

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
 Data File : BF077294.D
 Acq On : 12 Feb 2015 21:08
 Operator : TP/IZ
 Sample : G1269-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

Manual Integrations
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 2/13/2015 5:40:22 PM

Quant Time: Feb 13 04:54:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 03:50:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	12749	20.00	ng	0.01
21) Naphthalene-d8	10.41	136	57133	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	28682	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	55553	20.00	ng	0.00
75) Chrysene-d12	20.95	240	55968	20.00	ng	-0.01
86) Perylene-d12	22.60	264	47344	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.53	112	17005	21.91	ng	0.05
7) Phenol-d6	6.98	99	12628	12.51	ng	0.05
23) Nitrobenzene-d5	8.81	82	36480	36.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.31	330	14409	61.61	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	84967	44.59	ng	-0.01
78) Terphenyl-d14	19.69	244	96688	38.80	ng	-0.01
Target Compounds						
6) Aniline	6.83	93	3324	2.49	ng	Qvalue # 87
13) 1,4-Dichlorobenzene	7.54	146	7647	7.25	ng	90
14) 1,2-Dichlorobenzene	7.85	146	140034	140.15	ng	96
30) 1,2,4-Trichlorobenzene	10.33	180	57367	68.53	ng	95
31) Naphthalene	10.45	128	138238	49.02	ng	97
33) 4-Chloroaniline	10.68	127	52066m	45.77	ng	
37) 2-Methylnaphthalene	12.11	142	30854	14.59	ng	97
51) Acenaphthene	14.60	154	6723	4.17	ng	# 85
56) 2,4-Dinitrotoluene	15.22	165	2967m	5.46	ng	
57) Fluorene	15.80	166	8377	4.10	ng	98

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

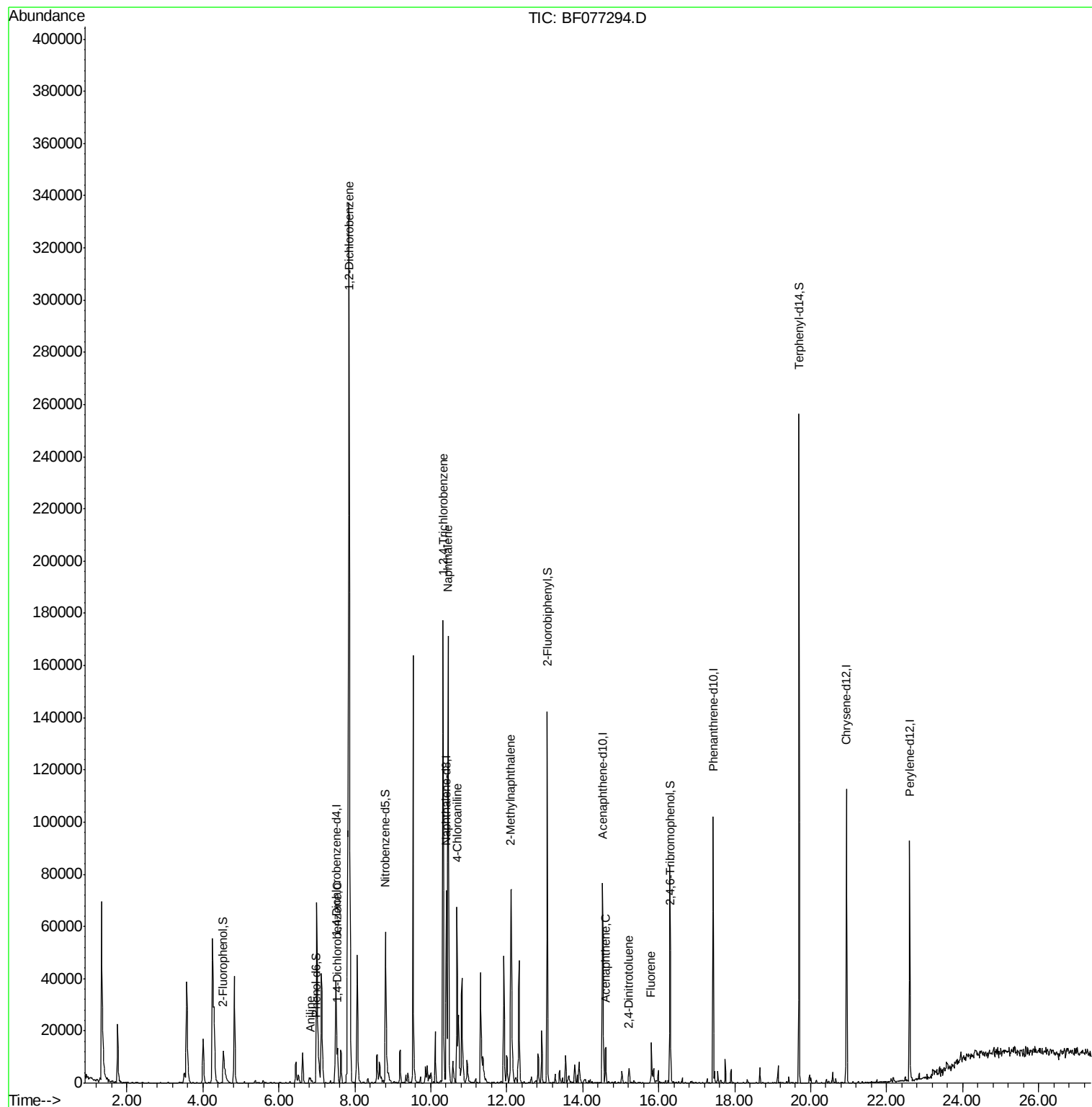
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
Data File : BF077294.D
Acq On : 12 Feb 2015 21:08
Operator : TP/IZ
Sample : G1269-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

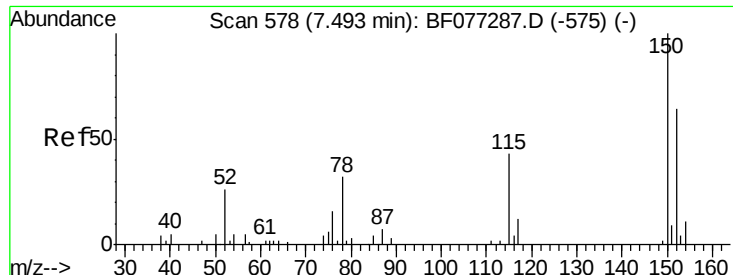
Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL

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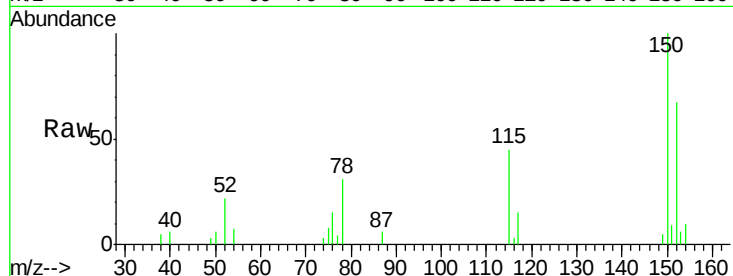
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.50 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	124.9	187.3
115	67.0	54.1	81.1

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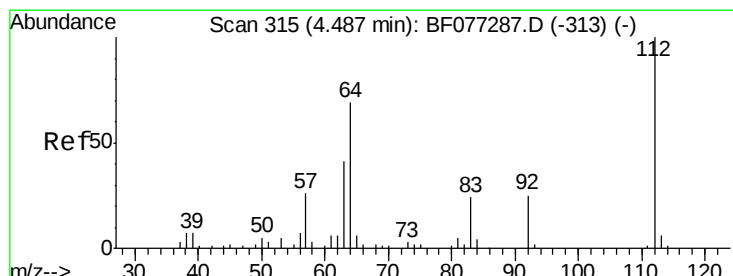
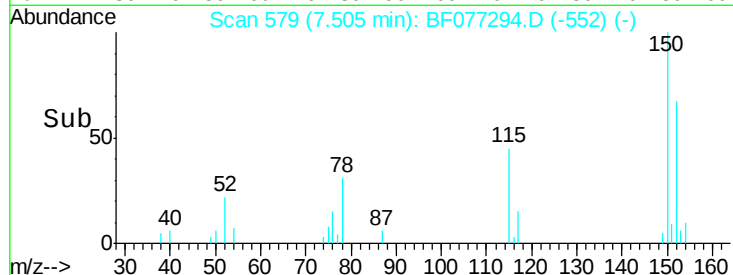
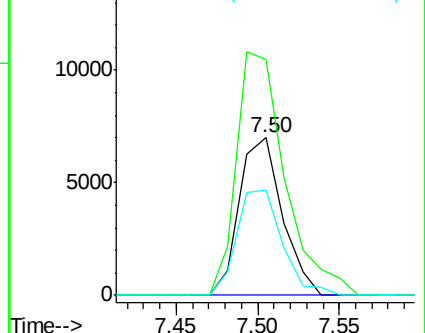


