

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
 Data File : BF089311.D
 Acq On : 26 Jul 2016 14:04
 Operator : UM/SJ
 Sample : H4207-10DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EW-2DL

Manual Integrations
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Quant Time: Jul 26 14:44:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	38706	20.00	ng	-0.01
21) Naphthalene-d8	7.84	136	159713	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	72272	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	137624	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	102366	20.00	ng	-0.01
86) Perylene-d12	15.02	264	75439	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	78929	31.01	ng	-0.02
7) Phenol-d6	6.20	99	103929	31.67	ng	-0.02
23) Nitrobenzene-d5	7.12	82	81428	27.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.38	330	18384	28.25	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	121188	23.10	ng	-0.01
78) Terphenyl-d14	12.64	244	105286	22.31	ng	-0.01
Target Compounds						
31) Naphthalene	7.86	128	90026	10.44	ng	# 88
37) 2-Methylnaphthalene	8.56	142	132883	24.17	ng	95
45) 1,1'-Biphenyl	9.03	154	35266	5.42	ng	95
49) Dimethylphthalate	9.32	163	40846	7.36	ng	# 91
51) Acenaphthene	9.62	154	31647m	6.88	ng	
57) Fluorene	10.14	166	65905	12.49	ng	# 83
70) Phenanthrene	11.10	178	205620	27.24	ng	# 95

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

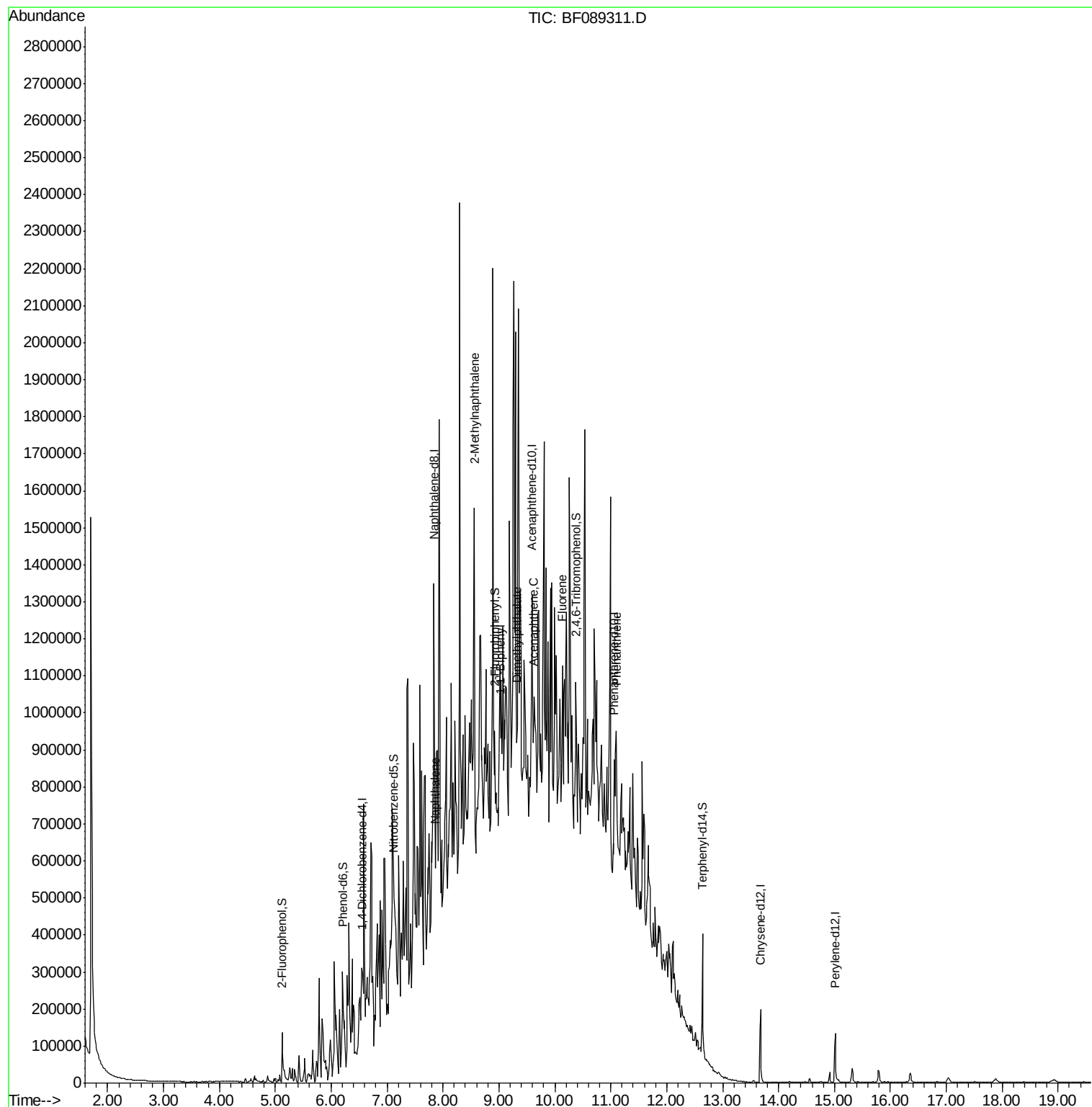
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
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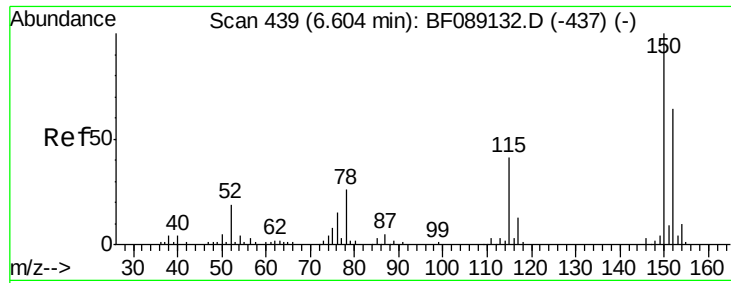
Instrument :
BNA_F
ClientSampleId :
EW-2DL

