

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092847.D
 Acq On : 8 Feb 2017 2:16
 Operator : SJ/MA
 Sample : I1706-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCW-COMP-02

Manual Integrations
 APPROVED

mohammad
 2/8/2017 10:43:31 AM

Quant Time: Feb 08 04:28:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 23:52:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	136712m	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	570217	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	274571	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	462843	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	311180	20.00	ng	-0.01
86) Perylene-d12	15.52	264	268473	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1121468	140.74	ng	0.02
7) Phenol-d6	6.54	99	1130932	110.30	ng	0.00
23) Nitrobenzene-d5	7.47	82	848878	82.90	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	293255	147.67	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1373045	90.60	ng	0.00
78) Terphenyl-d14	13.01	244	1182578	89.29	ng	-0.01

Target Compounds Qvalue

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

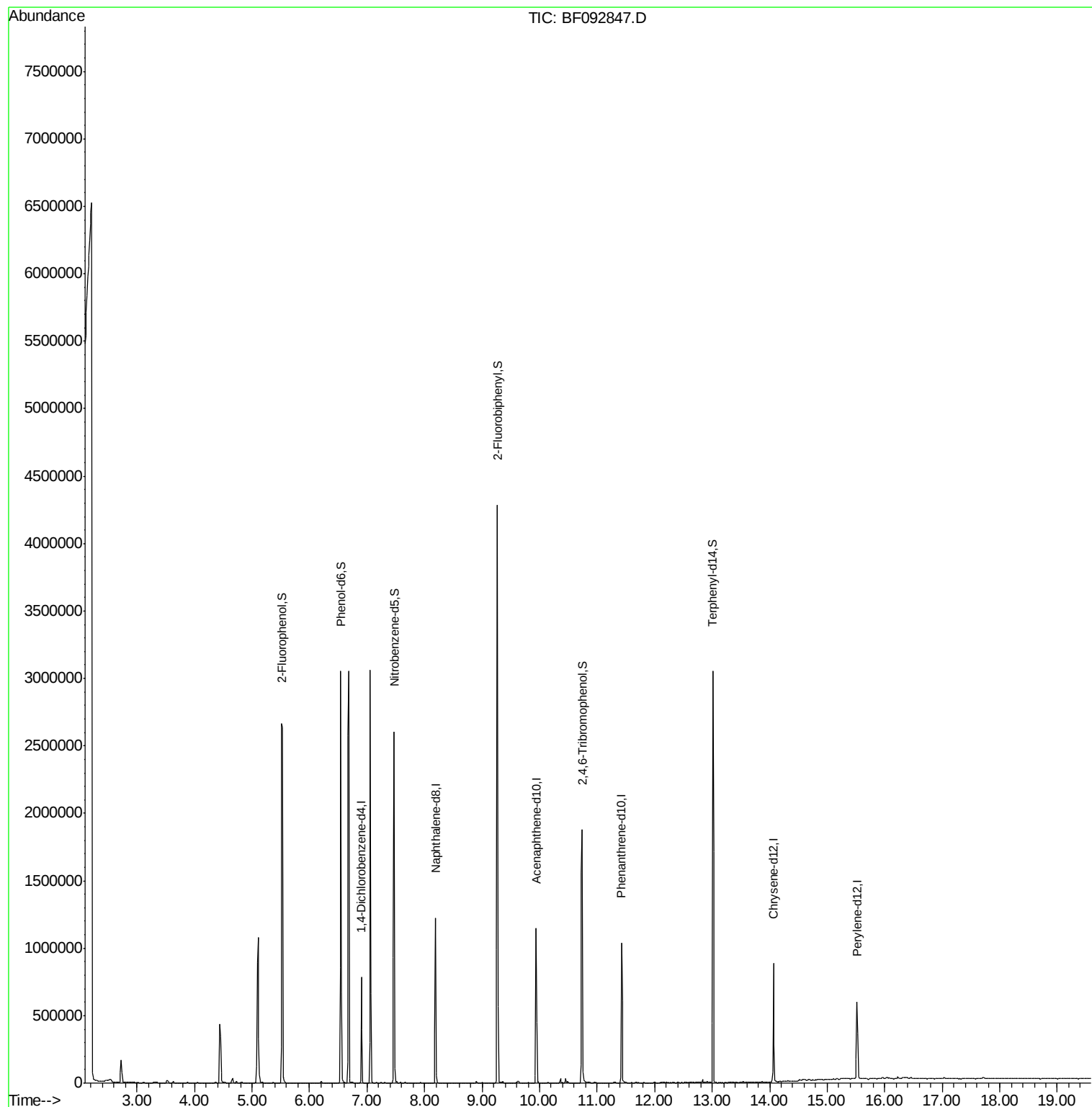
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
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ALS Vial : 24 Sample Multiplier: 1

