

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101310.D
 Acq On : 12 Dec 2017 3:22
 Operator : SJ/JU
 Sample : I6744-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PROS-1-E(3-4)

Manual Integrations
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Quant Time: Dec 12 06:28:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	46721	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	165958	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	67702	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	115860	20.00	ng	0.00
75) Chrysene-d12	14.01	240	96930	20.00	ng	0.00
86) Perylene-d12	15.49	264	74263	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	391084	138.32	ng	0.02
7) Phenol-d6	6.47	99	474780	138.31	ng	0.01
23) Nitrobenzene-d5	7.40	82	276040	99.22	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	92229	113.40	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	522233	105.54	ng	0.00
78) Terphenyl-d14	12.95	244	403426	91.03	ng	0.01
Target Compounds						
10) Phenol	6.49	94	18016	4.720	ng	86
49) Dimethylphthalate	9.58	163	44191	8.094	ng	99
70) Phenanthrene	11.39	178	15134	2.372	ng	97
74) Fluoranthene	12.58	202	30847	4.362	ng	96
77) Pyrene	12.81	202	27904	4.172	ng	98
80) Benzo(a)anthracene	14.00	228	15742m	2.572	ng	
82) Chrysene	14.04	228	15322m	2.696	ng	
83) Bis(2-ethylhexyl)phthalate	13.97	149	14893	3.542	ng	# 96
87) Benzo(b)fluoranthene	15.06	252	14762m	3.319	ng	
89) Benzo(a)pyrene	15.43	252	12331	3.049	ng	# 85
91) Benzo(g,h,i)perylene	17.44	276	23424	6.972	ng	94

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

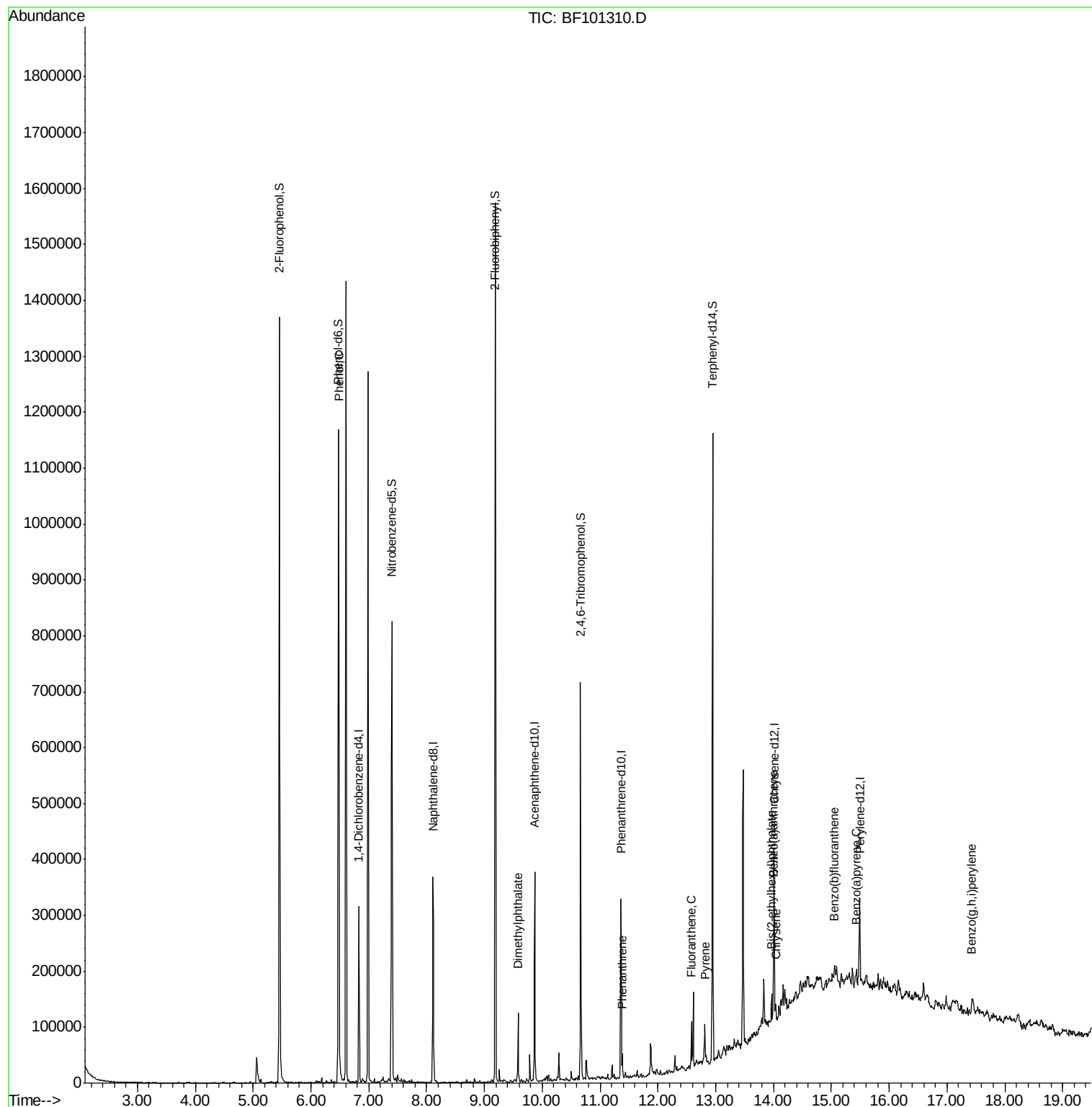
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
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Sample : I6744-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

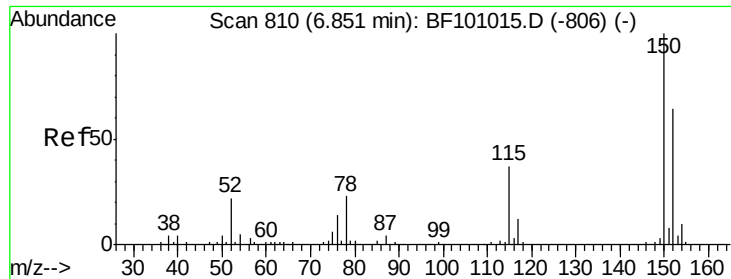
Instrument :
BNA_F
ClientSampleId :
PROS-1-E(3-4)

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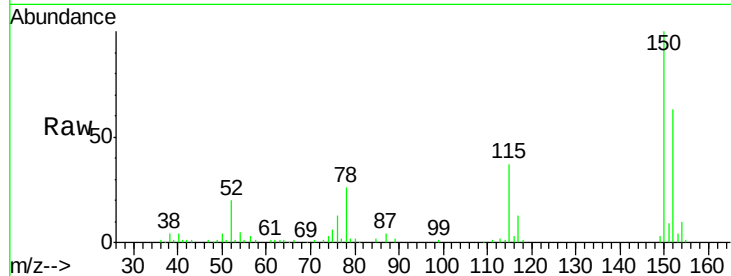
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF101310.D
 Acq: 12 Dec 2017 3:22

Instrument :
 BNA_F
 ClientSampleId :
 PROS-1-E(3-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	58.8	50.1	75.1

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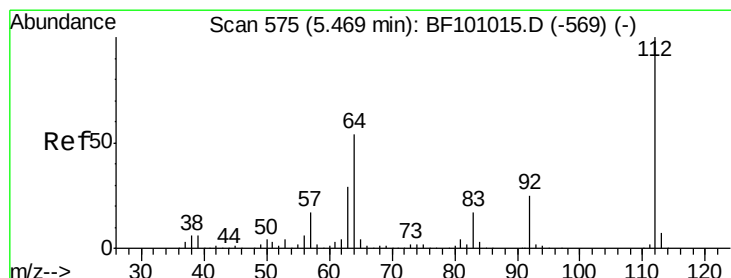
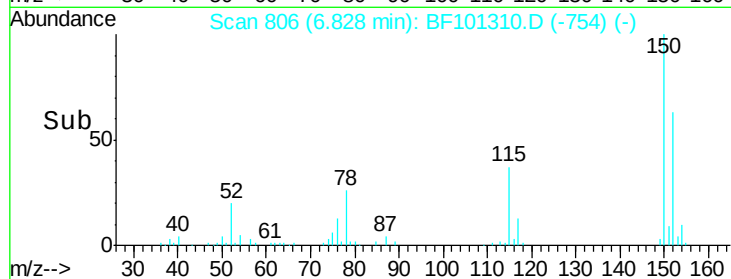
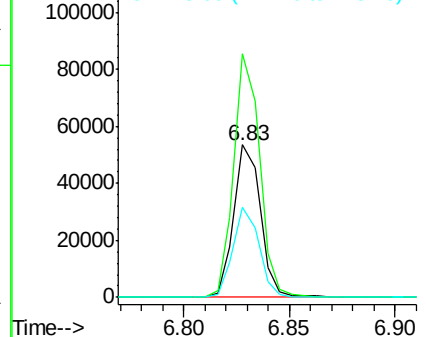


