

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100296.D
 Acq On : 8 Nov 2017 17:22
 Operator : SJ/JU
 Sample : I6305-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-110317

Manual Integrations
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Sohil
 11/9/2017 3:41:36 PM

Quant Time: Nov 08 17:51:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	159283	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	653676	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	299225	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	534181	20.00	ng	0.00
75) Chrysene-d12	14.06	240	347325	20.00	ng	-0.01
86) Perylene-d12	15.54	264	344208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	118297	11.91	ng	-0.01
7) Phenol-d6	6.50	99	148091	12.09	ng	-0.02
23) Nitrobenzene-d5	7.45	82	76995	7.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	33493	10.98	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	157091	7.99	ng	-0.01
78) Terphenyl-d14	13.00	244	112129	7.42	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.65	163	49996	2.188	ng	99
70) Phenanthrene	11.44	178	202982	7.217	ng	97
71) Anthracene	11.49	178	60058	2.105	ng	98
74) Fluoranthene	12.63	202	282396	9.474	ng	95
77) Pyrene	12.86	202	317645	12.830	ng	99
80) Benzo(a)anthracene	14.04	228	123637	5.911	ng	95
82) Chrysene	14.08	228	107329	5.299	ng	97
85) Indeno(1,2,3-cd)pyrene	17.02	276	58577	3.576	ng	# 93
87) Benzo(b)fluoranthene	15.10	252	140527m	6.891	ng	
89) Benzo(a)pyrene	15.47	252	103744	5.738	ng	100
91) Benzo(g,h,i)perylene	17.47	276	61010	4.215	ng	95

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

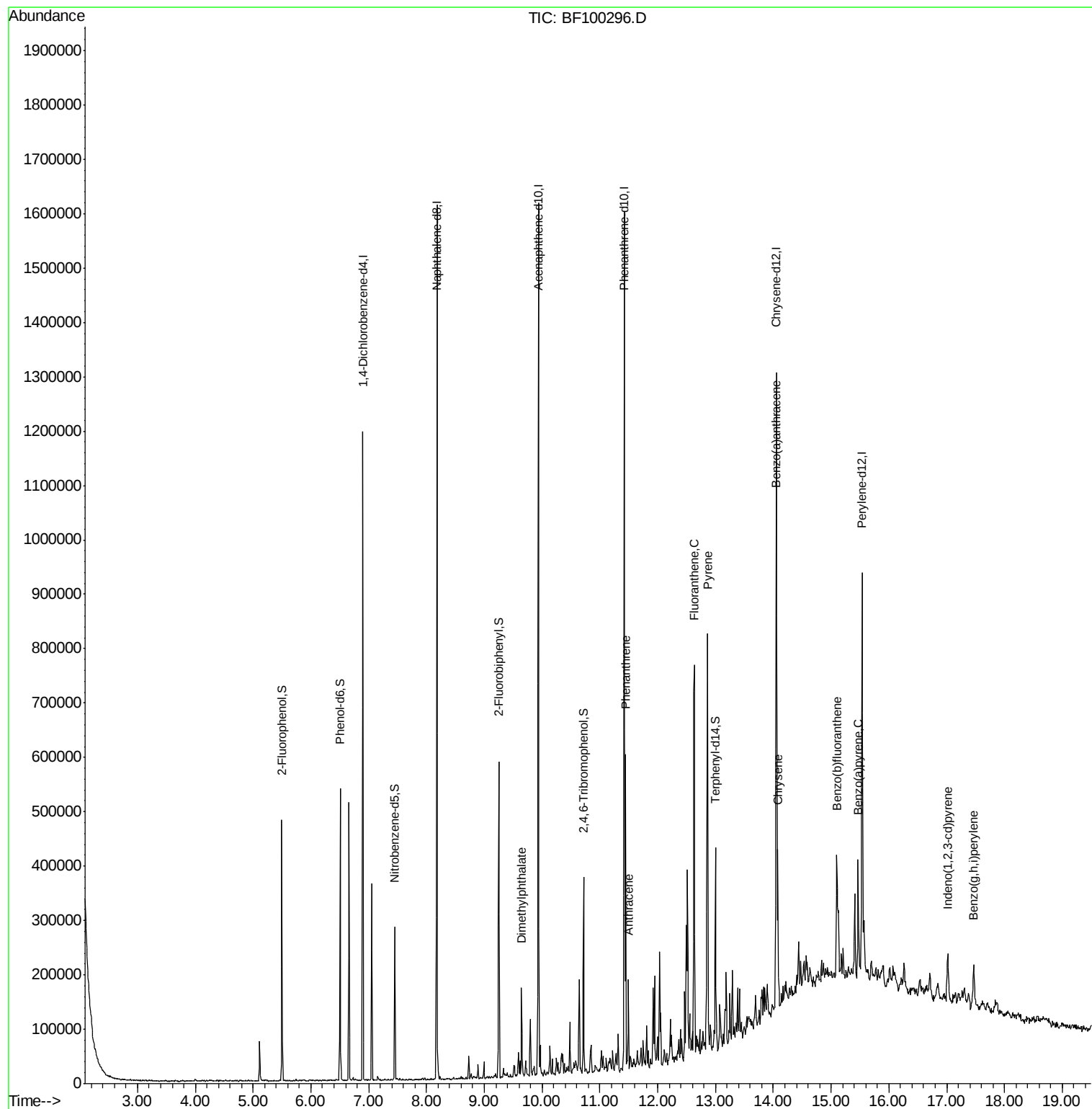
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100296.D
Acq On : 8 Nov 2017 17:22
Operator : SJ/JU
Sample : I6305-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

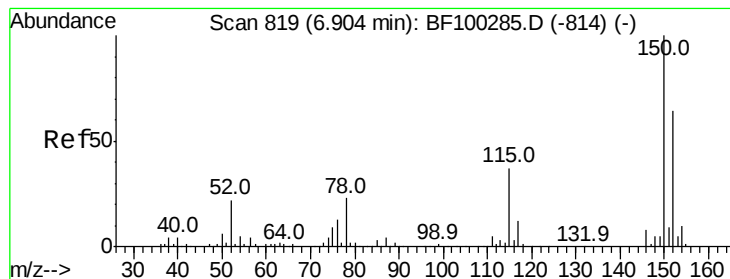
Instrument :
BNA_F
ClientSampleId :
PL-01-110317

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11/9/2017 3:41:36 PM

Quant Time: Nov 08 17:51:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

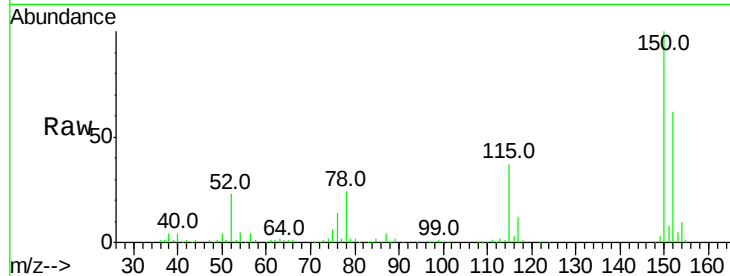
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PL-01-110317

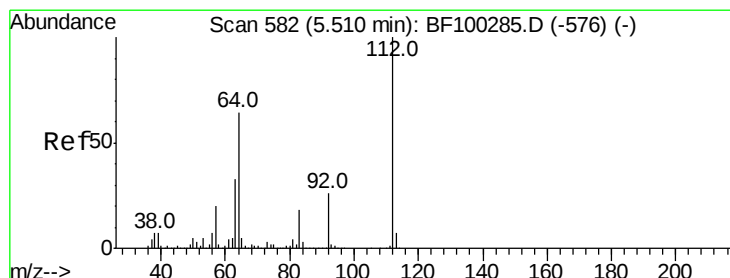
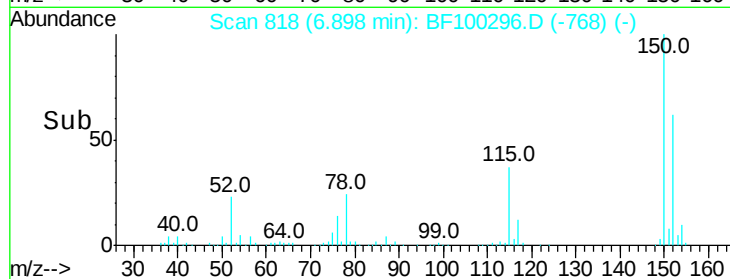
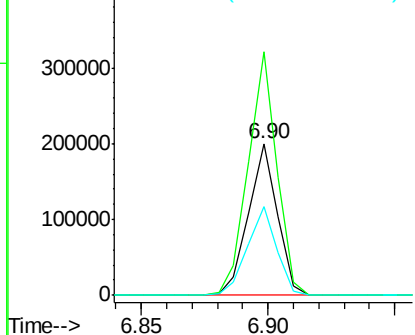
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	58.9	50.1	75.1