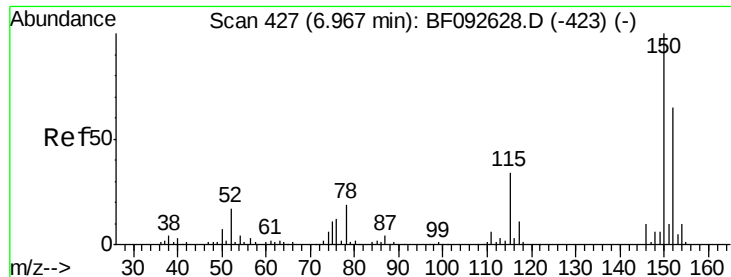
Instrument :
BNA_F
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#1

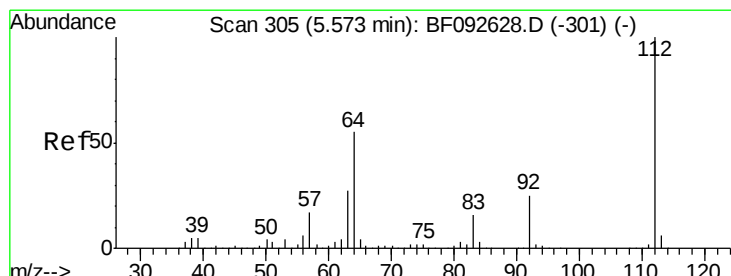
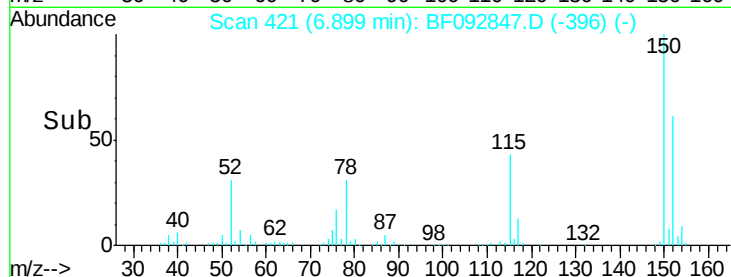
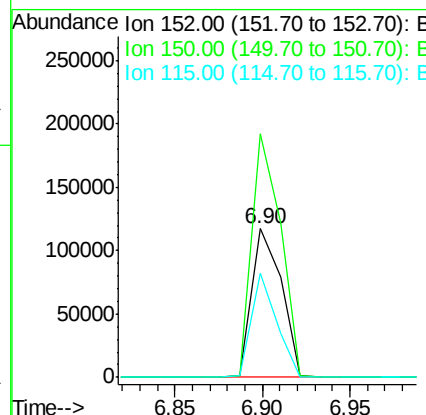
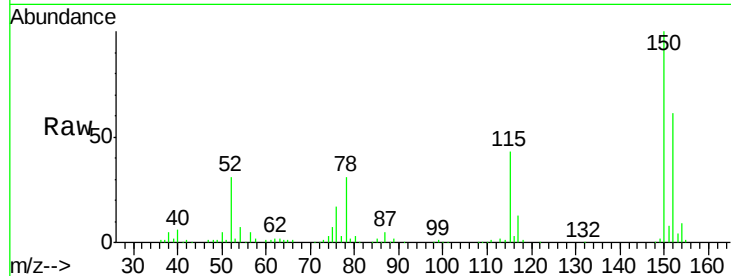
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF092847.D
Acq: 8 Feb 2017 2:16

Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.1	124.9	187.3
115	70.0	46.0	69.0

