

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091905.D
 Acq On : 23 Dec 2016 5:06
 Operator : UM/SJ
 Sample : H6182-07RE
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-52(6-8)-121916RE

Manual Integrations
 APPROVED

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 12/23/2016 5:53:26 PM

Quant Time: Dec 23 07:04:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	123197	20.00	ng	0.01
21) Naphthalene-d8	8.06	136	555724	20.00	ng	0.02
38) Acenaphthene-d10	9.77	164	39499	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	112067m	20.00	ng	0.15
75) Chrysene-d12	13.96	240	221847m	20.00	ng	0.06
86) Perylene-d12	15.35	264	230134	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1169231	158.47	ng	0.05
7) Phenol-d6	6.44	99	1119708	124.30	ng	0.03
23) Nitrobenzene-d5	7.32	82	340596	34.08	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	82851	253.46	ng	0.16
44) 2-Fluorobiphenyl	9.22	172	367295m	209.41	ng	0.10
78) Terphenyl-d14	12.92	244	419984	45.91	ng	0.07
Target Compounds						
37) 2-Methylnaphthalene	8.96	142	1081406m	Below Cal		Qvalue
77) Pyrene	12.80	202	370267m	22.75	ng	

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

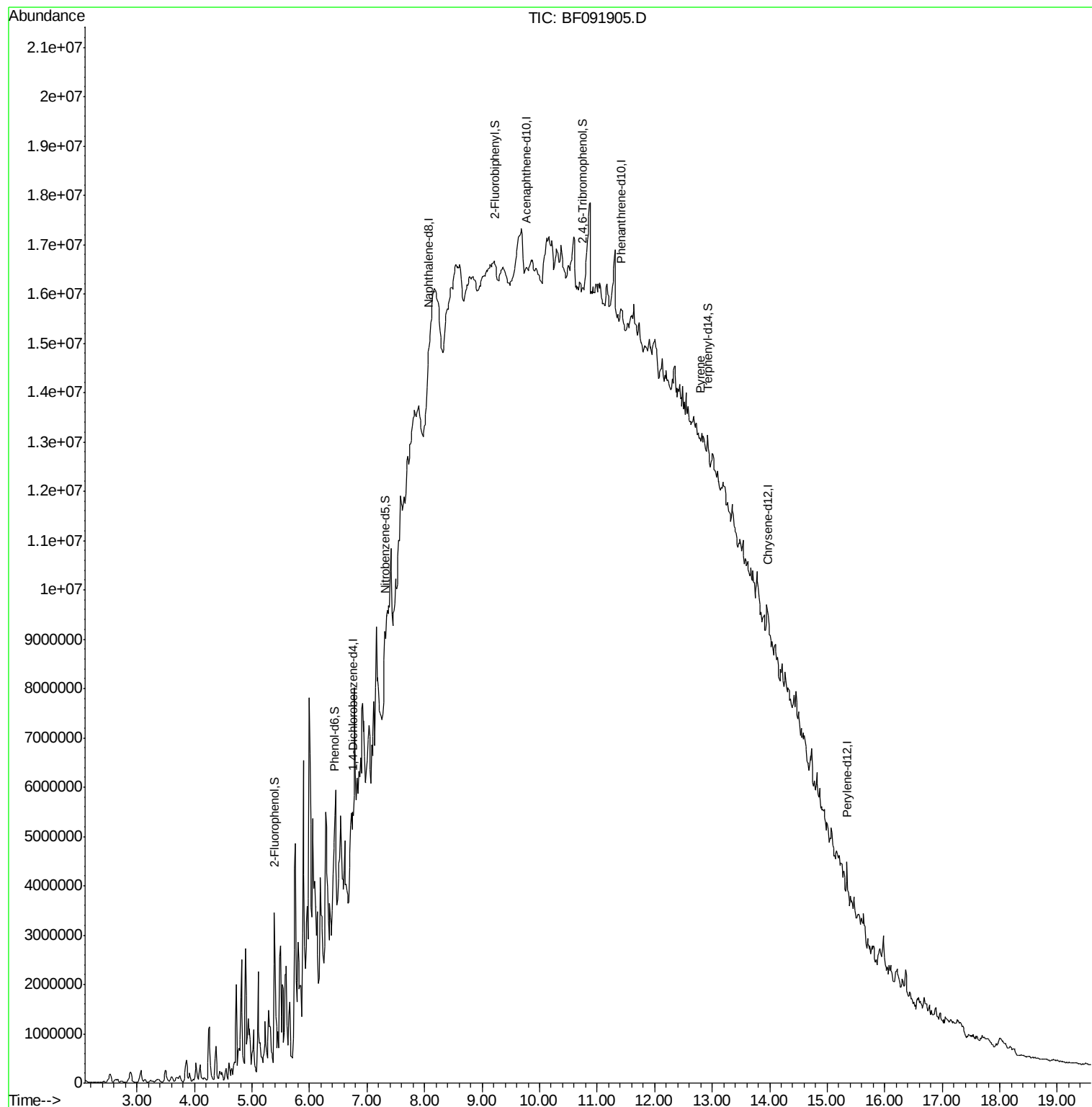
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091905.D
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ALS Vial : 56 Sample Multiplier: 1