Abundance

Ion 152.00 (151.70 to 152.70): E

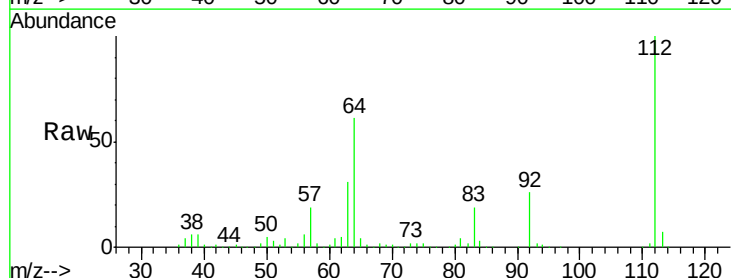
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 138.320 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF101310.D
 Acq: 12 Dec 2017 3:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	31.2	23.7	35.5

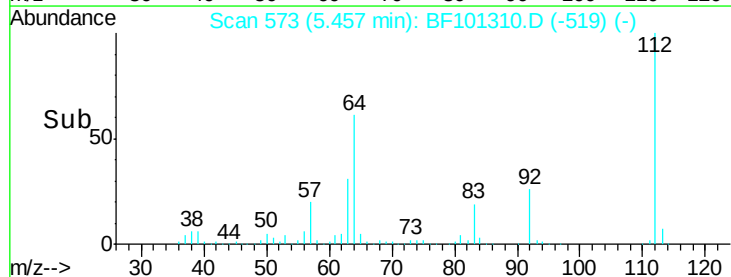
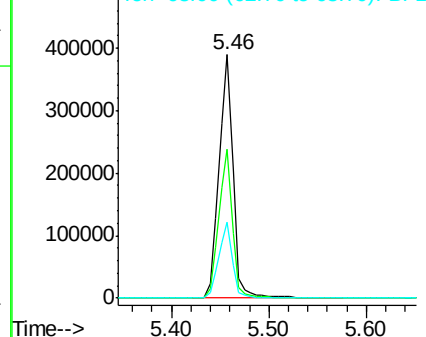


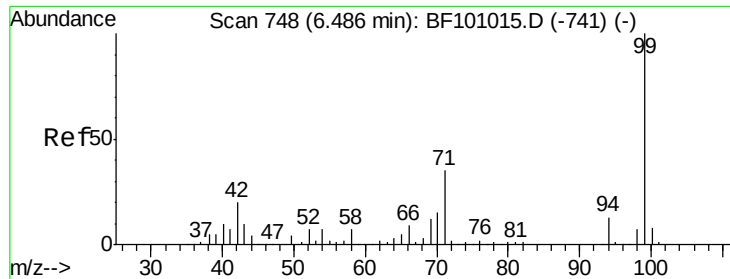
Abundance

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: 138.310 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101310.D

Acq: 12 Dec 2017 3:22

Instrument :

BNA_F

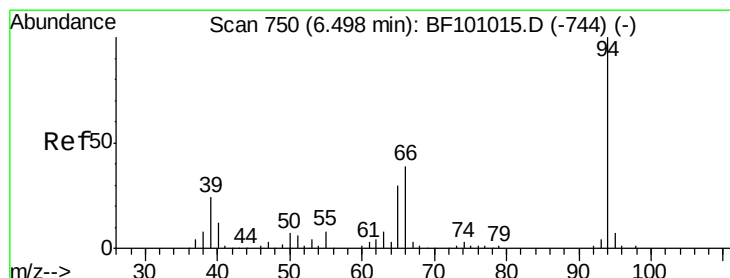
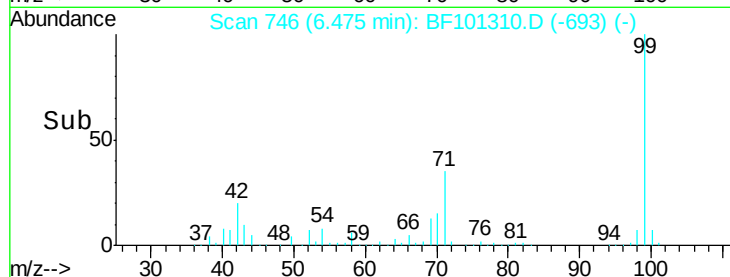
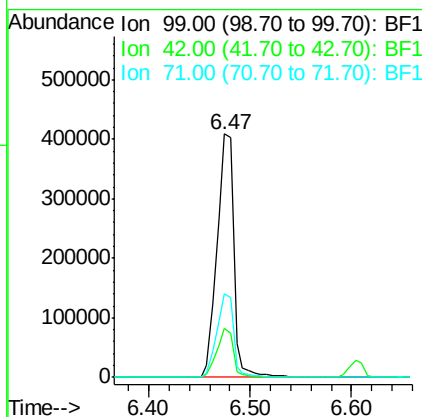
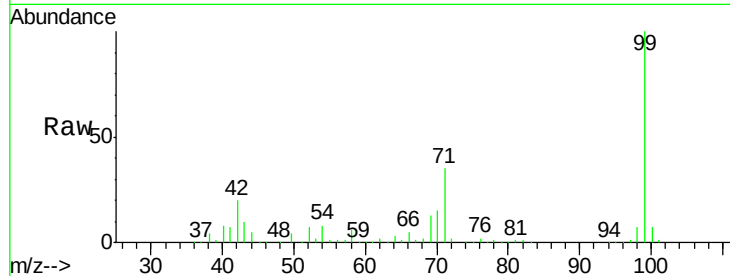
ClientSampled :

PROS-1-E(3-4)

Tot Ion:	99	Resp:	474780
Ion Ratio	Lower	Upper	
99	100		
42	20.2	14.5	21.7
71	34.6	25.4	38.0

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#10

Phenol

Concen: 4.720 ng

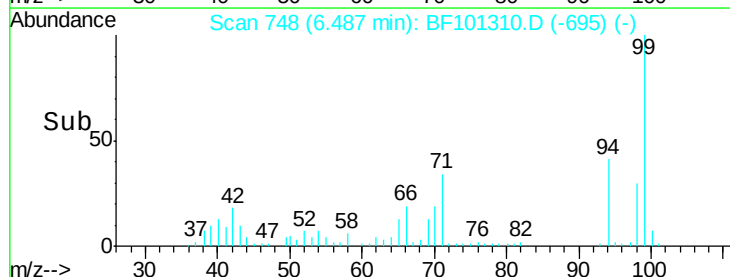
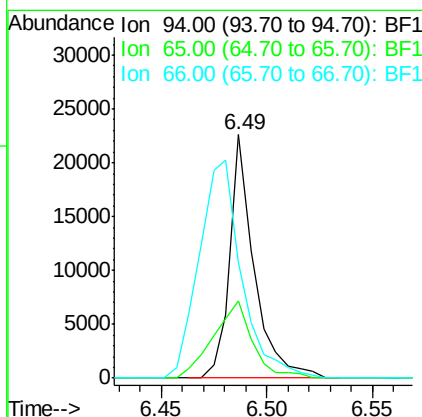
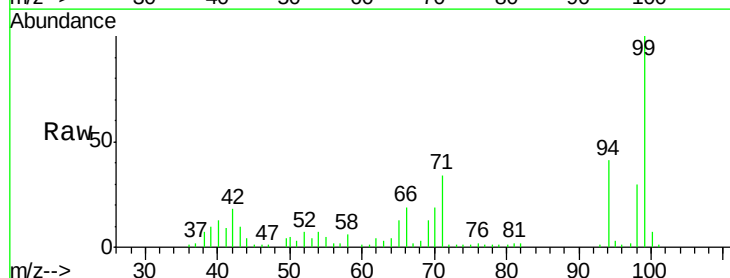
RT: 6.49 min Scan# 748

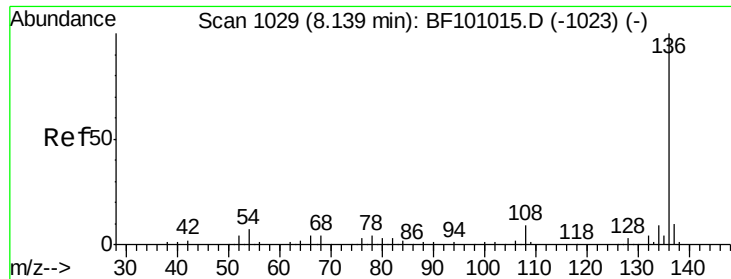
Delta R.T. 0.01 min

Lab File: BF101310.D

Acq: 12 Dec 2017 3:22

Tgt Ion:	94	Resp:	18016
Ion Ratio	Lower	Upper	
94	100		
65	31.6	7.9	47.9
66	47.4	16.2	56.2