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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

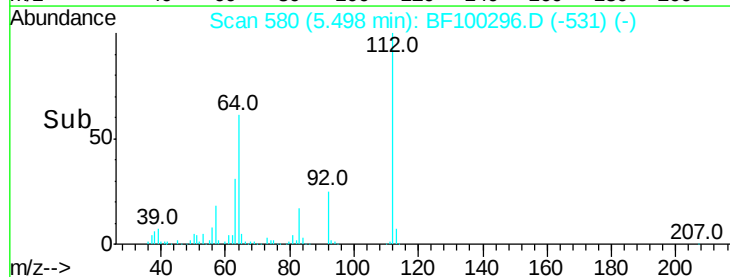
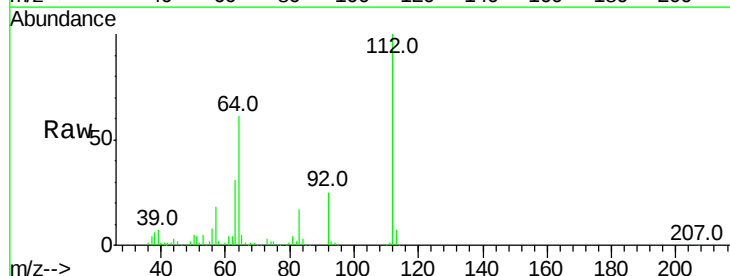
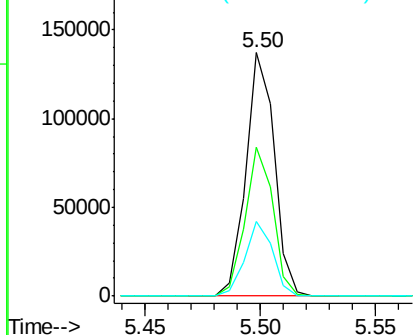


#5

2-Fluorophenol
Concen: 11.905 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	30.6	23.7	35.5

Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 12.086 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100296.D

Acq: 8 Nov 2017 17:22

Instrument :

BNA_F

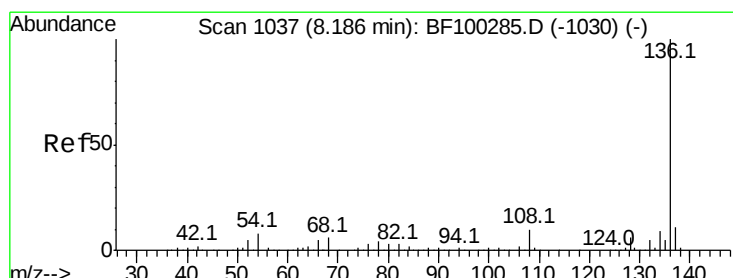
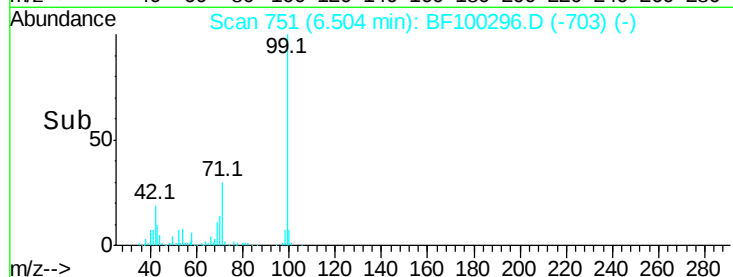
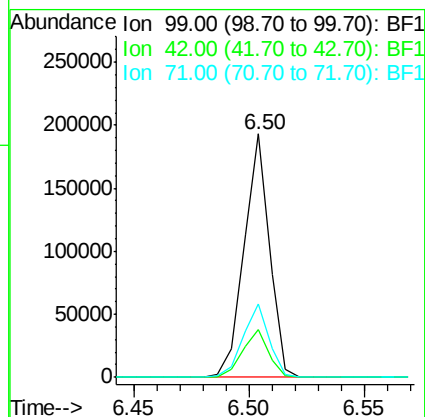
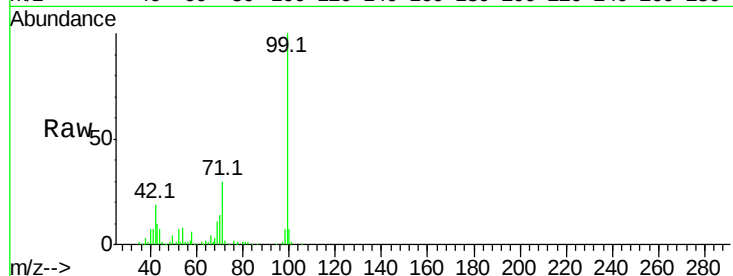
ClientSampleId :

PL-01-110317

Tot Ion:	99	Resp:	148091
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	30.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

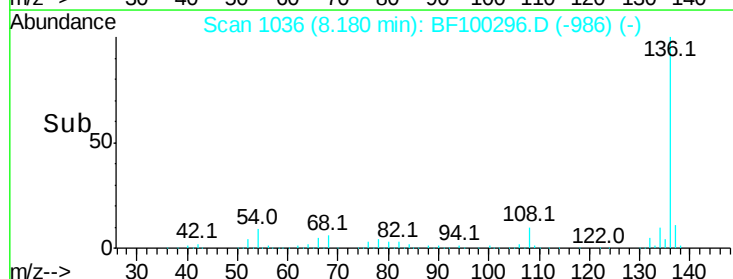
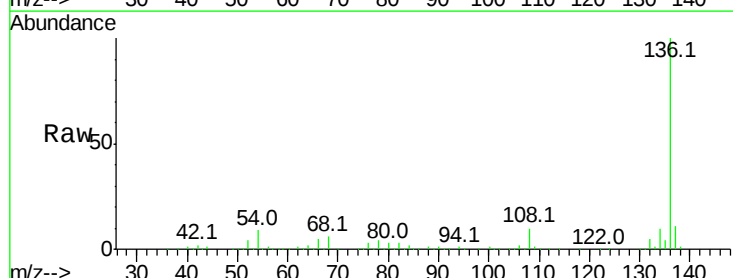
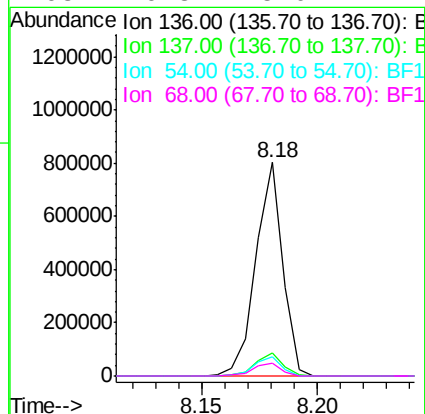
RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100296.D

Acq: 8 Nov 2017 17:22

Tgt Ion:	136	Resp:	653676
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	9.0	6.6	9.8
68	6.3	5.0	7.4