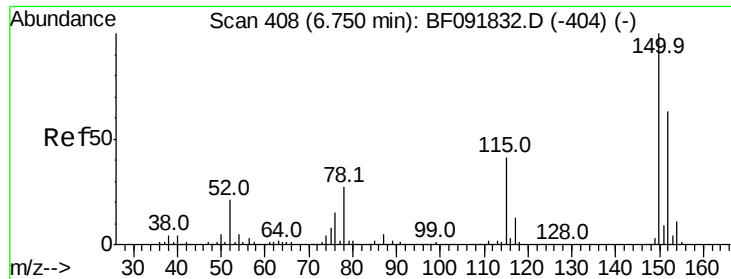
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091905.D

Acq: 23 Dec 2016 5:06

Instrument :

BNA_F

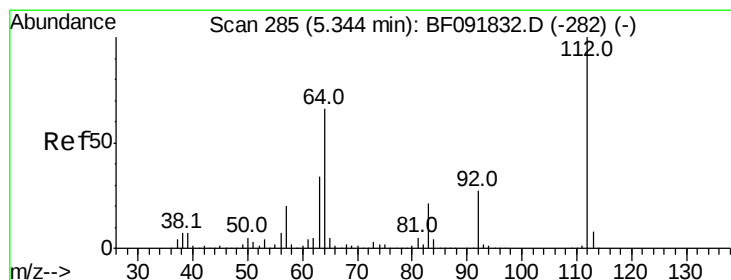
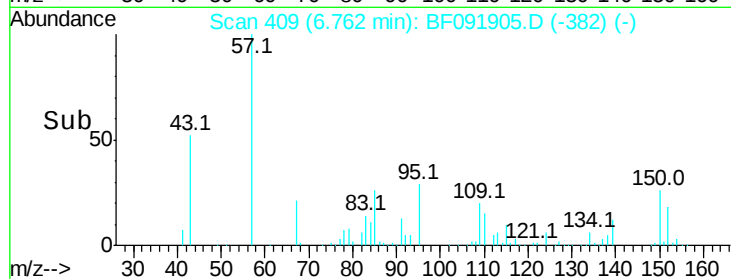
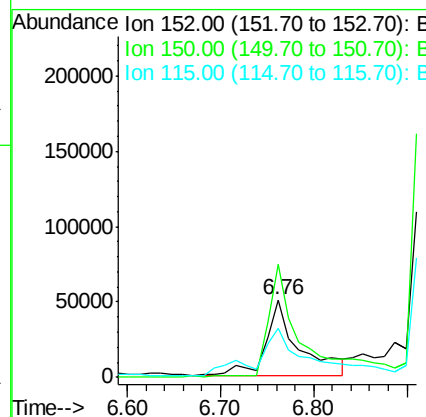
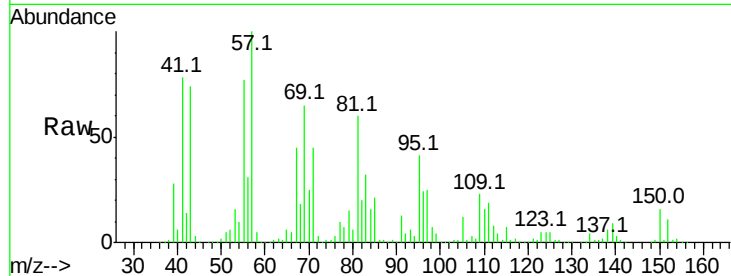
ClientSampleId :

SB-52(6-8)-121916RE

Tot Ion:	152	Resp:	123197
Ion Ratio	Lower	Upper	
152	100		
150	145.4	124.9	187.3
115	62.5	46.0	69.0

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#5

2-Fluorophenol

Concen: 158.47 ng

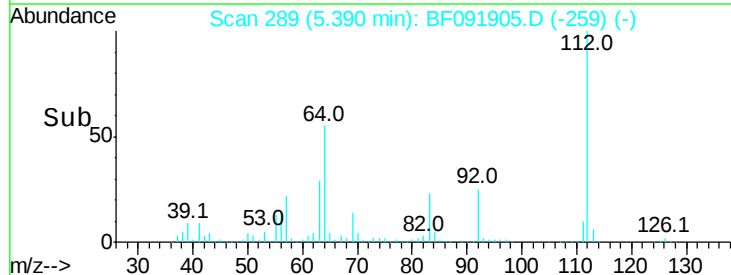
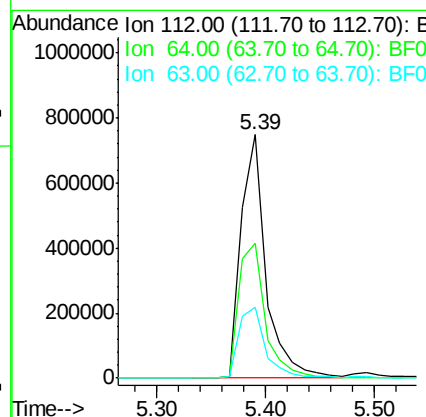
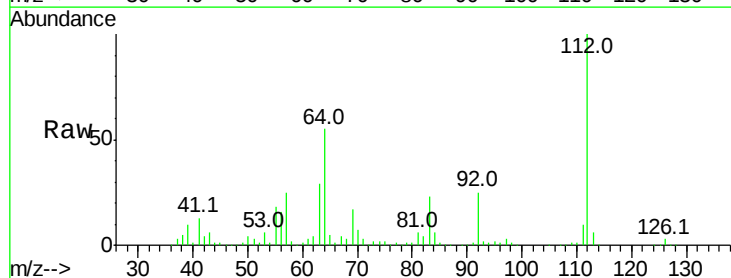
RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091905.D

Acq: 23 Dec 2016 5:06

Tgt Ion:	112	Resp:	1169231
Ion Ratio	Lower	Upper	
112	100		
64	55.4	46.1	69.1
63	29.2	23.8	35.6





