

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085371.D
 Acq On : 11 Mar 2016 14:44
 Operator : UM/SJ
 Sample : H1731-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Manual Integrations
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 3/14/2016 10:44:56 AM

Quant Time: Mar 11 23:25:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	131363	20.00	ng	-0.06
21) Naphthalene-d8	8.22	136	548680	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	262707	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	506227	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	427776	20.00	ng	-0.05
86) Perylene-d12	15.57	264	317477	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1328677	169.66	ng	-0.05
7) Phenol-d6	6.56	99	1600850	156.02	ng	-0.05
23) Nitrobenzene-d5	7.50	82	1034817	100.92	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	355120	157.98	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1747655	101.17	ng	-0.05
78) Terphenyl-d14	13.05	244	1384740	75.15	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	344710	17.10	ng	99
74) Fluoranthene	12.68	202	99594	3.74	ng	96
77) Pyrene	12.91	202	83019	2.58	ng	97
83) Bis(2-ethylhexyl)phthalate	14.08	149	43402	2.26	ng	99
84) Di-n-octyl phthalate	14.73	149	95575	3.26	ng	# 55
87) Benzo(b)fluoranthene	15.13	252	42623m	2.01	ng	

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

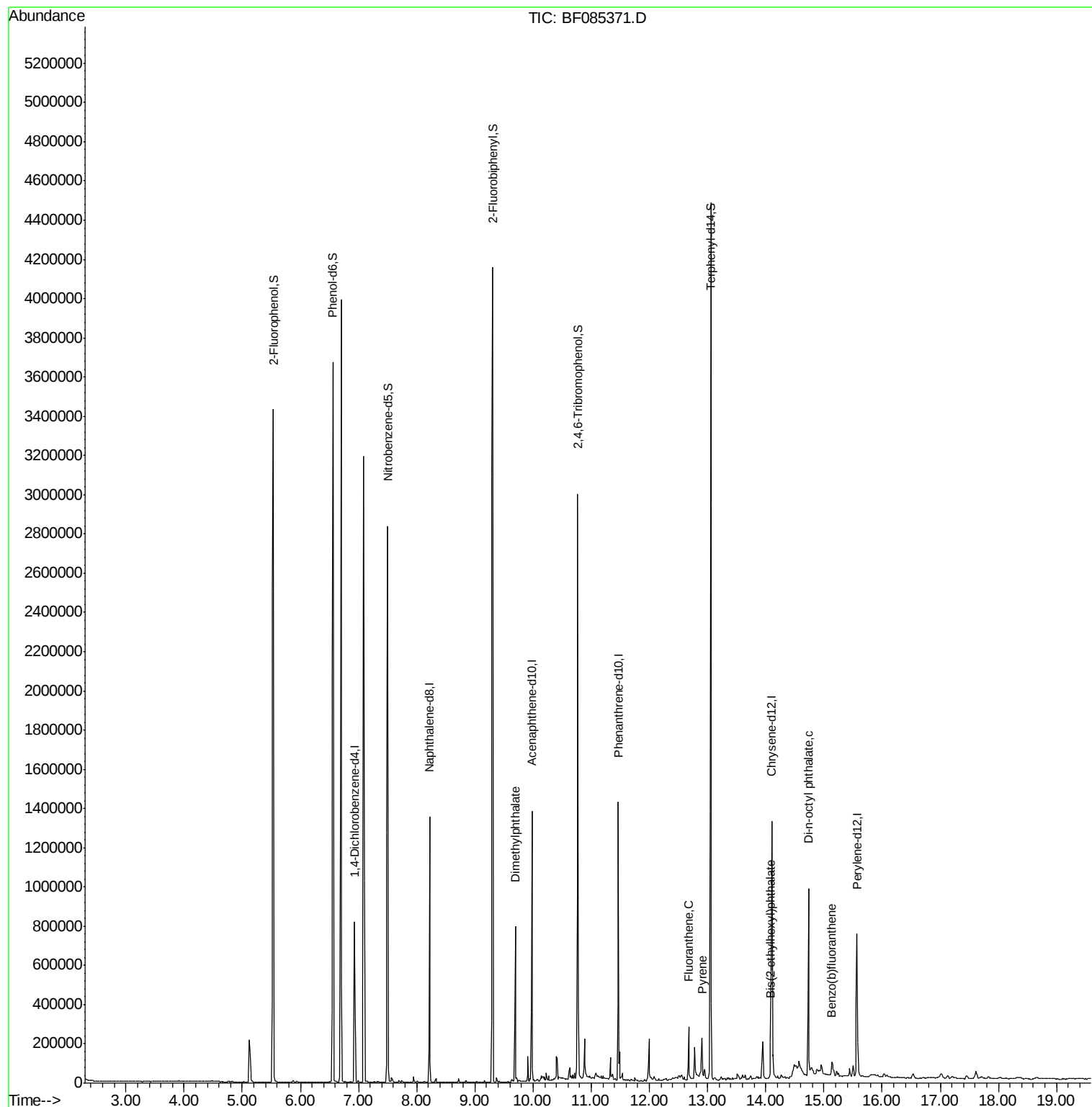
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
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ALS Vial : 30 Sample Multiplier: 1