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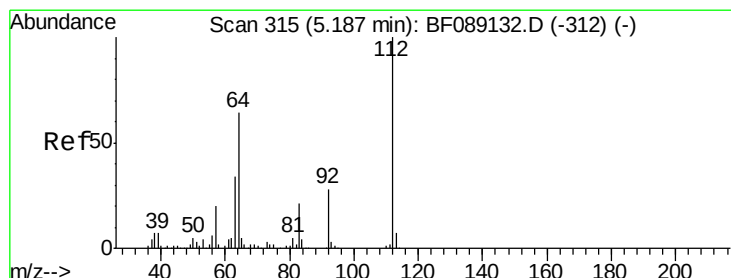
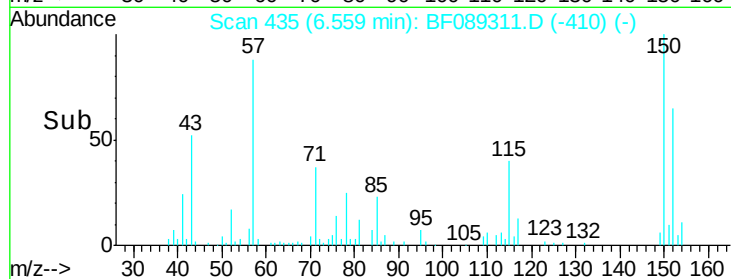
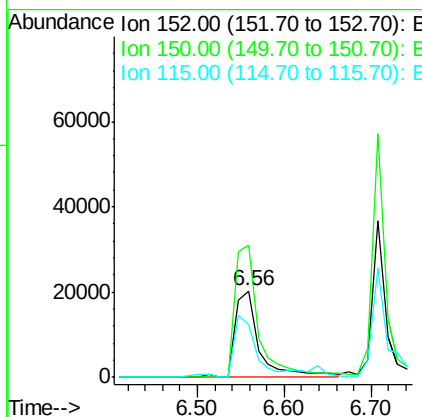
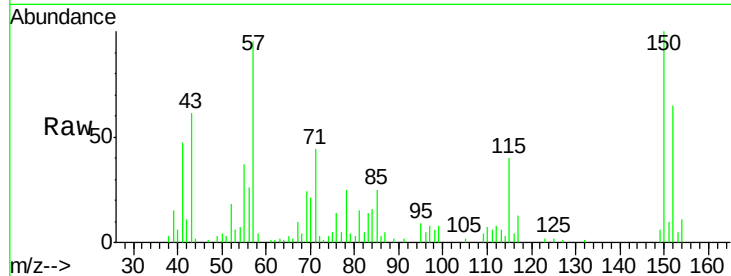
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF089311.D
 Acq: 26 Jul 2016 14:04

Instrument :
 BNA_F
 ClientSampled :
 EW-2DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.1	187.7
115	60.5	51.1	76.7

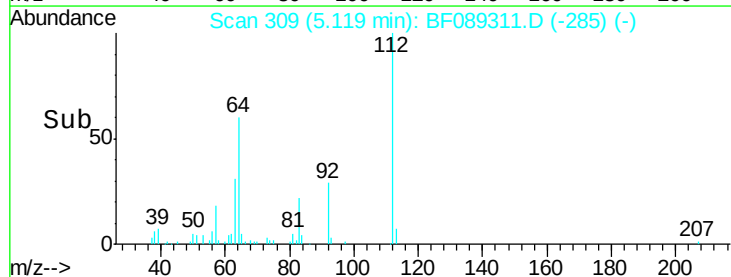
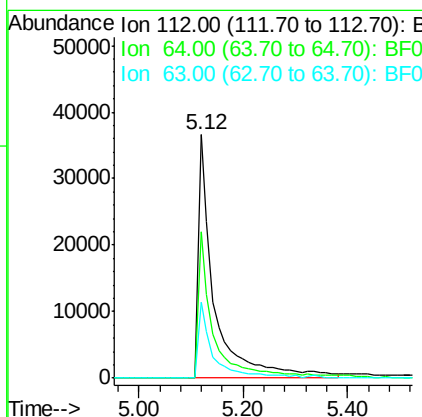
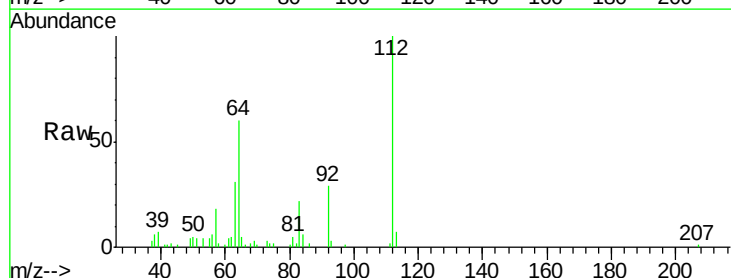
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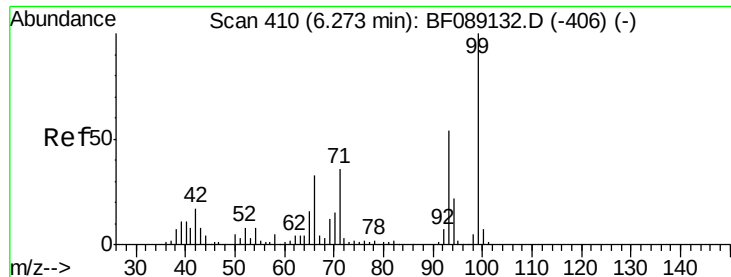
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#5
 2-Fluorophenol
 Concen: 31.01 ng
 RT: 5.12 min Scan# 309
 Delta R.T. -0.02 min
 Lab File: BF089311.D
 Acq: 26 Jul 2016 14:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	51.0	76.4
63	31.1	27.3	40.9





#7

Phenol-d6

Concen: 31.67 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089311.D

Acq: 26 Jul 2016 14:04

Instrument :

BNA_F

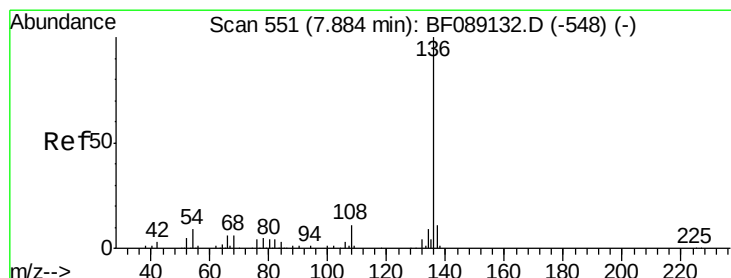
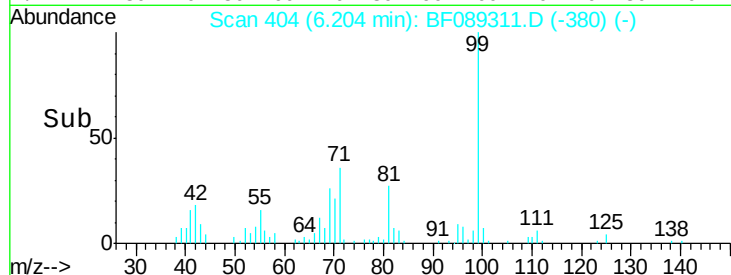
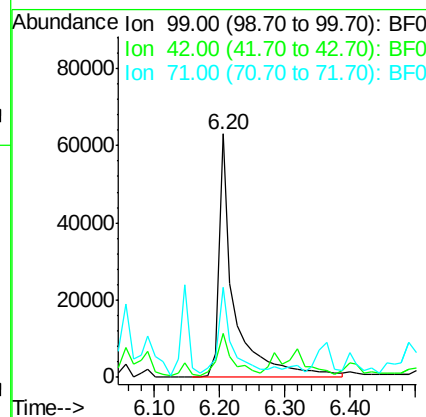
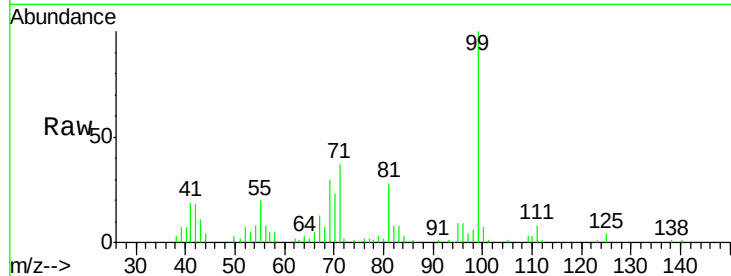
ClientSampleId :

EW-2DL

Tot Ion:	99	Resp:	103929
Ion Ratio	Lower	Upper	
99	100		
42	18.2	13.5	20.3
71	37.0	28.9	43.3