#7

Phenol-d6

Concen: 124.30 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091905.D

Acq: 23 Dec 2016 5:06

Instrument :

BNA_F

ClientSampleId :

SB-52(6-8)-121916RE

Tot Ion: 99 Resp: 1119708

Ion Ratio Lower Upper

99 100

42 26.8 15.6 23.4#

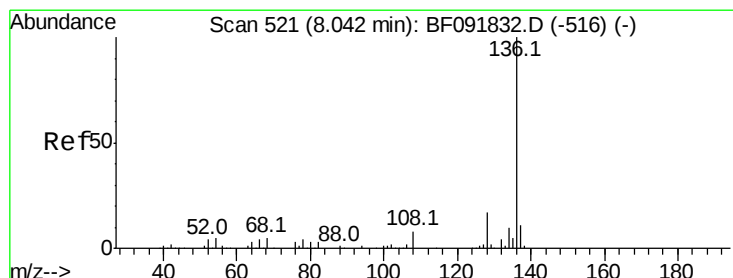
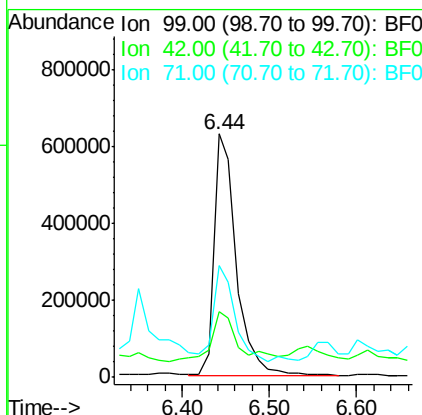
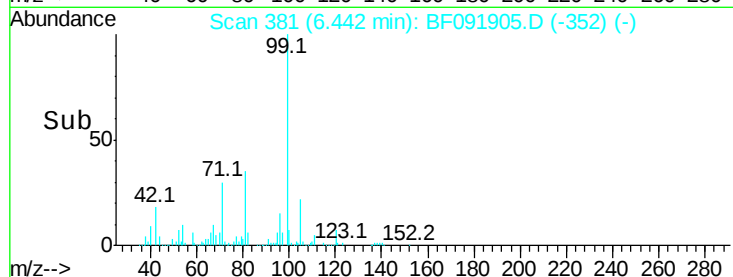
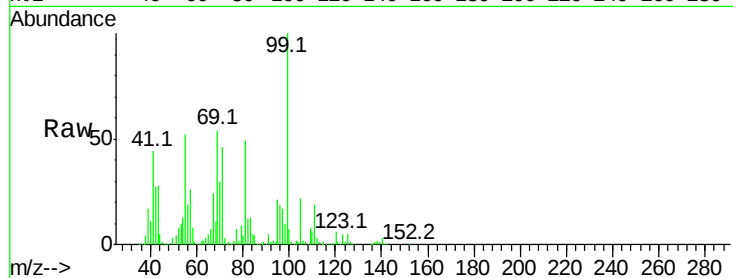
71 45.7 27.5 41.3#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.02 min

Lab File: BF091905.D

Acq: 23 Dec 2016 5:06

Tgt Ion: 136 Resp: 555724

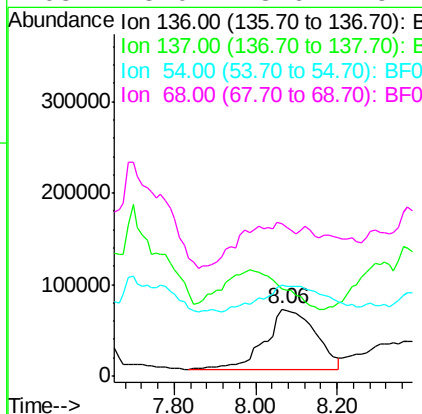
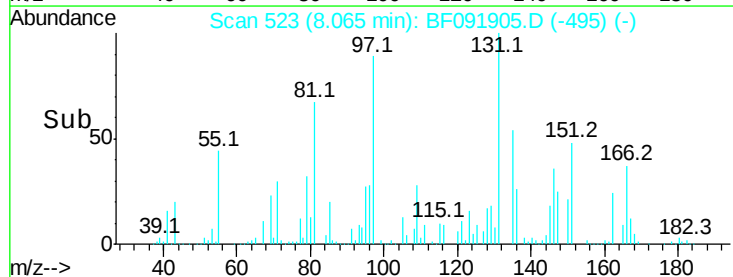
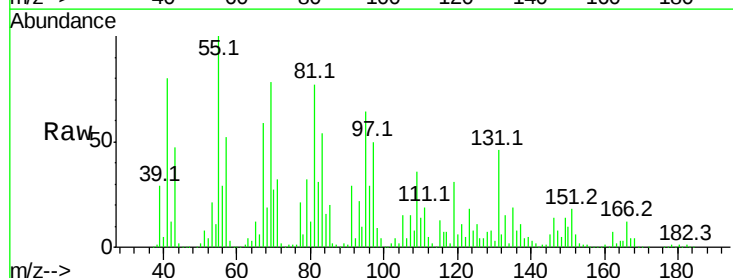
Ion Ratio Lower Upper