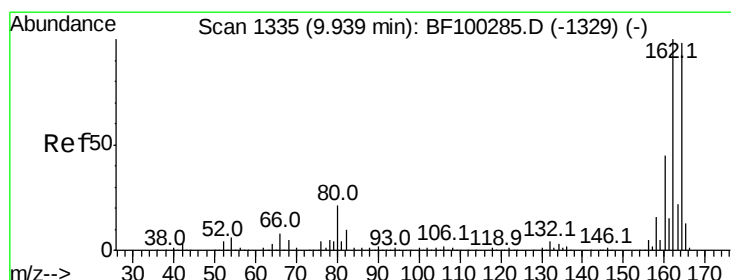
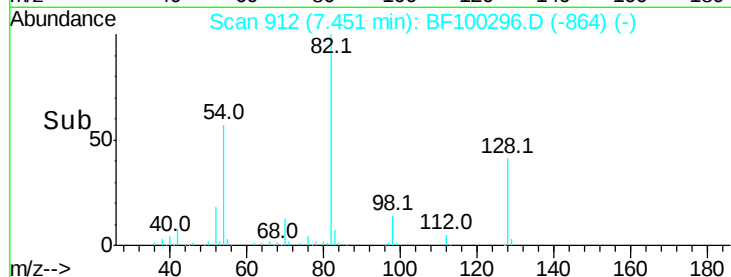
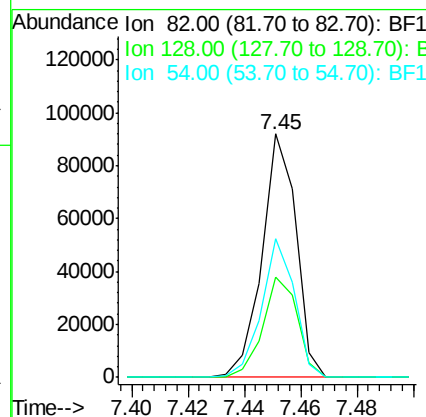
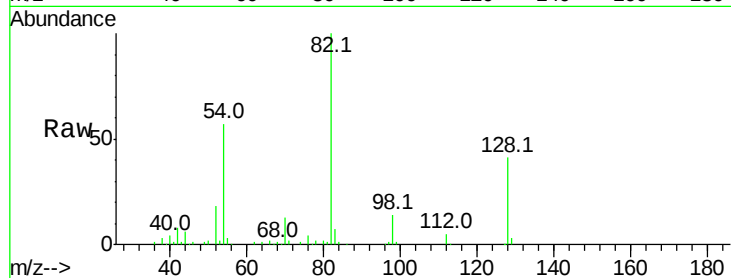
#23
Nitrobenzene-d5
Concen: 7.787 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PL-01-110317

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	56.8	41.4	62.2

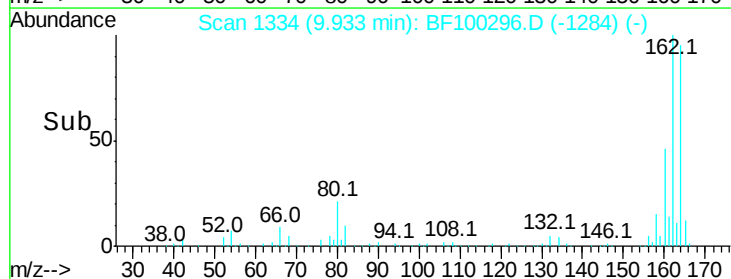
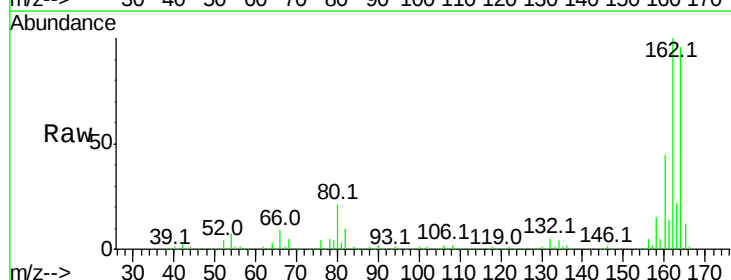
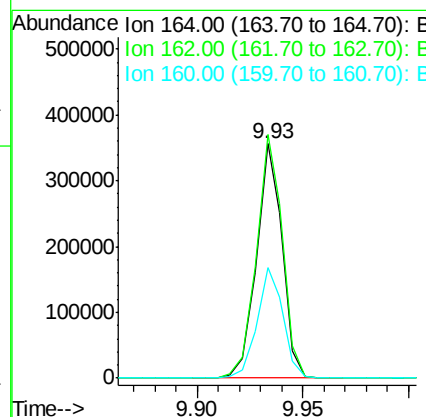
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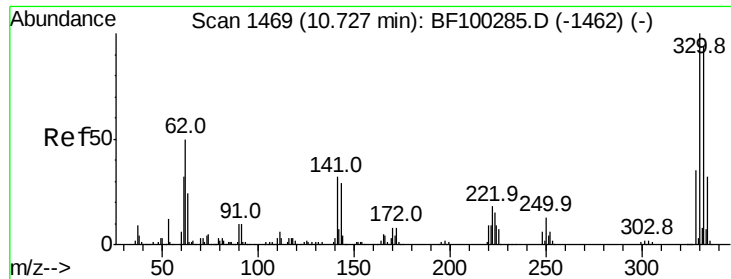
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.2	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 10.985 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF100296.D

Acq: 8 Nov 2017 17:22

Instrument :

BNA_F

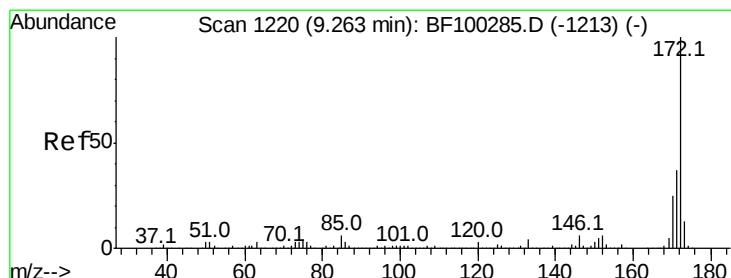
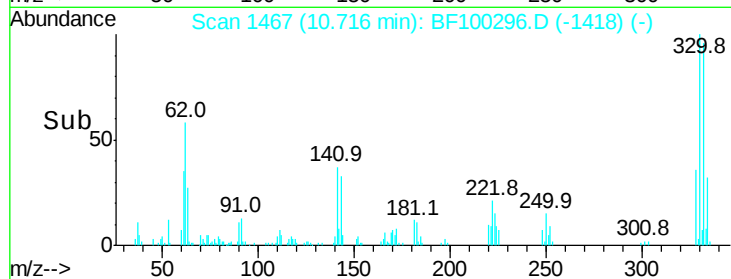
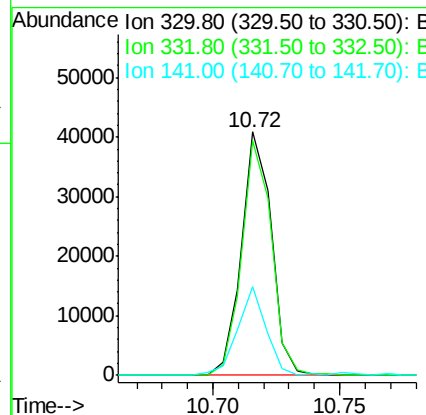
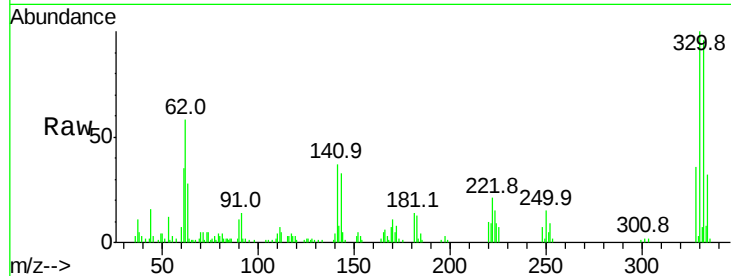
ClientSampled :

PL-01-110317

Tot Ion:	330	Resp:	33493
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	34.8	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 7.994 ng

