

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085271.D
 Acq On : 8 Mar 2016 22:35
 Operator : UM/SJ
 Sample : H1704-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9899-A

Manual Integrations
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 3/9/2016 9:30:50 AM

Quant Time: Mar 09 01:16:15 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	6.96	152	150326	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	576064	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	284444	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	548561	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	384946	20.00	ng	-0.03
86) Perylene-d12	15.58	264	265713	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1252324	139.74	ng	0.00
7) Phenol-d6	6.58	99	1211902	103.22	ng	-0.02
23) Nitrobenzene-d5	7.52	82	930812	86.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	383000	157.36	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1763115	94.27	ng	-0.02
78) Terphenyl-d14	13.08	244	1793798	108.17	ng	-0.01
Target Compounds						
31) Naphthalene	8.26	128	364389	12.86	ng	98
59) Diethylphthalate	10.41	149	91396	4.31	ng	96

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

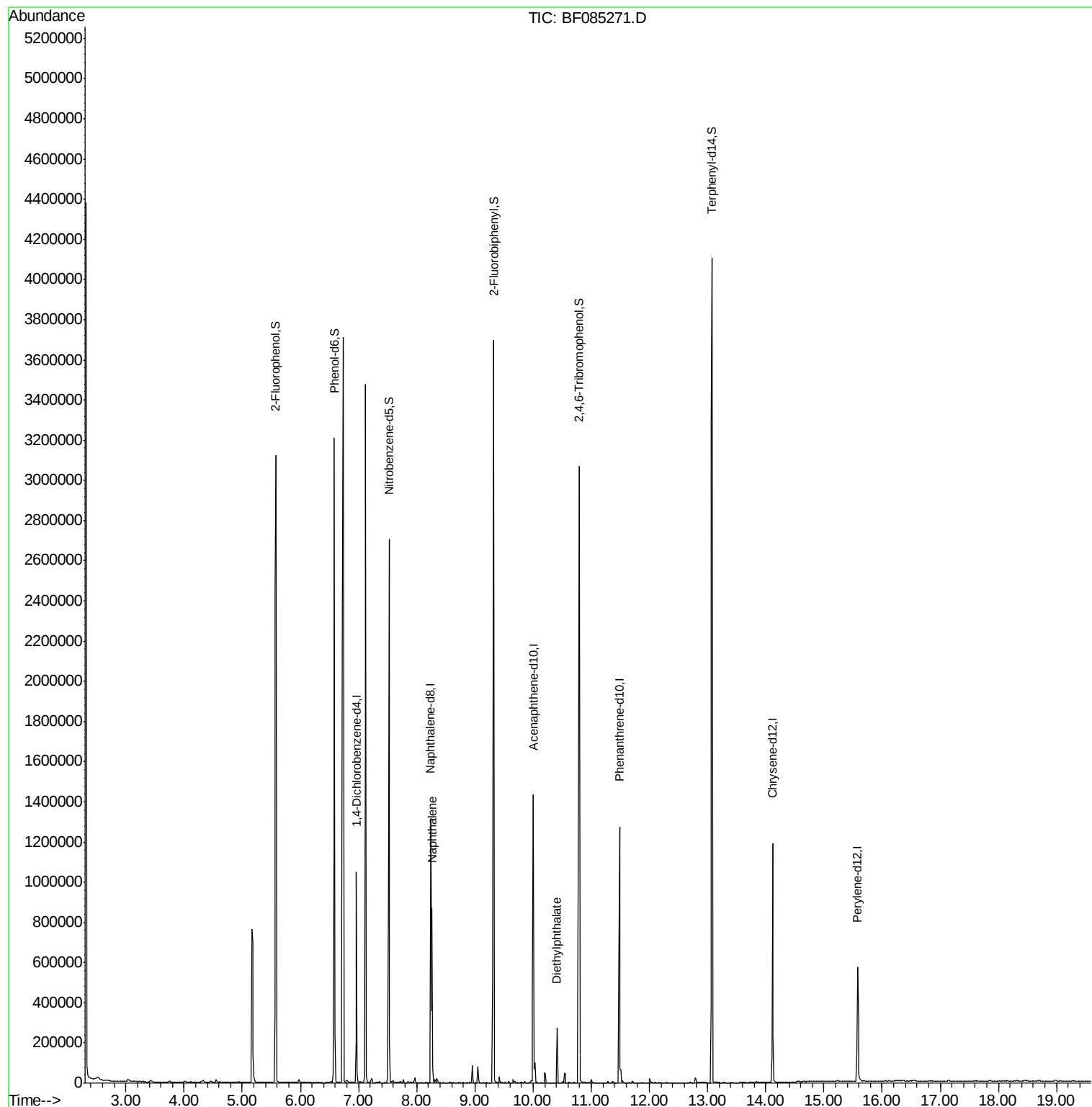
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085271.D
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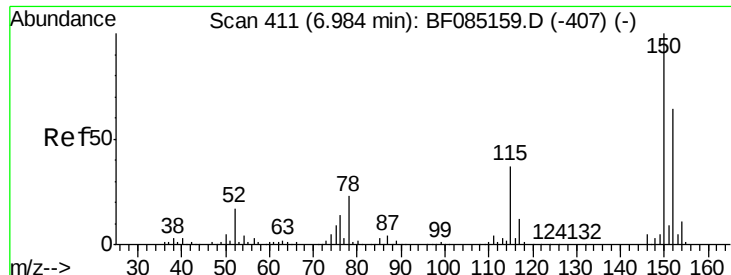
Instrument :
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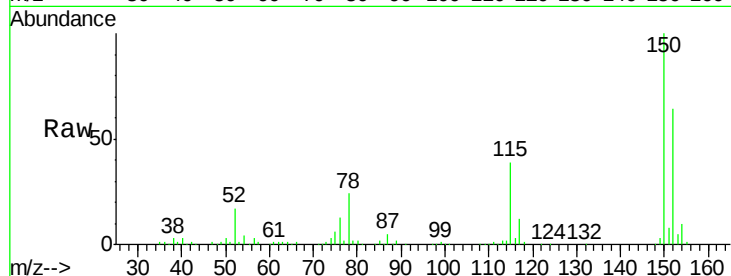
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085271.D
 Acq: 8 Mar 2016 22:35

