

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096942.D
 Acq On : 21 Jul 2017 14:17
 Operator : SJ/JU
 Sample : I4253-07 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-07-BASE

Manual Integrations
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Quant Time: Jul 24 11:24:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	94946	20.00	ng	-0.05
21) Naphthalene-d8	7.83	136	453397	20.00	ng	-0.05
38) Acenaphthene-d10	9.58	164	192553	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	312061	20.00	ng	-0.05
75) Chrysene-d12	13.68	240	206168	20.00	ng	-0.05
86) Perylene-d12	15.04	264	189619	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	76901	12.18	ng	-0.05
7) Phenol-d6	6.20	99	90682	11.97	ng	-0.05
23) Nitrobenzene-d5	7.12	82	56171	7.67	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	19929	12.13	ng	-0.05
44) 2-Fluorobiphenyl	8.91	172	92924	7.62	ng	-0.05
78) Terphenyl-d14	12.64	244	58377	4.91	ng	-0.05
Target Compounds						
11) bis(2-Chloroethyl)ether	6.29	93	29017	4.504	ng	86
14) 1,2-Dichlorobenzene	6.72	146	18951	2.841	ng	95
31) Naphthalene	7.86	128	123208	5.736	ng	99
37) 2-Methylnaphthalene	8.55	142	136544	9.972	ng	98
59) Diethylphthalate	10.01	149	33043	2.341	ng	95

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

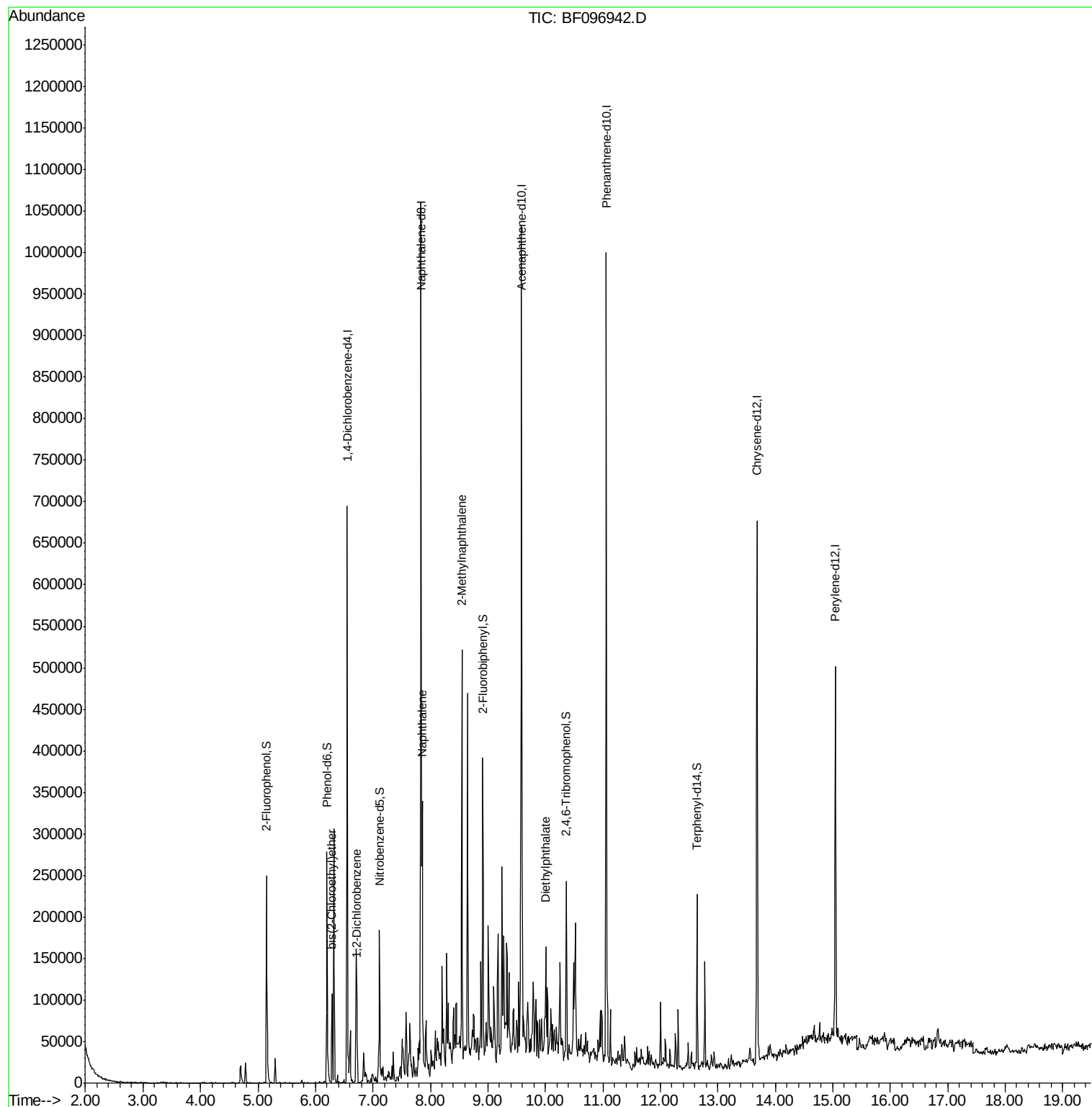
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096942.D
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Sample : I4253-07 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

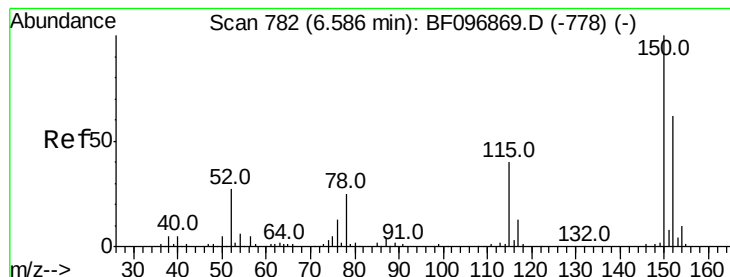
Instrument :
BNA_F
ClientSampleId :
E2-07-BASE

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Quant Time: Jul 24 11:24:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

