

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081818.D
 Acq On : 25 Sep 2015 22:58
 Operator : UM/IZ
 Sample : G3805-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-092315

Manual Integrations
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Quant Time: Sep 26 04:50:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	141618	20.00	ng	0.03
21) Naphthalene-d8	8.24	136	568725	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	271362	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	474921	20.00	ng	0.00
75) Chrysene-d12	14.12	240	387948	20.00	ng	0.00
86) Perylene-d12	15.59	264	359704	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	63289m	7.56	ng	0.01
7) Phenol-d6	6.81	99	82395m	7.78	ng	0.24
23) Nitrobenzene-d5	7.53	82	473660	54.95	ng	0.01
41) 2,4,6-Tribromophenol	10.78	330	104904	44.53	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1072093	64.85	ng	0.00
78) Terphenyl-d14	13.06	244	862026	50.76	ng	0.00
Target Compounds						
3) Pyridine	3.37	79	199323	17.05	ng	Qvalue 90
6) Aniline	6.77	93	23941873	1510.40	ng	# 79
8) 2-Chlorophenol	6.86	128	89793	9.74	ng	88
12) 1,3-Dichlorobenzene	6.93	146	150416	13.78	ng	# 97
13) 1,4-Dichlorobenzene	6.99	146	641871m	58.12	ng	
14) 1,2-Dichlorobenzene	7.15	146	2390051m	232.61	ng	
20) 3+4-Methylphenols	7.36	107	158868m	16.23	ng	
24) Nitrobenzene	7.57	77	2821014	293.35	ng	# 71
30) 1,2,4-Trichlorobenzene	8.18	180	35337	3.90	ng	99
33) 4-Chloroaniline	8.29	127	50377	4.38	ng	# 84
49) Dimethylphthalate	9.70	163	181077	8.77	ng	# 97
59) Diethylphthalate	10.40	149	56123	2.81	ng	97

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

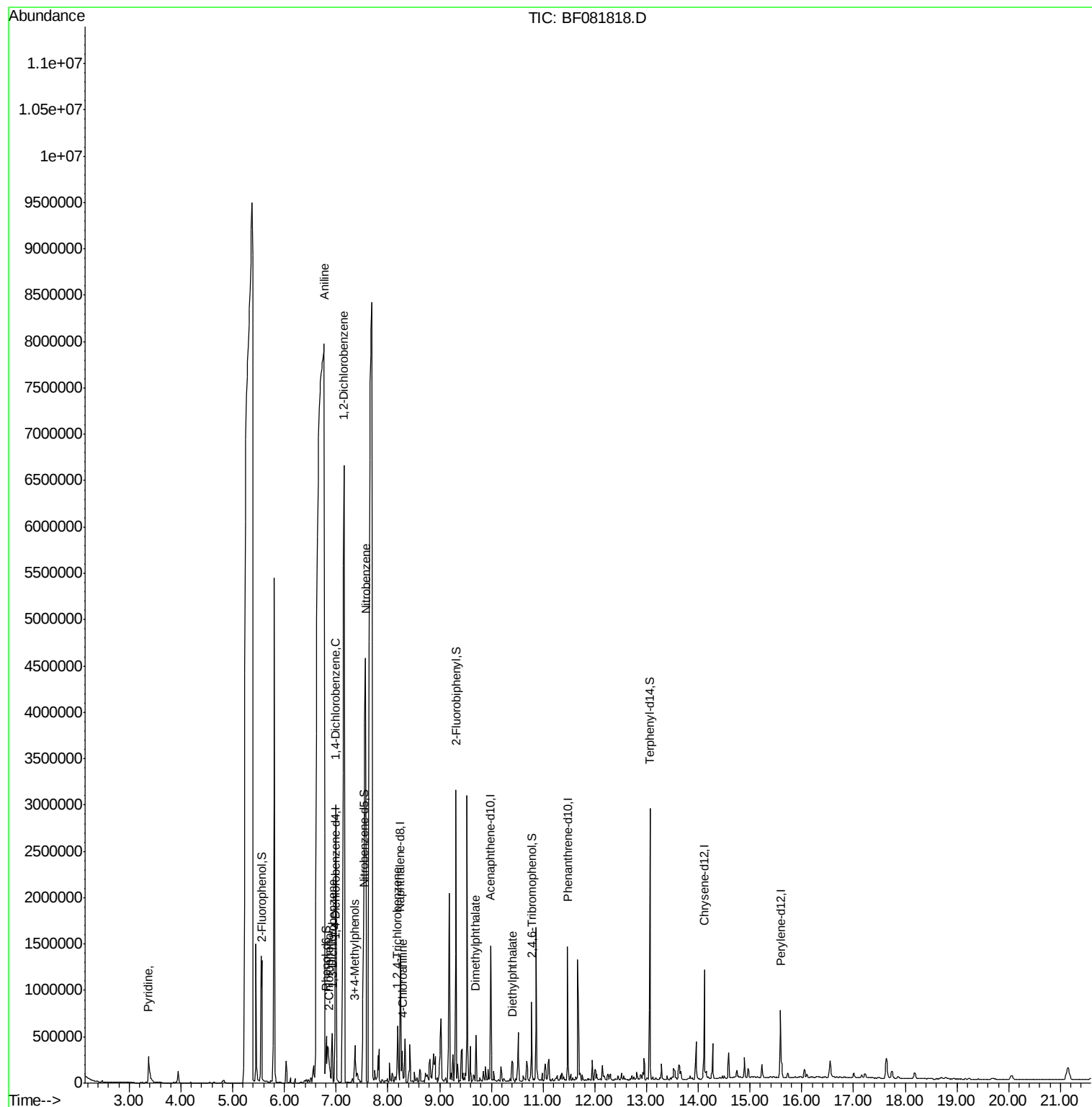
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081818.D
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Misc :
ALS Vial : 34 Sample Multiplier: 1

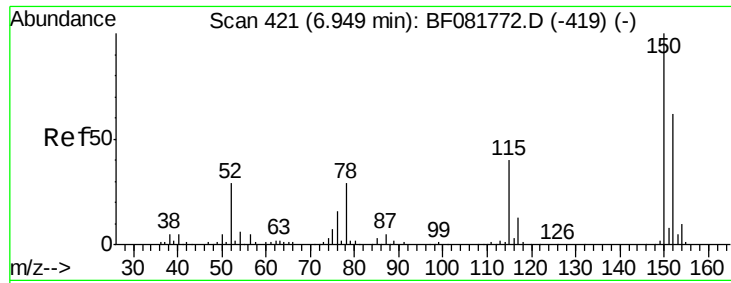
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
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#1

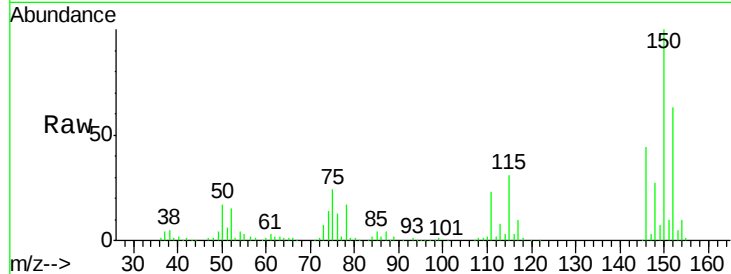
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.03 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

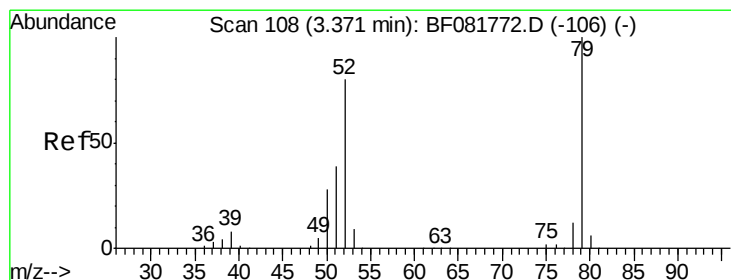
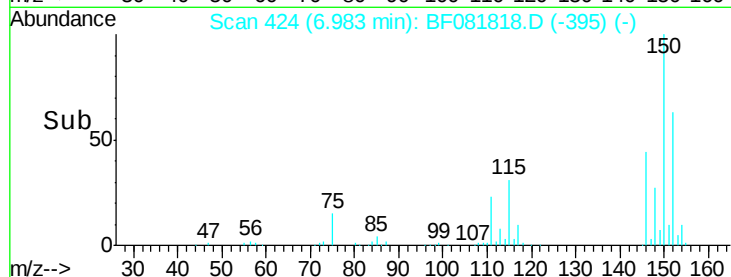
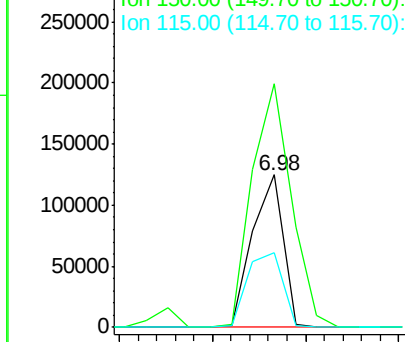
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.7	187.1
115	49.2	39.0	58.4

