

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
 Data File : BF089307.D
 Acq On : 26 Jul 2016 12:07
 Operator : UM/SJ
 Sample : H4207-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-2

Manual Integrations
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Quant Time: Jul 26 13:38:17 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	6.55	152	44501m	20.00	ng	-0.02
21) Naphthalene-d8	7.84	136	195572	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	86457	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	172544	20.00	ng	-0.02
75) Chrysene-d12	13.68	240	125028	20.00	ng	-0.01
86) Perylene-d12	15.02	264	83845	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	402792	137.66	ng	-0.01
7) Phenol-d6	6.22	99	579343	153.54	ng	-0.01
23) Nitrobenzene-d5	7.12	82	333095	90.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.38	330	116964	150.26	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	588033	93.71	ng	-0.01
78) Terphenyl-d14	12.64	244	479461	83.18	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	146174	22.03	ng	99

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

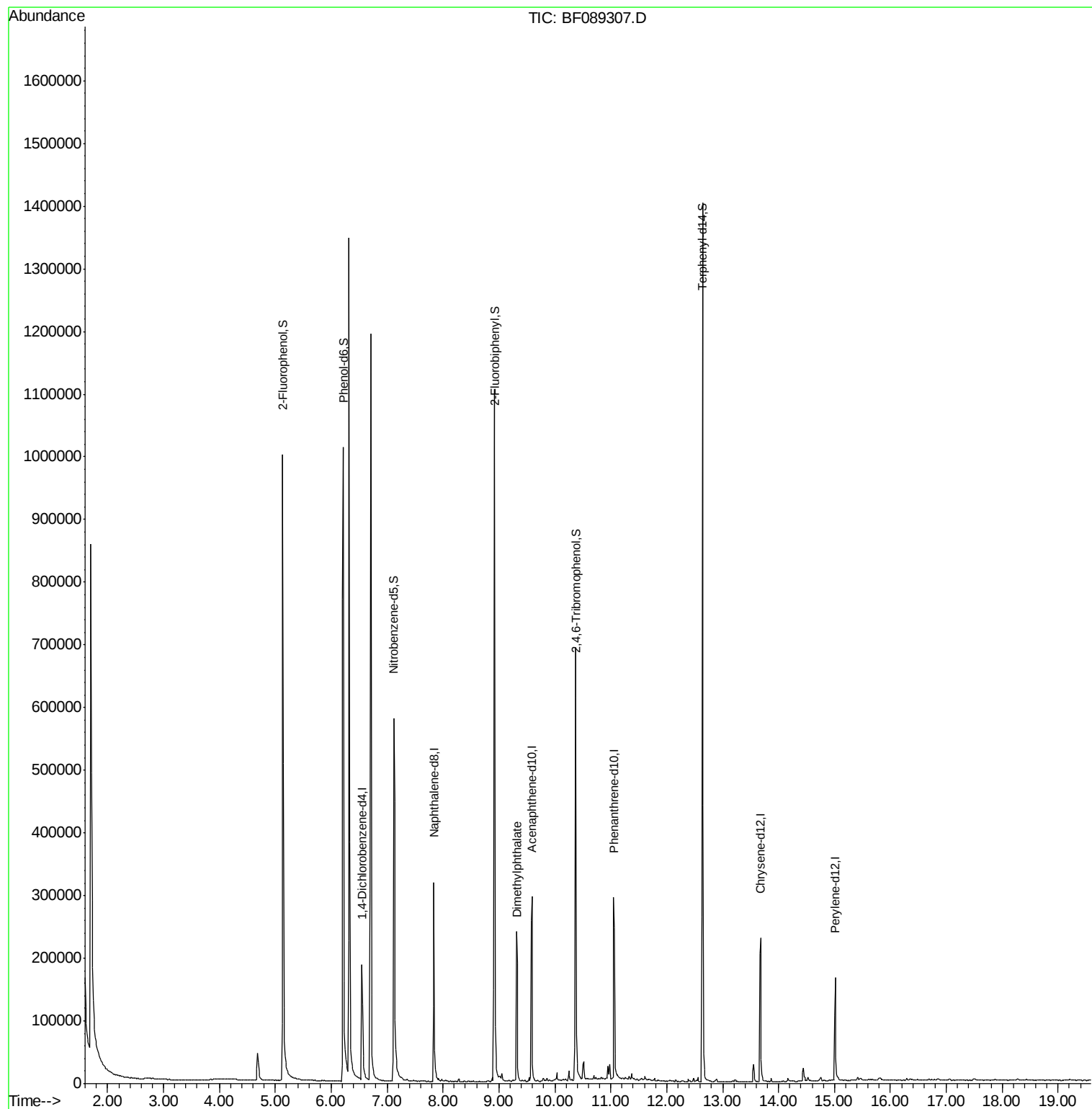
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
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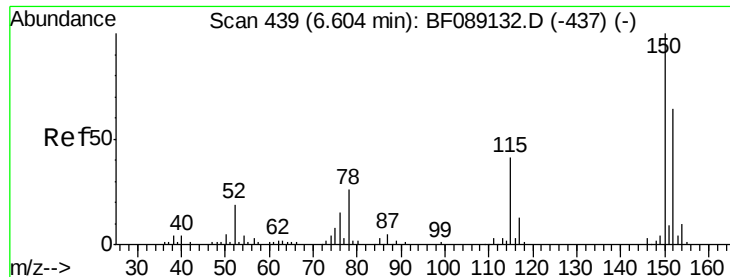
Instrument :
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SW-2

