

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF085002.D
 Acq On : 10 Feb 2016 19:32
 Operator : SJ/IZ
 Sample : H1386-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(31-33)

Manual Integrations
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 2/11/2016 10:47:28 AM

Quant Time: Feb 11 00:48:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	147695	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	536676	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	234314	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	392957	20.00	ng	0.00
75) Chrysene-d12	13.77	240	297894	20.00	ng	0.00
86) Perylene-d12	15.13	264	251268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	918709	96.89	ng	0.01
7) Phenol-d6	6.28	99	1159073	98.60	ng	0.00
23) Nitrobenzene-d5	7.20	82	648866	68.11	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	233360	95.48	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1134059	79.86	ng	0.00
78) Terphenyl-d14	12.72	244	659687	50.18	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	7.94	128	1039486m	38.61	ng	
37) 2-Methylnaphthalene	8.63	142	572800	34.00	ng	98
49) Dimethylphthalate	9.39	163	270439	15.15	ng	# 91

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

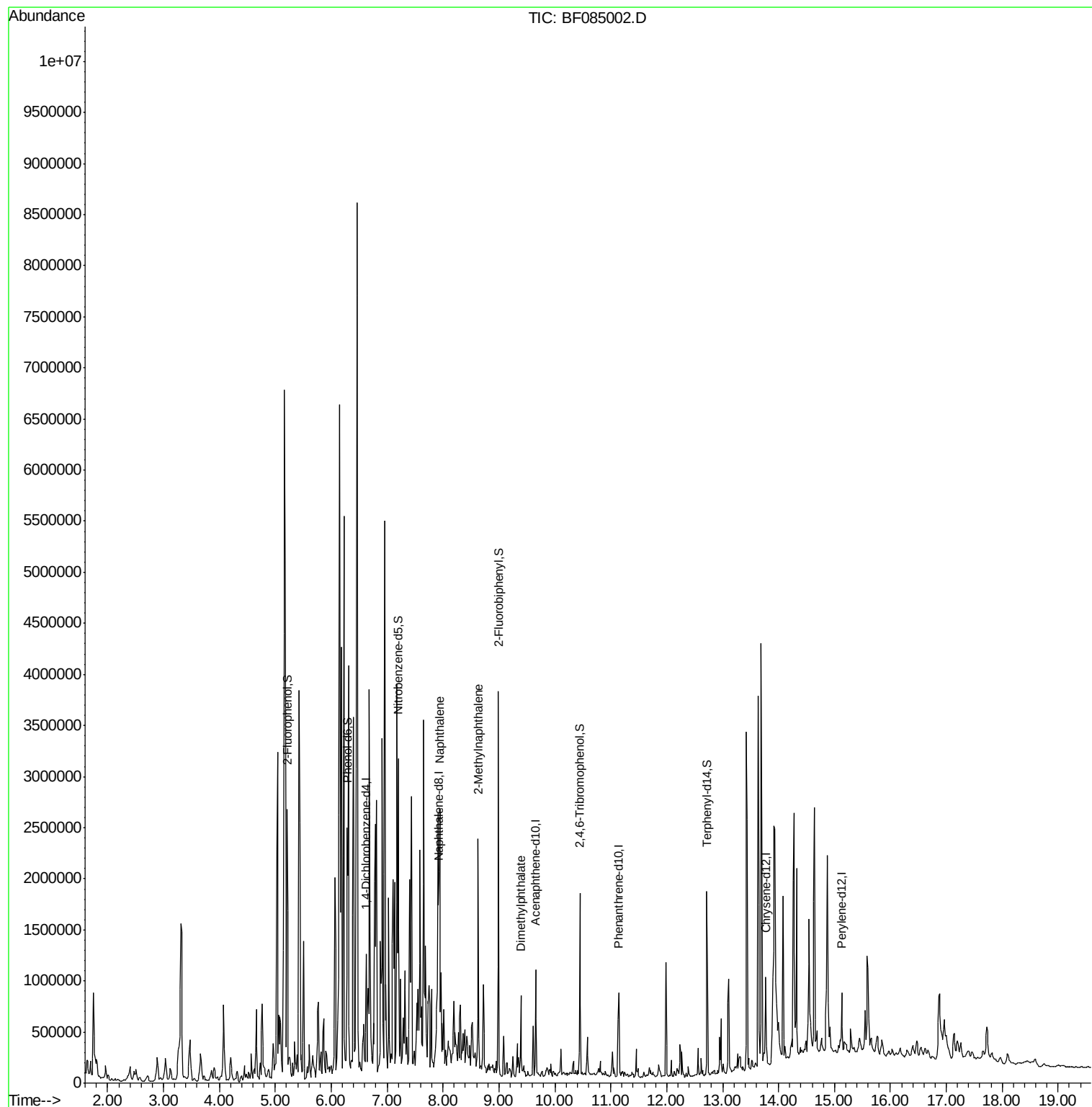
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085002.D
Acq On : 10 Feb 2016 19:32
Operator : SJ/IZ
Sample : H1386-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

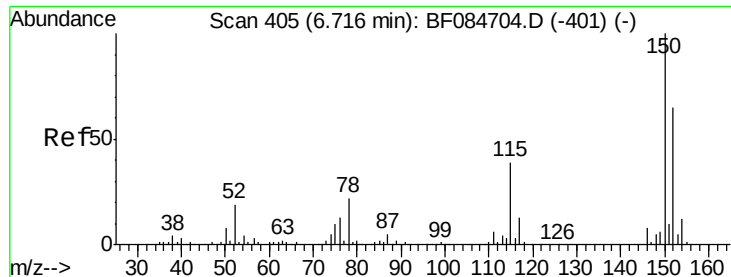
Instrument :
BNA_F
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S4-B001(31-33)

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Quant Time: Feb 11 00:48:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF085002.D

Acq: 10 Feb 2016 19:32

Instrument :

