

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100103.D
 Acq On : 2 Nov 2017 23:33
 Operator : SJ/JU
 Sample : I6216-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-109-3(0-5)

Manual Integrations
 APPROVED

Sohil
 11/3/2017 11:20:30 AM

Quant Time: Nov 03 04:03:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	94678	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	377189	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	166800	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	263611	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	164228	20.00	ng	-0.03
86) Perylene-d12	15.41	264	165276	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	428924	71.12	ng	0.00
7) Phenol-d6	6.42	99	516563	72.24	ng	-0.01
23) Nitrobenzene-d5	7.34	82	281849	48.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	106135	69.82	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	526938	48.74	ng	-0.01
78) Terphenyl-d14	12.88	244	359534	47.84	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	20276	2.583	ng	81
49) Dimethylphthalate	9.52	163	113396	8.585	ng	100
70) Phenanthrene	11.32	178	42001	2.823	ng	98
74) Fluoranthene	12.52	202	230655	14.919	ng	97
77) Pyrene	12.74	202	222564	17.823	ng	98
80) Benzo(a)anthracene	13.94	228	117360	11.273	ng	99
82) Chrysene	13.97	228	82218	8.400	ng	97
85) Indeno(1,2,3-cd)pyrene	16.88	276	54543	6.070	ng	97
87) Benzo(b)fluoranthene	14.99	252	135809m	13.013	ng	
88) Benzo(k)fluoranthene	15.01	252	47667m	4.844	ng	
89) Benzo(a)pyrene	15.35	252	102236	10.905	ng	97
91) Benzo(a,h,i)perylene	17.33	276	47212	5.793	ng	92

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

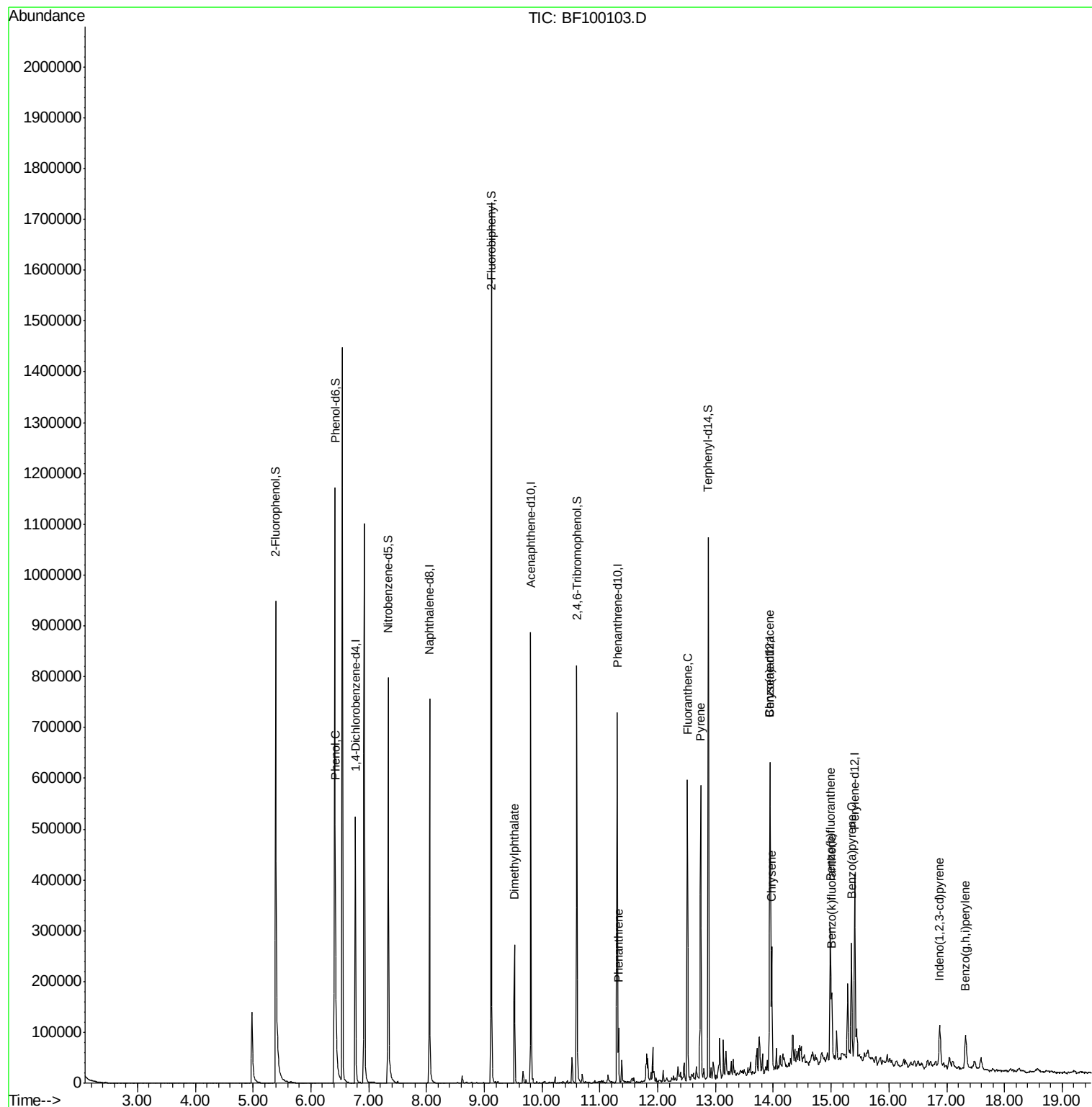
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100103.D
Acq On : 2 Nov 2017 23:33
Operator : SJ/JU
Sample : I6216-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