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9899-A

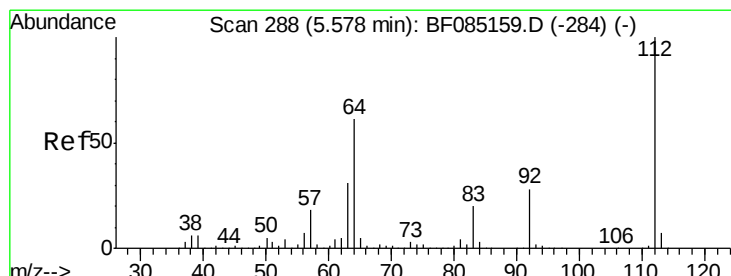
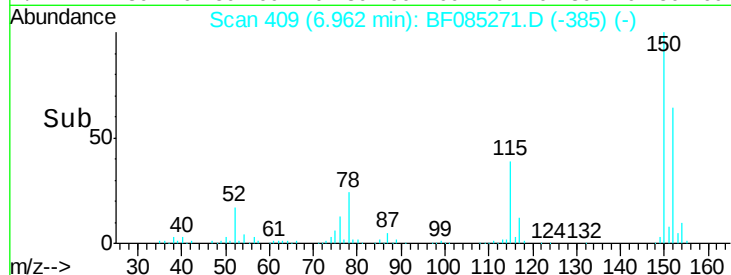
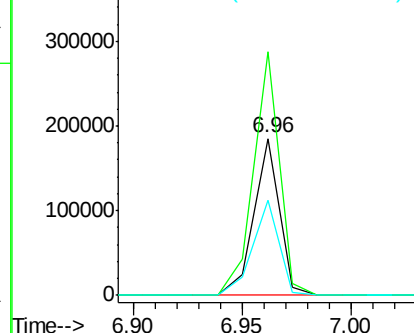
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	150326		
150	155.2	124.6	186.8	
115	60.5	46.6	70.0	

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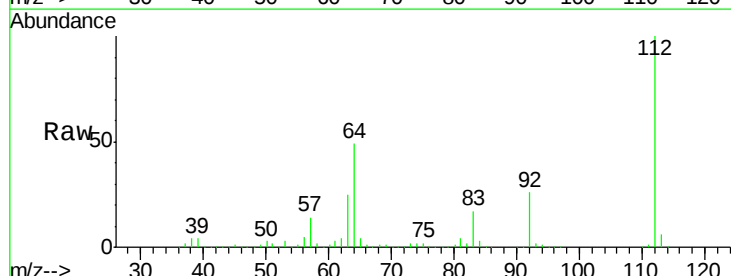


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

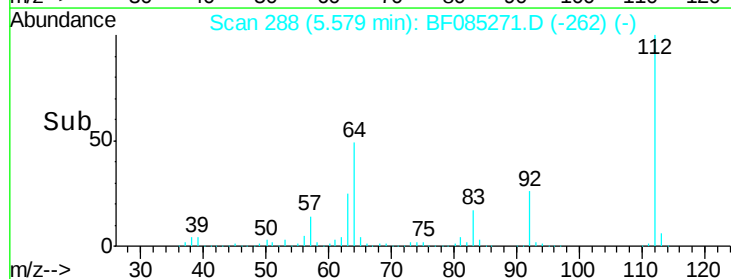
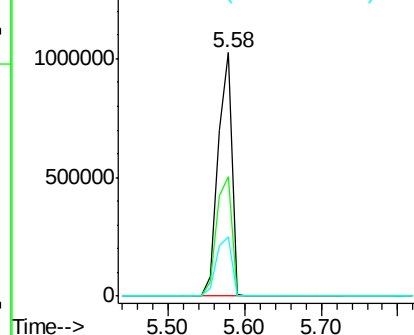


#5
 2-Fluorophenol
 Concen: 139.74 ng
 RT: 5.58 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF085271.D
 Acq: 8 Mar 2016 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1252324		
64	48.9	49.0	73.4#	
63	24.6	24.8	37.2#	



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.22 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

Instrument :

BNA_F

ClientSampleId :

