

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101293.D
 Acq On : 11 Dec 2017 16:56
 Operator : SJ/JU
 Sample : I6744-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PROS-2-E(0-1)

Manual Integrations
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Quant Time: Dec 12 00:20:13 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	53546	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	206764	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	92572	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	160542	20.00	ng	0.00
75) Chrysene-d12	14.01	240	107569	20.00	ng	0.00
86) Perylene-d12	15.49	264	108851	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	338260	104.39	ng	0.01
7) Phenol-d6	6.47	99	407521	103.58	ng	0.00
23) Nitrobenzene-d5	7.40	82	249741	72.05	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	96491	86.77	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	458840	67.82	ng	0.00
78) Terphenyl-d14	12.94	244	324582	66.00	ng	0.00
Target Compounds						
10) Phenol	6.48	94	14848	3.394	ng	89
49) Dimethylphthalate	9.58	163	37227	4.986	ng	# 99
70) Phenanthrene	11.39	178	41034	4.641	ng	96
74) Fluoranthene	12.58	202	80826	8.247	ng	95
77) Pyrene	12.81	202	68851	9.276	ng	96
80) Benzo(a)anthracene	14.00	228	40392	5.947	ng	97
82) Chrysene	14.03	228	37209	5.899	ng	96
83) Bis(2-ethylhexyl)phthalate	13.97	149	30979	6.639	ng	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	20851	3.718	ng	91
87) Benzo(b)fluoranthene	15.06	252	48866m	7.495	ng	
88) Benzo(k)fluoranthene	15.09	252	16028m	2.495	ng	
89) Benzo(a)pyrene	15.43	252	31713	5.350	ng	# 94
91) Benzo(a,h,i)perylene	17.43	276	19599m	3.980	ng	

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

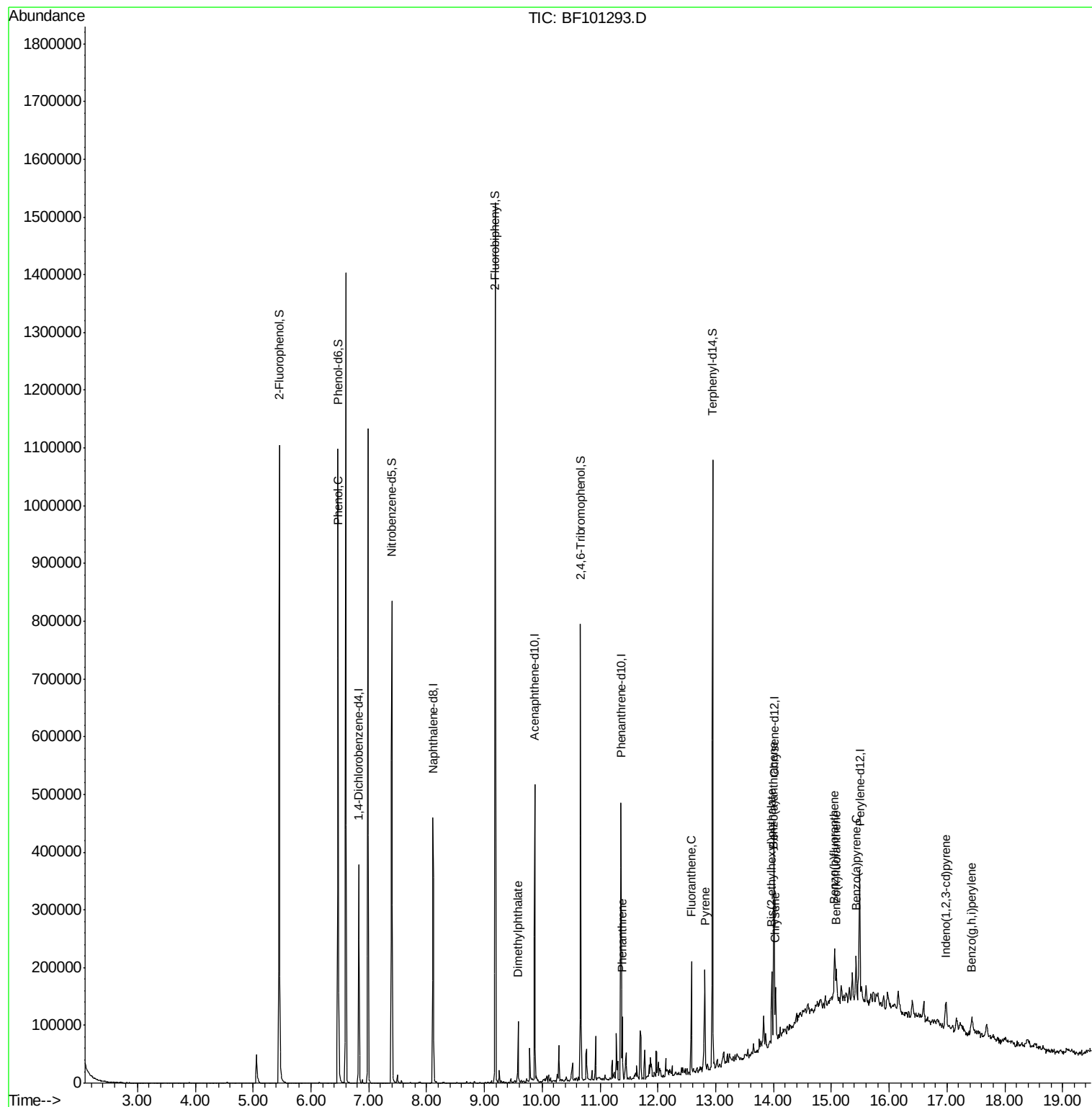
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
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ALS Vial : 17 Sample Multiplier: 1

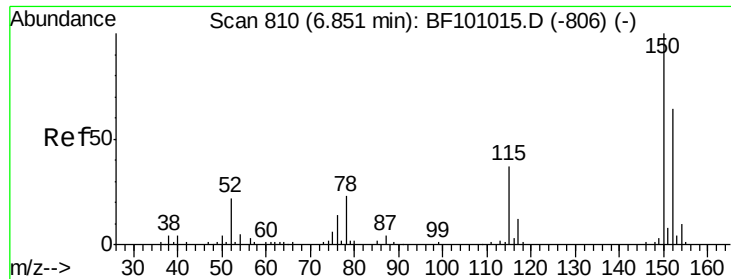
Instrument :
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PROS-2-E(0-1)

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

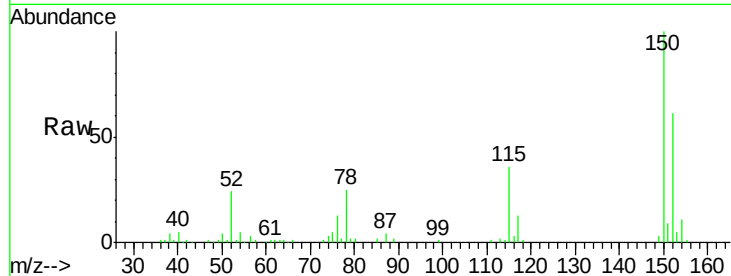
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PROS-2-E(0-1)

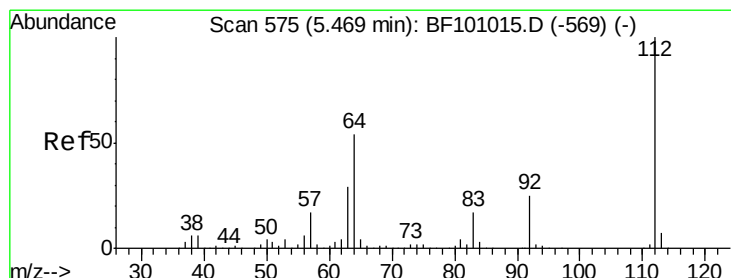
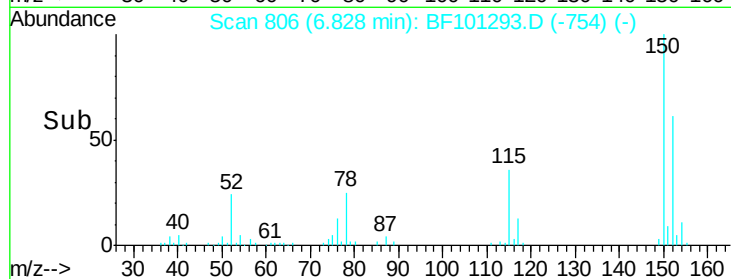
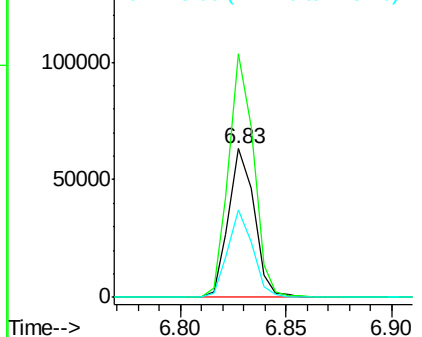
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.2	124.6	186.8
115	59.1	50.1	75.1

