

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
 Data File : BF077295.D
 Acq On : 12 Feb 2015 21:43
 Operator : TP/IZ
 Sample : G1272-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:40:24 PM

Quant Time: Feb 13 05:13:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 03:50:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	24890	20.00	ng	0.01
21) Naphthalene-d8	10.41	136	99754	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	48306	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	94072	20.00	ng	0.00
75) Chrysene-d12	20.95	240	95178	20.00	ng	-0.01
86) Perylene-d12	22.58	264	85012	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	195178	122.21	ng	0.01
7) Phenol-d6	6.93	99	212026	107.63	ng	0.00
23) Nitrobenzene-d5	8.81	82	178317	102.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	72387	183.76	ng	-0.01
44) 2-Fluorobiphenyl	13.06	172	372068	115.93	ng	-0.01
78) Terphenyl-d14	19.70	244	424610	100.21	ng	0.00
Target Compounds						
31) Naphthalene	10.45	128	41725	8.47	ng	Qvalue 100
76) Benzidine	19.39	184	9841m	2.55	ng	

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

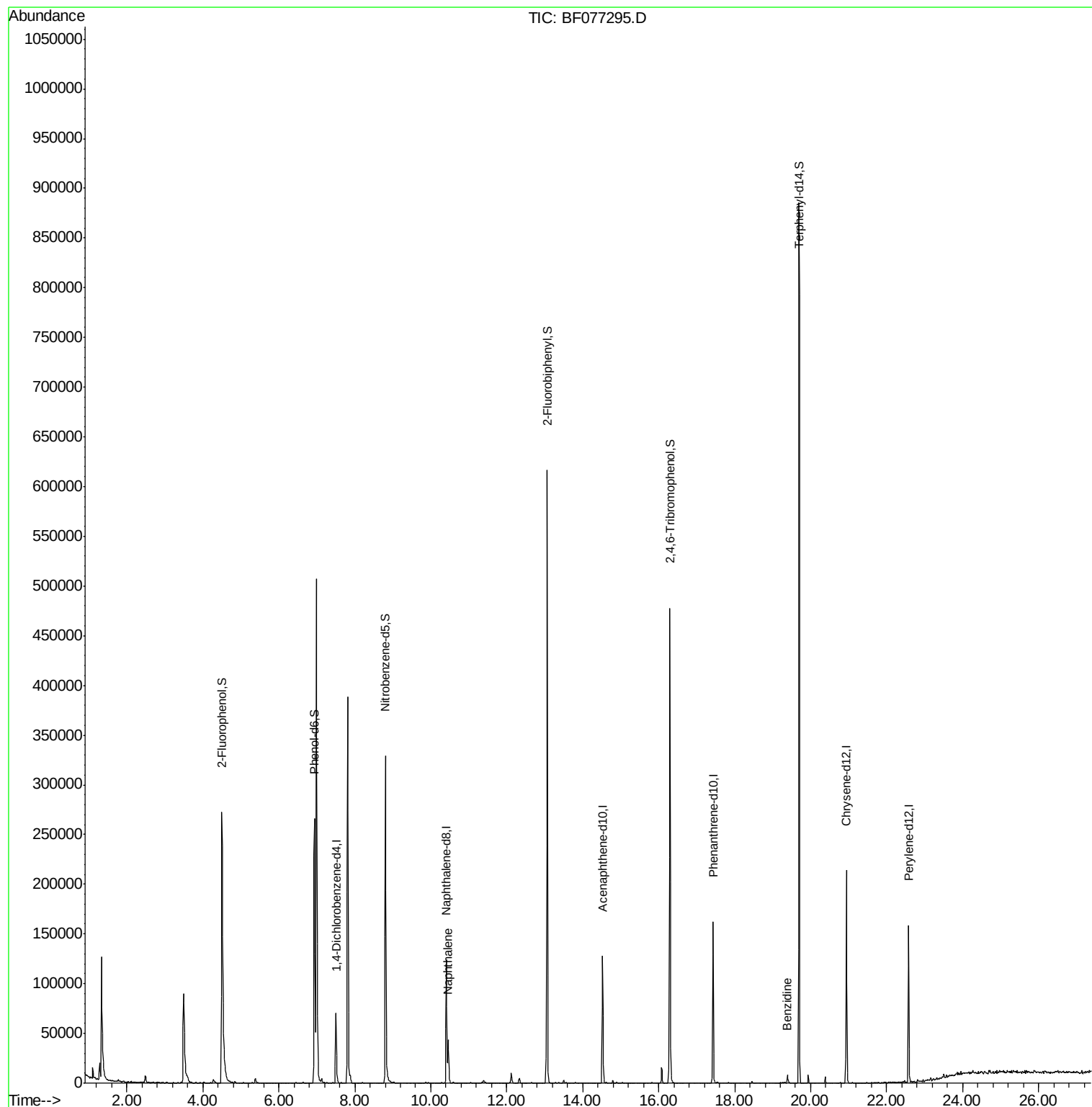
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
Data File : BF077295.D
Acq On : 12 Feb 2015 21:43
Operator : TP/IZ
Sample : G1272-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

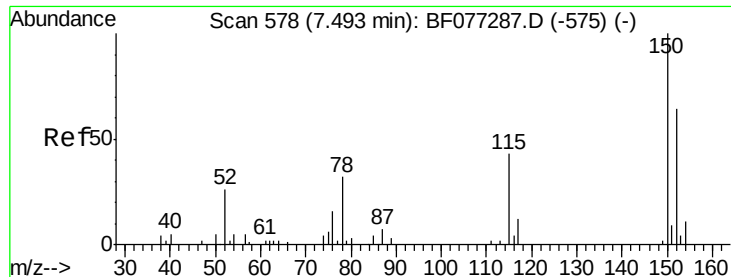
Instrument :
BNA_F
ClientSampleId :
WC-1