LAR-9899-A

Tgt Ion: 99 Resp: 1211902

Ion Ratio Lower Upper

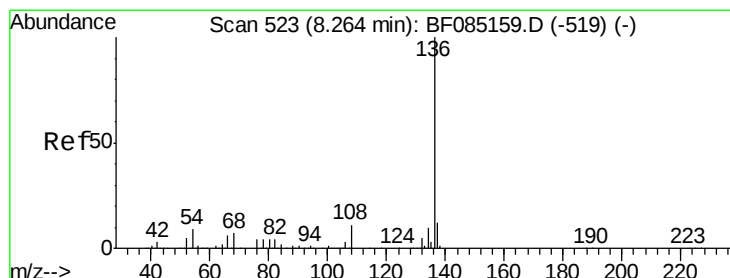
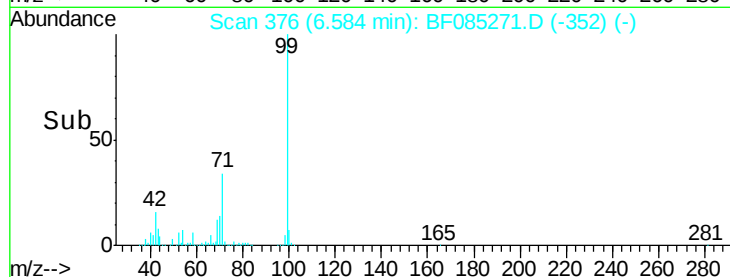
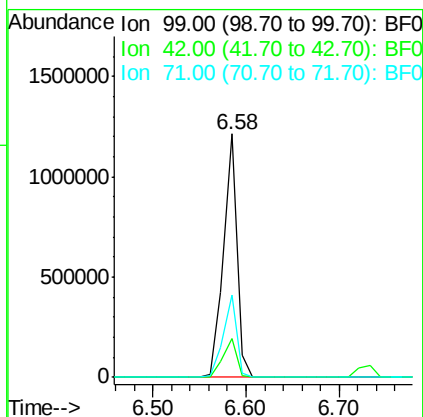
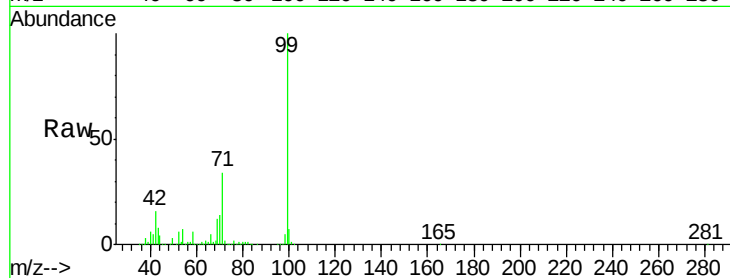
99 100

42 16.0 13.6 20.4

71 33.6 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

Tgt Ion: 136 Resp: 576064

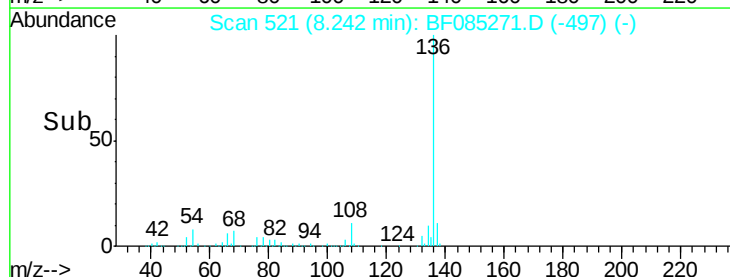
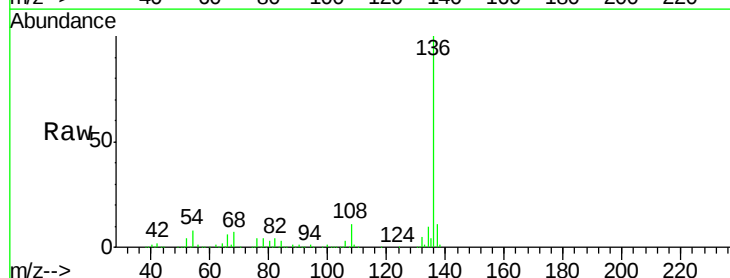
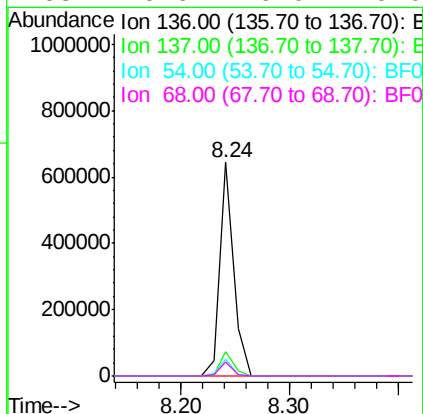
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.0 7.4 11.2

