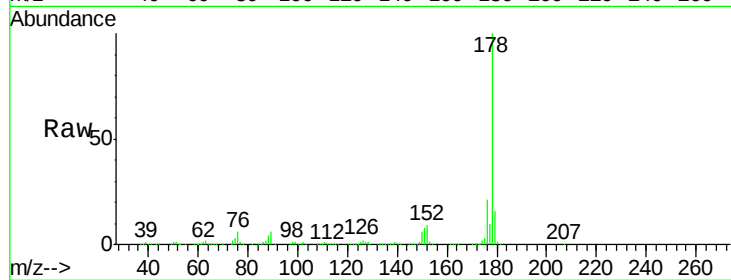
Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:178 Resp: 1938096

Ion Ratio Lower Upper

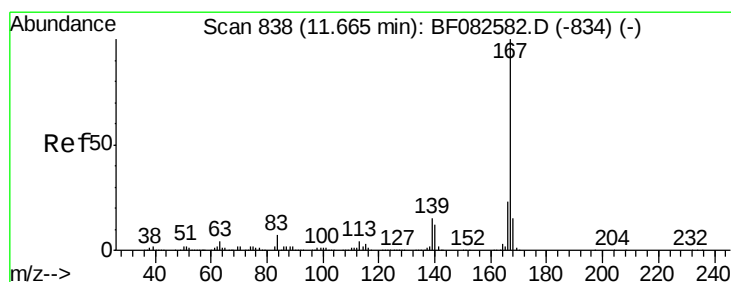
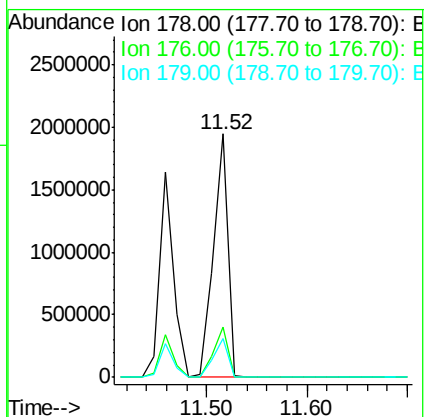
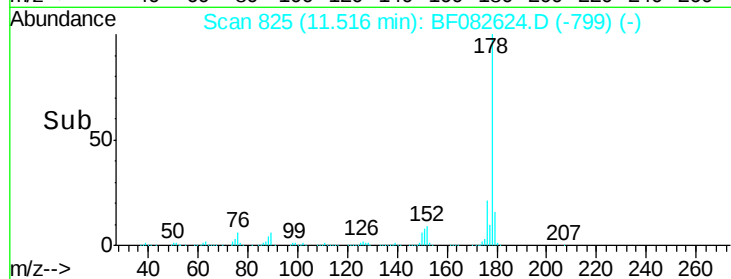
178 100

176 20.8 16.5 24.7

179 16.2 13.2 19.8

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#72

Carbazole

Concen: 41.63 ng

RT: 11.67 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

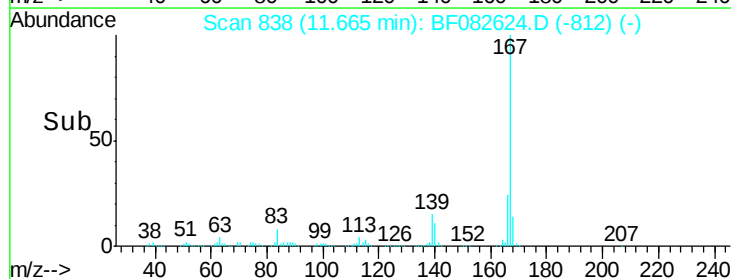
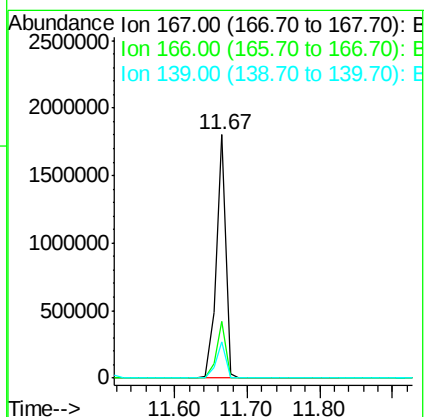
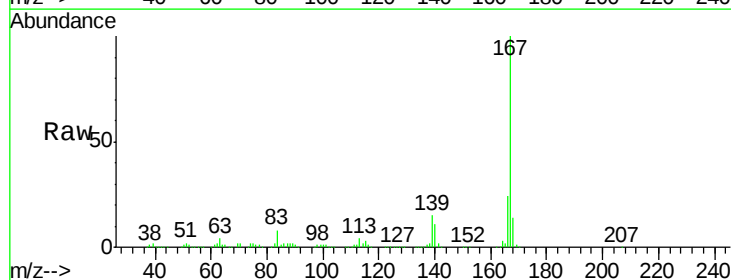
Tgt Ion:167 Resp: 1605663