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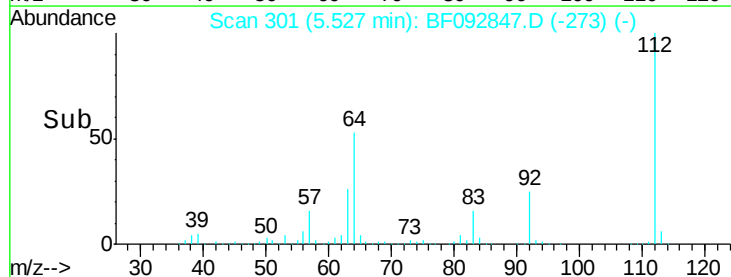
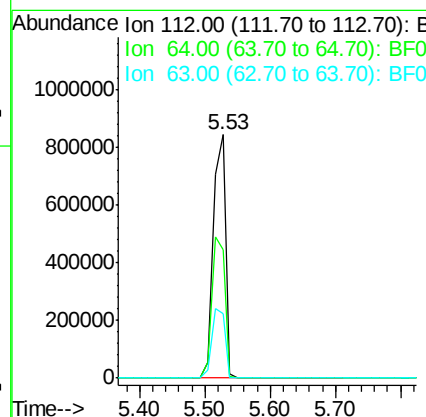
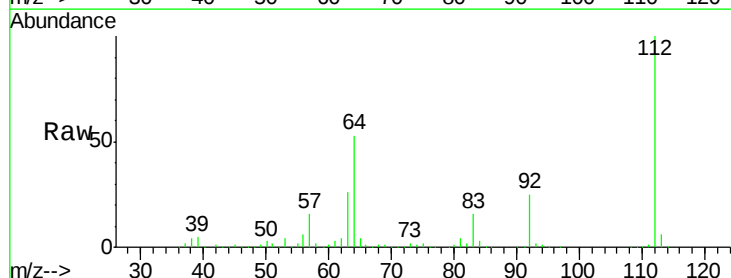
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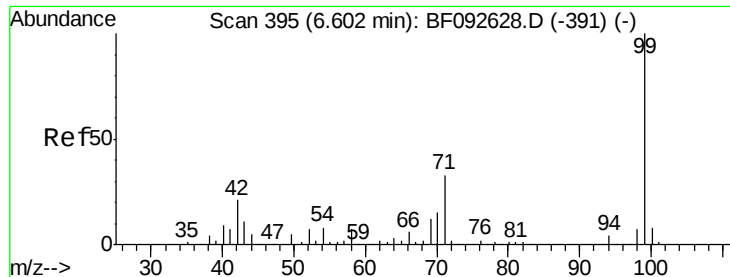


#5

2-Fluorophenol
Concen: 140.74 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.02 min
Lab File: BF092847.D
Acq: 8 Feb 2017 2:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	46.1	69.1
63	26.4	23.8	35.6





#7

Phenol-d6

Concen: 110.30 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF092847.D

Acq: 8 Feb 2017 2:16

Instrument :

BNA_F

ClientSampleId :

WC-SCW-COMP-02

Tot Ion: 99 Resp: 1130932

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

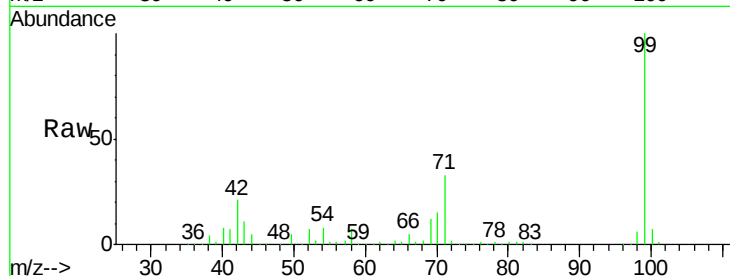
71 32.6 27.5 41.3

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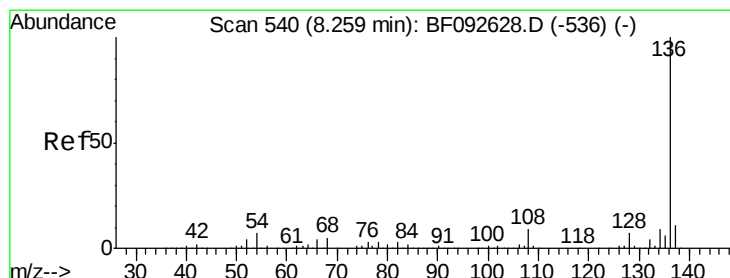
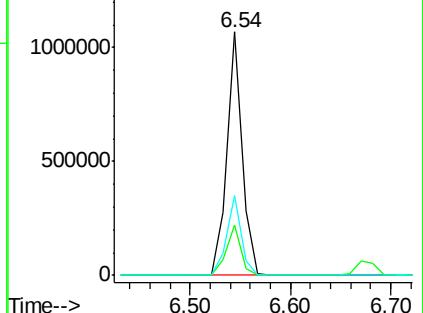
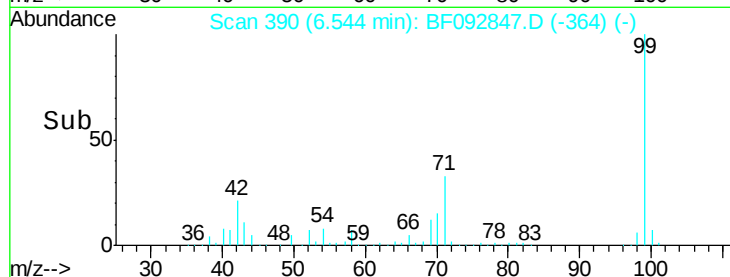
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF092847.D