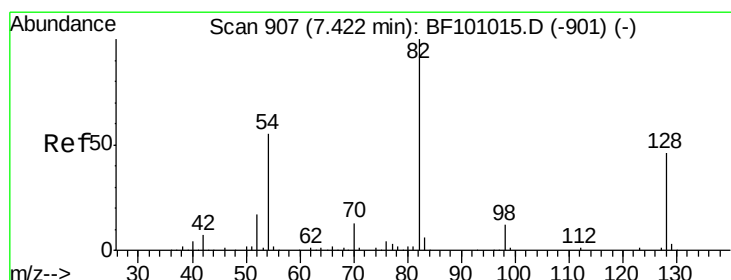
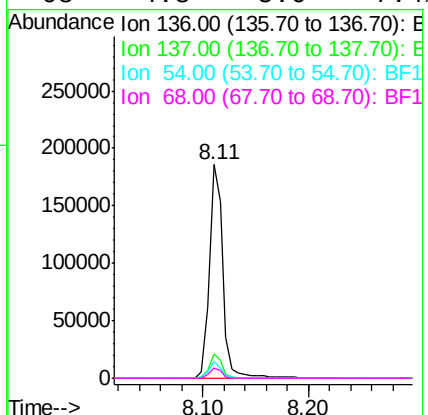
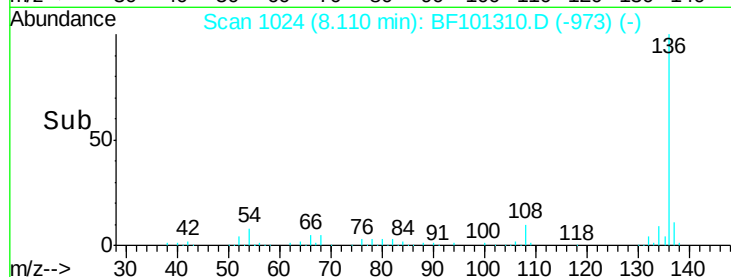
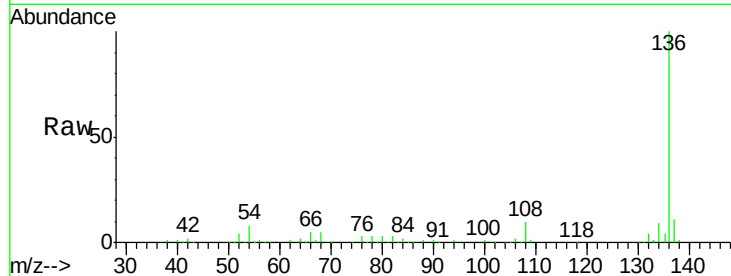
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101310.D
Acq: 12 Dec 2017 3:22

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(3-4)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.6	9.8
68	4.8	5.0	7.4#

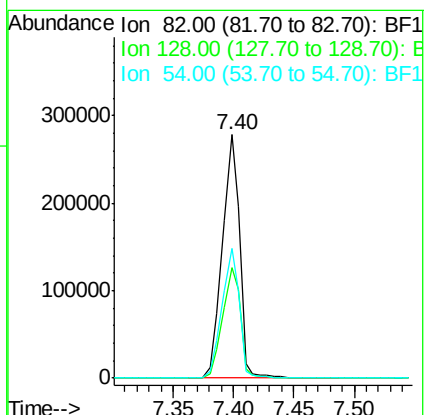
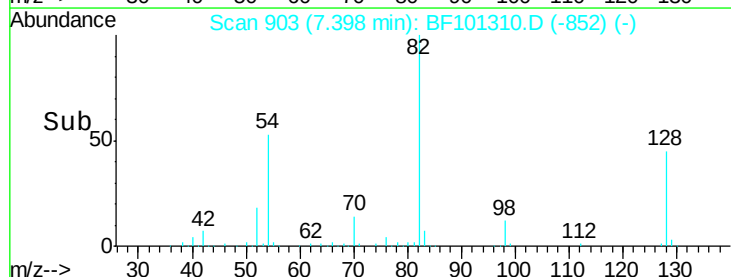
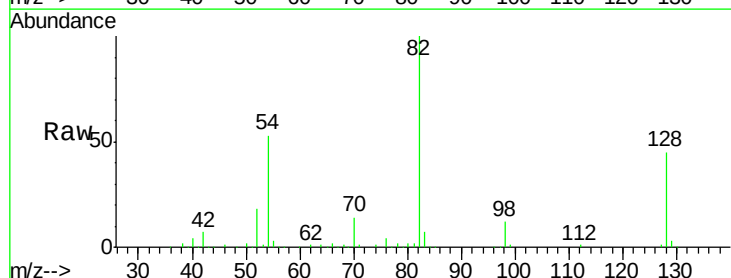
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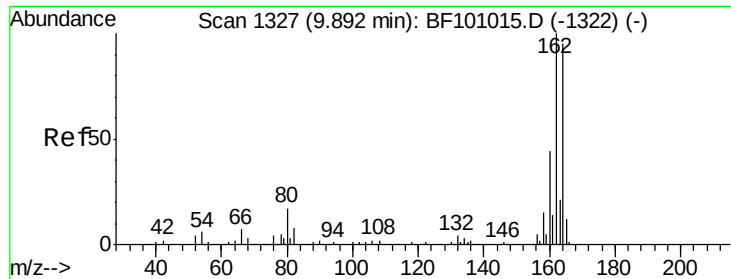
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#23
Nitrobenzene-d5
Concen: 99.222 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101310.D
Acq: 12 Dec 2017 3:22

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.5	36.1	54.1
54	53.4	41.4	62.2





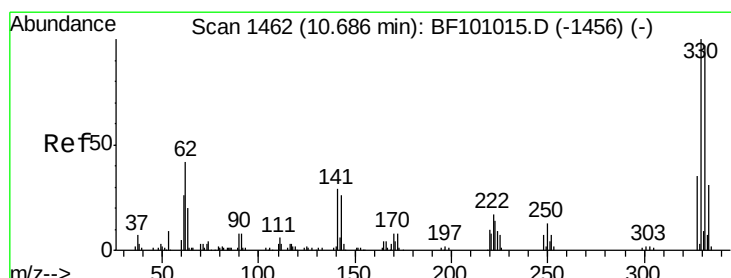
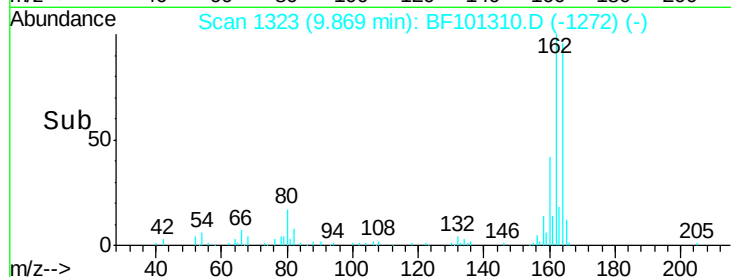
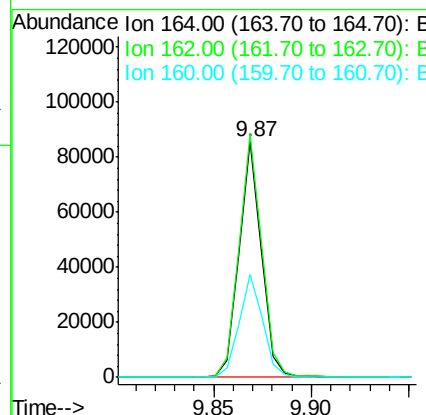
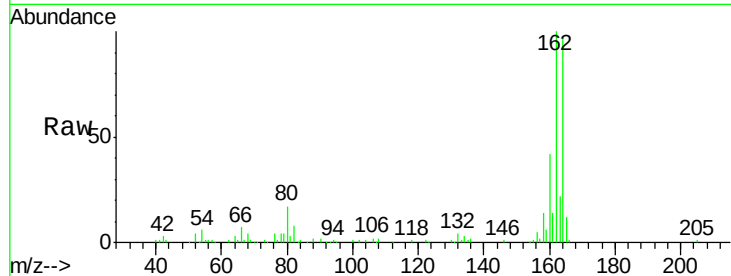
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF101310.D
 Acq: 12 Dec 2017 3:22