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#1

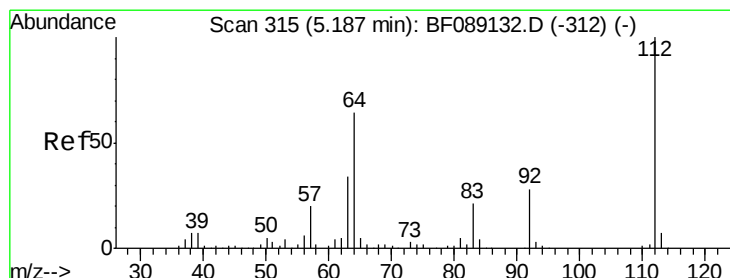
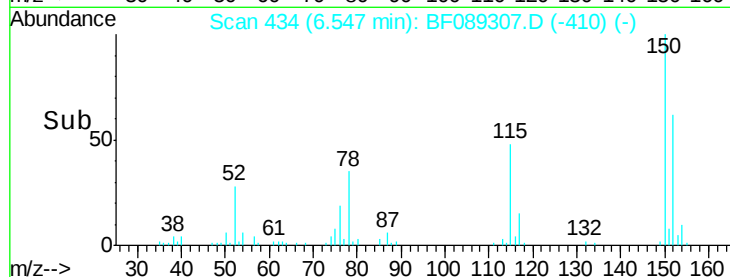
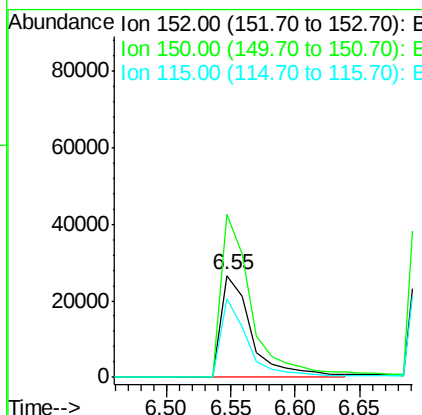
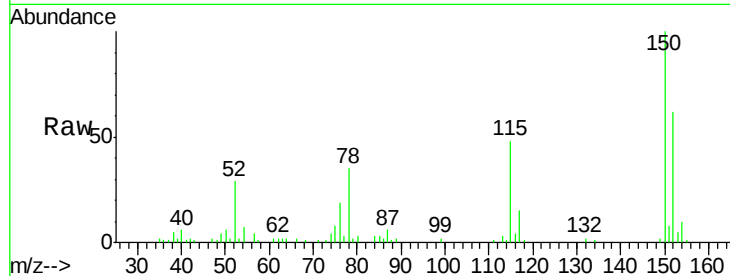
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.55 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF089307.D
Acq: 26 Jul 2016 12:07

Instrument :
BNA_F
ClientSampled :
SW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	125.1	187.7
115	77.1	51.1	76.7

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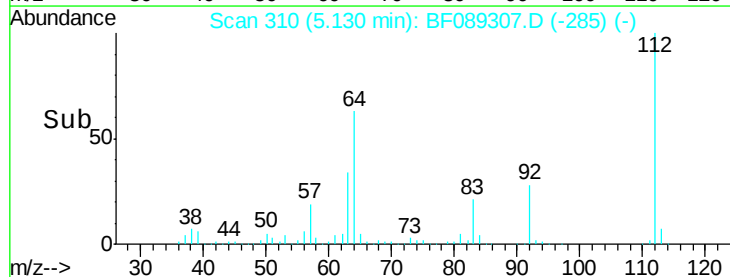
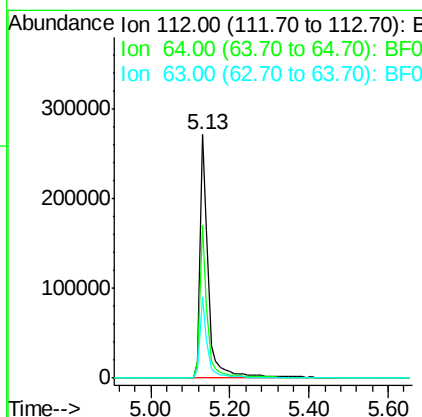
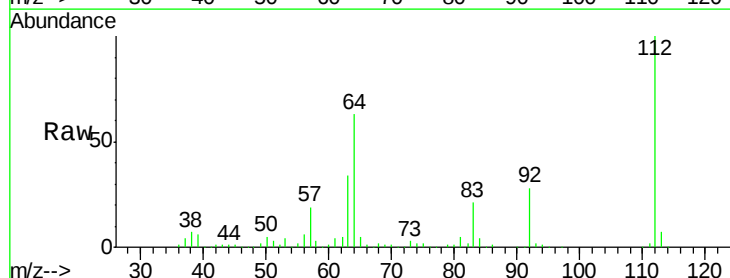
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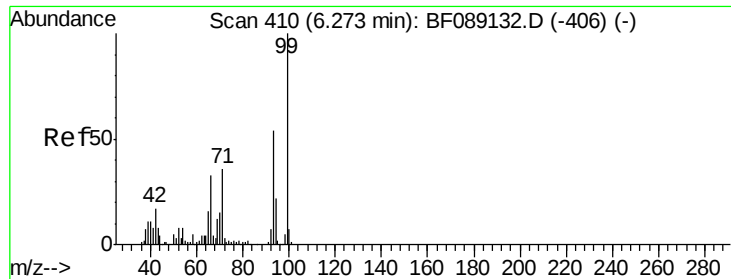