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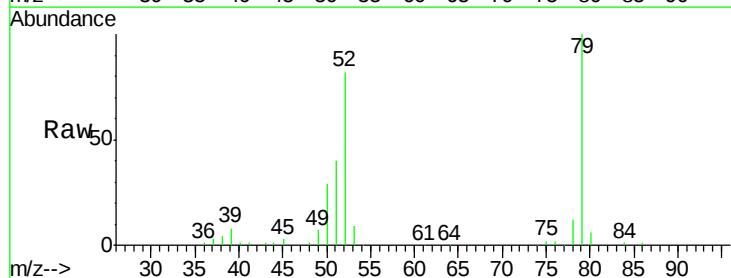
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



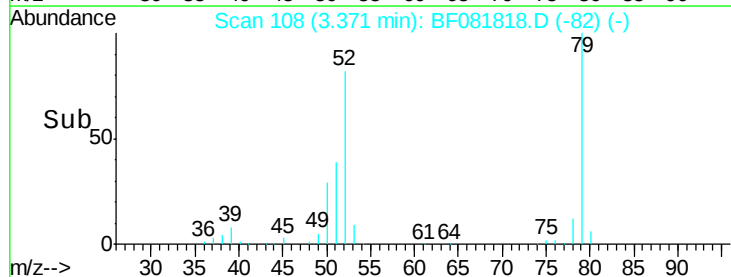
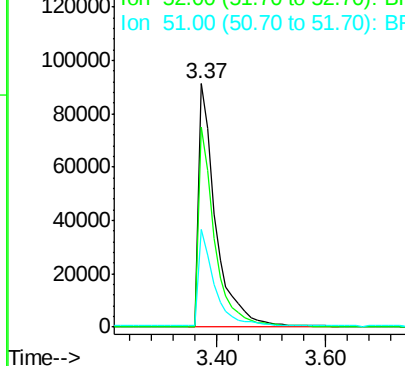
#3

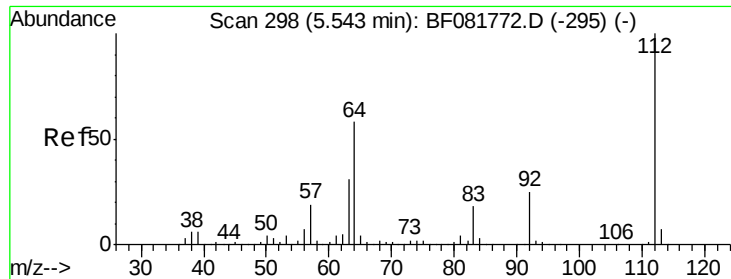
Pyridine
Concen: 17.05 ng
RT: 3.37 min Scan# 108
Delta R.T. 0.00 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion	Ratio	Lower	Upper
79	100		
52	82.0	76.8	115.2
51	40.0	32.2	48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 7.56 ng m

RT: 5.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF081818.D

Acq: 25 Sep 2015 22:58

Instrument :

BNA_F

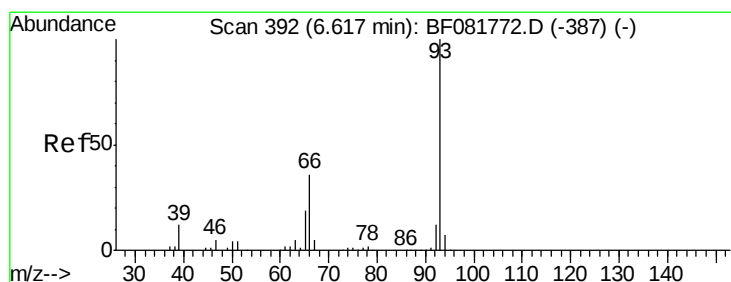
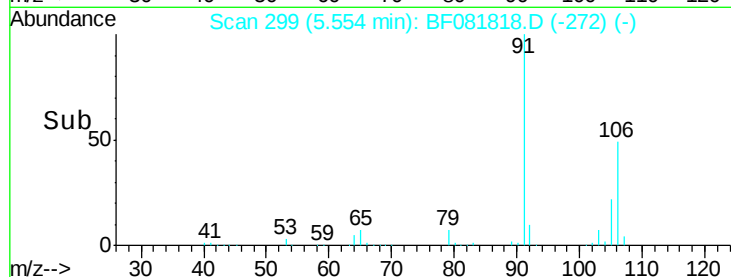
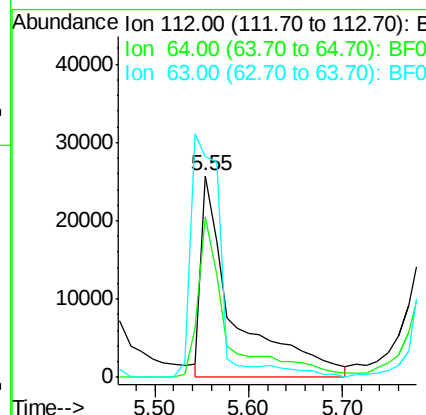
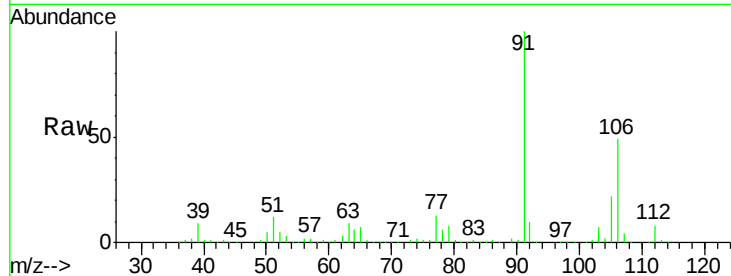
ClientSampleId :

SYSDIS-092315

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.3	39.7	59.5#
63	109.4	17.4	26.0#

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#6

Aniline

Concen: 1510.40 ng

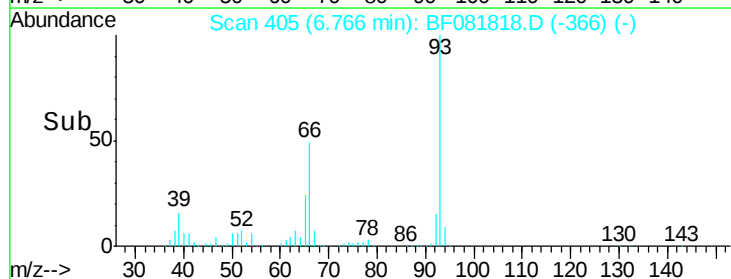
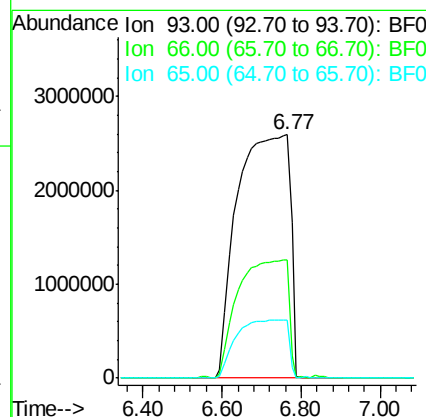
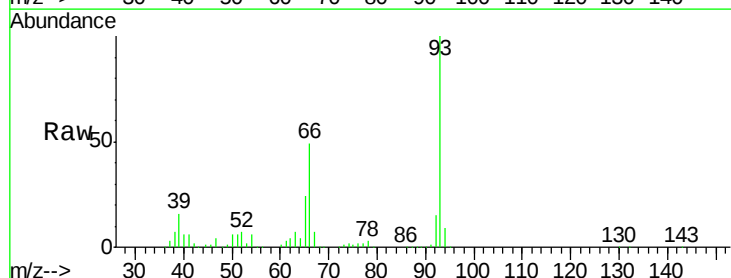
RT: 6.77 min Scan# 405

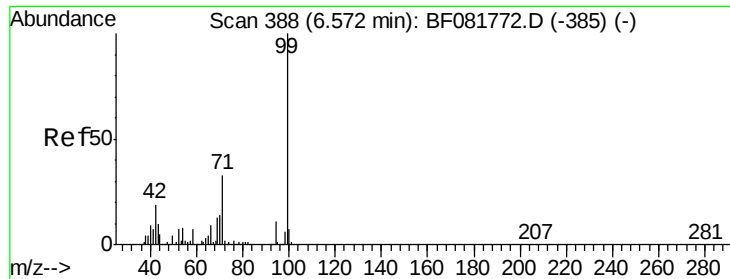
Delta R.T. 0.15 min

Lab File: BF081818.D

Acq: 25 Sep 2015 22:58

Tgt Ion	Ratio	Lower	Upper
93	100		
66	48.7	27.2	40.8#
65	24.0	14.7	22.1#





#7

Phenol-d6

Concen: 7.78 ng m

RT: 6.81 min Scan# 409

Delta R.T. 0.24 min

Lab File: BF081818.D

Acq: 25 Sep 2015 22:58

Instrument :