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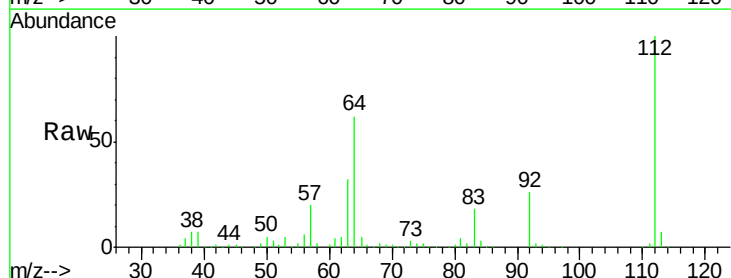
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



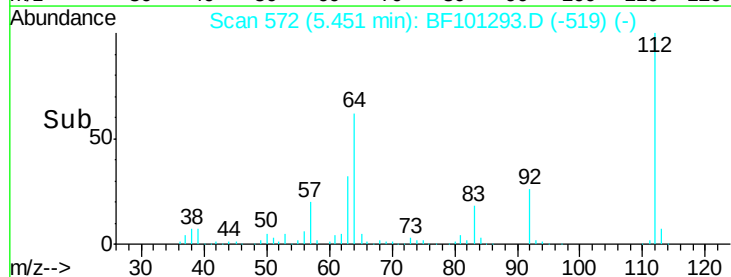
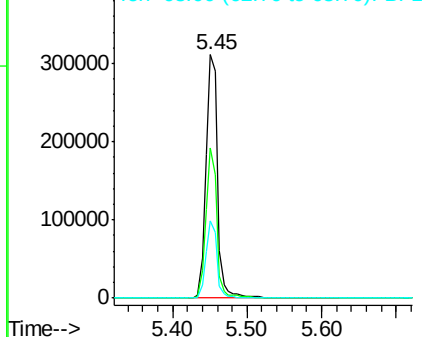
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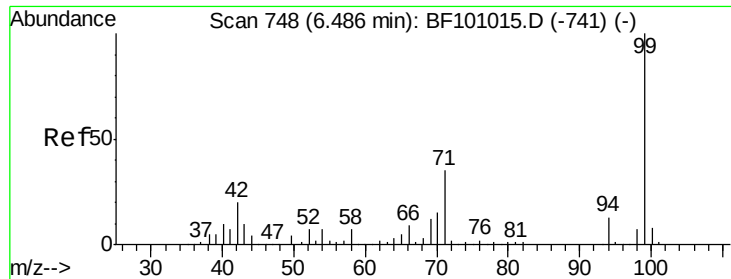
2-Fluorophenol
Concen: 104.388 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.9	71.9
63	31.8	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: 103.585 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101293.D

Acq: 11 Dec 2017 16:56

Instrument :

BNA_F

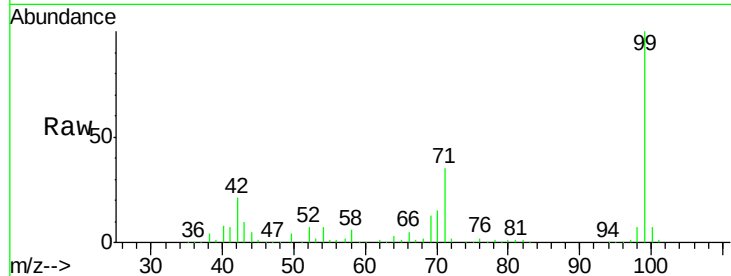
ClientSampleId :

PROS-2-E(0-1)

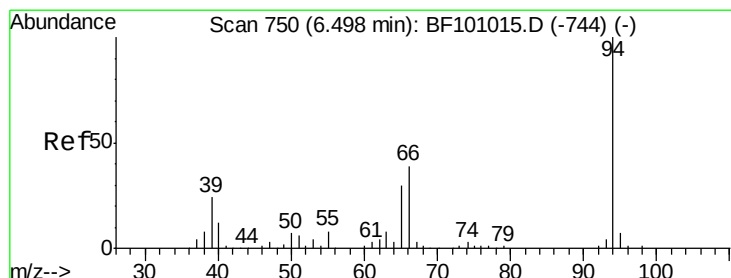
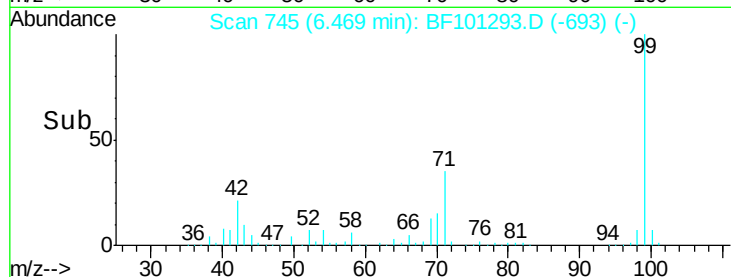
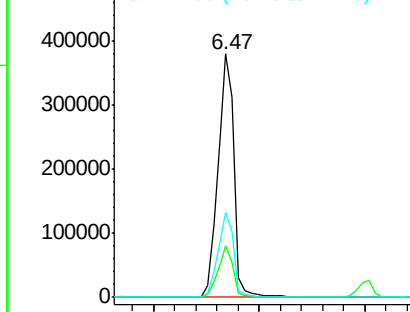
Tot Ion:	99	Resp:	407521
Ion Ratio	Lower	Upper	
99	100		
42	21.0	14.5	21.7
71	35.0	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.394 ng

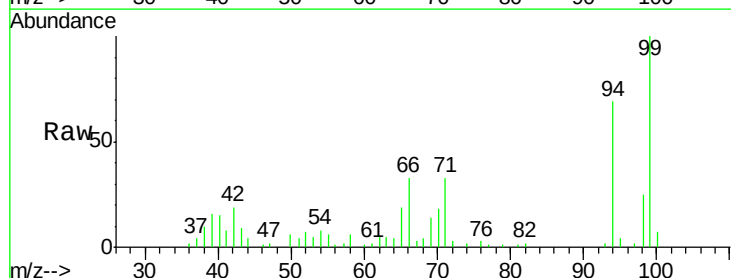
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

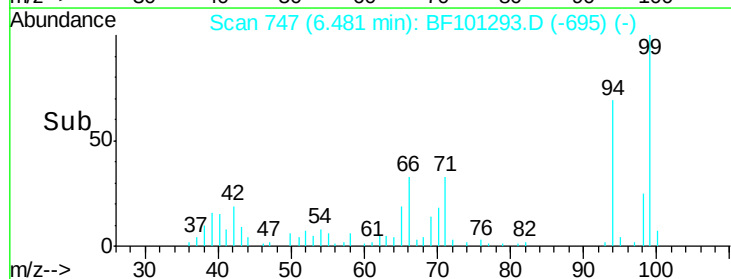
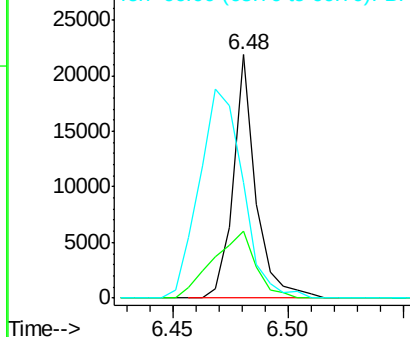
Lab File: BF101293.D

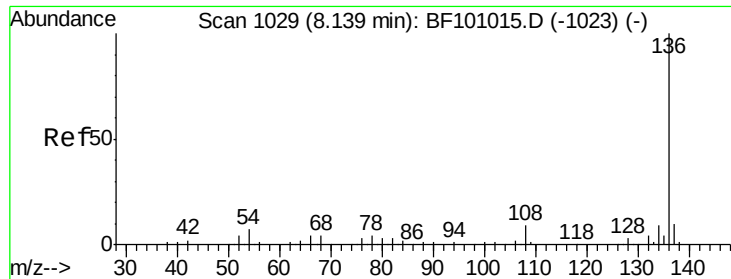
Acq: 11 Dec 2017 16:56

Tgt Ion:	94	Resp:	14848
Ion Ratio	Lower	Upper	
94	100		
65	27.6	7.9	47.9
66	47.7	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