#5

2-Fluorophenol
Concen: 137.66 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.01 min
Lab File: BF089307.D
Acq: 26 Jul 2016 12:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	51.0	76.4
63	33.5	27.3	40.9





#7

Phenol-d6

Concen: 153.54 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089307.D

Acq: 26 Jul 2016 12:07

Instrument :

BNA_F

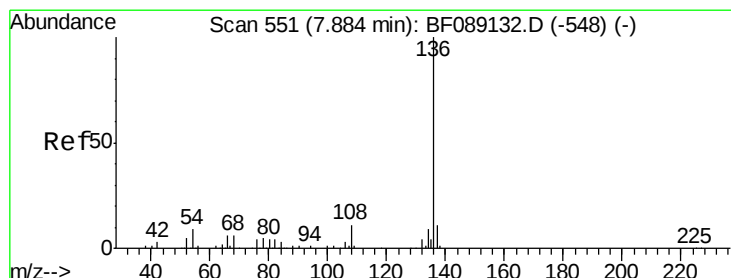
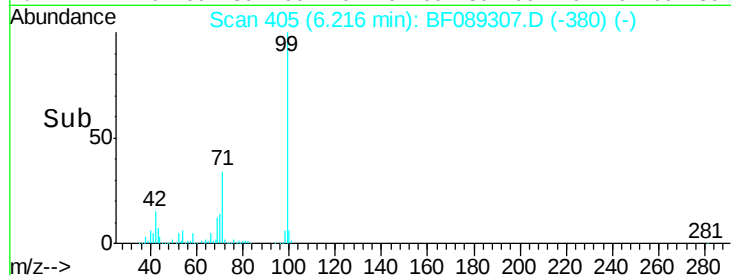
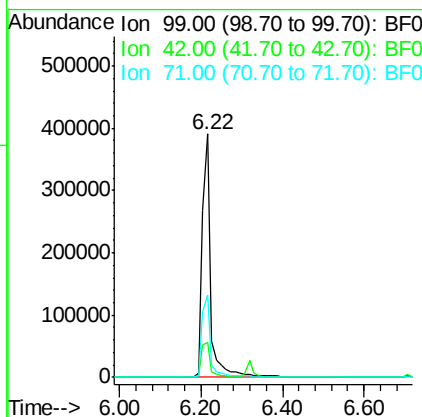
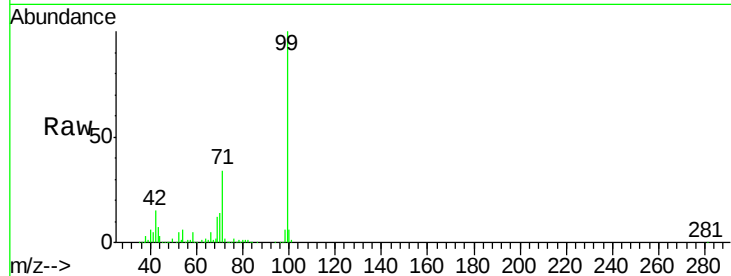
ClientSampled :

SW-2

Tot Ion:	99	Resp:	579343
Ion Ratio	Lower	Upper	
99	100		
42	14.6	13.5	20.3
71	34.0	28.9	43.3

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#21

Naphthalene-d8

Concen: 20.00 ng

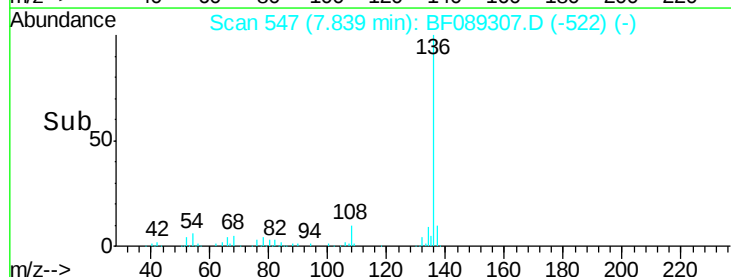
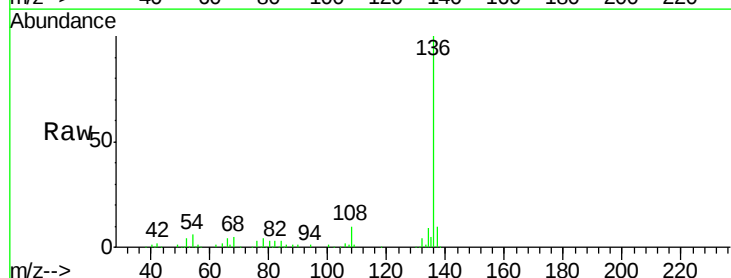
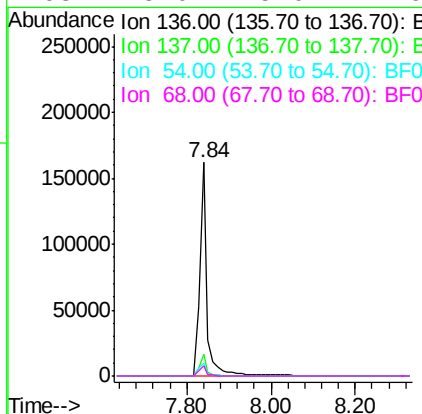
RT: 7.84 min Scan# 547