BNA_F

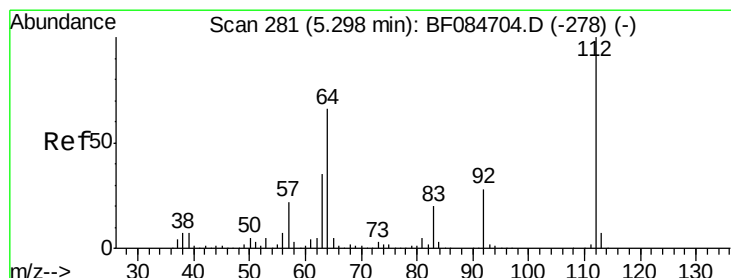
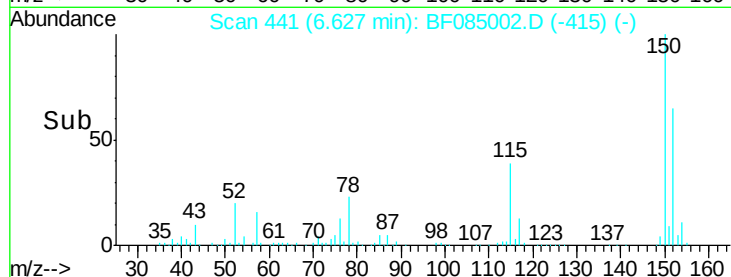
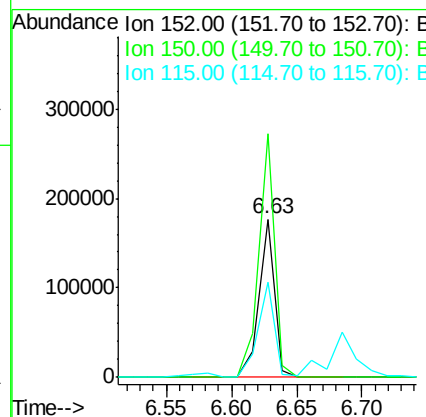
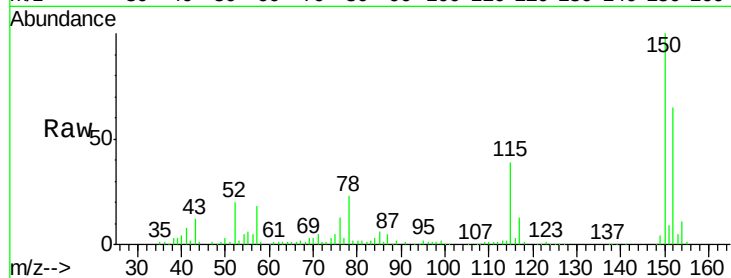
ClientSampleId :

S4-B001(31-33)

Tgt Ion:	152	Resp:	147695
Ion Ratio	Lower	Upper	
152	100		
150	153.6	123.0	184.4
115	59.9	51.4	77.2

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#5

2-Fluorophenol

Concen: 96.89 ng

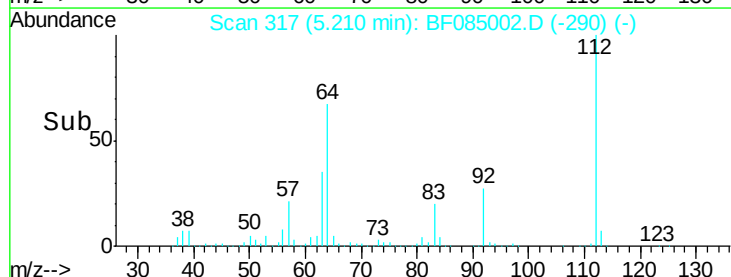
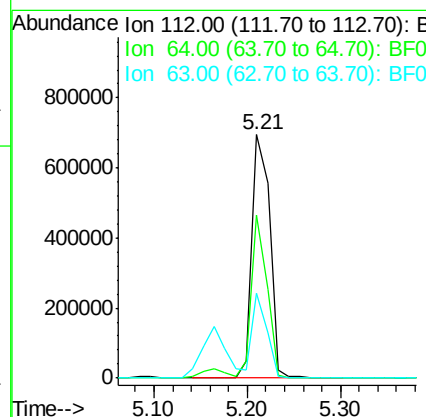
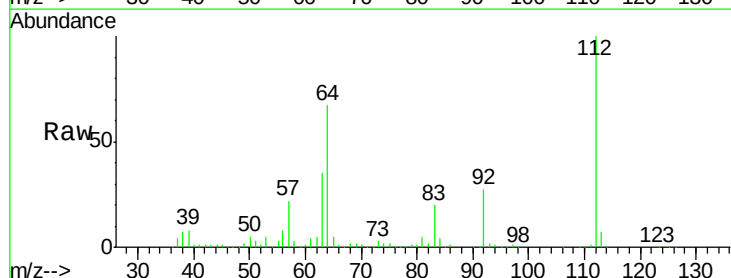
RT: 5.21 min Scan# 317

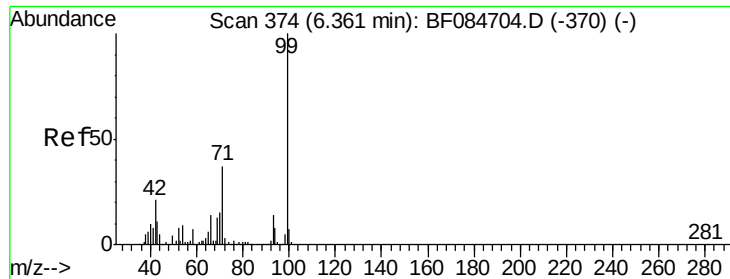
Delta R.T. 0.01 min

Lab File: BF085002.D

Acq: 10 Feb 2016 19:32

Tgt Ion:	112	Resp:	918709
Ion Ratio	Lower	Upper	
112	100		
64	67.0	36.6	55.0#
63	34.8	19.4	29.0#





#7

Phenol-d6

Concen: 98.60 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF085002.D

Acq: 10 Feb 2016 19:32

Instrument :