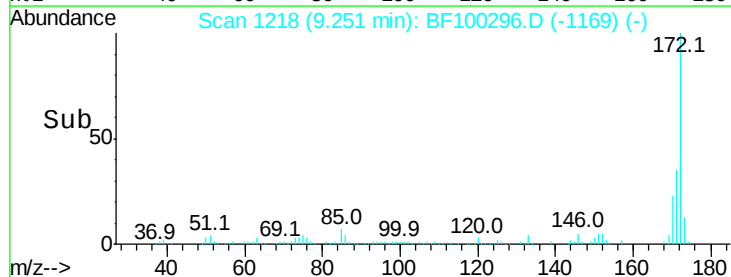
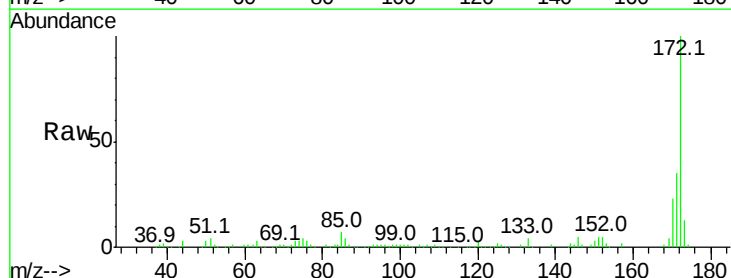
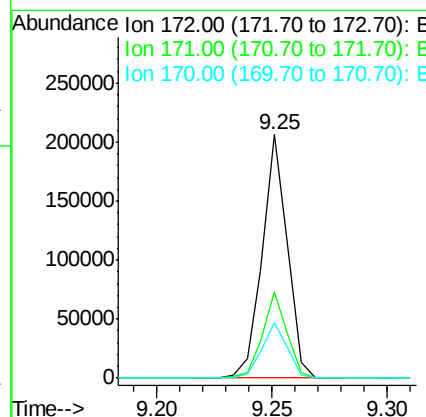
RT: 9.25 min Scan# 1218

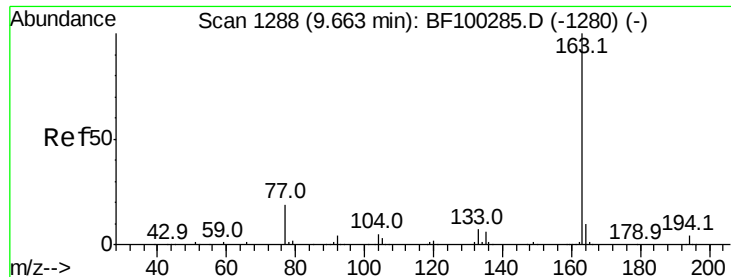
Delta R.T. -0.01 min

Lab File: BF100296.D

Acq: 8 Nov 2017 17:22

Tgt Ion:	172	Resp:	157091
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.7	44.5
170	22.8	19.6	29.4





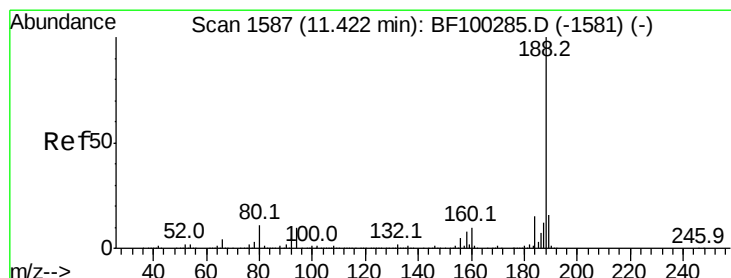
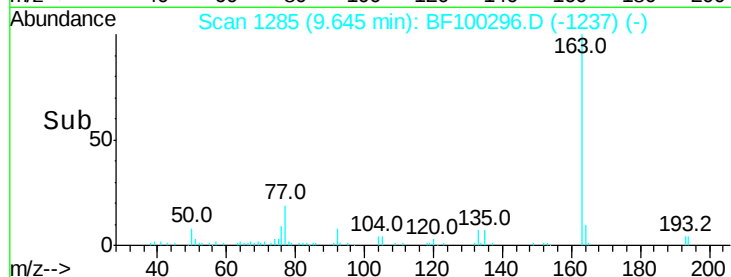
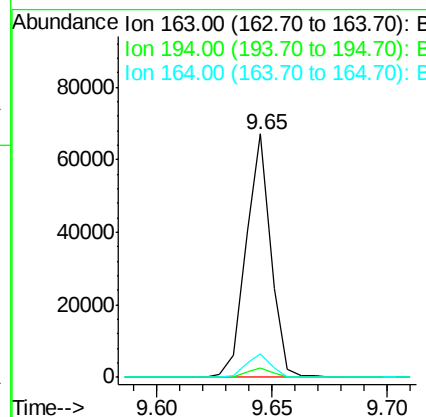
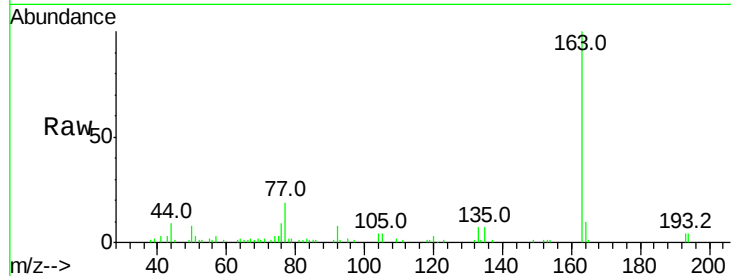
#49
Dimethylphthalate
Concen: 2.188 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PL-01-110317

Tot Ion	Ratio	Resp	Lower	Upper
163	100	49996		
194	3.9		2.7	4.1
164	9.9		8.2	12.2

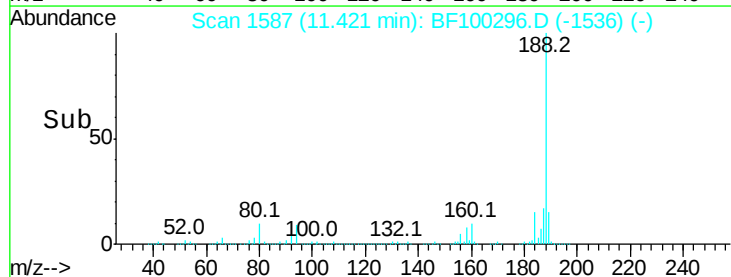
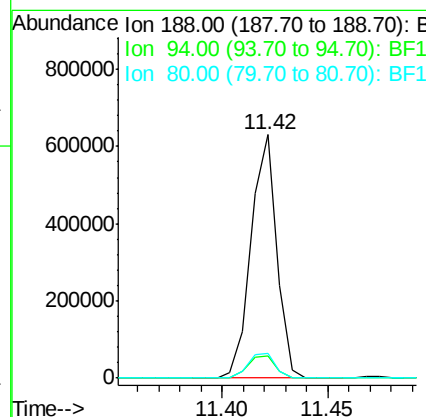
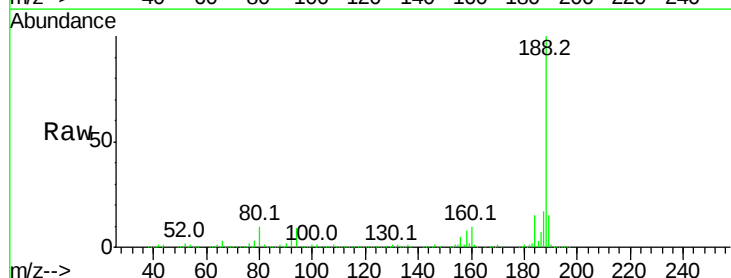
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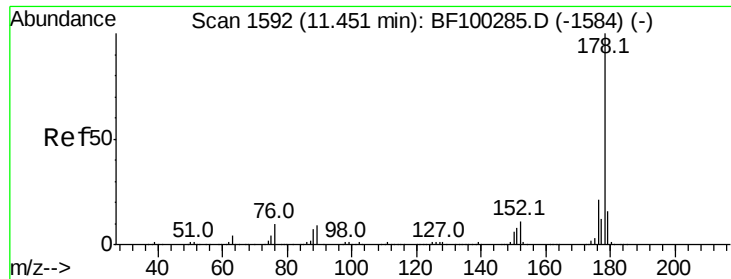
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	534181		
94	9.3		8.5	12.7
80	10.2		9.2	13.8