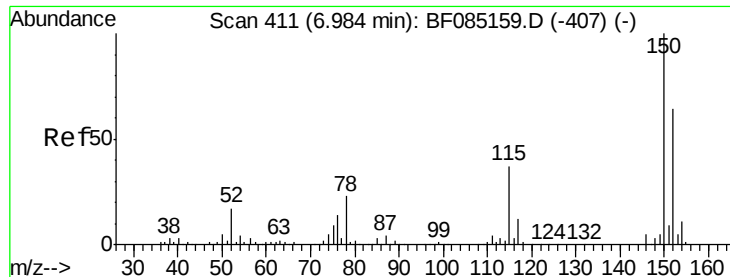
Instrument :
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ClientSampleId :
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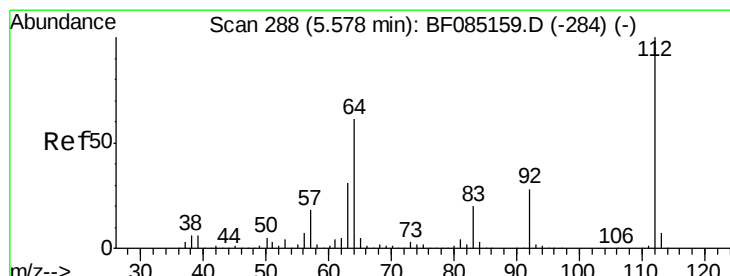
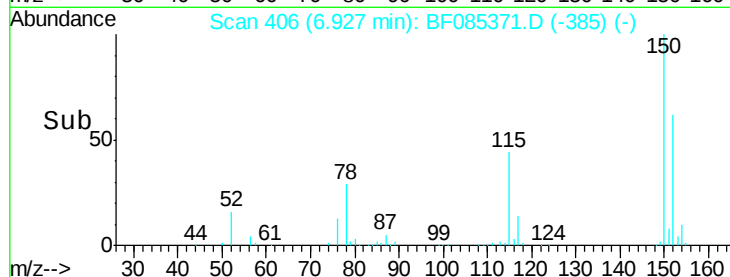
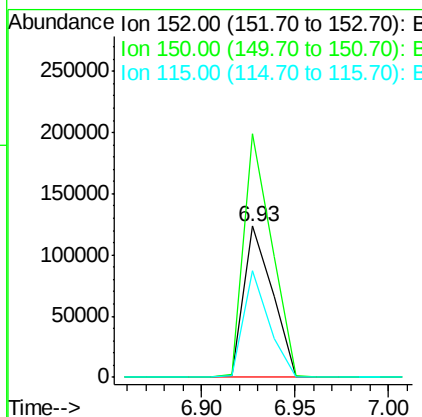
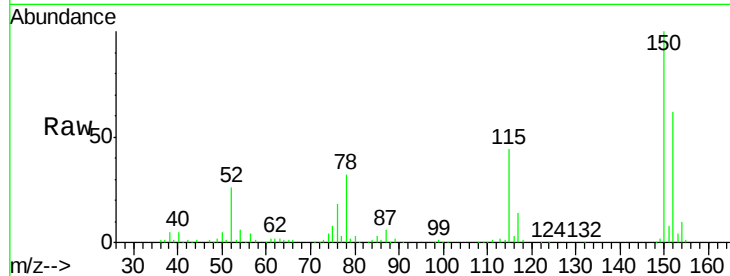
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 406
 Delta R.T. -0.06 min
 Lab File: BF085371.D
 Acq: 11 Mar 2016 14:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	71.0	46.6	70.0#

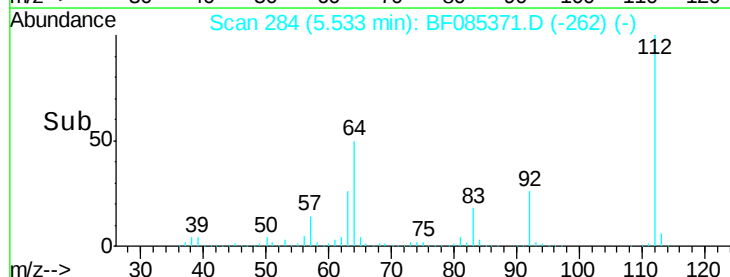
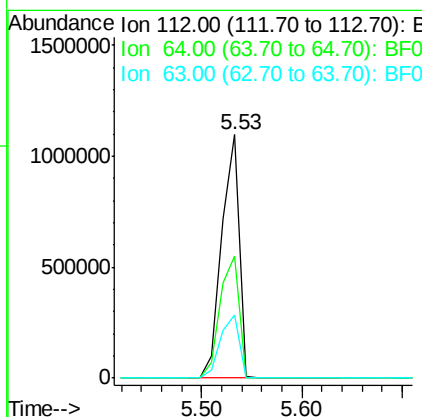
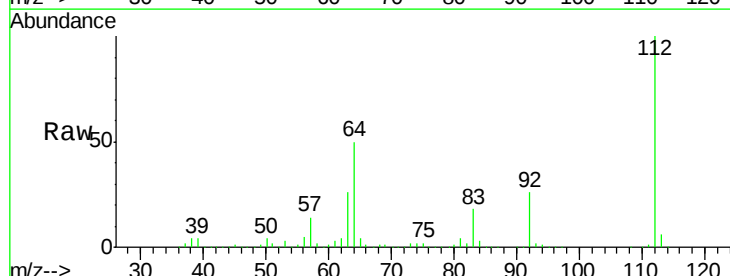
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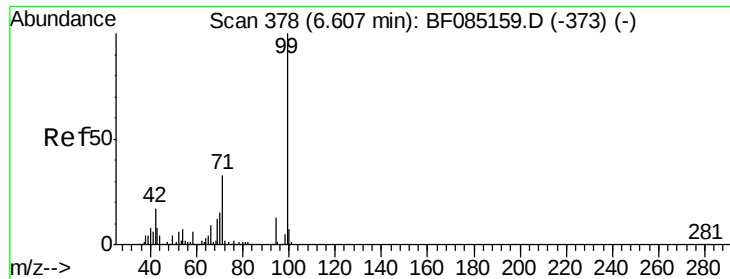
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#5
 2-Fluorophenol
 Concen: 169.66 ng
 RT: 5.53 min Scan# 284
 Delta R.T. -0.05 min
 Lab File: BF085371.D
 Acq: 11 Mar 2016 14:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.1	49.0	73.4
63	25.7	24.8	37.2