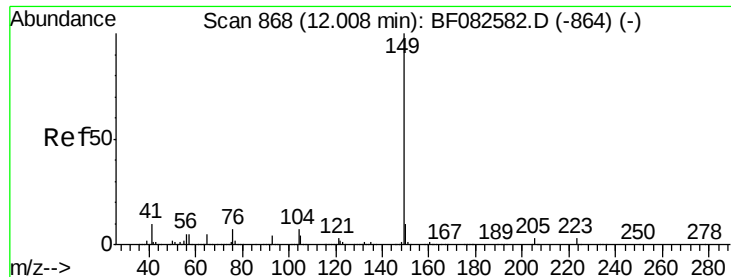
Ion Ratio Lower Upper

167 100

166 23.5 18.7 28.1

139 15.0 11.8 17.6





#73

Di-n-butylphthalate

Concen: 45.11 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 2214561

Ion Ratio Lower Upper

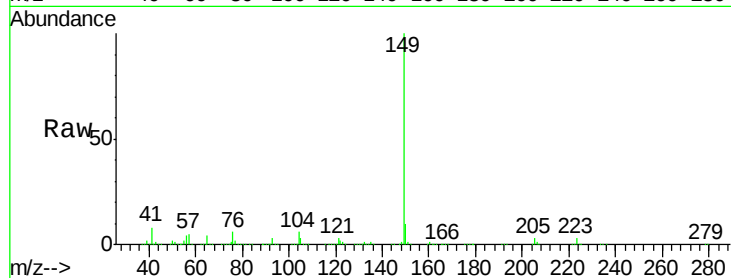
149 100

150 10.3 8.1 12.1

104 6.1 5.2 7.8

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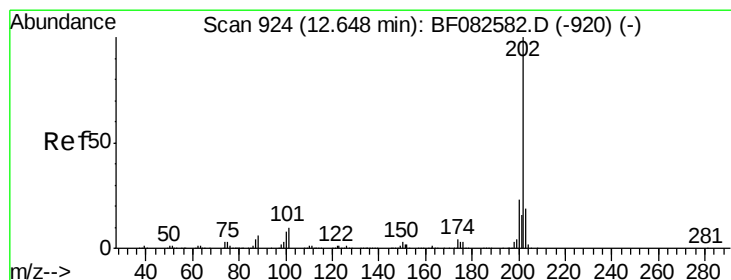
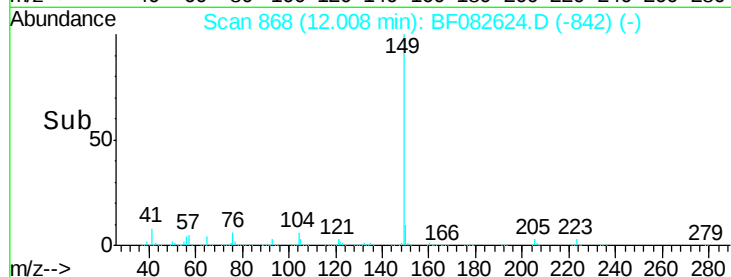
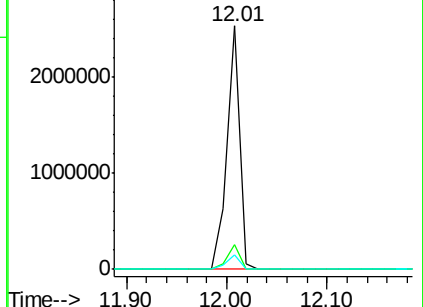
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.92 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

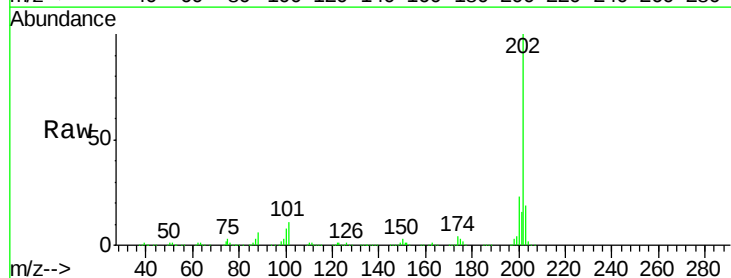
Tgt Ion:202 Resp: 1569706

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.5

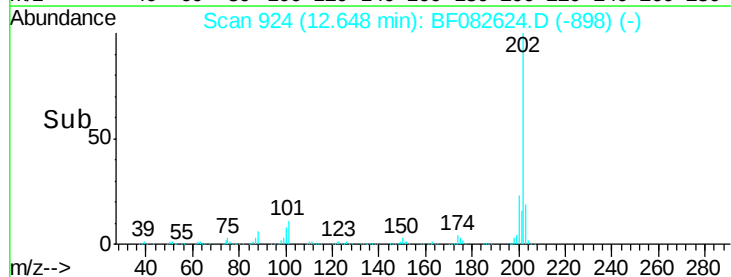
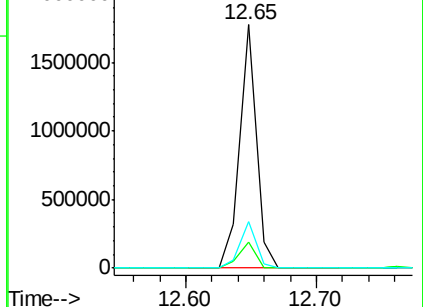
203 18.8 0.0 38.5

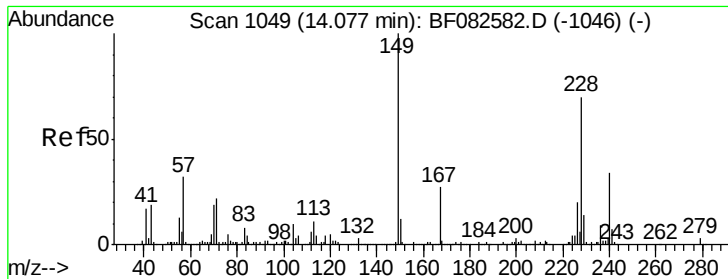


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

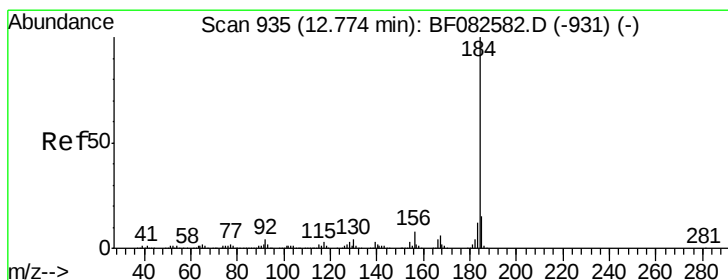
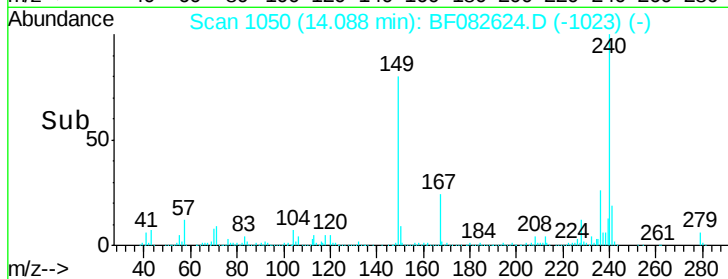
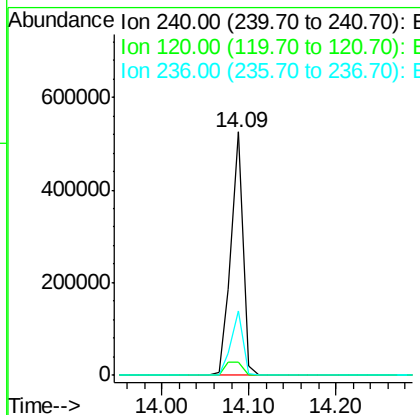
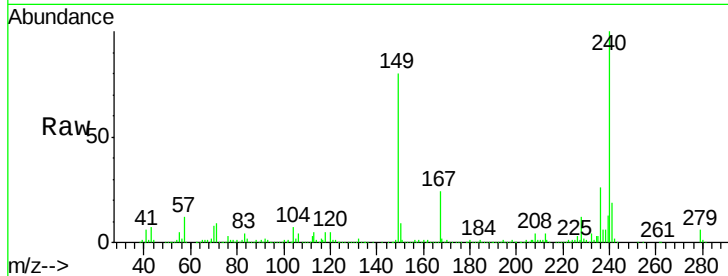
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	510611		
120	5.4	10.9	16.3	
236	26.3	21.6	32.4	