Abundance

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



#5
 2-Fluorophenol
 Concen: 21.91 ng
 RT: 4.53 min Scan# 319
 Delta R.T. 0.05 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

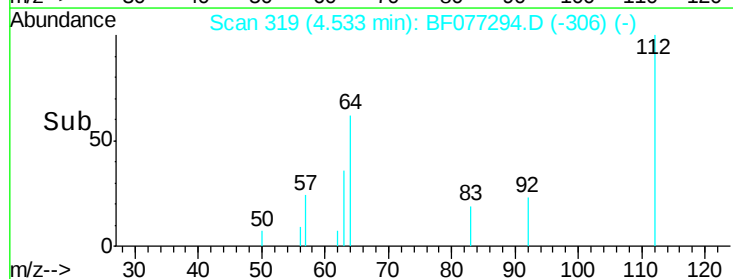
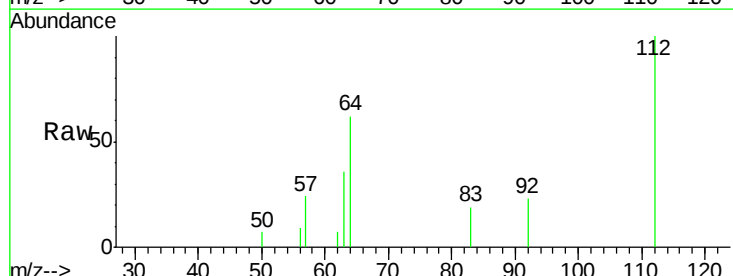
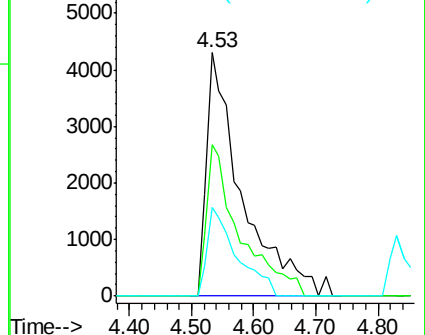
Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	55.0	82.4
63	36.3	33.0	49.6

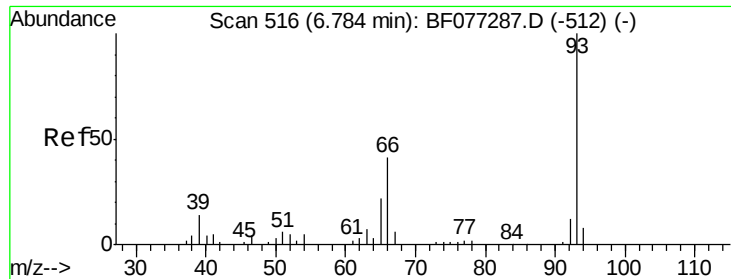
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 2.49 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.05 min

Lab File: BF077294.D

Acq: 12 Feb 2015 21:08

Instrument :

BNA_F

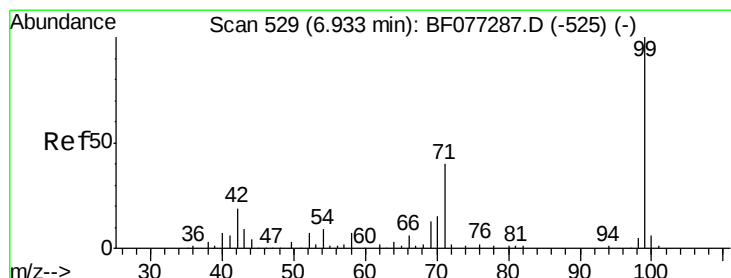
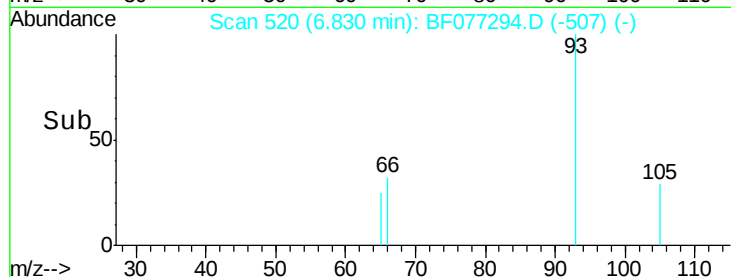
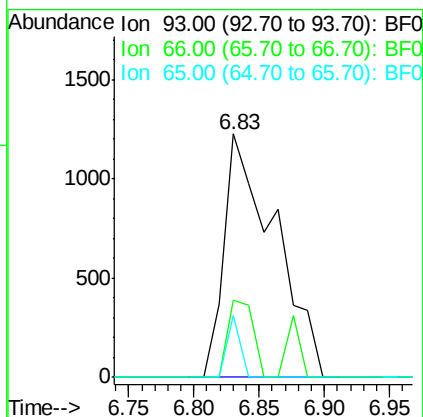
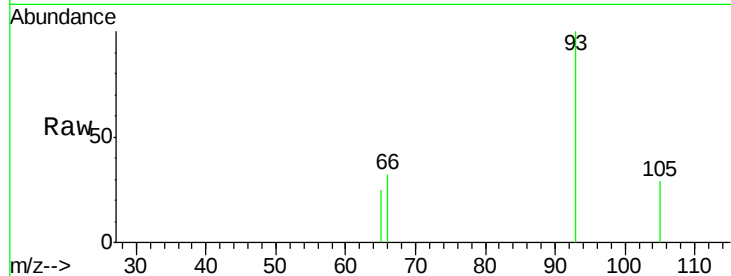
ClientSampleId :

DCW-WW-059-21015DL

Tot Ion:	93	Resp:	3324
Ion	Ratio	Lower	Upper
93	100		
66	31.6	33.1	49.7#
65	25.4	17.2	25.8

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#7

Phenol-d6

Concen: 12.51 ng

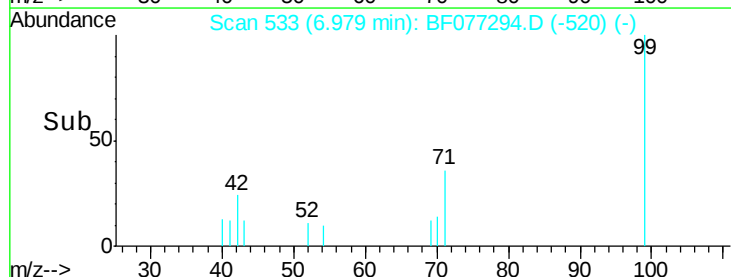
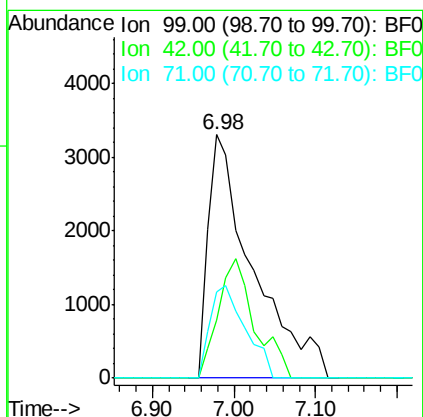
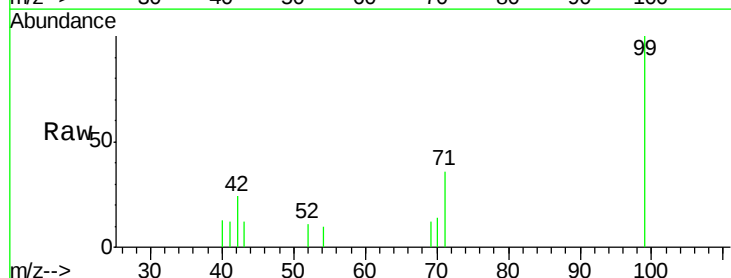
RT: 6.98 min Scan# 533