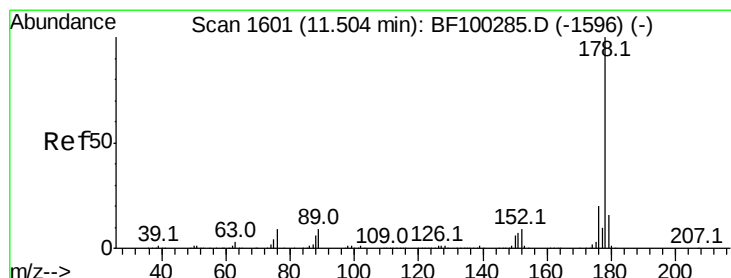
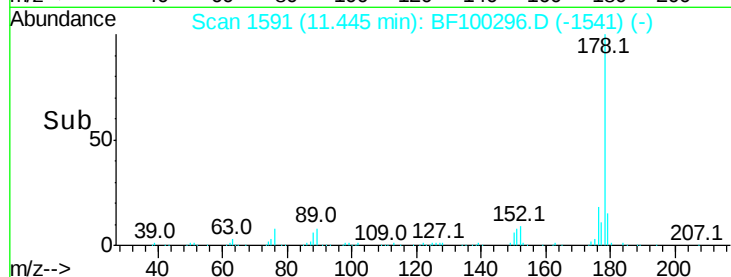
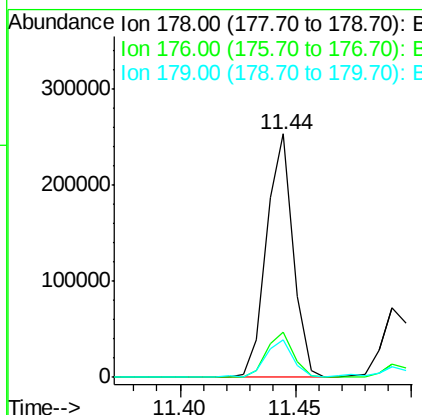
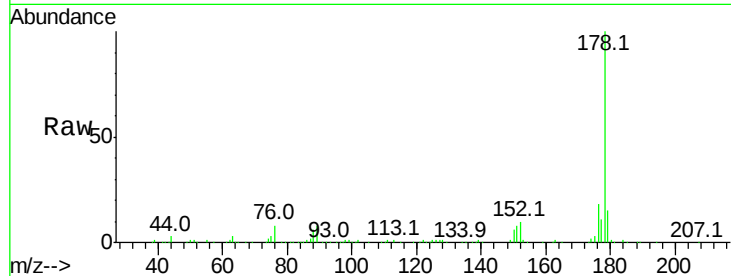
#70
Phenanthrene
Concen: 7.217 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PL-01-110317

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.2	13.0	19.6

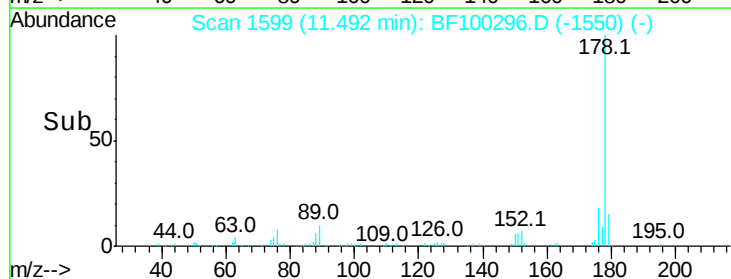
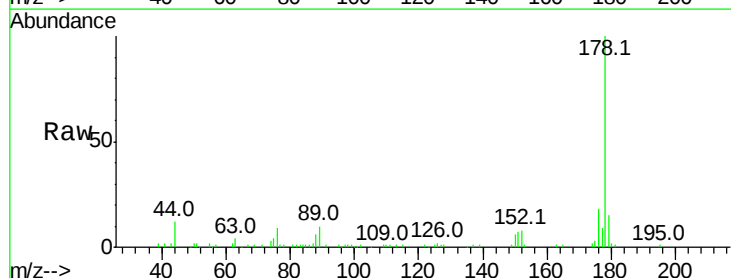
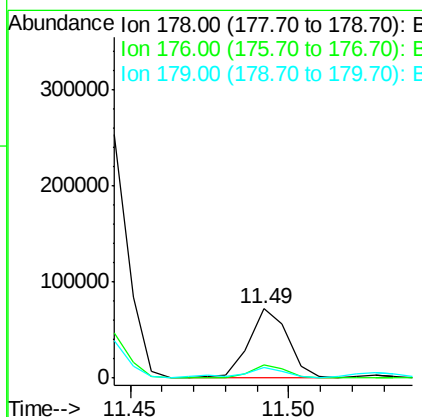
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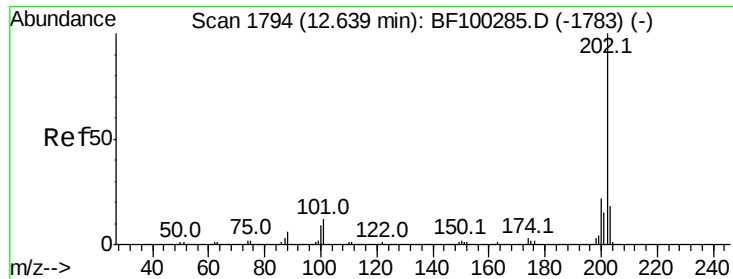
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#71
Anthracene
Concen: 2.105 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.4	12.6	19.0





#74

Fluoranthene

Concen: 9.474 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF100296.D

Acq: 8 Nov 2017 17:22

Instrument :

BNA_F

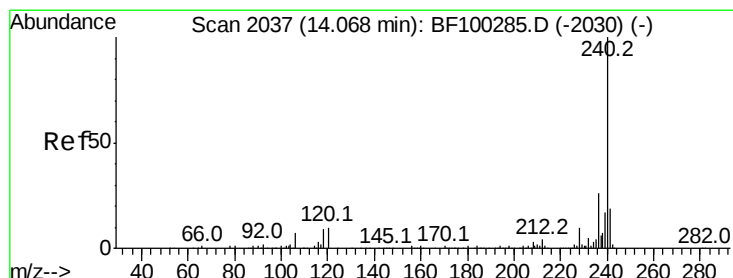
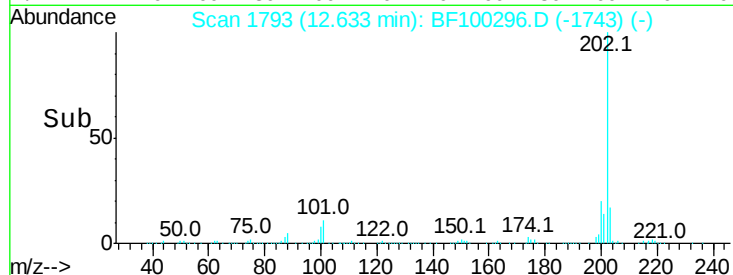
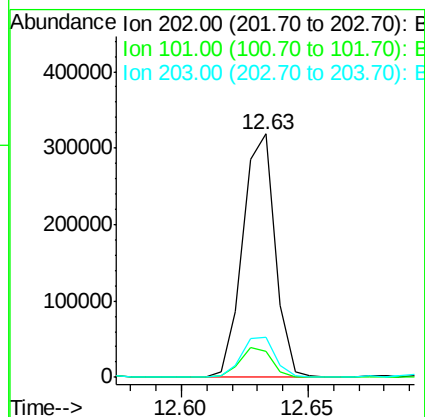
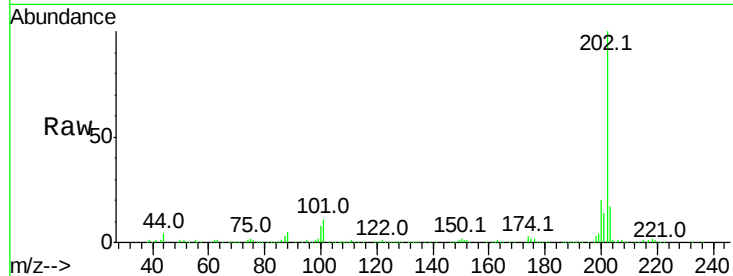
ClientSampleId :

PL-01-110317

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	34.1
203	16.6	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