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#76

Benzidine

Concen: 36.51 ng

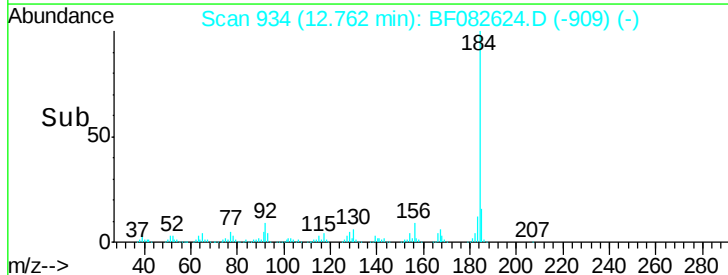
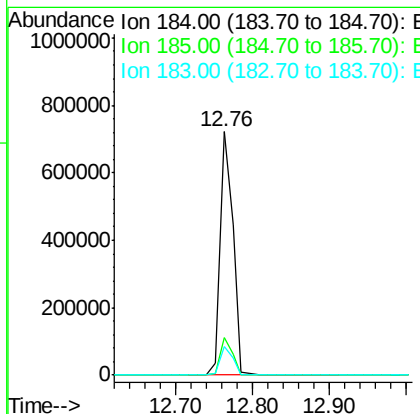
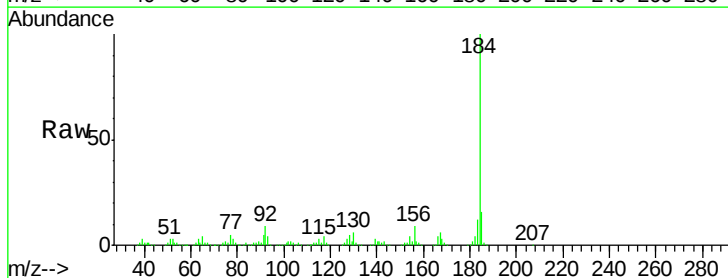
RT: 12.76 min Scan# 934

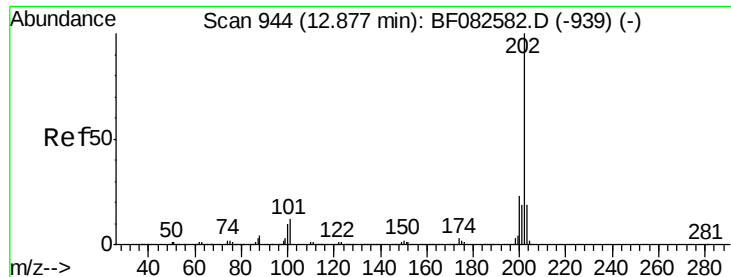
Delta R.T. -0.01 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	840821		
185	15.5	12.0	18.0	
183	11.9	9.6	14.4	





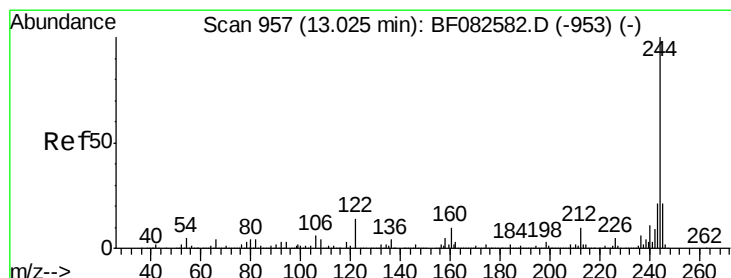
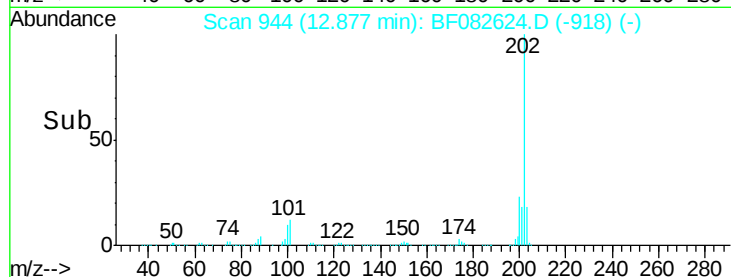
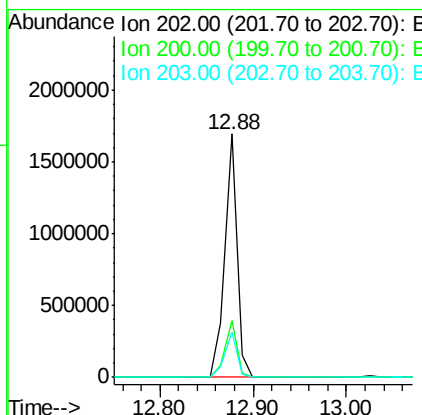
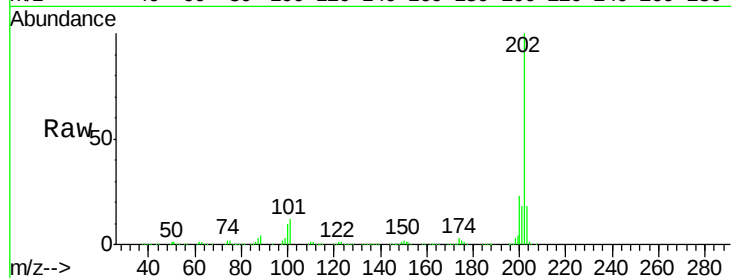
#77
 Pyrene
 Concen: 40.68 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.7	28.1
203	18.5	14.8	22.2

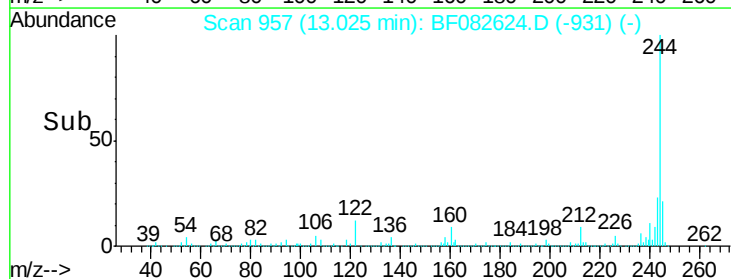
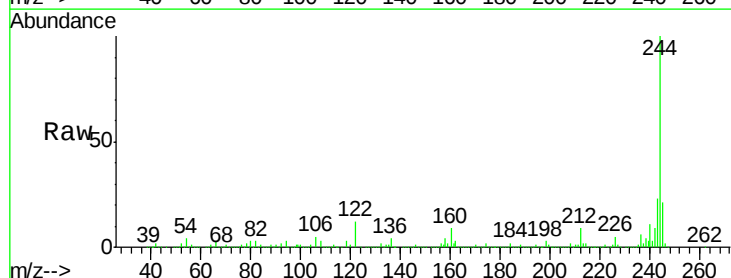
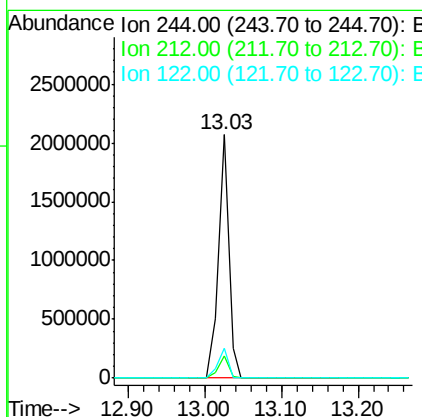
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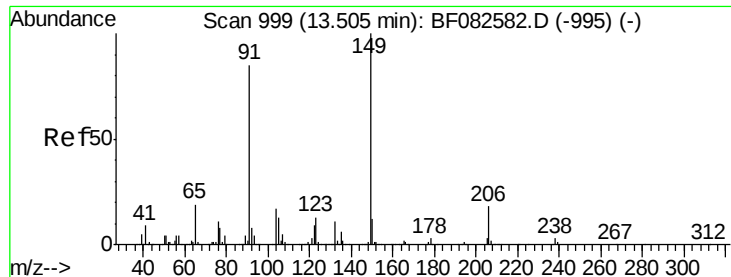
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#78
 Terphenyl-d14
 Concen: 83.68 ng
 RT: 13.03 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.6	11.4
122	12.1	11.3	16.9