BNA_F

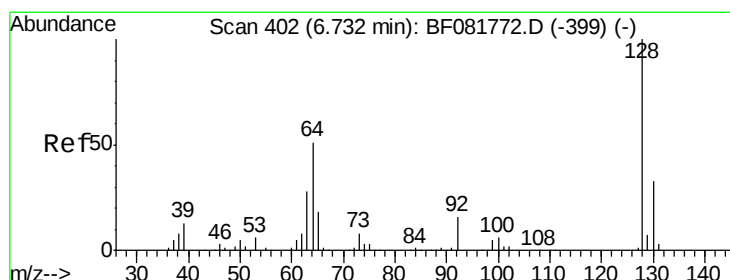
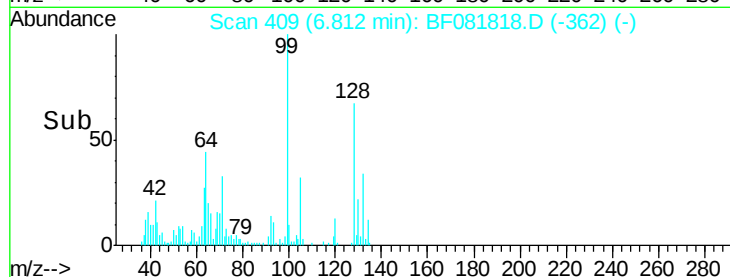
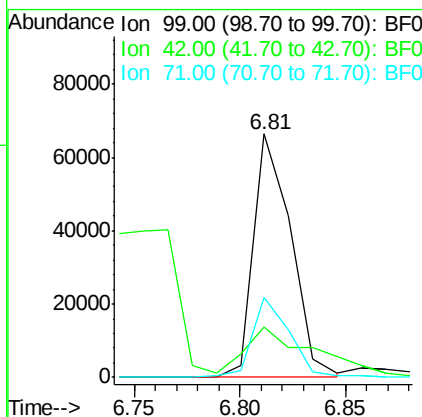
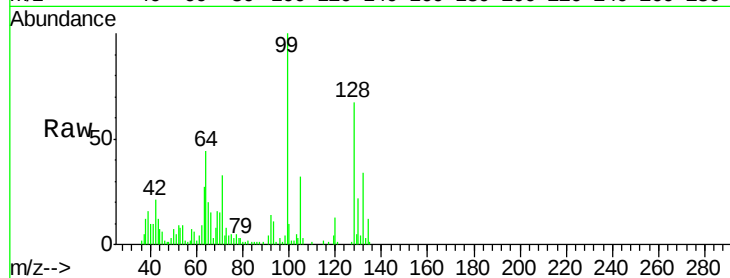
ClientSampleId :

SYSDIS-092315

Tgt Ion:	99	Resp:	82395
Ion Ratio	Lower	Upper	
99	100		
42	20.5	13.7	20.5#
71	32.7	14.2	21.2#

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#8

2-Chlorophenol

Concen: 9.74 ng

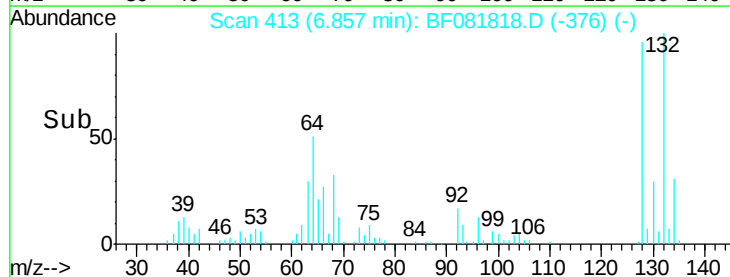
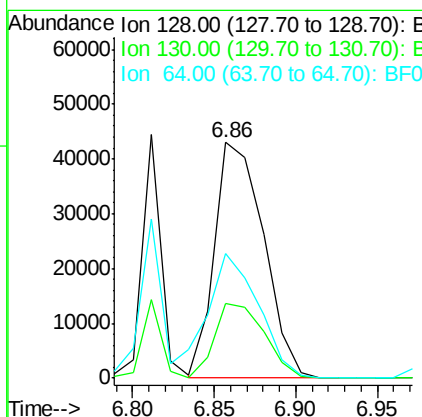
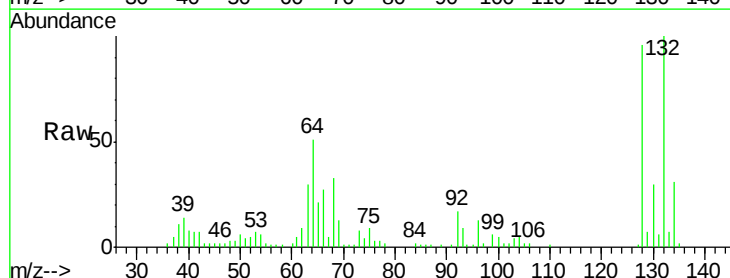
RT: 6.86 min Scan# 413

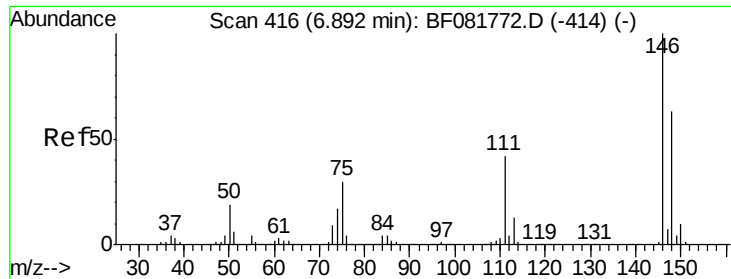
Delta R.T. 0.13 min

Lab File: BF081818.D

Acq: 25 Sep 2015 22:58

Tgt Ion:	128	Resp:	89793
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.2	52.2
64	53.0	20.5	60.5





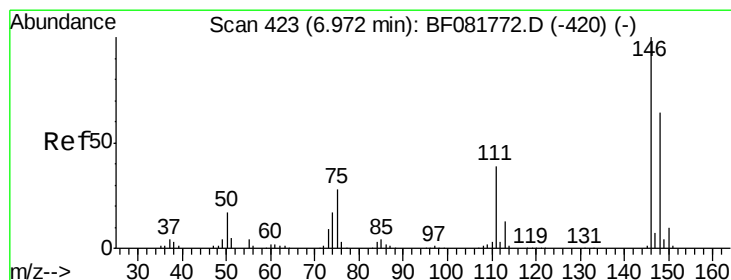
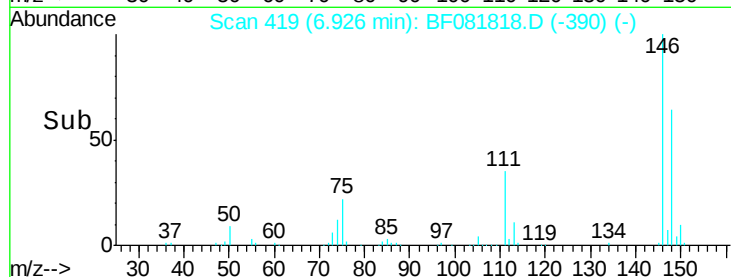
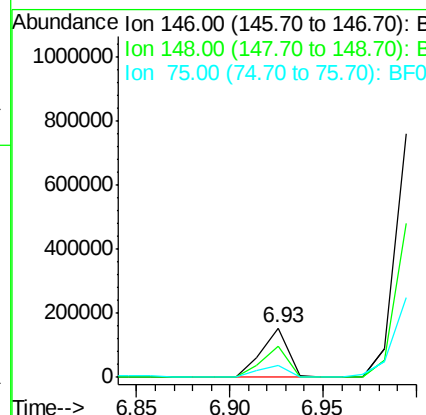
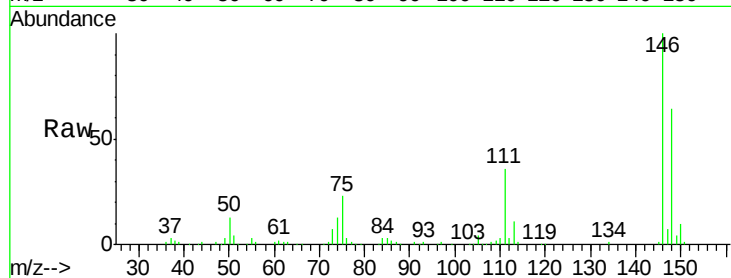
#12
 1,3-Dichlorobenzene
 Concen: 13.78 ng
 RT: 6.93 min Scan# 419
 Delta R.T. 0.03 min
 Lab File: BF081818.D
 Acq: 25 Sep 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-092315