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Quant Time: Feb 13 05:13:13 2015
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#1

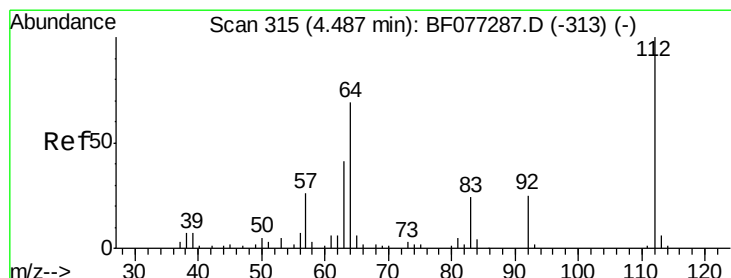
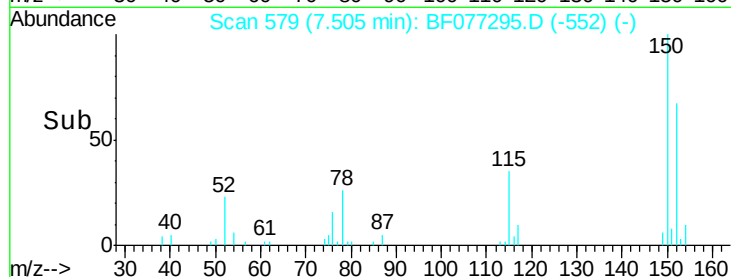
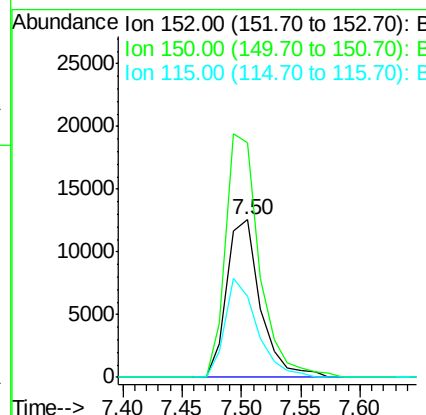
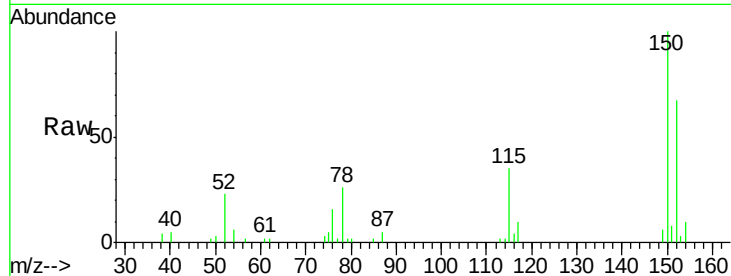
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF077295.D
Acq: 12 Feb 2015 21:43

Instrument :
BNA_F
ClientSampled :
WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	124.9	187.3
115	51.8	54.1	81.1#

Manual Integrations
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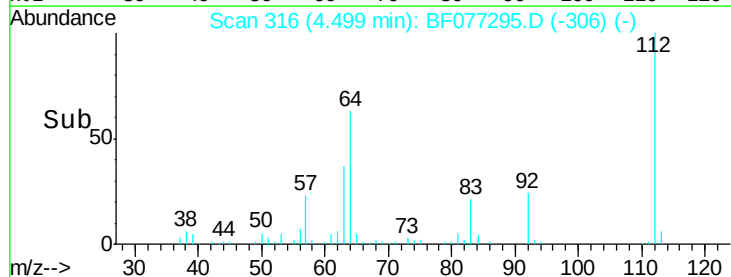
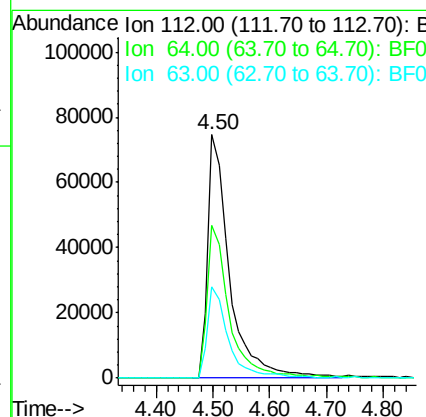
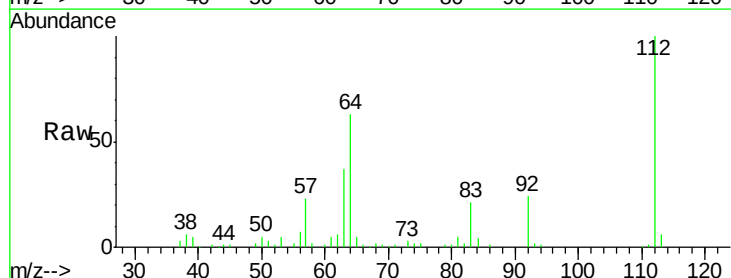
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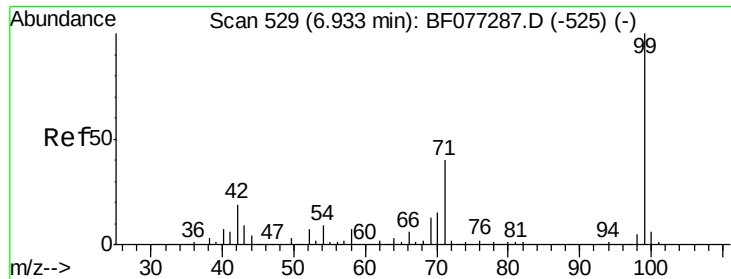