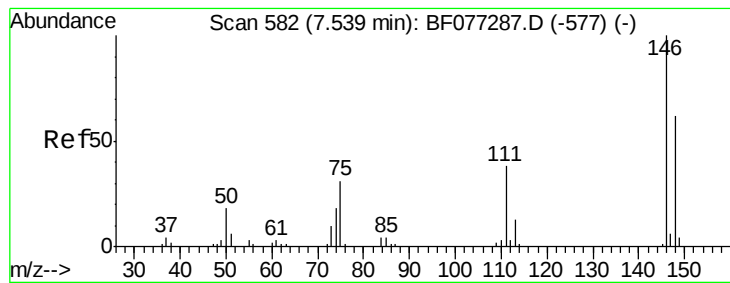
Delta R.T. 0.05 min

Lab File: BF077294.D

Acq: 12 Feb 2015 21:08

Tgt Ion:	99	Resp:	12628
Ion	Ratio	Lower	Upper
99	100		
42	23.9	15.0	22.4#
71	35.6	31.8	47.6





#13

1,4-Dichlorobenzene

Concen: 7.25 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF077294.D

Acq: 12 Feb 2015 21:08

Instrument :

BNA_F

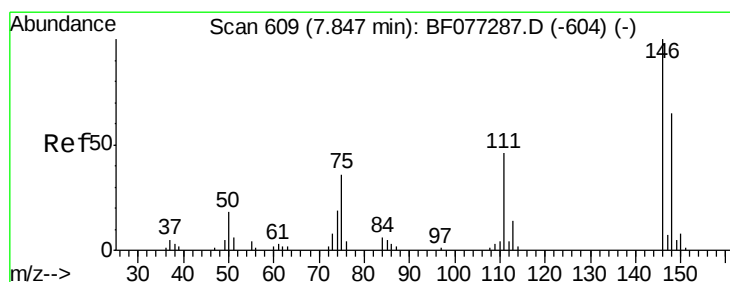
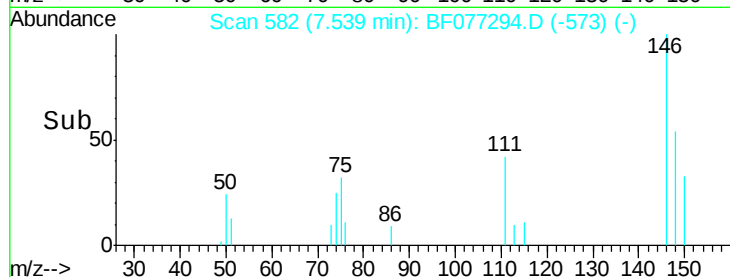
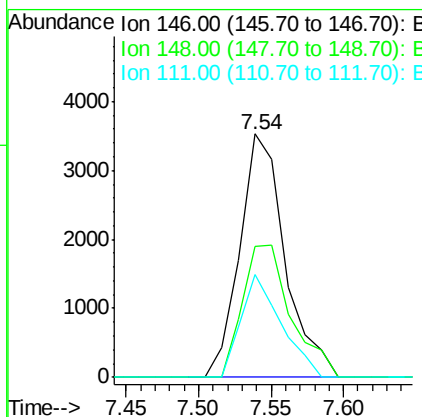
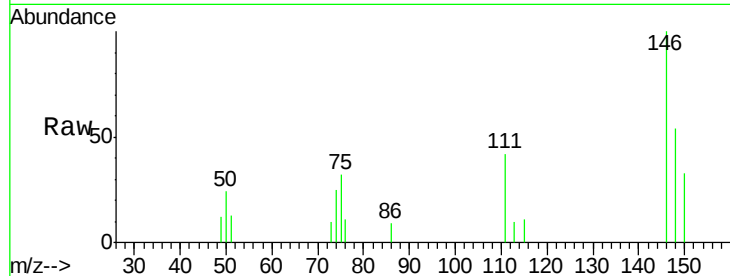
ClientSampleId :

DCW-WW-059-21015DL

Tot Ion:	146	Resp:	7647
Ion Ratio	Lower	Upper	
146	100		
148	53.7	49.8	74.6
111	42.1	30.2	45.2

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#14

1,2-Dichlorobenzene

Concen: 140.15 ng

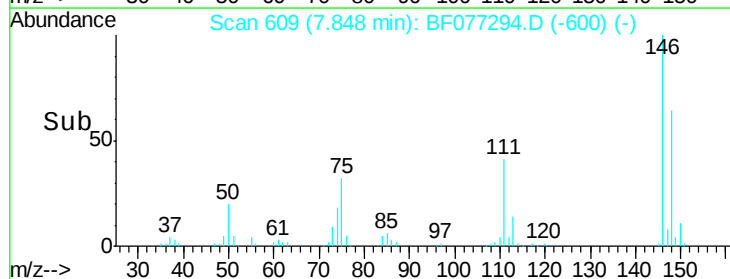
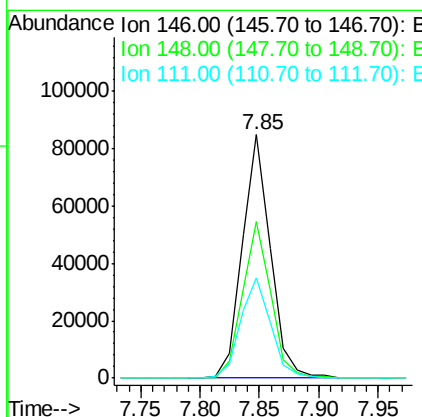
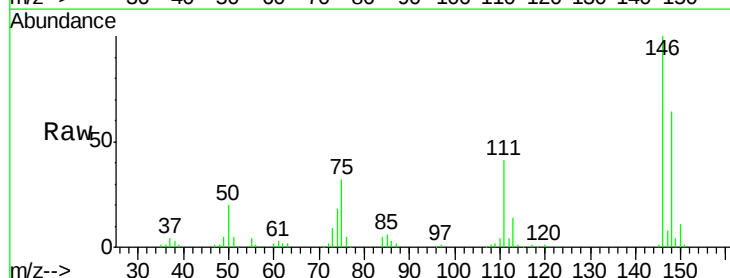
RT: 7.85 min Scan# 609

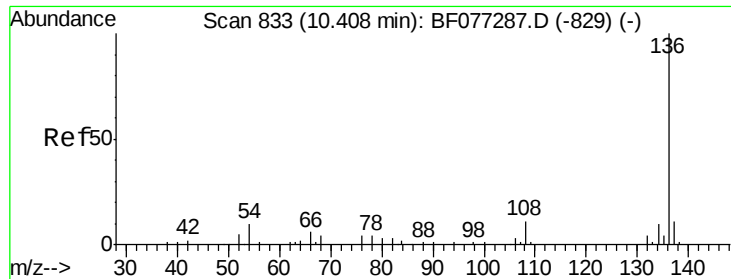
Delta R.T. 0.00 min

Lab File: BF077294.D

Acq: 12 Feb 2015 21:08

Tgt Ion:	146	Resp:	140034
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.0	78.0
111	40.9	37.0	55.4