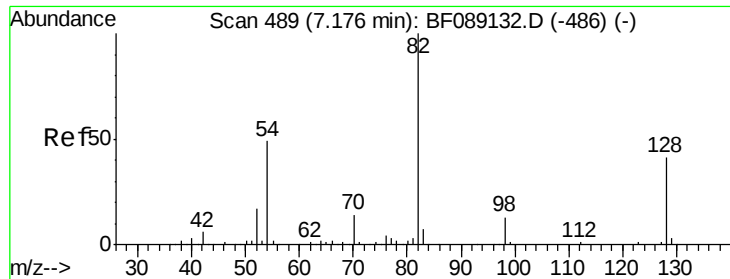
Delta R.T. -0.01 min

Lab File: BF089307.D

Acq: 26 Jul 2016 12:07

Tgt Ion:	136	Resp:	195572
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.8	13.2
54	6.0	7.0	10.4#
68	5.0	5.0	7.6#





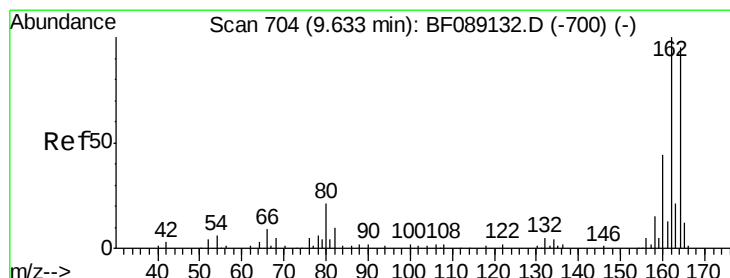
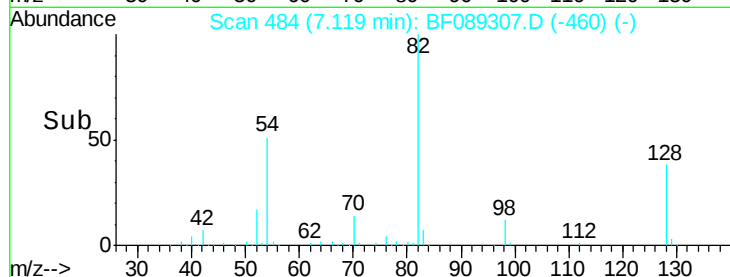
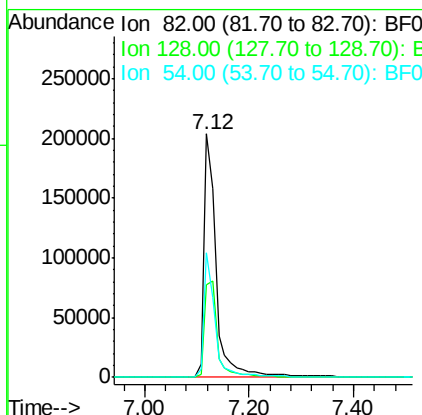
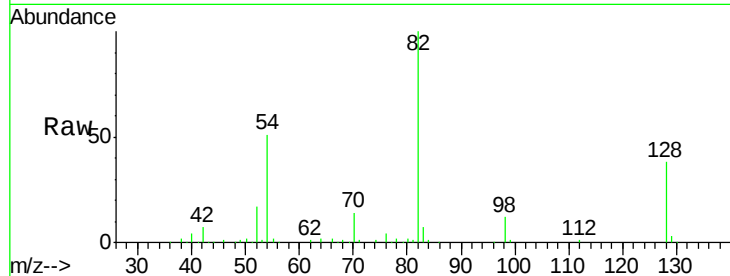
#23
 Nitrobenzene-d5
 Concen: 90.50 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF089307.D
 Acq: 26 Jul 2016 12:07

Instrument :
 BNA_F
 ClientSampled :
 SW-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	33.0	49.6
54	51.1	39.0	58.4