Instrument :
 BNA_F
 ClientSampleId :
 PROS-1-E(3-4)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	43.7	38.3	57.5

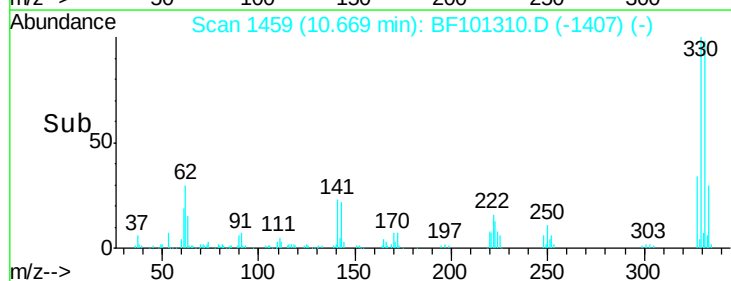
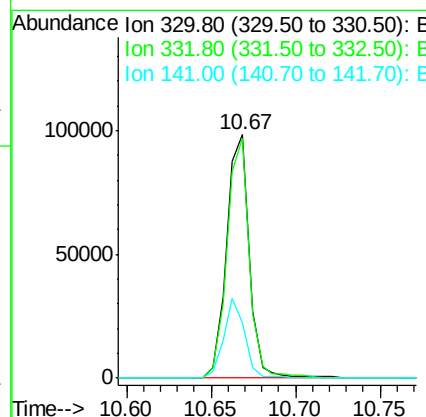
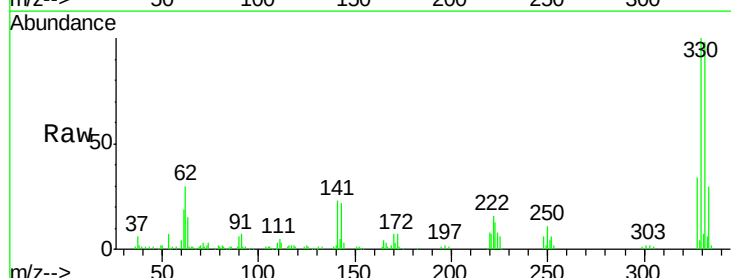
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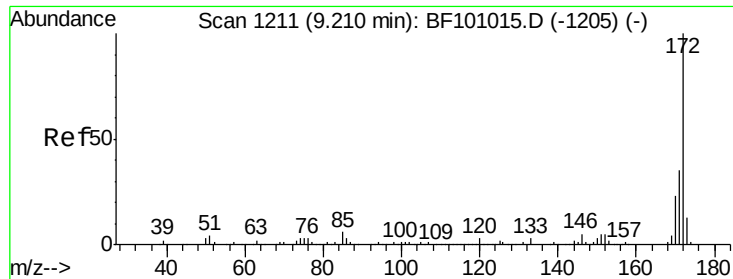
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#41
 2,4,6-Tribromophenol
 Concen: 113.402 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101310.D
 Acq: 12 Dec 2017 3:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	30.5	29.9	44.9





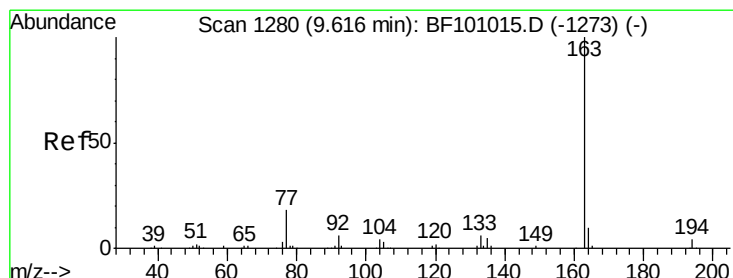
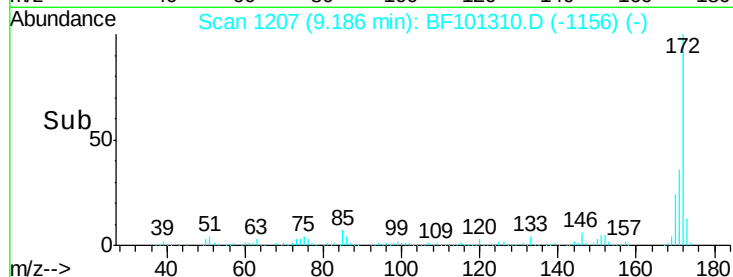
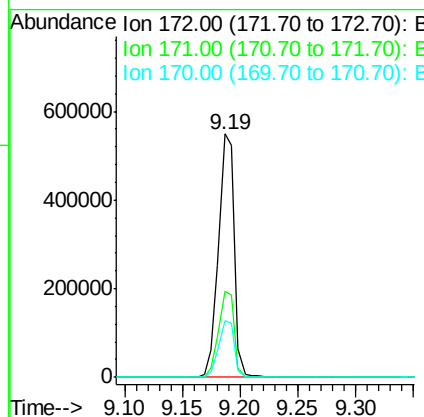
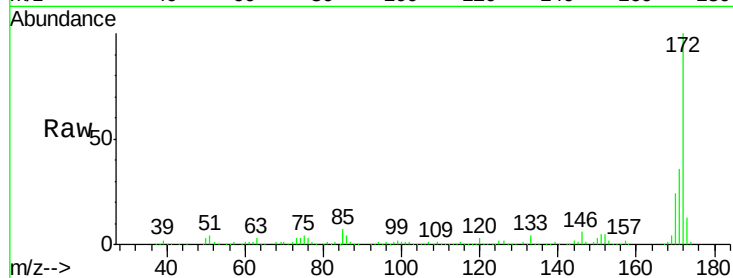
#44
2-Fluorobiphenyl
Concen: 105.539 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101310.D
Acq: 12 Dec 2017 3:22

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(3-4)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	522233		
171	35.6		29.7	44.5
170	23.5		19.6	29.4

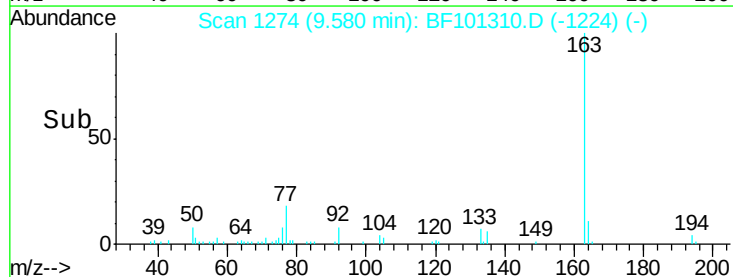
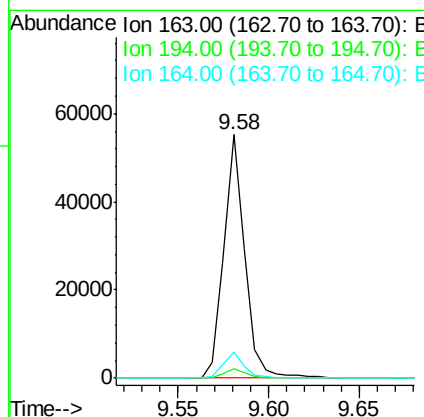
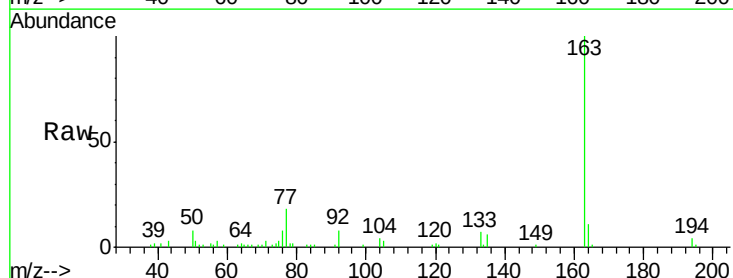
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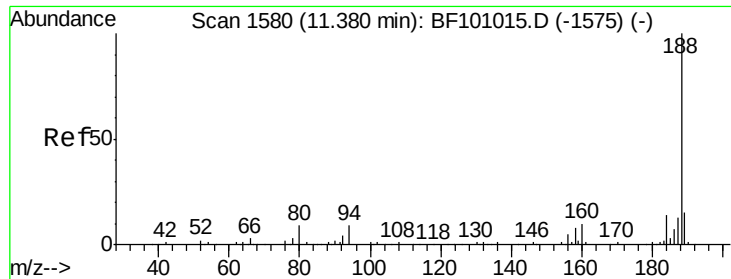
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#49
Dimethylphthalate
Concen: 8.094 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101310.D
Acq: 12 Dec 2017 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	44191		
194	3.7		2.7	4.1
164	10.6		8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF101310.D