#5

2-Fluorophenol
Concen: 122.21 ng
RT: 4.50 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF077295.D
Acq: 12 Feb 2015 21:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	55.0	82.4
63	37.5	33.0	49.6





#7

Phenol-d6

Concen: 107.63 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF077295.D

Acq: 12 Feb 2015 21:43

Instrument :

BNA_F

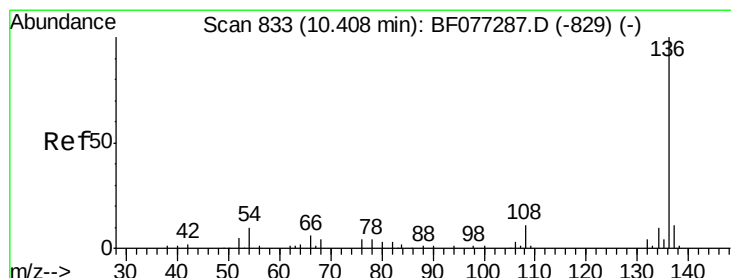
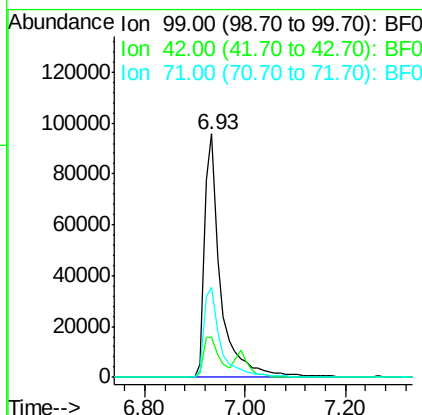
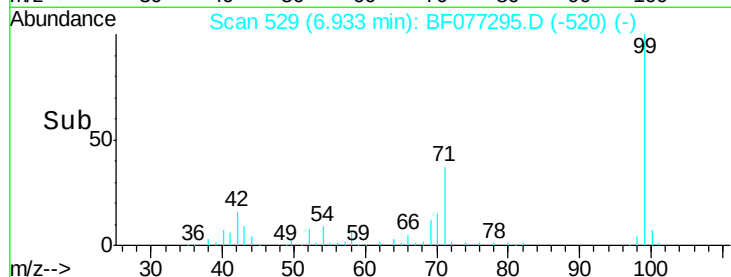
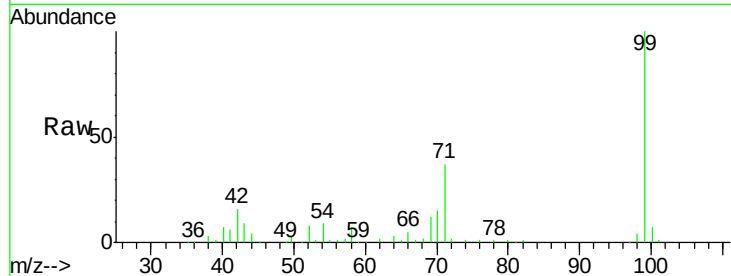
ClientSampleId :

WC-1

Tot Ion:	99	Resp:	212026
Ion Ratio	Lower	Upper	
99	100		
42	16.5	15.0	22.4
71	36.9	31.8	47.6

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#21

Naphthalene-d8

Concen: 20.00 ng

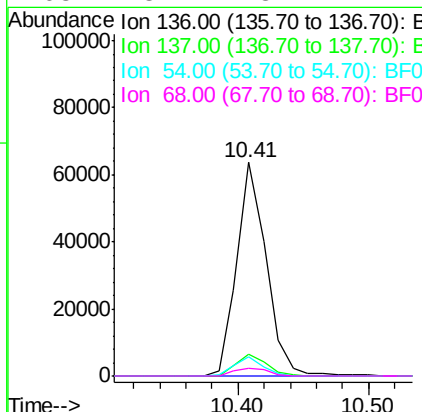
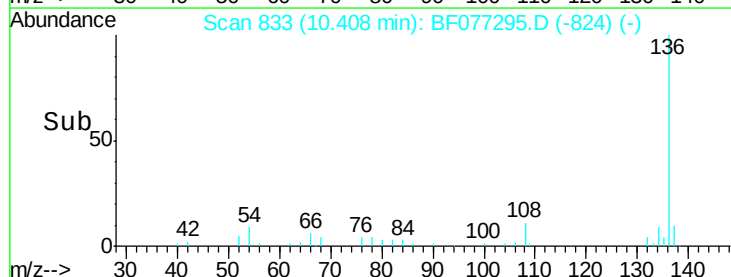
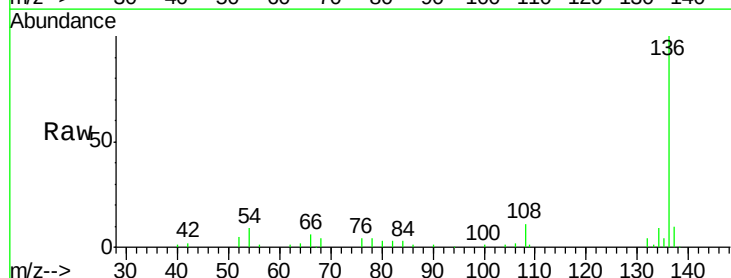
RT: 10.41 min Scan# 833