Acq: 8 Feb 2017 2:16

Tgt Ion: 136 Resp: 570217

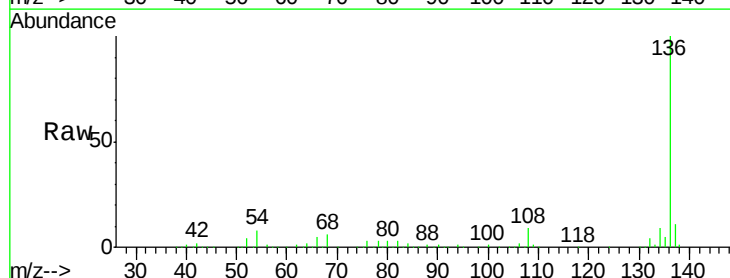
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 8.0 4.5 6.7#

68 5.7 3.6 5.4#

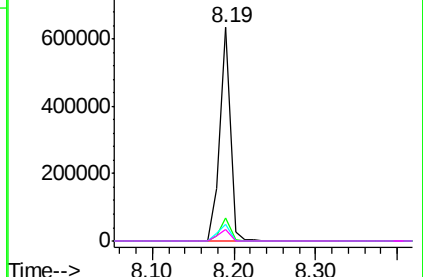
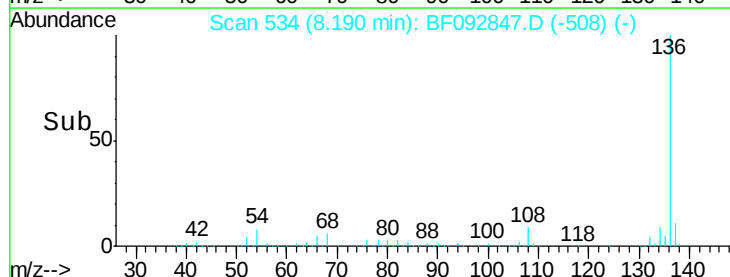


Abundance Ion 136.00 (135.70 to 136.70): E

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





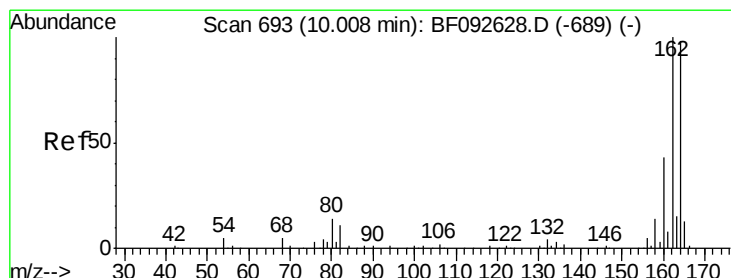
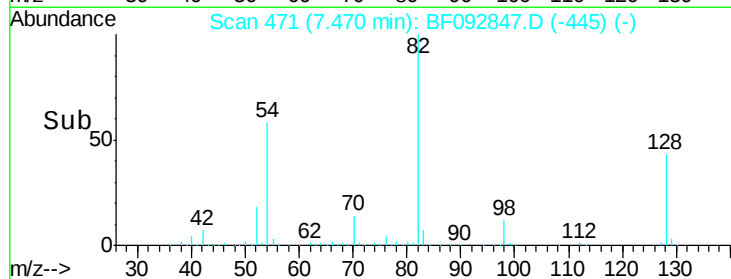
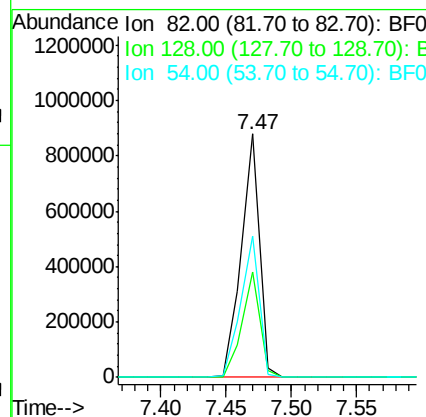
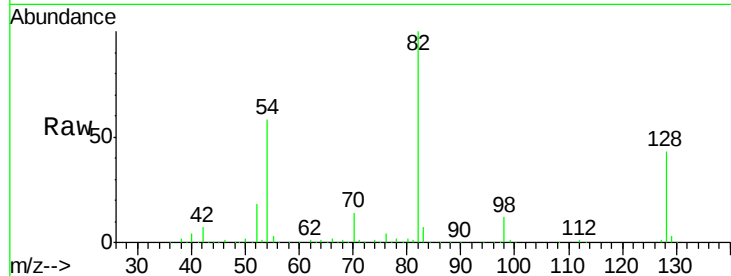
#23
 Nitrobenzene-d5
 Concen: 82.90 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF092847.D
 Acq: 8 Feb 2017 2:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCW-COMP-02