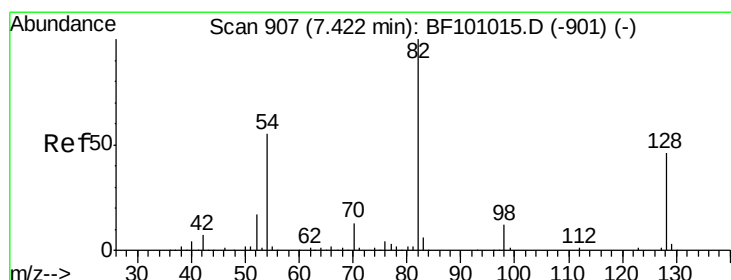
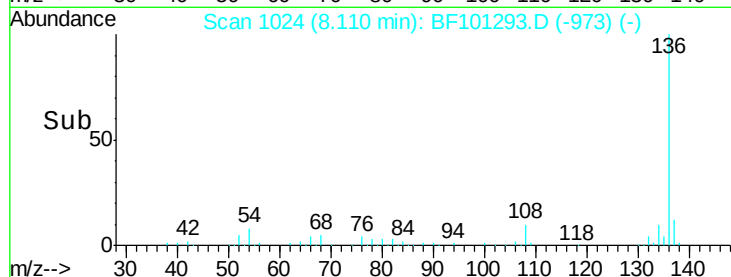
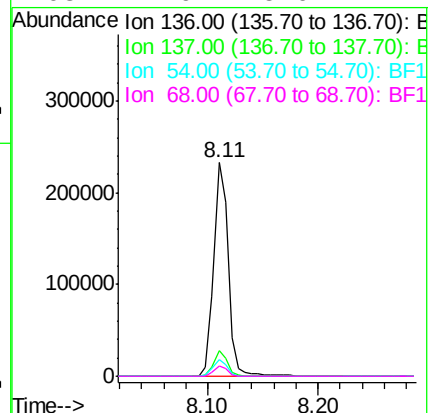
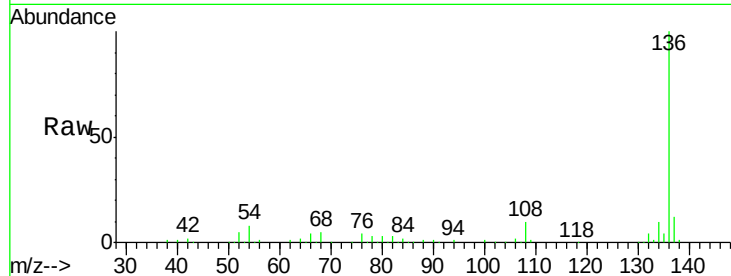
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PROS-2-E(0-1)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		206764		
137	11.8		8.9	13.3	
54	8.1		6.6	9.8	
68	4.9		5.0	7.4	

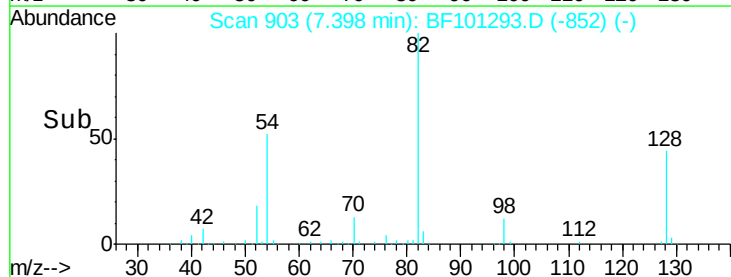
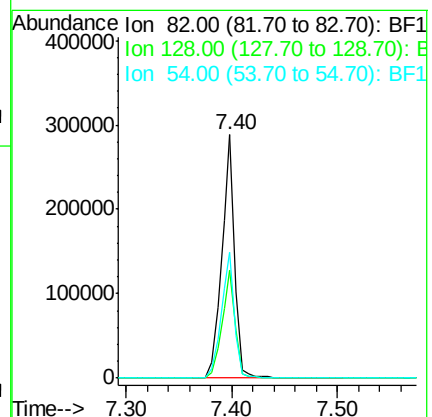
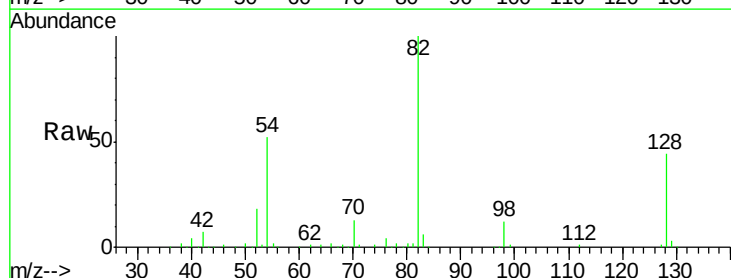
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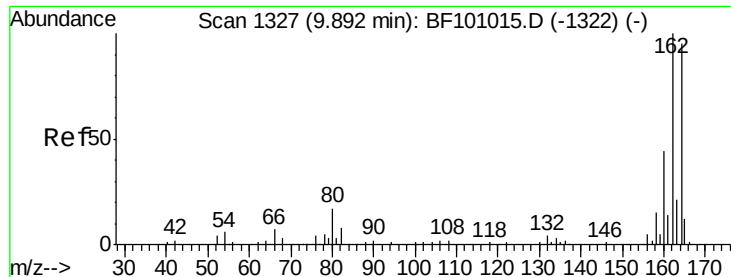
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#23
Nitrobenzene-d5
Concen: 72.052 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		249741		
128	44.1		36.1	54.1	
54	51.7		41.4	62.2	





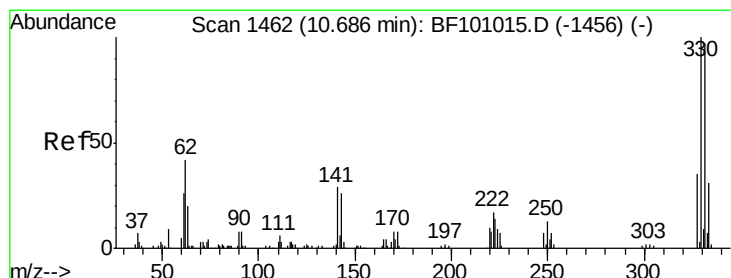
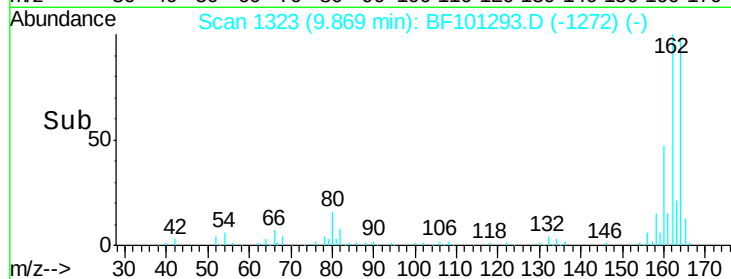
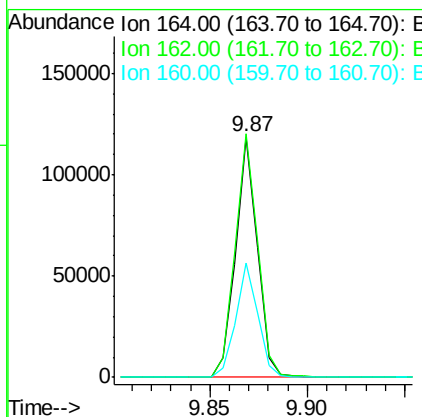
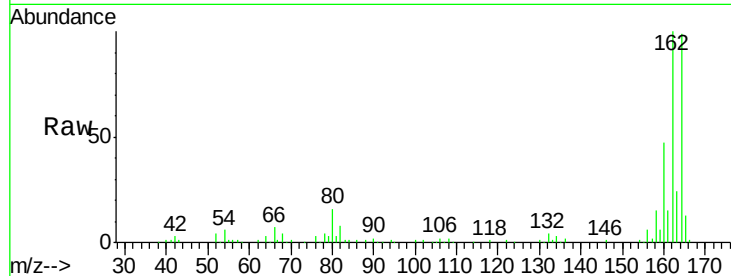
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PROS-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	47.6	38.3	57.5

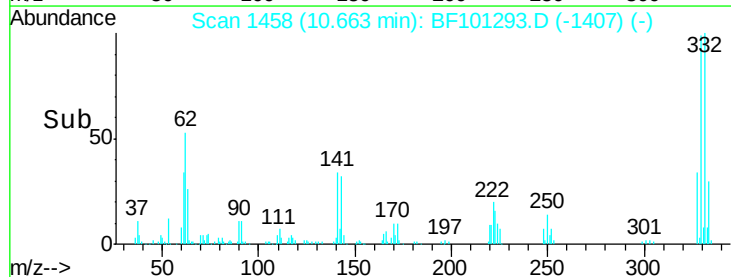
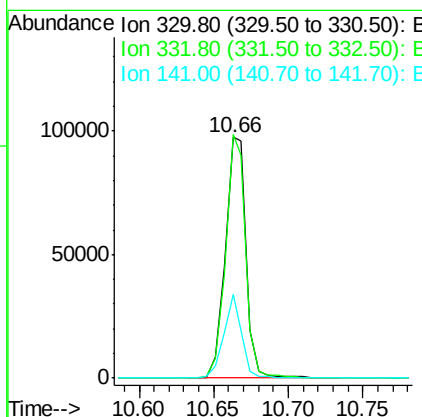
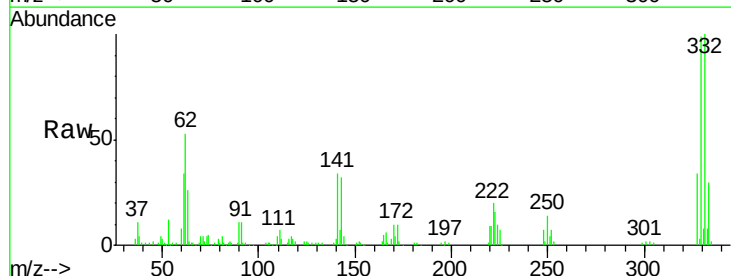
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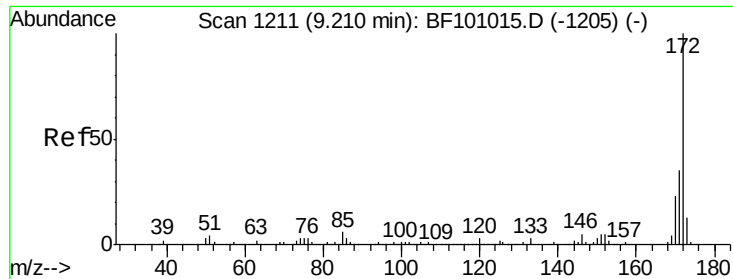
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#41
2,4,6-Tribromophenol
Concen: 86.768 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.8	29.9	44.9#