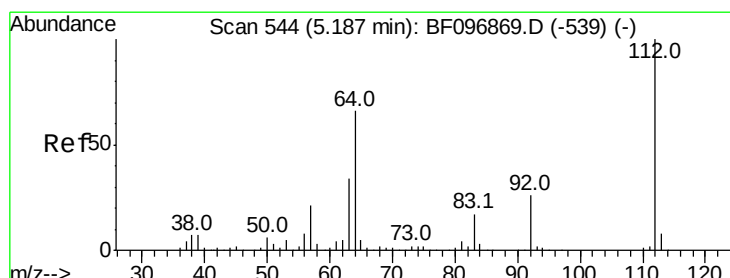
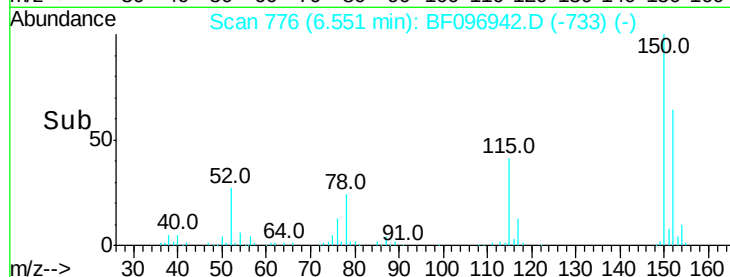
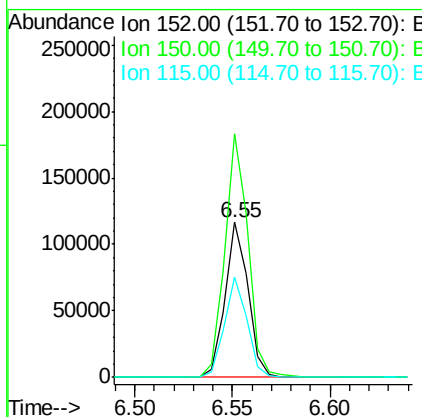
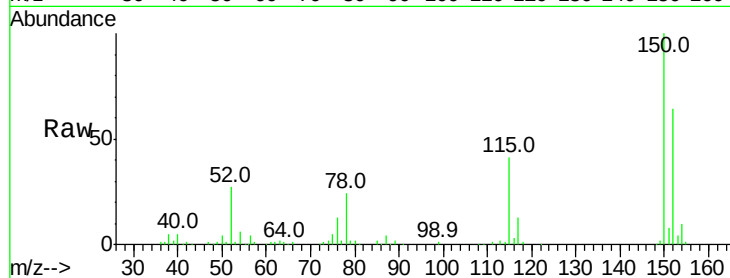
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.55 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF096942.D
Acq: 21 Jul 2017 14:17

Instrument :
BNA_F
ClientSampleId :
E2-07-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	64.7	52.2	78.2

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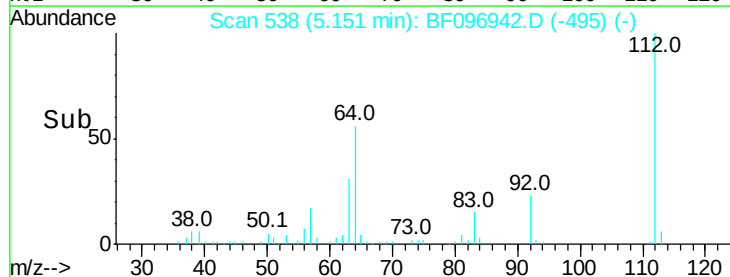
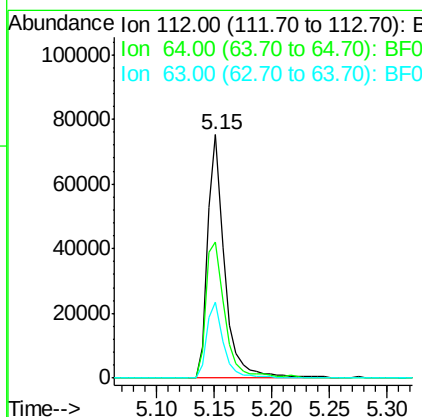
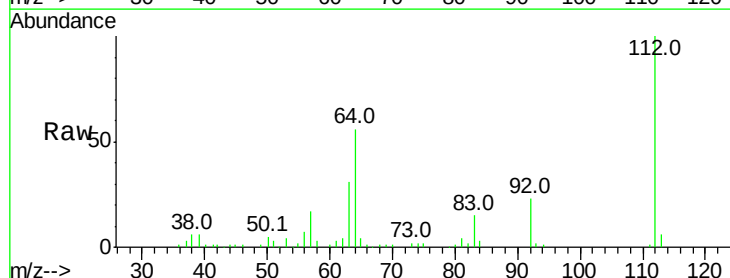
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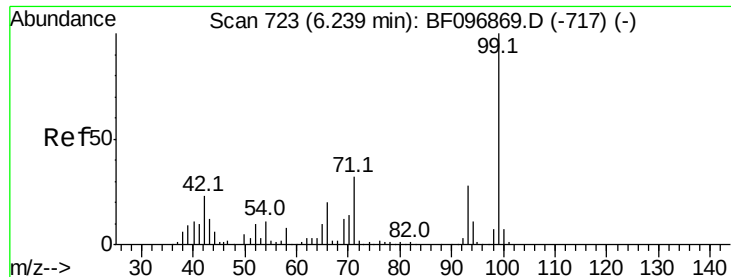


#5

2-Fluorophenol
Concen: 12.178 ng
RT: 5.15 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF096942.D
Acq: 21 Jul 2017 14:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.0	69.0
63	31.0	23.4	35.0





#7

Phenol-d6

Concen: 11.967 ng

RT: 6.20 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF096942.D

Acq: 21 Jul 2017 14:17

Instrument :

BNA_F

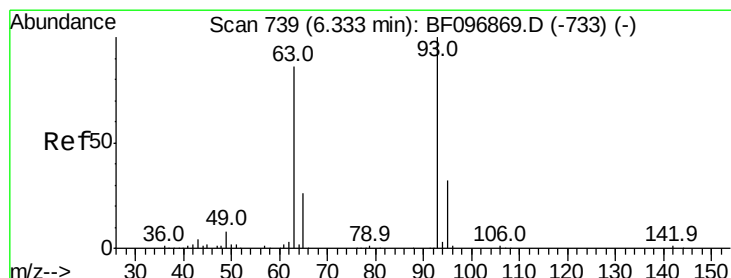
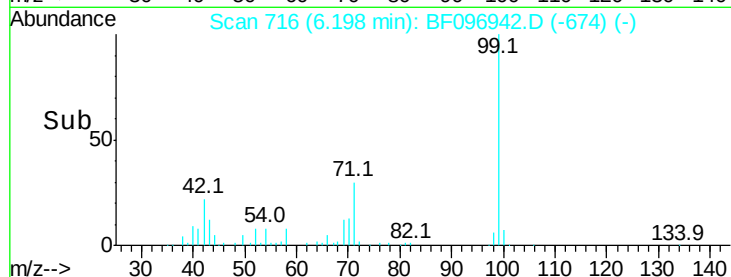
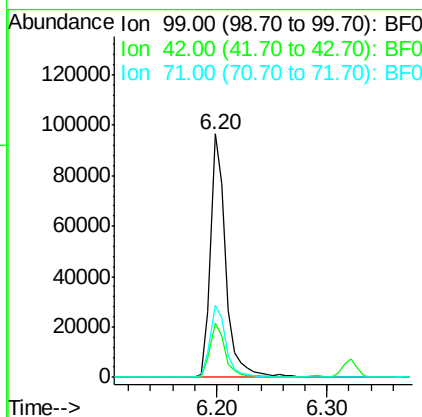
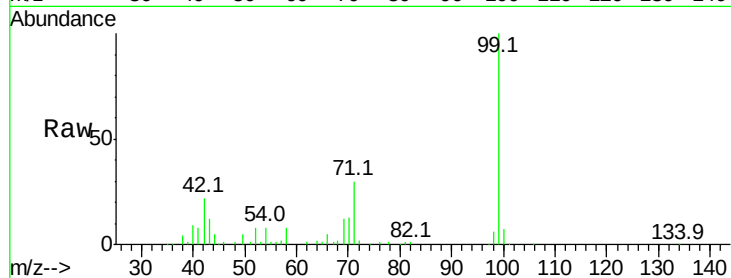
ClientSampleId :