#7

Phenol-d6

Concen: 156.02 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085371.D

Acq: 11 Mar 2016 14:44

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

Tgt Ion: 99 Resp: 1600850

Ion Ratio Lower Upper

99 100

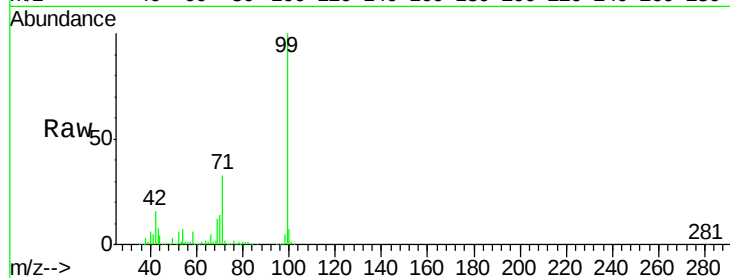
42 15.5 13.6 20.4

71 32.7 26.7 40.1

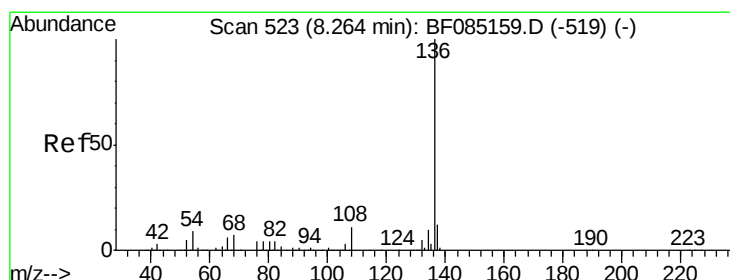
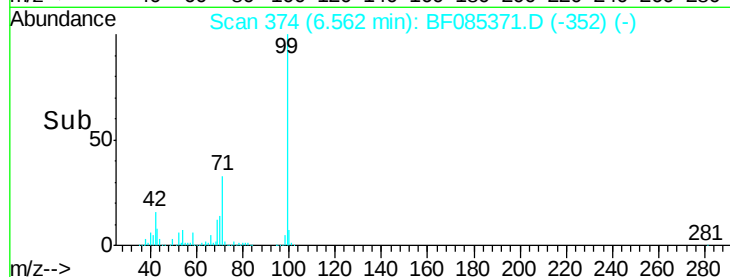
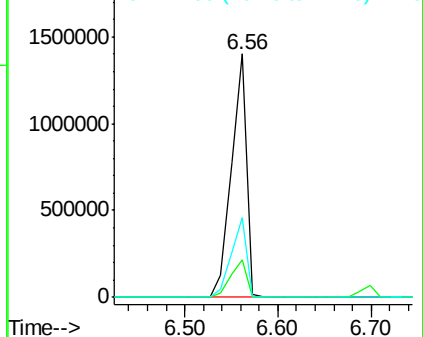
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085371.D

Acq: 11 Mar 2016 14:44

Tgt Ion: 136 Resp: 548680

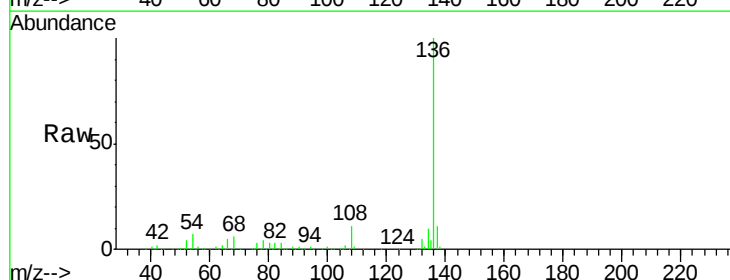
Ion Ratio Lower Upper

136 100

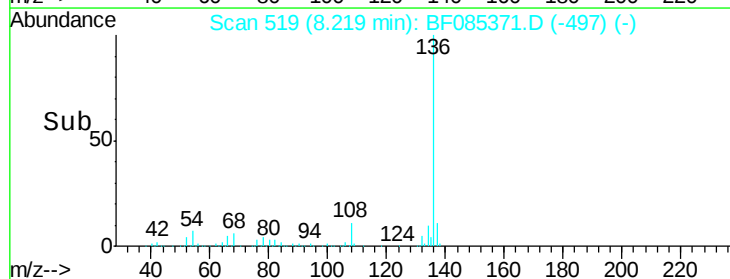
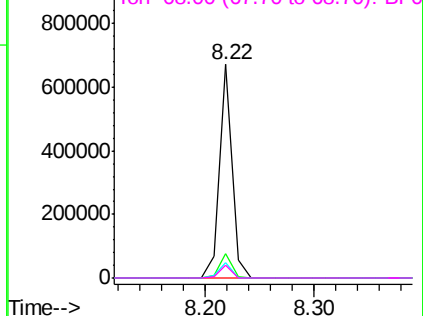
137 11.3 9.3 13.9

54 7.2 7.4 11.2#

68 5.7 6.0 9.0#



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





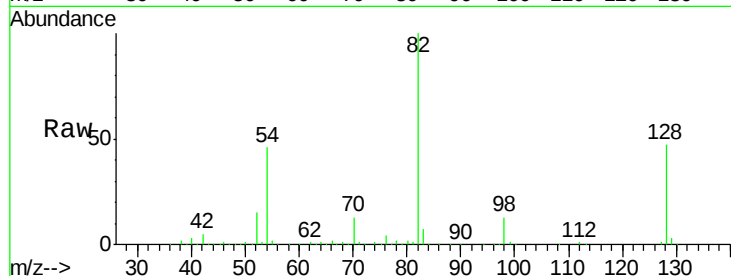
#23
 Nitrobenzene-d5
 Concen: 100.92 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085371.D
 Acq: 11 Mar 2016 14:44

Instrument :
 BNA_F
 ClientSampleId :
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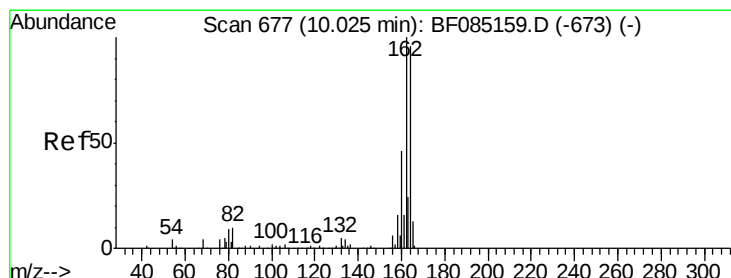
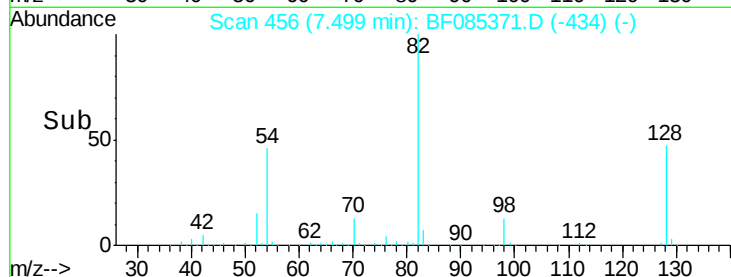
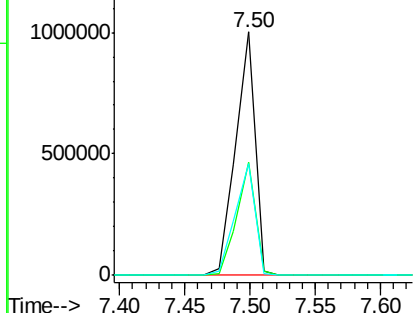
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.5	51.7
54	45.9	39.3	58.9