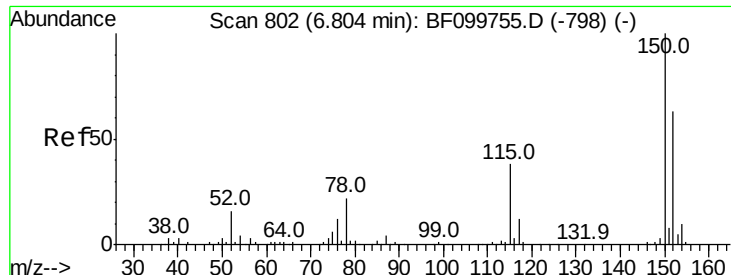
Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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#1

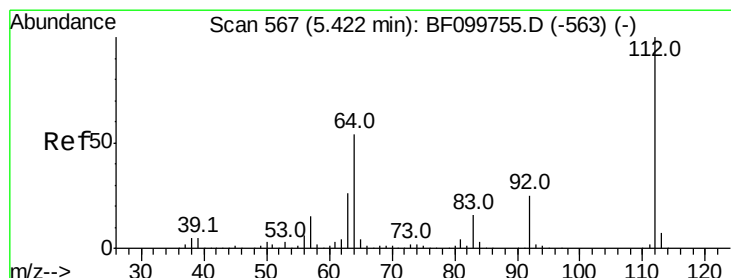
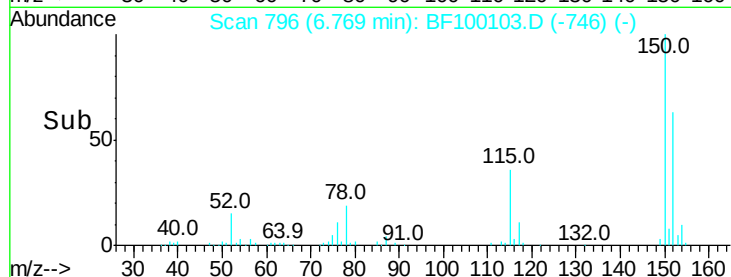
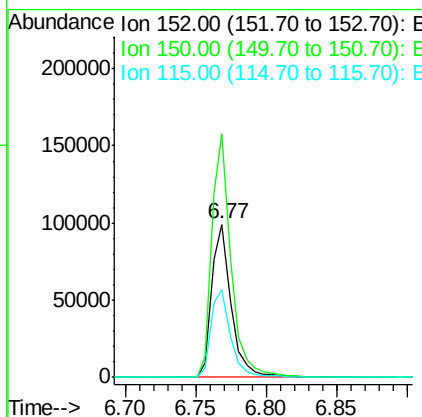
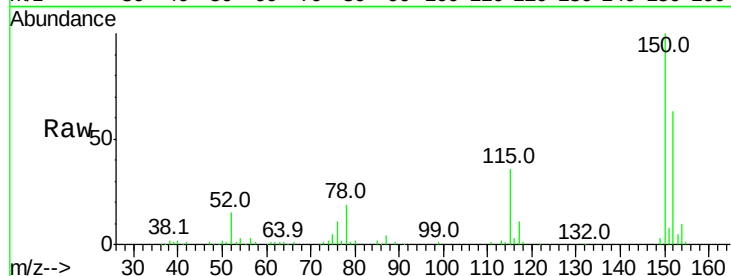
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	57.0	50.1	75.1