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#21

Naphthalene-d8

Concen: 20.00 ng

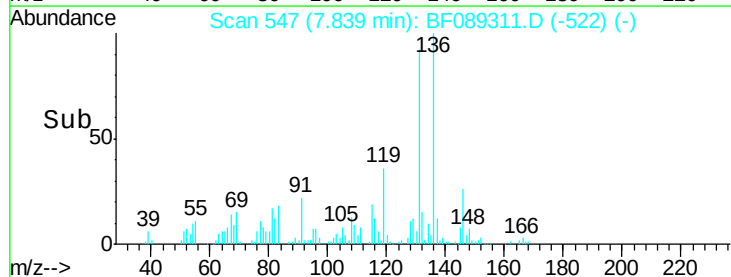
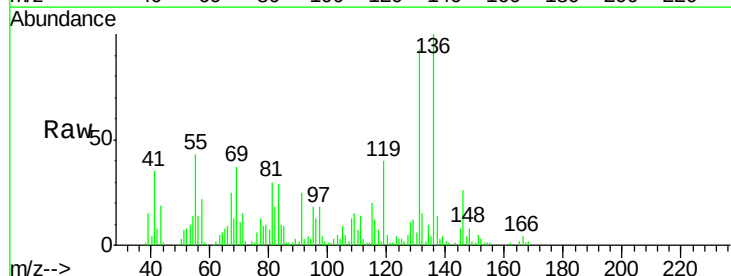
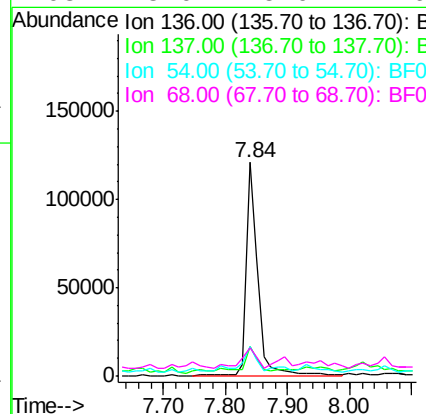
RT: 7.84 min Scan# 547

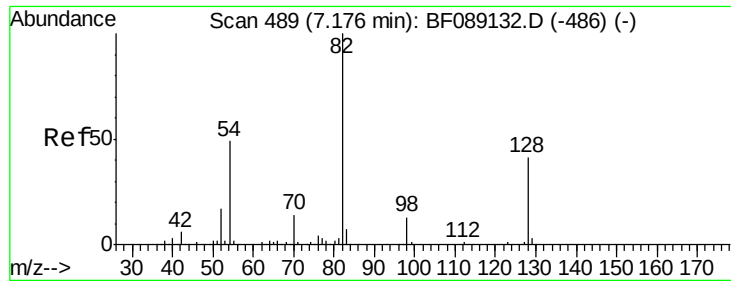
Delta R.T. -0.01 min

Lab File: BF089311.D

Acq: 26 Jul 2016 14:04

Tgt Ion:	136	Resp:	159713
Ion Ratio	Lower	Upper	
136	100		
137	13.5	8.8	13.2#
54	13.6	7.0	10.4#
68	13.0	5.0	7.6#





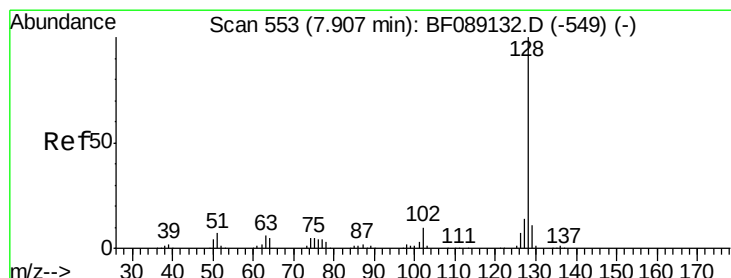
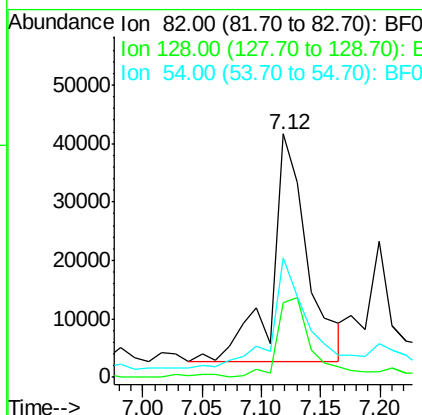
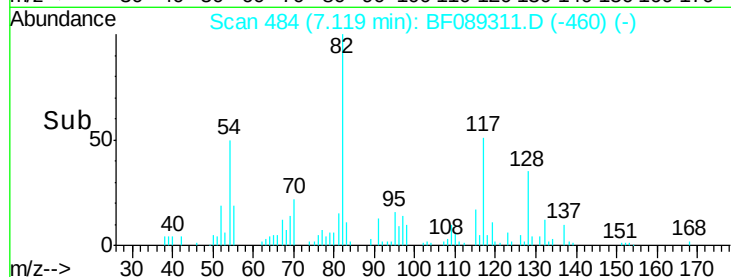
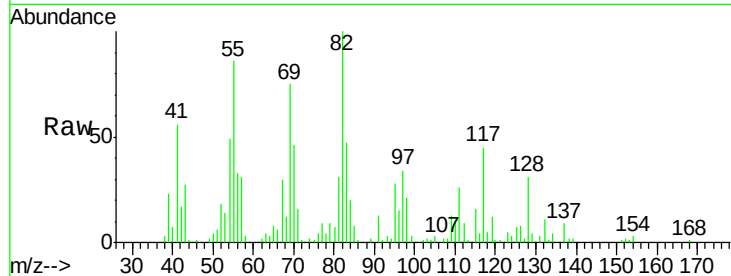
#23
 Nitrobenzene-d5
 Concen: 27.09 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF089311.D
 Acq: 26 Jul 2016 14:04

Instrument :
 BNA_F
 ClientSampled :
 EW-2DL

Tot Ion	82	Resp	81428
Ion Ratio	100	Lower	Upper
128	30.9	33.0	49.6#
54	49.1	39.0	58.4