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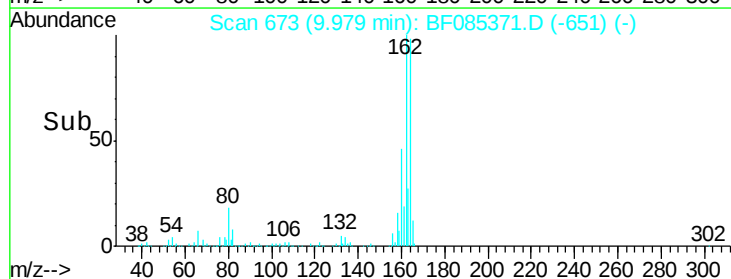
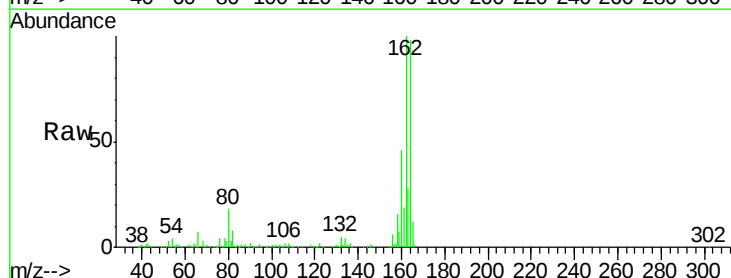
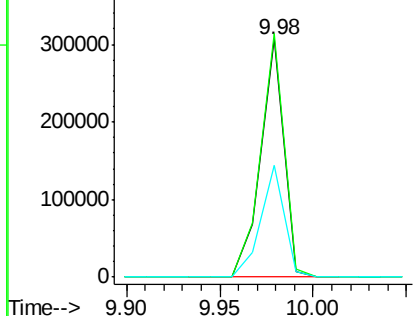
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085371.D
 Acq: 11 Mar 2016 14:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.3	124.9
160	46.9	37.9	56.9

Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B





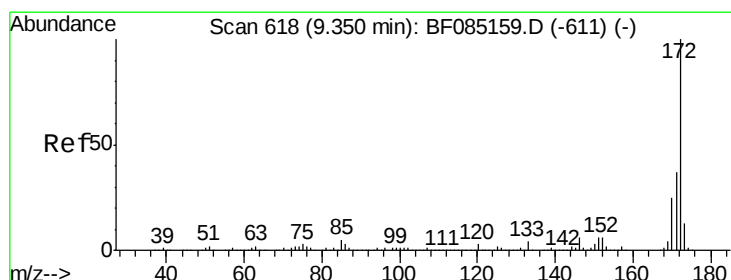
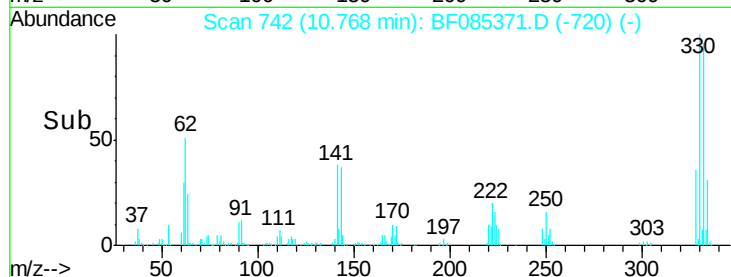
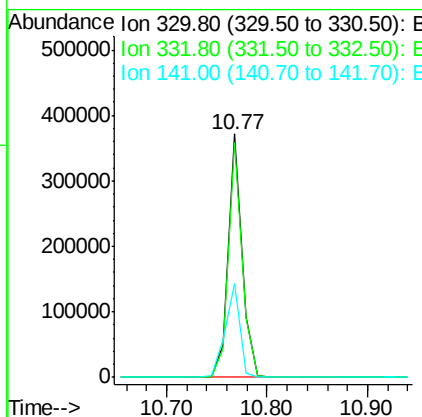
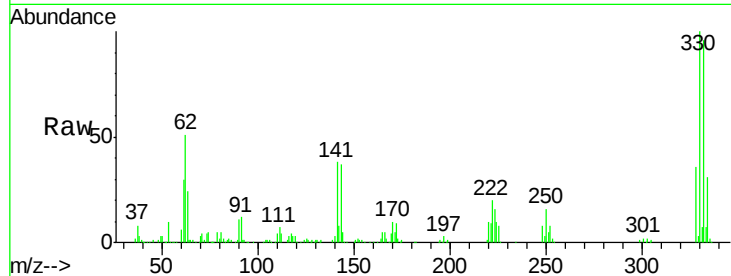
#41
 2,4,6-Tribromophenol
 Concen: 157.98 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085371.D
 Acq: 11 Mar 2016 14:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	355120		
332	96.2	77.1	115.7	
141	40.6	35.0	52.6	

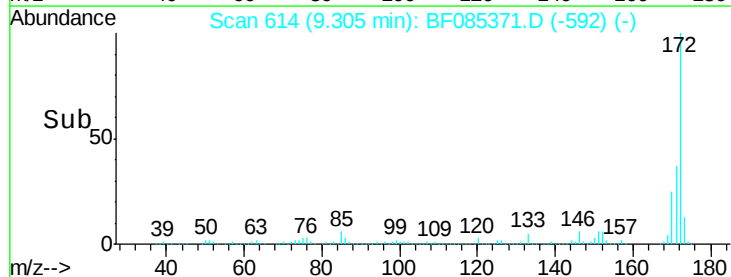
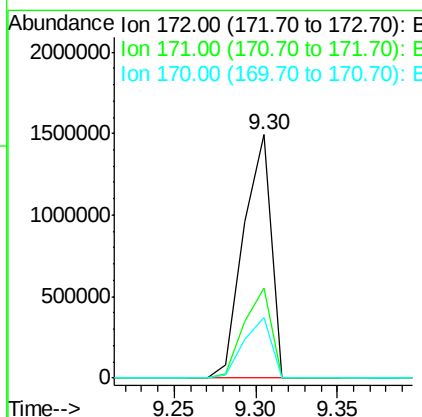
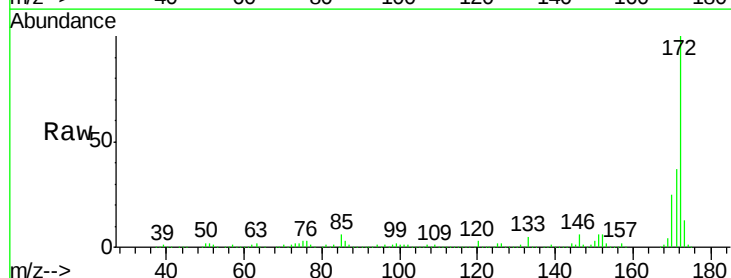
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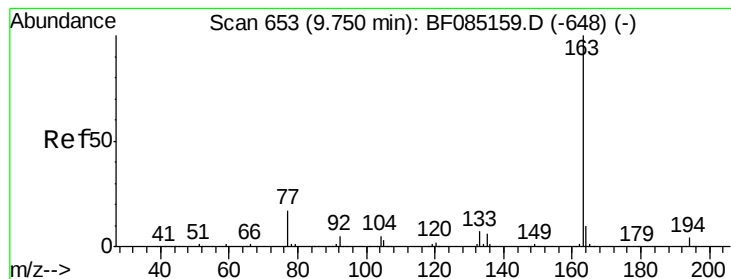
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#44
 2-Fluorobiphenyl
 Concen: 101.17 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085371.D
 Acq: 11 Mar 2016 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1747655		
171	36.8	29.3	43.9	
170	24.9	20.0	30.0	