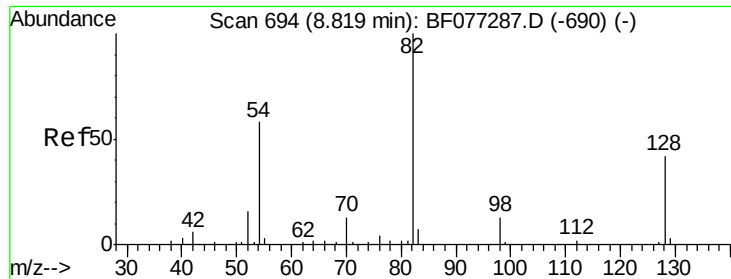
Delta R.T. 0.00 min

Lab File: BF077295.D

Acq: 12 Feb 2015 21:43

Tgt Ion:	136	Resp:	99754
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.7	13.1
54	9.3	8.2	12.2
68	3.7	3.1	4.7





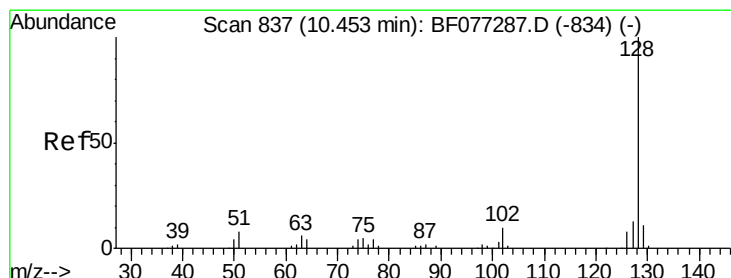
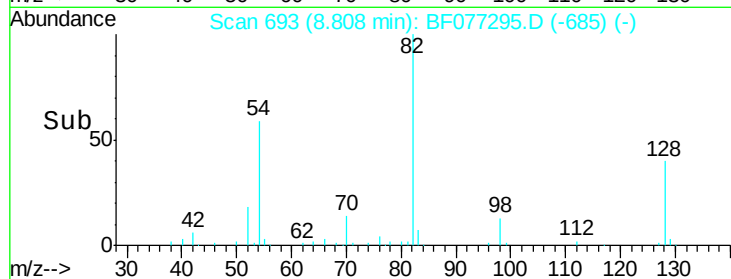
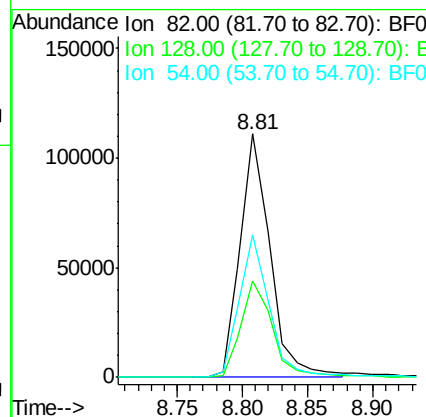
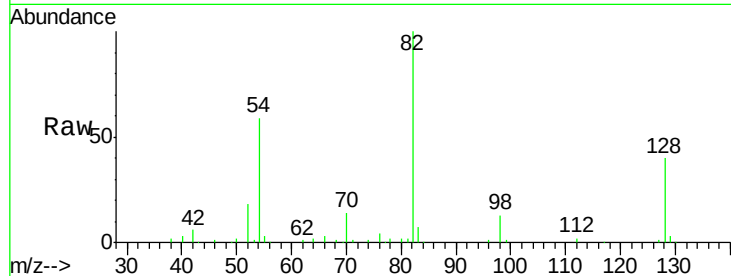
#23
 Nitrobenzene-d5
 Concen: 102.11 ng
 RT: 8.81 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF077295.D
 Acq: 12 Feb 2015 21:43

Instrument :
 BNA_F
 ClientSampled :
 WC-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.6	50.4
54	58.6	46.2	69.2

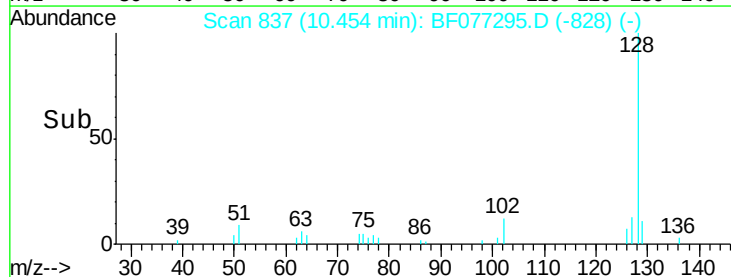
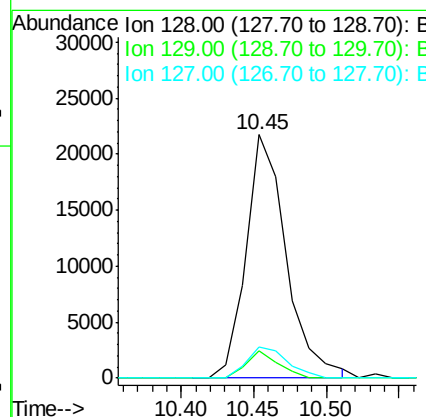
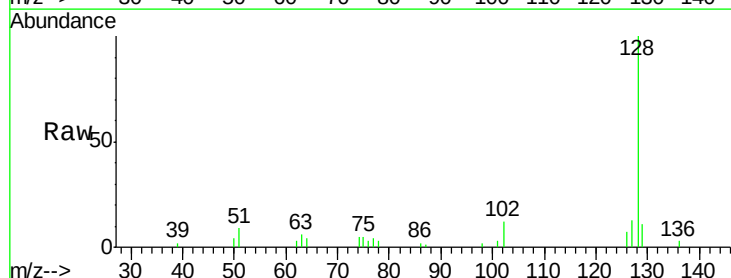
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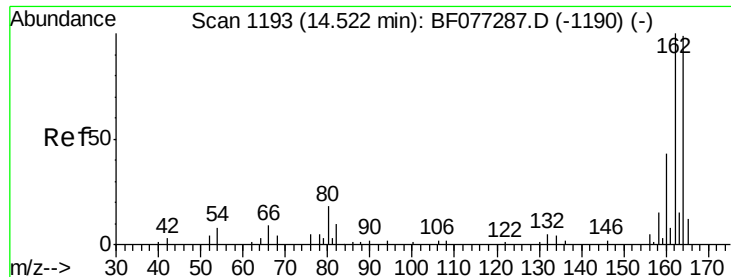
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#31
 Naphthalene
 Concen: 8.47 ng
 RT: 10.45 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF077295.D
 Acq: 12 Feb 2015 21:43