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
75	23.1	15.0	22.6

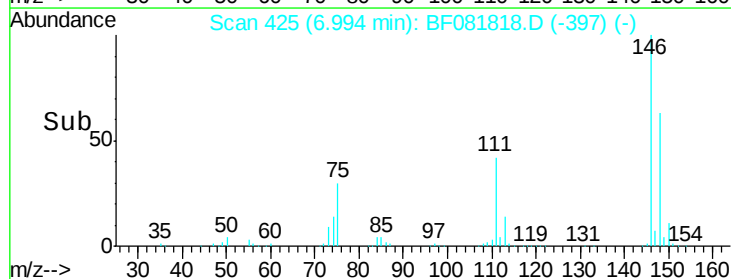
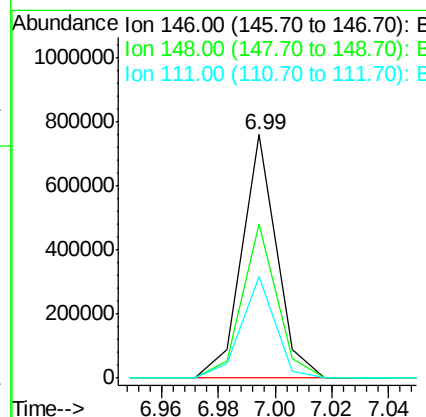
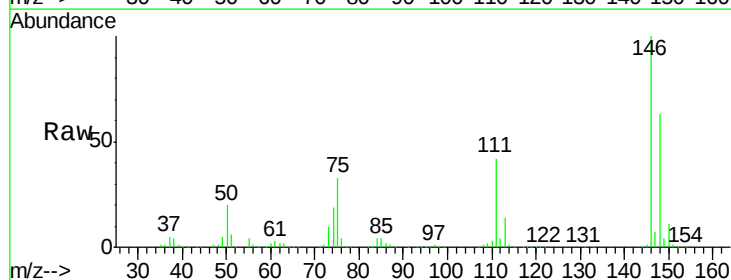
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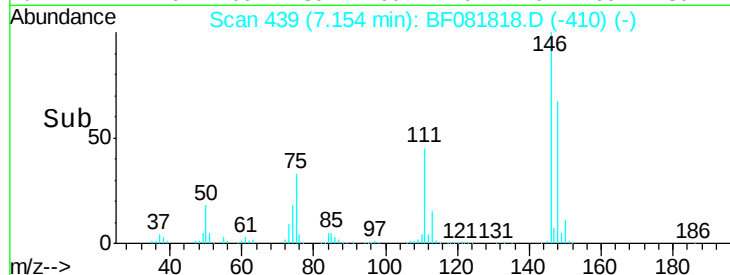
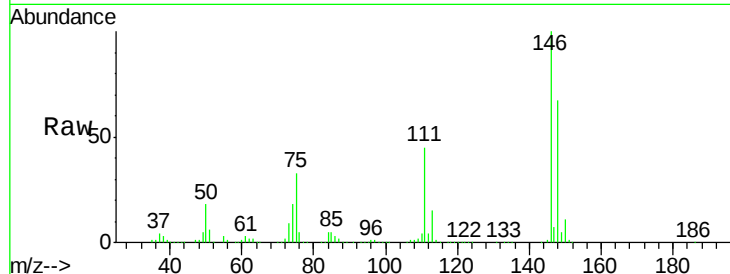
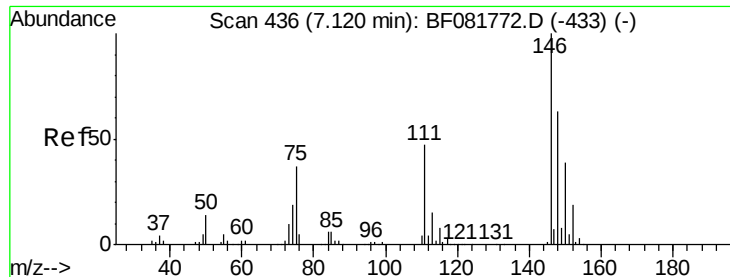
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#13
 1,4-Dichlorobenzene
 Concen: 58.12 ng m
 RT: 6.99 min Scan# 425
 Delta R.T. 0.02 min
 Lab File: BF081818.D
 Acq: 25 Sep 2015 22:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	41.7	24.9	37.3





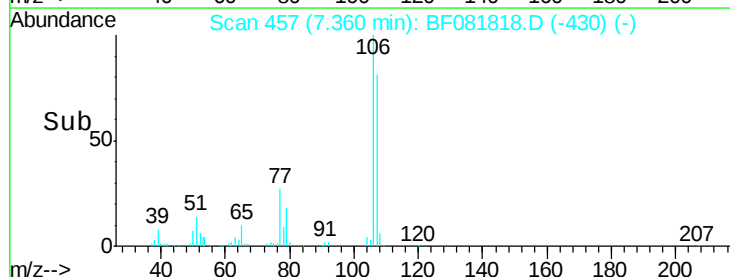
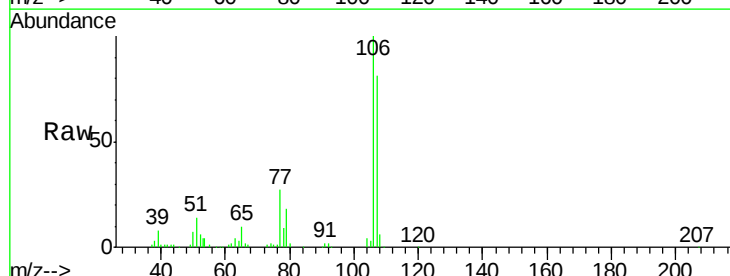
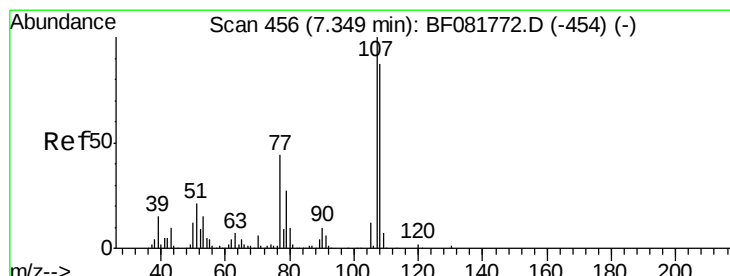
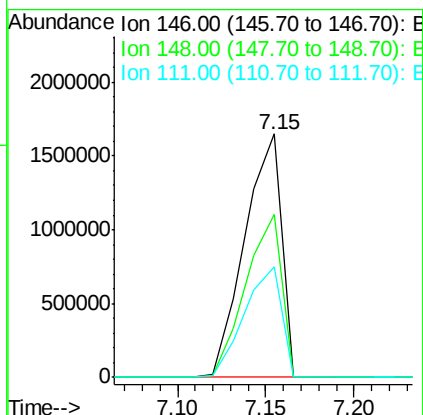
#14
1,2-Dichlorobenzene
Concen: 232.61 ng m
RT: 7.15 min Scan# 439
Delta R.T. 0.03 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:146 Resp: 2390051
Ion Ratio Lower Upper
146 100
148 67.0 52.7 79.1
111 45.3 28.8 43.2#

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

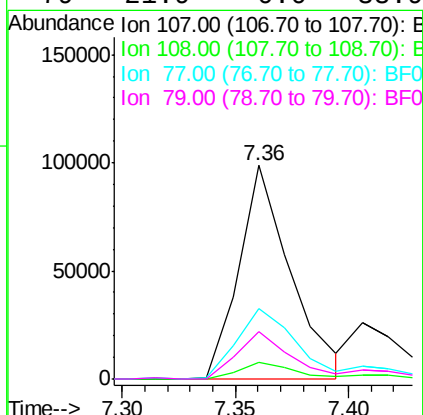
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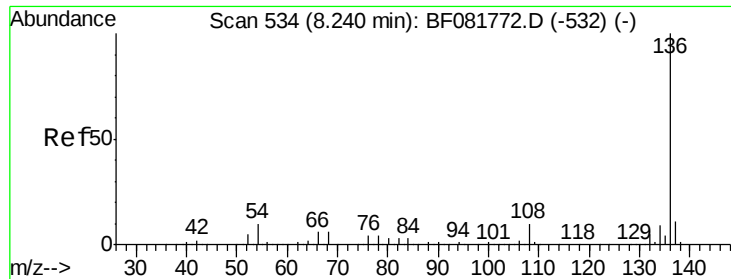
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#20
3+4-Methylphenols
Concen: 16.23 ng m
RT: 7.36 min Scan# 457
Delta R.T. 0.01 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:107 Resp: 158868
Ion Ratio Lower Upper
107 100
108 8.0 74.6 114.6#
77 33.1 0.7 40.7
79 21.9 0.0 38.9





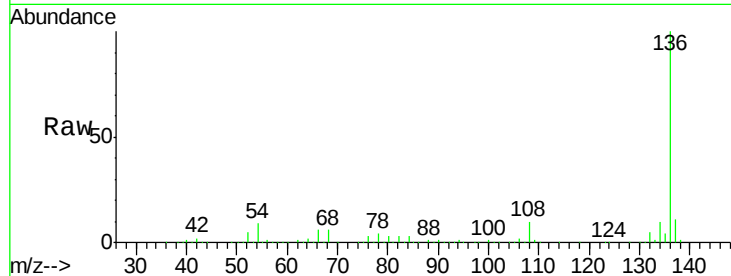
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