#49

Dimethylphthalate

Concen: 17.10 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085371.D

Acq: 11 Mar 2016 14:44

Instrument :

BNA_F

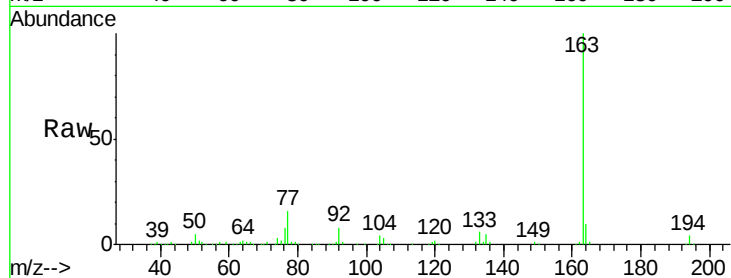
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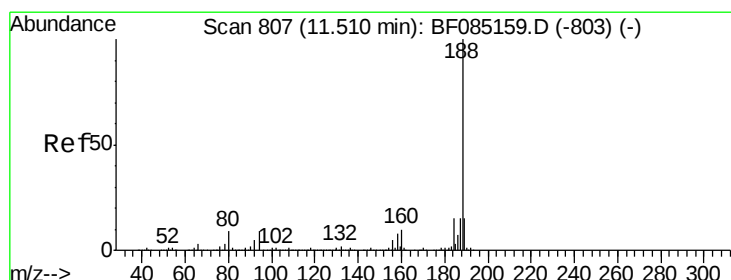
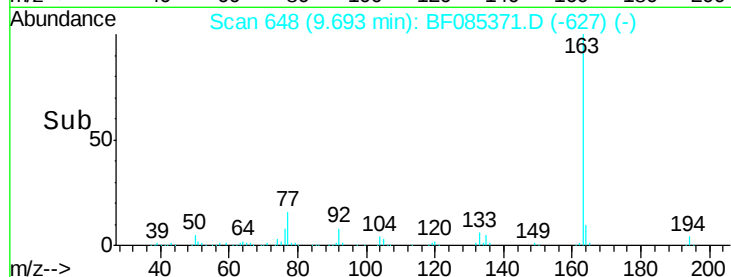
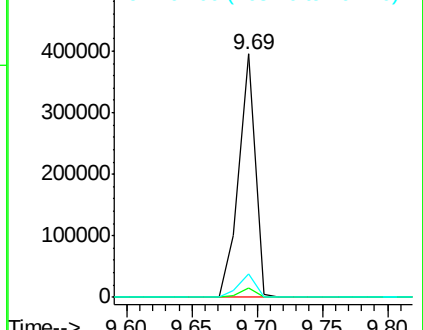
Tgt Ion:	163	Resp:	344710
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.1	4.7
164	9.8	8.2	12.4

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

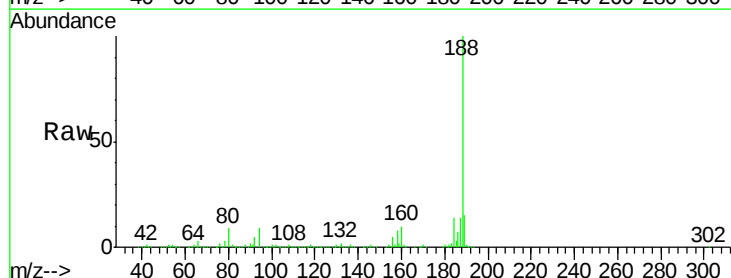
RT: 11.46 min Scan# 803

Delta R.T. -0.05 min

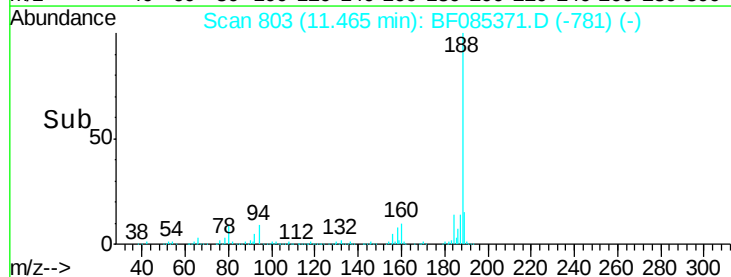
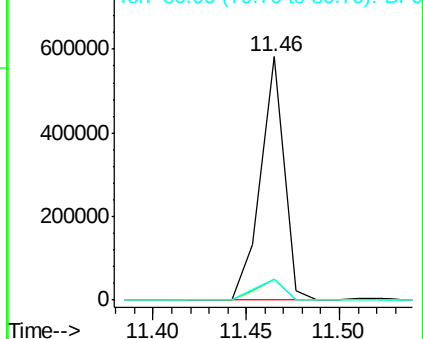
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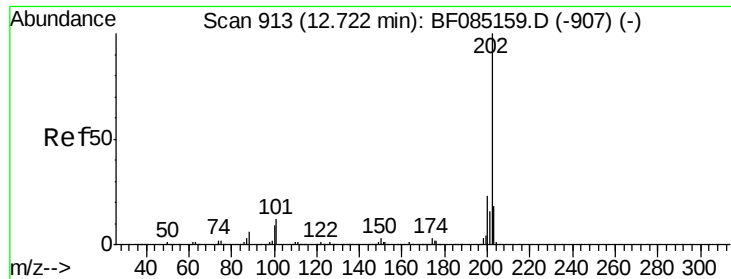
Acq: 11 Mar 2016 14:44

Tgt Ion:	188	Resp:	506227
Ion Ratio	Lower	Upper	
188	100		
94	8.6	7.0	10.6
80	8.6	7.4	11.0



