

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085048.D
 Acq On : 12 Feb 2016 8:21
 Operator : SJ/IZ
 Sample : H1373-01DL 100X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYS-DIS-020516DL

Manual Integrations
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 2/12/2016 12:31:52 PM

Quant Time: Feb 12 09:51:38 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	6.60	152	137774	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	604334	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	279954	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	466070	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	293704	20.00	ng	-0.02
86) Perylene-d12	15.11	264	276590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	3241	0.37	ng	0.02
7) Phenol-d6	6.28	99	2836	0.26	ng	0.00
23) Nitrobenzene-d5	7.18	82	9981	0.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	394	0.13	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	22357	-1.00	ng	-0.02
78) Terphenyl-d14	12.71	244	11157	0.86	ng	-0.02
Target Compounds						
6) Aniline	6.27	93	1169253	87.14	ng	Qvalue # 79
13) 1,4-Dichlorobenzene	6.63	146	27840m	2.63	ng	
14) 1,2-Dichlorobenzene	6.78	146	39494	4.01	ng	99

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

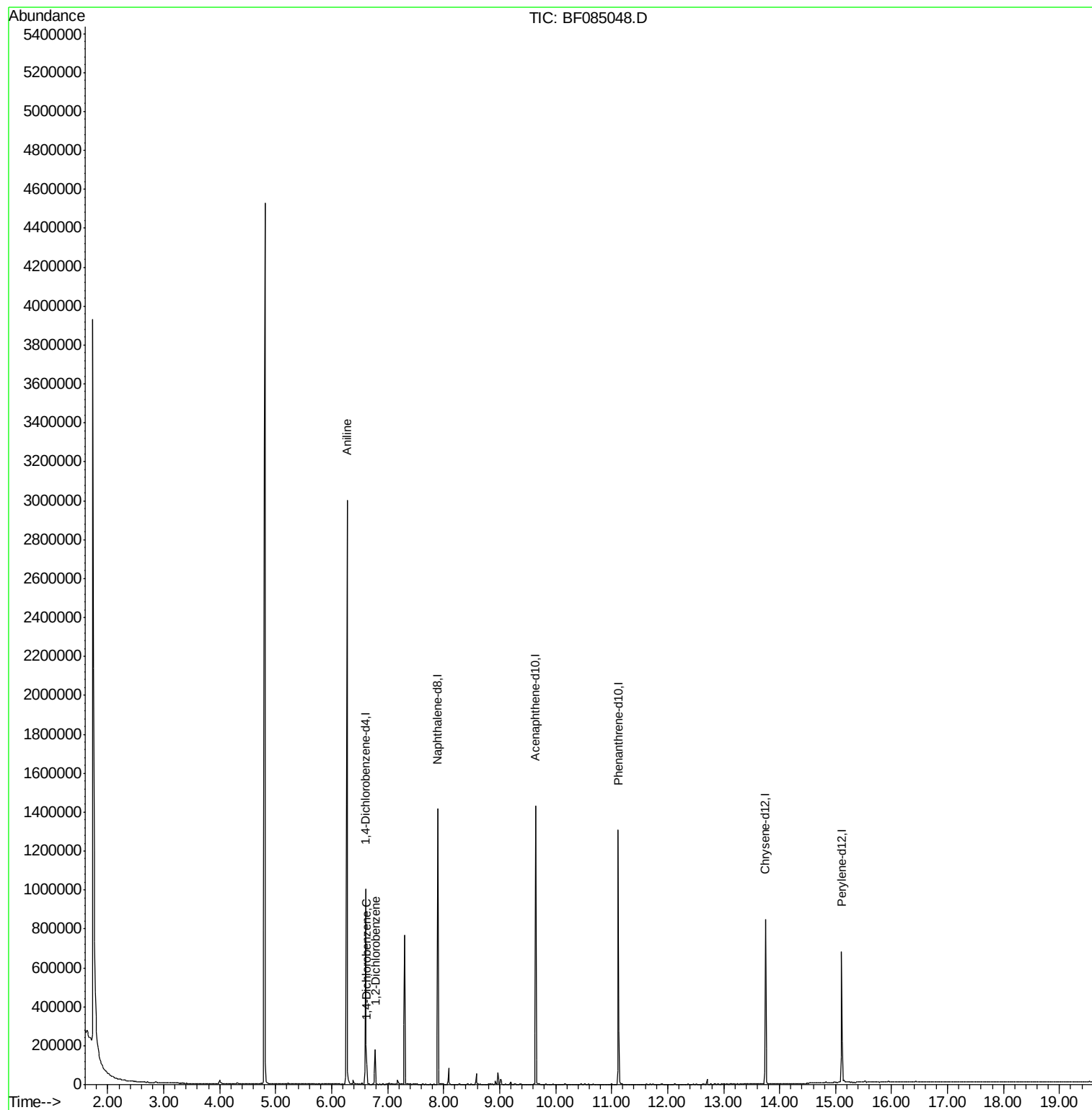
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
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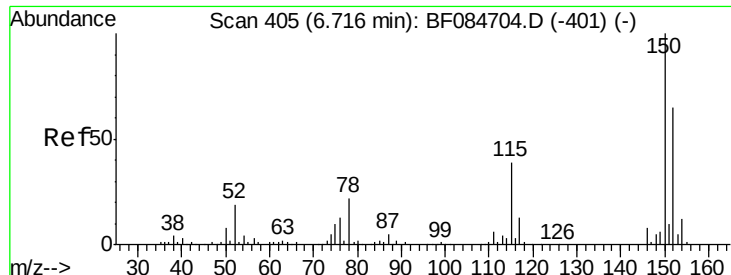
Instrument :
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085048.D