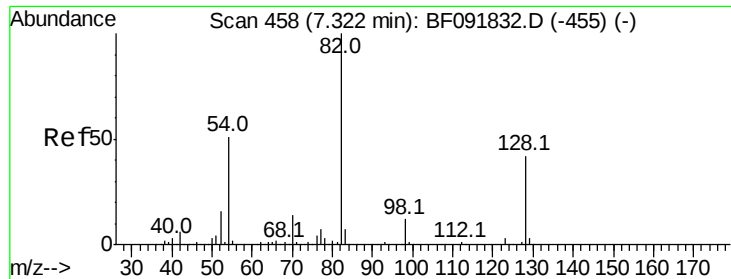
136 100

137 130.6 8.4 12.6#

54 136.1 4.5 6.7#

68 228.0 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 34.08 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF091905.D

Acq: 23 Dec 2016 5:06

Instrument :

BNA_F

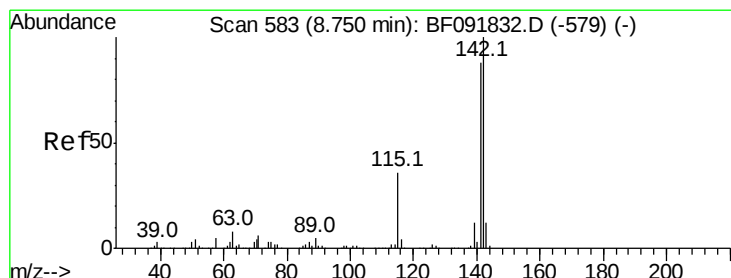
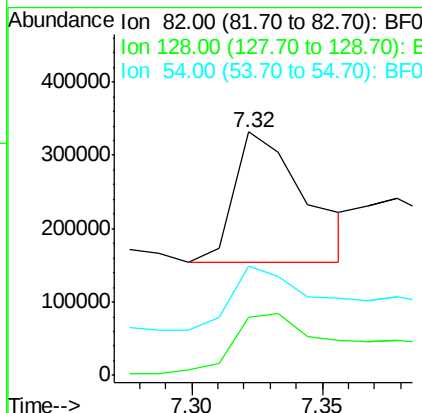
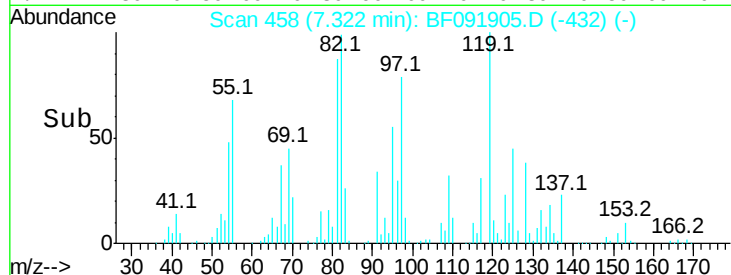
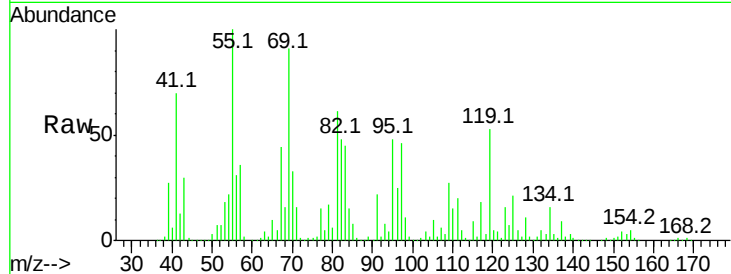
ClientSampleId :

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Tot Ion:	82	Resp:	340596
Ion Ratio	Lower	Upper	
82	100		
128	23.6	34.6	52.0#
54	45.1	39.5	59.3

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#37

2-Methylnaphthalene

Concen: Below Cal m

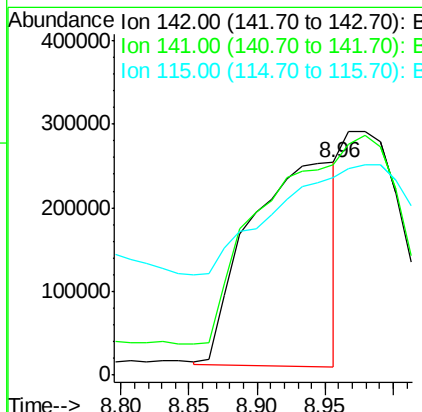
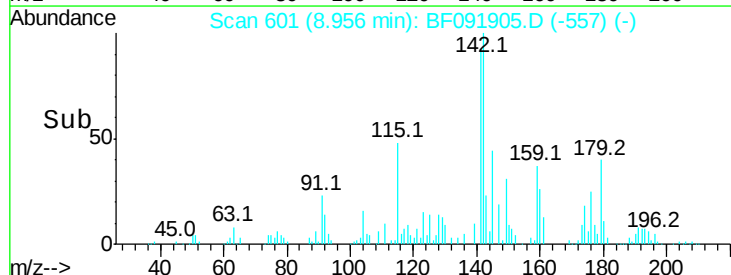
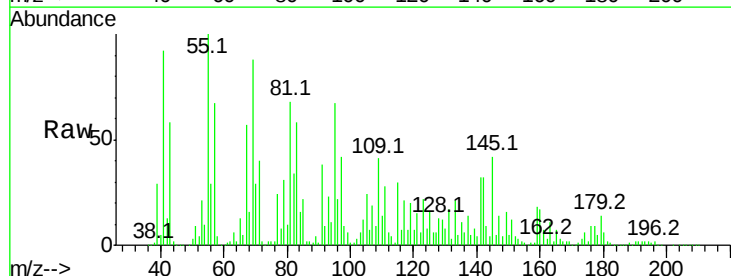
RT: 8.96 min Scan# 601