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





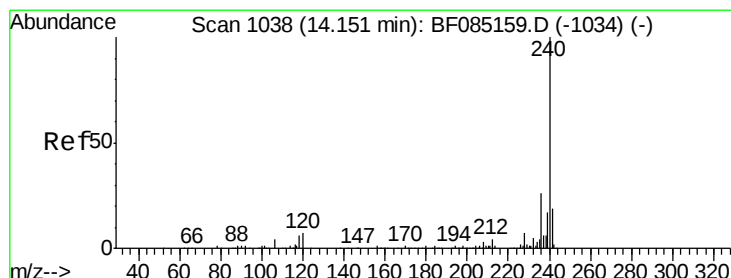
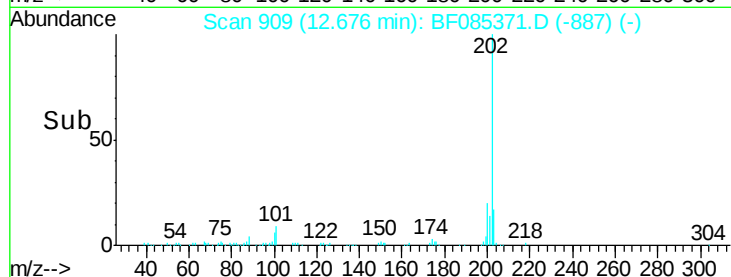
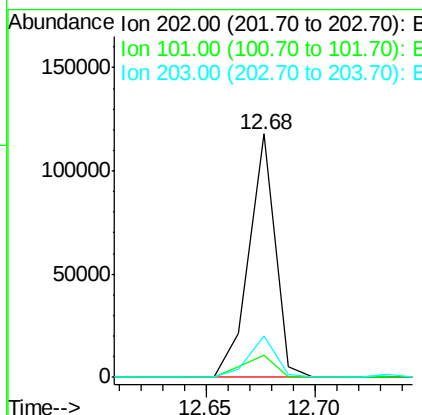
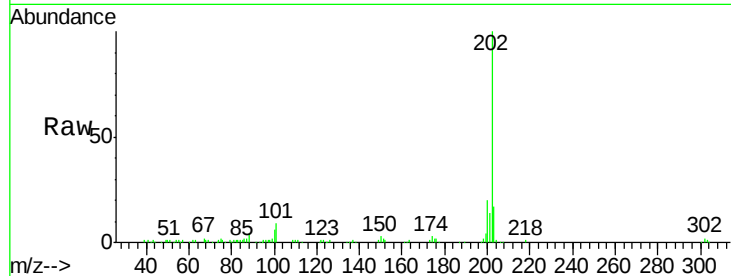
#74
Fluoranthene
Concen: 3.74 ng
RT: 12.68 min Scan# 909
Delta R.T. -0.05 min
Lab File: BF085371.D
Acq: 11 Mar 2016 14:44

Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	0.0	31.8
203	17.0	0.0	38.4

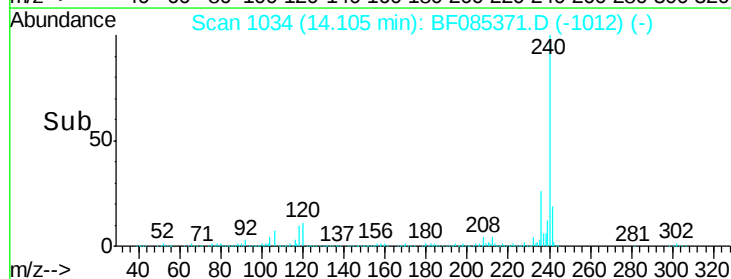
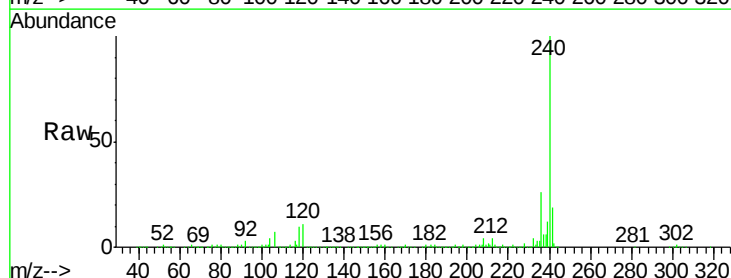
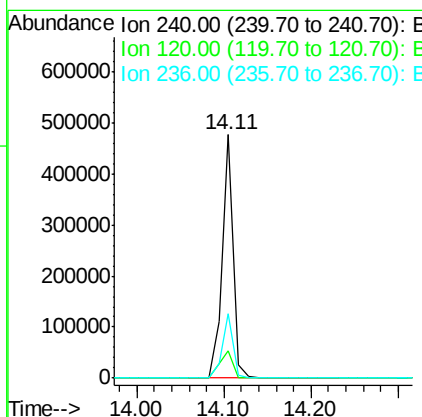
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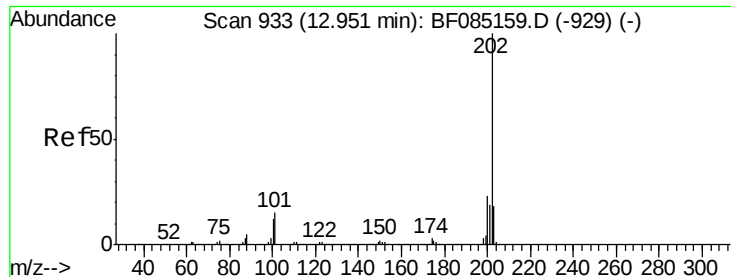
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085371.D
Acq: 11 Mar 2016 14:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	5.3	7.9#
236	26.4	20.7	31.1





#77

Pyrene

Concen: 2.58 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF085371.D

Acq: 11 Mar 2016 14:44

Instrument :