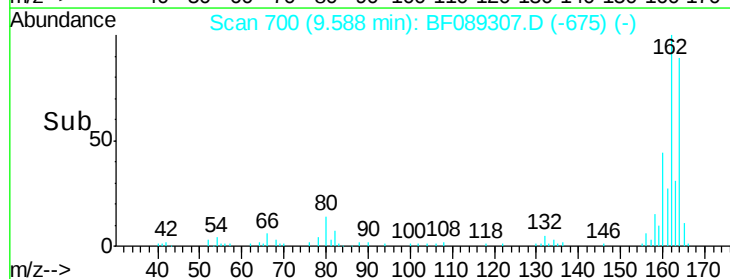
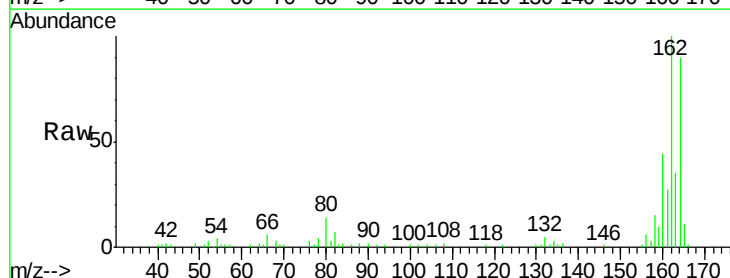
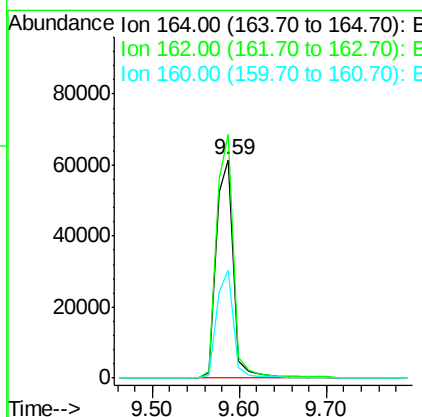
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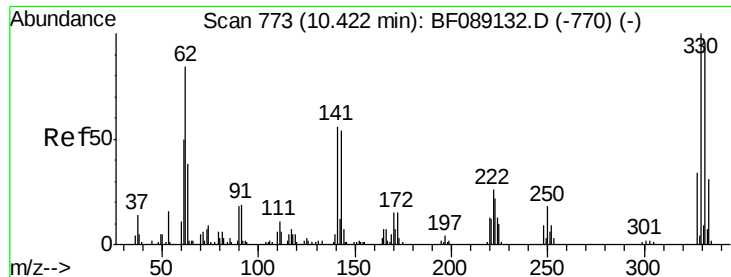
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089307.D
 Acq: 26 Jul 2016 12:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	111.4	84.1	126.1
160	49.6	37.1	55.7





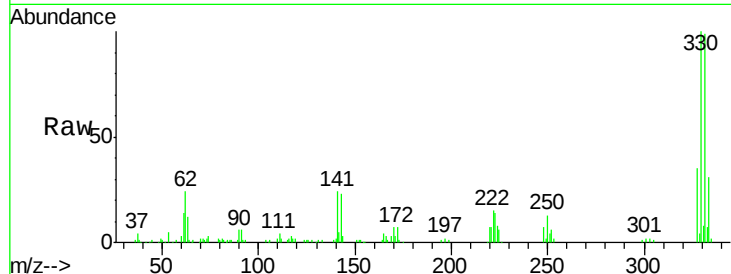
#41
 2,4,6-Tribromophenol
 Concen: 150.26 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089307.D
 Acq: 26 Jul 2016 12:07

Instrument :
 BNA_F
 ClientSampled :
 SW-2

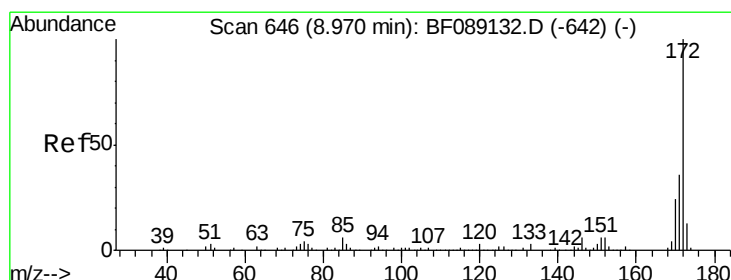
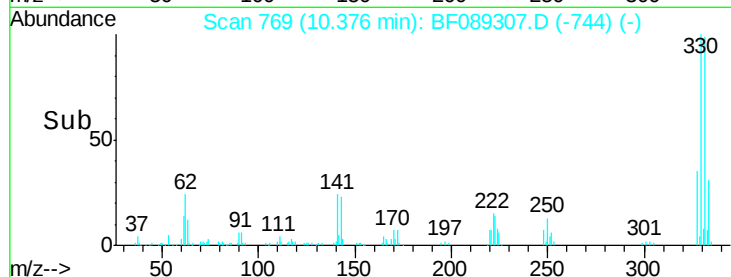
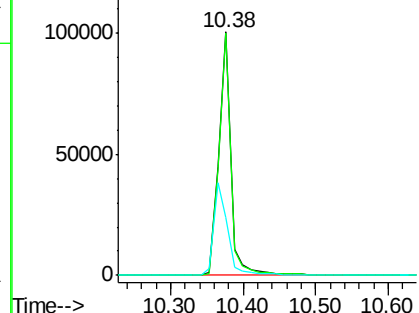
Tot Ion	Ratio	Resp	Lower	Upper
330	100	116964		
332	98.0	77.2	115.8	
141	43.2	42.2	63.2	