BNA_F

ClientSampleId :

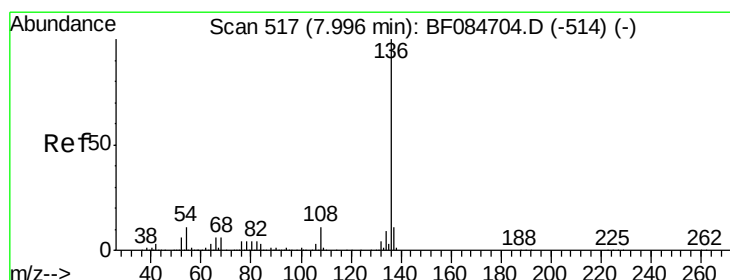
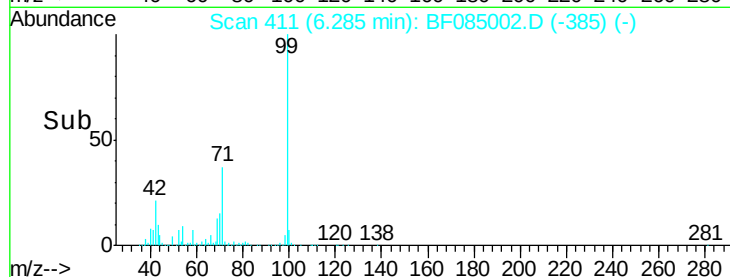
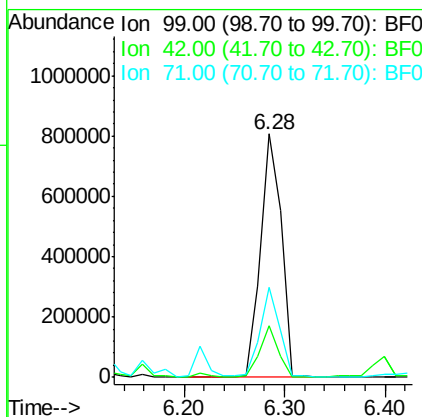
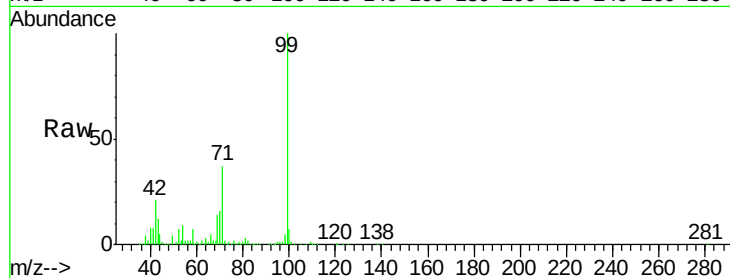
S4-B001(31-33)

Tgt Ion: 99 Resp: 1159073

Ion	Ratio	Lower	Upper
99	100		
42	21.1	12.8	19.2#
71	36.9	30.9	46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

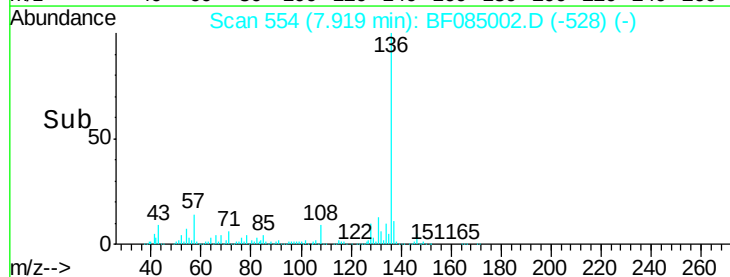
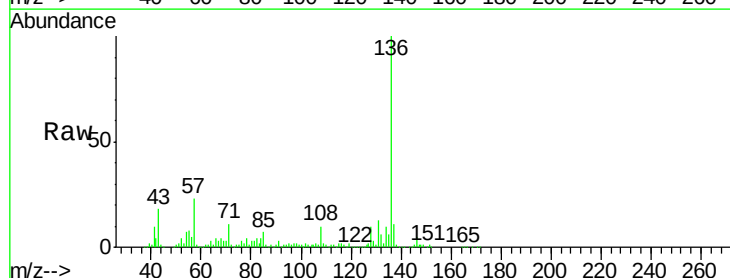
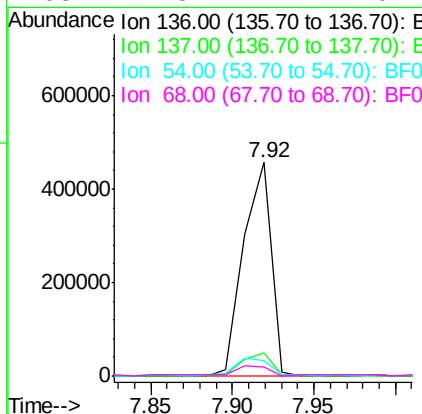
Delta R.T. 0.00 min

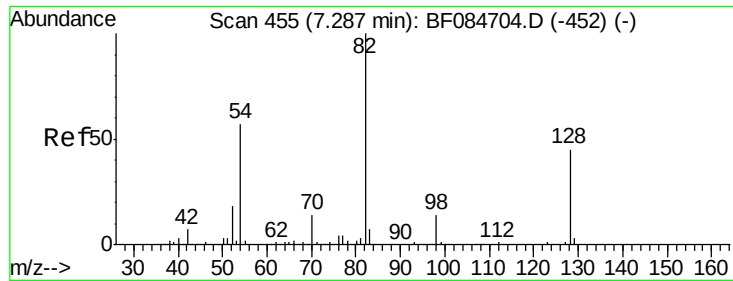
Lab File: BF085002.D

Acq: 10 Feb 2016 19:32

Tgt Ion: 136 Resp: 536676

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.1	5.8	8.8
68	4.3	4.2	6.2





#23

Nitrobenzene-d5

Concen: 68.11 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF085002.D

Acq: 10 Feb 2016 19:32

Instrument :