BNA_F

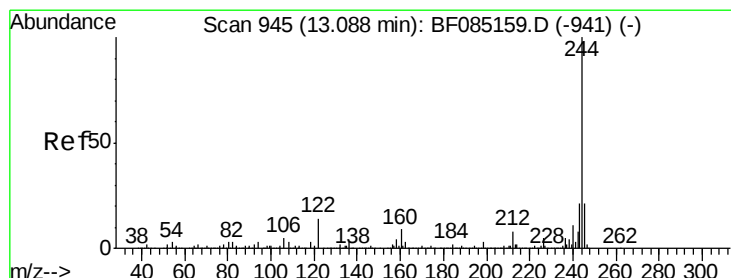
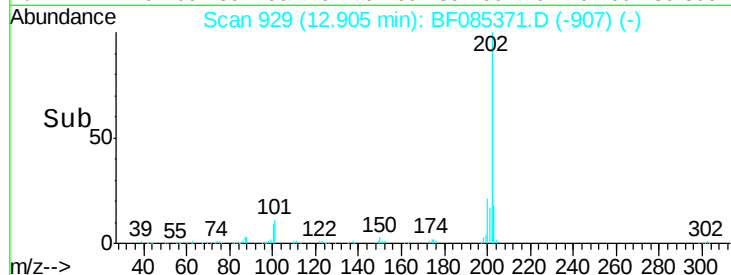
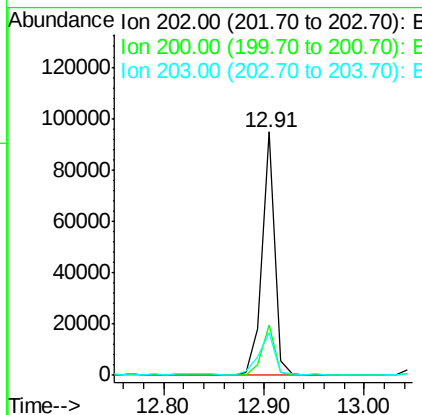
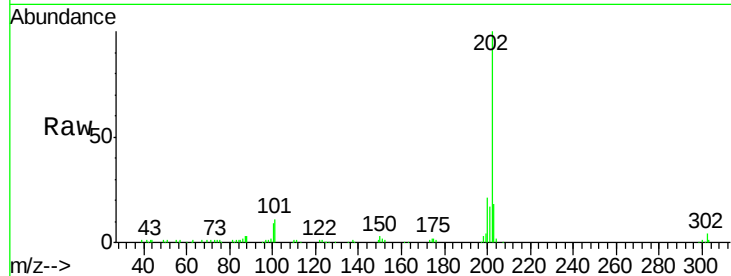
ClientSampleId :

SB-18-COMP

Tgt Ion:	202	Resp:	83019
Ion Ratio	Lower	Upper	
202	100		
200	20.5	18.2	27.4
203	17.5	14.7	22.1

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#78

Terphenyl-d14

Concen: 75.15 ng

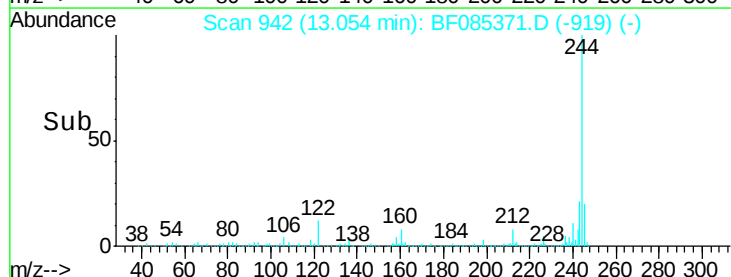
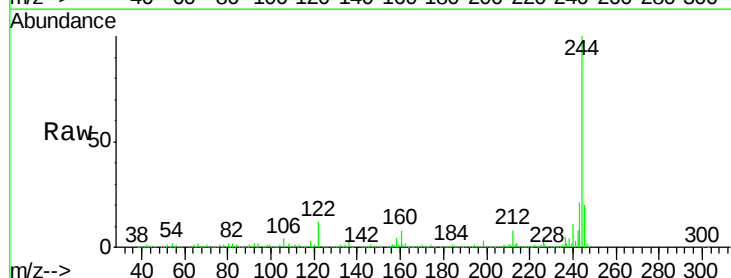
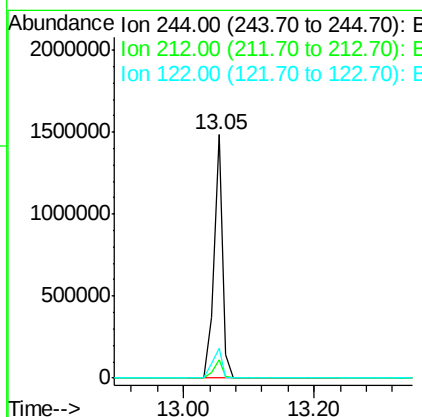
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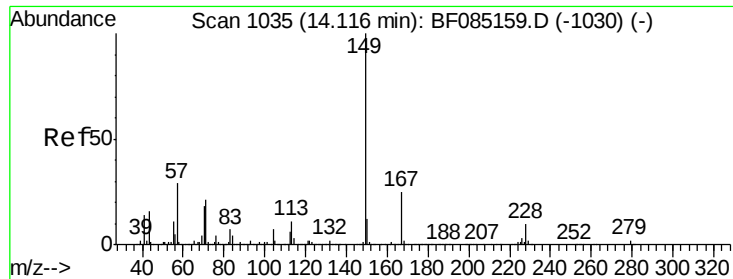
Delta R.T. -0.03 min

Lab File: BF085371.D

Acq: 11 Mar 2016 14:44

Tgt Ion:	244	Resp:	1384740
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.4	9.6
122	12.3	11.4	17.2





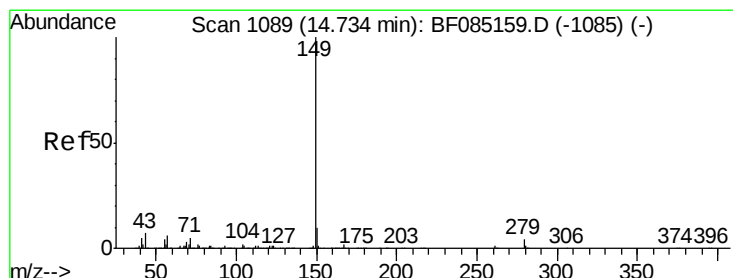
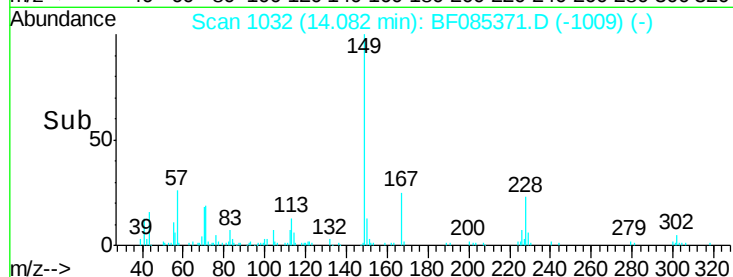
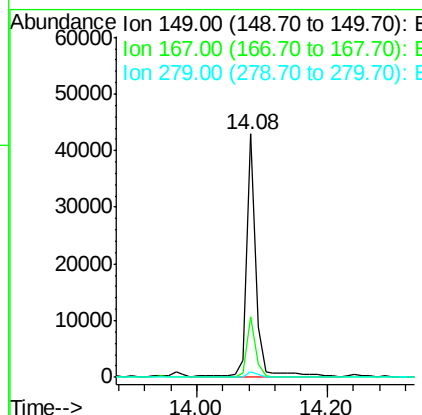
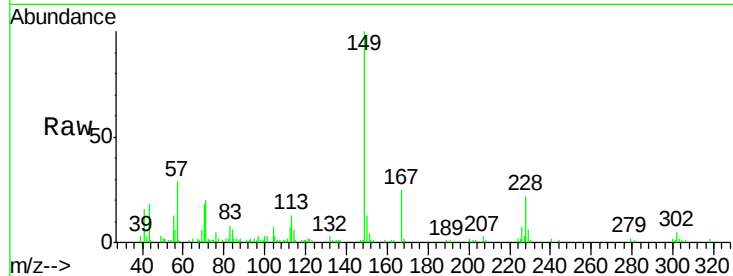
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.26 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF085371.D
 Acq: 11 Mar 2016 14:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	43402		
167	25.1	20.3	30.5	
279	2.1	1.9	2.9	