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	12.7	10.4	15.6





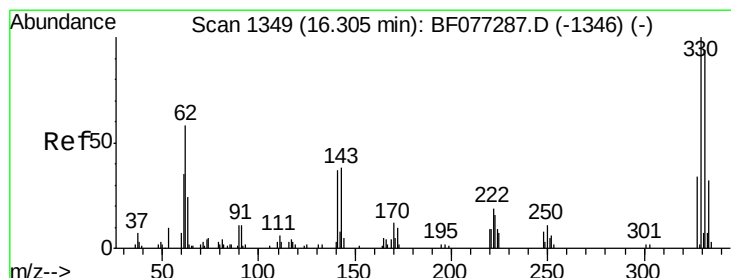
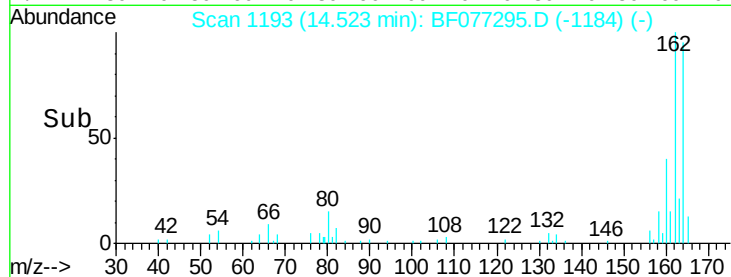
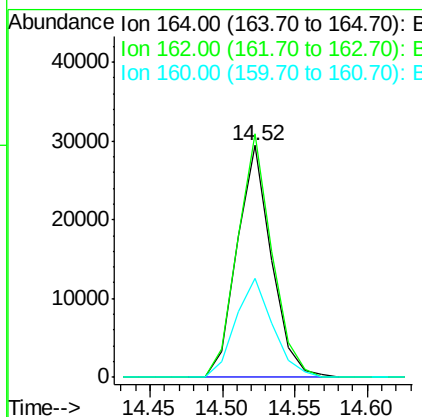
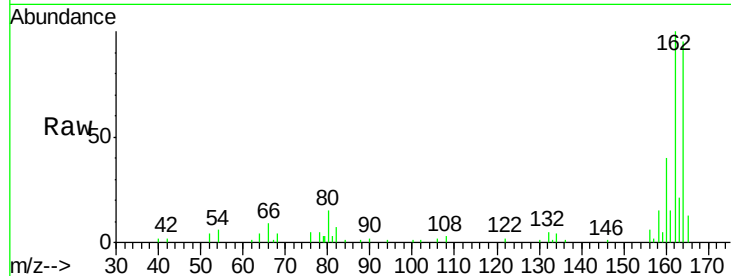
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF077295.D
Acq: 12 Feb 2015 21:43

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.0	121.4
160	42.5	35.2	52.8

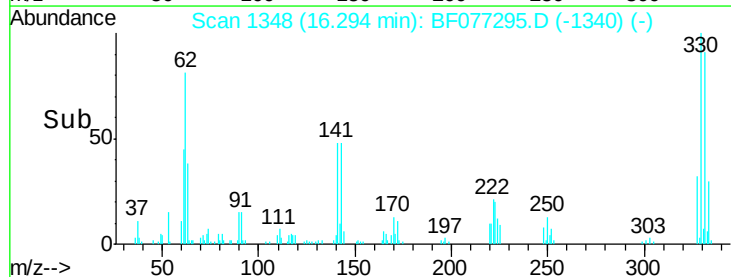
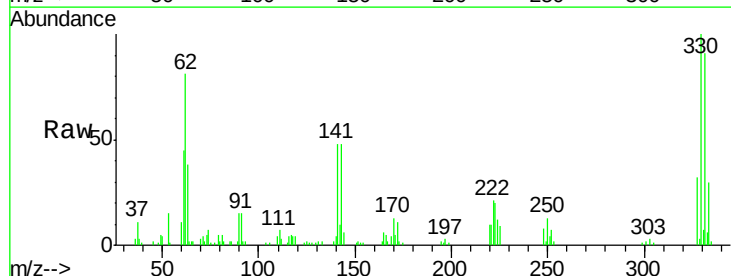
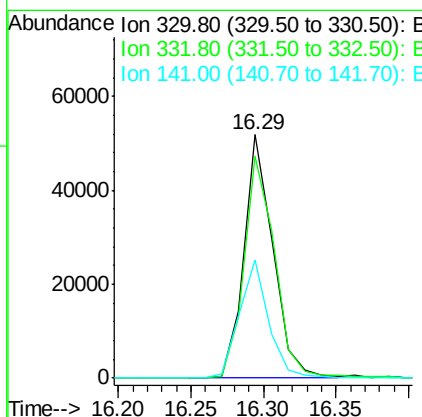
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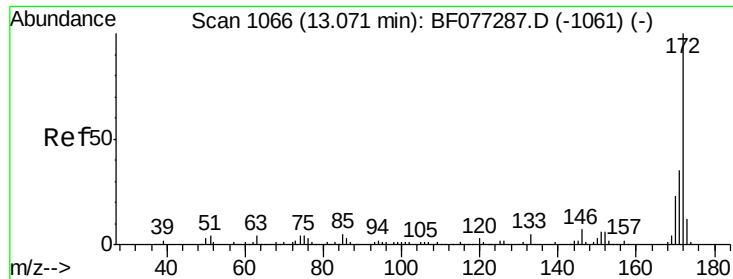
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#41
2,4,6-Tribromophenol
Concen: 183.76 ng
RT: 16.29 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF077295.D
Acq: 12 Feb 2015 21:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	48.7	0.0	0.0#