Acq: 12 Dec 2017 3:22

Instrument :

BNA_F

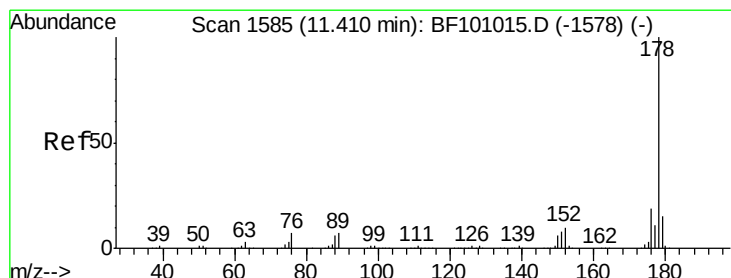
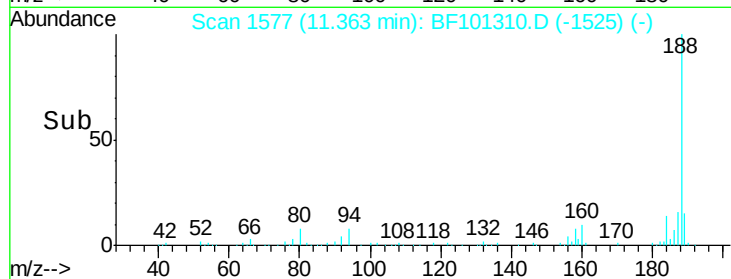
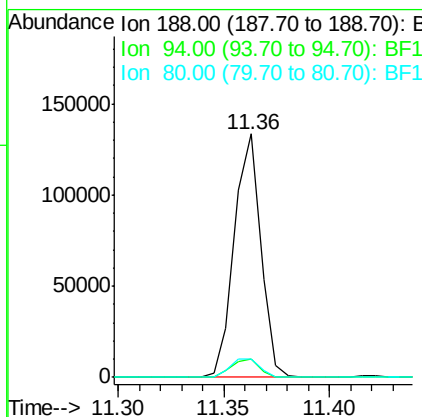
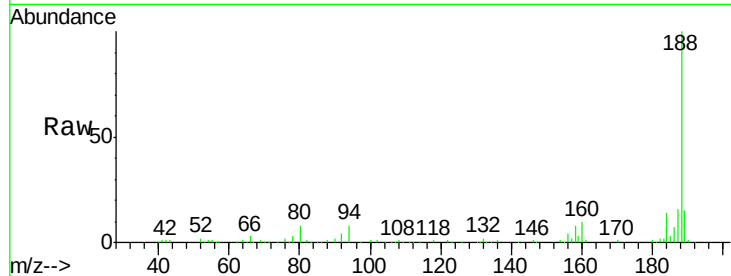
ClientSampleId :

PROS-1-E(3-4)

Tot Ion:	188	Resp:	115860
Ion Ratio		Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	7.8	9.2	13.8#

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#70

Phenanthrene

Concen: 2.372 ng

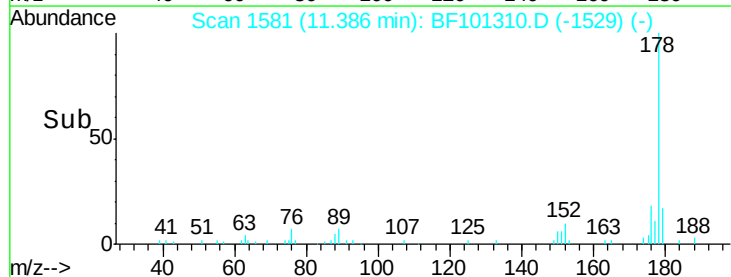
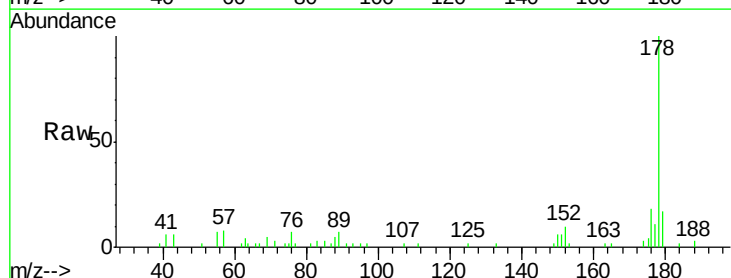
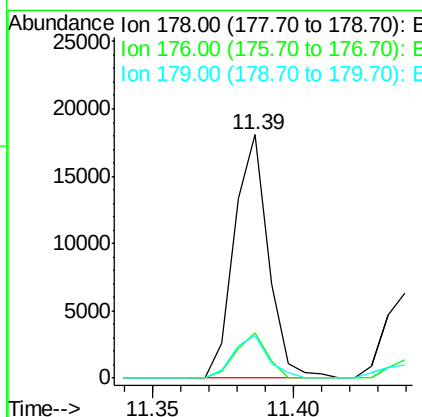
RT: 11.39 min Scan# 1581

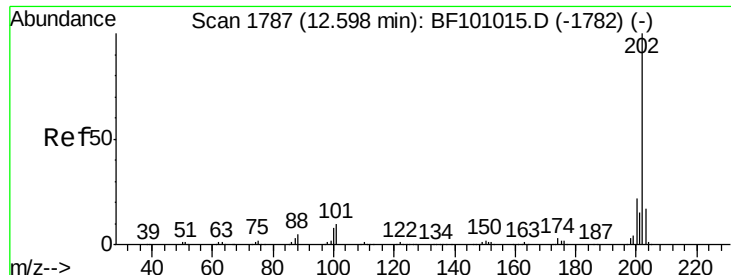
Delta R.T. 0.01 min

Lab File: BF101310.D

Acq: 12 Dec 2017 3:22

Tgt Ion:	178	Resp:	15134
Ion Ratio		Lower	Upper
178	100		
176	18.5	15.8	23.8
179	17.3	13.0	19.6





#74

Fluoranthene

Concen: 4.362 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF101310.D

Acq: 12 Dec 2017 3:22

Instrument :

BNA_F

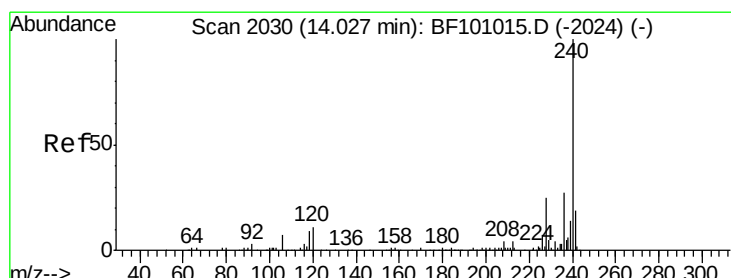
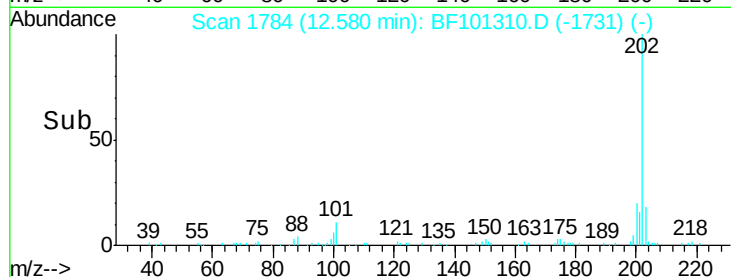
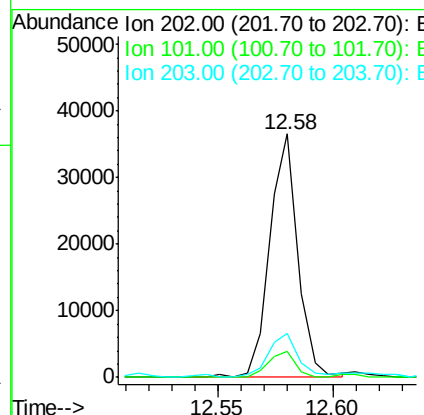
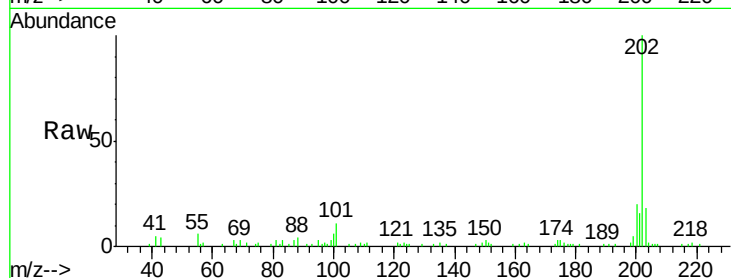
ClientSampleId :