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	52.0
54	57.9	39.5	59.3

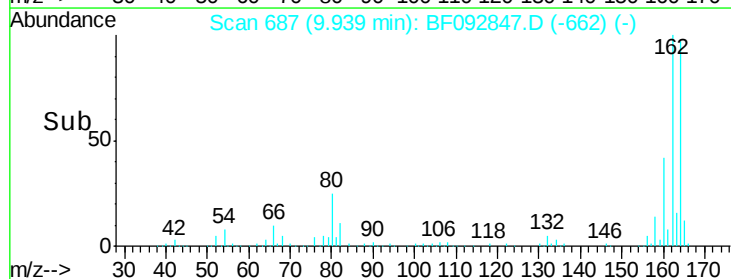
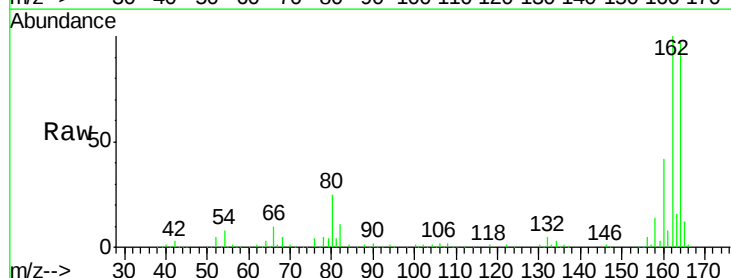
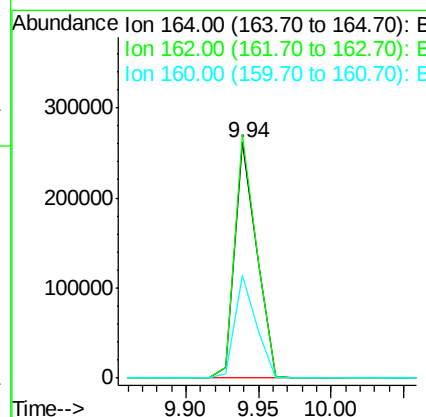
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF092847.D
 Acq: 8 Feb 2017 2:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.2	120.2
160	43.9	36.9	55.3