68 6.6 6.0 9.0





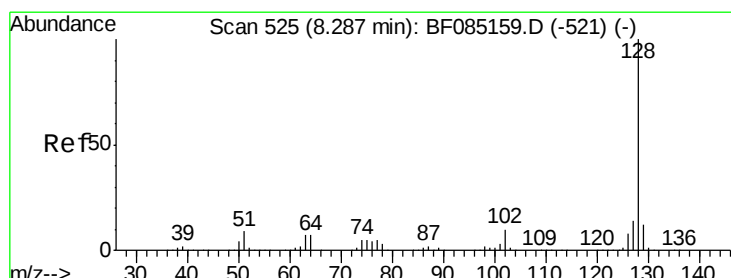
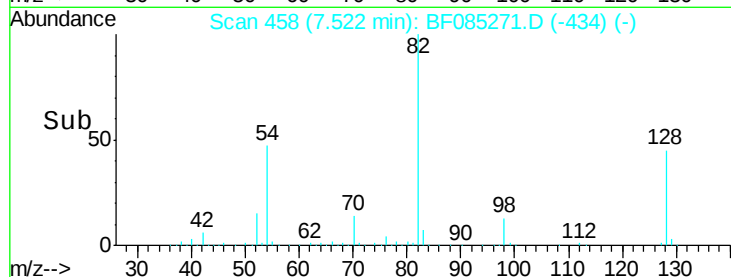
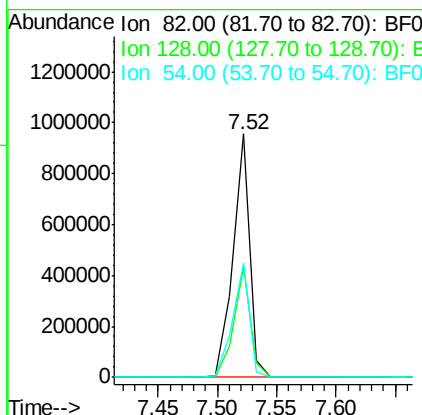
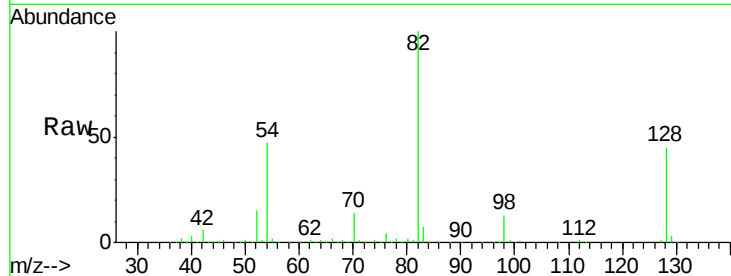
#23
 Nitrobenzene-d5
 Concen: 86.47 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085271.D
 Acq: 8 Mar 2016 22:35

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9899-A

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	930812		
128	45.1	34.5	51.7	
54	46.7	39.3	58.9	

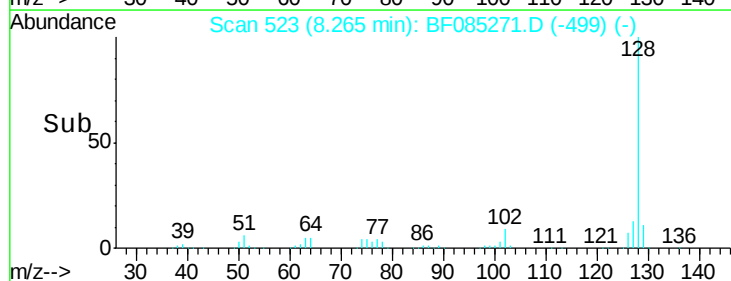
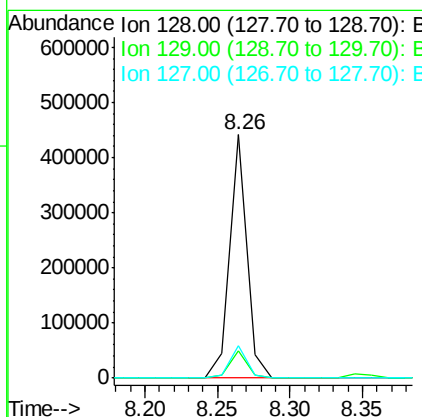
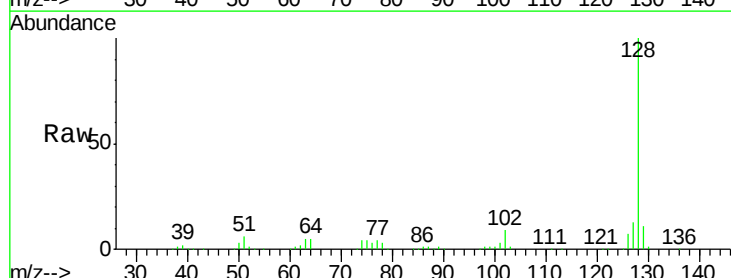
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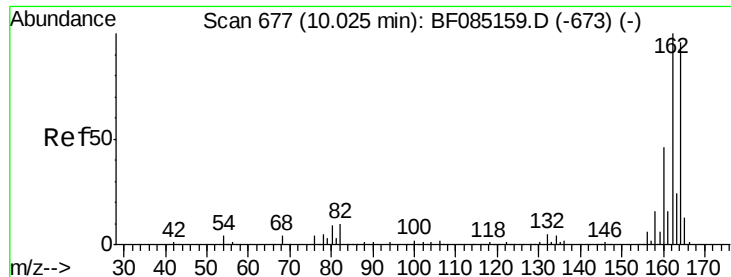
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#31
 Naphthalene
 Concen: 12.86 ng
 RT: 8.26 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF085271.D
 Acq: 8 Mar 2016 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	364389		
129	11.3	9.7	14.5	
127	13.1	11.2	16.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF085271.D