E2-07-BASE

Tot Ion:	99	Resp:	90682
Ion Ratio	Lower	Upper	
99	100		
42	22.2	13.5	20.3#
71	29.8	24.5	36.7

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#11

bis(2-Chloroethyl)ether

Concen: 4.504 ng

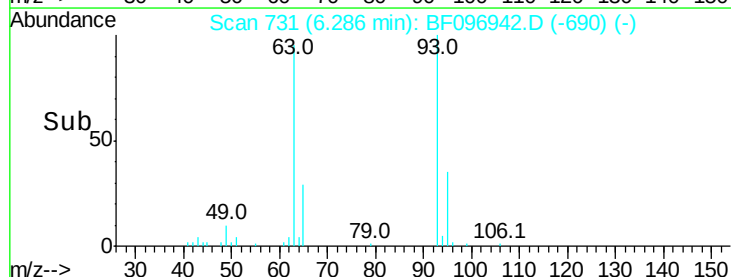
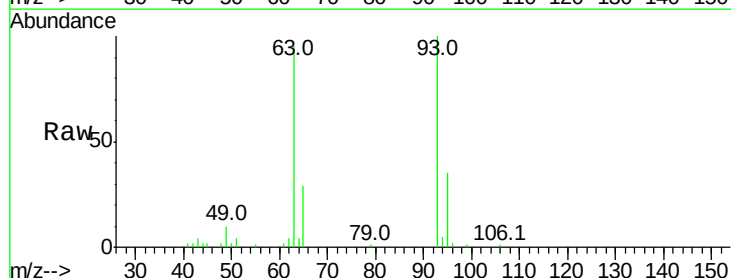
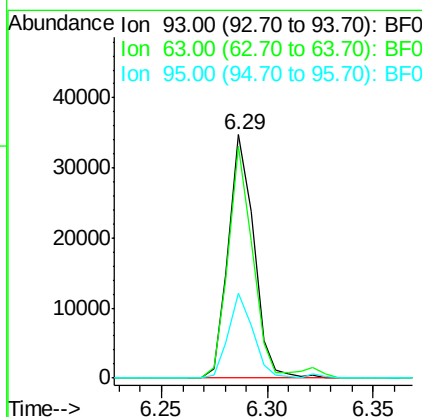
RT: 6.29 min Scan# 731

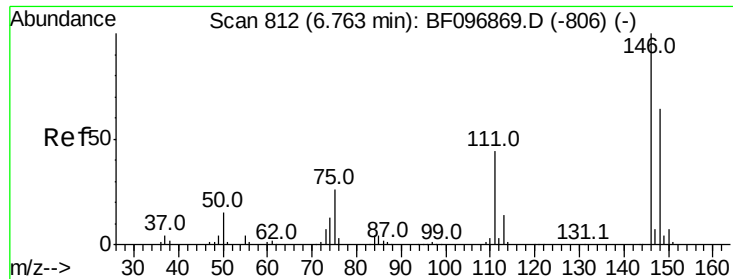
Delta R.T. -0.06 min

Lab File: BF096942.D

Acq: 21 Jul 2017 14:17

Tgt Ion:	93	Resp:	29017
Ion Ratio	Lower	Upper	
93	100		
63	95.2	59.2	99.2
95	35.0	12.8	52.8





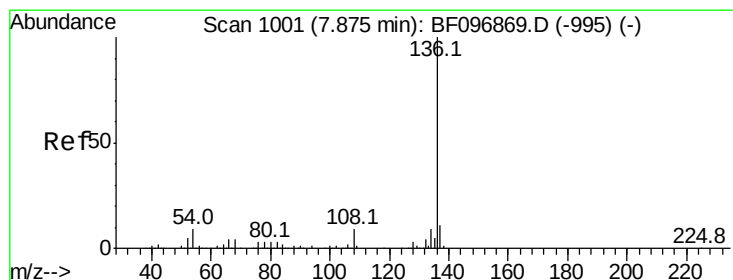
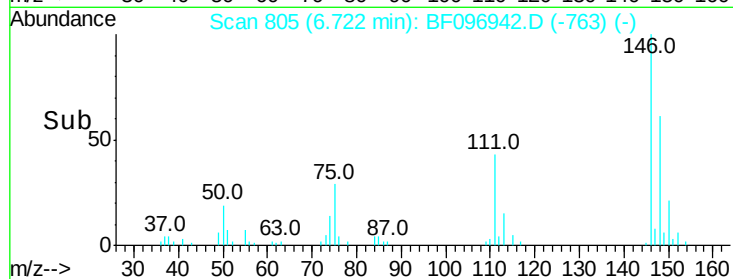
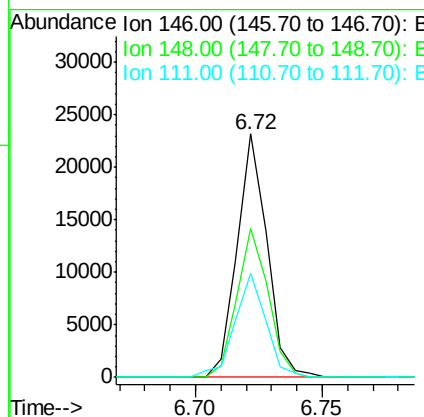
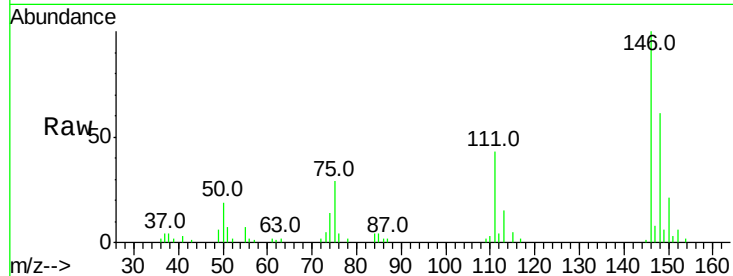
#14
 1,2-Dichlorobenzene
 Concen: 2.841 ng
 RT: 6.72 min Scan# 805
 Delta R.T. -0.05 min
 Lab File: BF096942.D
 Acq: 21 Jul 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-07-BASE