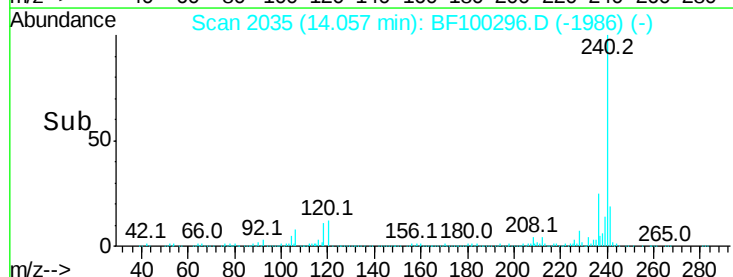
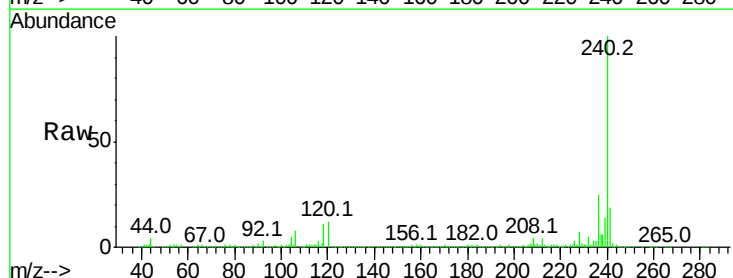
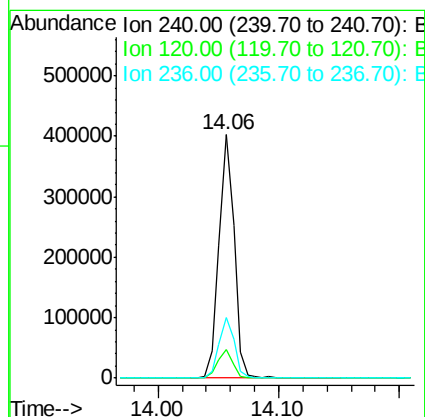
RT: 14.06 min Scan# 2035

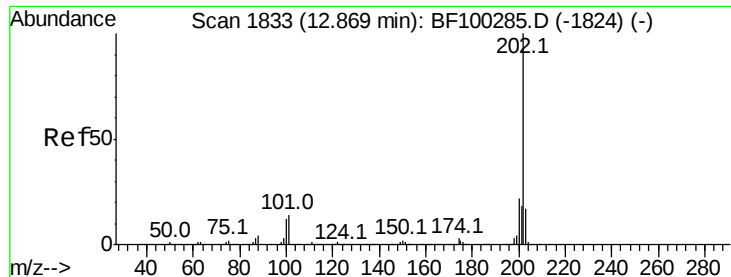
Delta R.T. -0.01 min

Lab File: BF100296.D

Acq: 8 Nov 2017 17:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.0	20.7	31.1





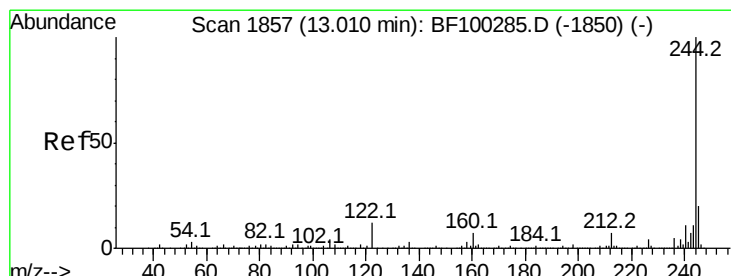
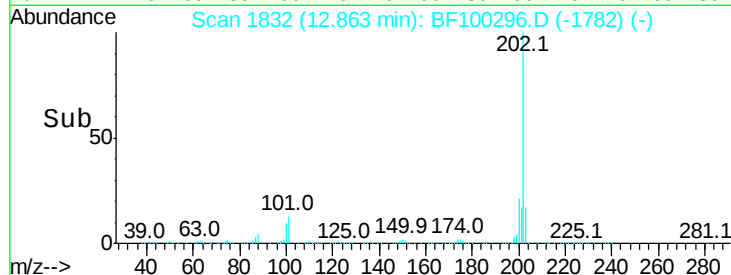
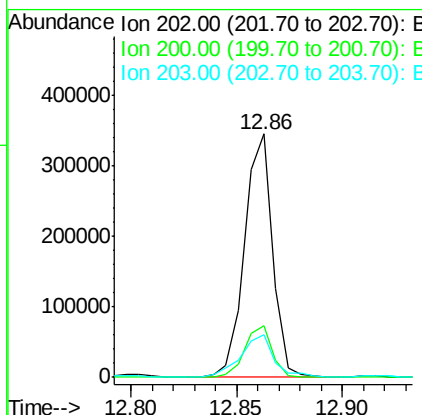
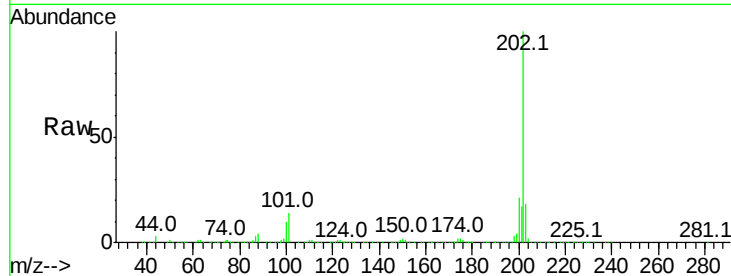
#77
Pvrene
Concen: 12.830 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PL-01-110317

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.7	14.3	21.5

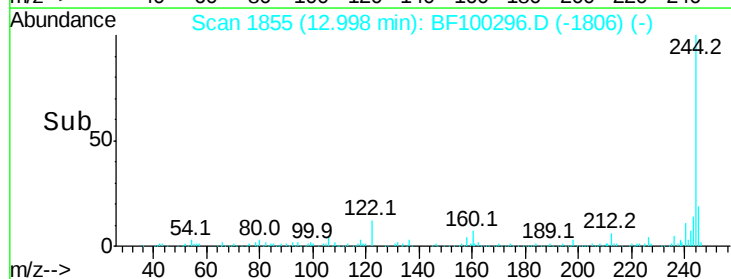
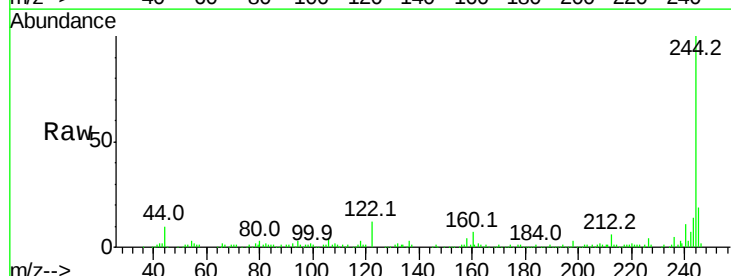
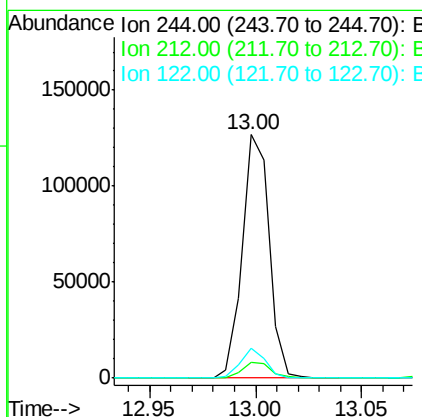
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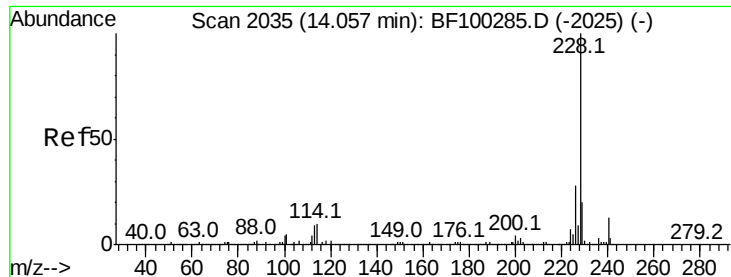
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#78
Terphenyl-d14
Concen: 7.418 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.4	8.0
122	12.5	11.0	16.4