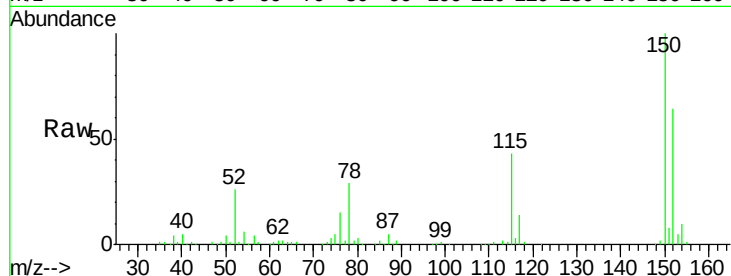
Acq: 12 Feb 2016 8:21

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Tgt Ion:152 Resp: 137774

Ion Ratio Lower Upper

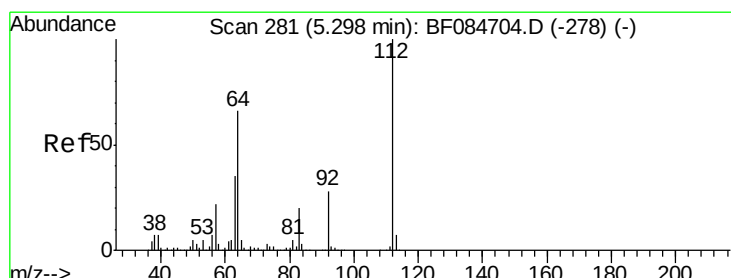
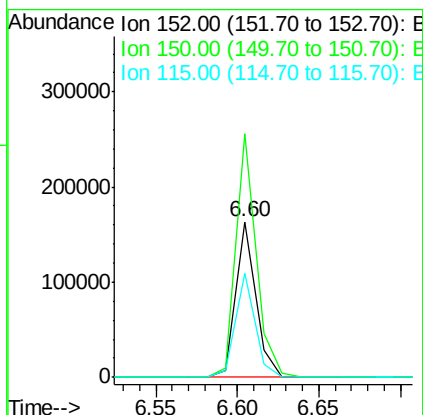
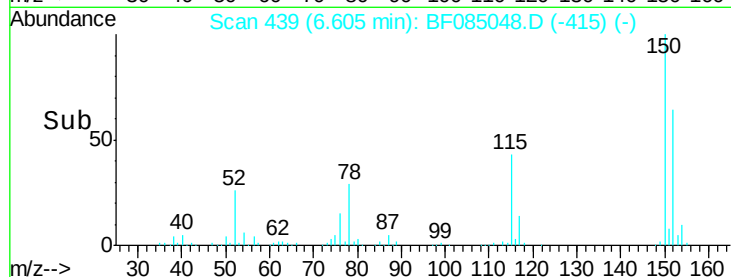
152 100

150 156.2 123.0 184.4

115 66.9 51.4 77.2

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#5

2-Fluorophenol

Concen: 0.37 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.02 min

Lab File: BF085048.D

Acq: 12 Feb 2016 8:21

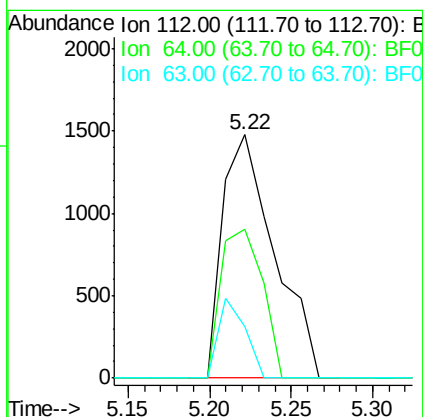
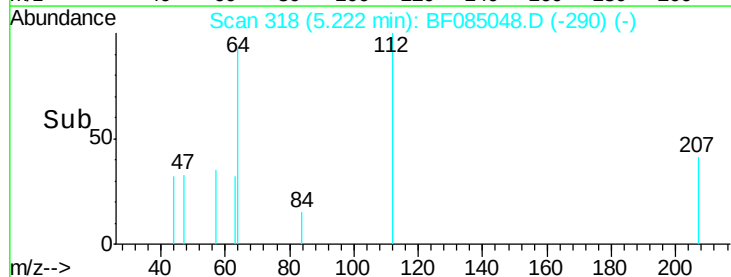
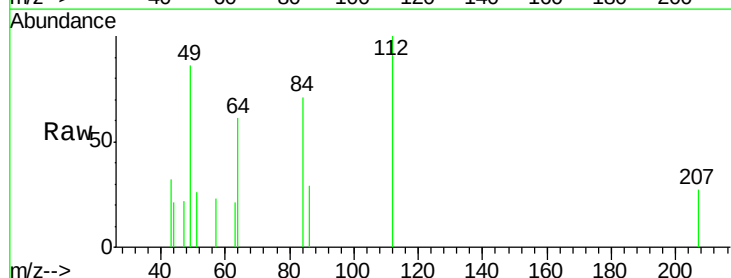
Tgt Ion:112 Resp: 3241

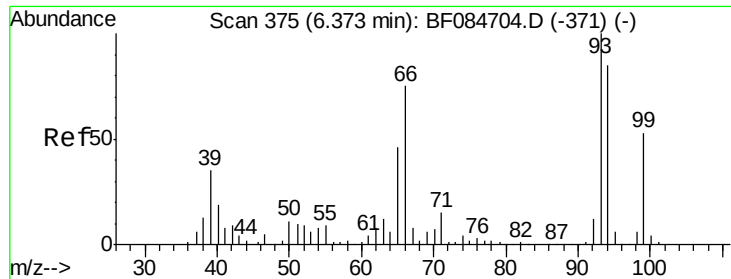
Ion Ratio Lower Upper

112 100

64 61.2 36.6 55.0#

63 21.3 19.4 29.0





#6

Aniline

Concen: 87.14 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085048.D

Acq: 12 Feb 2016 8:21

Instrument :