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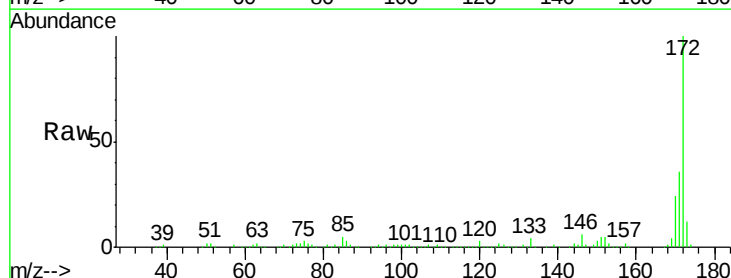


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

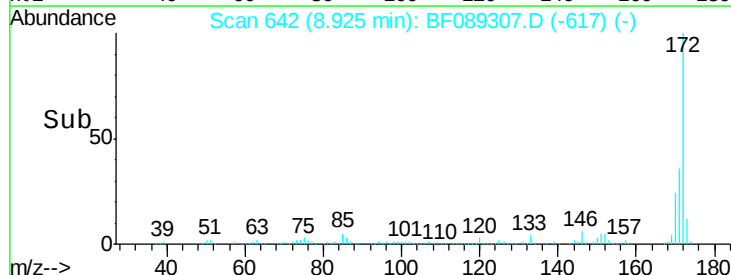
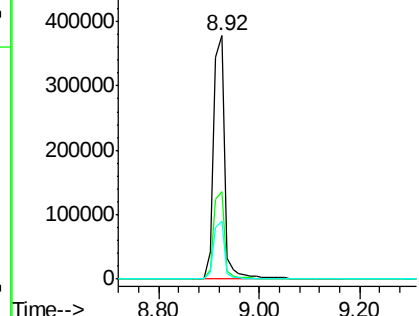


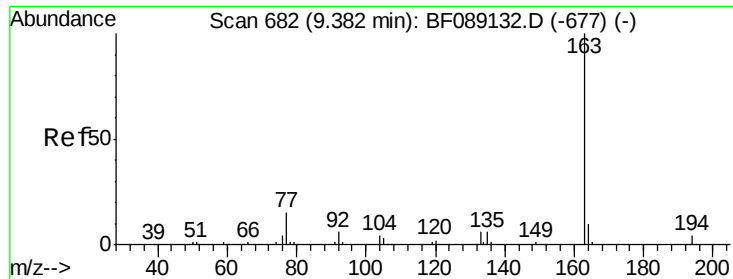
#44
 2-Fluorobiphenyl
 Concen: 93.71 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089307.D
 Acq: 26 Jul 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	588033		
171	35.7	29.2	43.8	
170	23.8	19.1	28.7	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





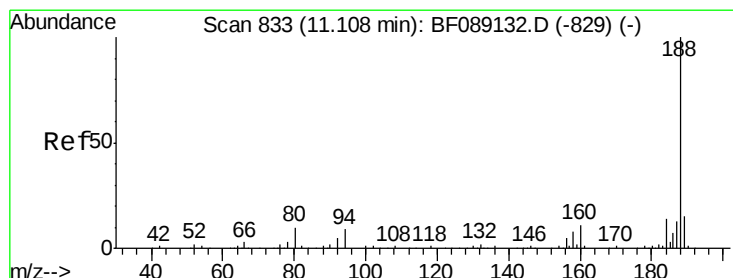
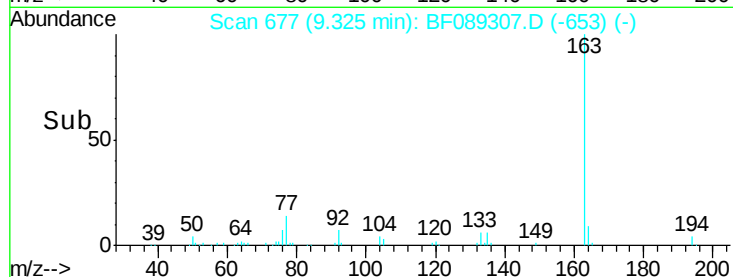
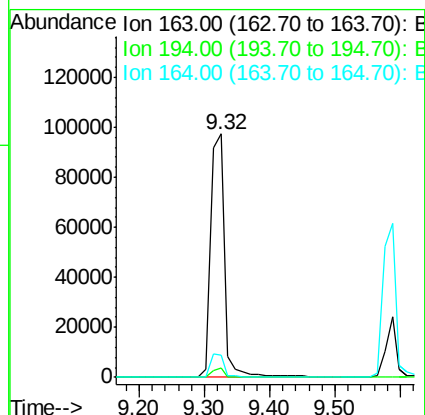
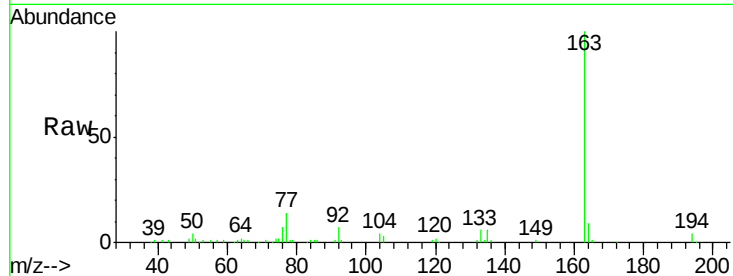
#49
Dimethylphthalate
Concen: 22.03 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089307.D
Acq: 26 Jul 2016 12:07