PROS-1-E(3-4)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	34.1
203	18.1	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

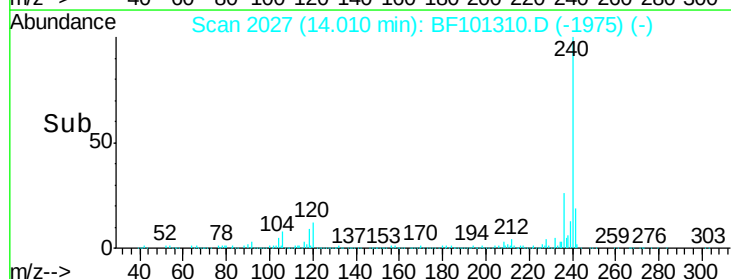
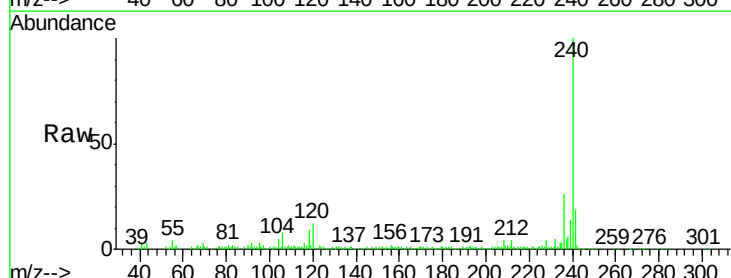
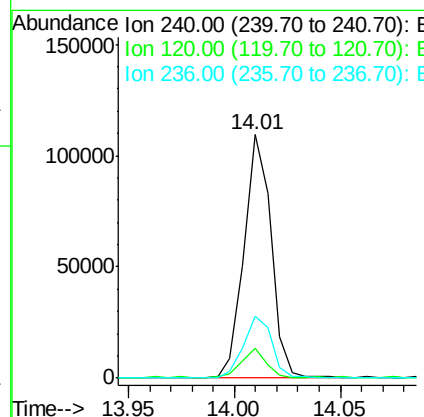
RT: 14.01 min Scan# 2027

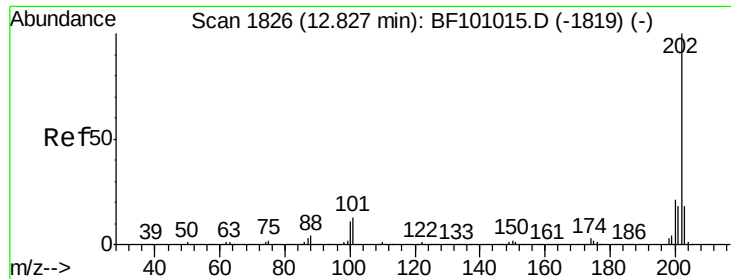
Delta R.T. 0.01 min

Lab File: BF101310.D

Acq: 12 Dec 2017 3:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.6	20.7	31.1





#77

Pvrene

Concen: 4.172 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF101310.D

Acq: 12 Dec 2017 3:22

Instrument :

BNA_F

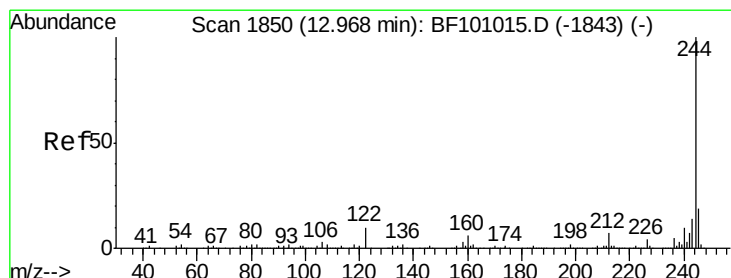
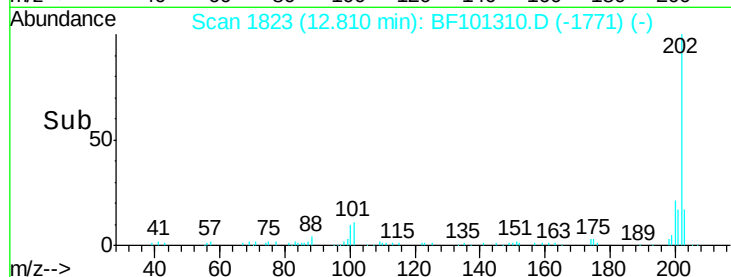
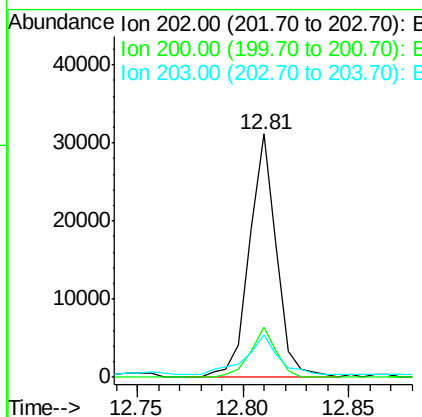
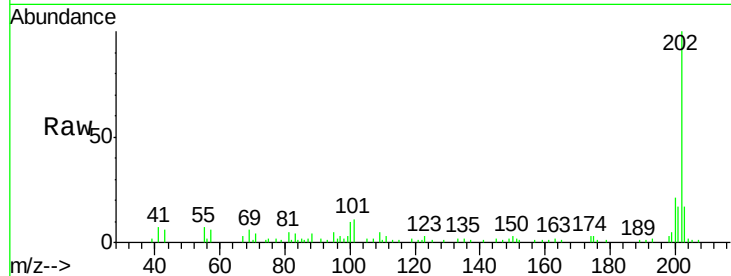
ClientSampleId :

PROS-1-E(3-4)

Tot Ion:	202	Resp:	27904
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.4	26.2
203	17.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 91.035 ng

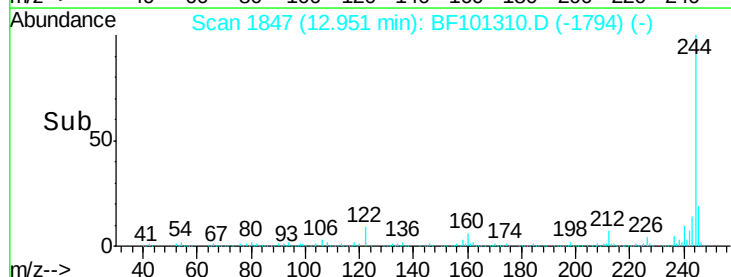
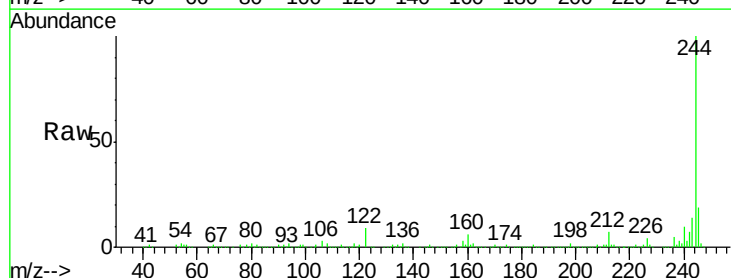
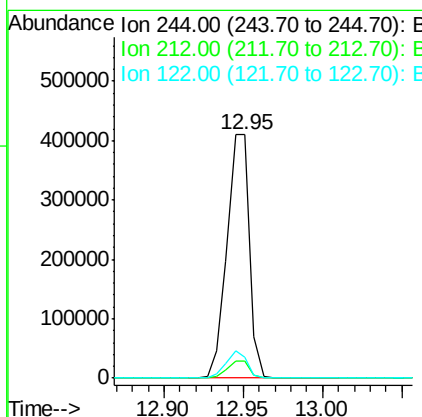
RT: 12.95 min Scan# 1847

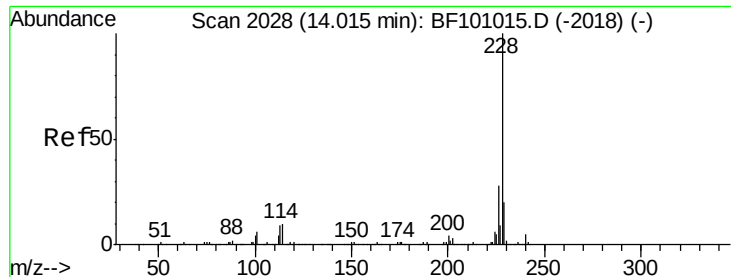
Delta R.T. 0.01 min

Lab File: BF101310.D

Acq: 12 Dec 2017 3:22

Tgt Ion:	244	Resp:	403426
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	8.8	11.0	16.4#