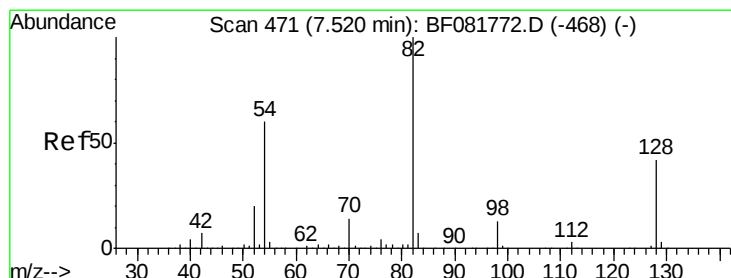
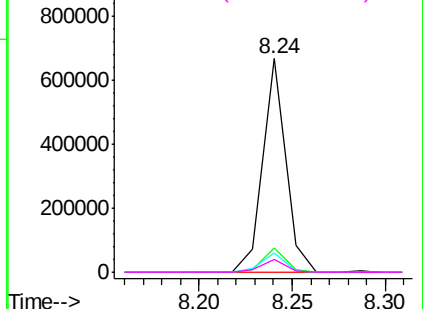
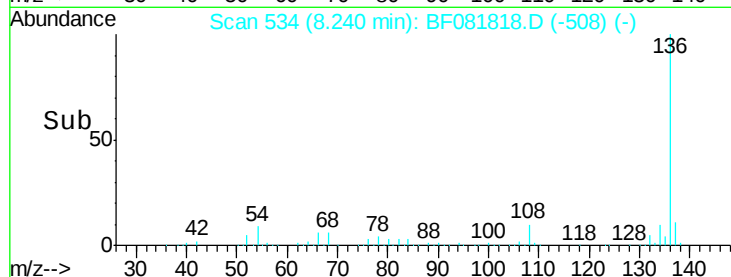
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	568725		
137	11.4	9.0	13.6	
54	8.9	8.2	12.2	
68	5.9	5.8	8.6	

Manual Integrations
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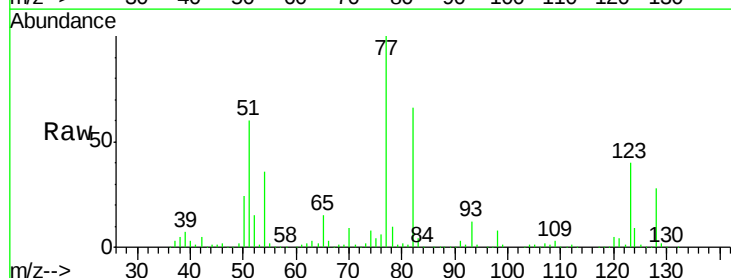


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

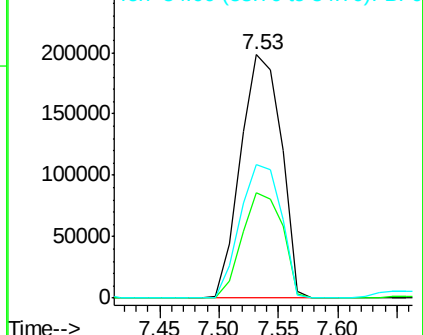
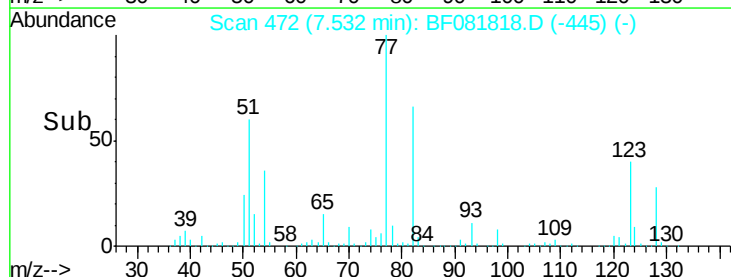


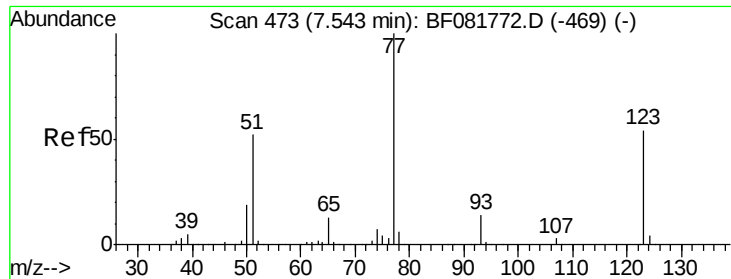
#23
Nitrobenzene-d5
Concen: 54.95 ng
RT: 7.53 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	473660		
128	43.3	51.0	76.6#	
54	55.0	47.5	71.3	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





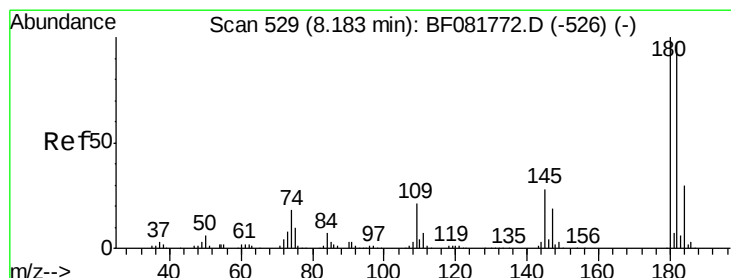
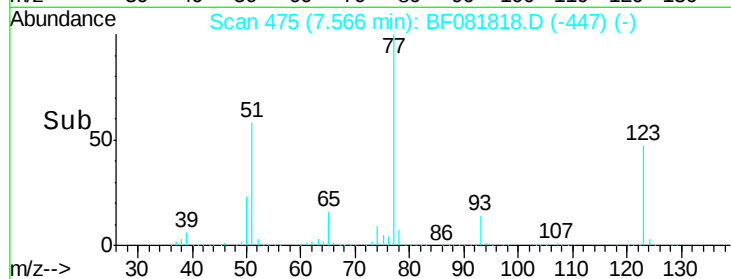
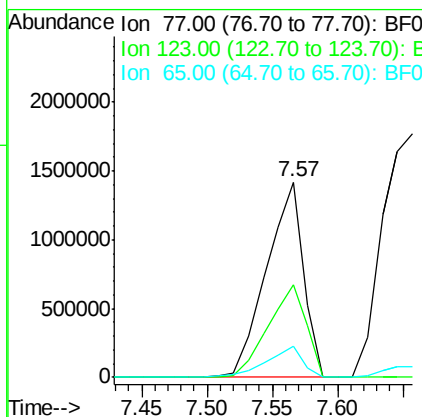
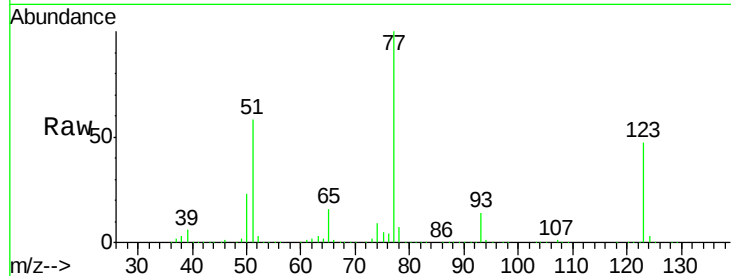
#24
 Nitrobenzene
 Concen: 293.35 ng
 RT: 7.57 min Scan# 475
 Delta R.T. 0.02 min
 Lab File: BF081818.D
 Acq: 25 Sep 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-092315

Tgt Ion: 77 Resp: 2821014
 Ion Ratio Lower Upper
 77 100
 123 47.5 59.8 89.8#
 65 15.7 10.2 15.4#