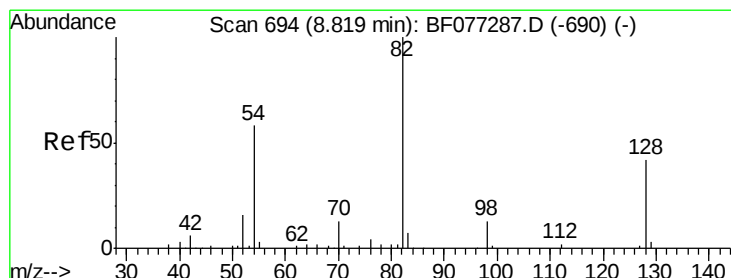
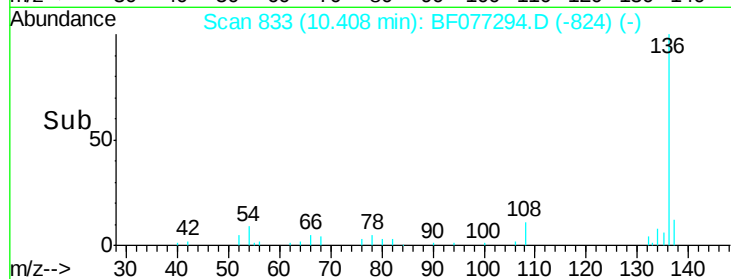
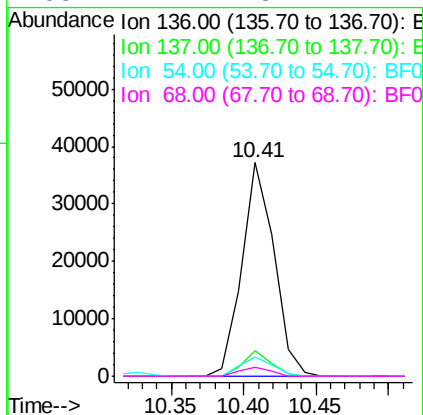
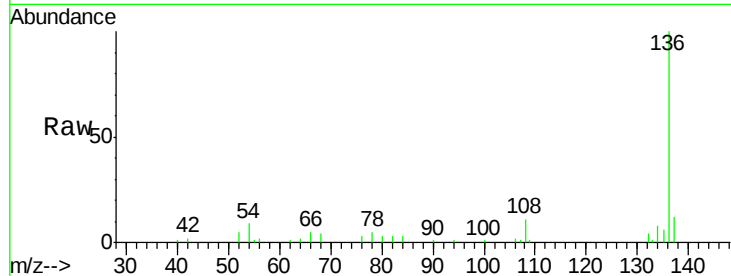
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL

Tot Ion	Ratio	Resp	Lower	Upper
136	100	57133		
137	11.9	8.7	13.1	
54	9.1	8.2	12.2	
68	4.2	3.1	4.7	

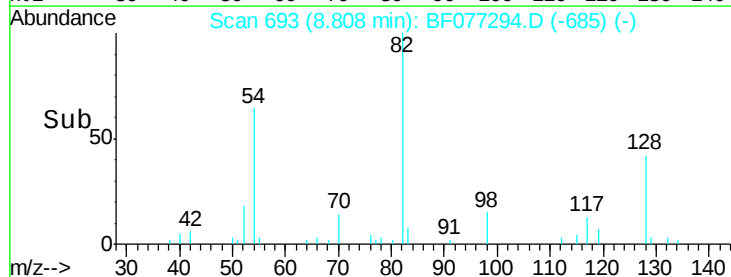
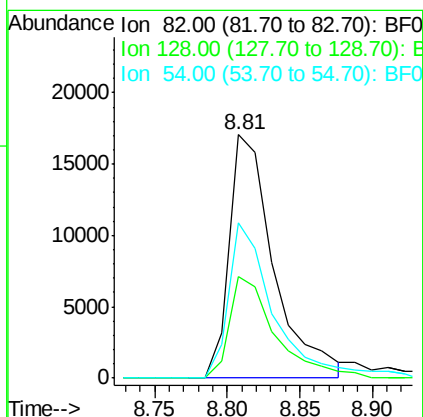
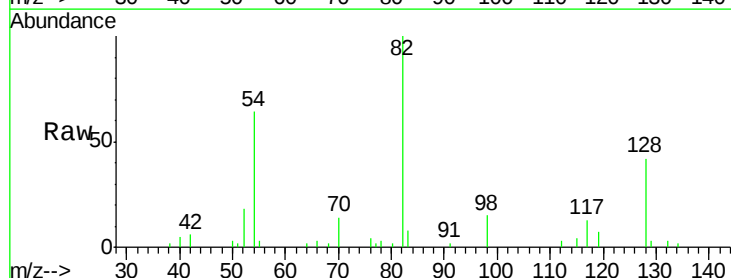
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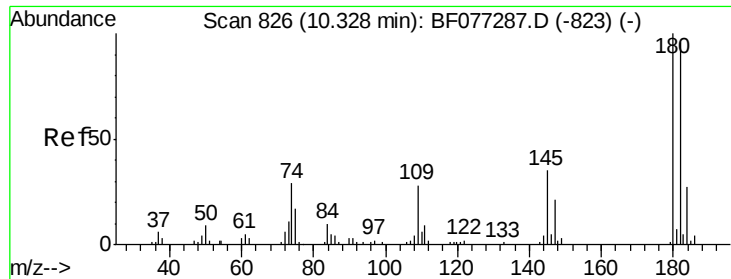
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#23
Nitrobenzene-d5
Concen: 36.47 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	36480		
128	41.6	33.6	50.4	
54	64.0	46.2	69.2	





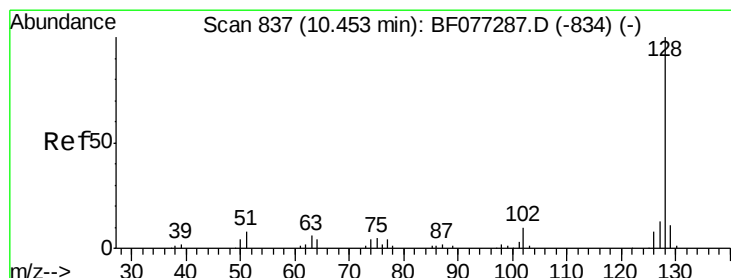
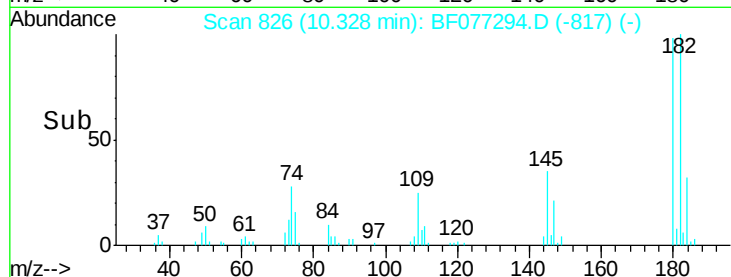
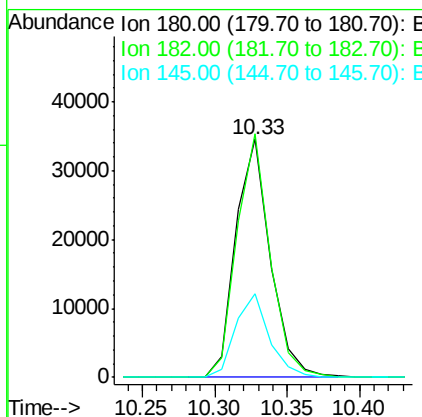
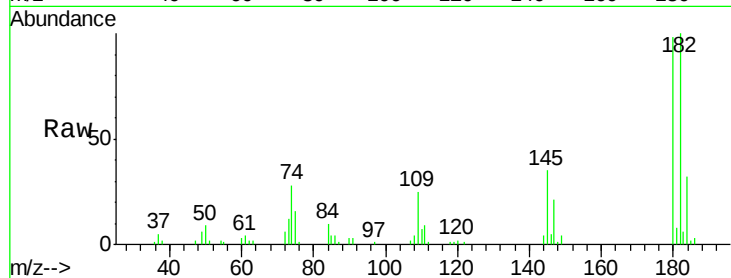
#30
 1,2,4-Trichlorobenzene
 Concen: 68.53 ng
 RT: 10.33 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	102.3	57367	77.0	115.6
145	35.3		27.9	41.9