Instrument :
BNA_F
ClientSampleId :
SW-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	146174		
194	3.9		2.9	4.3
164	9.3		7.6	11.4

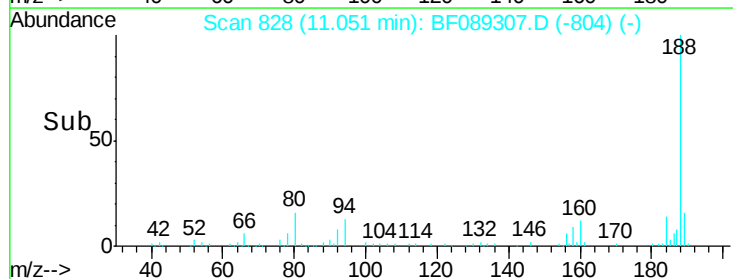
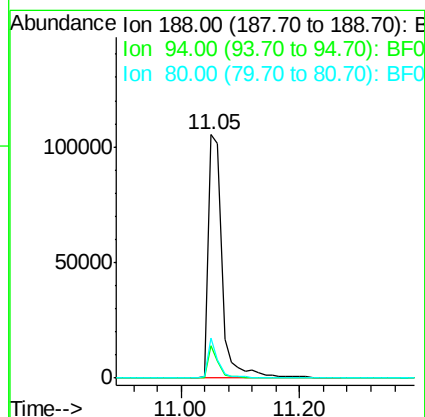
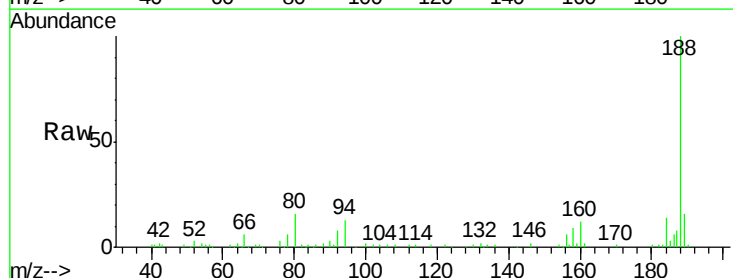
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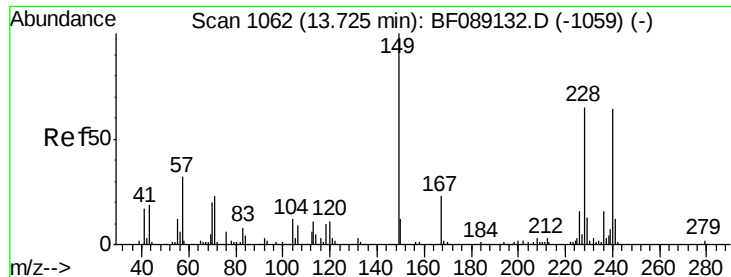
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF089307.D
Acq: 26 Jul 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	172544		
94	13.4		7.0	10.4#
80	16.4		7.7	11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089307.D

Acq: 26 Jul 2016 12:07

Instrument :

BNA_F

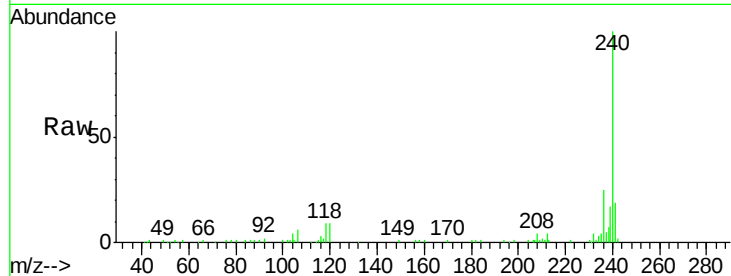
ClientSampleId :

SW-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	13.6	20.4#
236	25.1	20.5	30.7