BNA_F

ClientSampleId :

SYS-DIS-020516DL

Tgt Ion: 93 Resp: 1169253

Ion Ratio Lower Upper

93 100

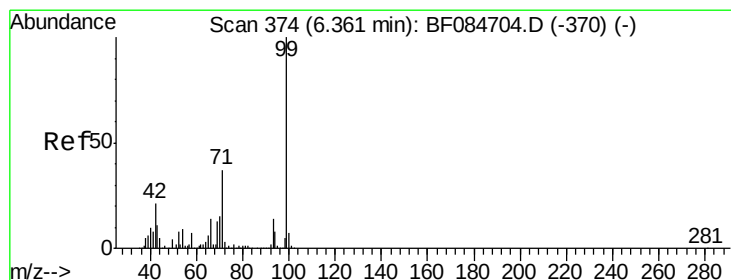
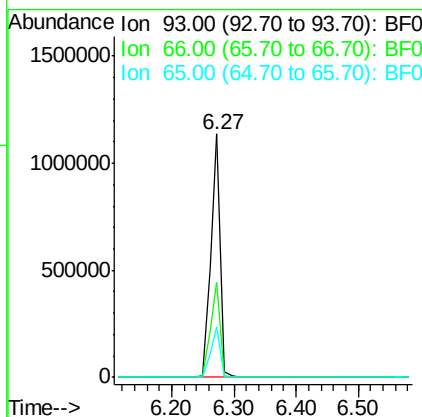
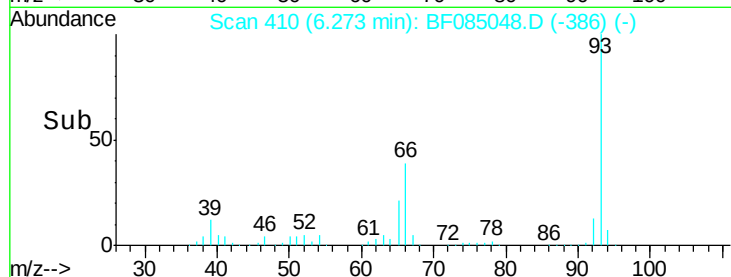
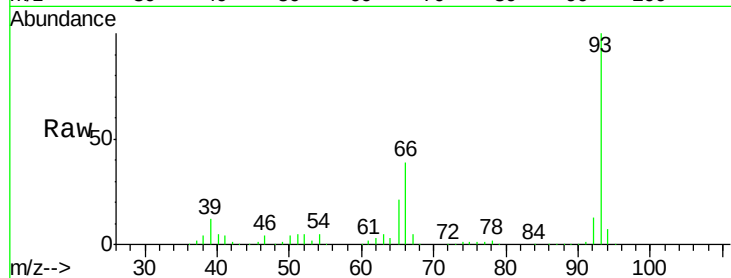
66 38.8 44.9 67.3#

65 20.5 23.7 35.5#

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#7

Phenol-d6

Concen: 0.26 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF085048.D

Acq: 12 Feb 2016 8:21

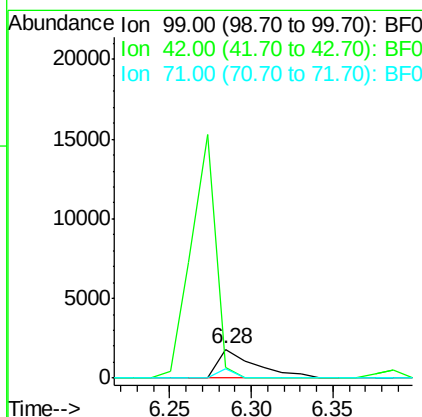
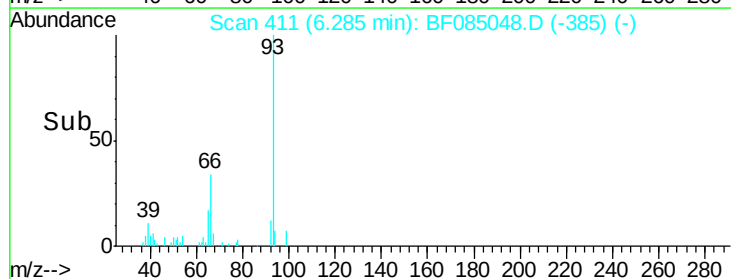
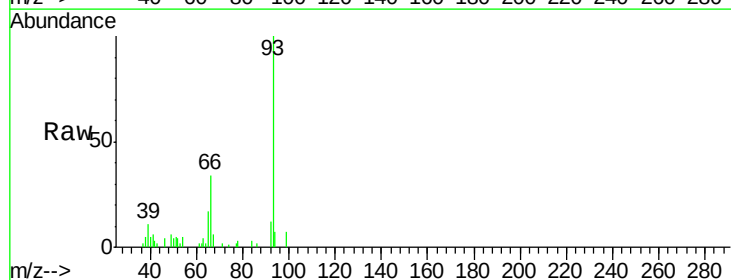
Tgt Ion: 99 Resp: 2836

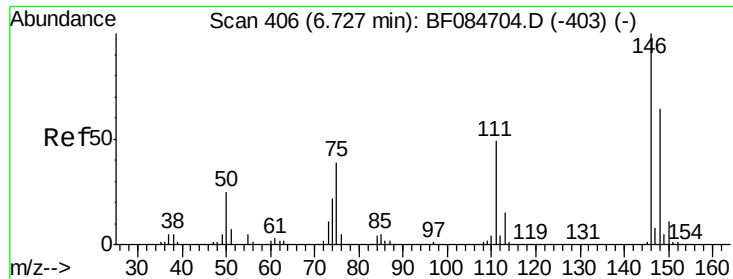
Ion Ratio Lower Upper

99 100

42 39.0 12.8 19.2#

71 34.0 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 2.63 ng m

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF085048.D

Acq: 12 Feb 2016 8:21

Instrument :