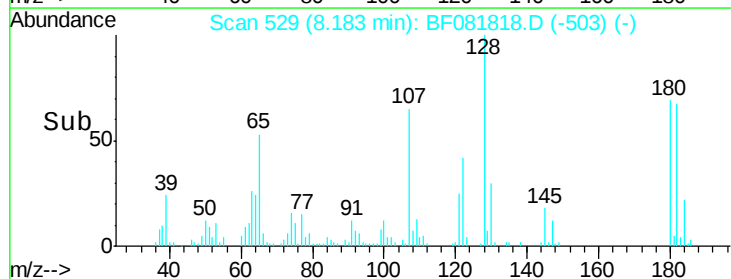
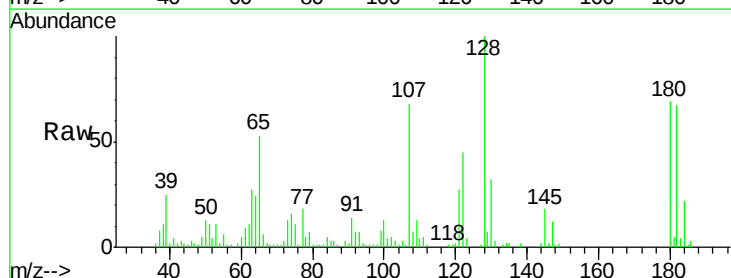
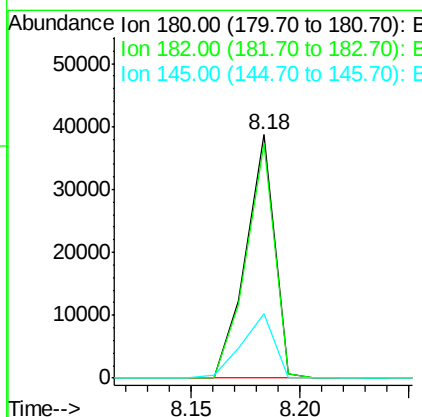
Manual Integrations
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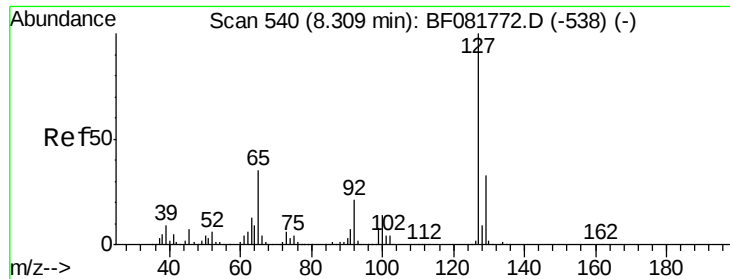
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#30
 1,2,4-Trichlorobenzene
 Concen: 3.90 ng
 RT: 8.18 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF081818.D
 Acq: 25 Sep 2015 22:58

Tgt Ion: 180 Resp: 35337
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.1 115.7
 145 26.6 23.3 34.9





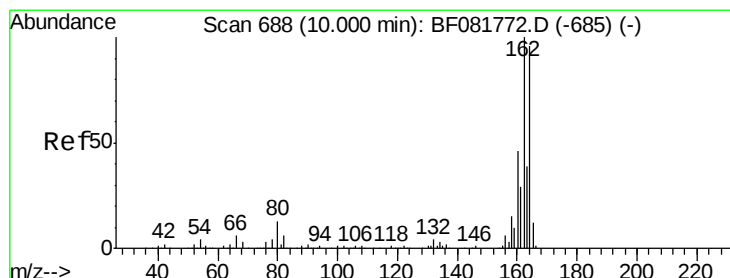
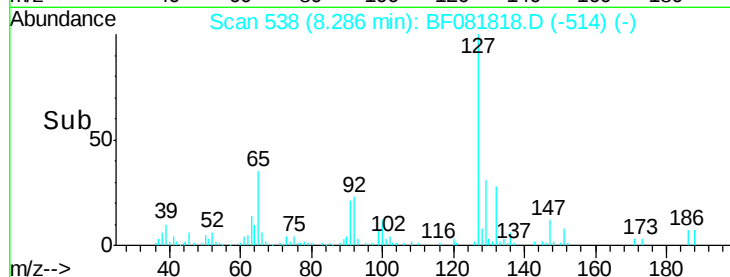
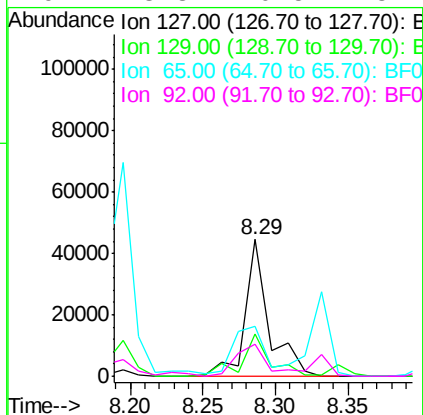
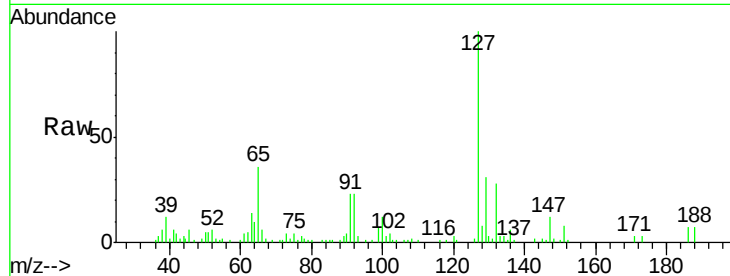
#33
4-Chloroaniline
Concen: 4.38 ng
RT: 8.29 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.6
65	36.2	17.9	26.9
92	23.3	10.5	15.7

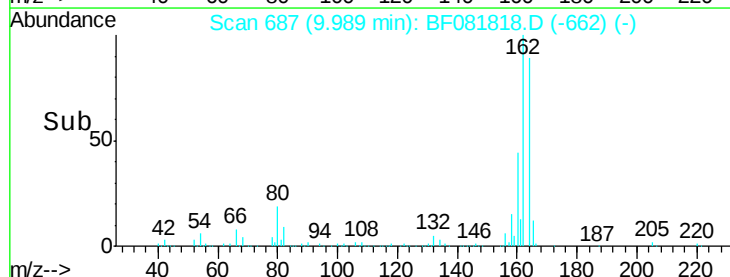
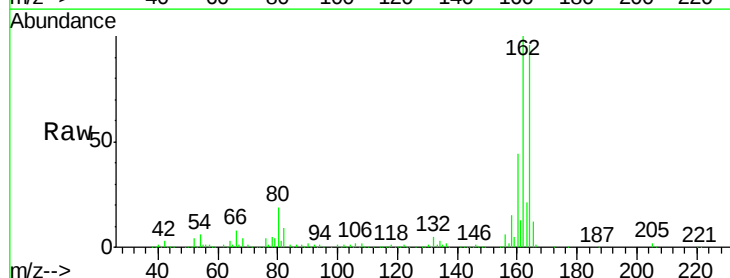
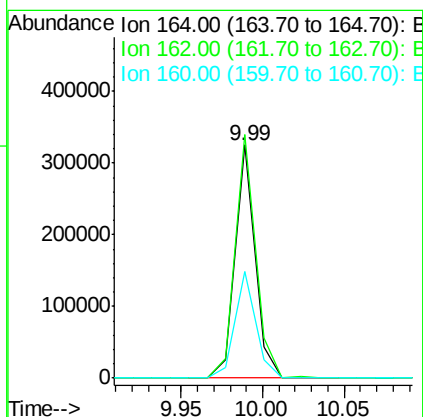
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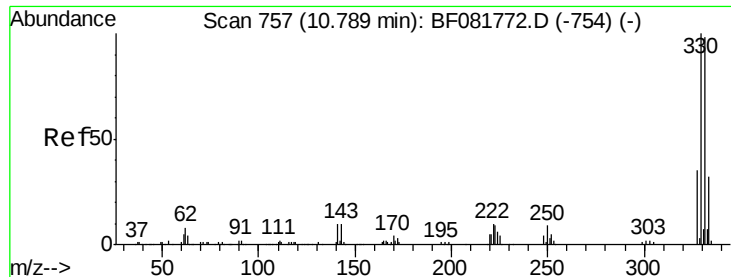
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	75.2	112.8
160	45.6	31.5	47.3





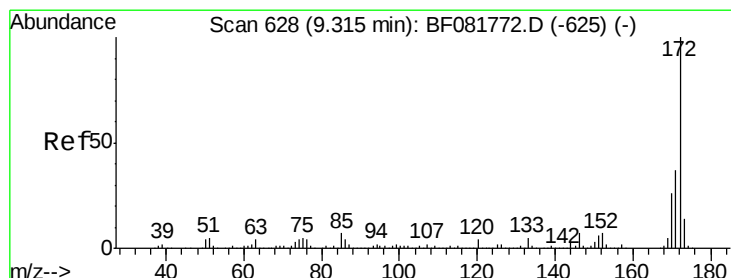
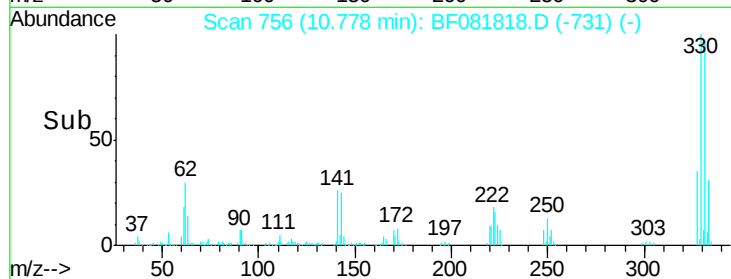
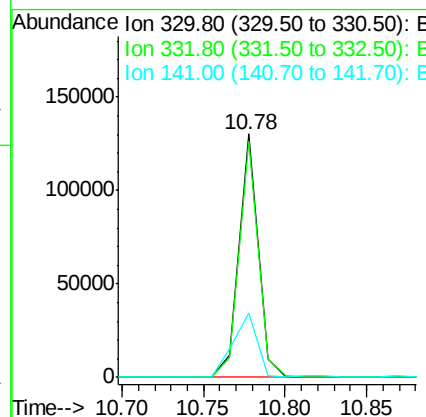
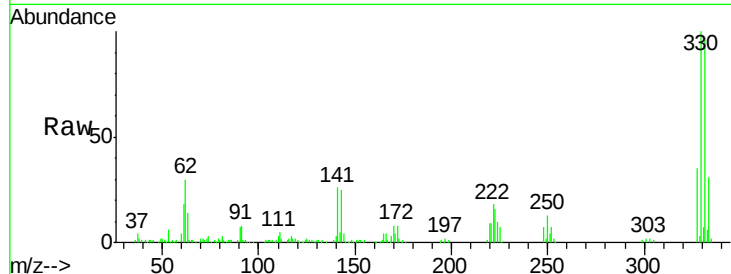
#41
 2,4,6-Tribromophenol
 Concen: 44.53 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081818.D
 Acq: 25 Sep 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-092315