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	50.4	75.6
111	42.5	38.2	57.4

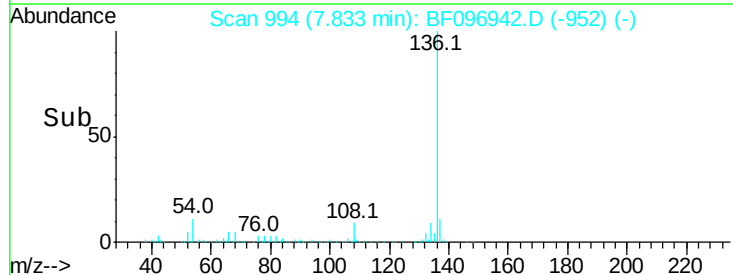
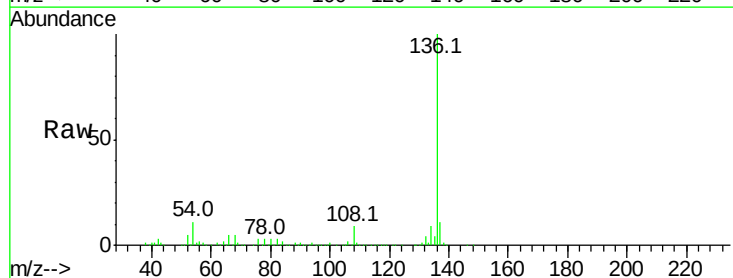
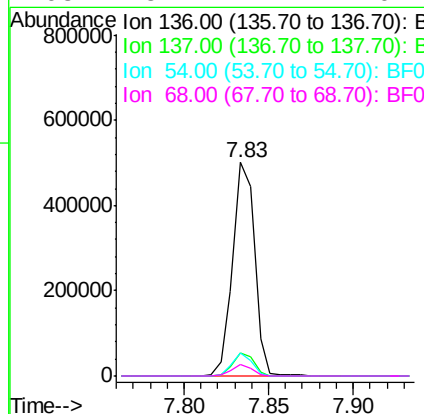
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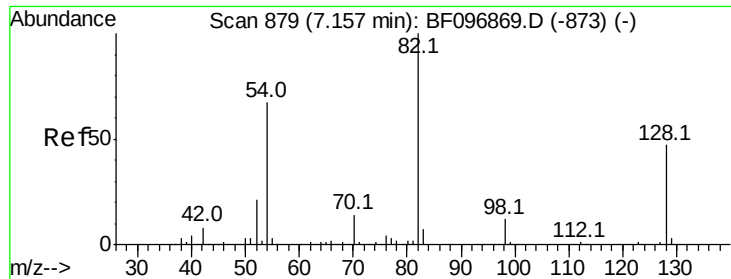
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#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.83 min Scan# 994
 Delta R.T. -0.05 min
 Lab File: BF096942.D
 Acq: 21 Jul 2017 14:17

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.8	4.9	7.3#
68	5.2	4.1	6.1





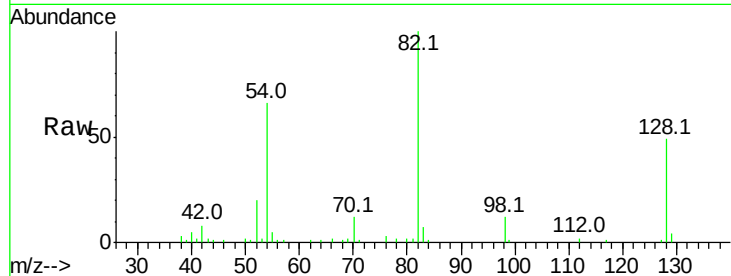
#23
Nitrobenzene-d5
Concen: 7.674 ng
RT: 7.12 min Scan# 872
Delta R.T. -0.05 min
Lab File: BF096942.D
Acq: 21 Jul 2017 14:17

Instrument :
BNA_F
ClientSampleId :
E2-07-BASE

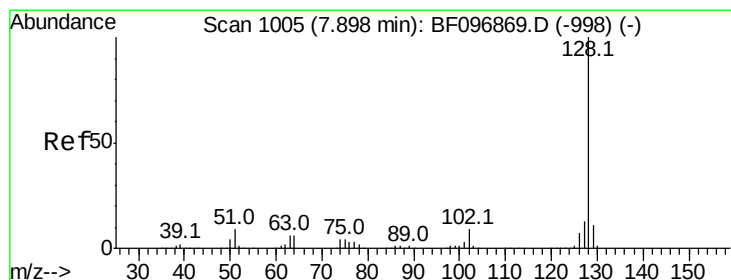
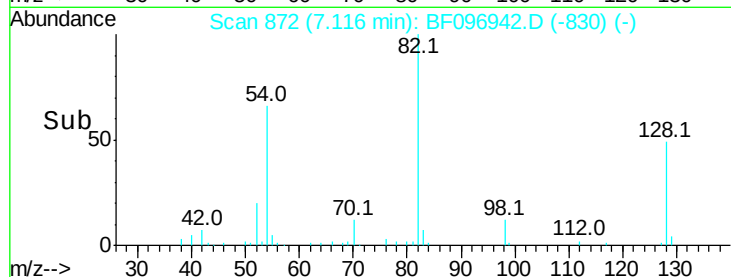
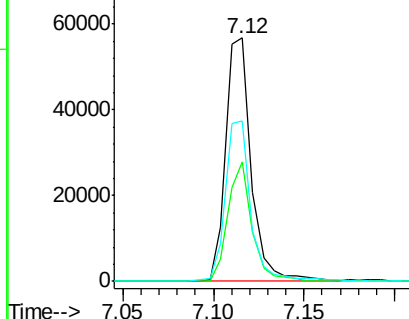
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.0	51.0
54	65.7	42.2	63.2

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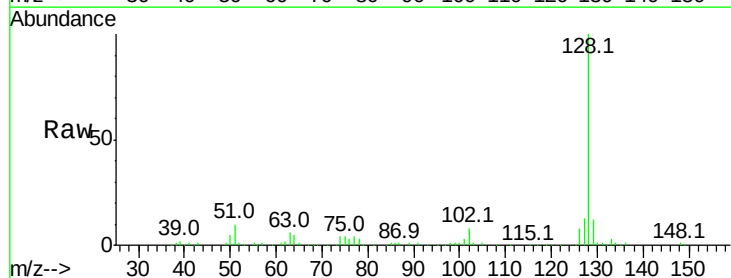