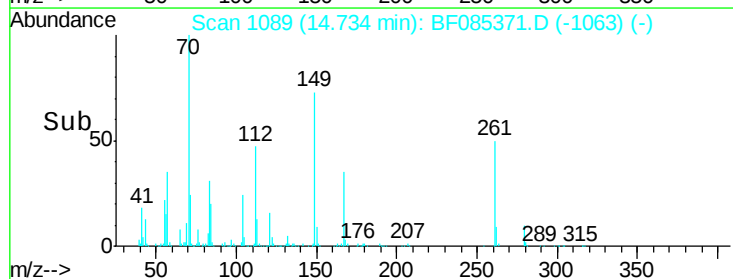
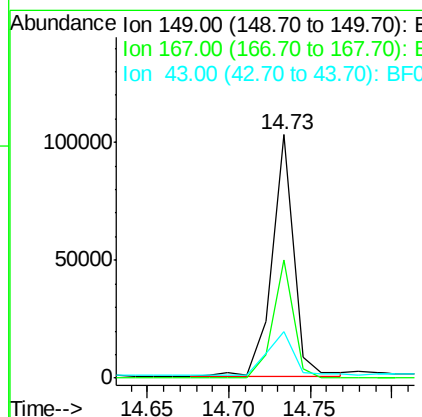
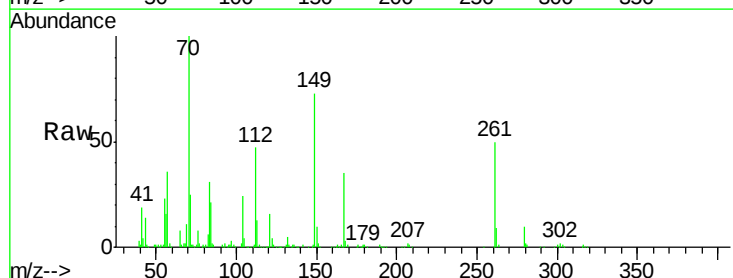
Manual Integrations
 APPROVED

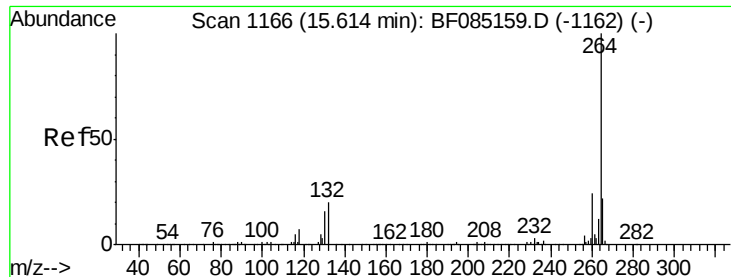
UMANGI
 3/14/2016 10:44:56 AM



#84
 Di-n-octyl phthalate
 Concen: 3.26 ng
 RT: 14.73 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF085371.D
 Acq: 11 Mar 2016 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	95575		
167	46.4	1.1	1.7#	
43	22.7	7.8	11.8#	





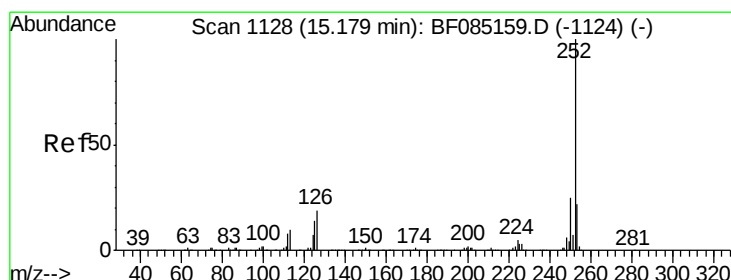
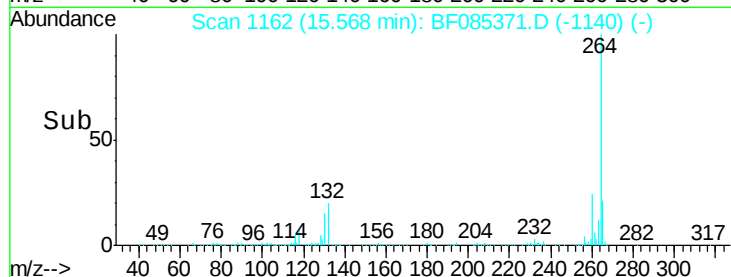
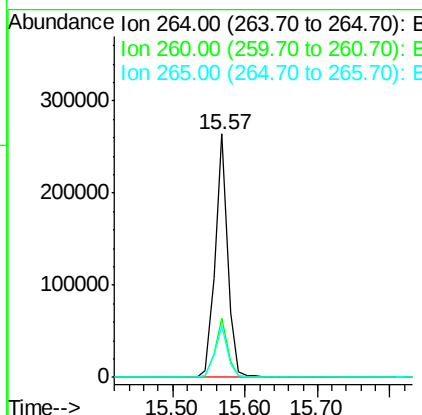
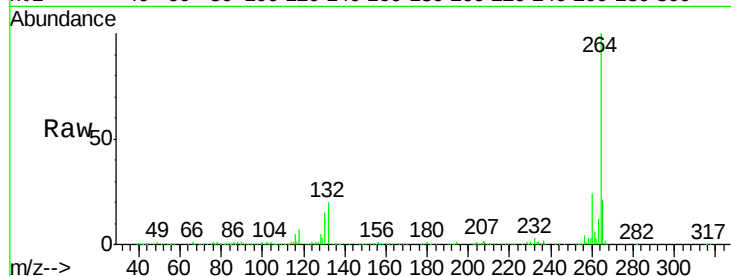
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085371.D
Acq: 11 Mar 2016 14:44

Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.3	25.9

Manual Integrations
APPROVED

UMANGI
3/14/2016 10:44:56 AM



#87
Benzo(b)fluoranthene
Concen: 2.01 ng m
RT: 15.13 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF085371.D
Acq: 11 Mar 2016 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	14.0	11.3	16.9