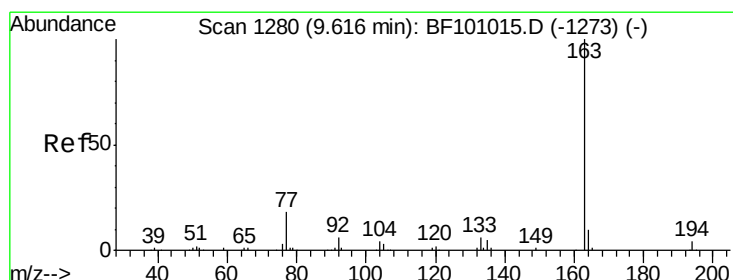
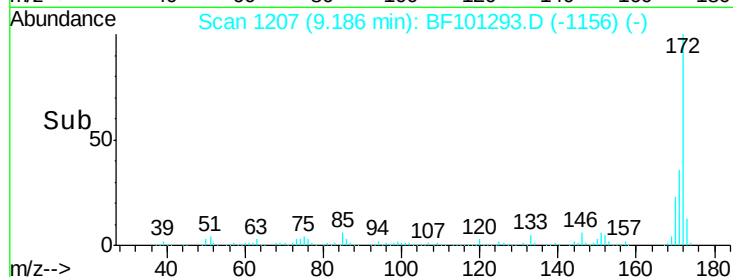
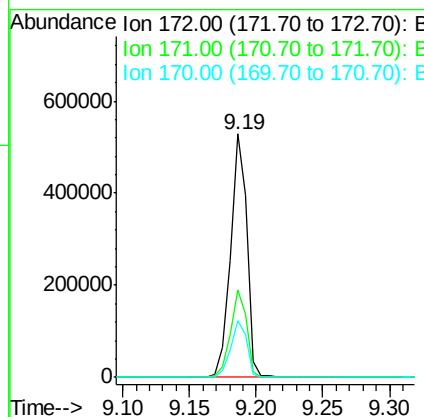
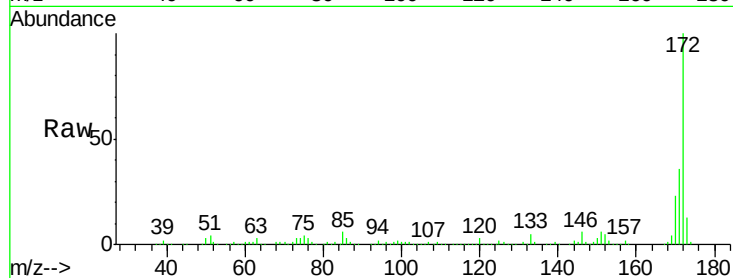
#44
2-Fluorobiphenyl
Concen: 67.816 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PROS-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.1	19.6	29.4

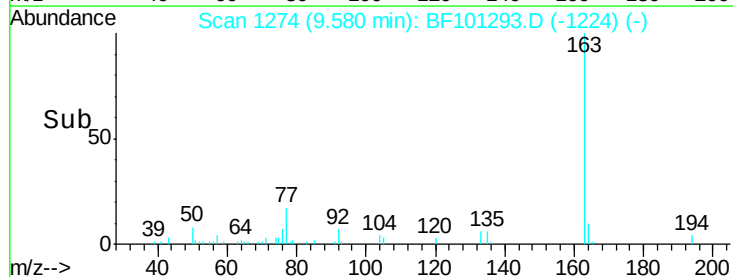
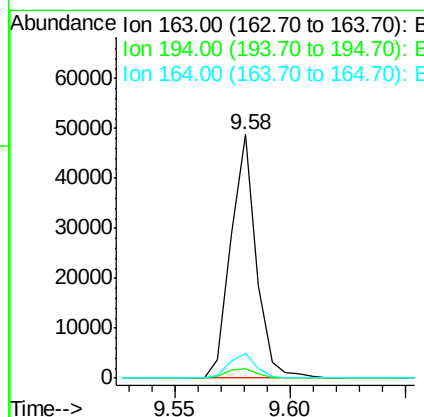
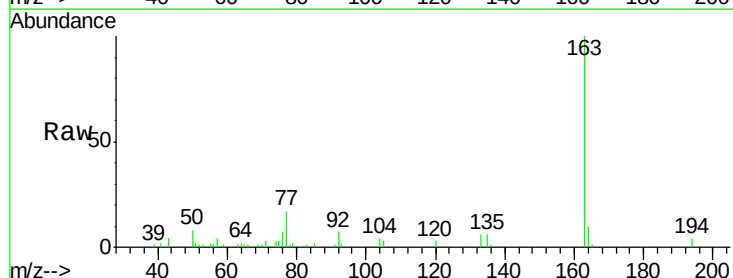
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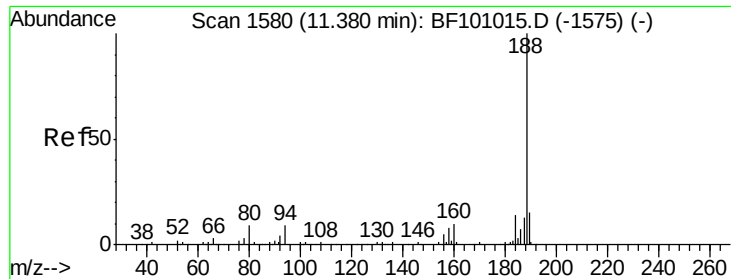
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#49
Dimethylphthalate
Concen: 4.986 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.2	8.2	12.2





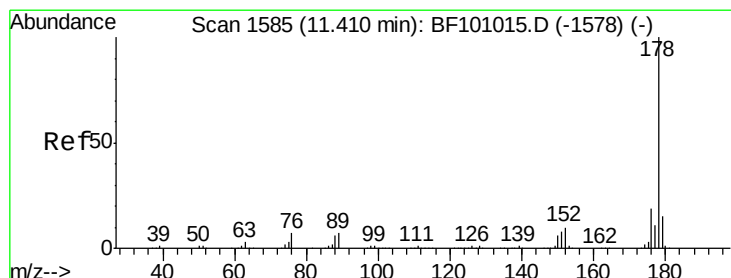
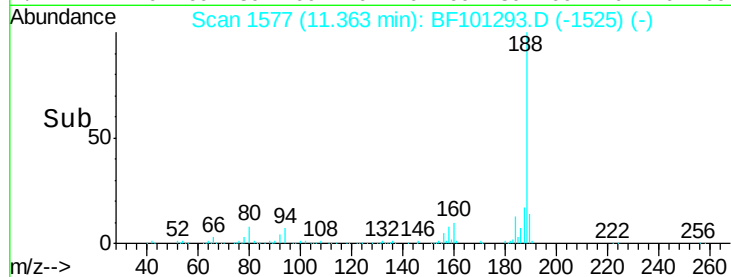
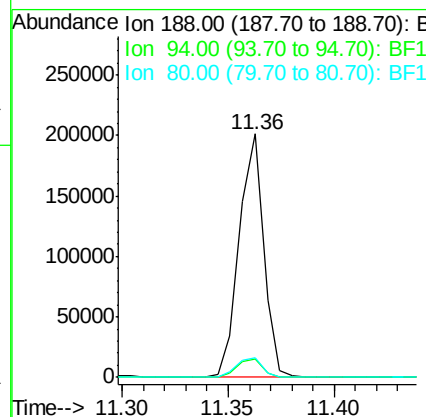
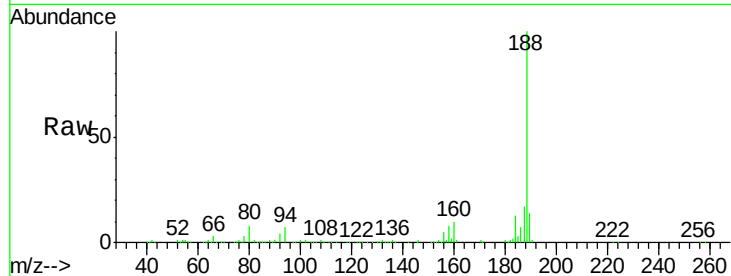
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PROS-2-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	160542		
94	7.4	8.5	12.7#	
80	8.2	9.2	13.8#	