BNA_F

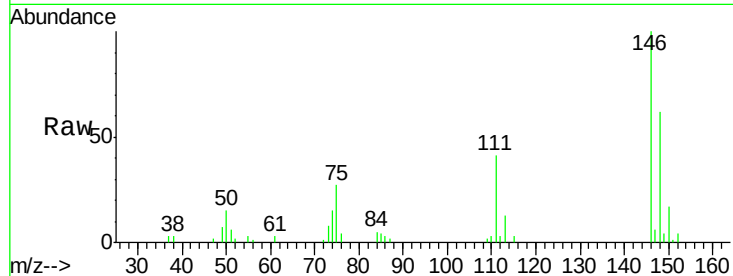
ClientSampleId :

SYS-DIS-020516DL

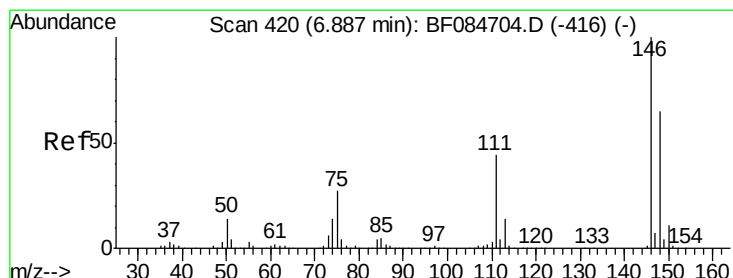
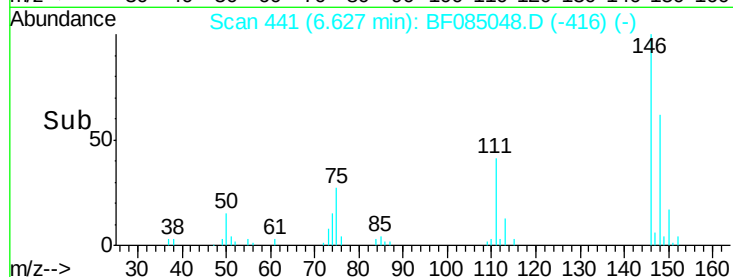
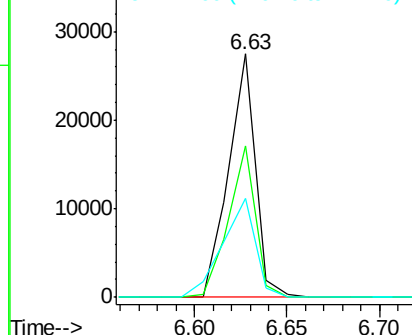
Tgt Ion:	146	Resp:	27840
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.9	77.9
111	40.6	41.6	62.4#

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 4.01 ng

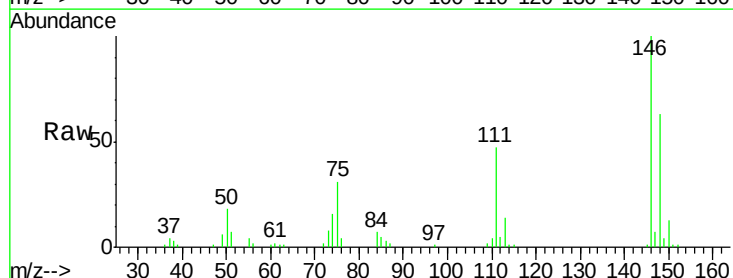
RT: 6.78 min Scan# 454

Delta R.T. -0.02 min

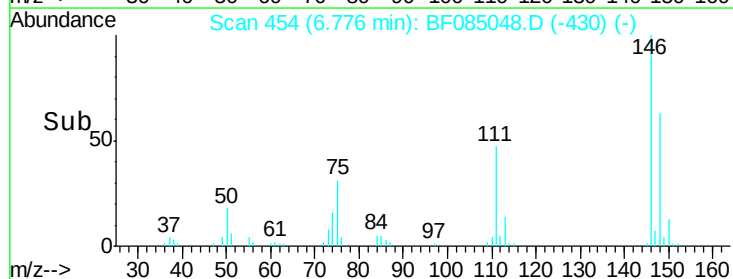
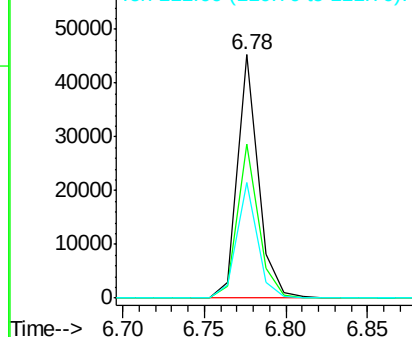
Lab File: BF085048.D

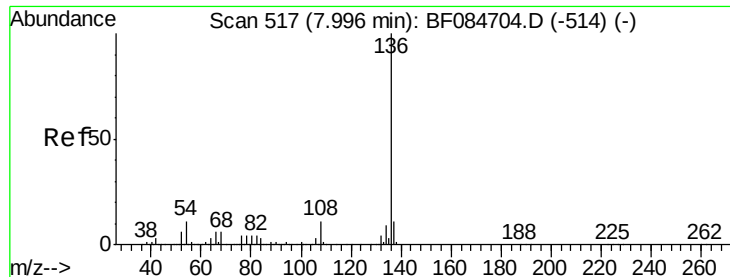
Acq: 12 Feb 2016 8:21

Tgt Ion:	146	Resp:	39494
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.6	77.4
111	47.4	38.0	57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