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

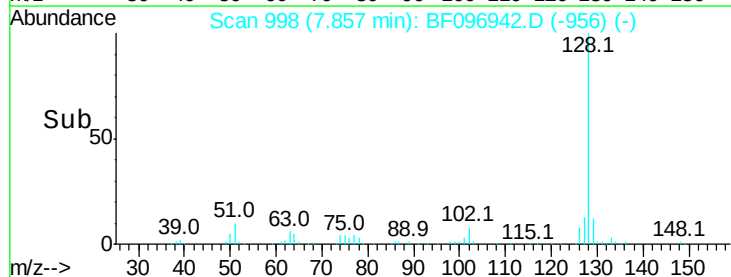
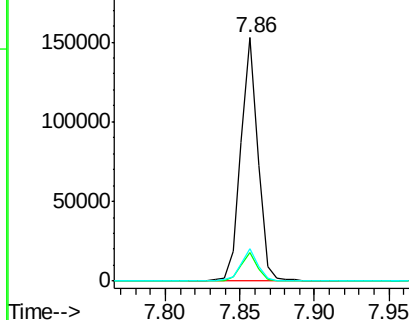


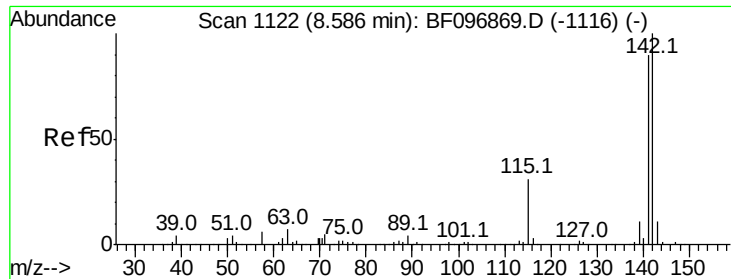
#31
Naphthalene
Concen: 5.736 ng
RT: 7.86 min Scan# 998
Delta R.T. -0.05 min
Lab File: BF096942.D
Acq: 21 Jul 2017 14:17

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.1	10.8	16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





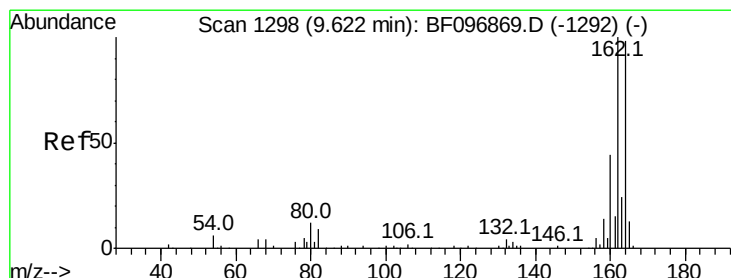
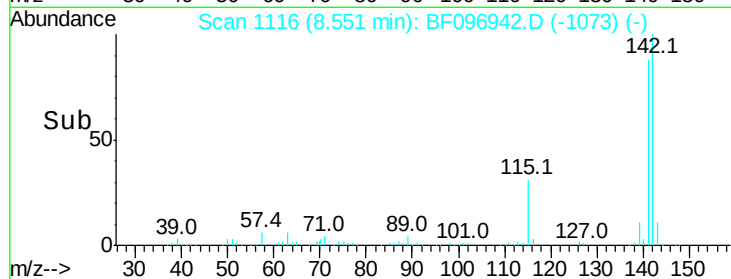
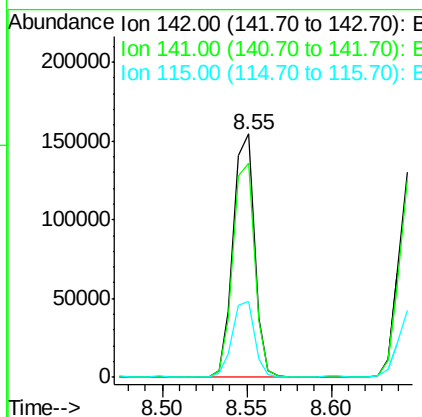
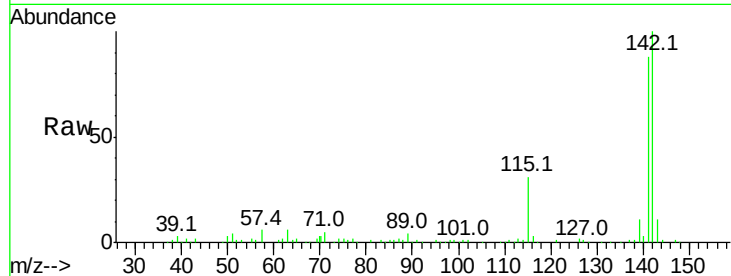
#37
2-Methylnaphthalene
Concen: 9.972 ng
RT: 8.55 min Scan# 1116
Delta R.T. -0.05 min
Lab File: BF096942.D
Acq: 21 Jul 2017 14:17

Instrument :
BNA_F
ClientSampleId :
E2-07-BASE

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	30.9	27.1	40.7

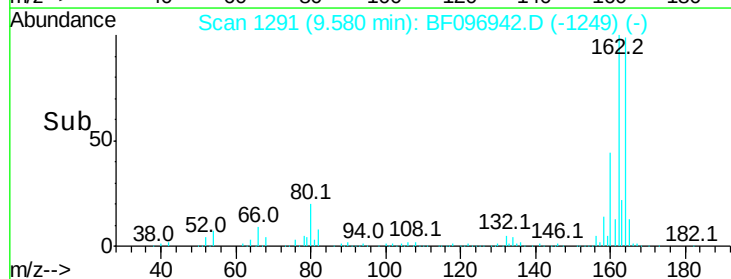
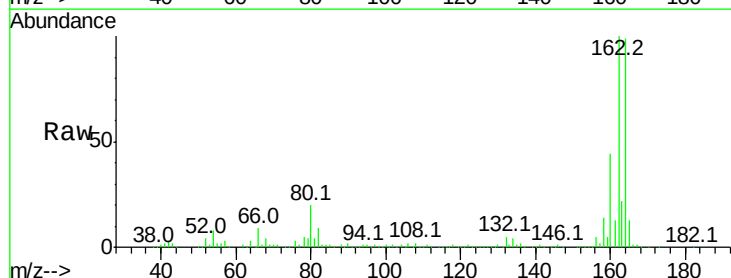
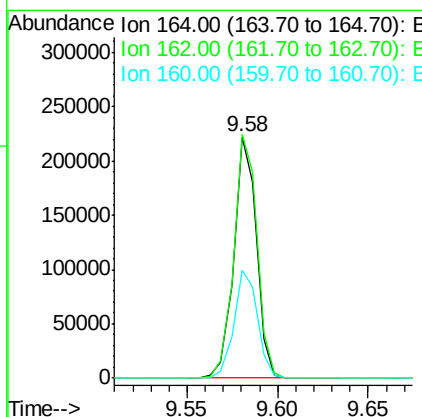
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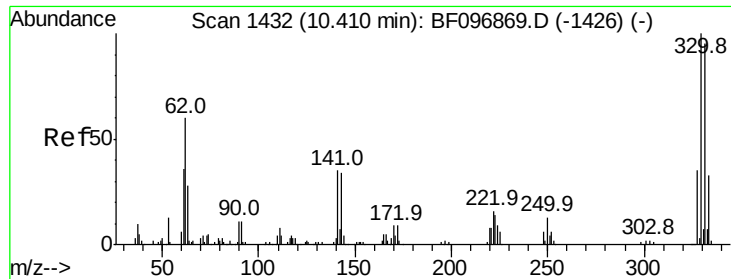
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.58 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF096942.D
Acq: 21 Jul 2017 14:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	44.5	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 12.125 ng