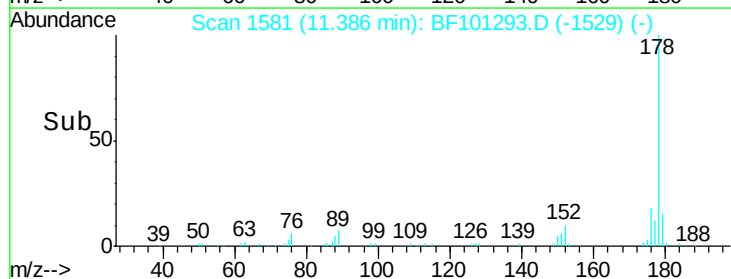
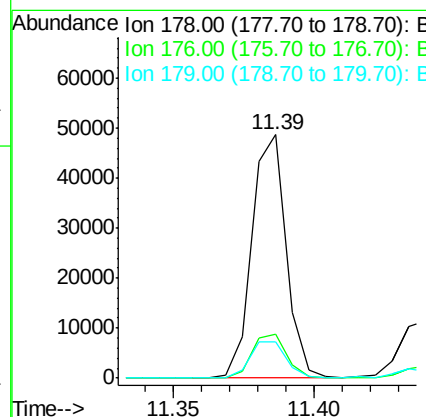
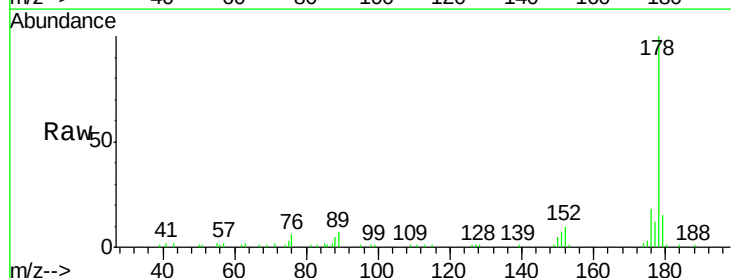
Manual Integrations
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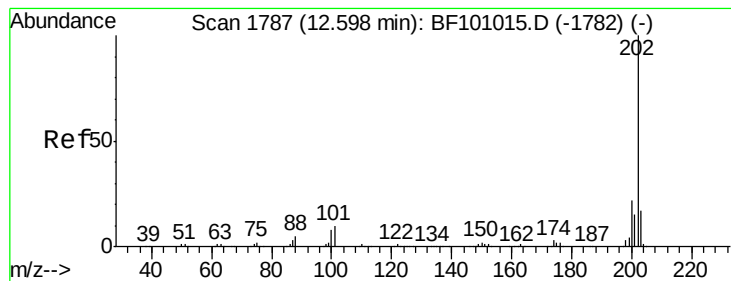
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#70
Phenanthrene
Concen: 4.641 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	41034		
176	18.0	15.8	23.8	
179	14.7	13.0	19.6	





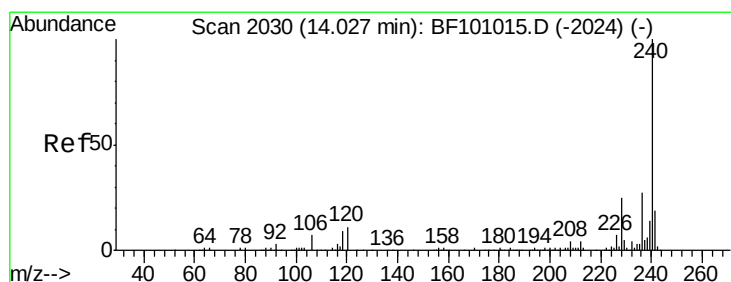
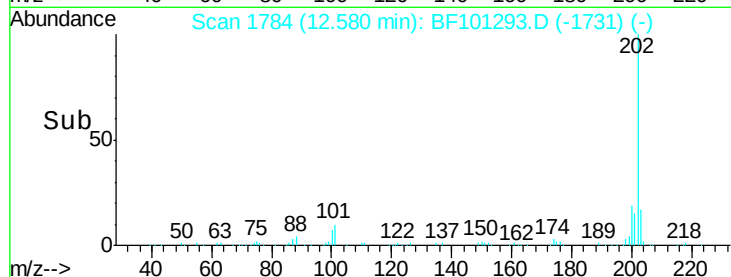
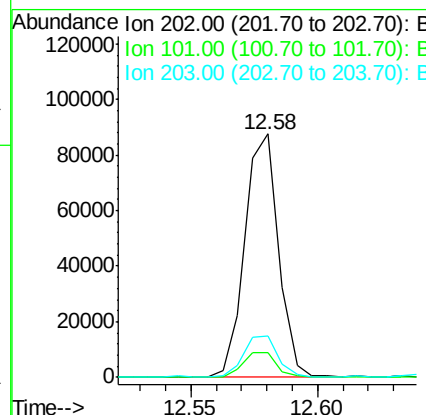
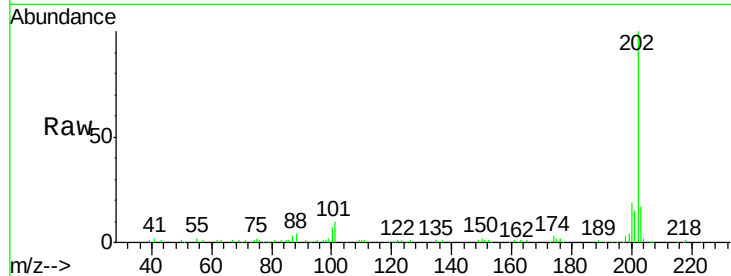
#74
 Fluoranthene
 Concen: 8.247 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF101293.D
 Acq: 11 Dec 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PROS-2-E(0-1)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	34.1
203	16.9	0.0	38.1

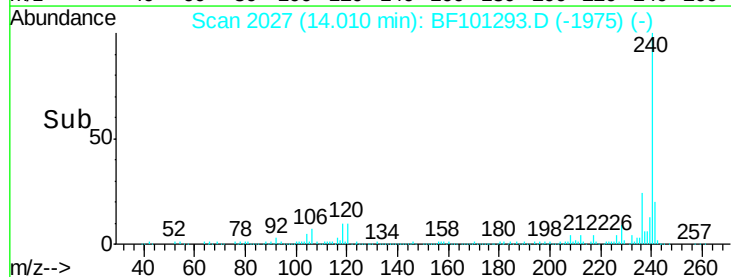
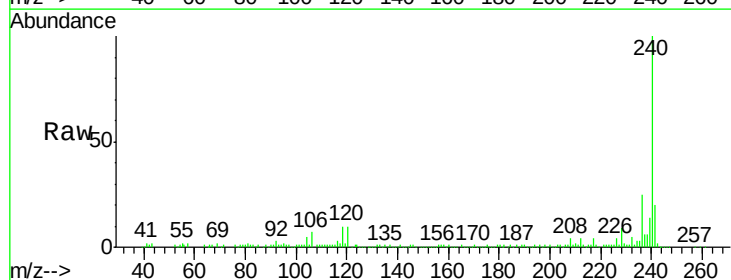
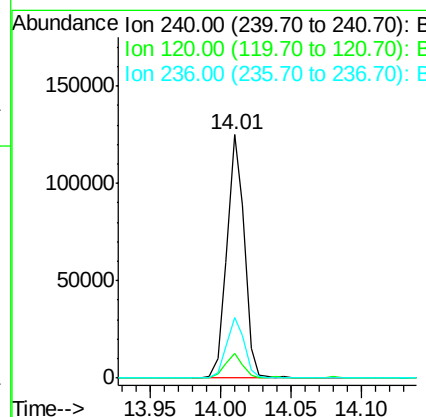
Manual Integrations
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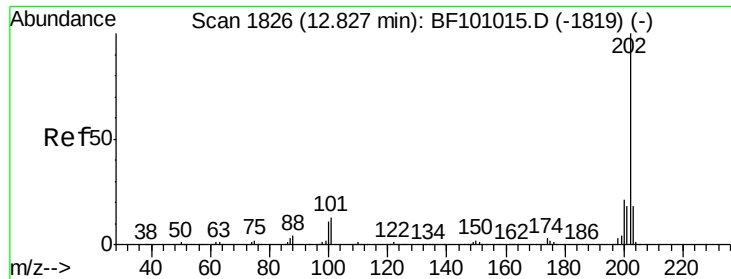
Sohil
 12/12/2017 3:59:08 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF101293.D
 Acq: 11 Dec 2017 16:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.0	9.5	14.3
236	24.7	20.7	31.1