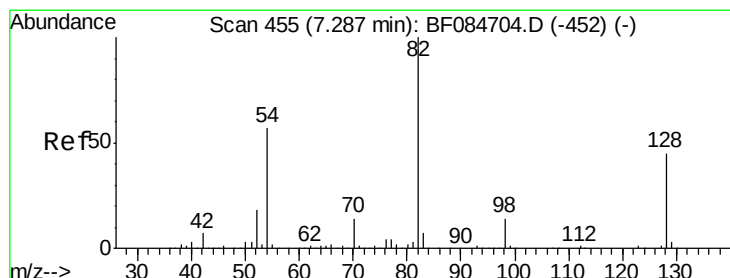
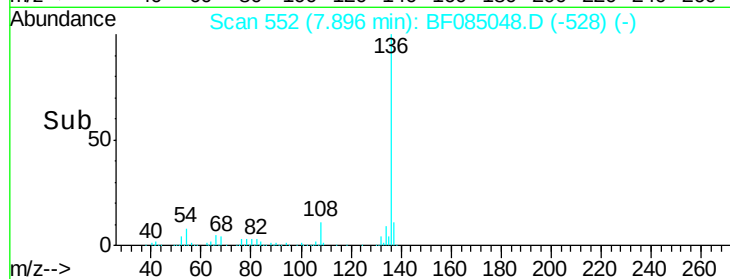
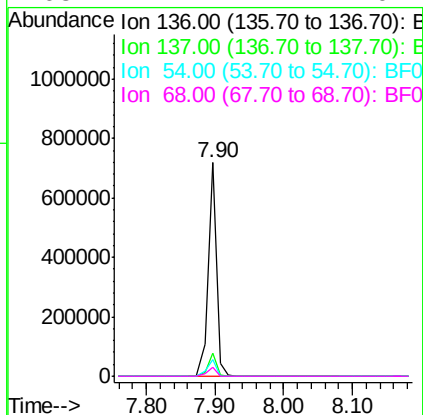
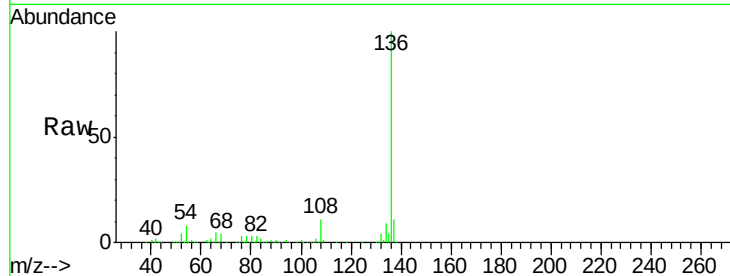
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085048.D
Acq: 12 Feb 2016 8:21

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.0	8.7	13.1
54	8.0	5.8	8.8
68	4.4	4.2	6.2

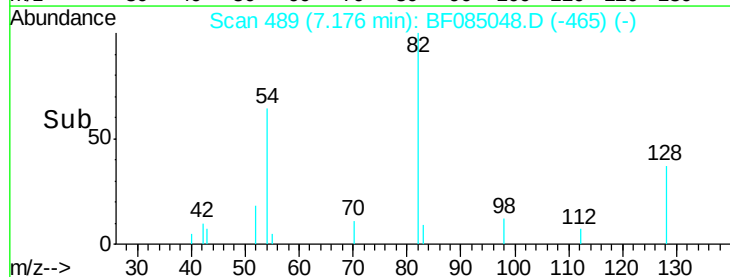
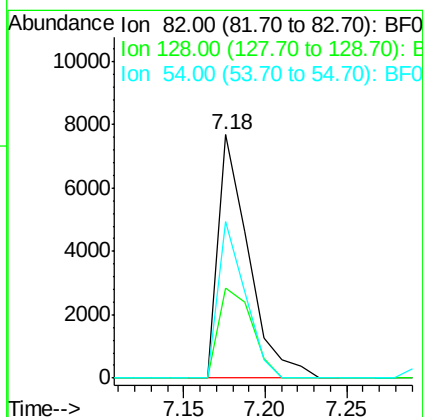
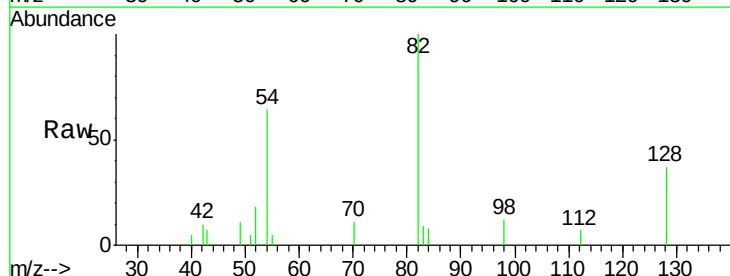
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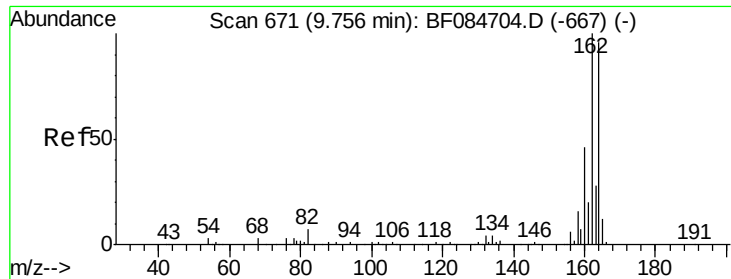
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#23
Nitrobenzene-d5
Concen: 0.93 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF085048.D
Acq: 12 Feb 2016 8:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	37.1	34.6	51.8
54	64.5	38.4	57.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085048.D