BNA_F

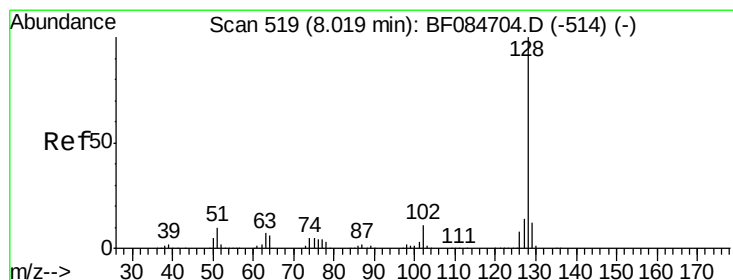
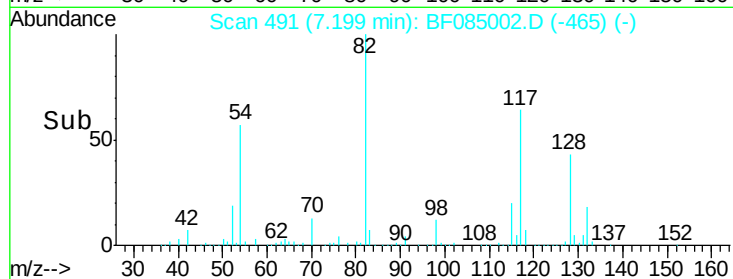
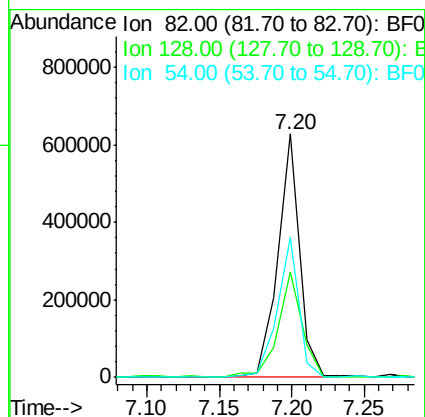
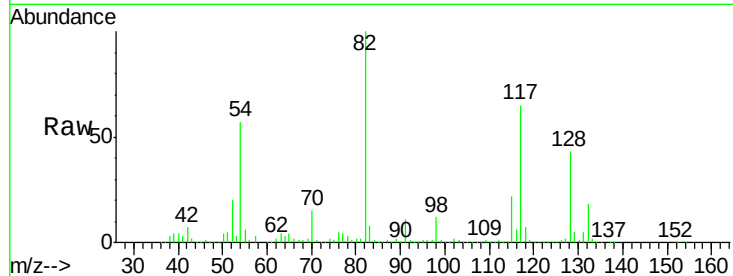
ClientSampleId :

S4-B001(31-33)

Tgt Ion:	82	Resp:	648866
Ion Ratio	Lower	Upper	
82	100		
128	43.4	34.6	51.8
54	57.3	38.4	57.6

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#31

Naphthalene

Concen: 38.61 ng m

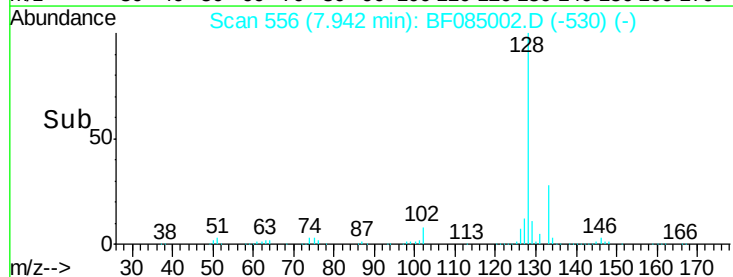
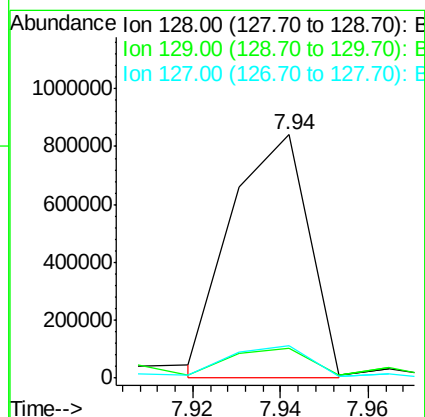
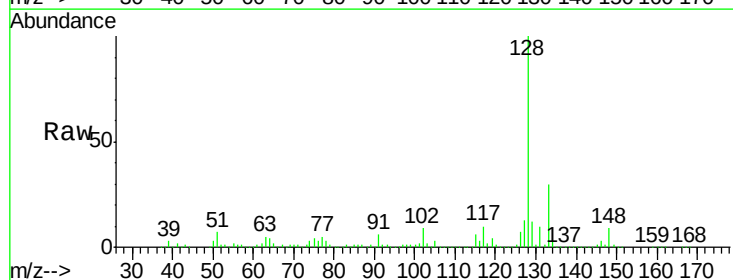
RT: 7.94 min Scan# 556

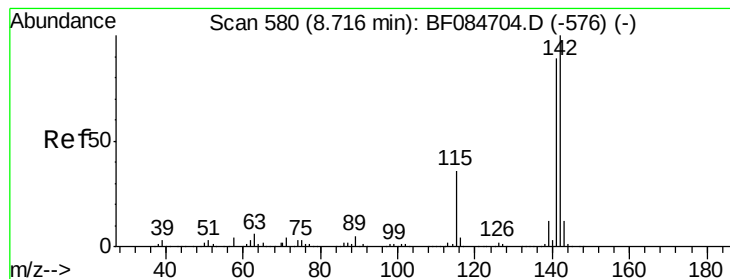
Delta R.T. 0.00 min

Lab File: BF085002.D

Acq: 10 Feb 2016 19:32

Tgt Ion:	128	Resp:	1039486
Ion Ratio	Lower	Upper	
128	100		
129	12.5	9.1	13.7
127	13.2	11.1	16.7