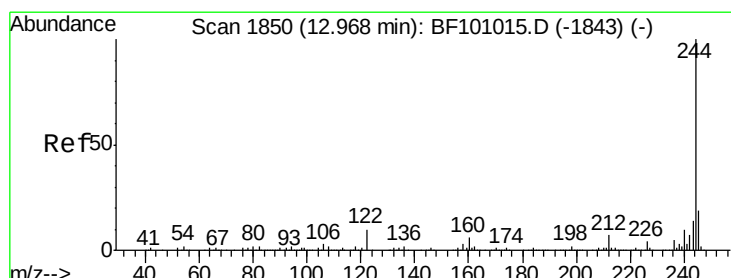
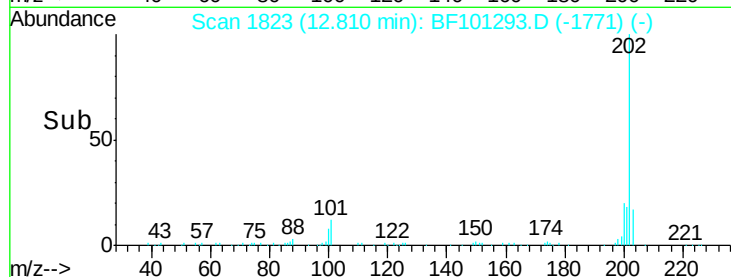
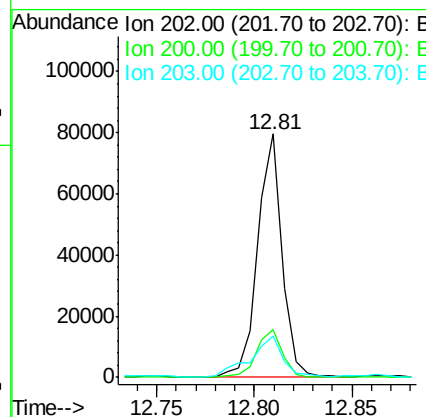
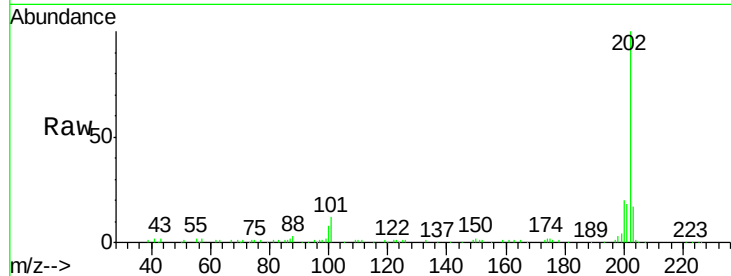
#77
Pvrene
Concen: 9.276 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PROS-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.4	26.2
203	17.0	14.3	21.5

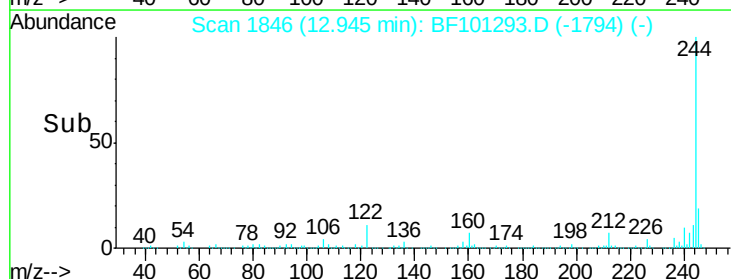
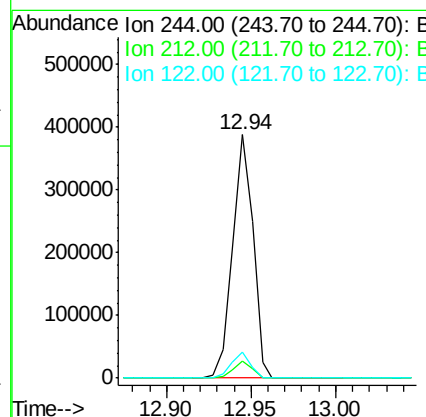
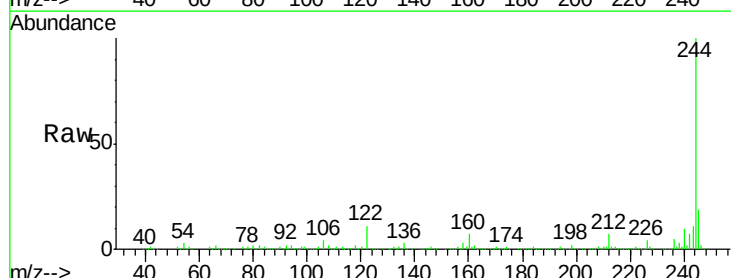
Manual Integrations
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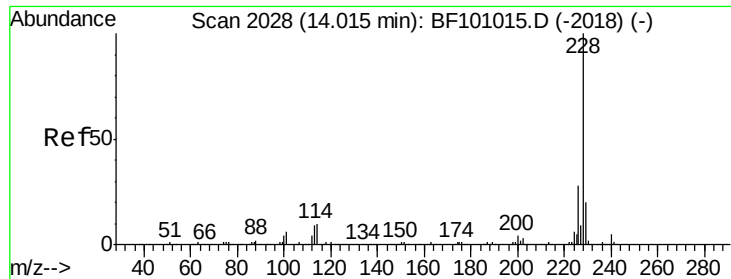
Sohil
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#78
Terphenyl-d14
Concen: 65.999 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.8	11.0	16.4





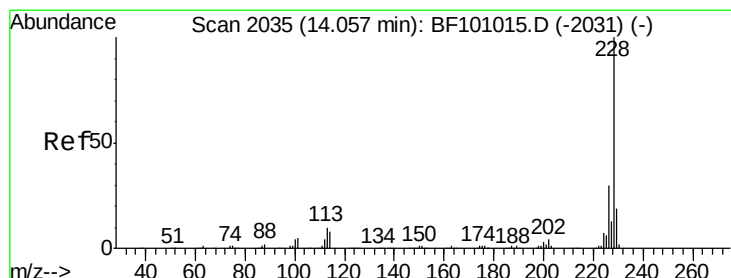
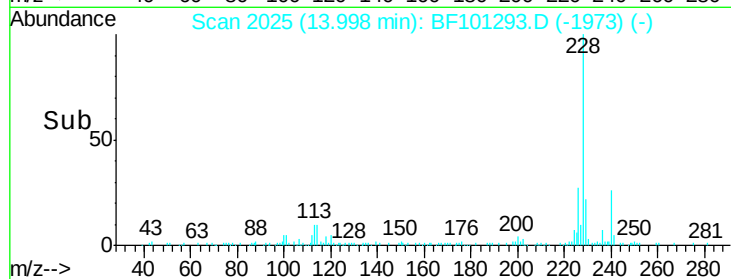
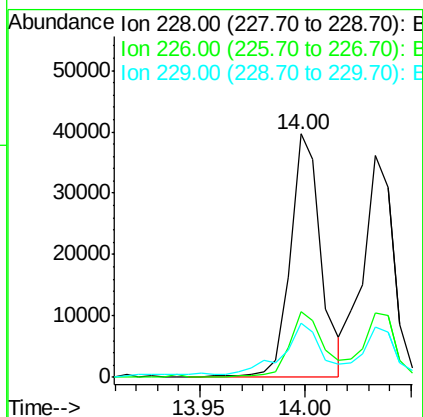
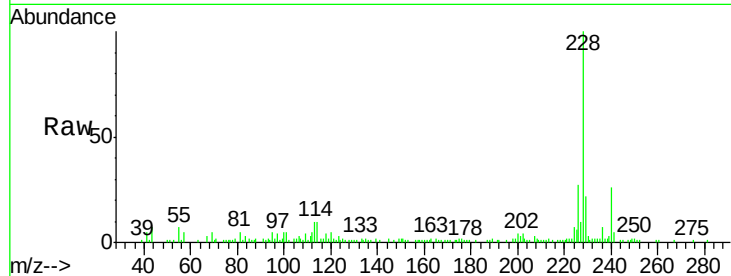
#80
Benzo(a)anthracene
Concen: 5.947 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PROS-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	22.1	15.8	23.6

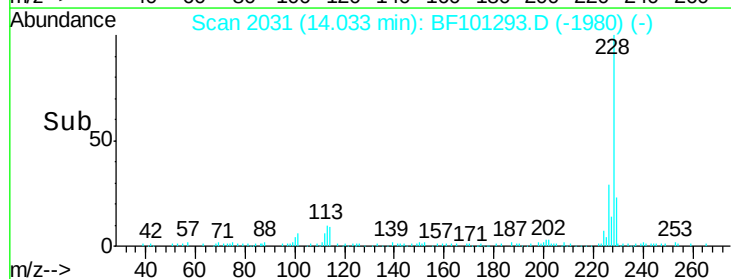
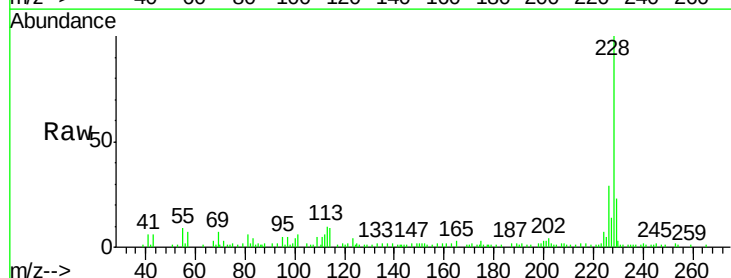
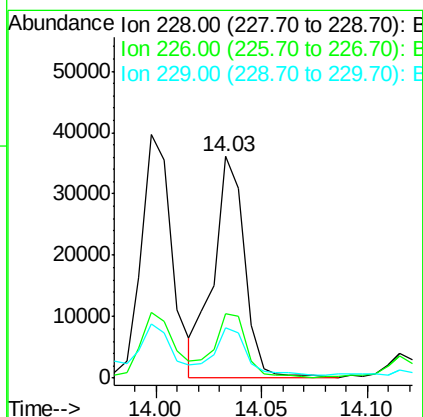
Manual Integrations
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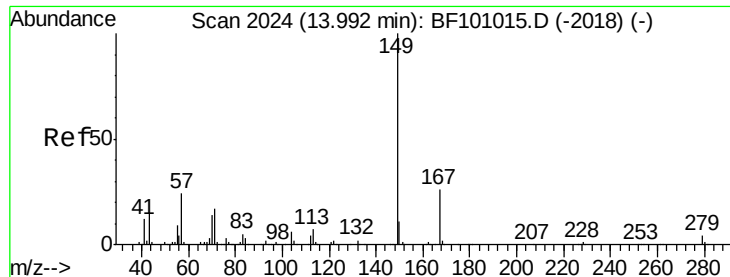
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#82
Chrysene
Concen: 5.899 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	22.6	16.2	24.4