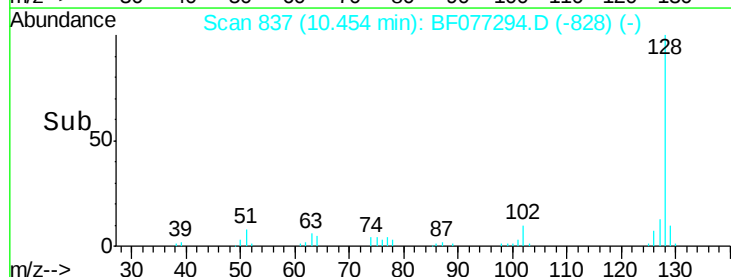
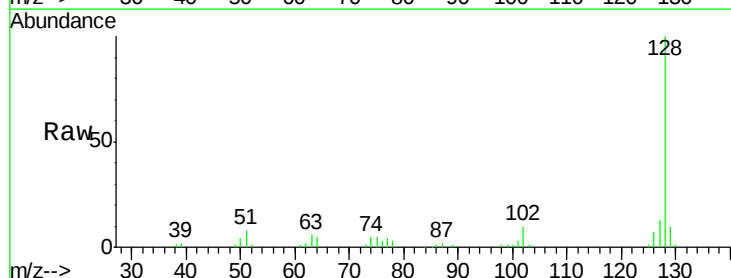
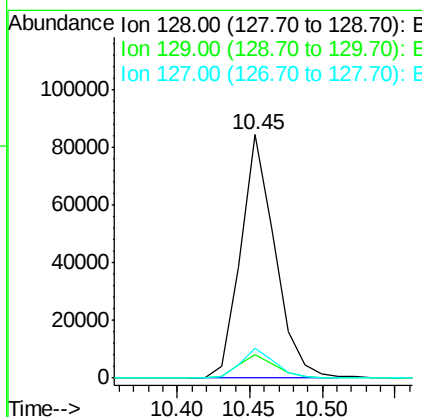
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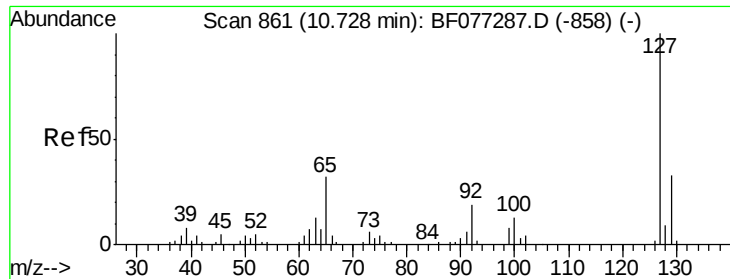
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#31
 Naphthalene
 Concen: 49.02 ng
 RT: 10.45 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	138238		
129	9.8		9.0	13.6
127	12.5		10.4	15.6





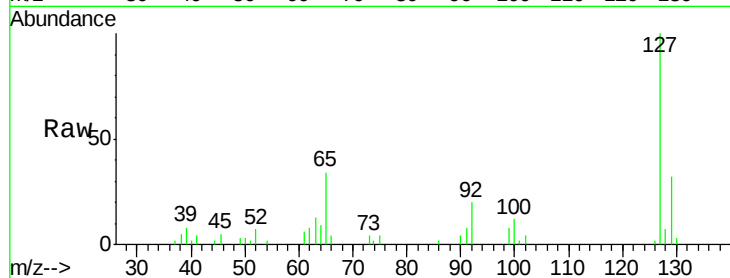
#33
4-Chloroaniline
Concen: 45.77 ng/mL
RT: 10.68 min Scan# 857
Delta R.T. -0.05 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL

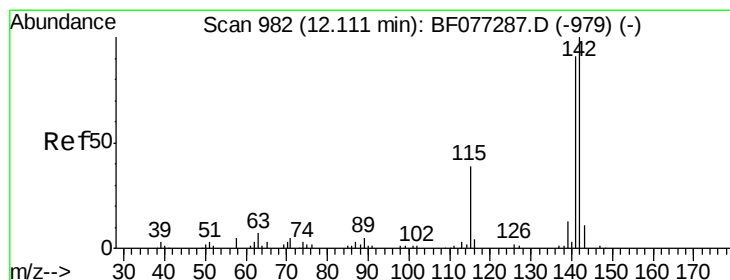
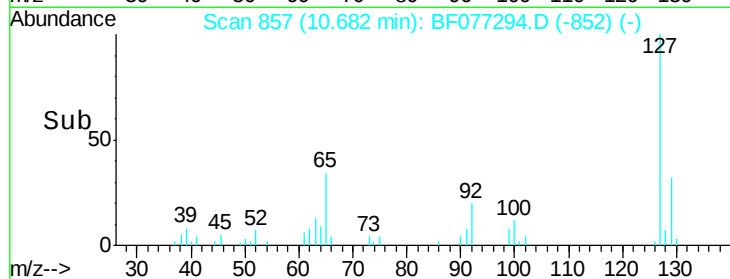
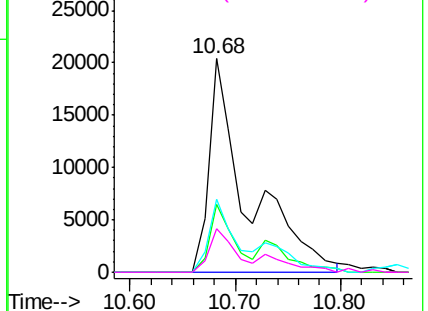
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.0	39.0
65	34.0	25.6	38.4
92	20.3	15.1	22.7

Manual Integrations
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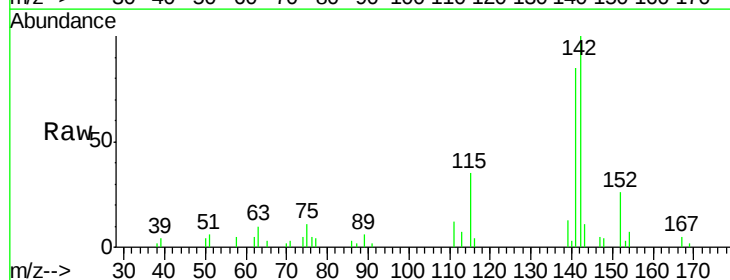


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

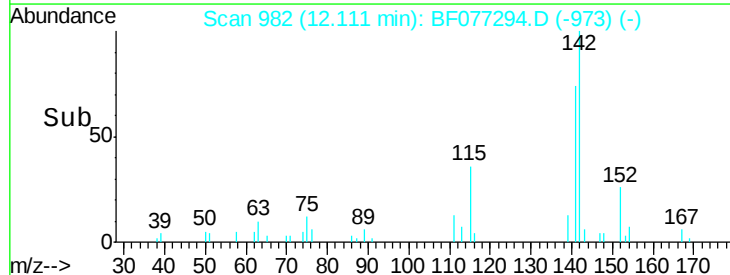
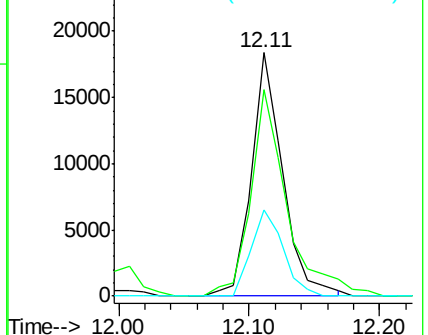


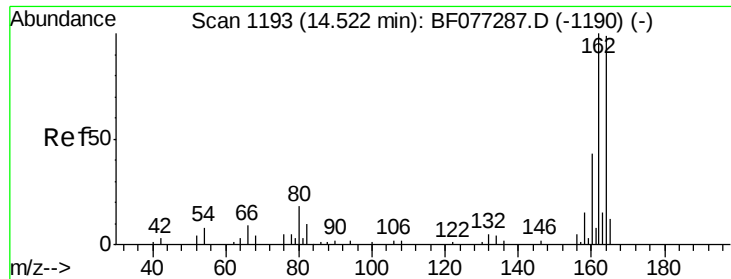
#37
2-Methylnaphthalene
Concen: 14.59 ng/mL
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.8	69.8	104.6
115	35.1	29.5	44.3