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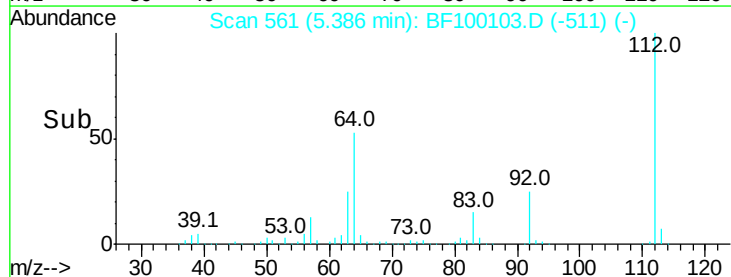
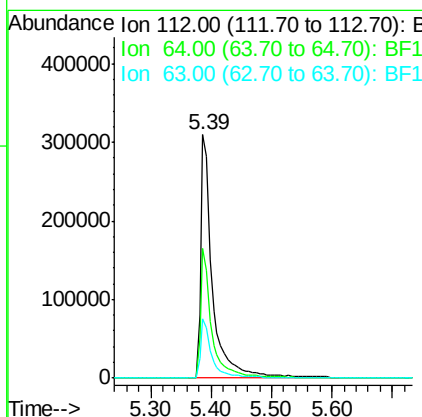
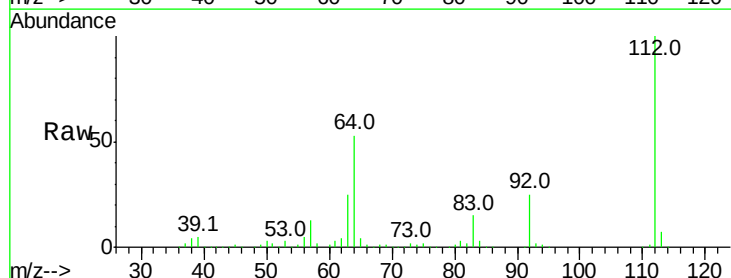
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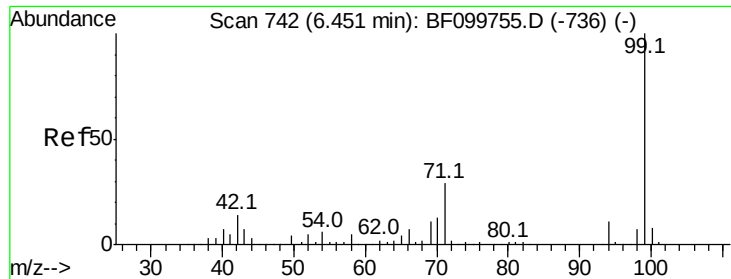


#5

2-Fluorophenol
Concen: 71.125 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	24.6	23.7	35.5





#7

Phenol-d6

Concen: 72.241 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100103.D

Acq: 2 Nov 2017 23:33

Instrument :

BNA_F

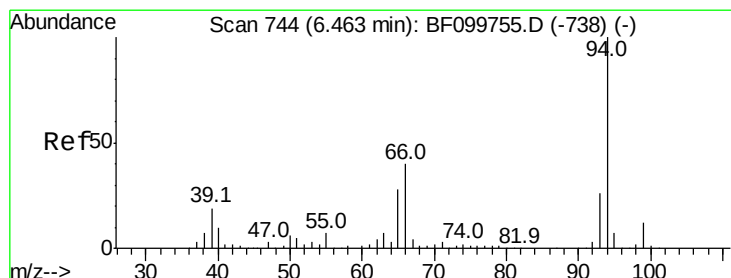
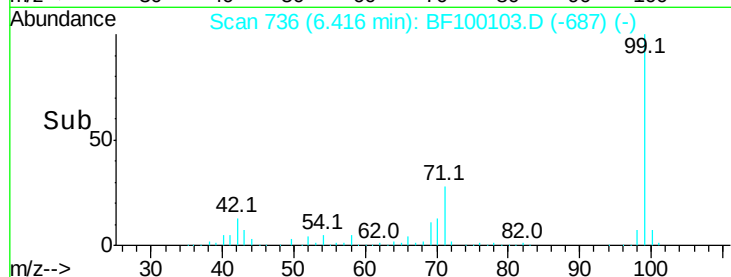
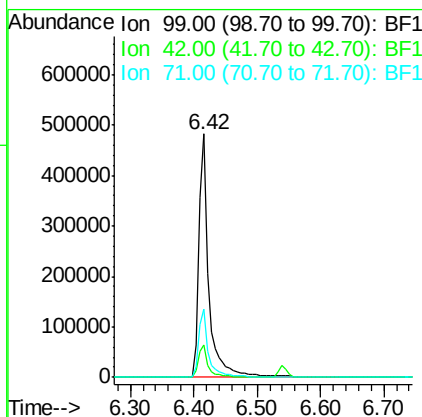
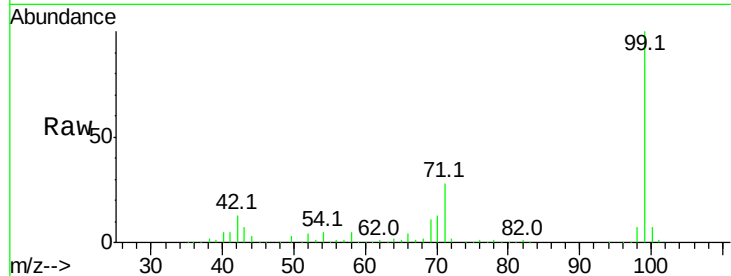
ClientSampleId :

EPE-109-3(0-5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		516563		
42	13.1	14.5	21.7#		
71	27.8	25.4	38.0		