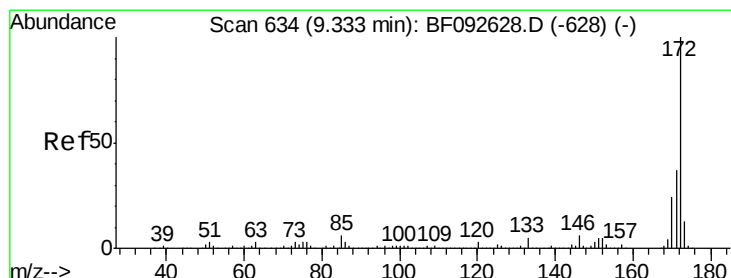
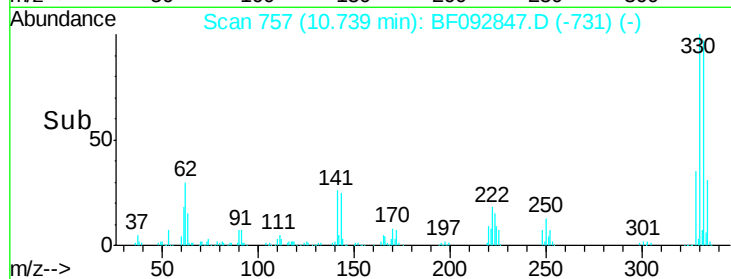
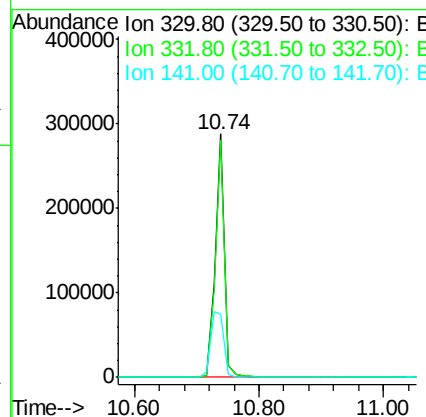
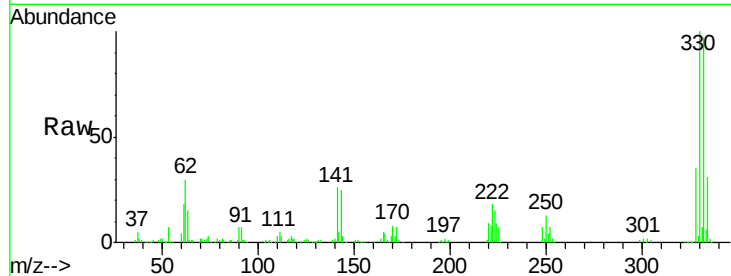
#41
 2,4,6-Tribromophenol
 Concen: 147.67 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF092847.D
 Acq: 8 Feb 2017 2:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCW-COMP-02

Tot Ion	Ratio	Resp	Lower	Upper
330	100	293255		
332	96.1		77.4	116.2
141	38.8		34.1	51.1

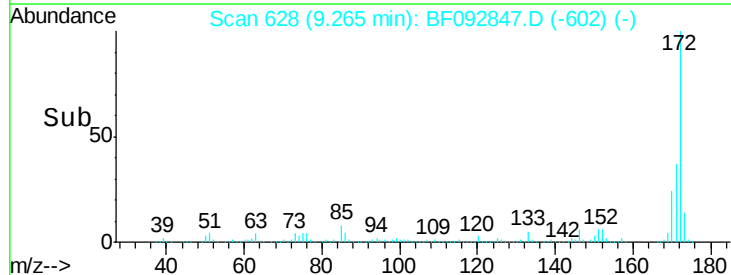
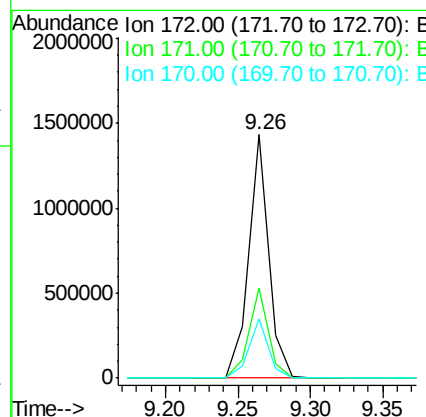
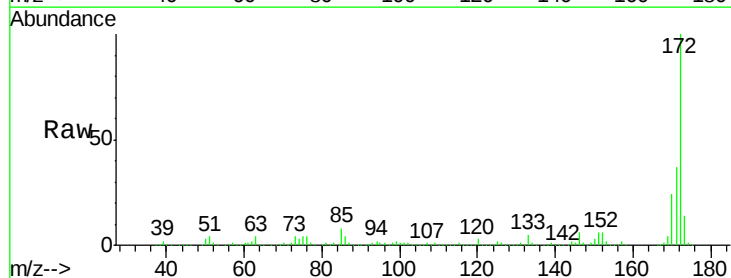
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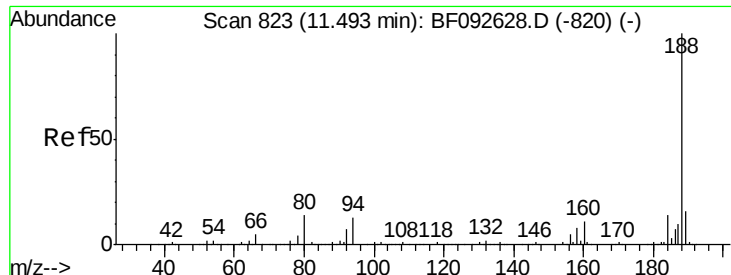
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#44
 2-Fluorobiphenyl
 Concen: 90.60 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092847.D
 Acq: 8 Feb 2017 2:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1373045		
171	36.9		29.4	44.0
170	24.5		20.2	30.4