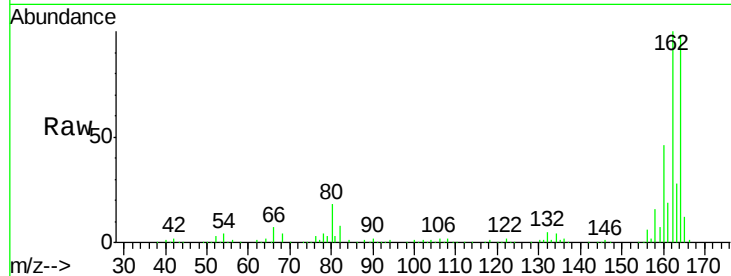
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Instrument :

BNA_F

ClientSampleId :

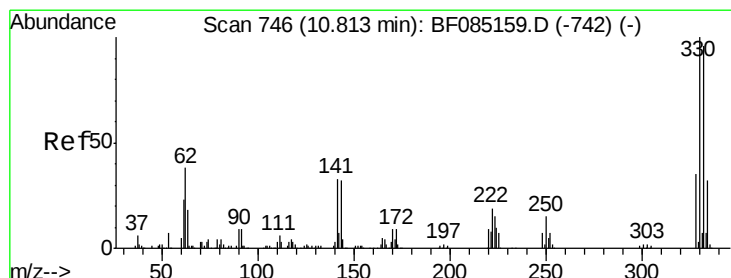
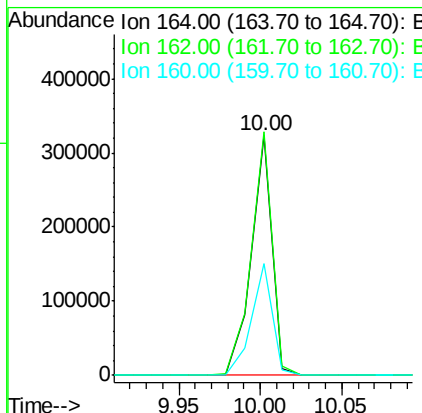
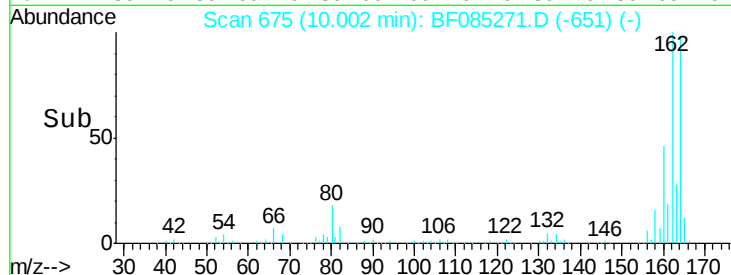
LAR-9899-A



Tgt Ion:	164	Resp:	284444
Ion Ratio	Lower	Upper	
164	100		
162	101.7	83.3	124.9
160	46.7	37.9	56.9

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#41

2,4,6-Tribromophenol

Concen: 157.36 ng

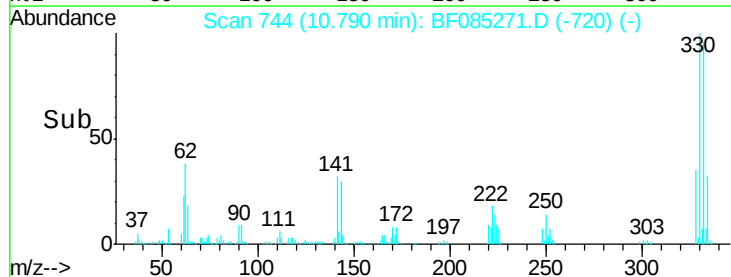
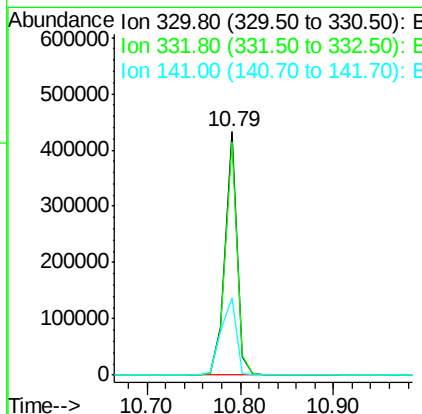
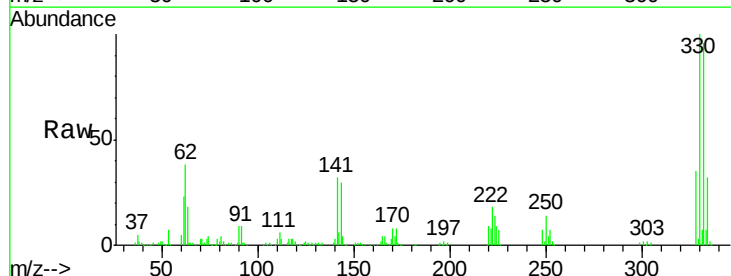
RT: 10.79 min Scan# 744