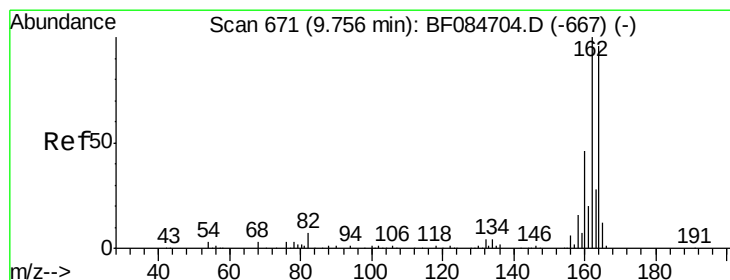
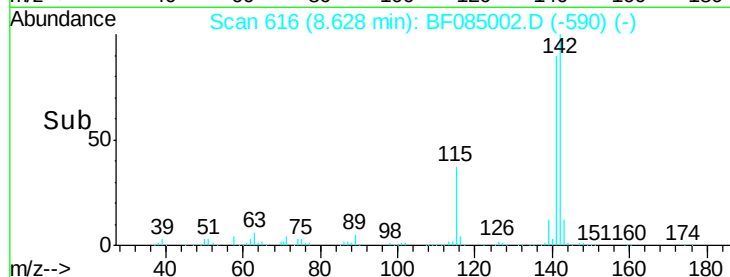
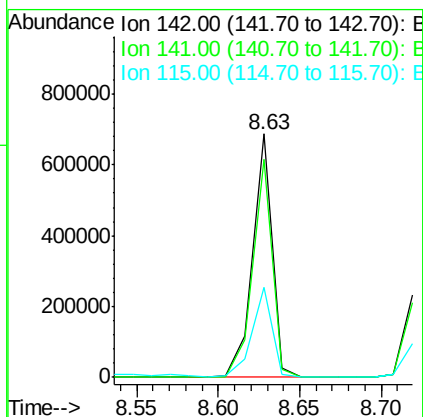
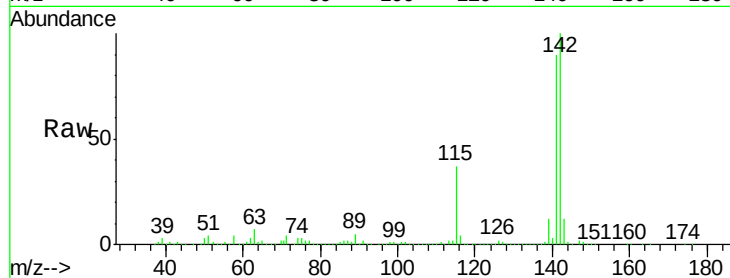
#37
 2-Methylnaphthalene
 Concen: 34.00 ng
 RT: 8.63 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF085002.D
 Acq: 10 Feb 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(31-33)

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.4	108.6
115	37.1	27.9	41.9

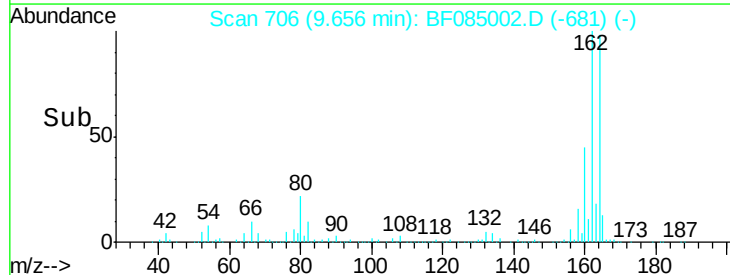
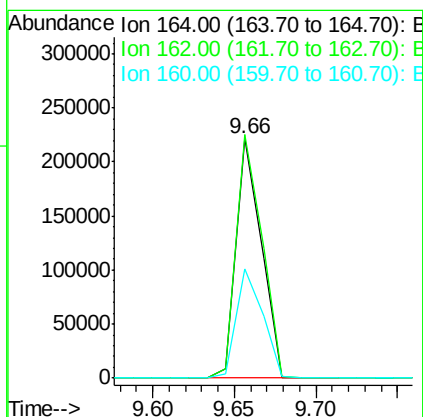
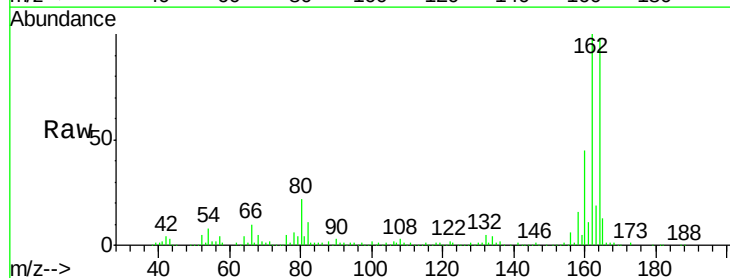
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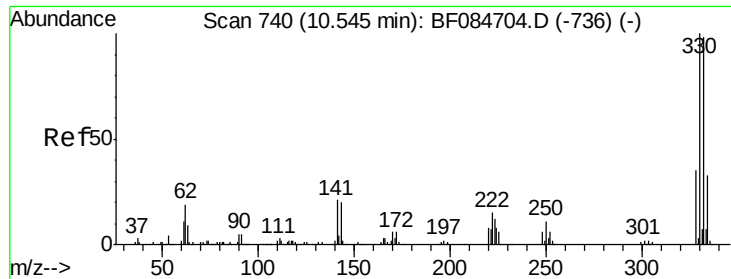
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF085002.D
 Acq: 10 Feb 2016 19:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	85.1	127.7
160	45.4	37.5	56.3





#41

2,4,6-Tribromophenol

Concen: 95.48 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF085002.D

Acq: 10 Feb 2016 19:32

Instrument :