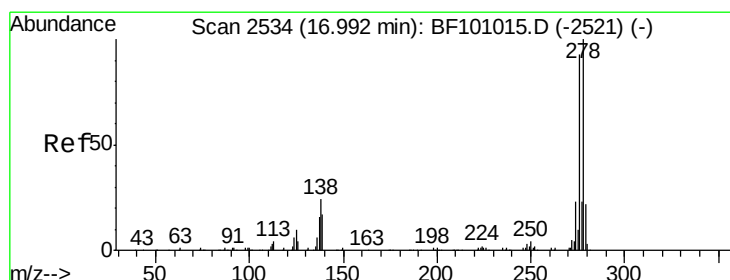
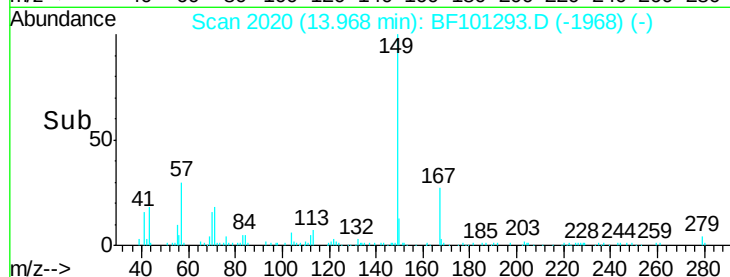
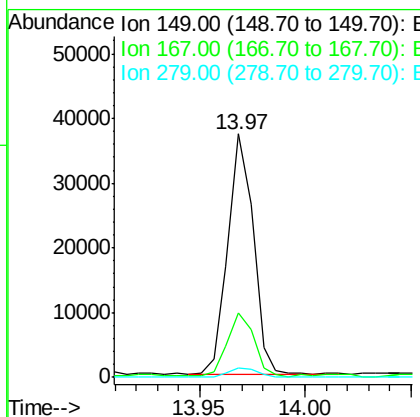
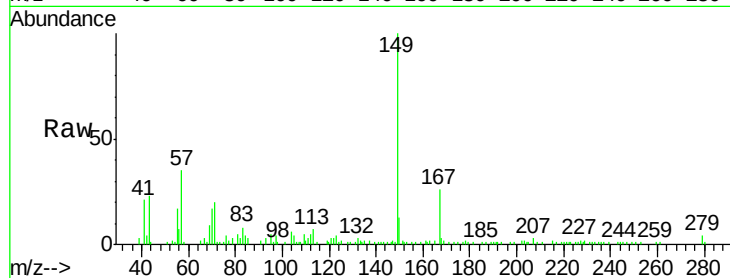
#83
Bis(2-ethylhexyl)phthalate
Concen: 6.639 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PROS-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.7	3.0	4.4

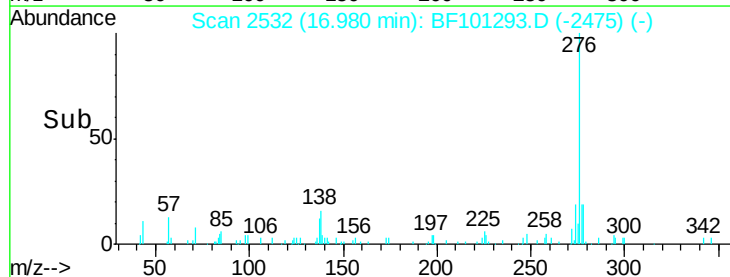
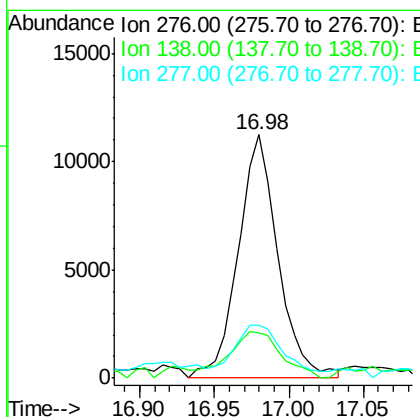
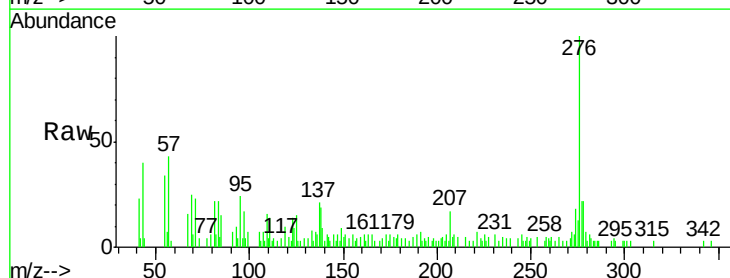
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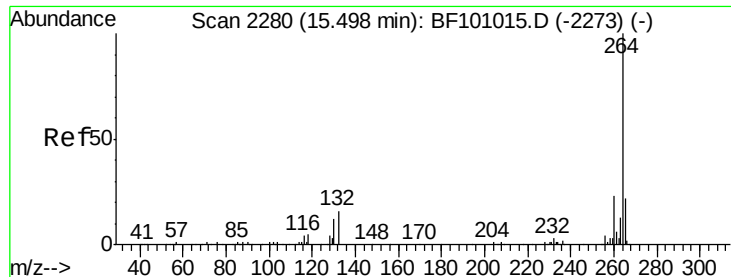
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.718 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.04 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.0	37.6
277	20.8	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.02 min

Lab File: BF101293.D

Acq: 11 Dec 2017 16:56

Instrument :

BNA_F

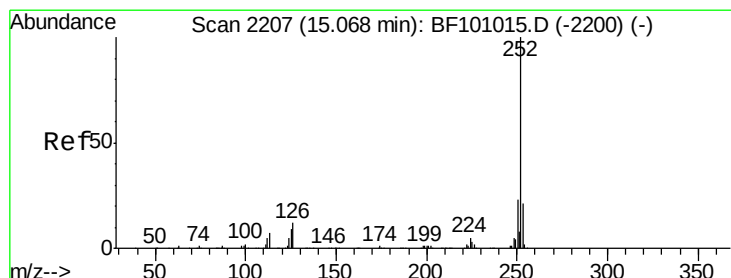
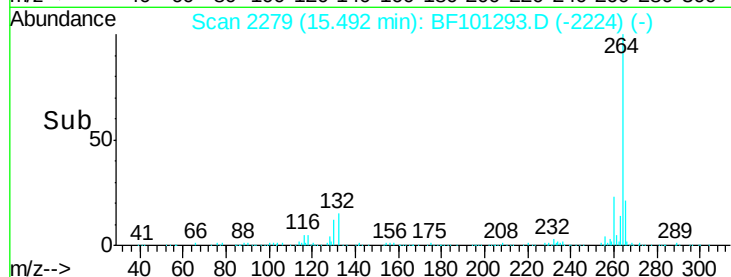
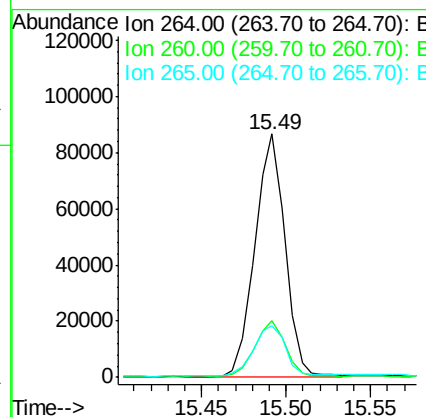
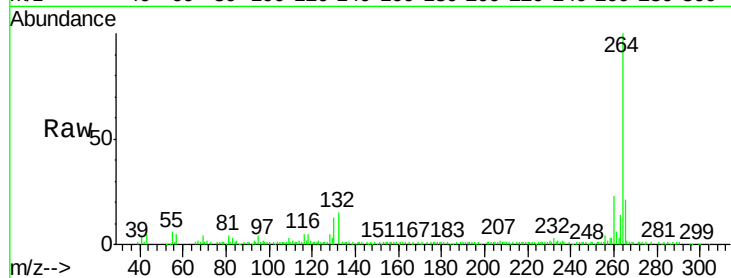
ClientSampleId :

PROS-2-E(0-1)

Tot Ion:	264	Resp:	108851
Ion Ratio		Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.1	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 7.495 ng m