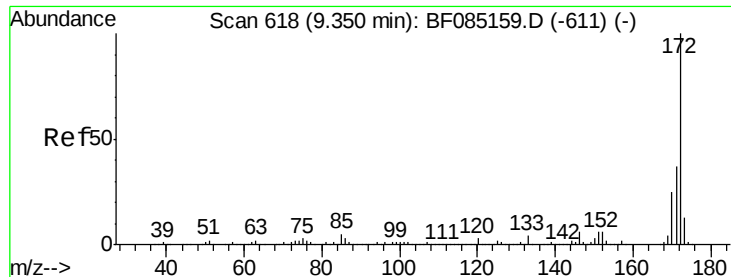
Delta R.T. -0.02 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

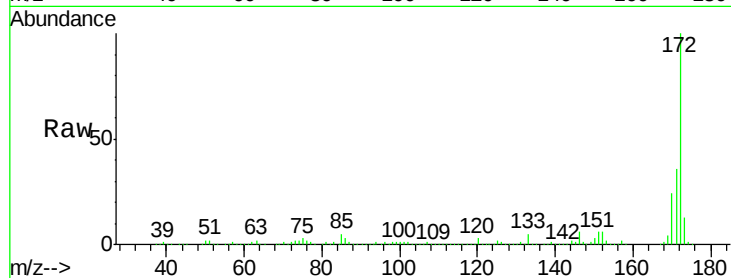
Tgt Ion:	330	Resp:	383000
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.1	115.7
141	40.3	35.0	52.6





#44
2-Fluorobiphenyl
Concen: 94.27 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

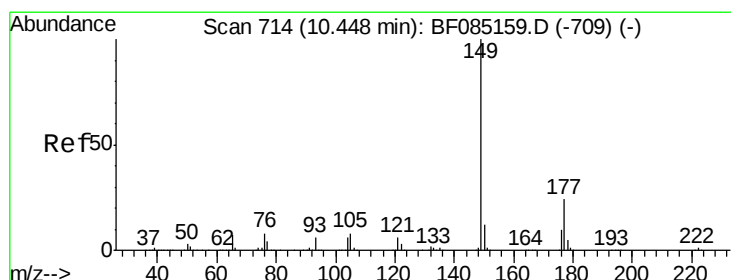
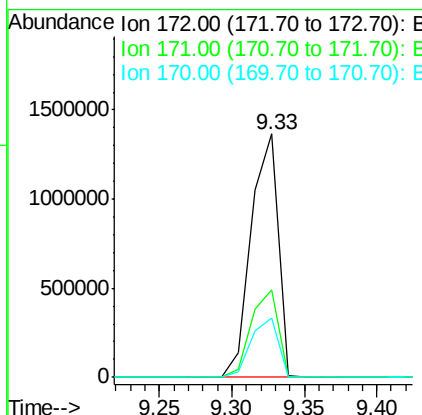
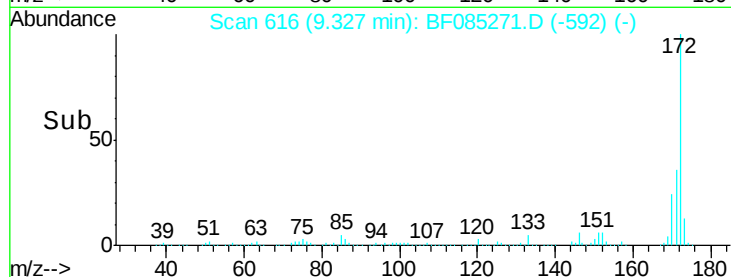
Instrument :
BNA_F
ClientSampleId :
LAR-9899-A



Tgt Ion:172 Resp: 1763115
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 24.5 20.0 30.0

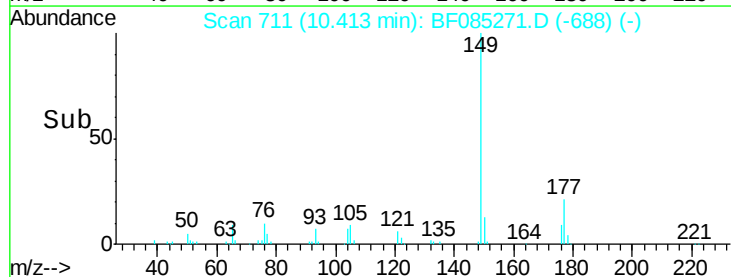
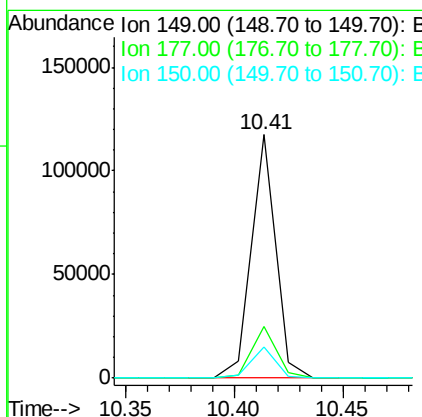
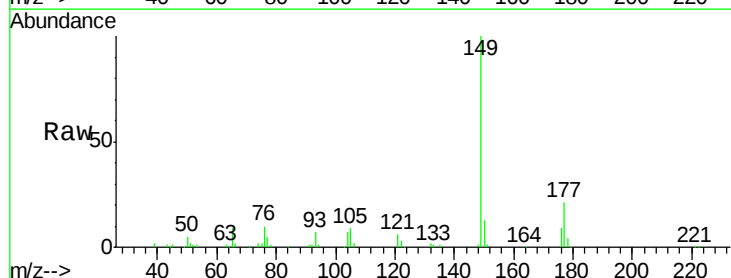
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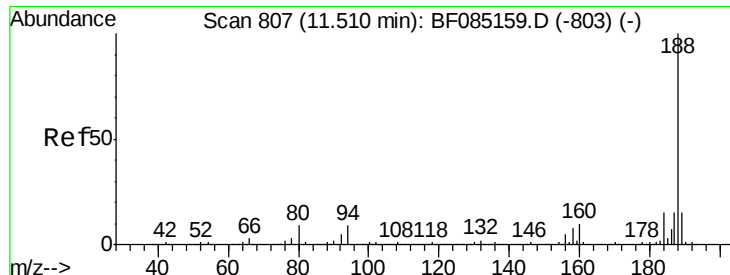
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#59
Diethylphthalate
Concen: 4.31 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