#79

Butylbenzylphthalate

Concen: 51.11 ng

RT: 13.51 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

ClientSampleId :

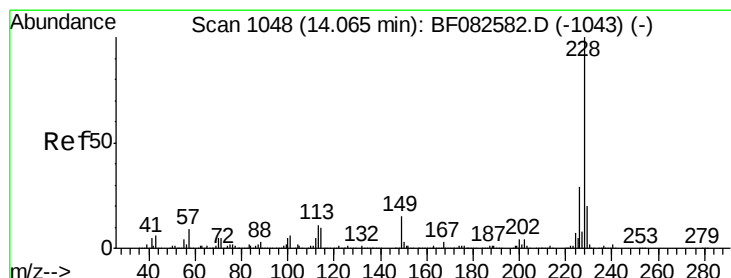
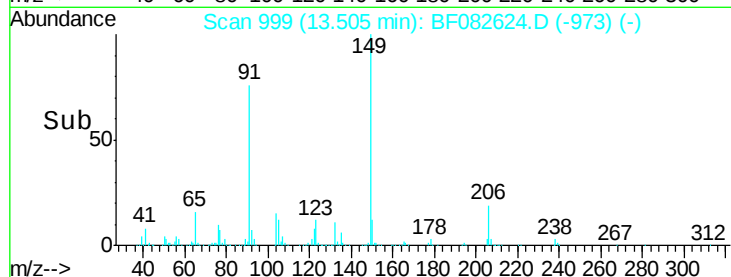
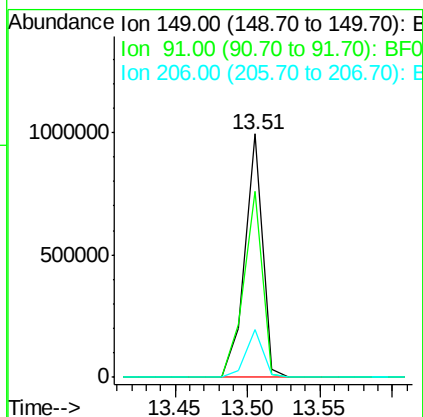
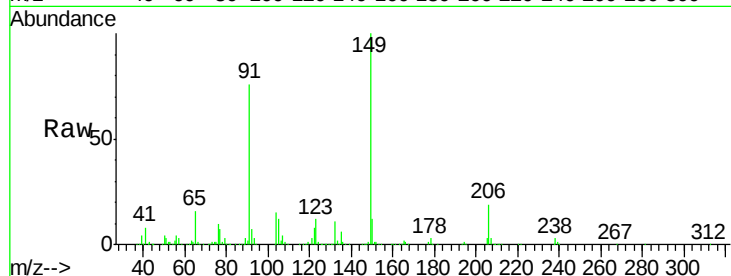
SSTDCCC040EC

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Tgt Ion:	149	Resp:	846500
Ion Ratio	Lower	Upper	
149	100		
91	76.2	67.7	101.5
206	19.4	14.6	22.0



#80

Benzo(a)anthracene

Concen: 38.94 ng

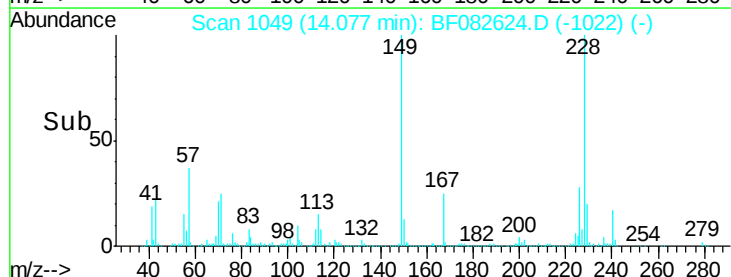
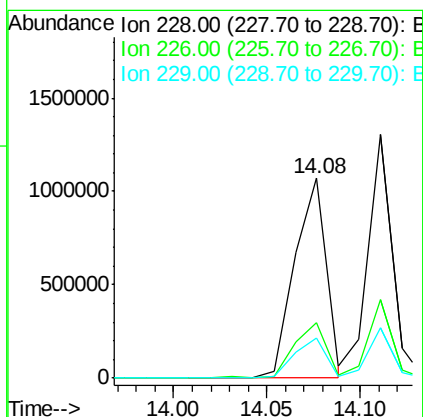
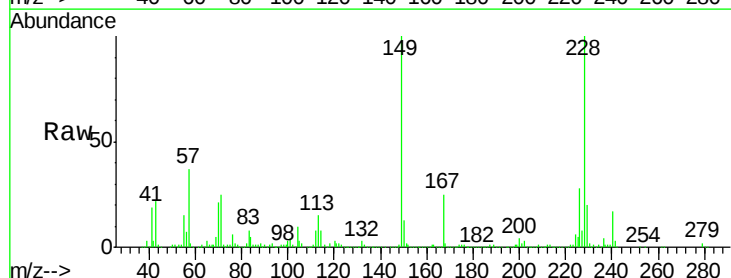
RT: 14.08 min Scan# 1049

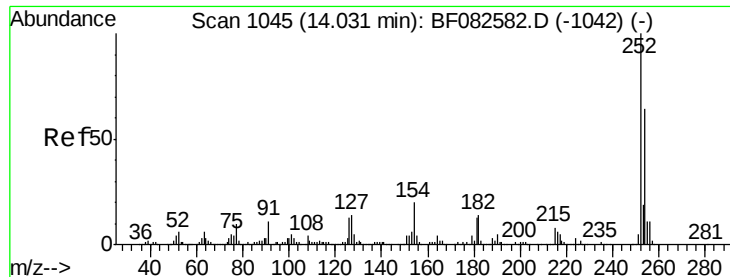
Delta R.T. 0.01 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Tgt Ion:	228	Resp:	1263118
Ion Ratio	Lower	Upper	
228	100		
226	27.6	23.4	35.2
229	20.0	16.3	24.5