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#10

Phenol

Concen: 2.583 ng

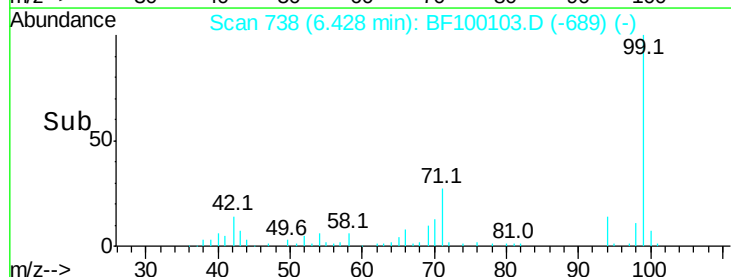
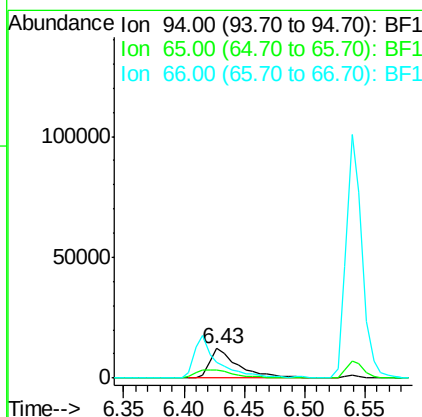
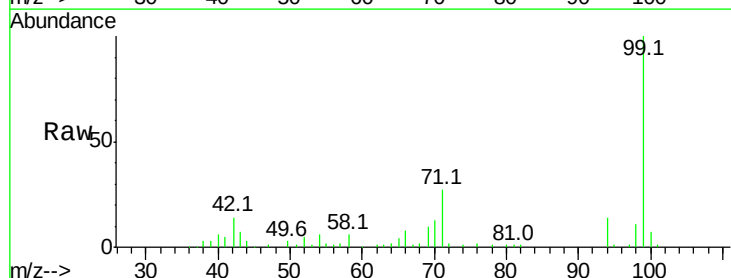
RT: 6.43 min Scan# 738

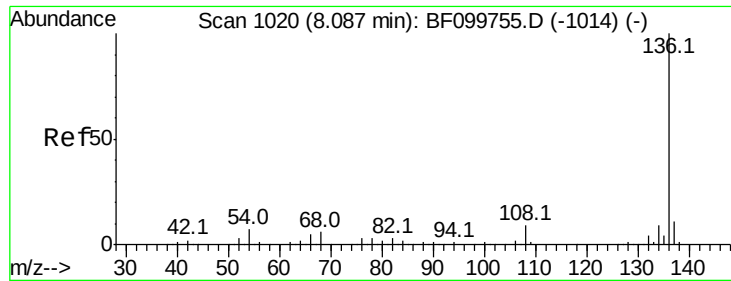
Delta R.T. -0.01 min

Lab File: BF100103.D

Acq: 2 Nov 2017 23:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		20276		
65	29.0	7.9	47.9		
66	55.0	16.2	56.2		





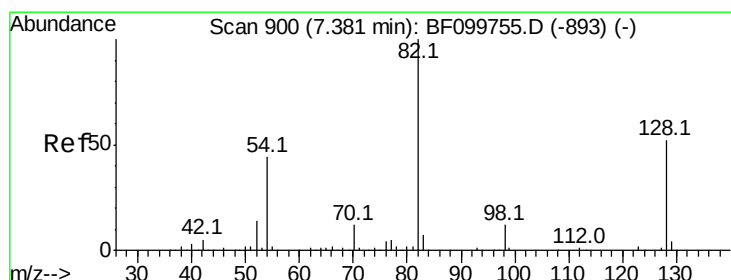
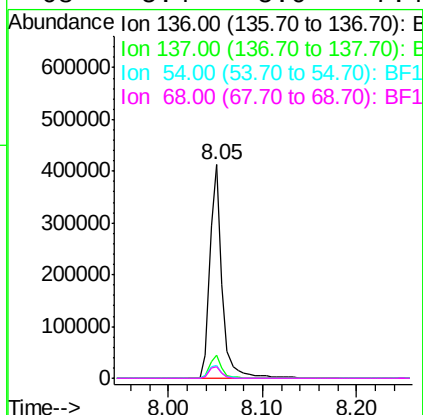
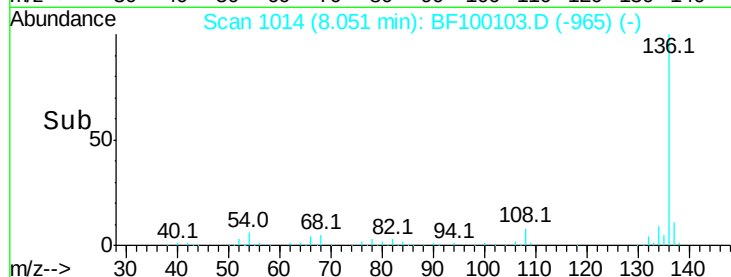
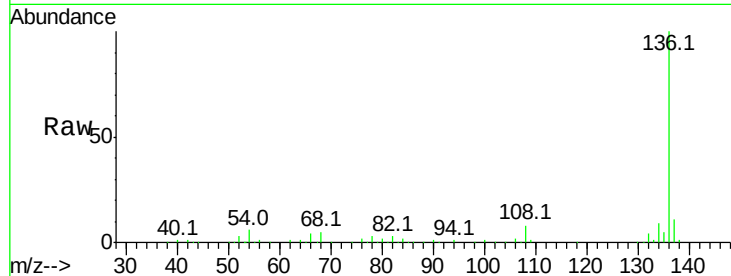
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	6.2	6.6	9.8	
68	5.4	5.0	7.4	