Tgt Ion:149 Resp: 91396
Ion Ratio Lower Upper
149 100
177 21.0 19.2 28.8
150 12.6 9.9 14.9





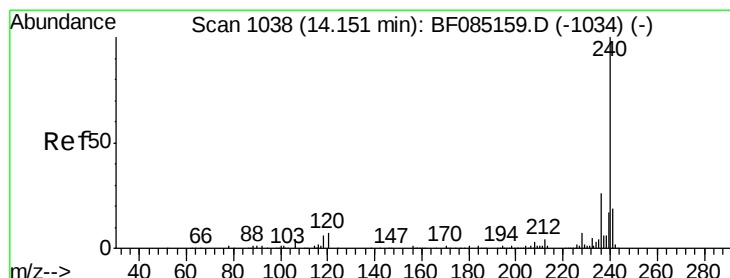
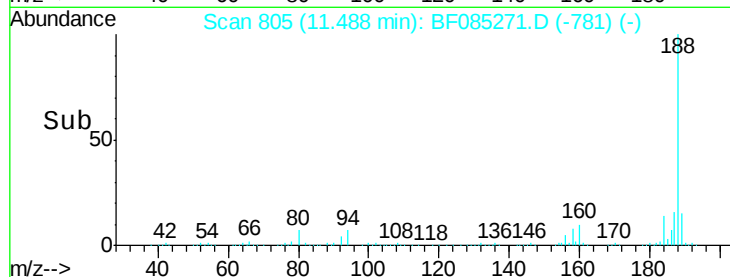
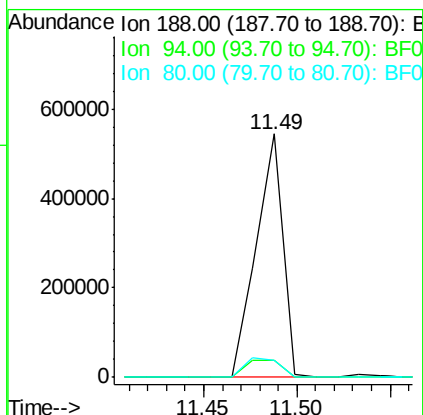
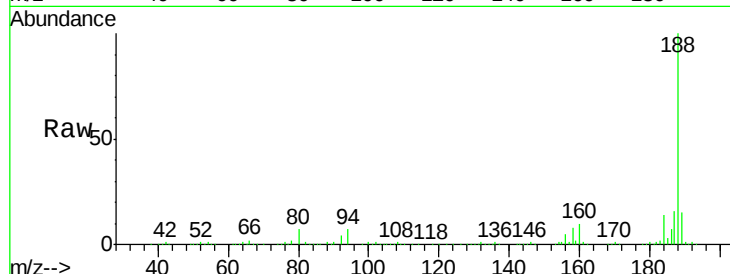
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

Instrument :
BNA_F
ClientSampleId :
LAR-9899-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.0	7.0	10.6#
80	7.2	7.4	11.0#