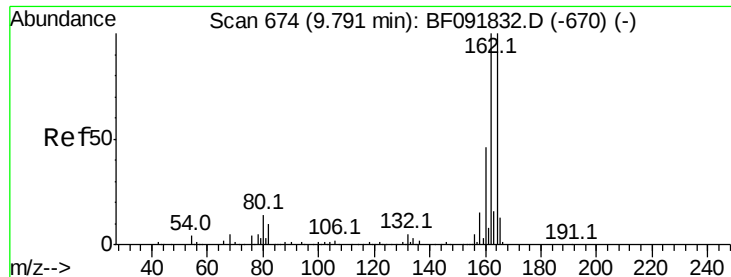
Delta R.T. 0.21 min

Lab File: BF091905.D

Acq: 23 Dec 2016 5:06

Tgt Ion:	142	Resp:	1081406
Ion Ratio	Lower	Upper	
142	100		
141	99.2	71.0	106.6
115	92.8	28.3	42.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF091905.D

Acq: 23 Dec 2016 5:06

Instrument :

BNA_F

ClientSampleId :

SB-52(6-8)-121916RE

Tot Ion:164 Resp: 39499

Ion Ratio Lower Upper

164 100

162 66.5 80.2 120.2#

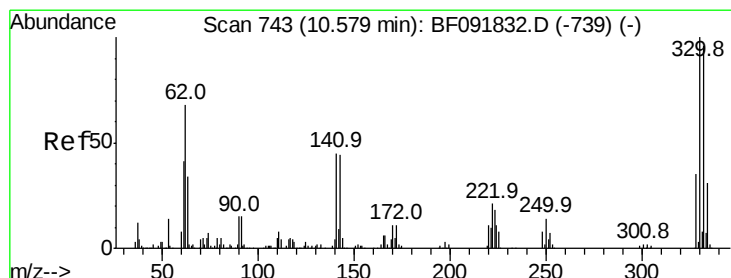
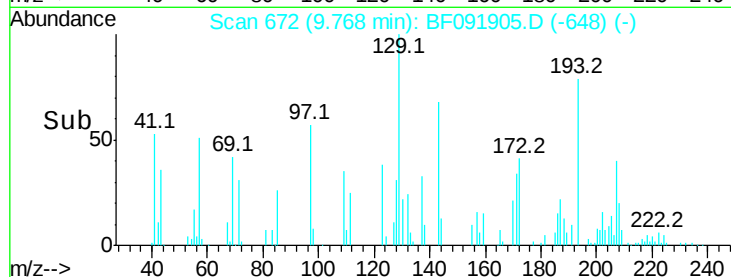
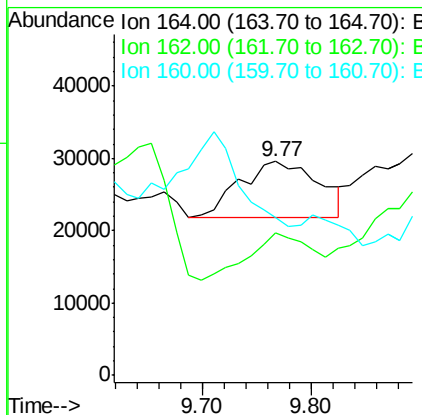
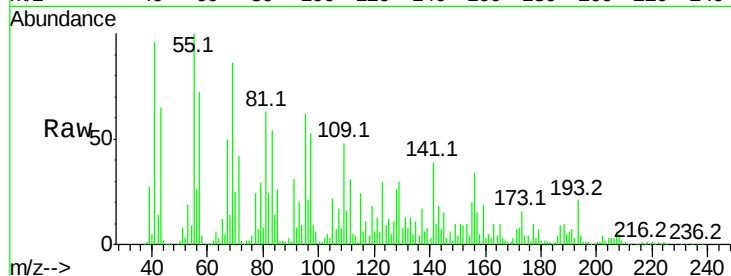
160 73.6 36.9 55.3#

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#41

2,4,6-Tribromophenol

Concen: 253.46 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.16 min

Lab File: BF091905.D

Acq: 23 Dec 2016 5:06

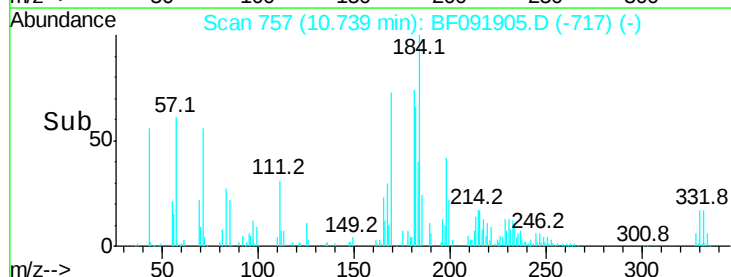
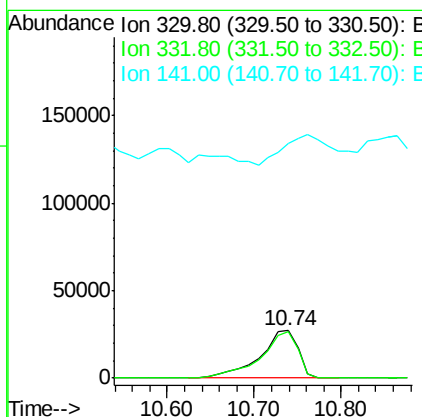
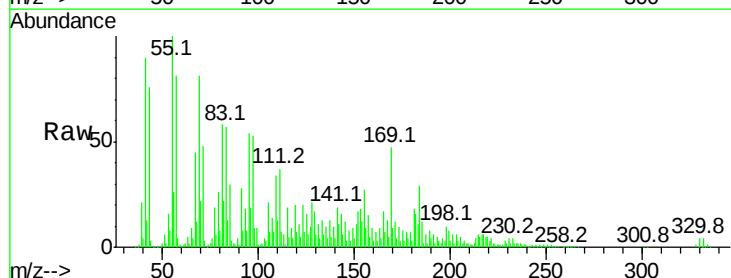
Tgt Ion:330 Resp: 82851