RT: 10.37 min Scan# 1425

Delta R.T. -0.05 min

Lab File: BF096942.D

Acq: 21 Jul 2017 14:17

Instrument :

BNA_F

ClientSampleId :

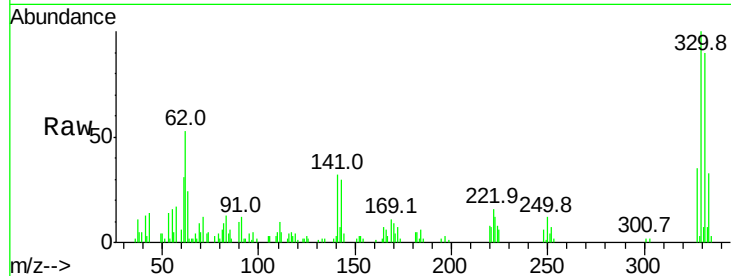
E2-07-BASE

Tot Ion:	330	Resp:	19929
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.6	115.0
141	45.2	31.4	47.2

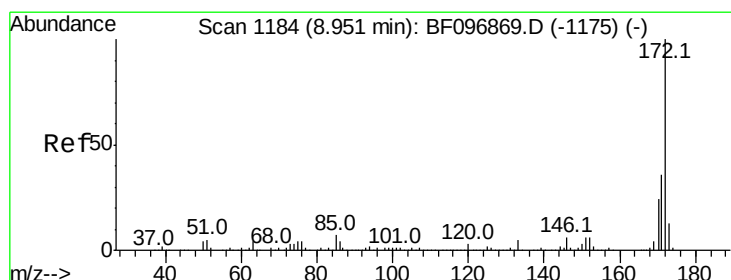
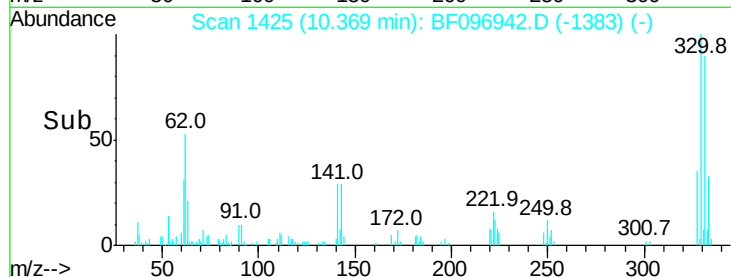
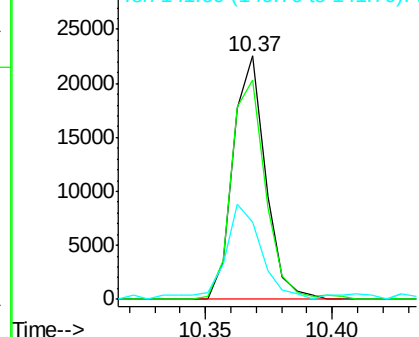
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 7.625 ng

RT: 8.91 min Scan# 1177

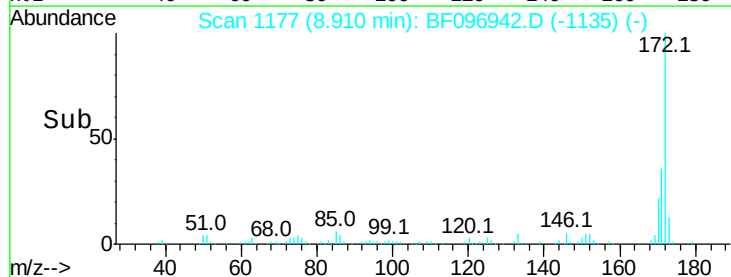
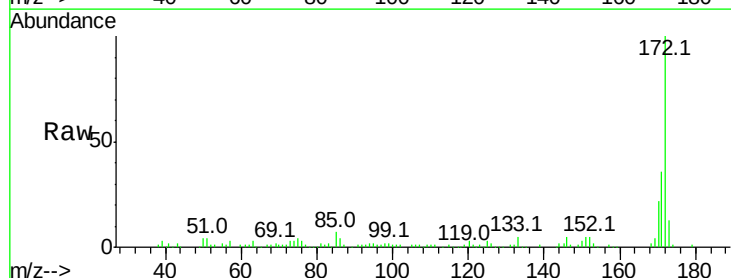
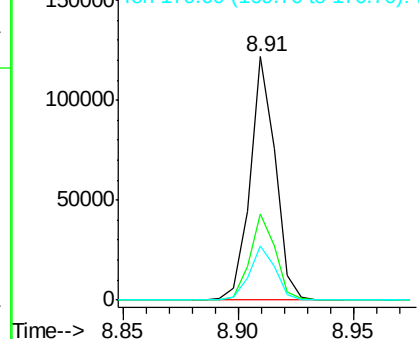
Delta R.T. -0.05 min

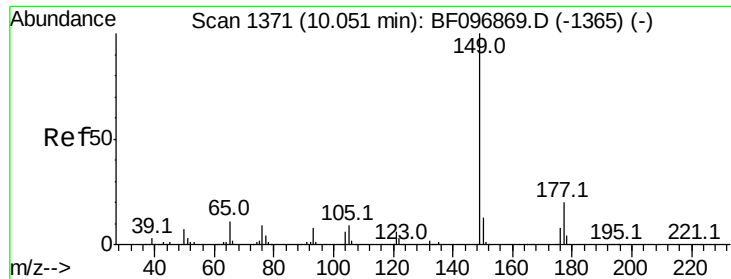
Lab File: BF096942.D

Acq: 21 Jul 2017 14:17

Tgt Ion:	172	Resp:	92924
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.6	44.4
170	22.1	19.8	29.8