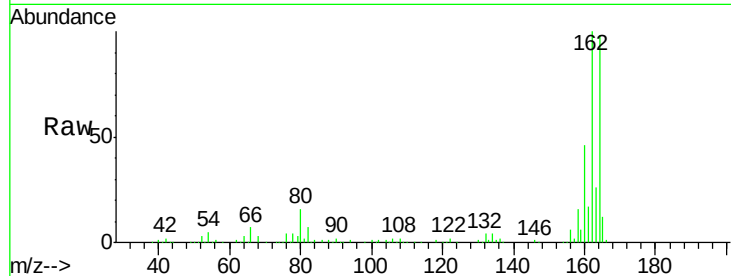
Acq: 12 Feb 2016 8:21

Instrument :

BNA_F

ClientSampleId :

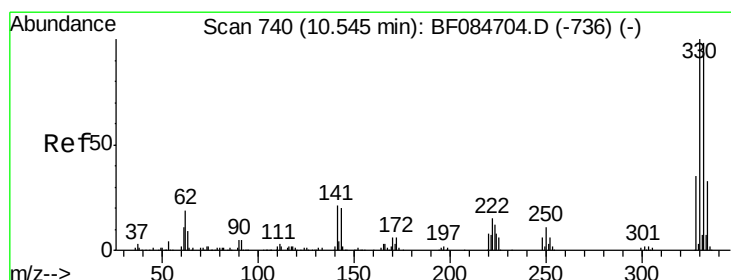
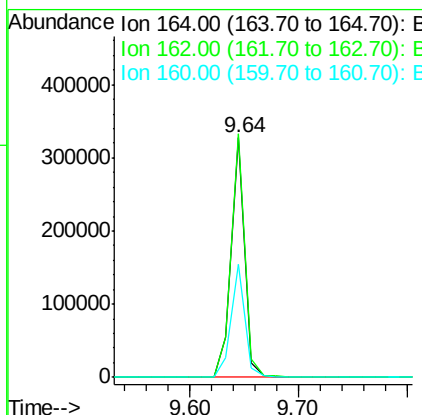
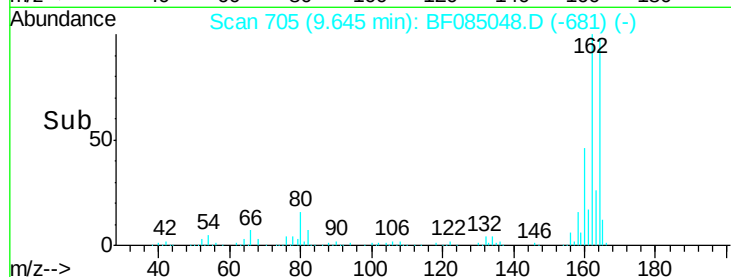
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	85.1	127.7	
160	47.2	37.5	56.3	

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#41

2,4,6-Tribromophenol

Concen: 0.13 ng

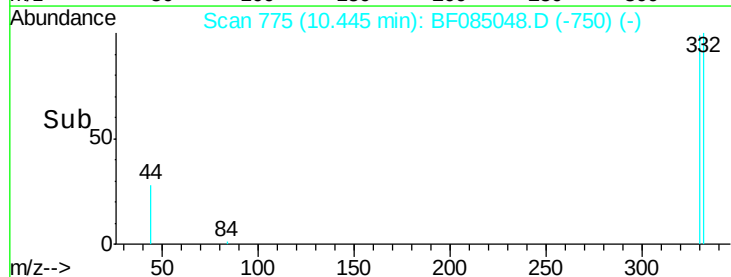
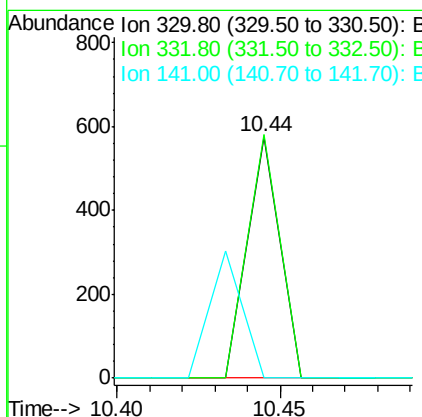
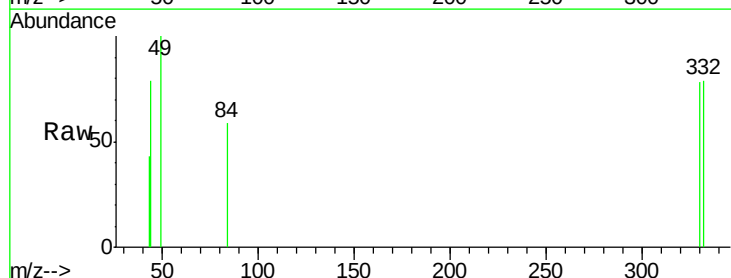
RT: 10.44 min Scan# 775

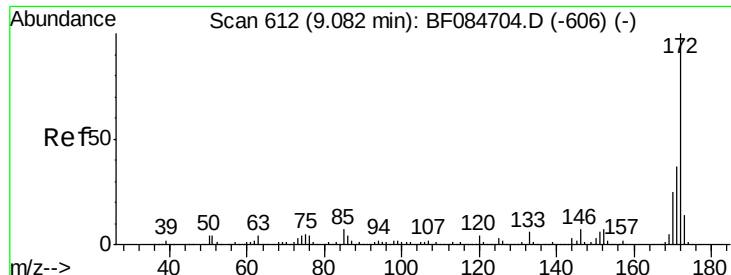
Delta R.T. -0.01 min

Lab File: BF085048.D

Acq: 12 Feb 2016 8:21

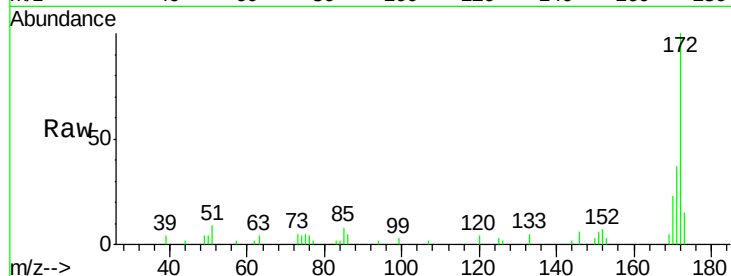
Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.0	76.6	114.8	
141	52.5	27.8	41.6	