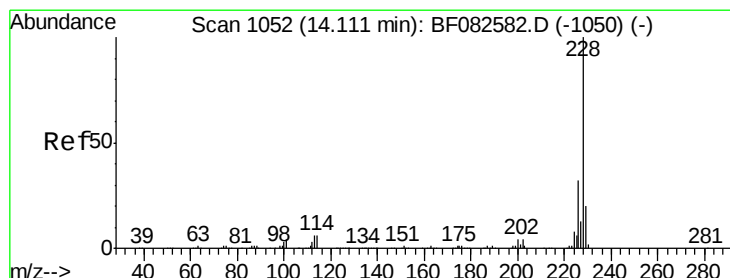
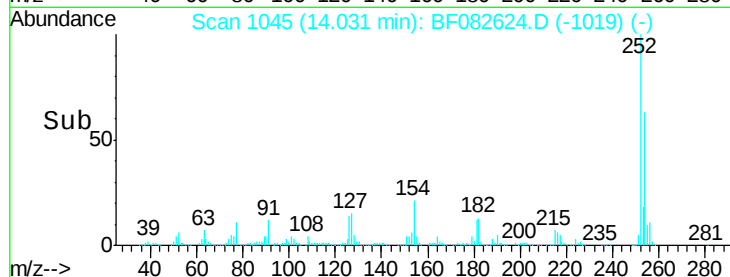
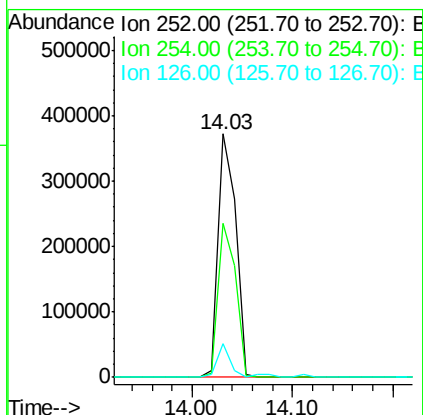
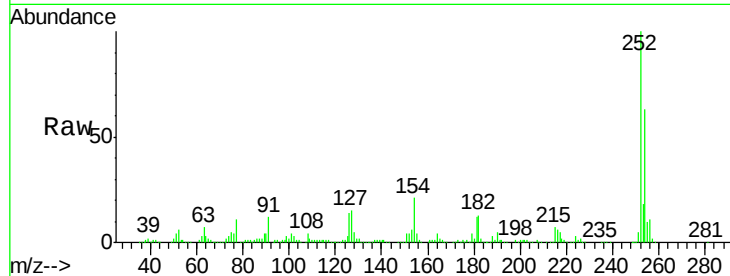
#81
 3,3'-Dichlorobenzidine
 Concen: 40.80 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.4	77.0
126	13.7	10.7	16.1

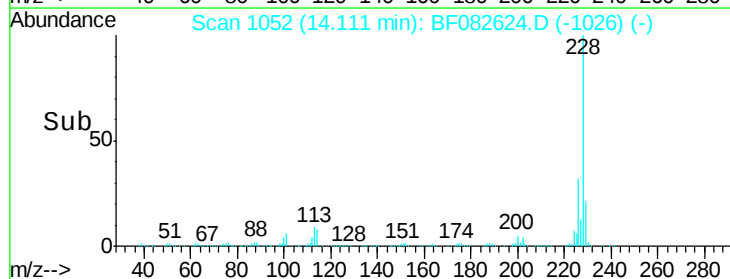
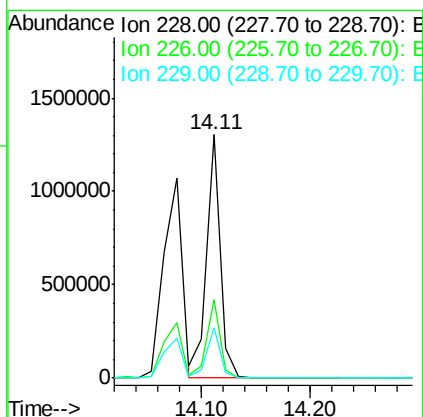
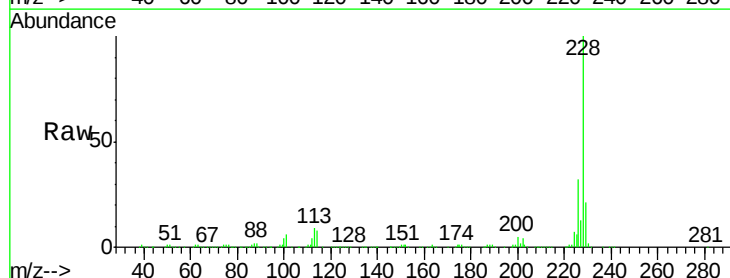
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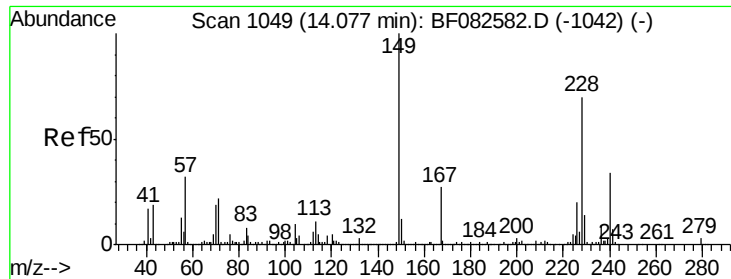
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#82
 Chrysene
 Concen: 39.36 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.5	38.3
229	20.7	16.3	24.5





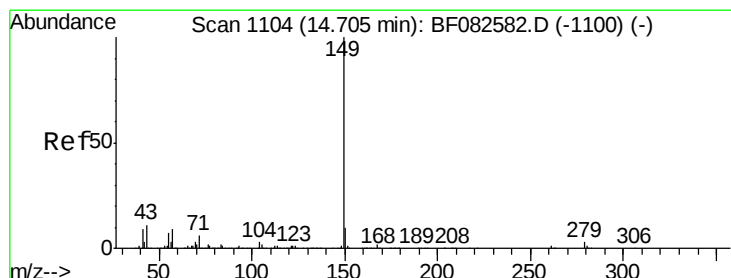
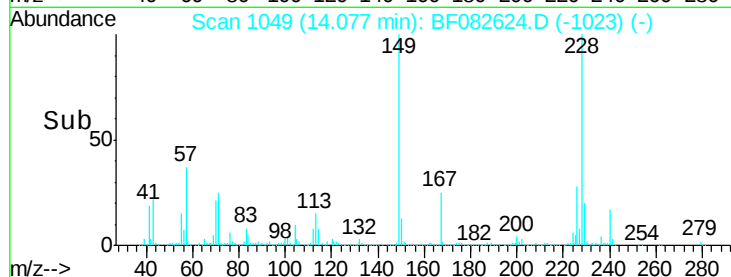
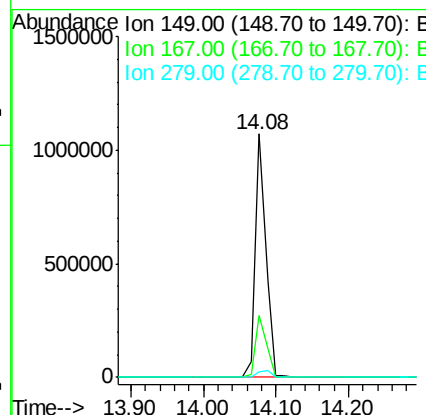
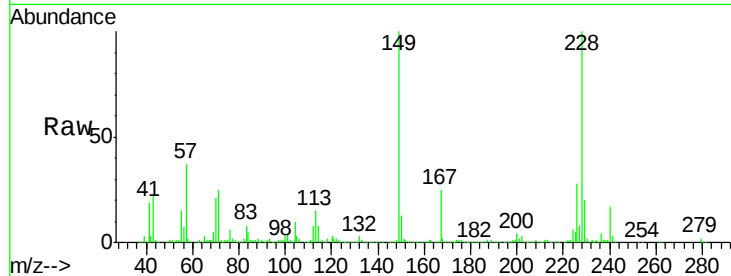
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.46 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.2	31.8
279	2.2	2.2	3.2