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





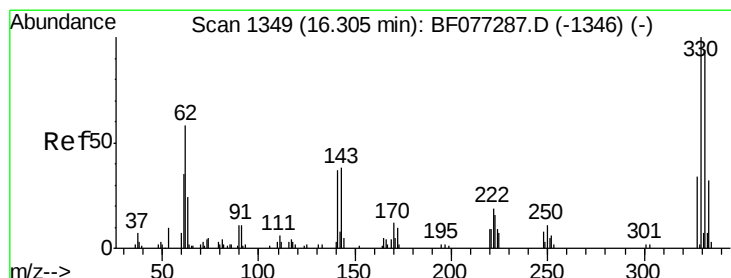
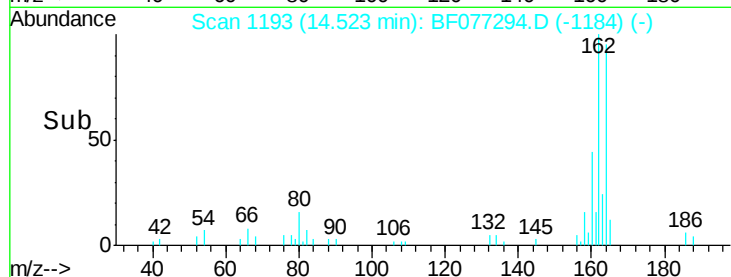
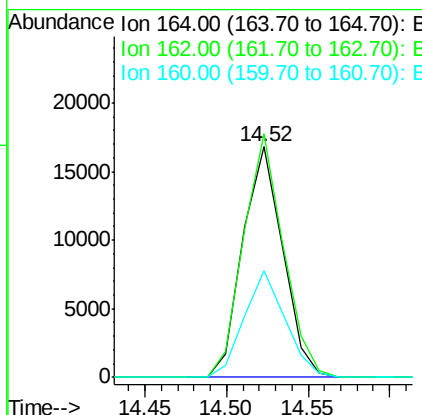
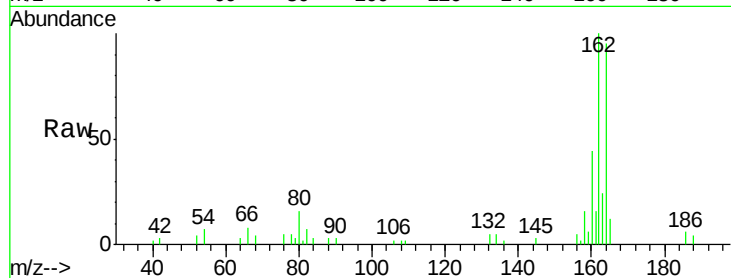
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	81.0	121.4
160	46.3	35.2	52.8

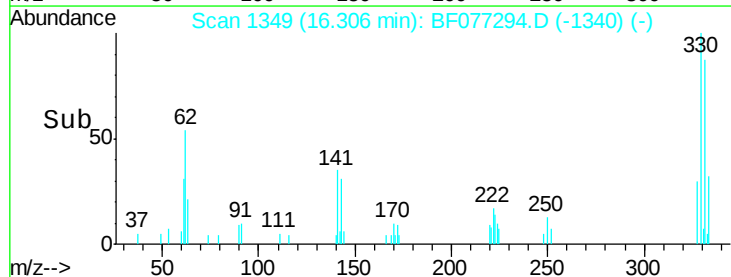
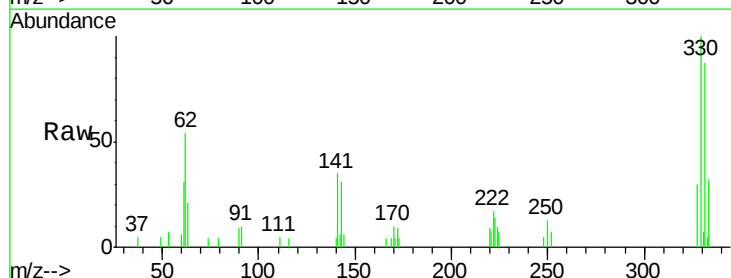
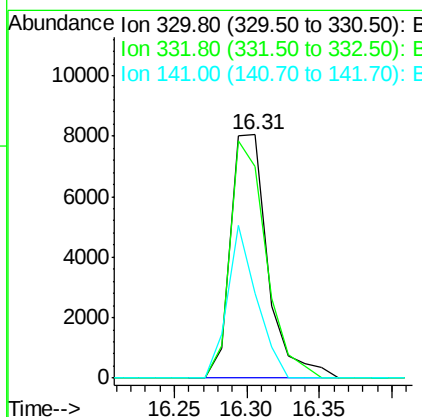
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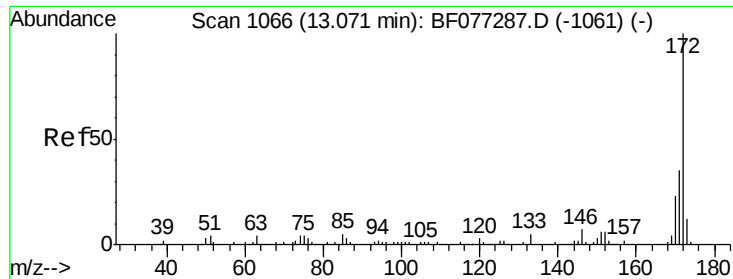
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#41
2,4,6-Tribromophenol
Concen: 61.61 ng
RT: 16.31 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	0.0	0.0#
141	49.2	0.0	0.0#





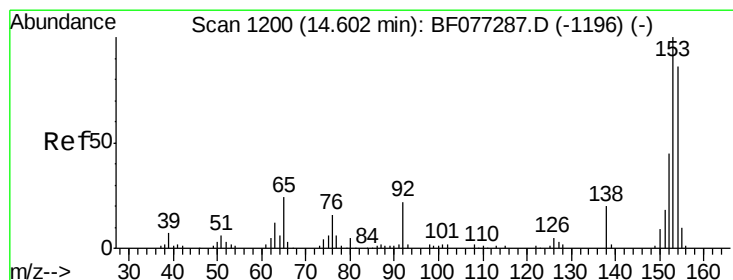
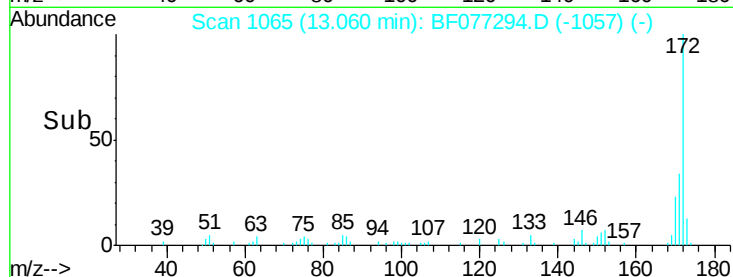
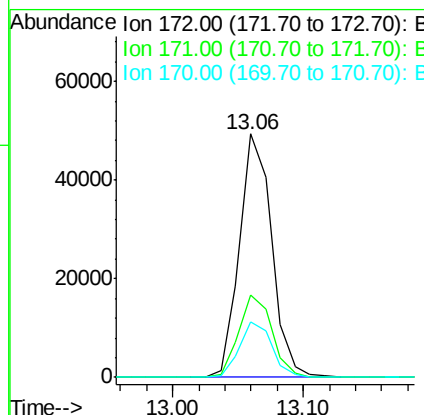
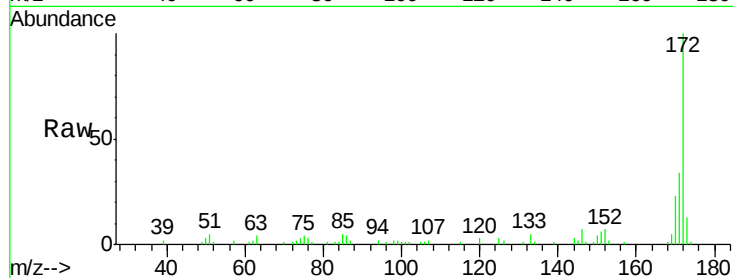
#44
2-Fluorobiphenyl
Concen: 44.59 ng
RT: 13.06 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.8	41.8
170	22.8	18.3	27.5