BNA_F

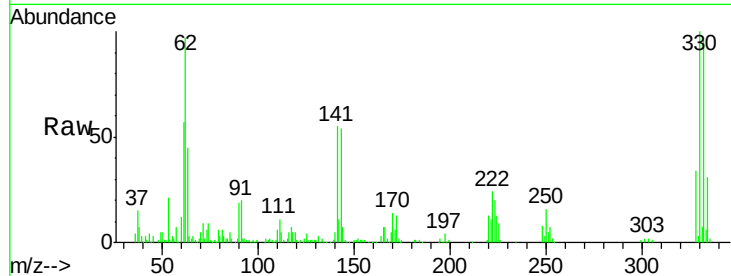
ClientSampleId :

S4-B001(31-33)

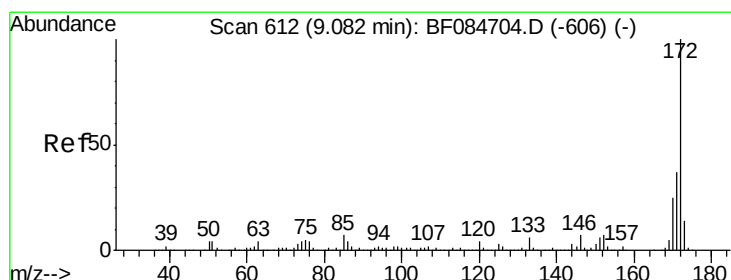
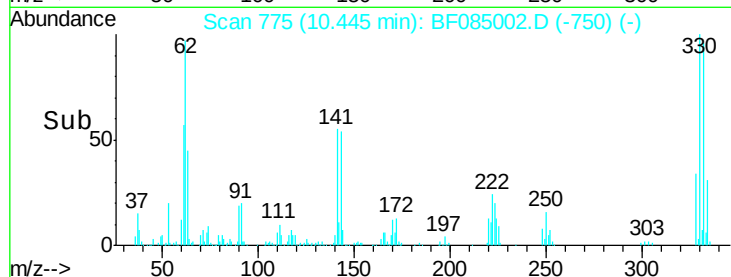
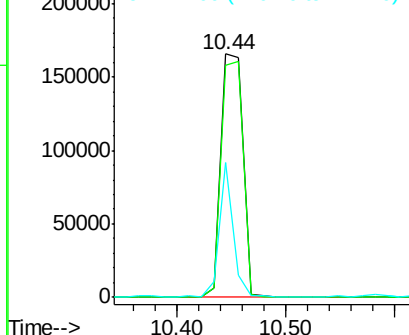
Tgt Ion:	330	Resp:	233360
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.6	114.8
141	34.8	27.8	41.6

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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: 79.86 ng

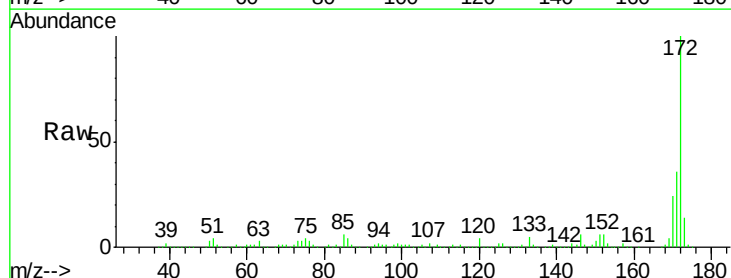
RT: 8.99 min Scan# 648

Delta R.T. 0.00 min

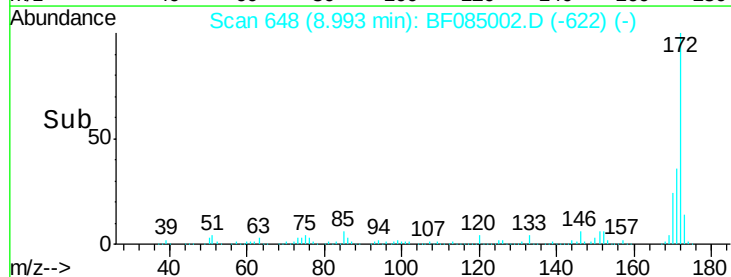
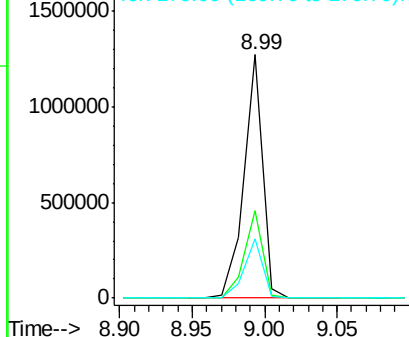
Lab File: BF085002.D

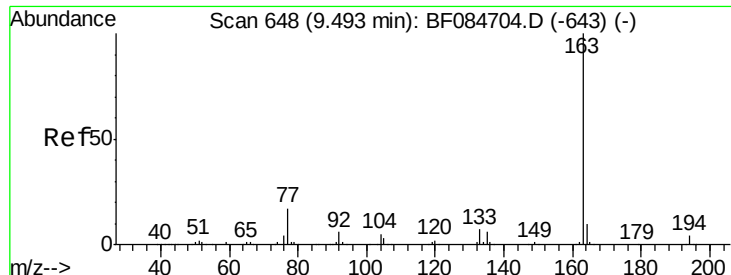
Acq: 10 Feb 2016 19:32

Tgt Ion:	172	Resp:	1134059
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.9	43.3
170	24.1	18.6	27.8