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	104904		
332	96.6	76.6	114.8	
141	34.1	29.7	44.5	

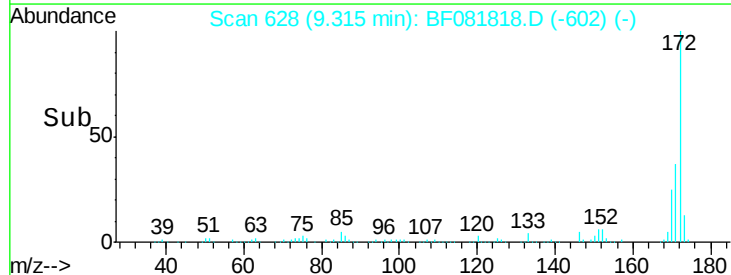
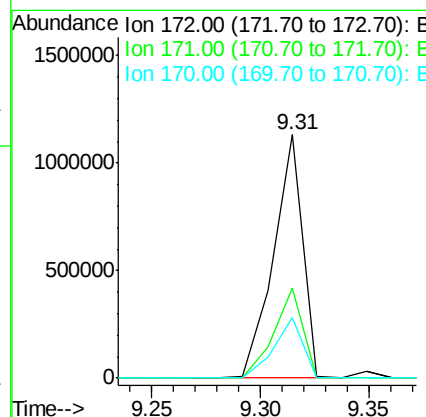
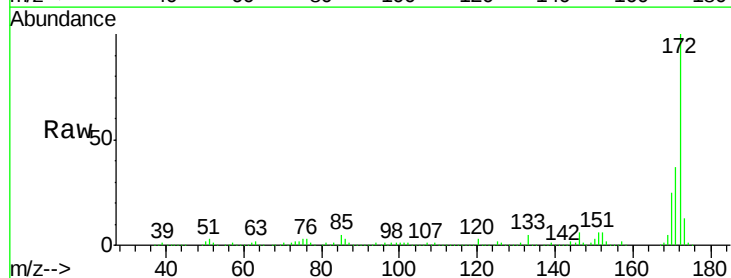
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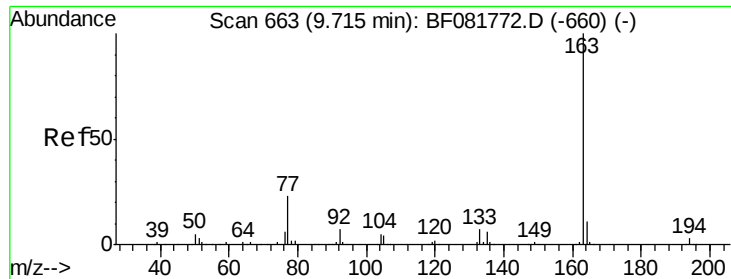
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#44
 2-Fluorobiphenyl
 Concen: 64.85 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF081818.D
 Acq: 25 Sep 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1072093		
171	36.9	26.1	39.1	
170	24.9	17.4	26.2	





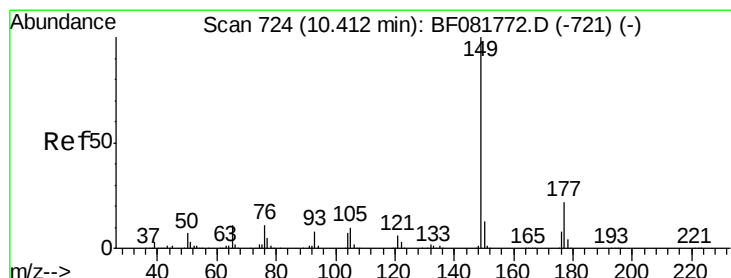
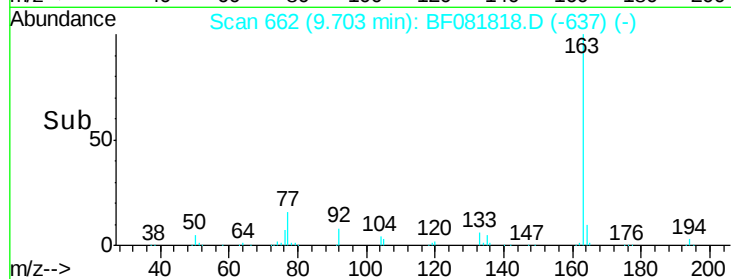
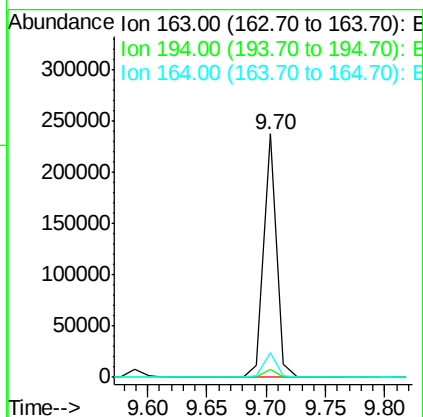
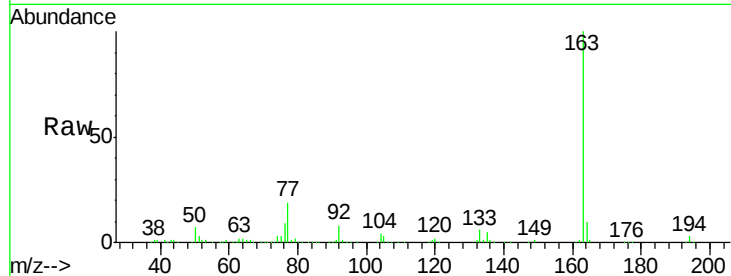
#49
Dimethylphthalate
Concen: 8.77 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	4.4	6.6#
164	10.0	8.3	12.5

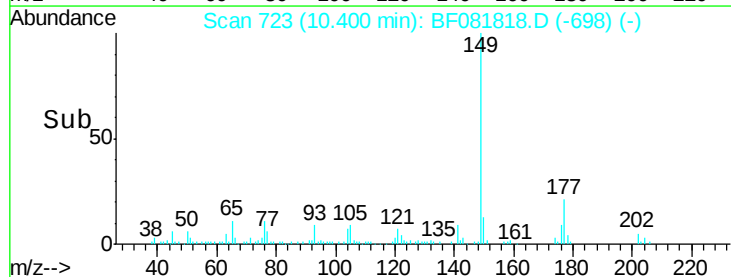
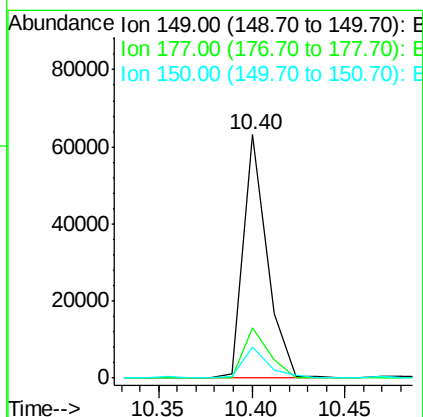
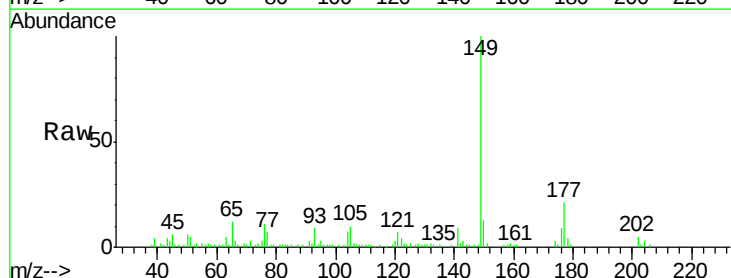
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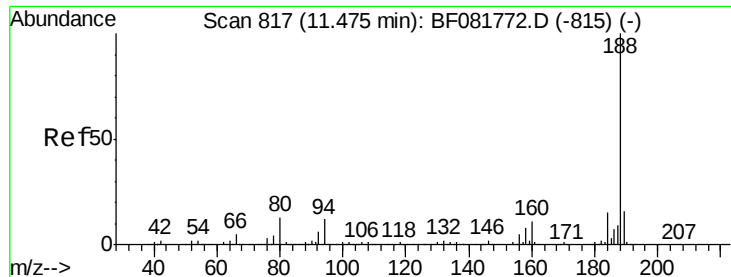
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#59
Diethylphthalate
Concen: 2.81 ng
RT: 10.40 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.7	17.5	26.3
150	12.9	9.4	14.2