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





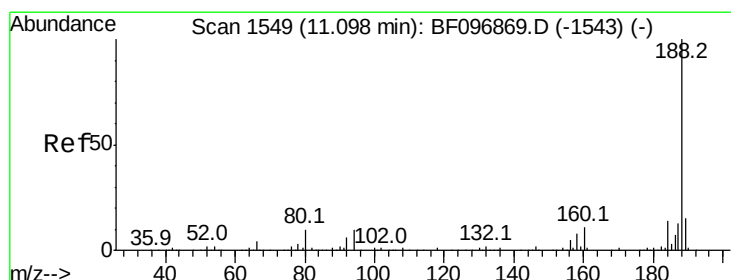
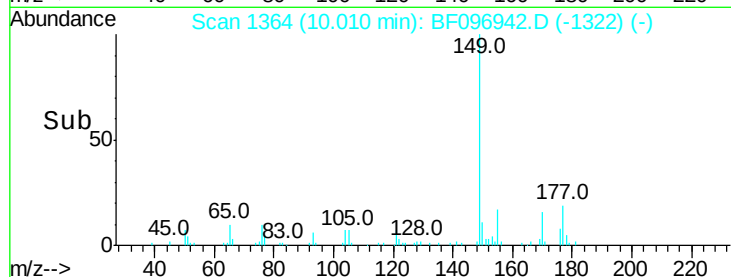
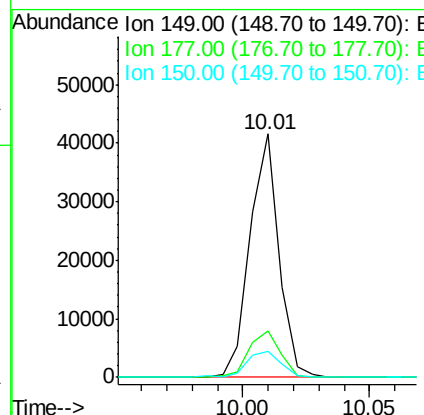
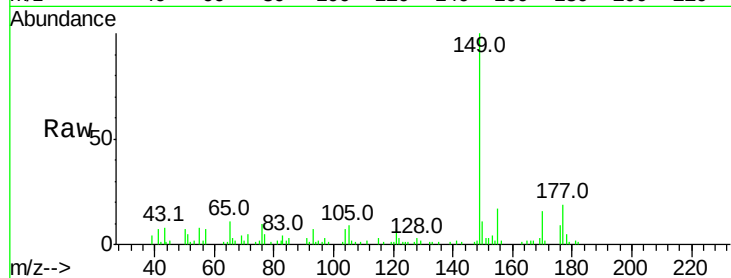
#59
Diethylphthalate
Concen: 2.341 ng
RT: 10.01 min Scan# 1364
Delta R.T. -0.05 min
Lab File: BF096942.D
Acq: 21 Jul 2017 14:17

Instrument :
BNA_F
ClientSampled :
E2-07-BASE

Tot Ion	Ratio	Lower	Upper
149	100		
177	18.9	16.7	25.1
150	10.5	10.2	15.2

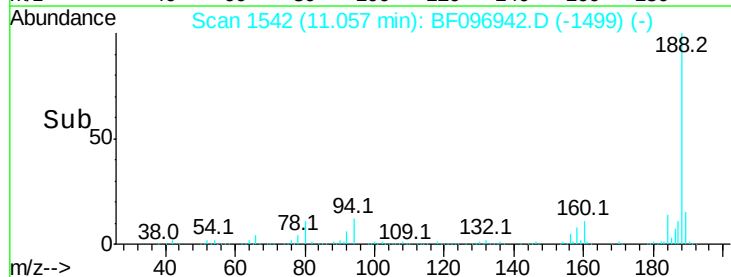
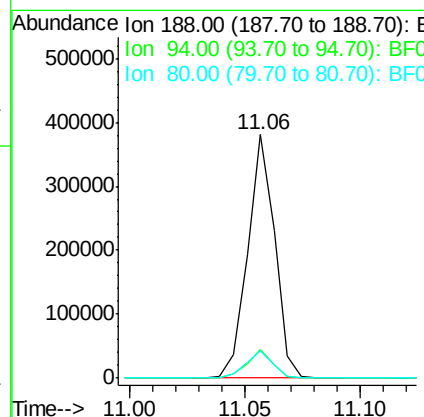
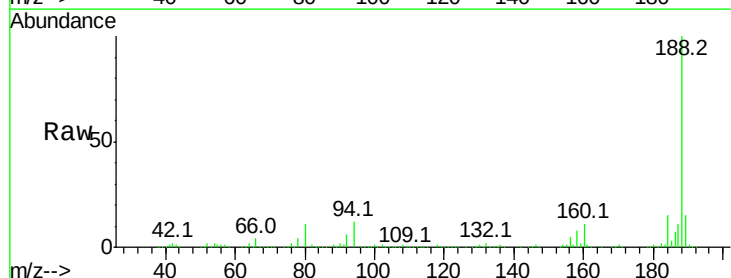
Manual Integrations
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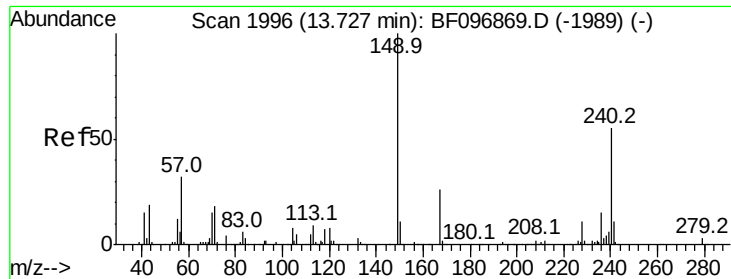
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096942.D
Acq: 21 Jul 2017 14:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	11.1	10.2	15.2