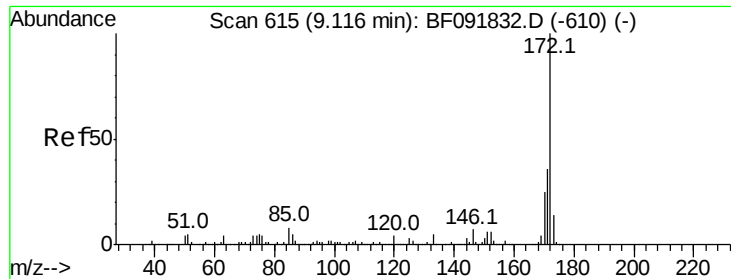
Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.2

141 0.0 34.1 51.1#





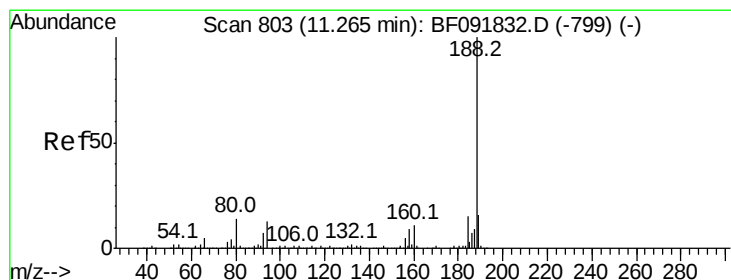
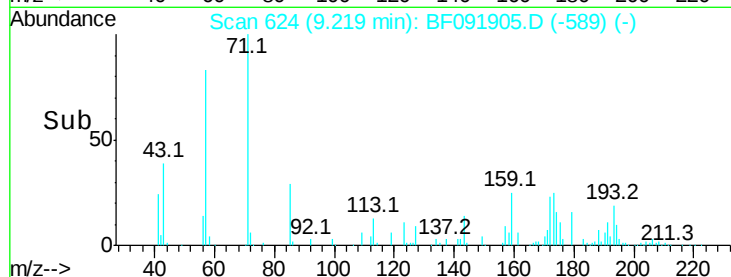
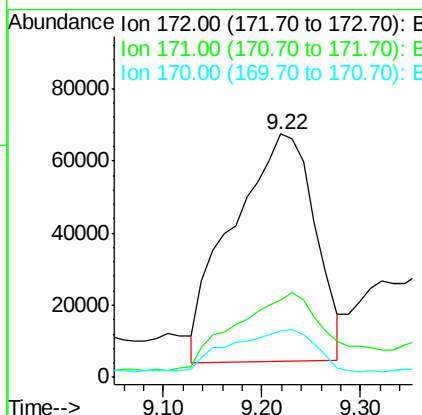
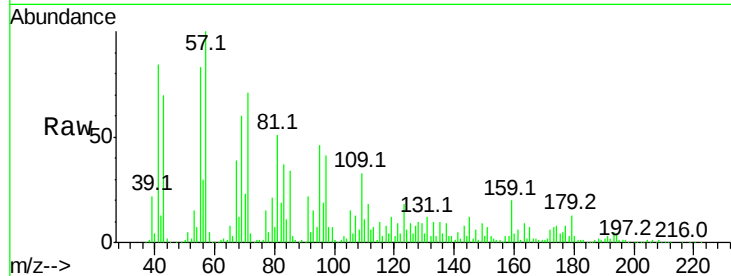
#44
2-Fluorobiphenyl
Concen: 209.41 ng/ml
RT: 9.22 min Scan# 624
Delta R.T. 0.10 min
Lab File: BF091905.D
Acq: 23 Dec 2016 5:06