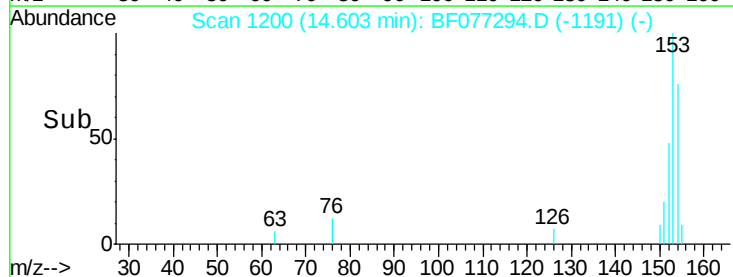
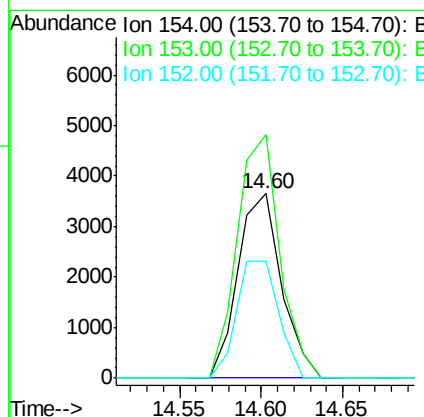
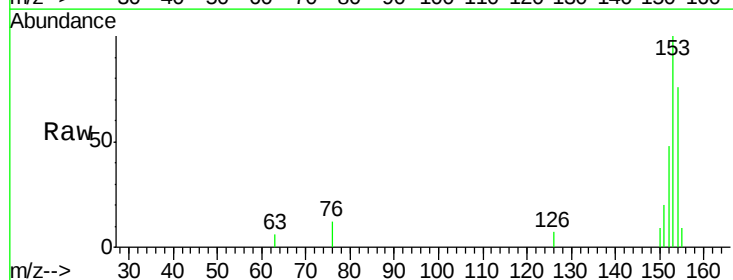
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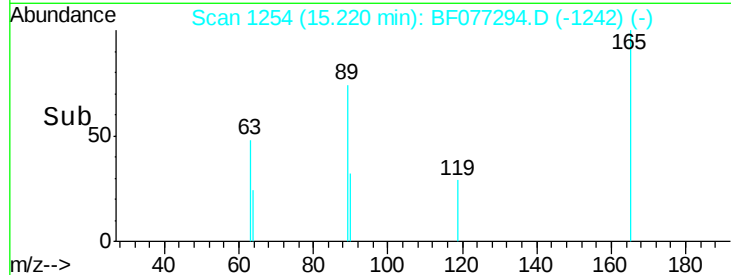
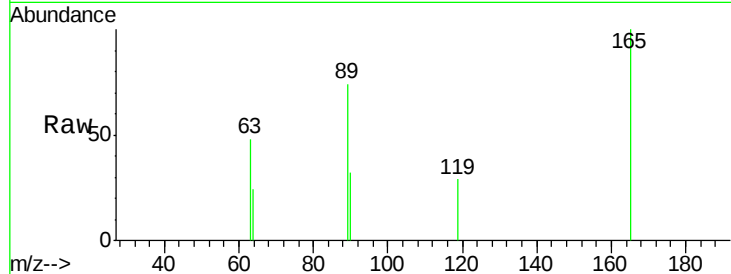
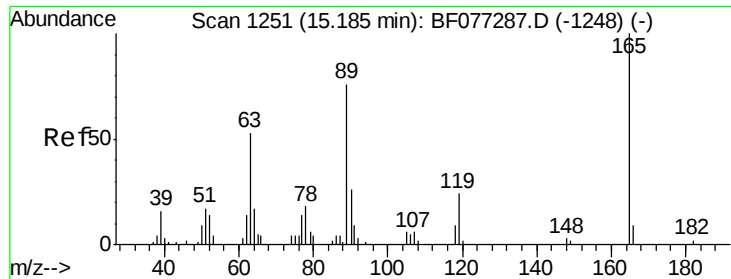
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#51
Acenaphthene
Concen: 4.17 ng
RT: 14.60 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	132.2	92.5	138.7
152	63.4	42.1	63.1#





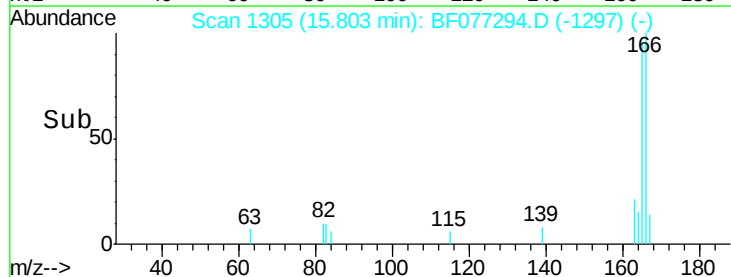
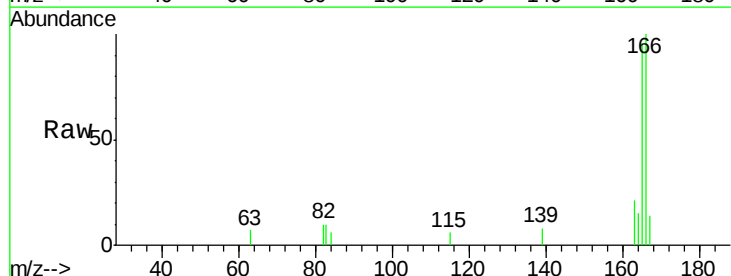
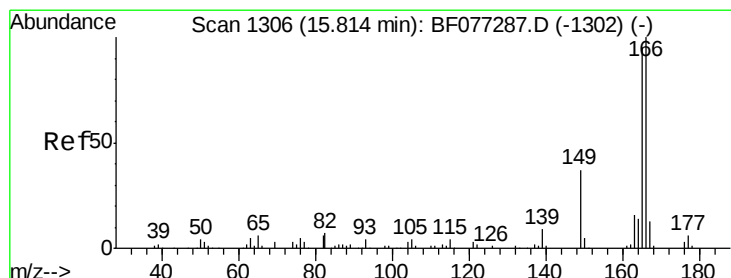
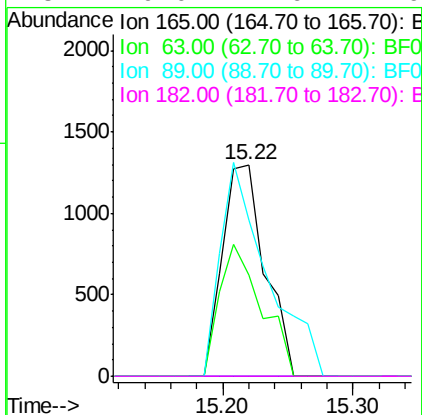
#56
2,4-Dinitrotoluene
Concen: 5.46 ng/mL
RT: 15.22 min Scan# 1254
Delta R.T. 0.03 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Tot Ion:	165	Resp:	2967
Ion Ratio	Lower	Upper	
165	100		
63	47.5	42.4	63.6
89	73.7	61.1	91.7
182	0.0	1.9	2.9#

Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL

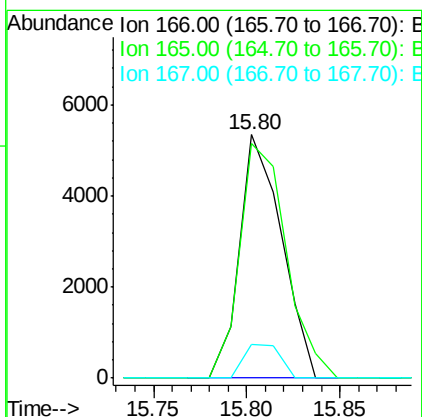
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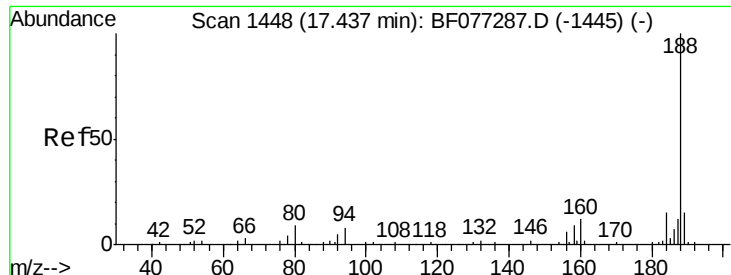
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#57
Fluorene
Concen: 4.10 ng/mL
RT: 15.80 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Tgt Ion:	166	Resp:	8377
Ion Ratio	Lower	Upper	
166	100		
165	96.2	75.9	113.9
167	14.1	10.2	15.4