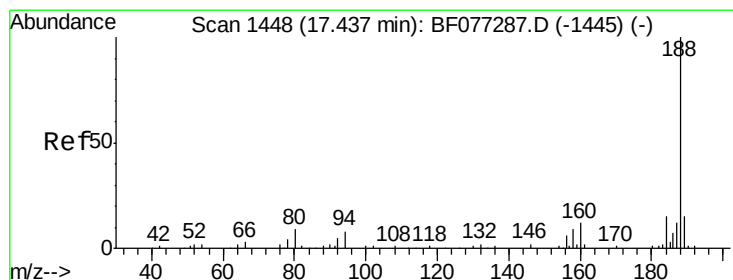
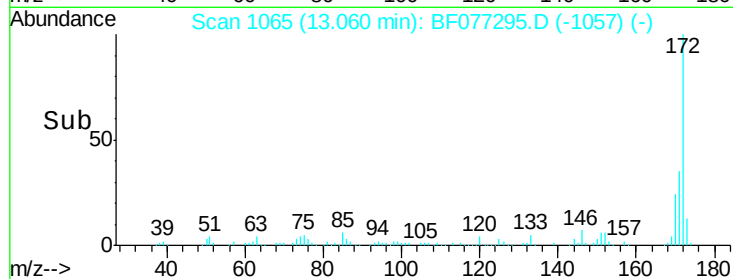
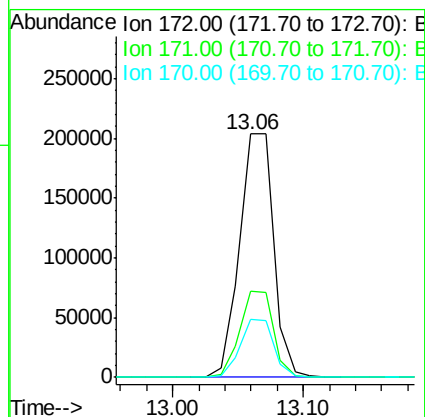
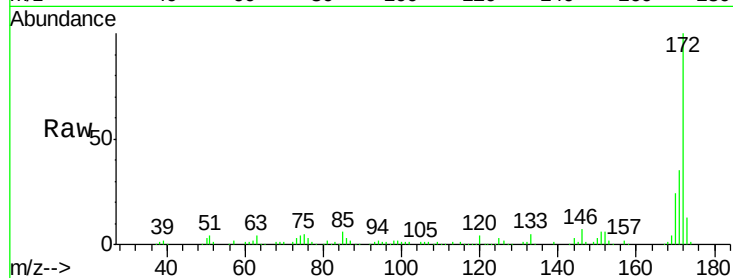
#44
2-Fluorobiphenyl
Concen: 115.93 ng
RT: 13.06 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF077295.D
Acq: 12 Feb 2015 21:43

Instrument :
BNA_F
ClientSampleID :
WC-1

Tot Ion:	172	Resp:	372068
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.8	41.8
170	23.6	18.3	27.5