Instrument :
BNA_F
ClientSampleId :
SB-52(6-8)-121916RE

Tot Ion	Ratio	Lower	Upper
172	100		
171	31.8	29.4	44.0
170	18.9	20.2	30.4

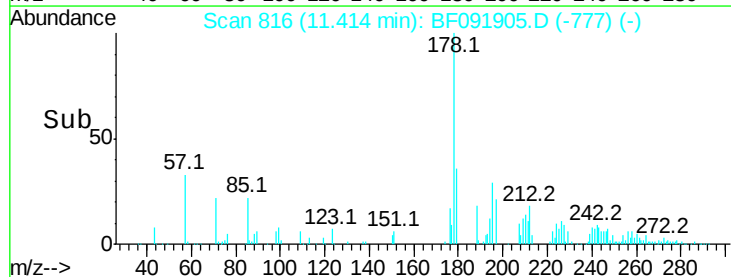
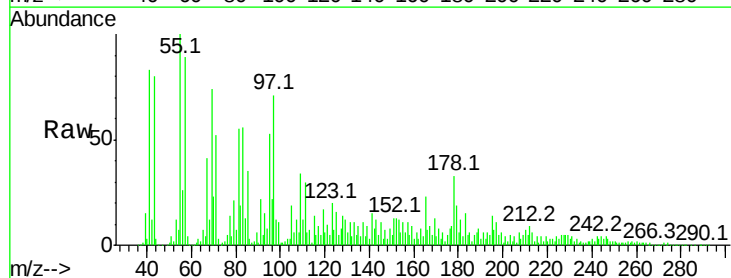
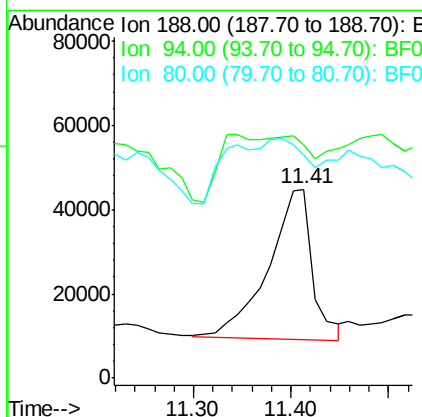
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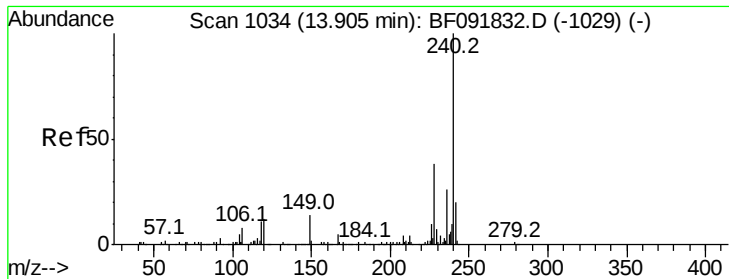
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#63
Phenanthrene-d10
Concen: 20.00 ng/ml
RT: 11.41 min Scan# 816
Delta R.T. 0.15 min
Lab File: BF091905.D
Acq: 23 Dec 2016 5:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	123.3	10.0	15.0
80	118.2	11.2	16.8





#75

Chrysene-d12

Concen: 20.00 ng m

RT: 13.96 min Scan# 1039

Delta R.T. 0.06 min

Lab File: BF091905.D

Acq: 23 Dec 2016 5:06

Instrument :

BNA_F

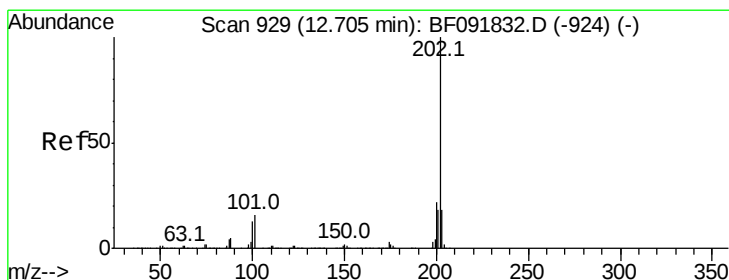
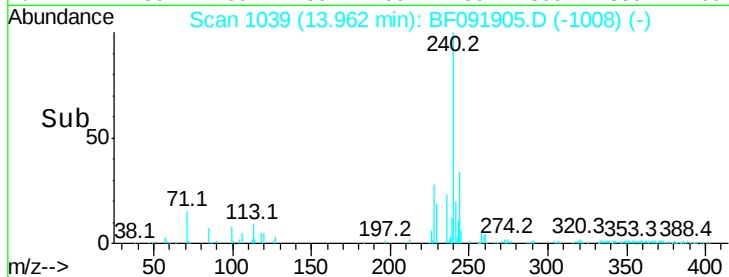
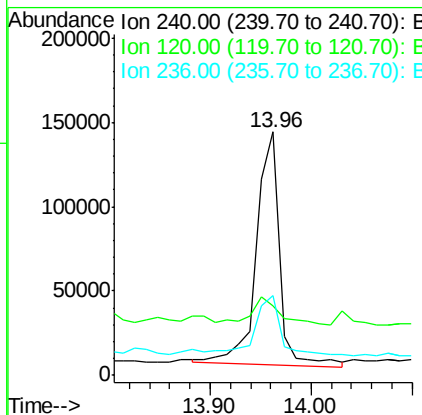
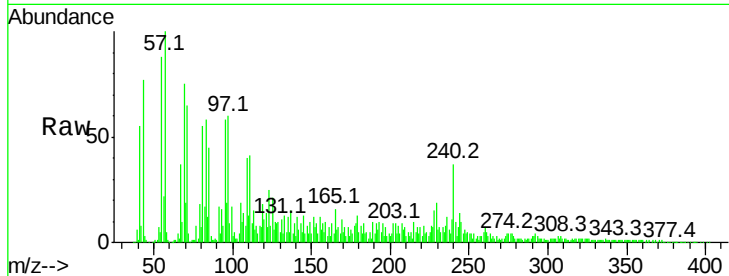
ClientSampleId :

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Tot Ion:	240	Resp:	221847
Ion Ratio	Lower	Upper	
240	100		
120	28.6	12.9	19.3#
236	32.8	20.9	31.3#