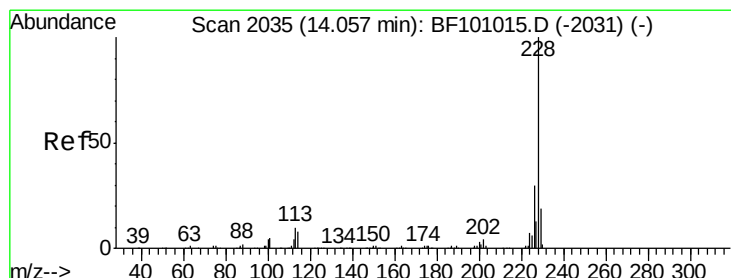
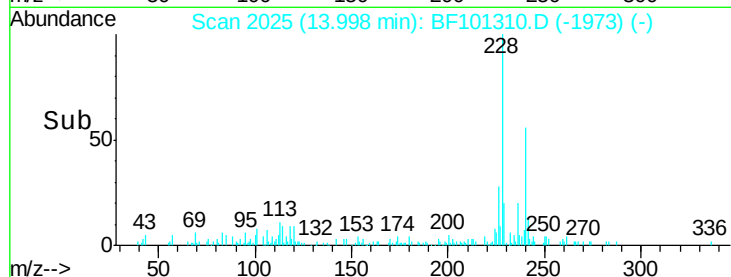
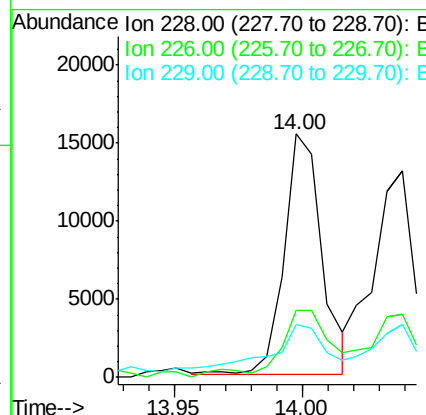
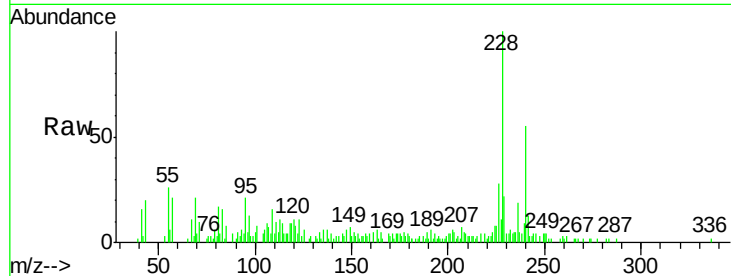
#80
Benzo(a)anthracene
Concen: 2.572 ng m
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101310.D
Acq: 12 Dec 2017 3:22

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(3-4)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	21.9	15.8	23.6

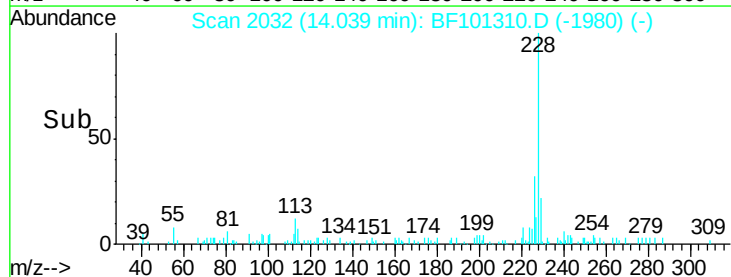
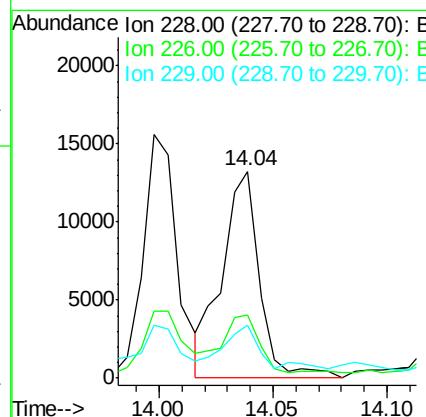
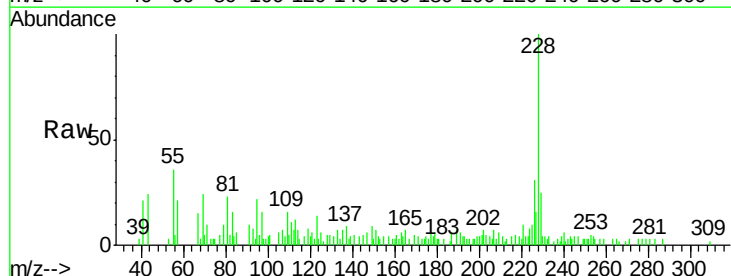
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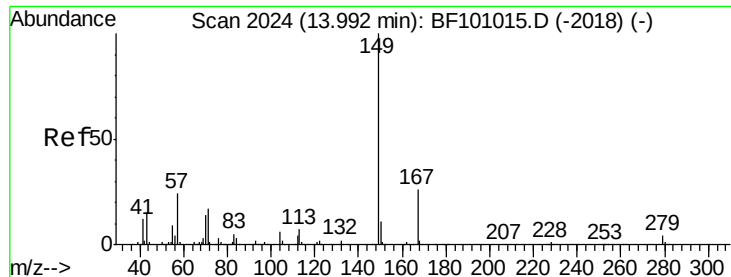
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#82
Chrysene
Concen: 2.696 ng m
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF101310.D
Acq: 12 Dec 2017 3:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	25.4	16.2	24.4





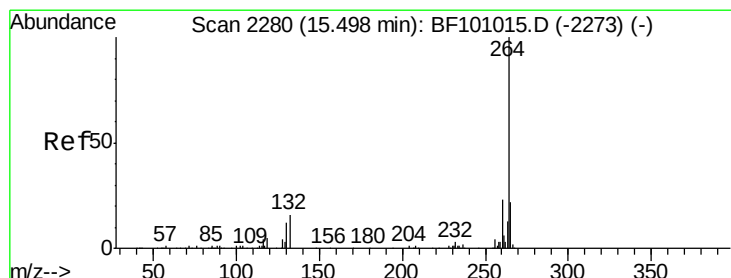
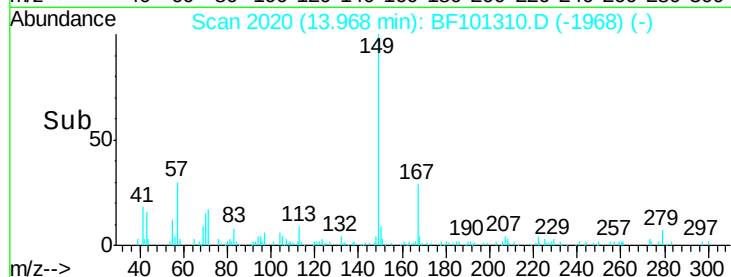
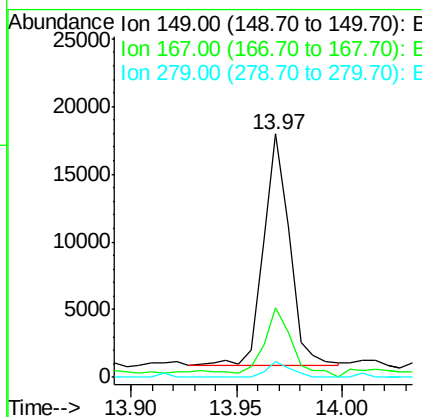
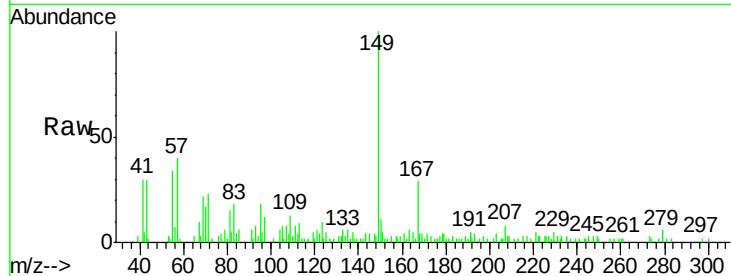
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.542 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF101310.D
Acq: 12 Dec 2017 3:22

Instrument :
BNA_F
ClientSampleId :
PROS-1-E(3-4)