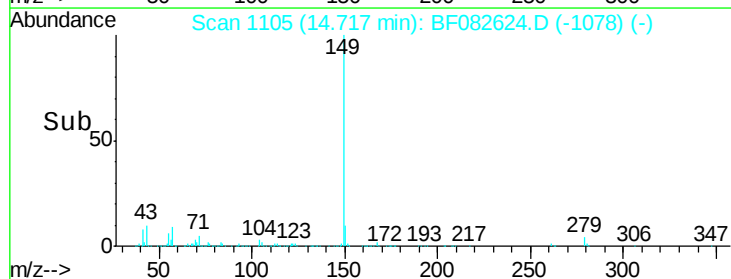
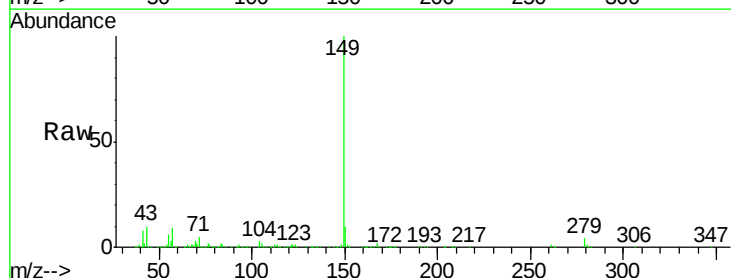
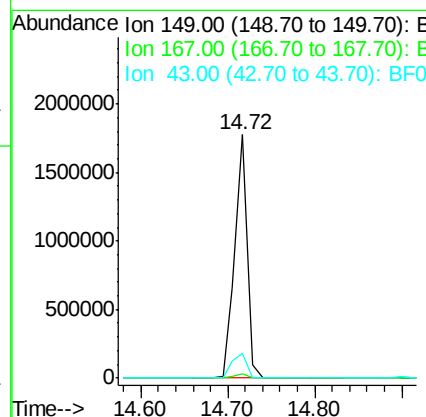
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#84
 Di-n-octyl phthalate
 Concen: 52.31 ng
 RT: 14.72 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	12.2	10.1	15.1





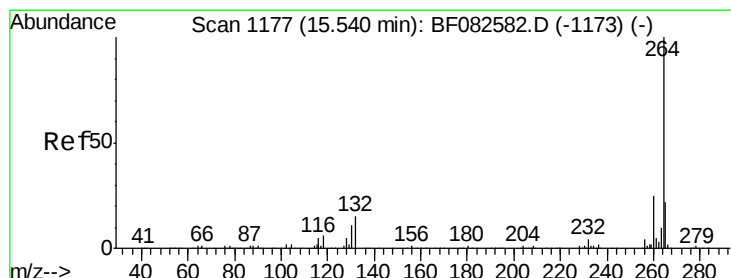
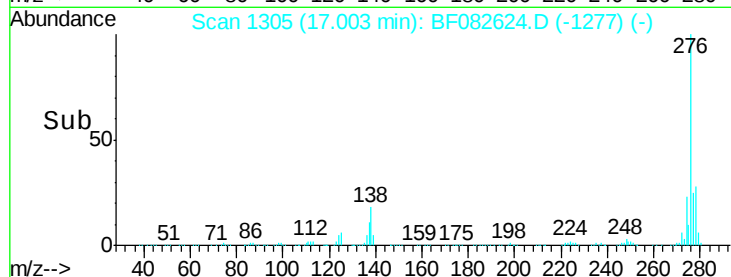
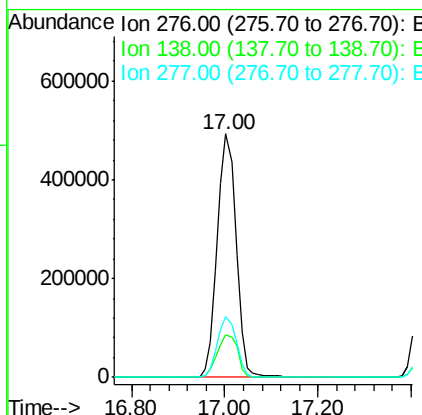
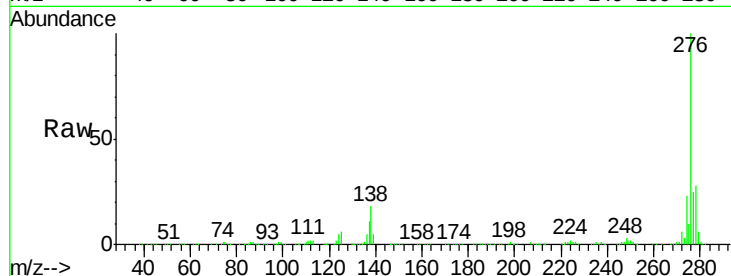
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.21 ng
 RT: 17.00 min Scan# 1305
 Delta R.T. 0.02 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.3	22.9
277	25.2	20.2	30.4

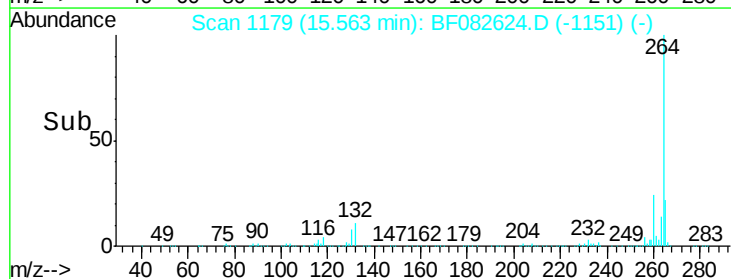
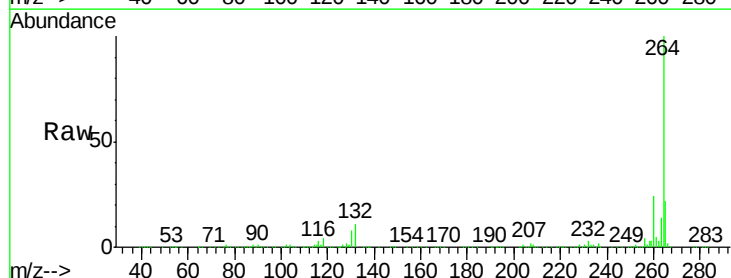
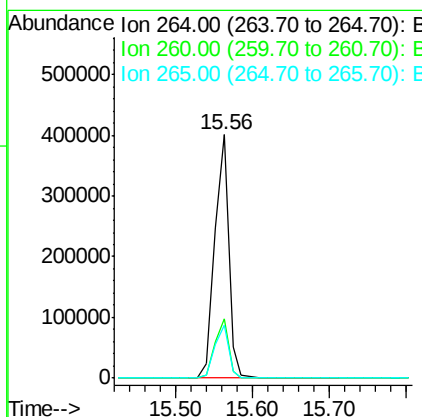
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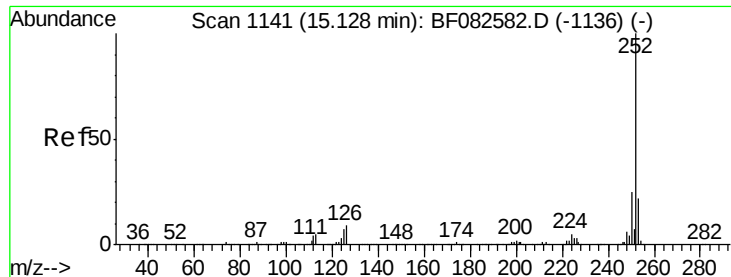
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1179
 Delta R.T. 0.02 min
 Lab File: BF082624.D
 Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.9	17.4	26.0