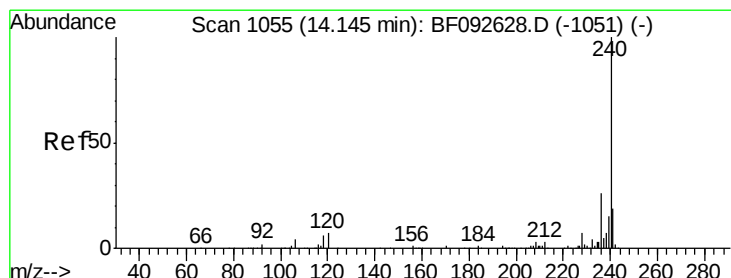
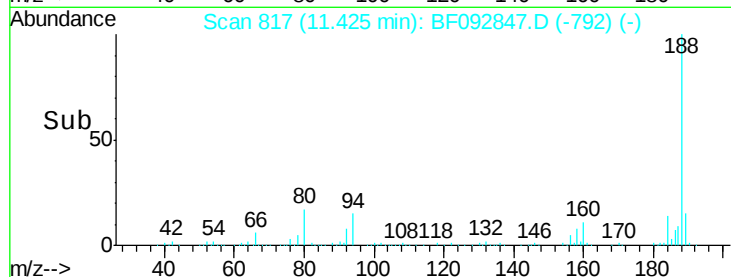
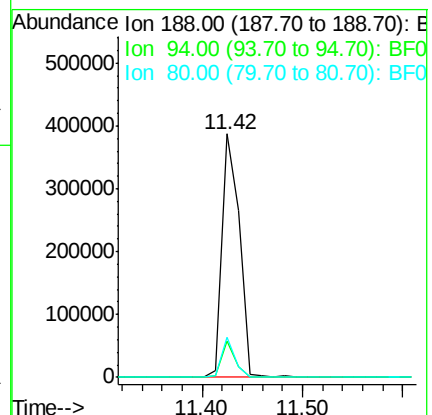
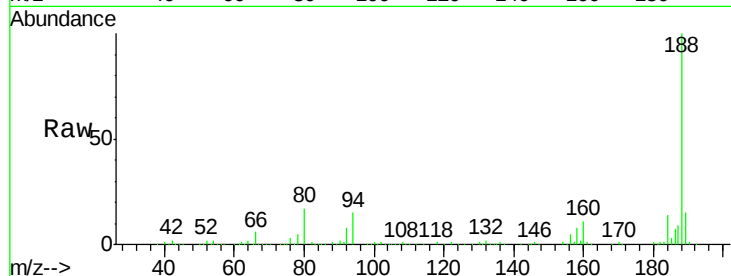
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF092847.D
Acq: 8 Feb 2017 2:16

Instrument :
BNA_F
ClientSampleId :
WC-SCW-COMP-02

Tot Ion	Ratio	Resp	Lower	Upper
188	100	462843		
94	14.9	10.0	15.0	
80	16.6	11.2	16.8	

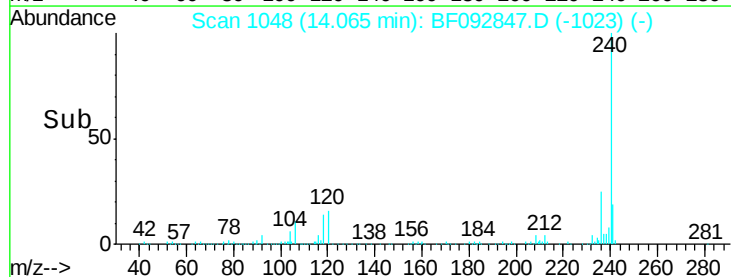
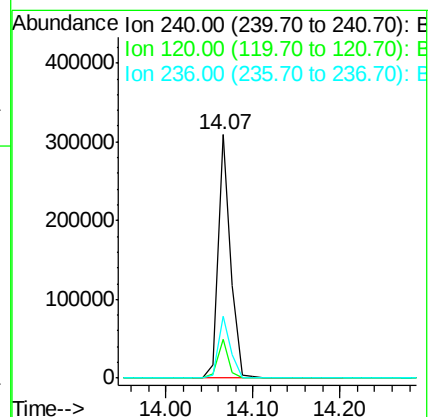
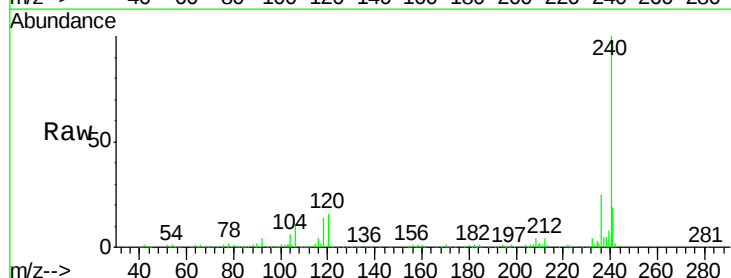
Manual Integrations
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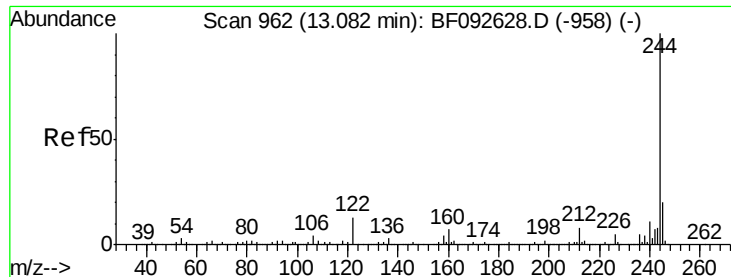
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF092847.D
Acq: 8 Feb 2017 2:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	311180		
120	15.8	12.9	19.3	
236	25.5	20.9	31.3	