#44
2-Fluorobiphenyl
Concen: -1.00 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF085048.D
Acq: 12 Feb 2016 8:21

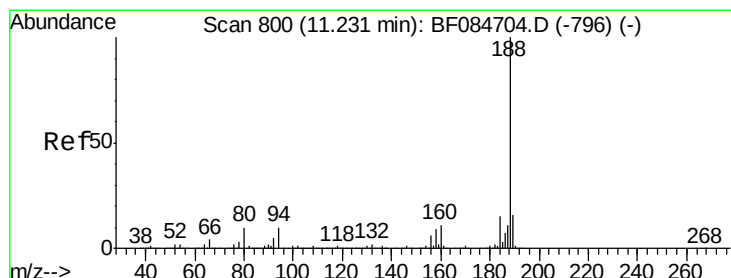
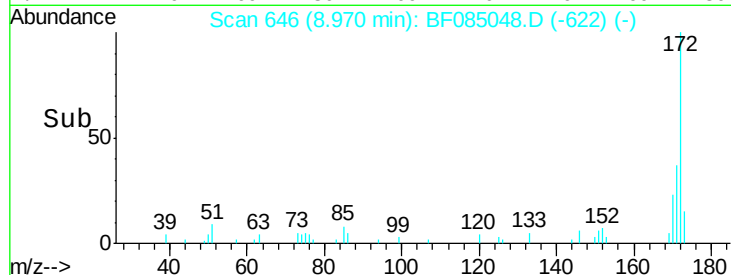
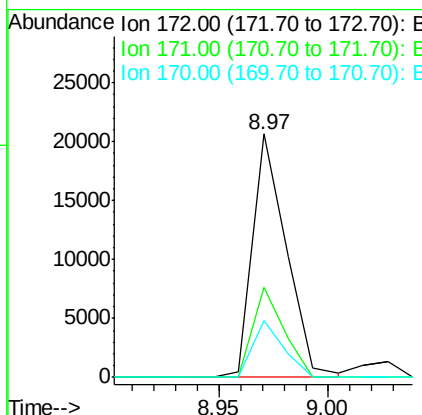
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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	37.2	28.9	43.3
170	23.4	18.6	27.8

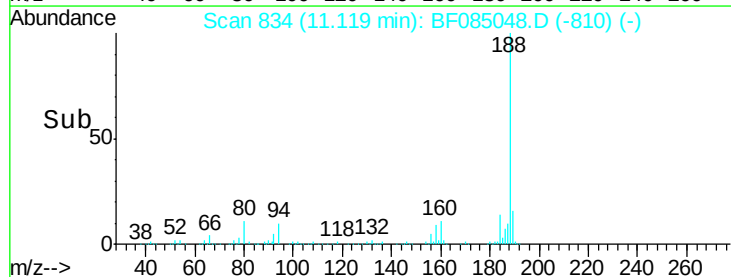
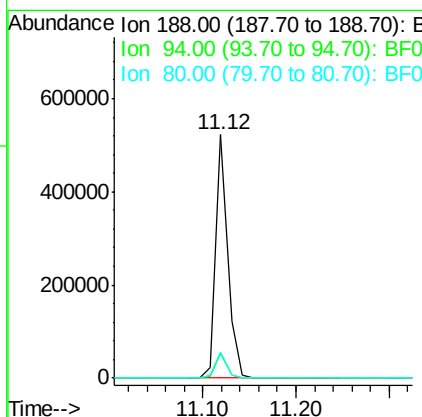
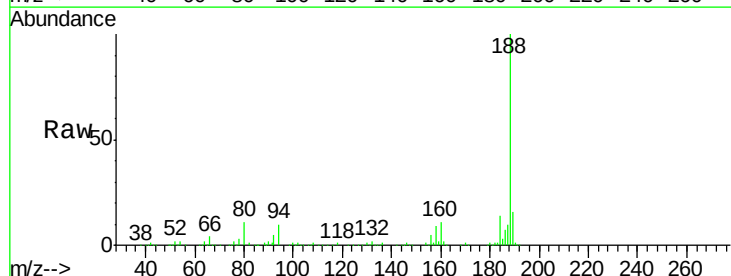
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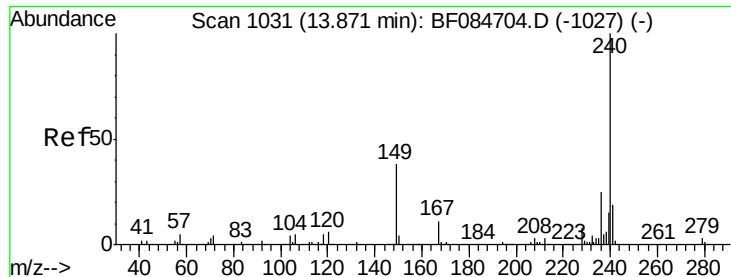
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085048.D
Acq: 12 Feb 2016 8:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	9.0	13.4
80	10.6	9.6	14.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF085048.D

Acq: 12 Feb 2016 8:21

Instrument :