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.3	31.9
279	6.4	3.0	4.4

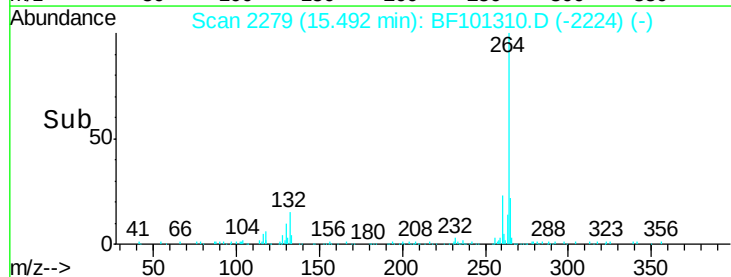
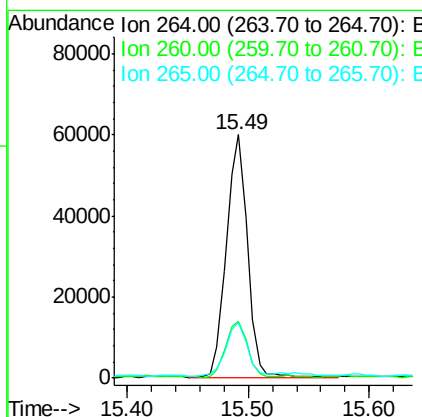
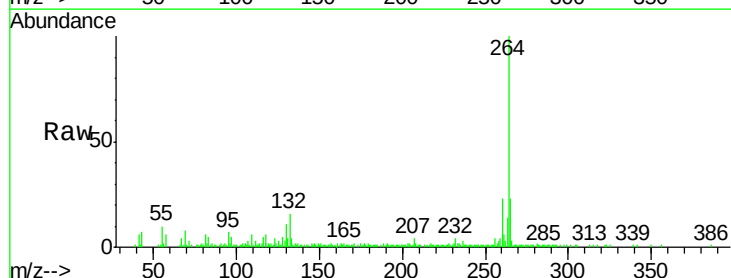
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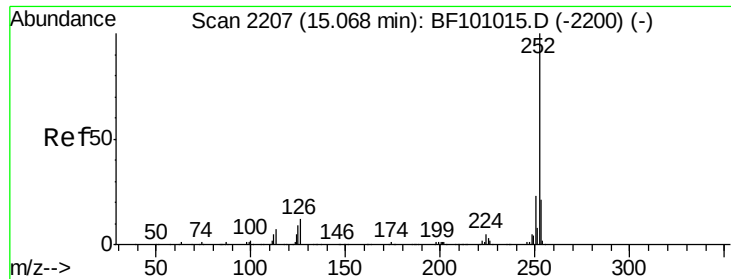
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF101310.D
Acq: 12 Dec 2017 3:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.319 ng/mL

RT: 15.06 min Scan# 2205

Delta R.T. 0.02 min

Lab File: BF101310.D

Acq: 12 Dec 2017 3:22

Instrument :

BNA_F

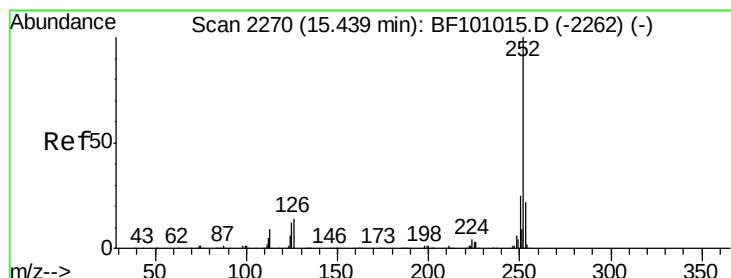
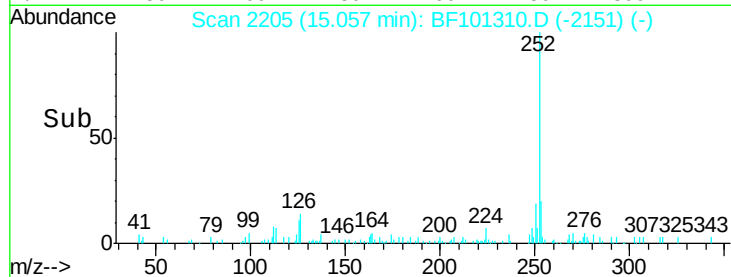
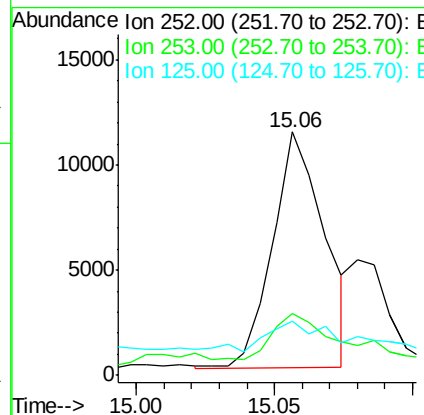
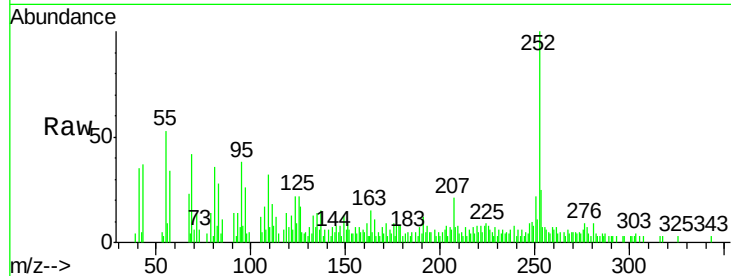
ClientSampled :

PROS-1-E(3-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	22.2	9.0	13.6

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.049 ng/mL

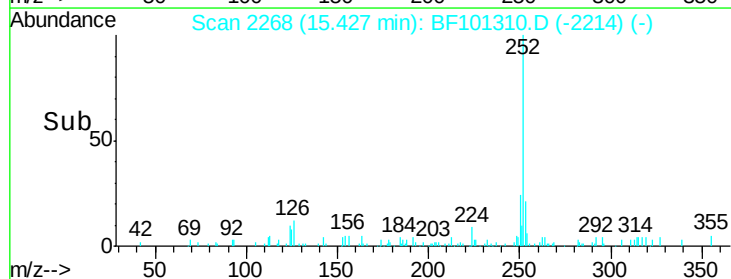
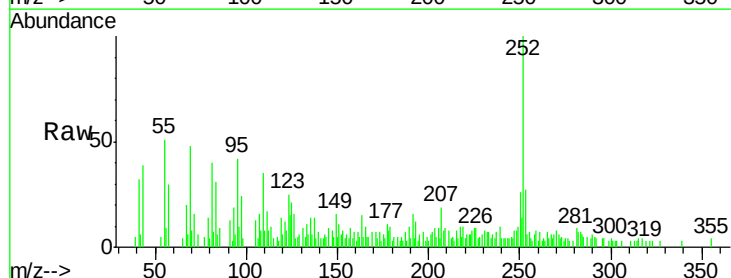
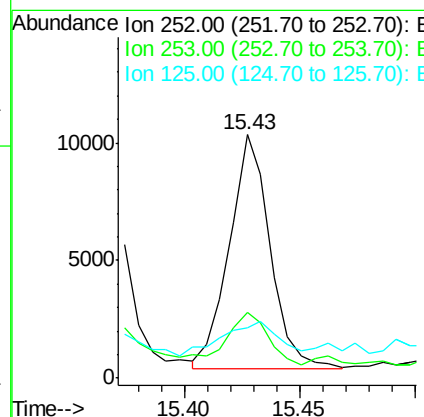
RT: 15.43 min Scan# 2268

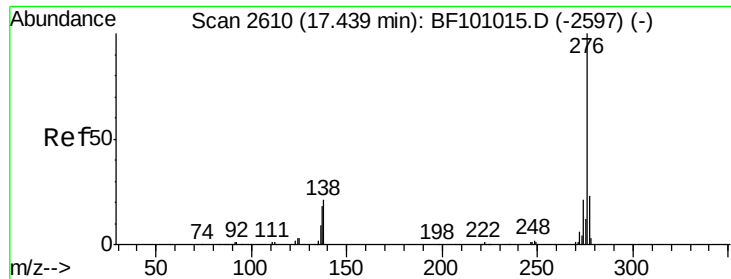
Delta R.T. 0.02 min

Lab File: BF101310.D

Acq: 12 Dec 2017 3:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.1	25.7
125	20.7	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 6.972 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.05 min
 Lab File: BF101310.D
 Acq: 12 Dec 2017 3:22

Instrument :
 BNA_F
 ClientSampleId :
 PROS-1-E(3-4)

Tot Ion:	276	Resp:	23424
Ion Ratio	Lower	Upper	
276	100		
277	24.7	17.9	26.9
138	24.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:59:26 PM