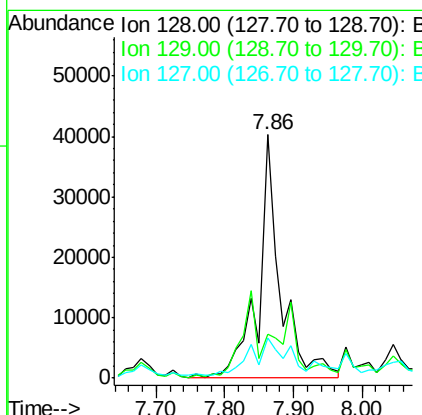
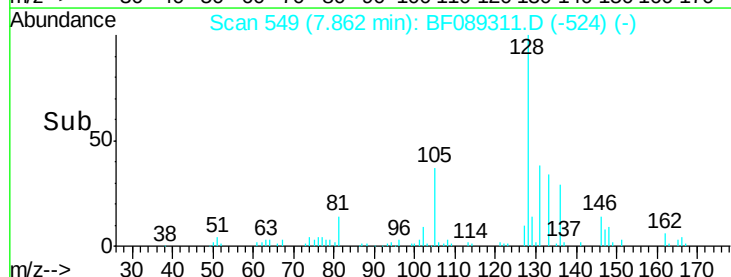
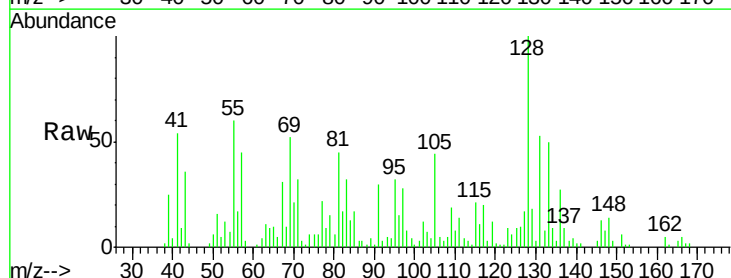
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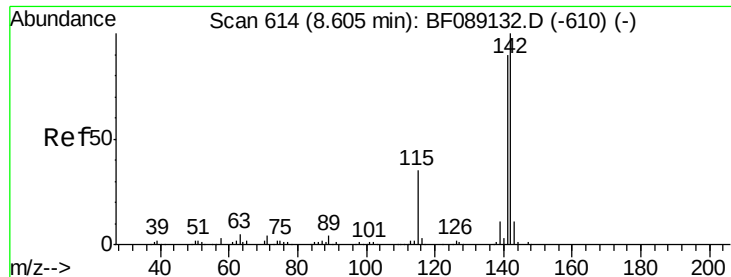
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#31
 Naphthalene
 Concen: 10.44 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF089311.D
 Acq: 26 Jul 2016 14:04

Tgt Ion	128	Resp	90026
Ion Ratio	100	Lower	Upper
129	18.1	8.9	13.3#
127	16.5	10.8	16.2#





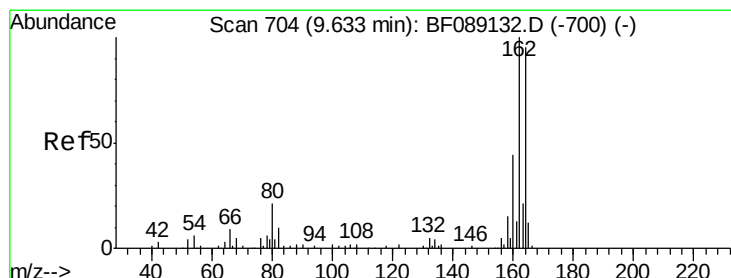
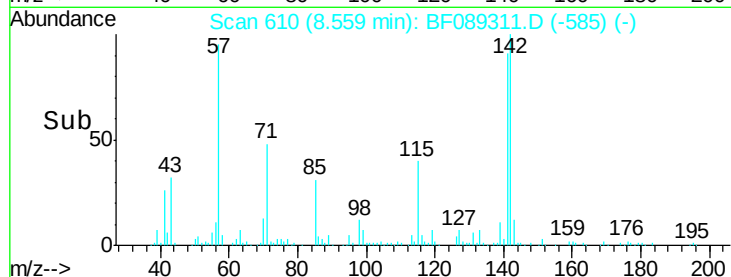
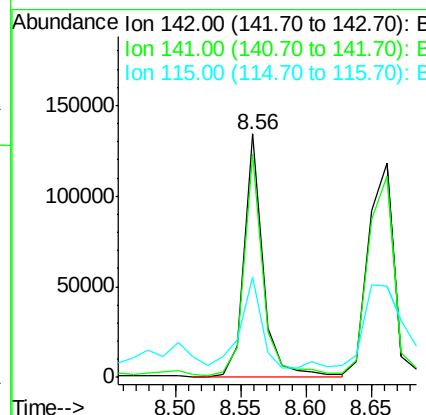
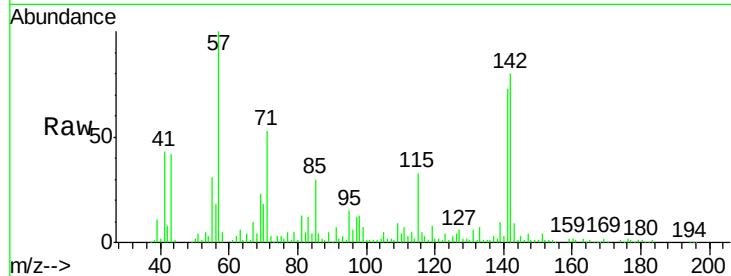
#37
2-Methylnaphthalene
Concen: 24.17 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF089311.D
Acq: 26 Jul 2016 14:04

Instrument :
BNA_F
ClientSampled :
EW-2DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.6	107.4
115	41.2	27.6	41.4

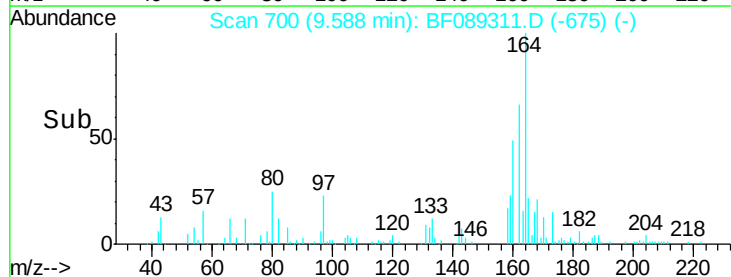
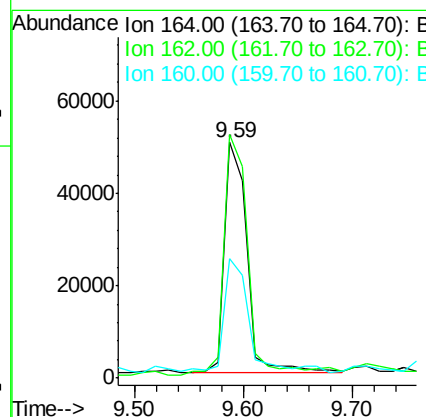
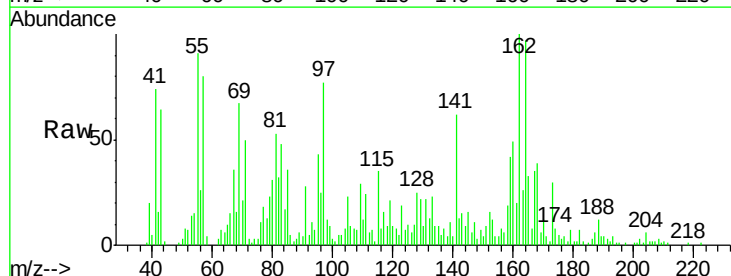
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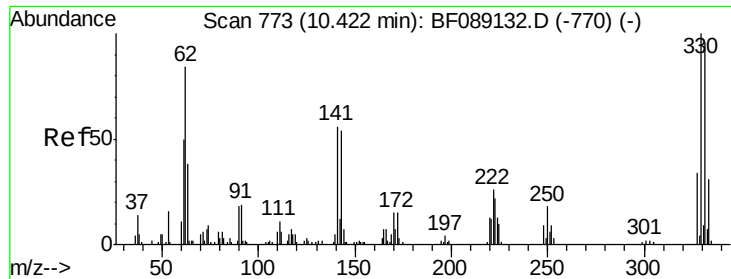
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF089311.D
Acq: 26 Jul 2016 14:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	84.1	126.1
160	50.6	37.1	55.7