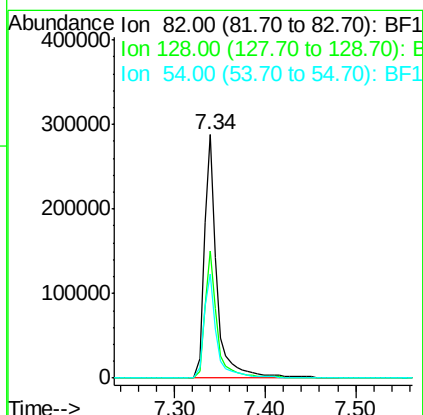
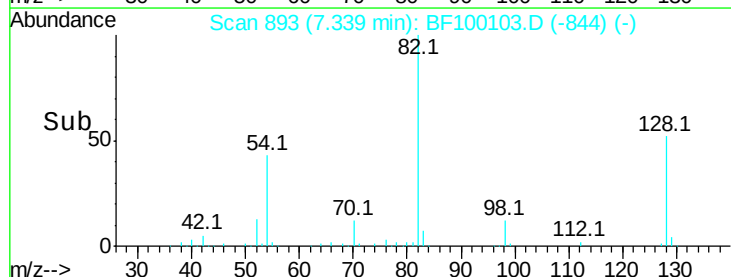
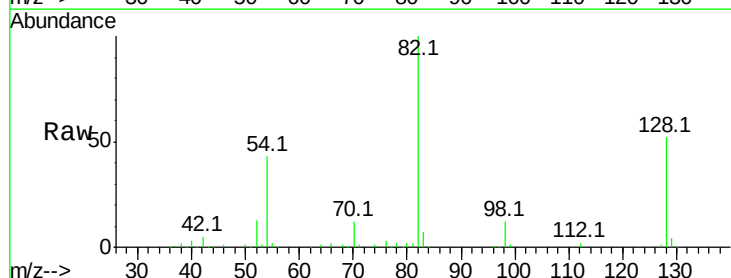
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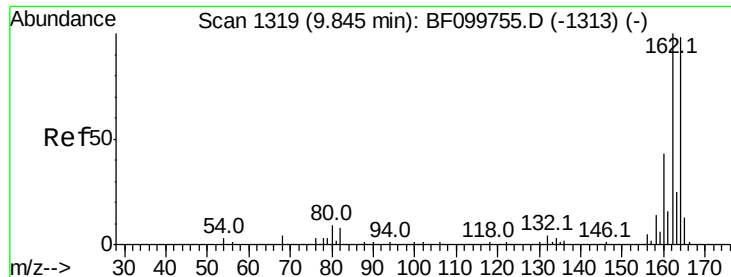
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#23
Nitrobenzene-d5
Concen: 48.107 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.1	36.1	54.1	
54	42.7	41.4	62.2	





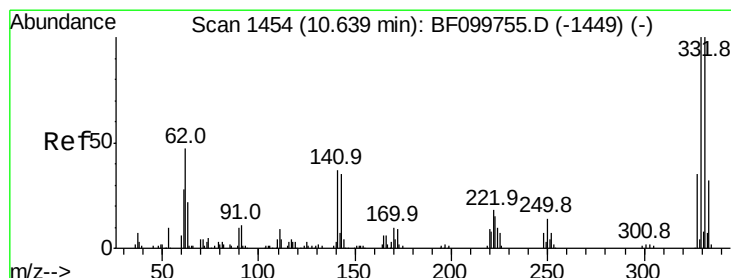
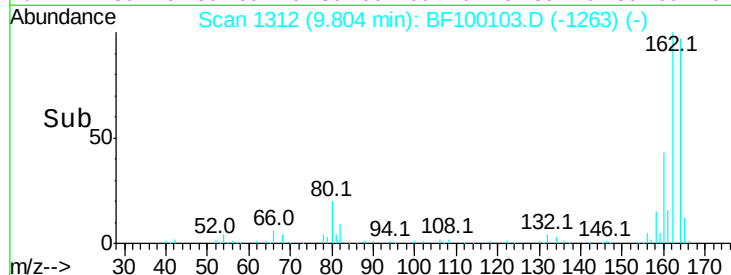
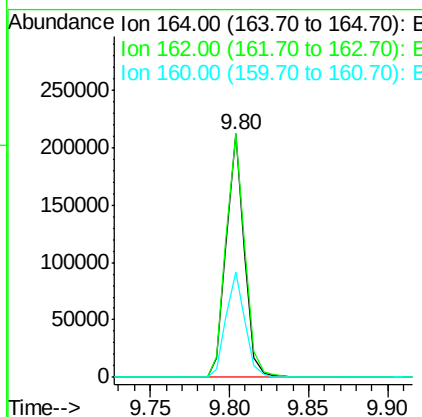
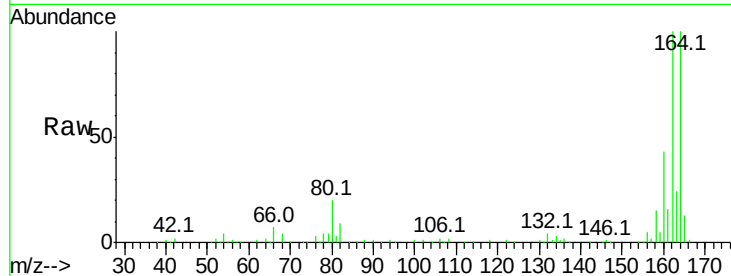
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	86.1	129.1
160	43.3	38.3	57.5