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





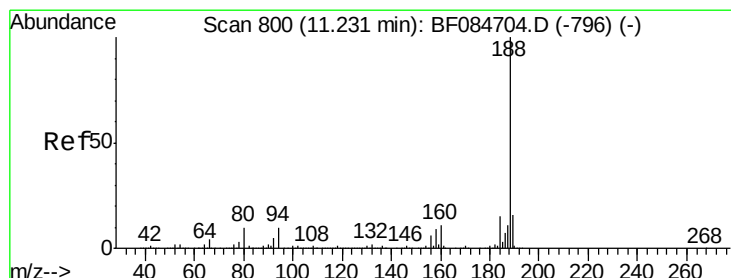
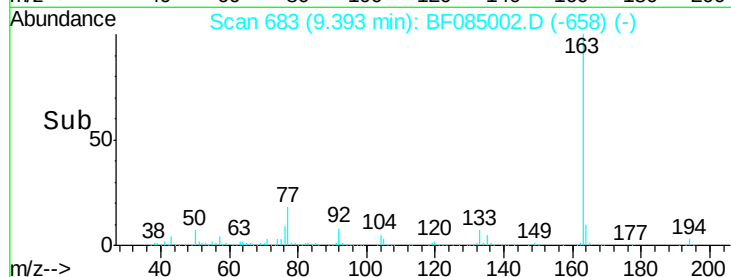
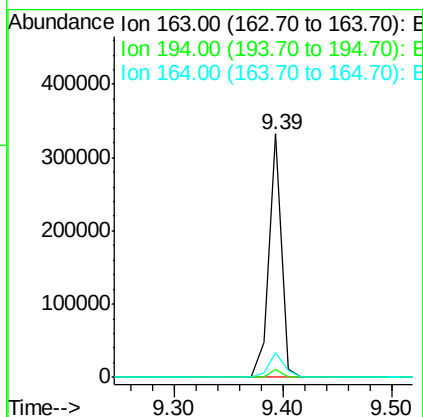
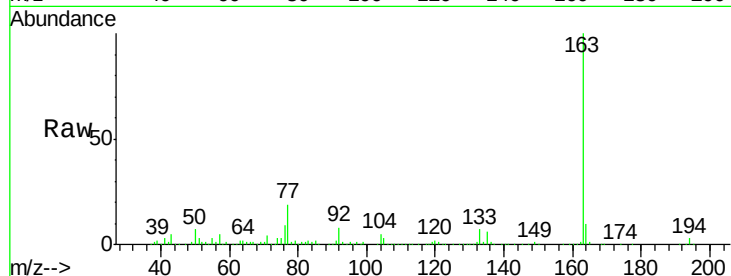
#49
Dimethylphthalate
Concen: 15.15 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085002.D
Acq: 10 Feb 2016 19:32

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Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	8.0	12.0#
164	10.2	8.0	12.0

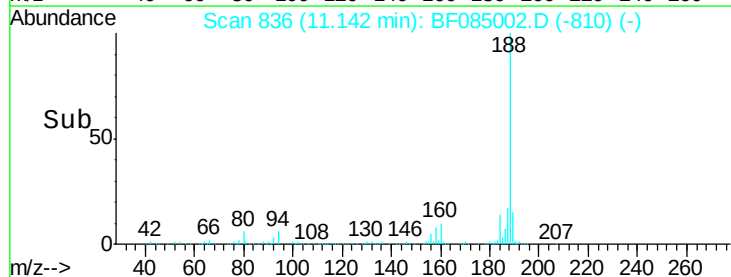
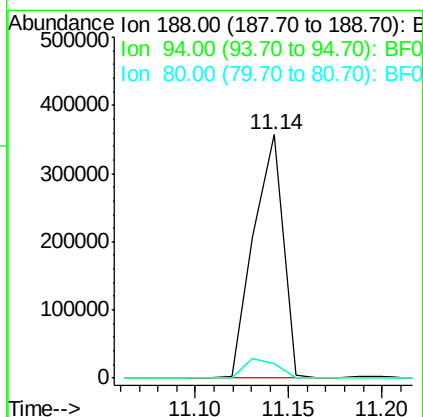
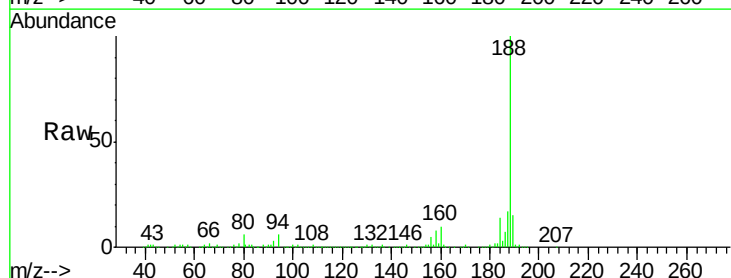
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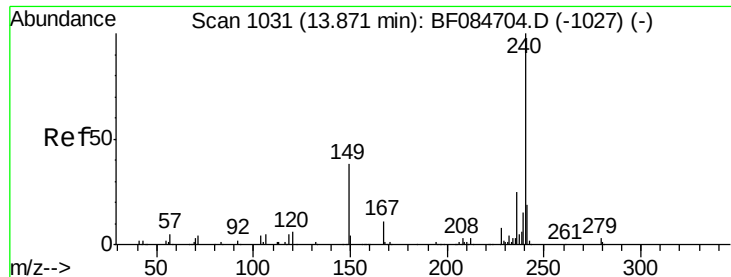
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF085002.D
Acq: 10 Feb 2016 19:32

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	6.0	9.0	13.4#
80	5.9	9.6	14.4#





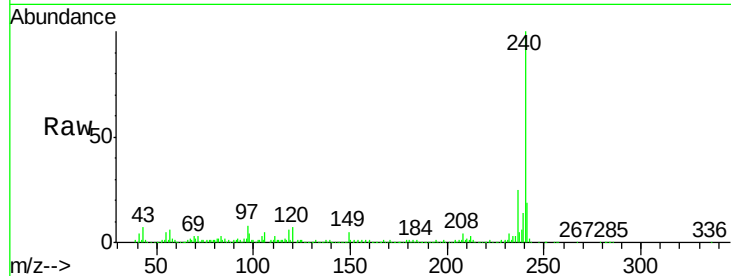
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF085002.D
Acq: 10 Feb 2016 19:32

Instrument :
BNA_F
ClientSampleId :
S4-B001(31-33)