#78
 Terphenyl-d14
 Concen: 89.29 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF092847.D
 Acq: 8 Feb 2017 2:16

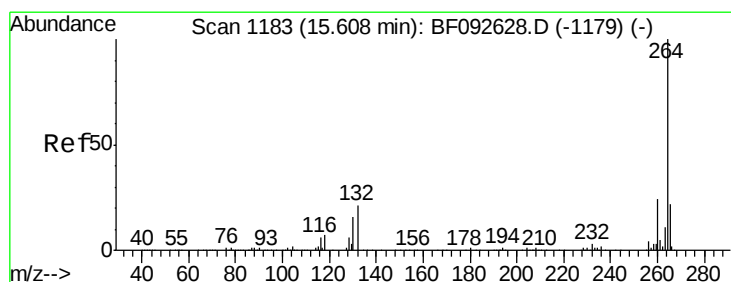
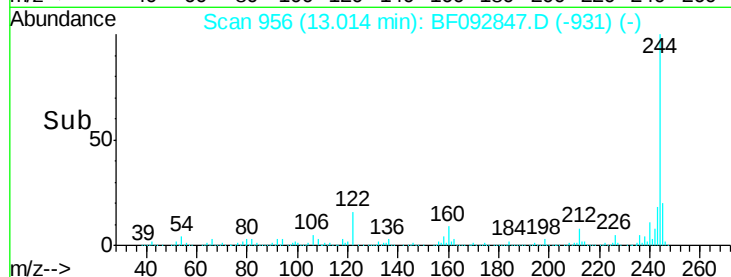
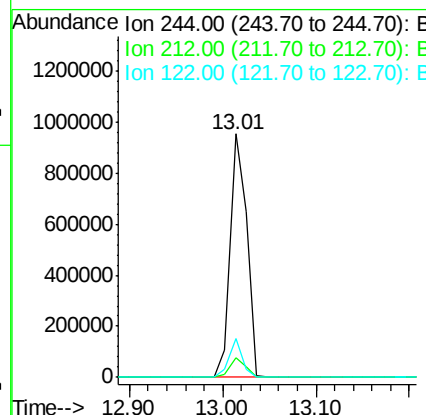
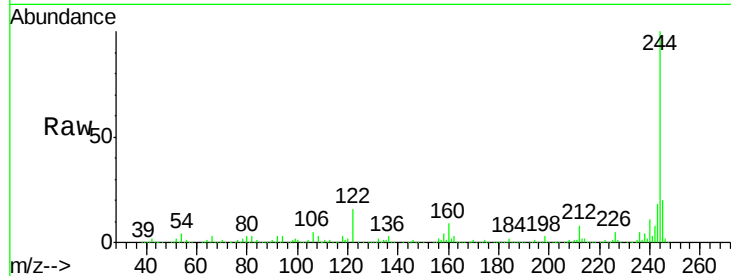
Instrument :
 BNA_F
 ClientSampleId :
 WC-SCW-COMP-02

Tot Ion:244 Resp: 1182578

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	16.0	11.4	17.2

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF092847.D
 Acq: 8 Feb 2017 2:16

Tgt Ion:264 Resp: 268473

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.4	26.0