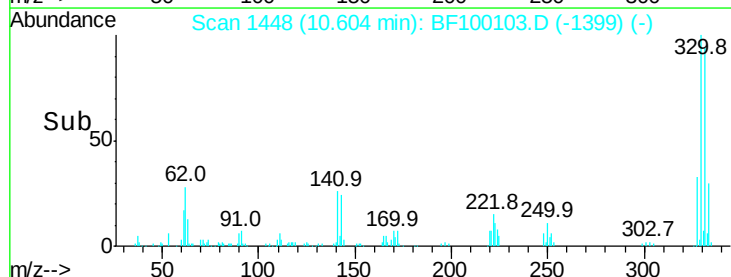
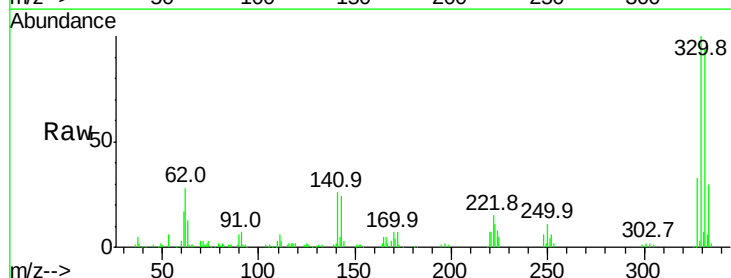
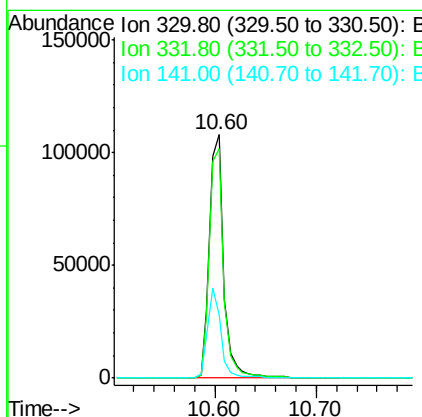
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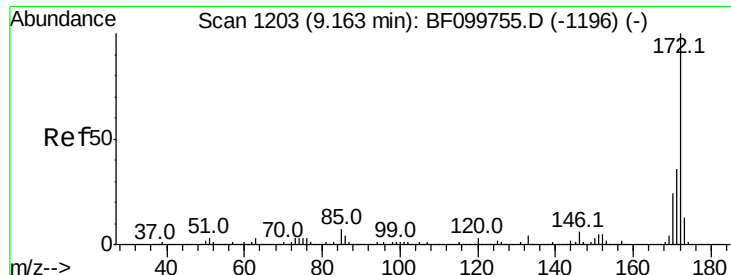
Sohil
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#41
2,4,6-Tribromophenol
Concen: 69.822 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	34.5	29.9	44.9





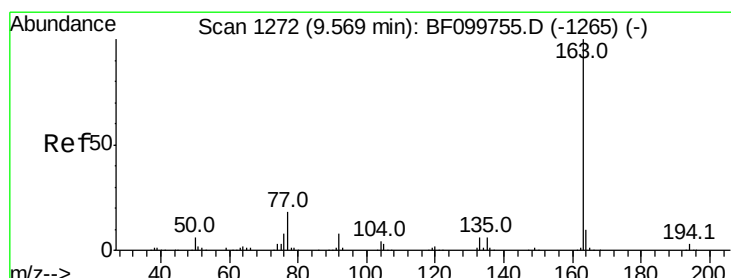
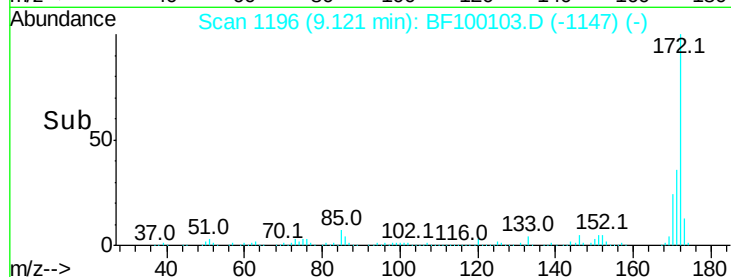
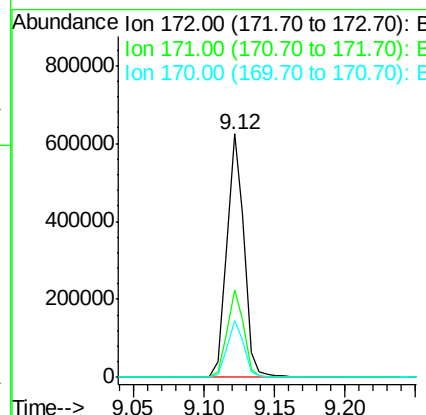
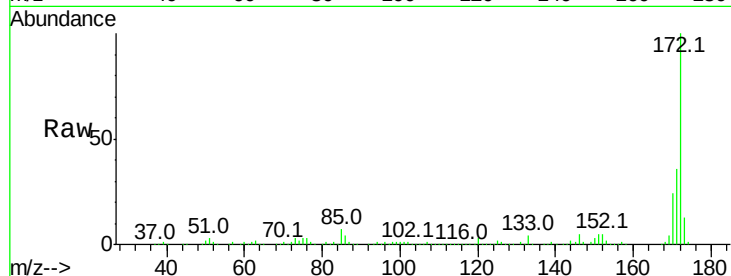
#44
2-Fluorobiphenyl
Concen: 48.740 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	526938		
171	36.0		29.7	44.5
170	23.6		19.6	29.4