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#77

Pyrene

Concen: 22.75 ng m

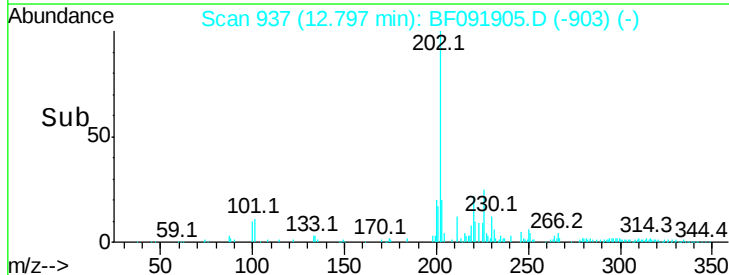
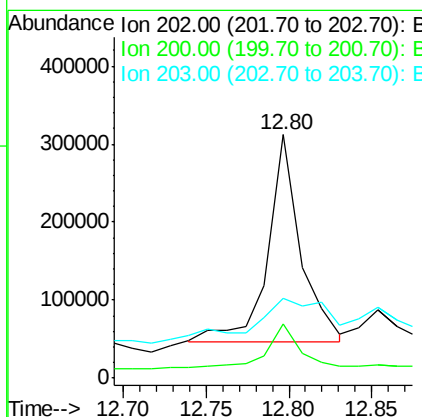
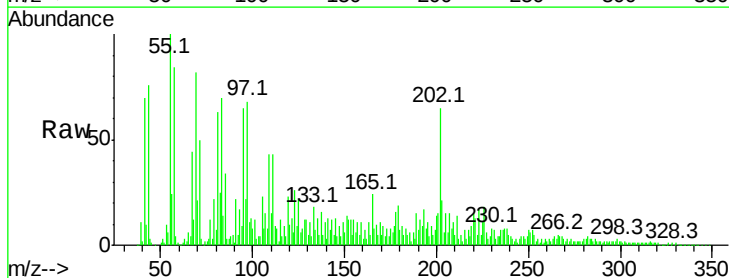
RT: 12.80 min Scan# 937

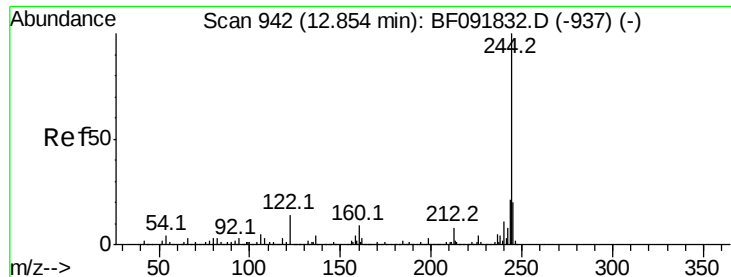
Delta R.T. 0.09 min

Lab File: BF091905.D

Acq: 23 Dec 2016 5:06

Tgt Ion:	202	Resp:	370267
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.7	26.5
203	32.9	14.7	22.1#





#78

Terphenyl-d14

Concen: 45.91 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.07 min

Lab File: BF091905.D

Acq: 23 Dec 2016 5:06

Instrument :

BNA_F

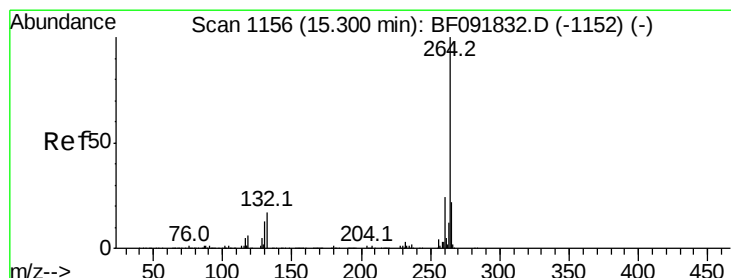
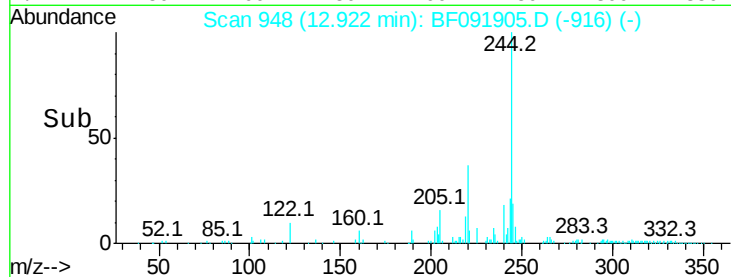
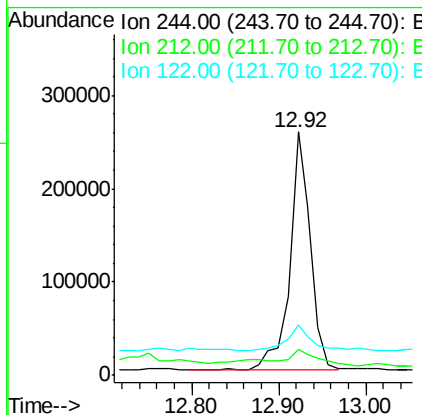
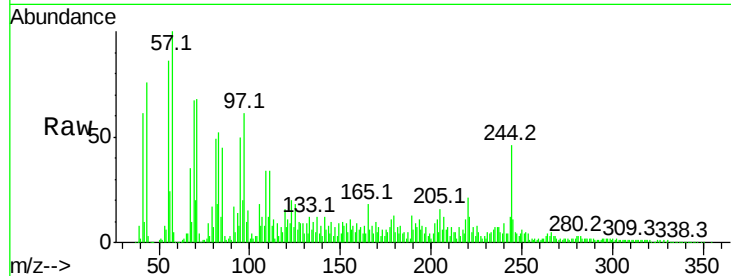
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
244	100		
212	10.5	6.2	9.2#
122	20.5	11.4	17.2#

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1160

Delta R.T. 0.05 min

Lab File: BF091905.D

Acq: 23 Dec 2016 5:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	24.6	17.4	26.0