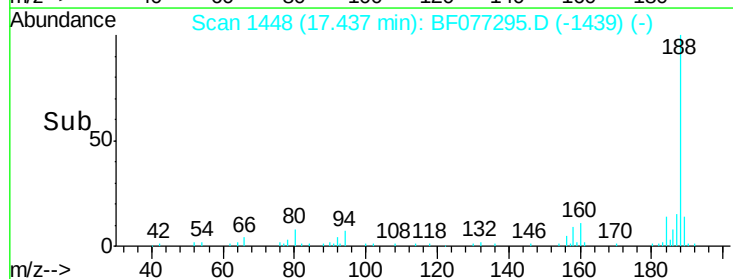
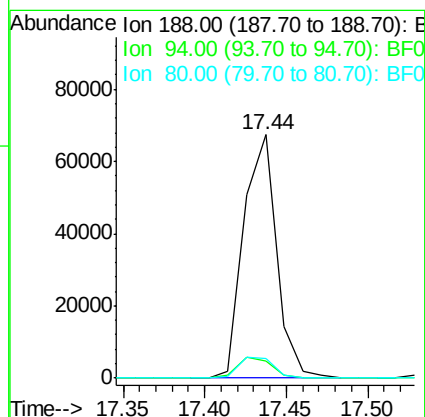
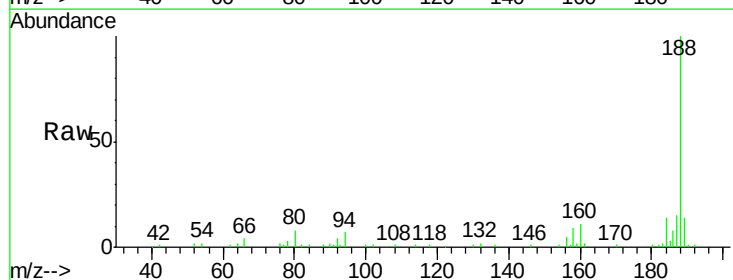
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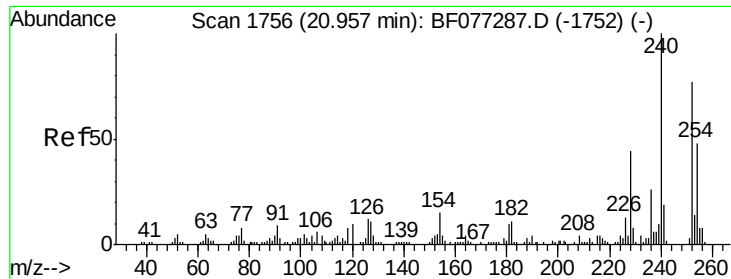
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077295.D
Acq: 12 Feb 2015 21:43

Tgt Ion:	188	Resp:	94072
Ion Ratio	Lower	Upper	
188	100		
94	7.1	6.5	9.7
80	7.8	7.1	10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.95 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF077295.D

Acq: 12 Feb 2015 21:43

Instrument :

BNA_F

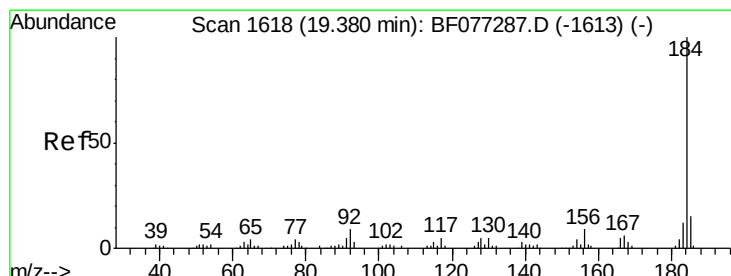
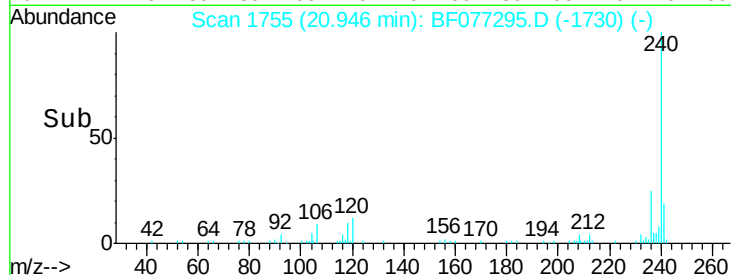
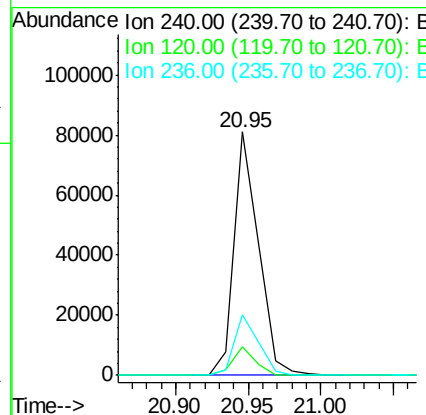
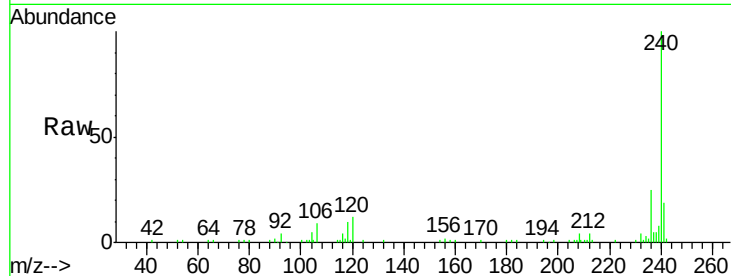
ClientSampleId :

WC-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	7.8	11.8
236	25.0	20.4	30.6

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#76

Benzidine

Concen: 2.55 ng m

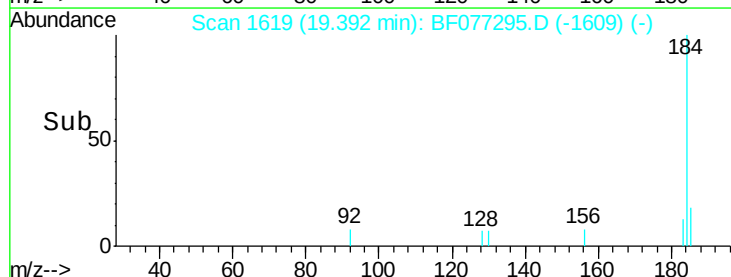
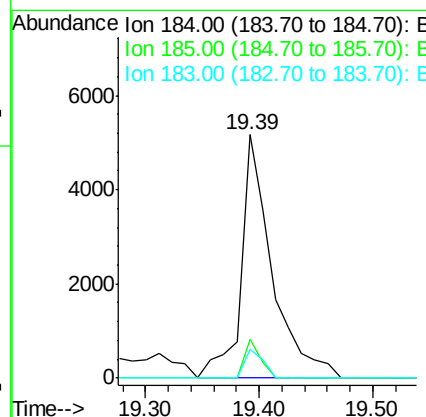
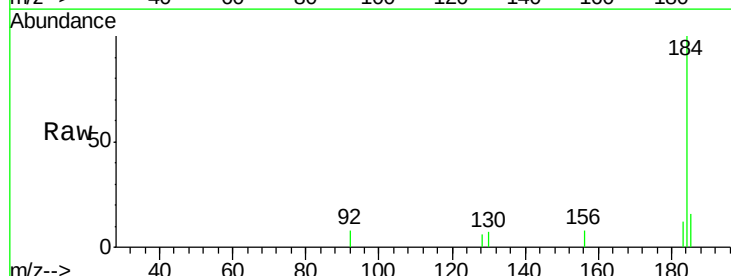
RT: 19.39 min Scan# 1619