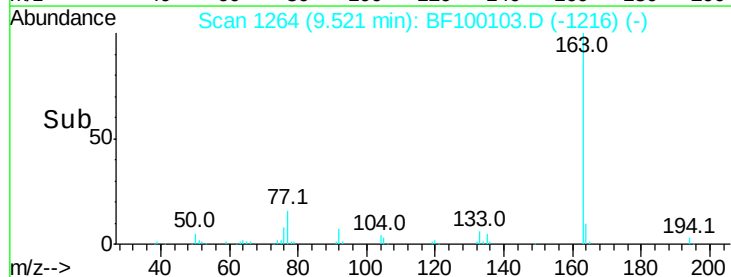
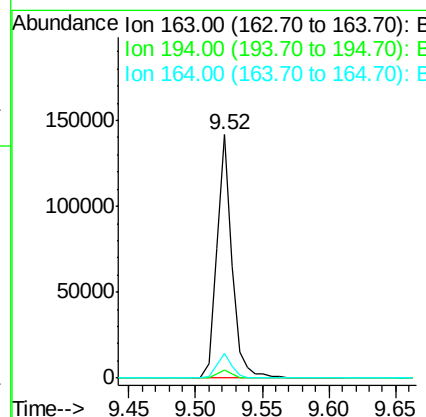
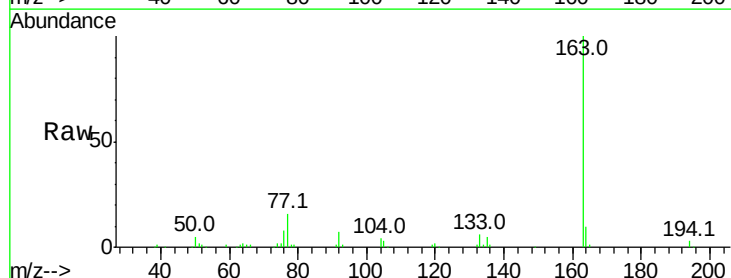
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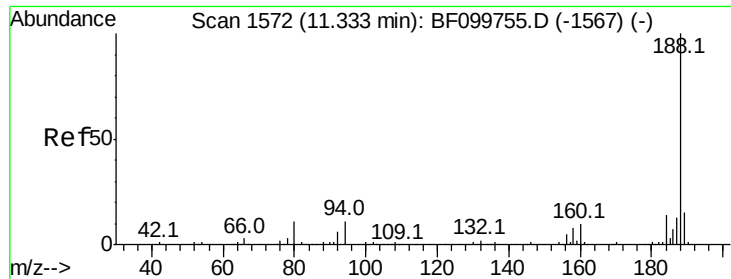
Sohil
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#49
Dimethylphthalate
Concen: 8.585 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	113396		
194	3.4		2.7	4.1
164	10.0		8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF100103.D

Acq: 2 Nov 2017 23:33

Instrument :

BNA_F

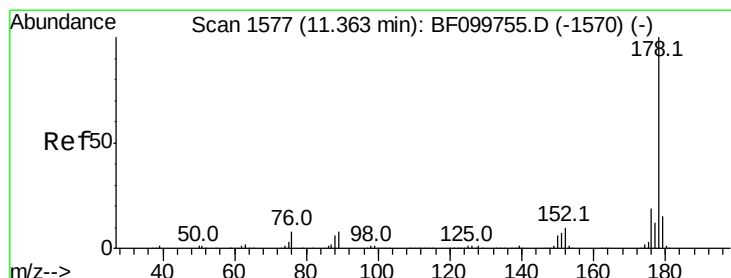
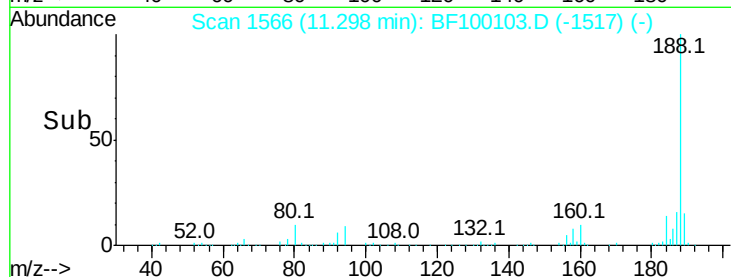
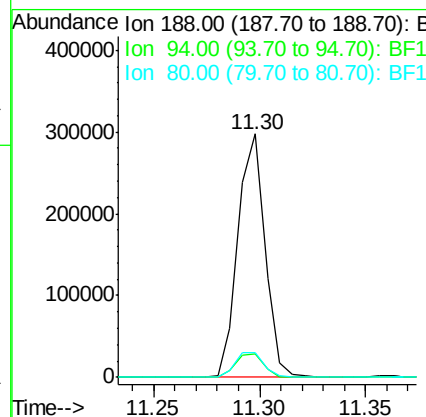
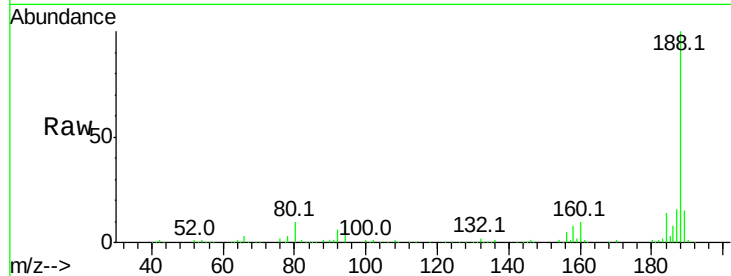
ClientSampleId :