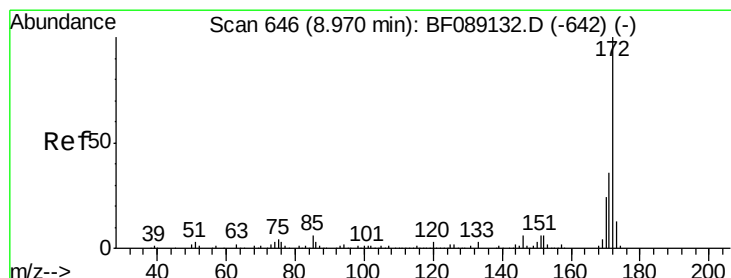
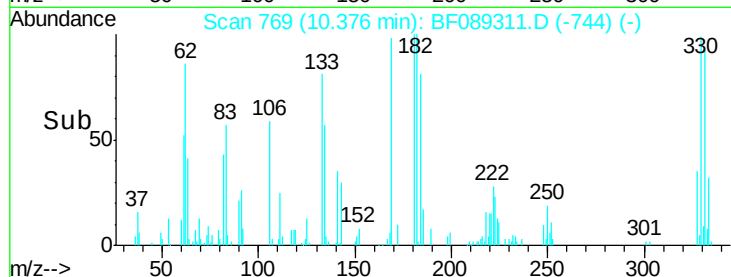
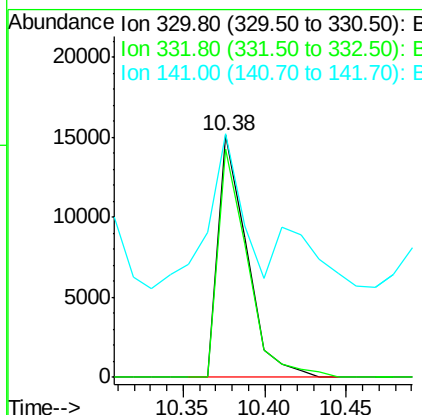
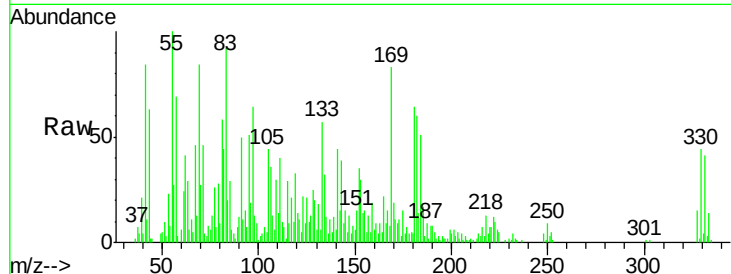
#41
 2,4,6-Tribromophenol
 Concen: 28.25 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089311.D
 Acq: 26 Jul 2016 14:04

Instrument :
 BNA_F
 ClientSampled :
 EW-2DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.2	115.8
141	75.1	42.2	63.2

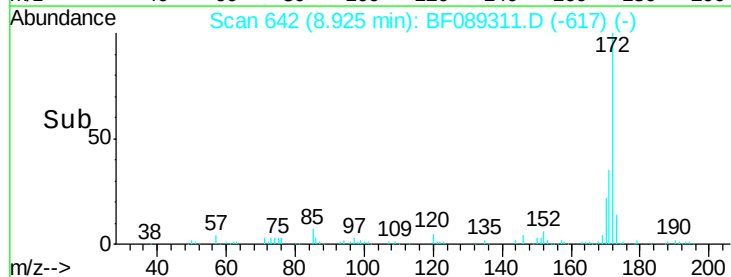
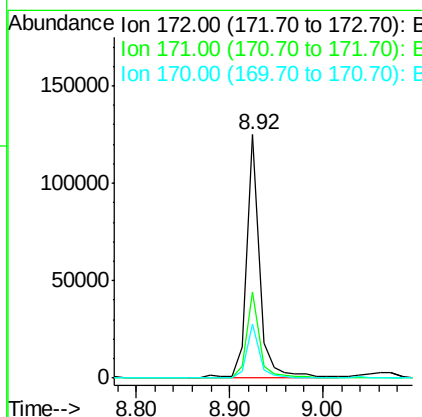
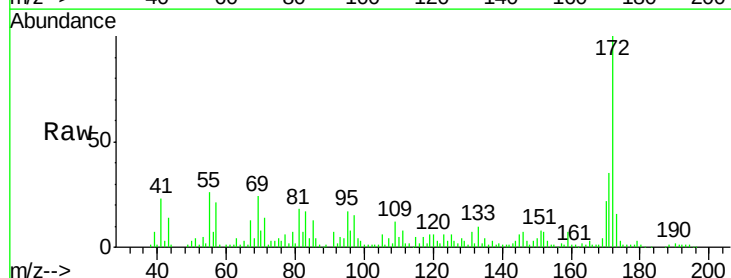
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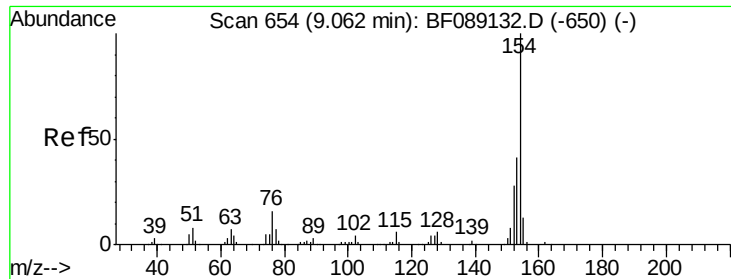
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#44
 2-Fluorobiphenyl
 Concen: 23.10 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089311.D
 Acq: 26 Jul 2016 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	22.5	19.1	28.7





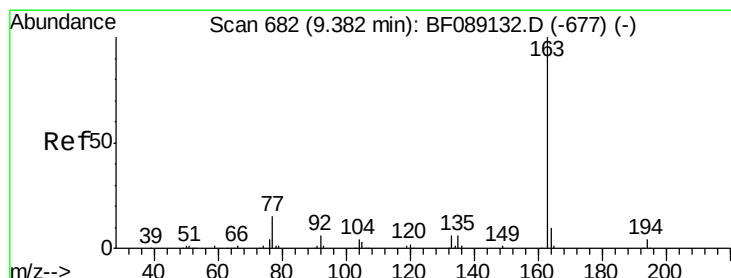
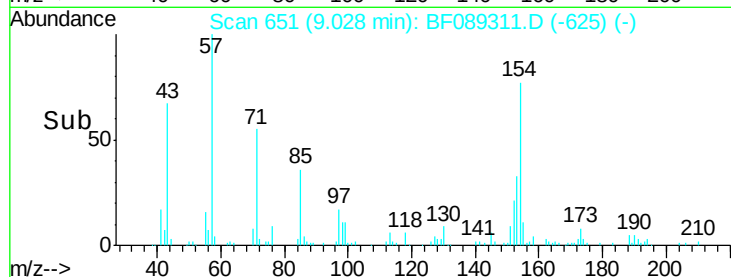
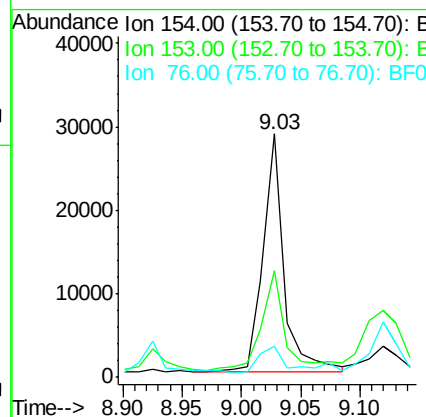
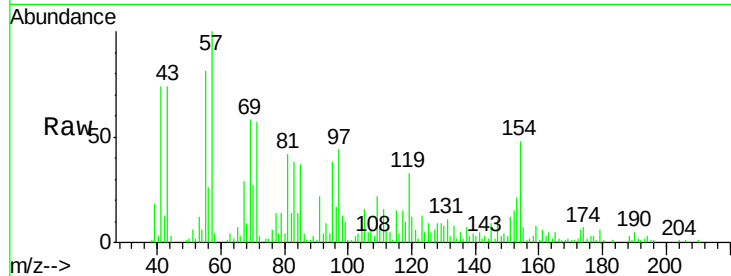
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 1,1'-Biphenyl
 Concen: 5.42 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089311.D
 Acq: 26 Jul 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 EW-2DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.8	21.1	61.1
76	13.0	0.0	35.8