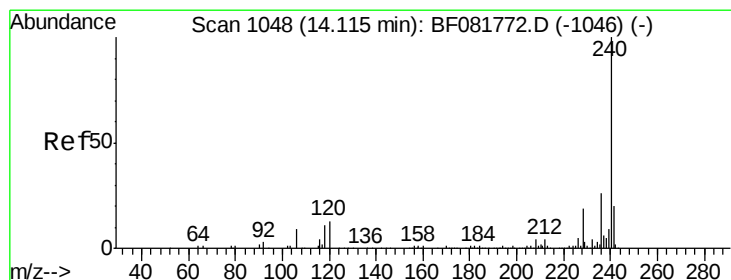
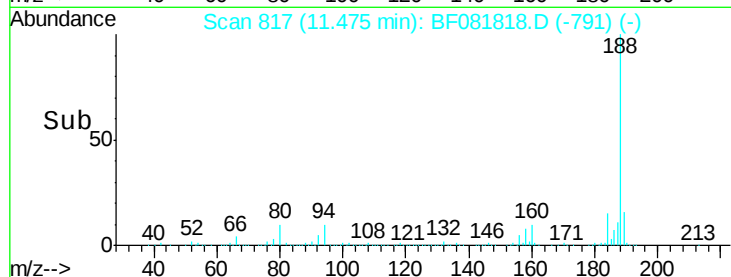
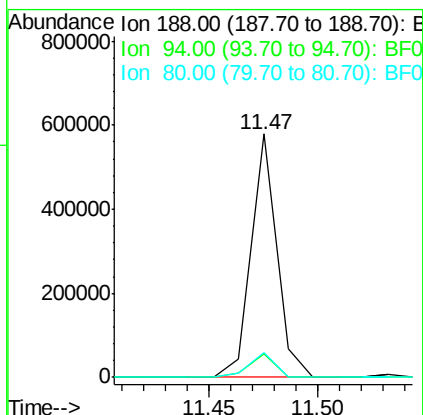
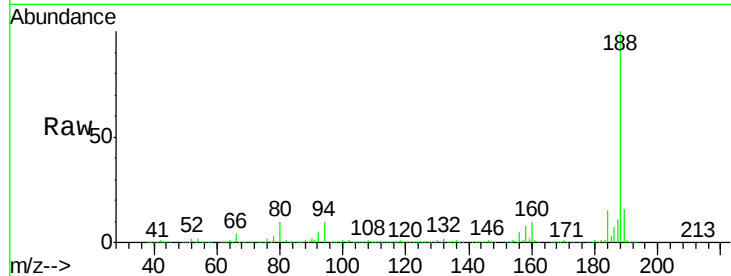
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	11.1	16.7#
80	10.2	11.0	16.4#

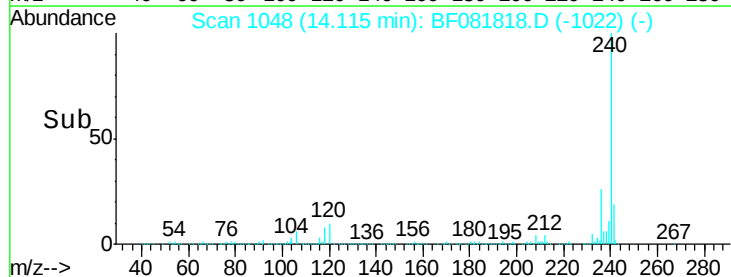
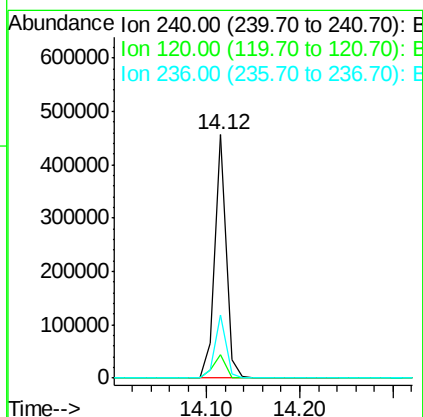
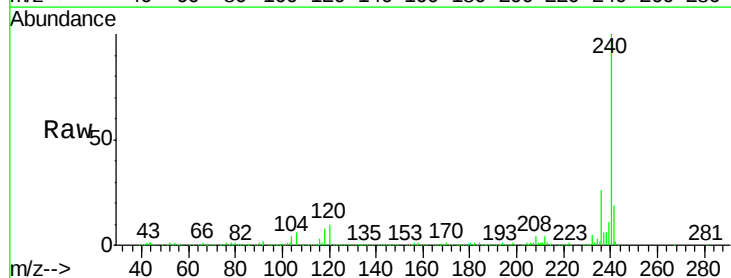
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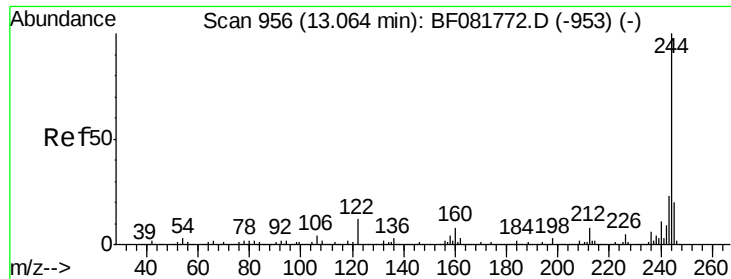
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.7	16.2	24.2#
236	26.0	18.4	27.6





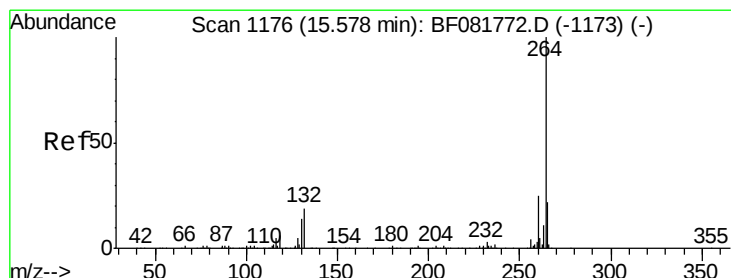
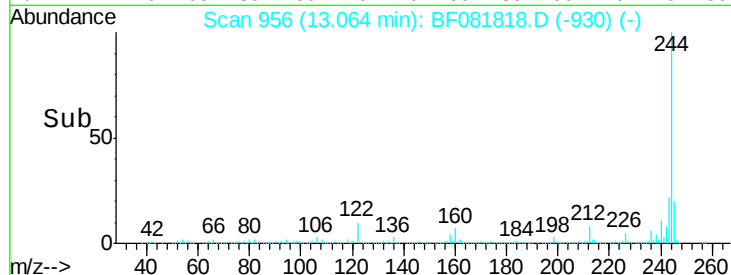
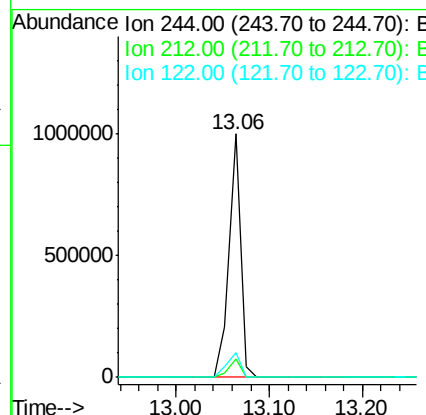
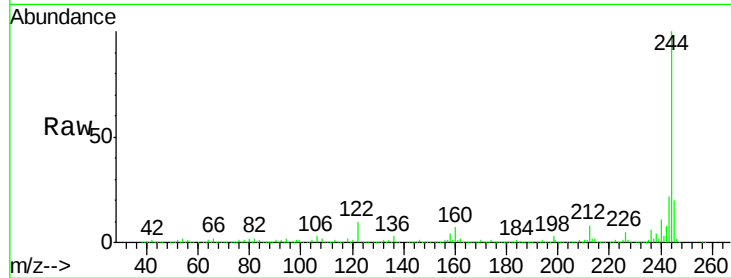
#78
 Terphenyl-d14
 Concen: 50.76 ng
 RT: 13.06 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF081818.D
 Acq: 25 Sep 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-092315

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	862026		
212	7.7	4.3	6.5#	
122	10.0	17.4	26.2#	

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF081818.D
 Acq: 25 Sep 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	359704		
260	24.1	16.7	25.1	
265	21.6	17.2	25.8	