BNA_F

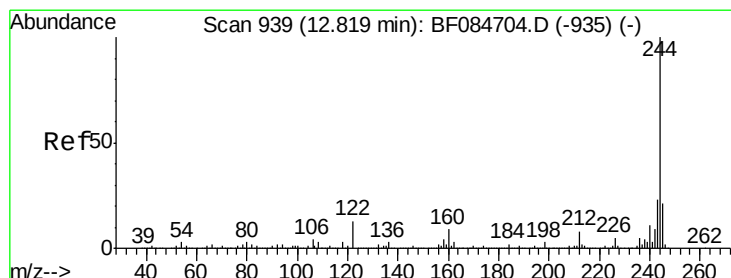
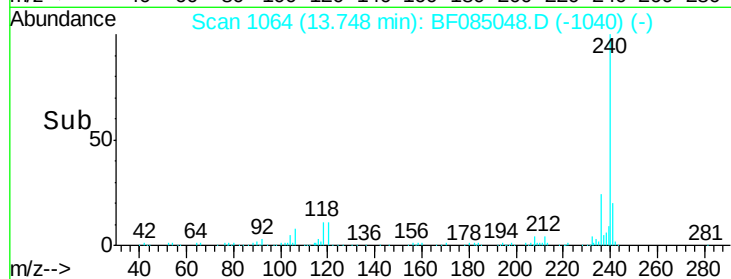
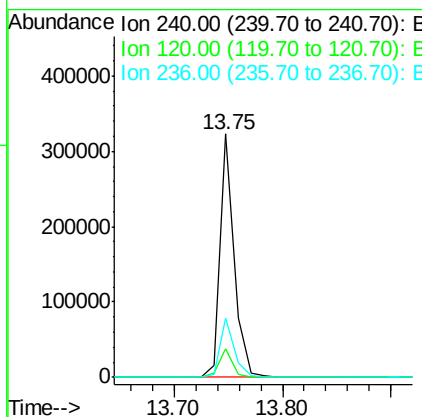
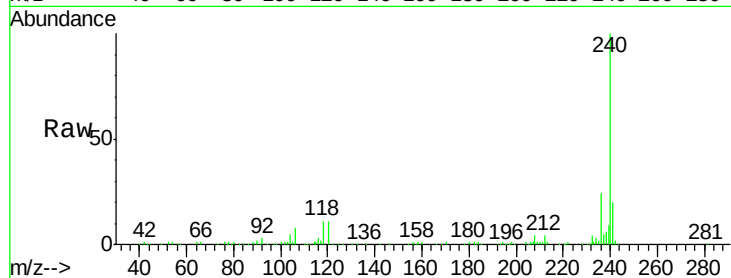
ClientSampleId :

SYS-DIS-020516DL

Tgt Ion:	240	Resp:	293704
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.5	14.3
236	24.4	20.6	31.0

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#78

Terphenyl-d14

Concen: 0.86 ng

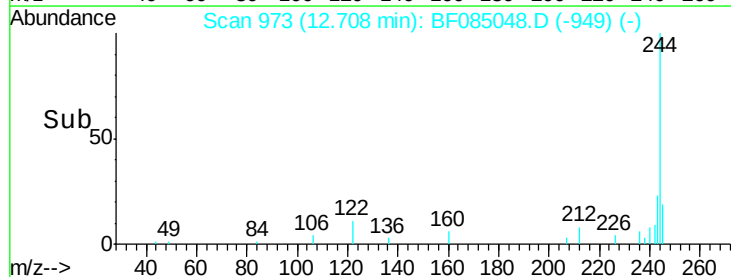
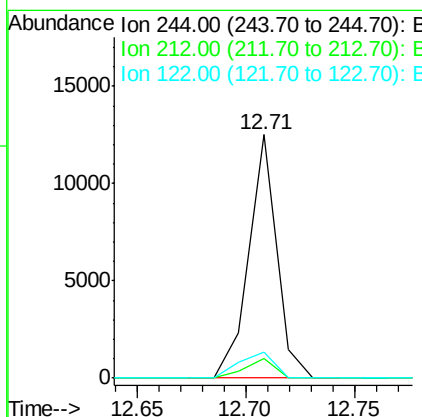
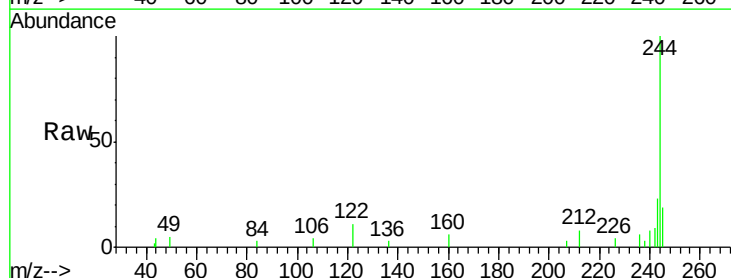
RT: 12.71 min Scan# 973

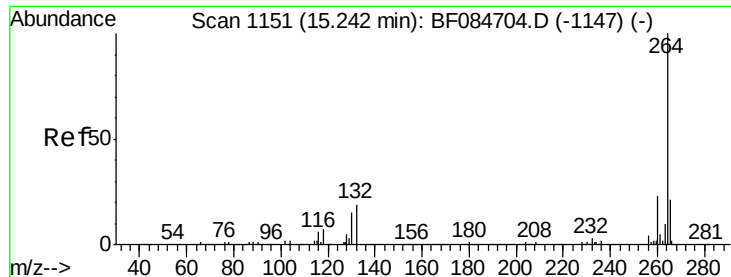
Delta R.T. -0.02 min

Lab File: BF085048.D

Acq: 12 Feb 2016 8:21

Tgt Ion:	244	Resp:	11157
Ion Ratio	Lower	Upper	
244	100		
212	8.2	5.7	8.5
122	10.5	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085048.D
Acq: 12 Feb 2016 8:21

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.6	19.4	29.2
265	21.8	17.8	26.6

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