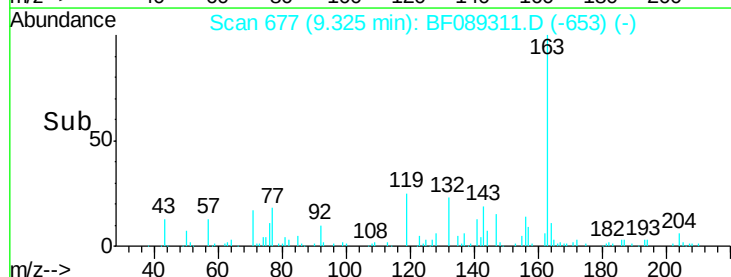
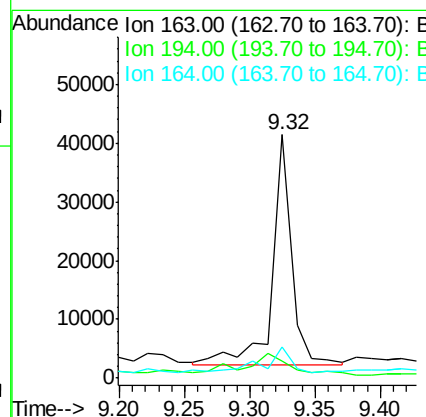
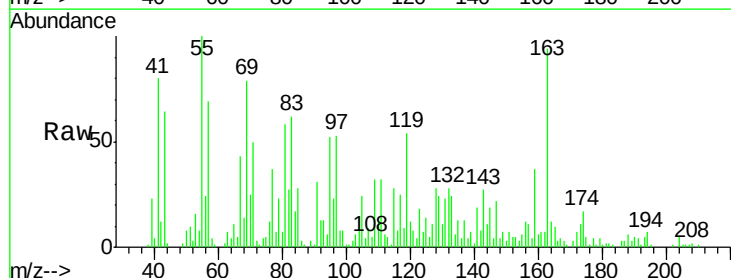
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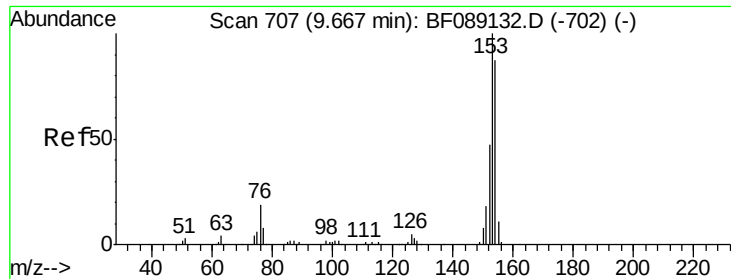
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#49
 Dimethylphthalate
 Concen: 7.36 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF089311.D
 Acq: 26 Jul 2016 14:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.0	2.9	4.3#
164	12.7	7.6	11.4#





#51

Acenaphthene

Concen: 6.88 ng/mL

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF089311.D

Acq: 26 Jul 2016 14:04

Instrument :

BNA_F

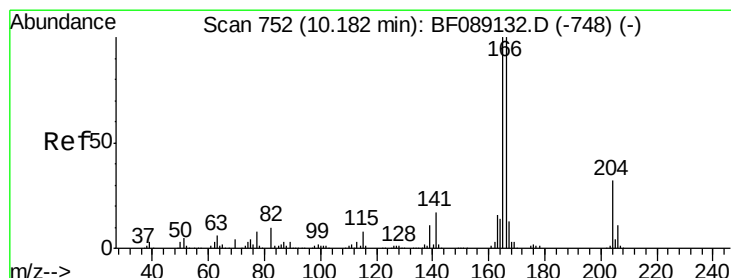
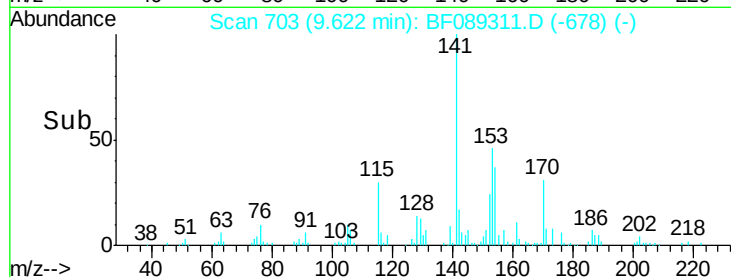
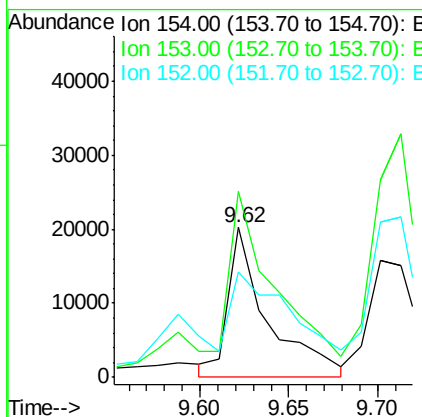
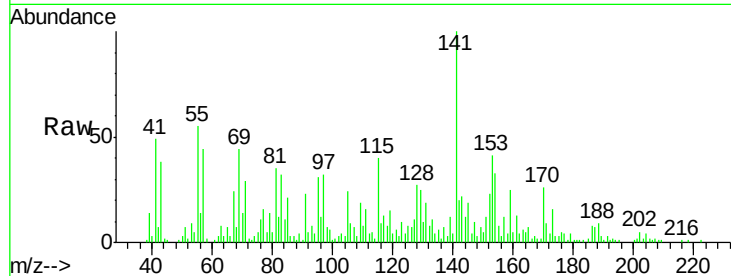
ClientSampleId :

EW-2DL

Tot Ion:	154	Resp:	31647
Ion Ratio	Lower	Upper	
154	100		
153	124.3	91.9	137.9
152	70.7	42.8	64.2#