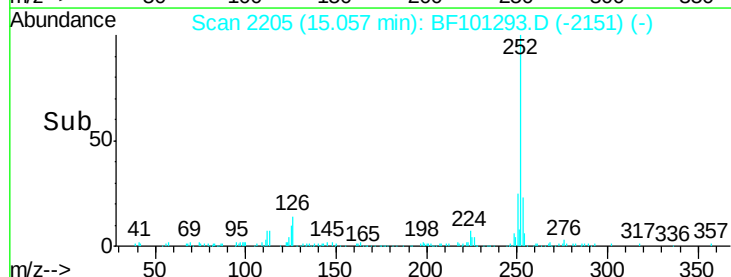
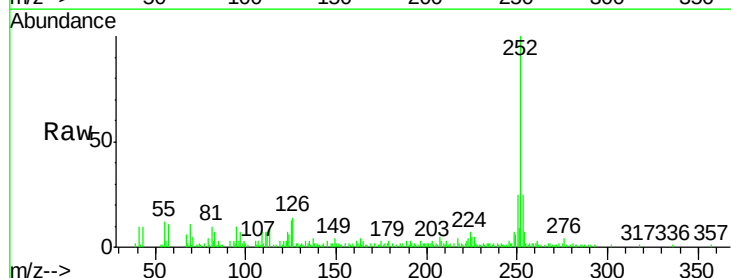
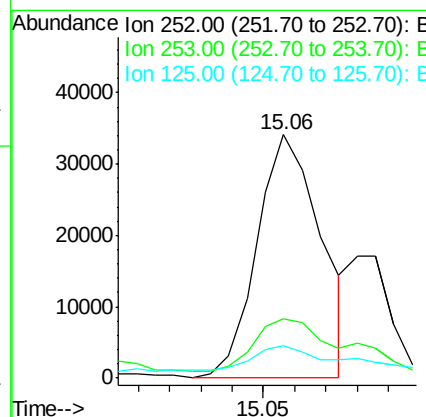
RT: 15.06 min Scan# 2205

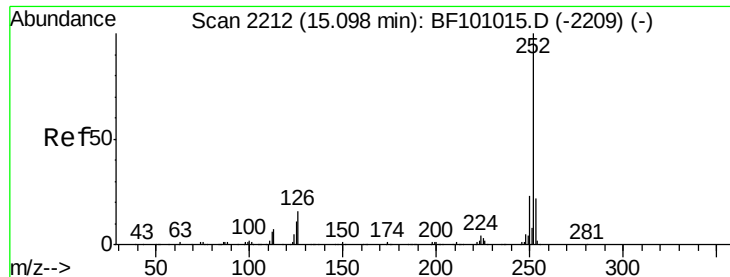
Delta R.T. 0.02 min

Lab File: BF101293.D

Acq: 11 Dec 2017 16:56

Tgt Ion:	252	Resp:	48866
Ion Ratio		Lower	Upper
252	100		
253	24.5	17.0	25.6
125	13.3	9.0	13.6





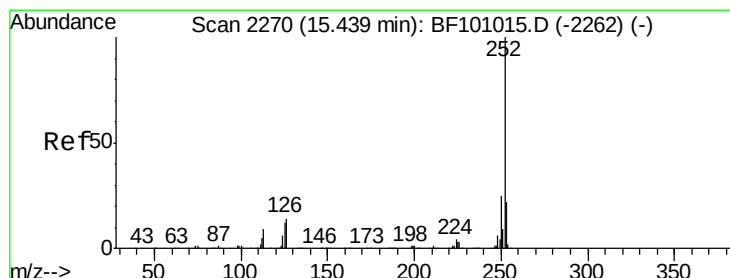
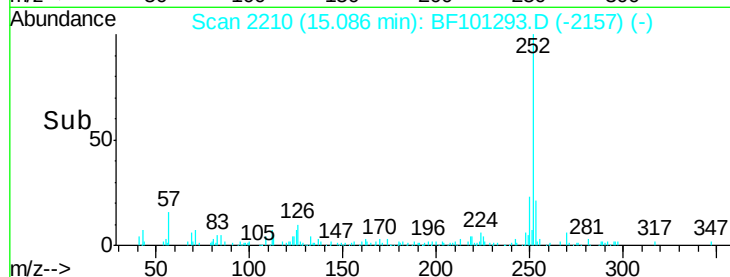
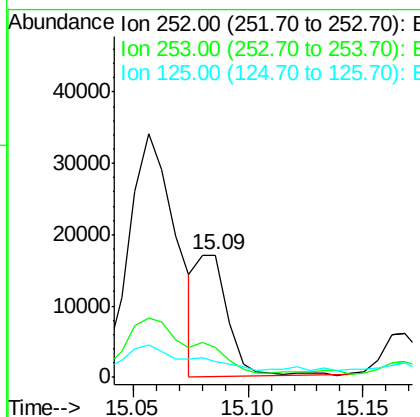
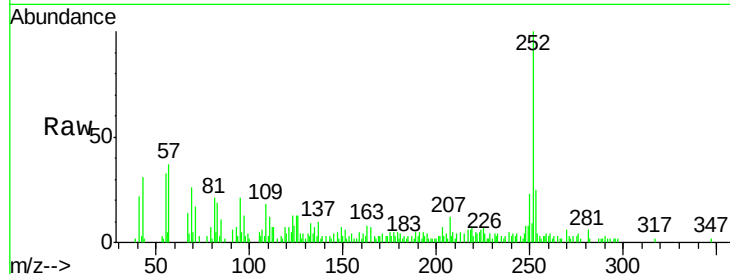
#88
Benzo(k)fluoranthene
Concen: 2.495 ng m
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PROS-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	13.2	10.2	15.2

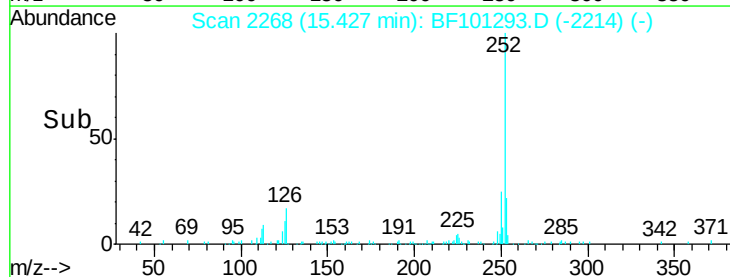
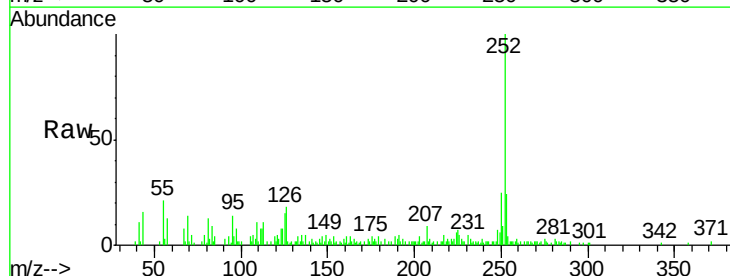
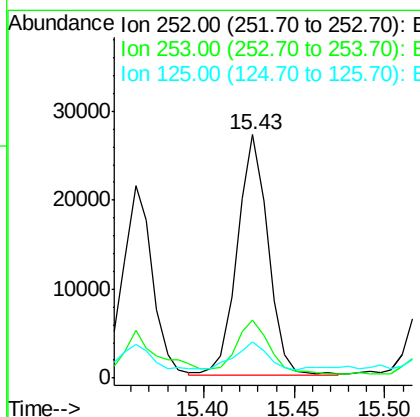
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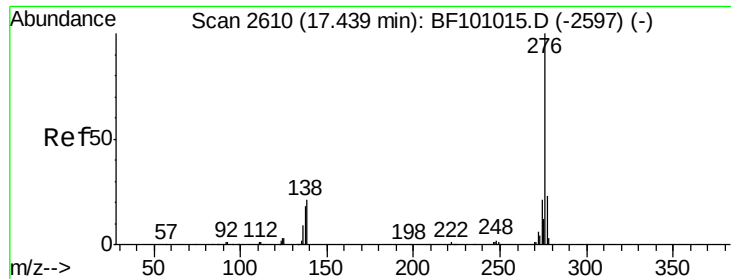
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#89
Benzo(a)pyrene
Concen: 5.350 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101293.D
Acq: 11 Dec 2017 16:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	14.7	9.8	14.6#





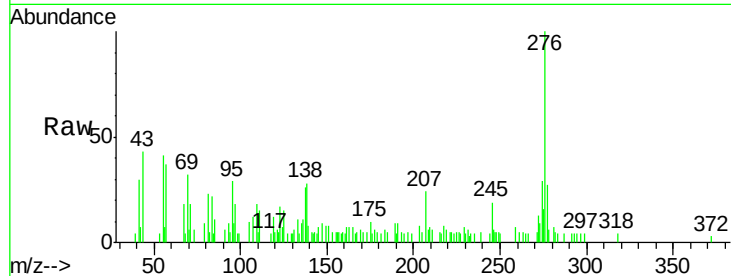
#91
 Benzo(a,h,i)perylene
 Concen: 3.980 ng/ml
 RT: 17.43 min Scan# 2609
 Delta R.T. 0.04 min
 Lab File: BF101293.D
 Acq: 11 Dec 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PROS-2-E(0-1)

Tot Ion:	276	Resp:	19599
Ion Ratio	Lower	Upper	
276	100		
277	26.8	17.9	26.9
138	27.8	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