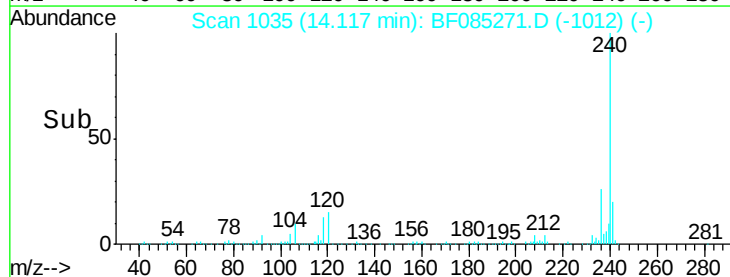
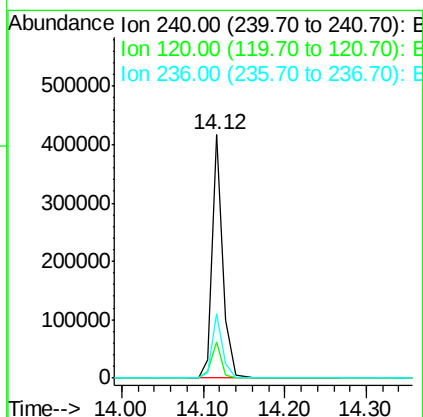
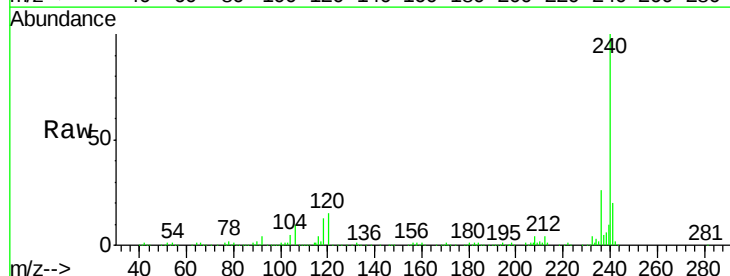
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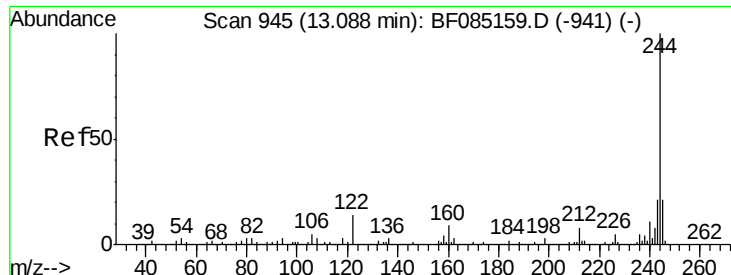
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	15.1	5.3	7.9#
236	26.4	20.7	31.1





#78

Terphenyl-d14

Concen: 108.17 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

Instrument :

BNA_F

ClientSampleId :

LAR-9899-A

Tgt Ion:244 Resp: 1793798

Ion Ratio Lower Upper

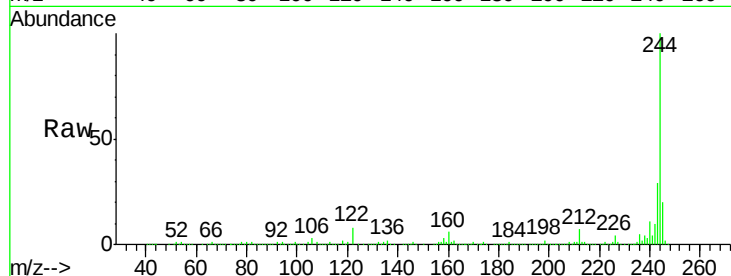
244 100

212 7.0 6.4 9.6

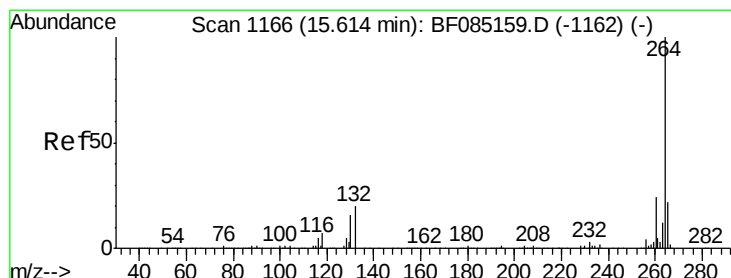
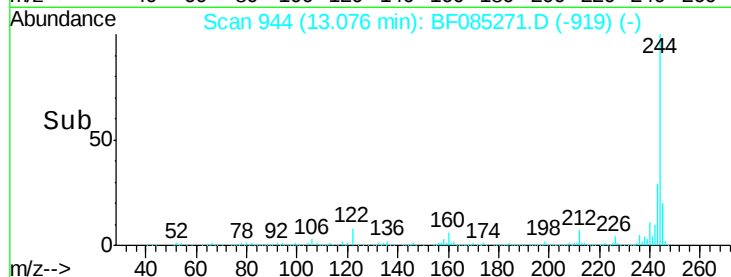
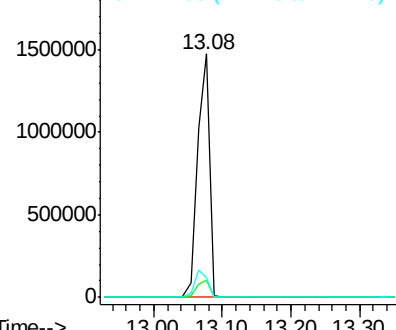
122 8.1 11.4 17.2#

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Abundance Ion 244.00 (243.70 to 244.70): E
2000000
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: 15.58 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

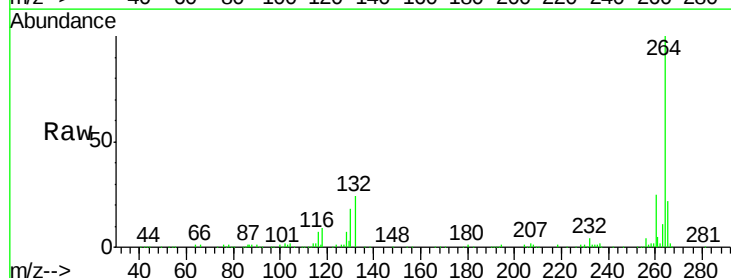
Tgt Ion:264 Resp: 265713

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
250000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