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#57

Fluorene

Concen: 12.49 ng/mL

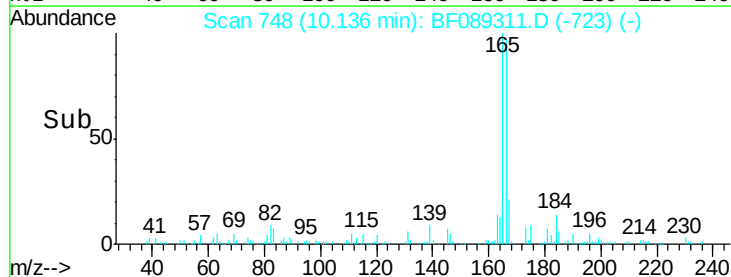
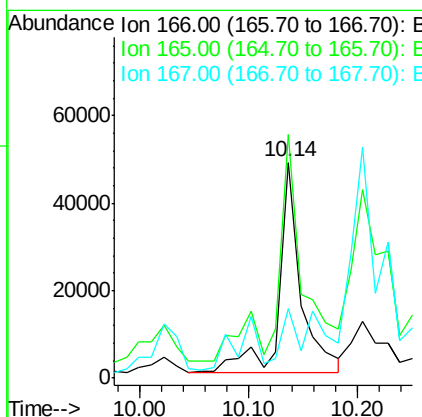
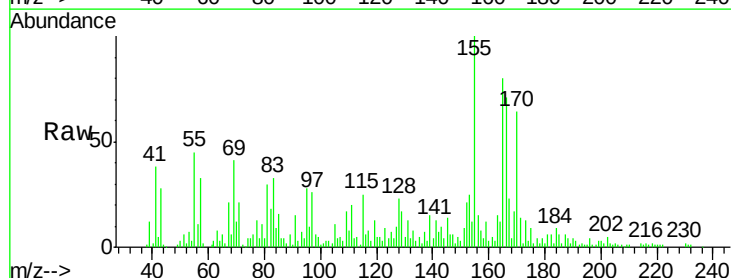
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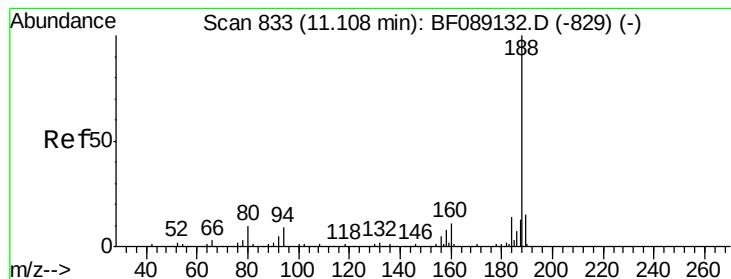
Delta R.T. -0.01 min

Lab File: BF089311.D

Acq: 26 Jul 2016 14:04

Tgt Ion:	166	Resp:	65905
Ion Ratio	Lower	Upper	
166	100		
165	112.7	79.9	119.9
167	32.0	10.7	16.1#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF089311.D

Acq: 26 Jul 2016 14:04

Instrument :

BNA_F

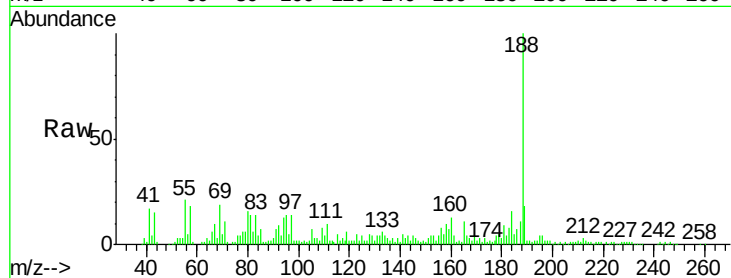
ClientSampled :

EW-2DL

Tot Ion:	188	Resp:	137624
Ion Ratio	Lower	Upper	
188	100		
94	13.0	7.0	10.4#
80	15.7	7.7	11.5#

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E

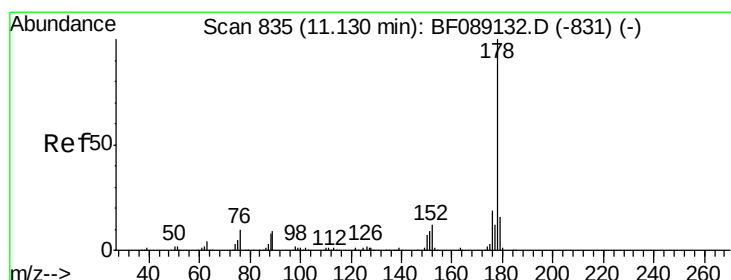
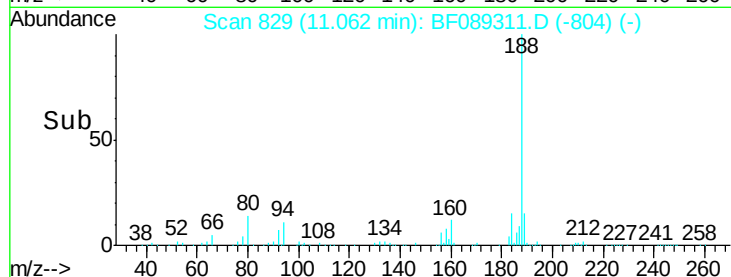
11.06

100000

50000

0

Time-->



#70

Phenanthrene

Concen: 27.24 ng

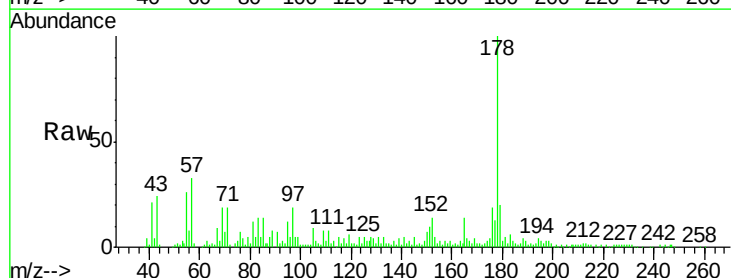
RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF089311.D

Acq: 26 Jul 2016 14:04

Tgt Ion:	178	Resp:	205620
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.6	23.4
179	20.2	12.4	18.6#



Abundance Ion 178.00 (177.70 to 178.70): E

11.10

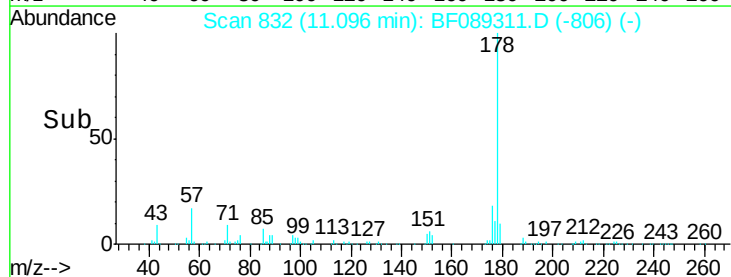
150000

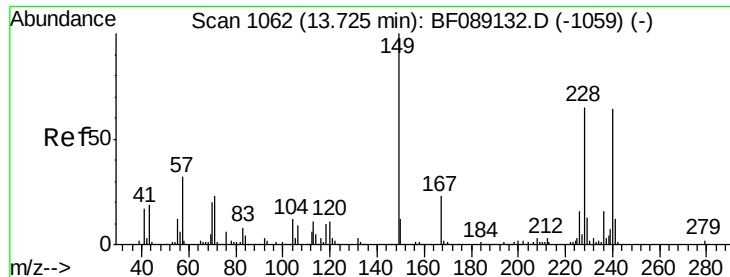
100000

50000

0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089311.D

Acq: 26 Jul 2016 14:04

Instrument :