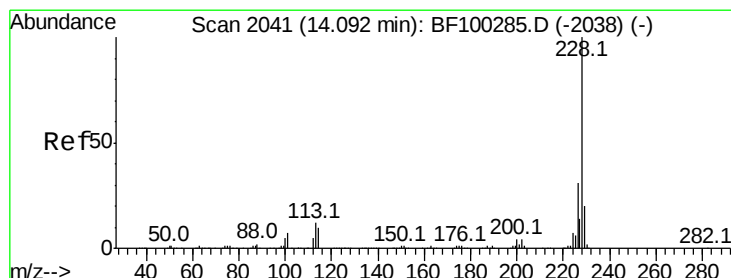
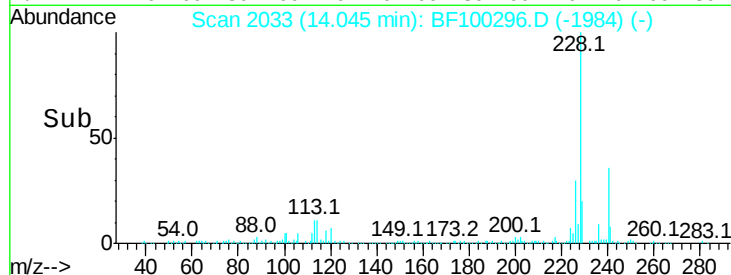
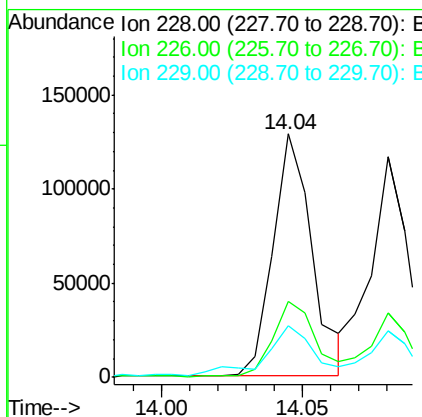
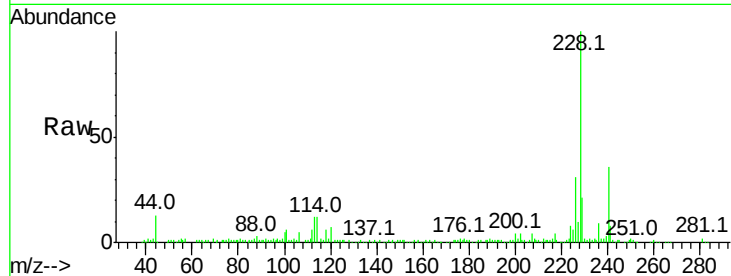
#80
Benzo(a)anthracene
Concen: 5.911 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PL-01-110317

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	21.1	15.8	23.6

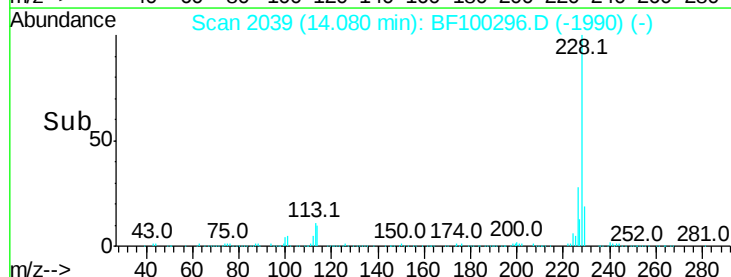
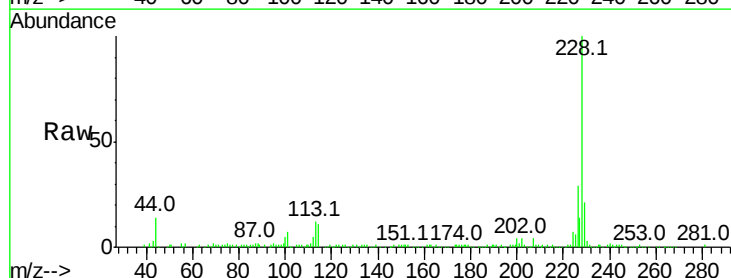
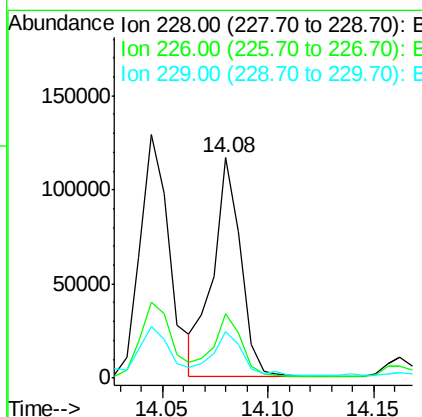
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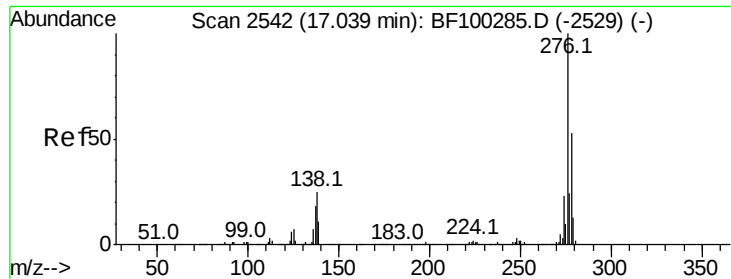
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#82
Chrysene
Concen: 5.299 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	21.0	16.2	24.4





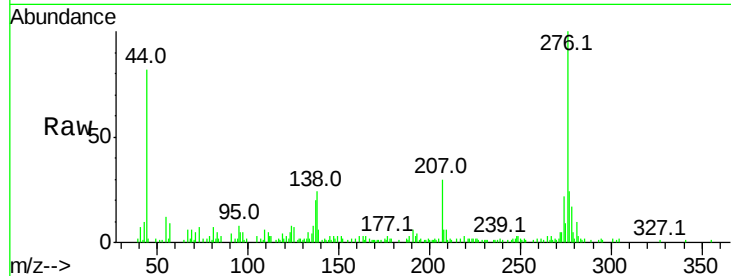
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.576 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PL-01-110317

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.0	37.6#
277	24.5	20.1	30.1

Manual Integrations
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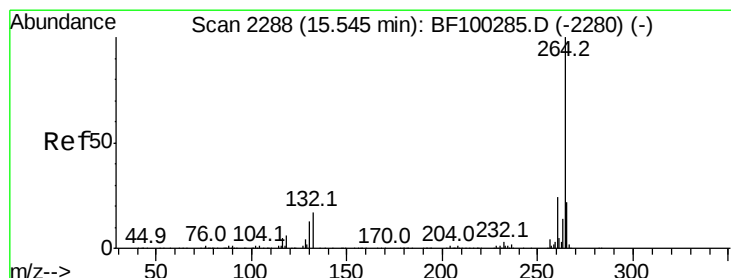
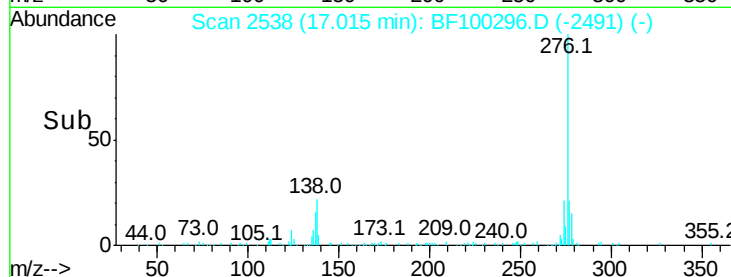
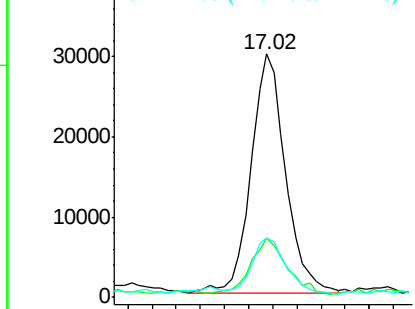