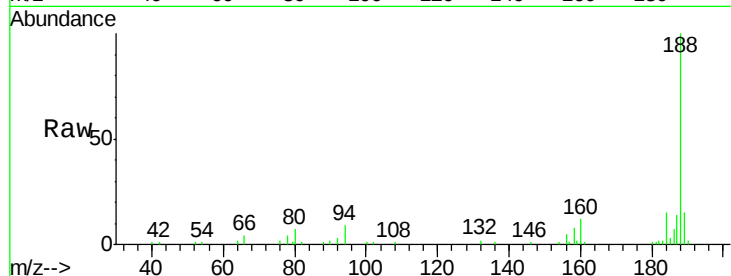
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Instrument :
BNA_F
ClientSampleId :
DCW-WW-059-21015DL

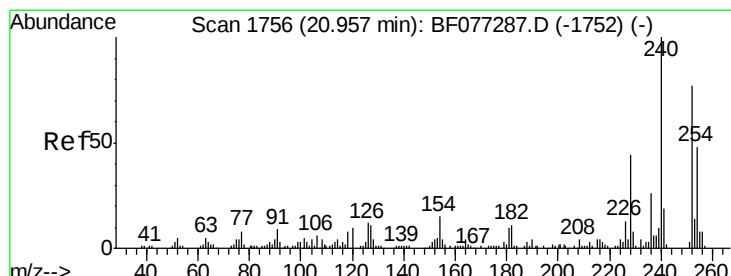
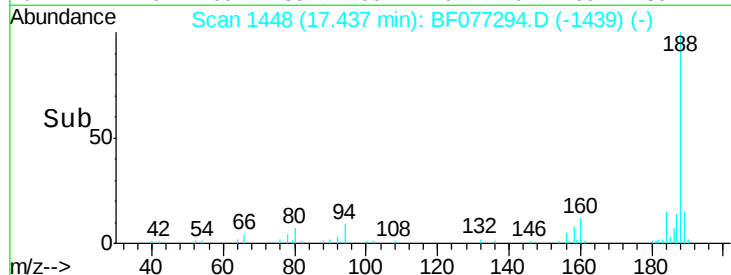
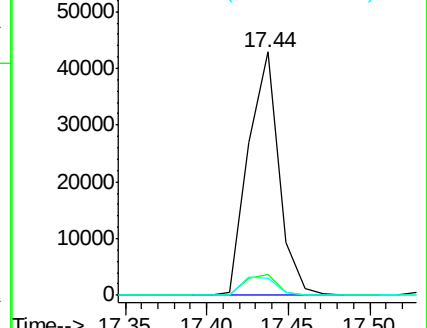
Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.7	6.5	9.7
80	7.2	7.1	10.7

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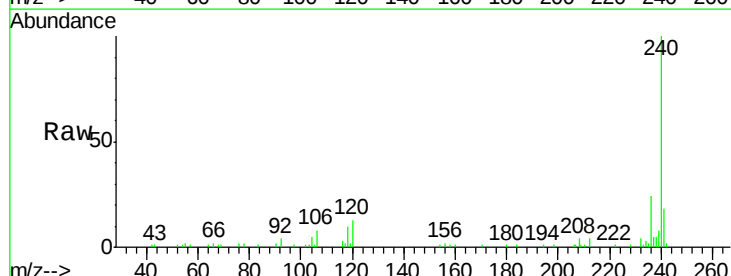


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

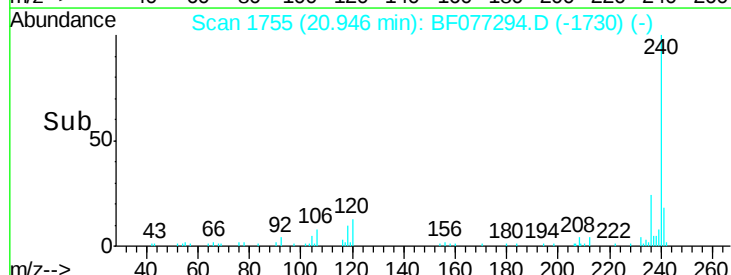
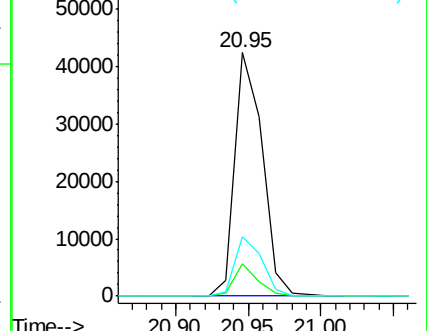


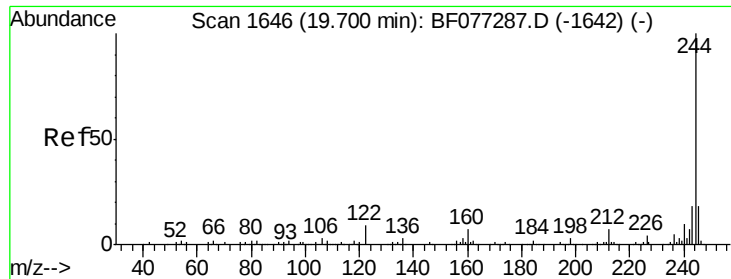
#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.95 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF077294.D
Acq: 12 Feb 2015 21:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.4	7.8	11.8#
236	24.3	20.4	30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





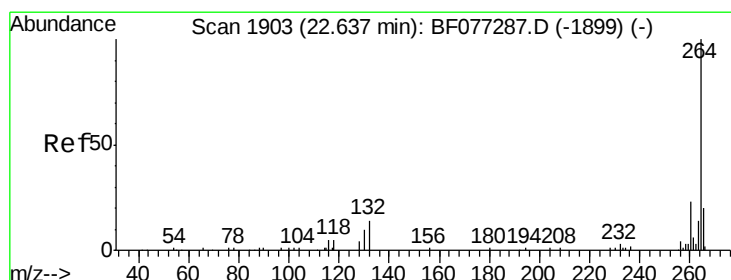
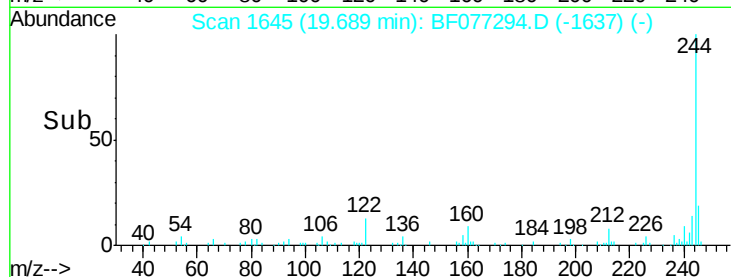
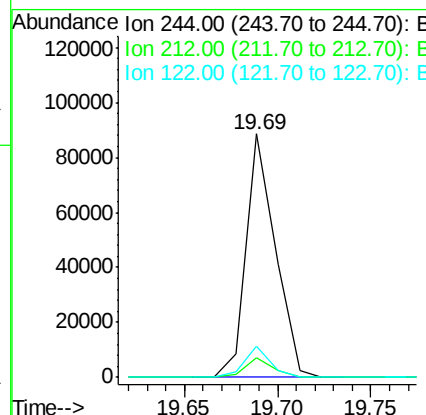
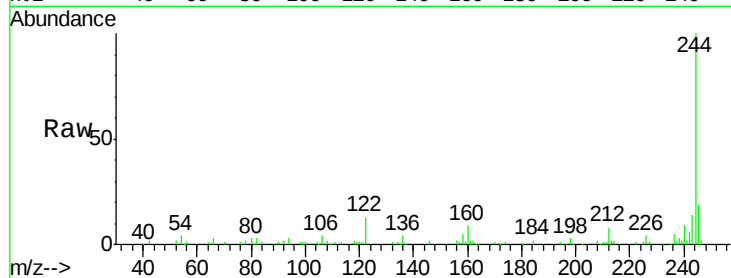
#78
 Terphenyl-d14
 Concen: 38.80 ng
 RT: 19.69 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.6	8.4
122	12.8	7.0	10.4

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.60 min Scan# 1900
 Delta R.T. -0.03 min
 Lab File: BF077294.D
 Acq: 12 Feb 2015 21:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	20.7	16.2	24.2