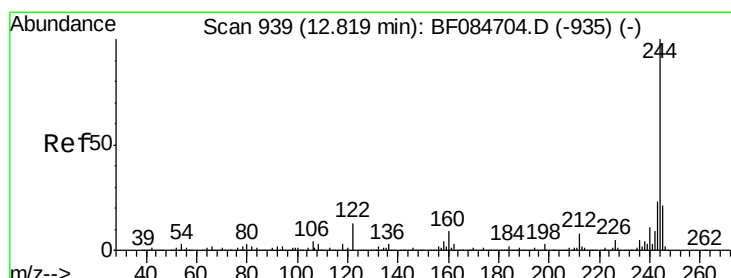
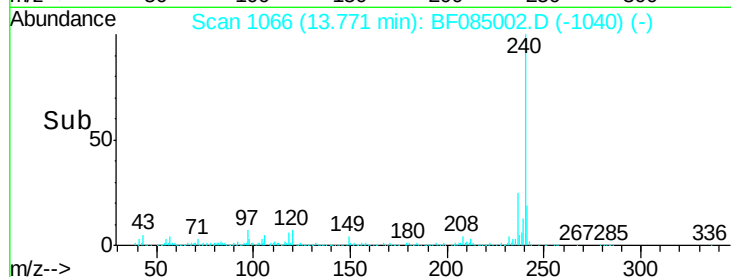
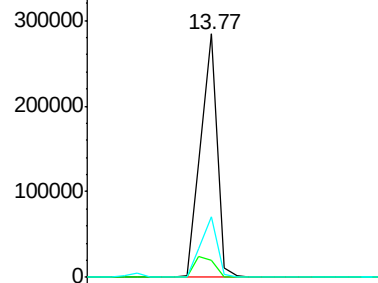
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	297894		
120	6.9	9.5	14.3#	
236	24.7	20.6	31.0	

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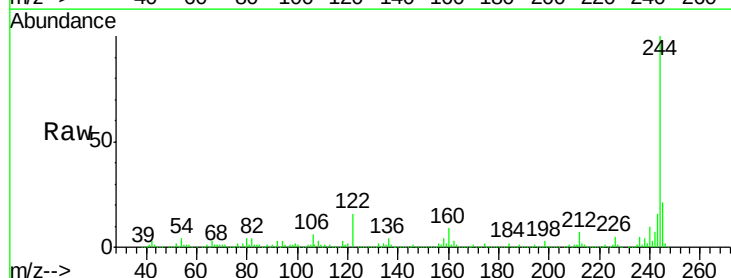


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

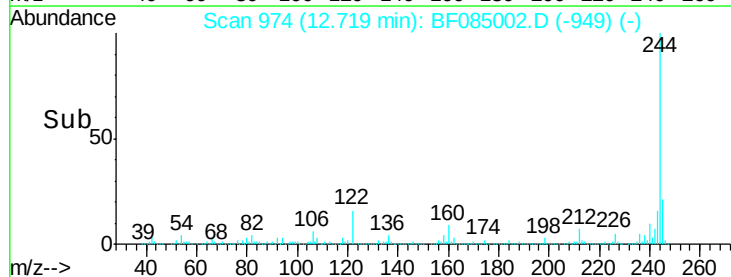
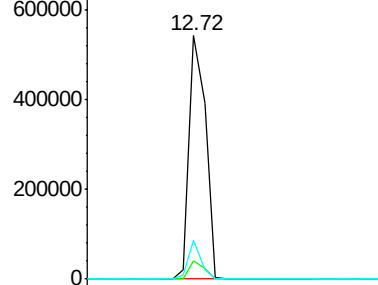


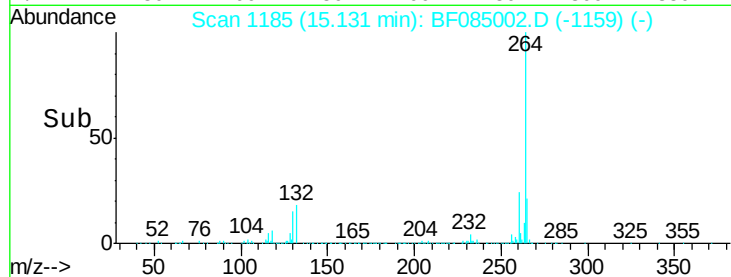
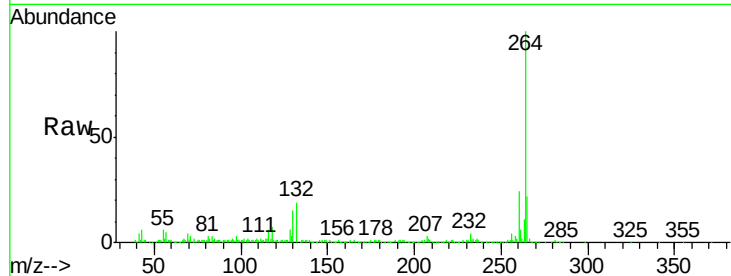
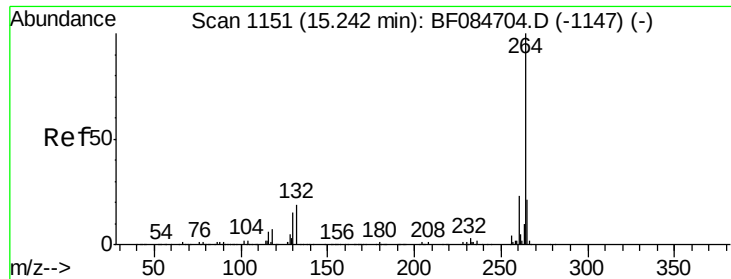
#78
Terphenyl-d14
Concen: 50.18 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF085002.D
Acq: 10 Feb 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	659687		
212	7.4	5.7	8.5	
122	15.9	7.4	11.0#	



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

Perylene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF085002.D

Acq: 10 Feb 2016 19:32

Instrument :

BNA_F

ClientSampleId :

S4-B001(31-33)

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		251268		
260	23.5	19.4	29.2		
265	21.7	17.8	26.6		

Manual Integrations
APPROVED

UMANGI
2/11/2016 10:47:28 AM