Abundance

Ion 276.00 (275.70 to 276.70): E

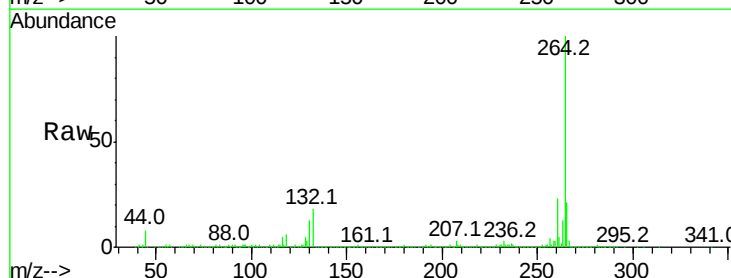
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.6	17.5	26.3

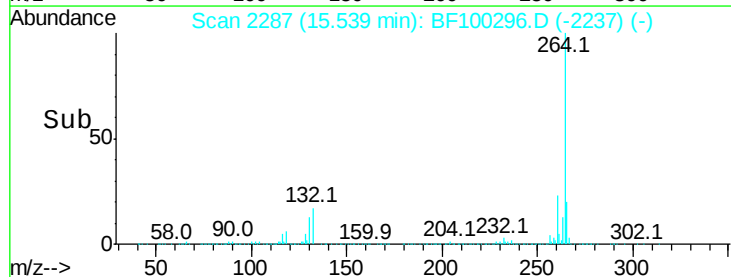
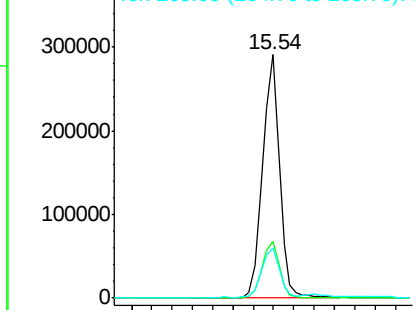


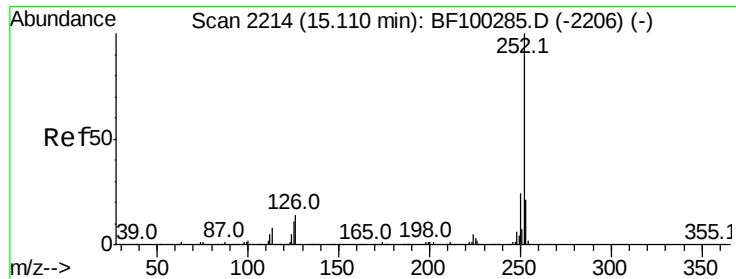
Abundance

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





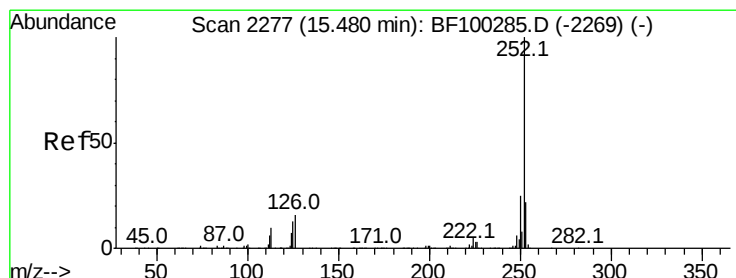
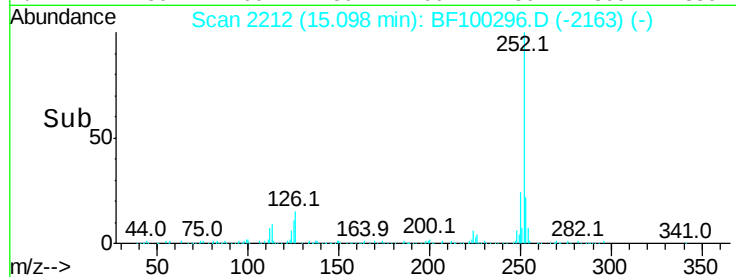
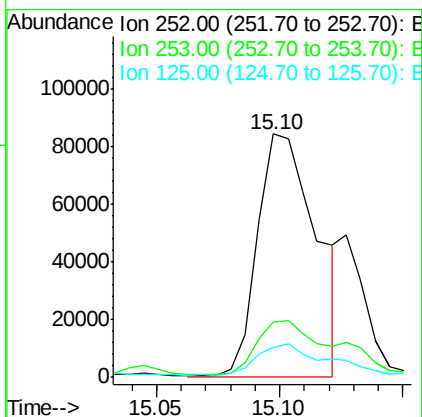
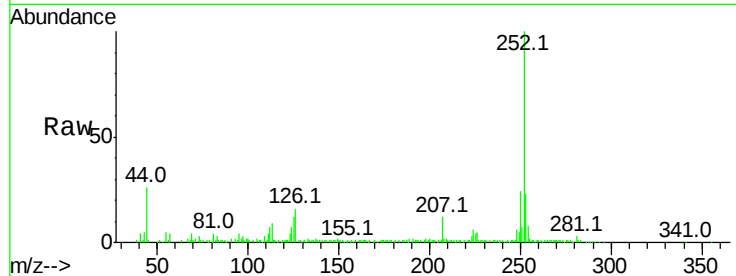
#87
Benzo(b)fluoranthene
Concen: 6.891 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Instrument :
BNA_F
ClientSampled :
PL-01-110317

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	12.4	9.0	13.6

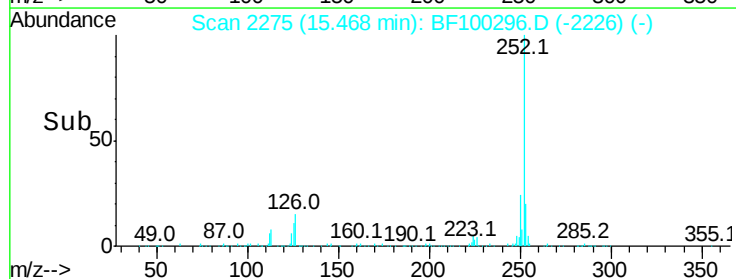
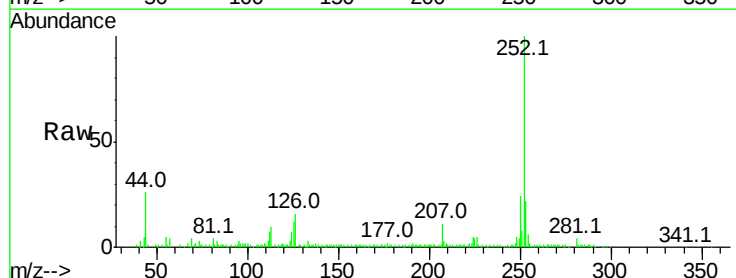
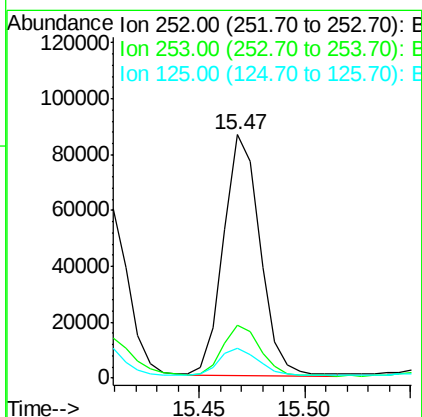
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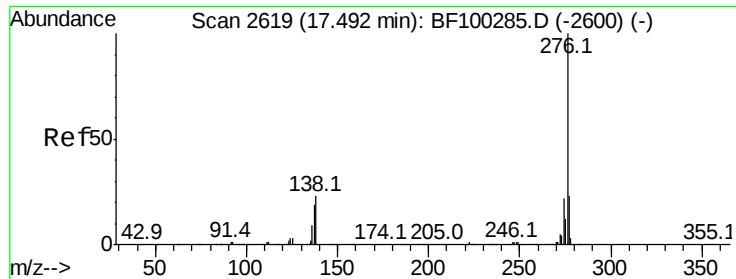
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#89
Benzo(a)pyrene
Concen: 5.738 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF100296.D
Acq: 8 Nov 2017 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	12.5	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.215 ng
 RT: 17.47 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BF100296.D
 Acq: 8 Nov 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-110317

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	24.6	21.8	32.8

Manual Integrations
 APPROVED

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