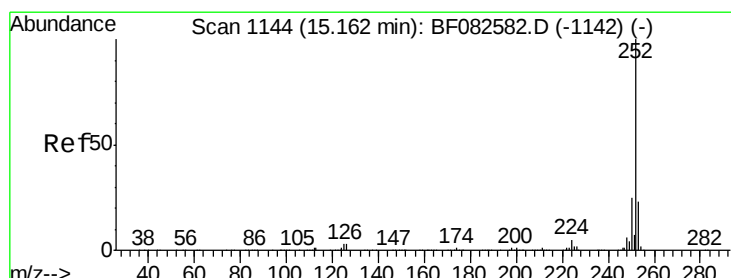
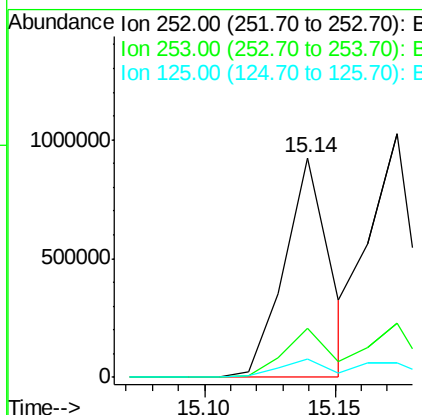
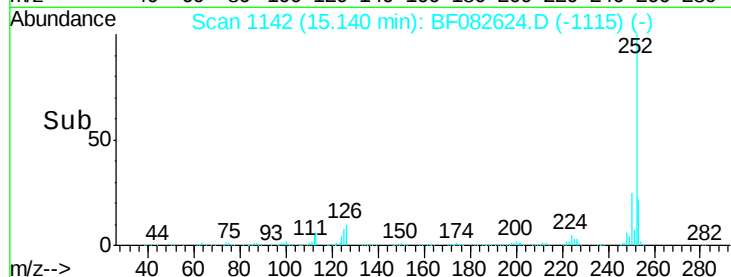
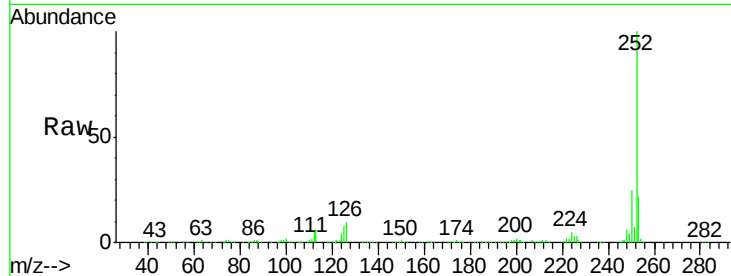
#87
Benzo(b)fluoranthene
Concen: 31.97 ng
RT: 15.14 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	8.2	5.4	8.2#

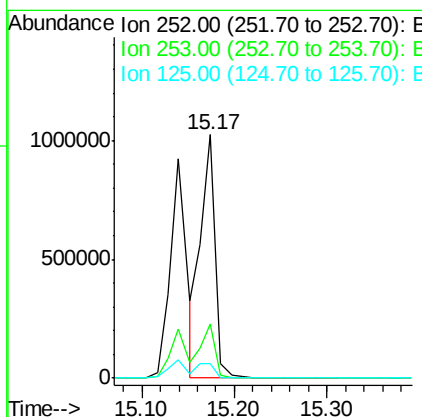
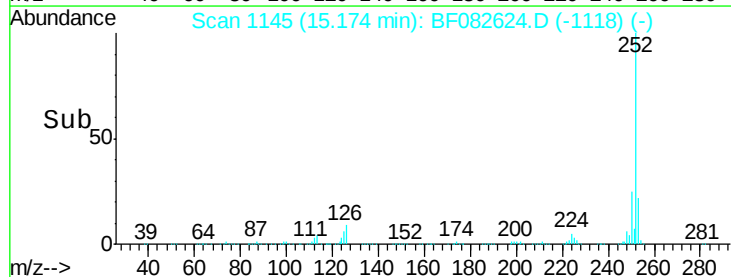
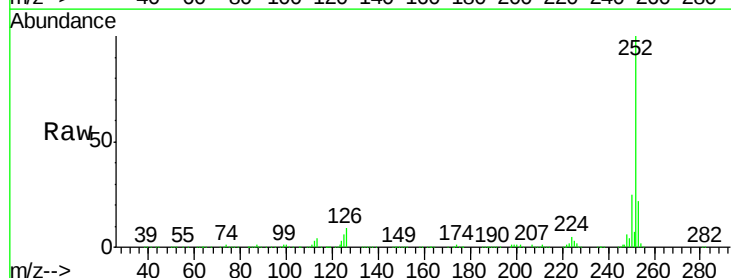
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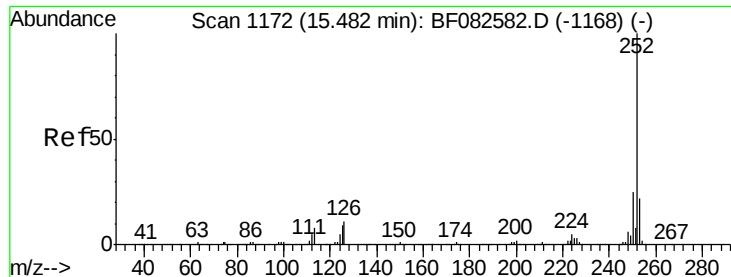
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#88
Benzo(k)fluoranthene
Concen: 43.50 ng m
RT: 15.17 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	6.0	3.5	5.3#