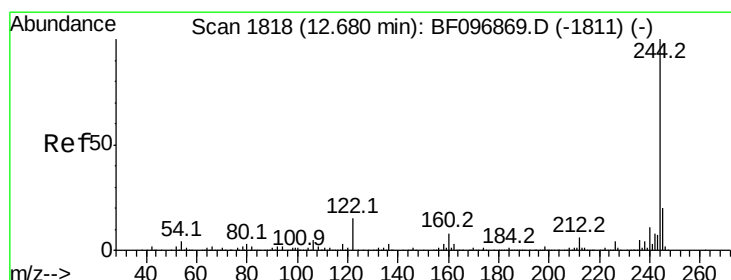
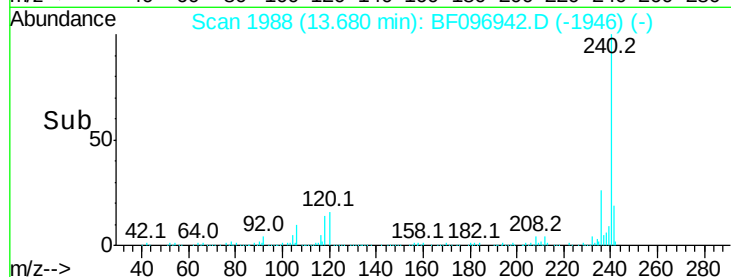
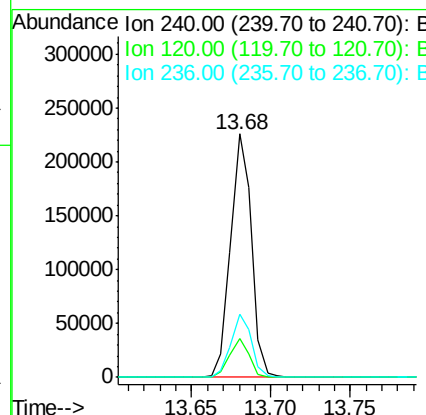
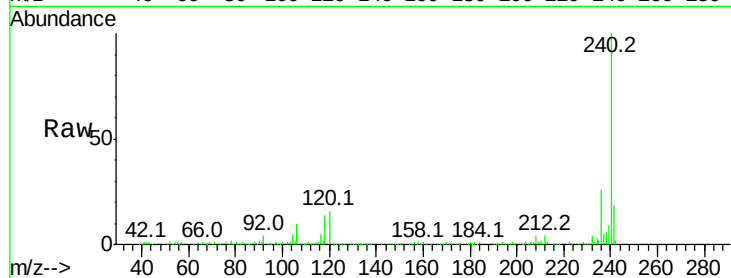
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.68 min Scan# 1988
 Delta R.T. -0.05 min
 Lab File: BF096942.D
 Acq: 21 Jul 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-07-BASE

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.8	8.8#
236	26.1	20.5	30.7

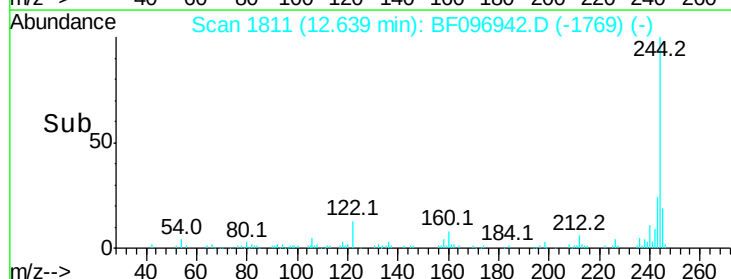
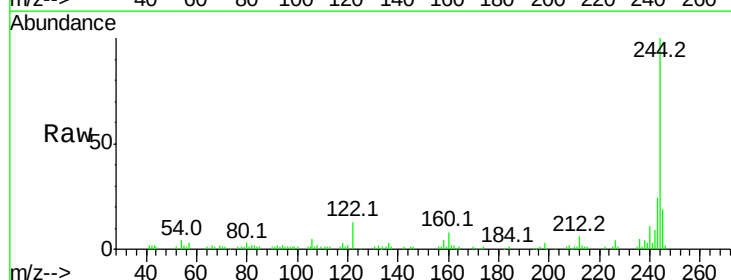
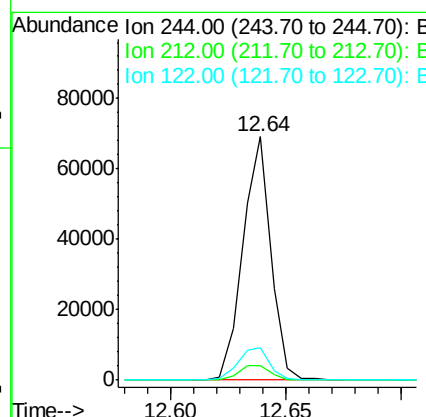
Manual Integrations
 APPROVED

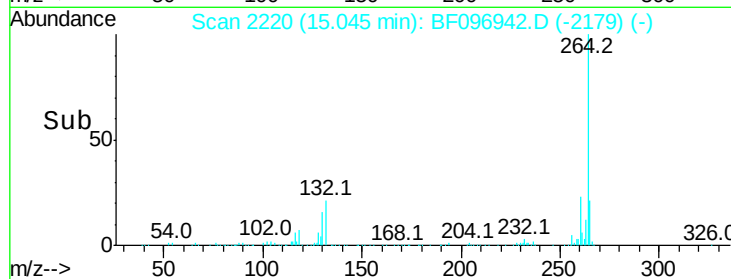
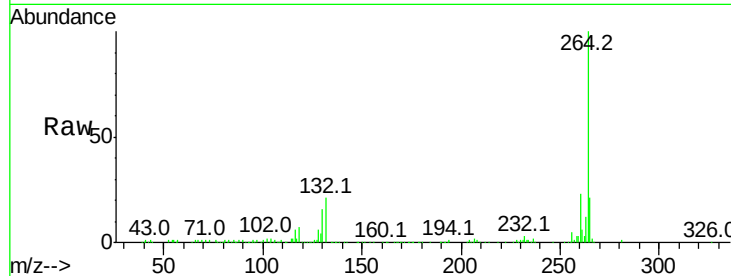
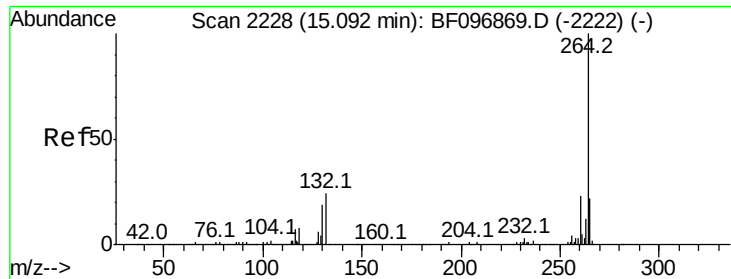
Sohil
 7/24/2017 3:05:09 PM



#78
 Terphenyl-d14
 Concen: 4.911 ng
 RT: 12.64 min Scan# 1811
 Delta R.T. -0.05 min
 Lab File: BF096942.D
 Acq: 21 Jul 2017 14:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	13.4	10.3	15.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.04 min Scan# 2220
Delta R.T. -0.06 min
Lab File: BF096942.D
Acq: 21 Jul 2017 14:17

Instrument :
BNA_F
ClientSampleId :
E2-07-BASE

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.9	17.2	25.8

Manual Integrations
APPROVED

Sohil
7/24/2017 3:05:09 PM