Manual Integrations
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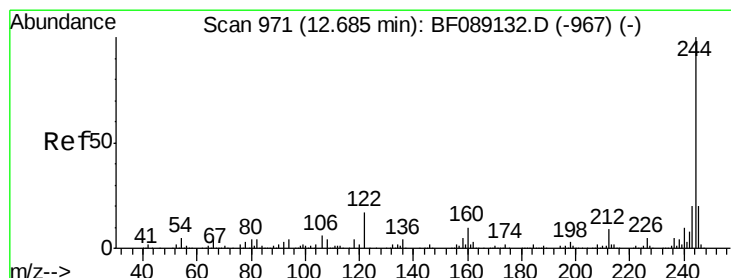
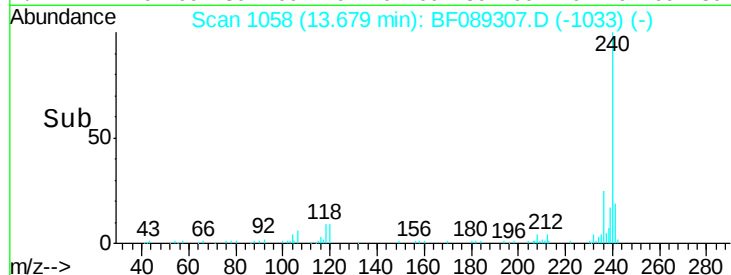
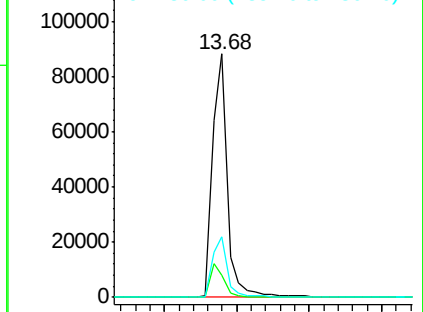
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 83.18 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF089307.D

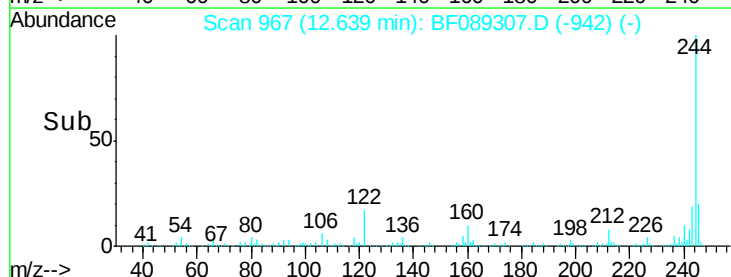
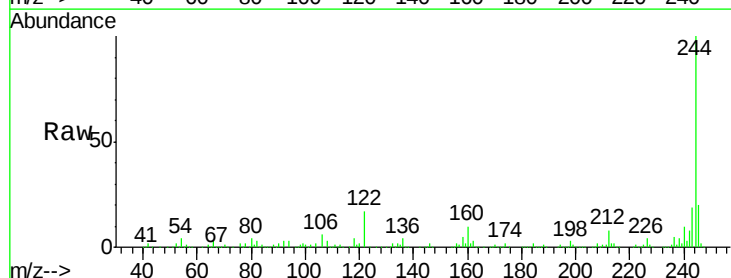
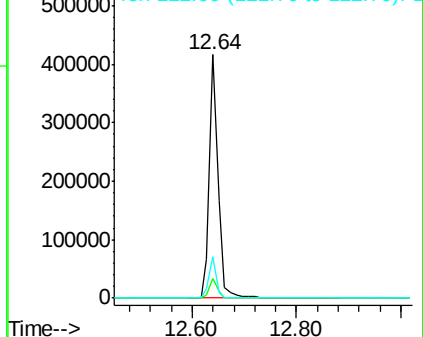
Acq: 26 Jul 2016 12:07

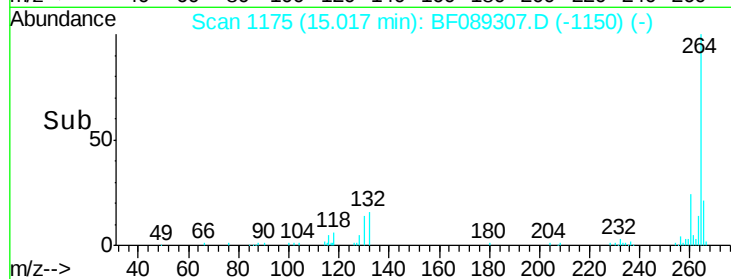
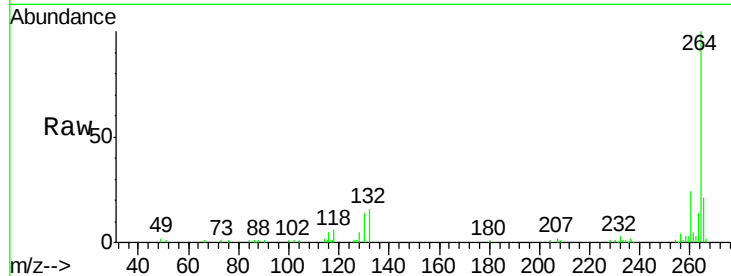
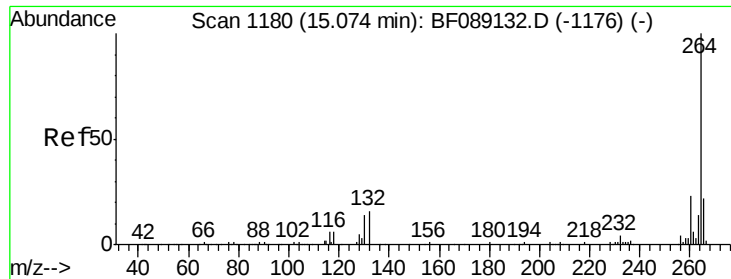
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	16.7	13.8	20.8

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF089307.D
Acq: 26 Jul 2016 12:07

Instrument :
BNA_F
ClientSampleId :
SW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.5	27.7
265	21.3	17.3	25.9

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