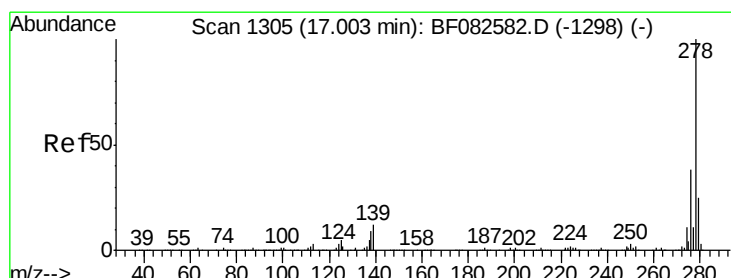
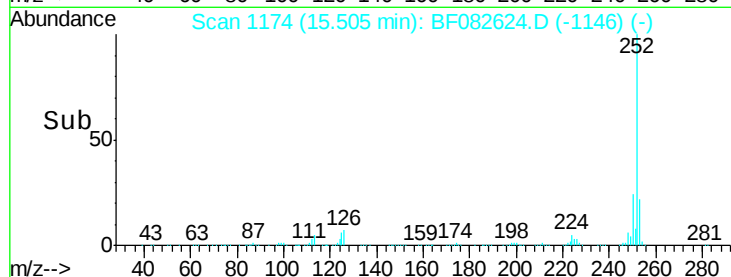
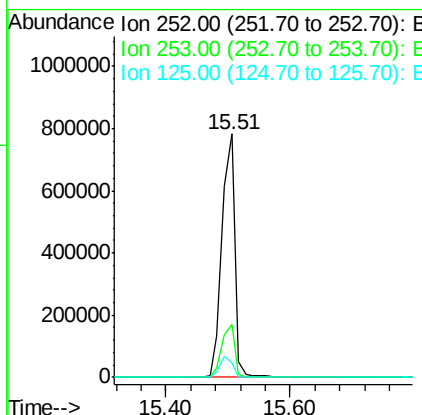
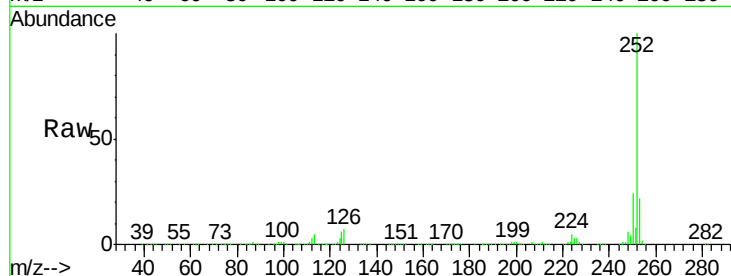
#89
Benzo(a)pyrene
Concen: 40.41 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 252 Resp: 1109264
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 5.8 7.1 10.7#

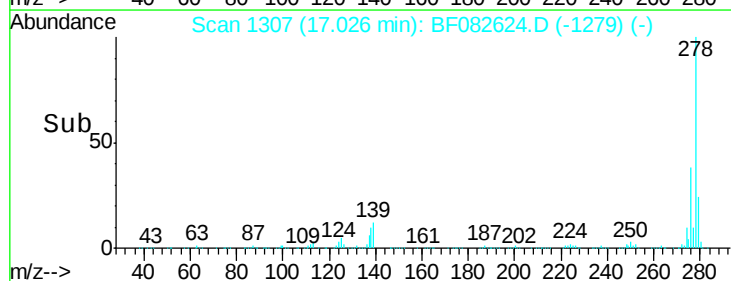
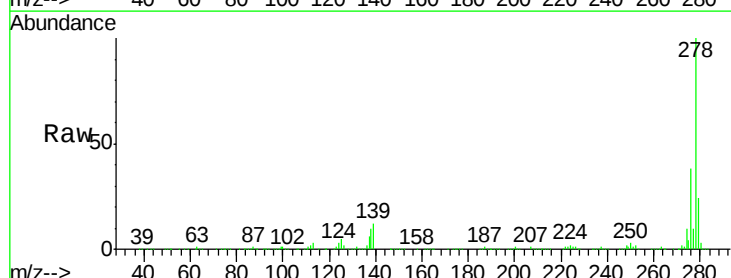
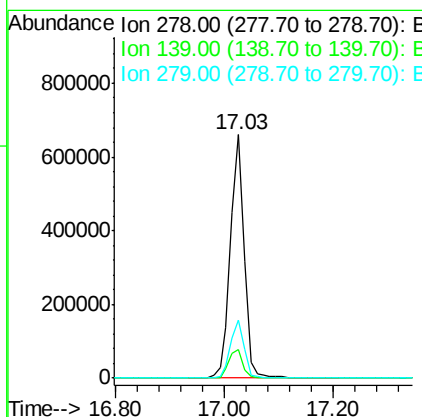
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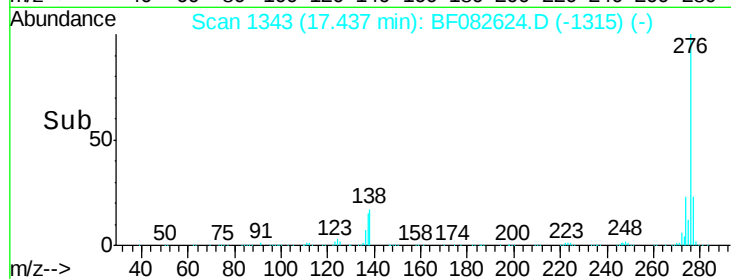
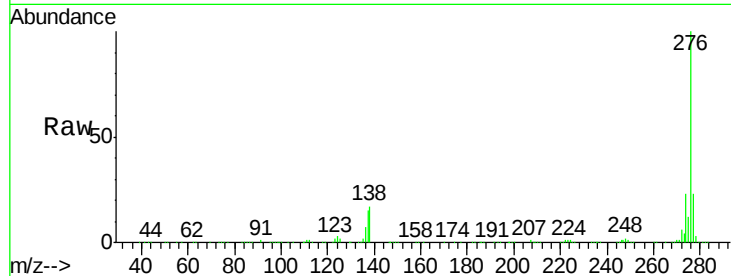
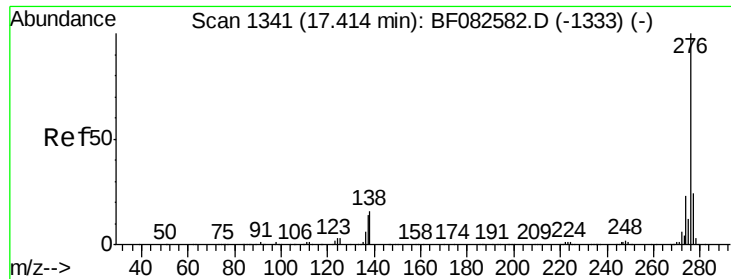
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#90
Dibenzo(a,h)anthracene
Concen: 45.39 ng
RT: 17.03 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BF082624.D
Acq: 31 Oct 2015 16:32

Tgt Ion: 278 Resp: 1162652
Ion Ratio Lower Upper
278 100
139 11.6 9.9 14.9
279 23.8 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 45.13 ng

RT: 17.44 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF082624.D

Acq: 31 Oct 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 276 Resp: 1120385

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 16.5 13.1 19.7

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