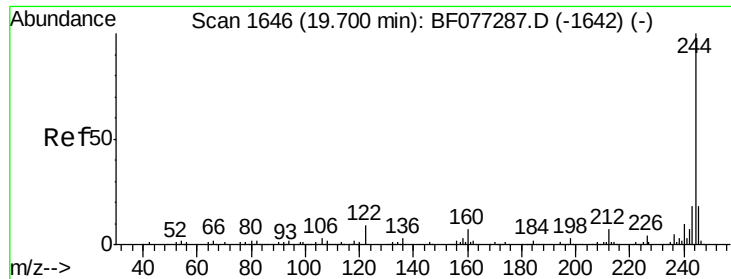
Delta R.T. 0.01 min

Lab File: BF077295.D

Acq: 12 Feb 2015 21:43

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.8	17.6
183	11.5	9.3	13.9





#78

Terphenyl-d14

Concen: 100.21 ng

RT: 19.70 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF077295.D

Acq: 12 Feb 2015 21:43

Instrument :

BNA_F

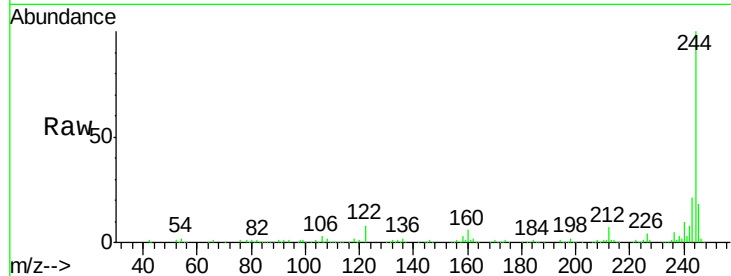
ClientSampleId :

WC-1

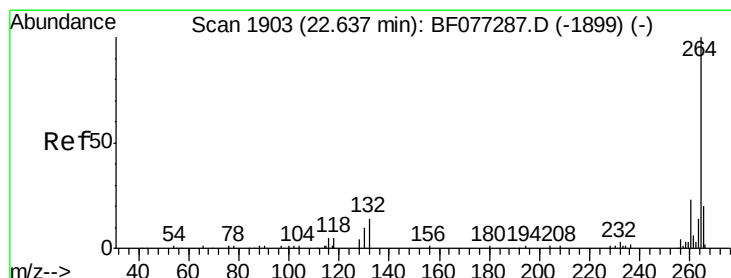
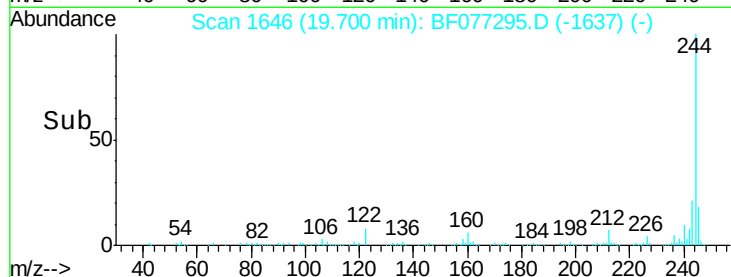
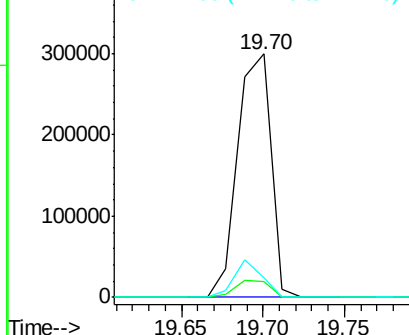
Tot Ion:	244	Resp:	424610
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.6	8.4
122	7.9	7.0	10.4

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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

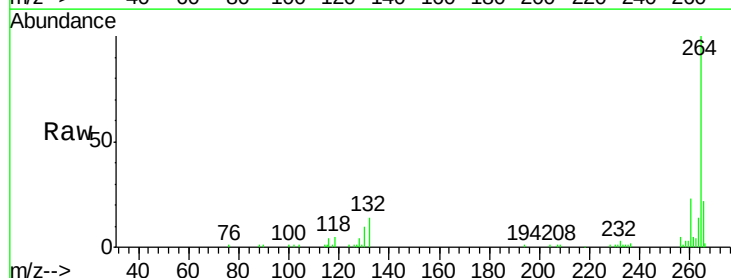
RT: 22.58 min Scan# 1898

Delta R.T. -0.06 min

Lab File: BF077295.D

Acq: 12 Feb 2015 21:43

Tgt Ion:	264	Resp:	85012
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.6	27.8
265	22.0	16.2	24.2



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