BNA_F

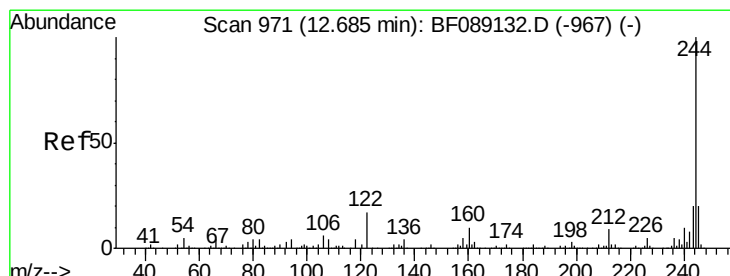
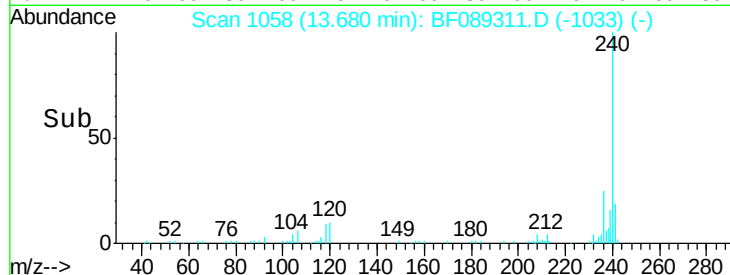
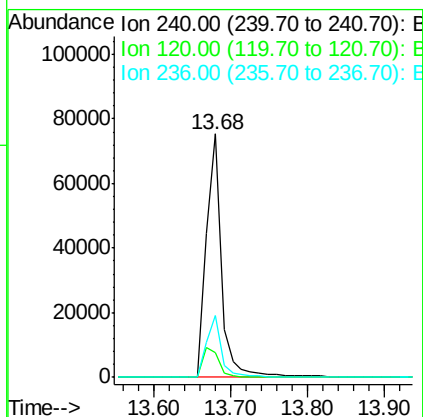
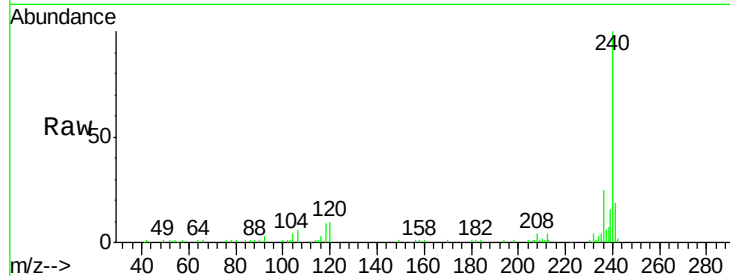
ClientSampled :

EW-2DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	13.6	20.4#
236	25.3	20.5	30.7

Manual Integrations
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#78

Terphenyl-d14

Concen: 22.31 ng

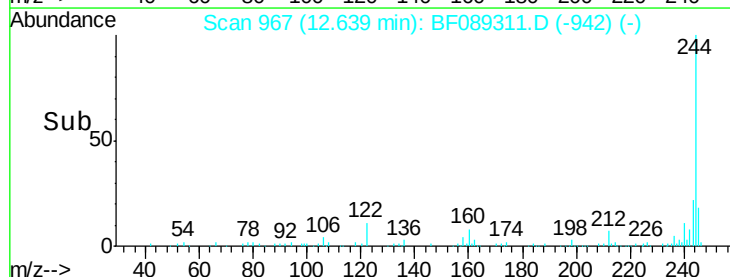
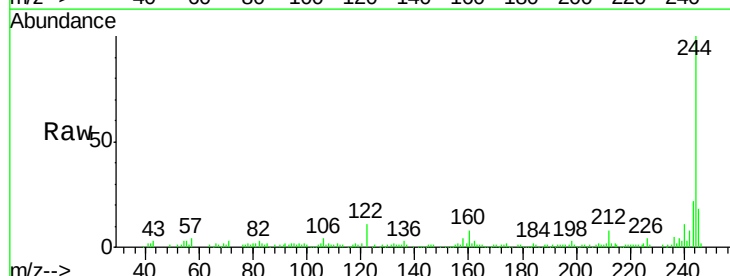
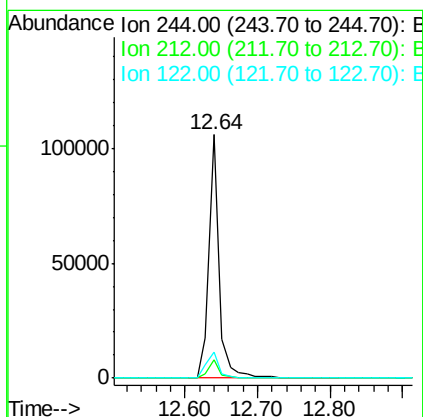
RT: 12.64 min Scan# 967

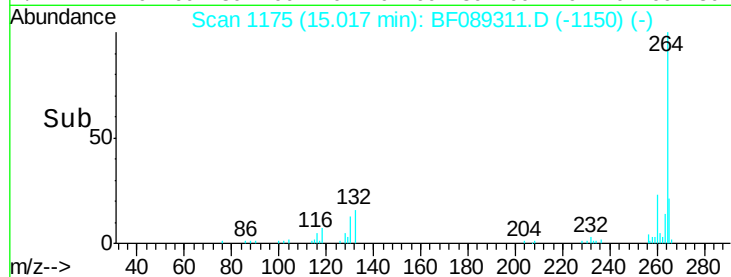
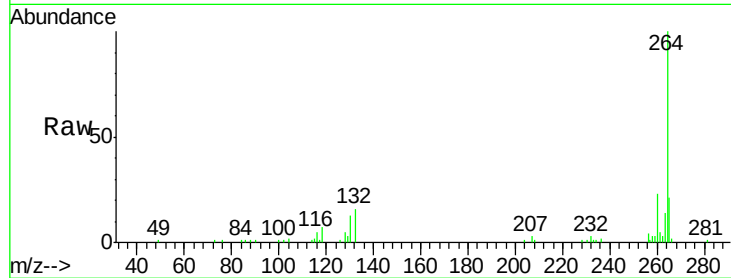
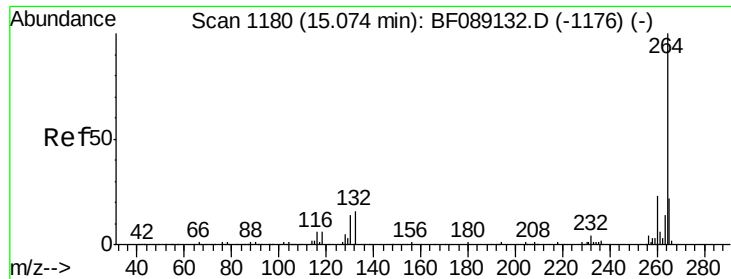
Delta R.T. -0.01 min

Lab File: BF089311.D

Acq: 26 Jul 2016 14:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.4
122	10.8	13.8	20.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF089311.D
Acq: 26 Jul 2016 14:04

Instrument :
BNA_F
ClientSampleId :
EW-2DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	20.7	17.3	25.9

Manual Integrations
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