EPE-109-3(0-5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.2	9.2	13.8

Manual Integrations
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#70

Phenanthrene

Concen: 2.823 ng

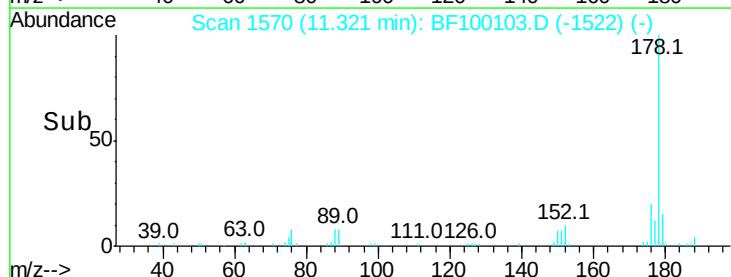
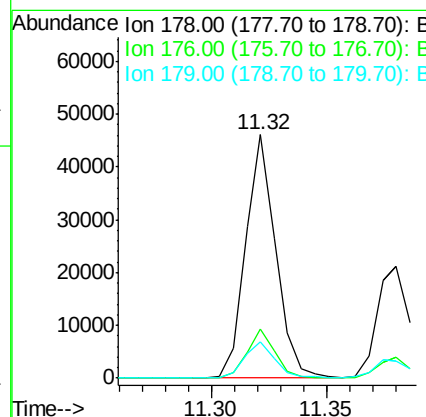
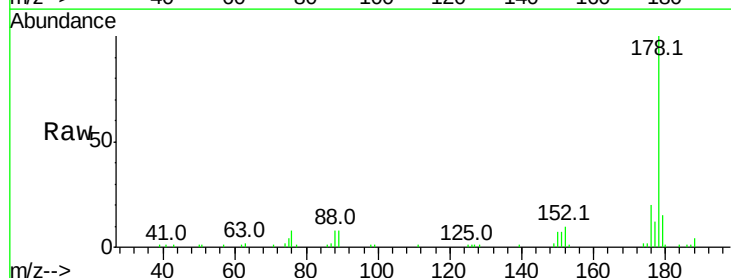
RT: 11.32 min Scan# 1570

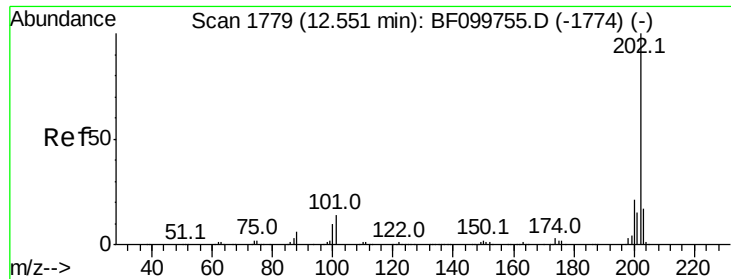
Delta R.T. -0.02 min

Lab File: BF100103.D

Acq: 2 Nov 2017 23:33

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.2	15.8	23.8
179	14.8	13.0	19.6





#74

Fluoranthene

Concen: 14.919 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF100103.D

Acq: 2 Nov 2017 23:33

Instrument :

BNA_F

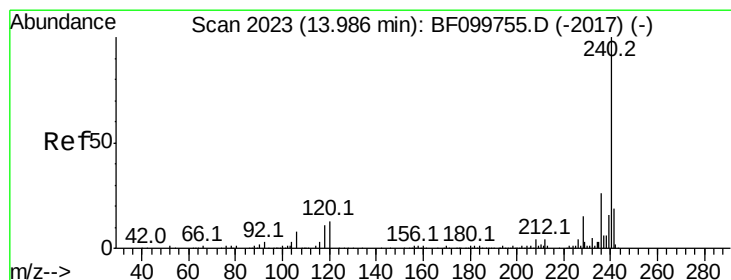
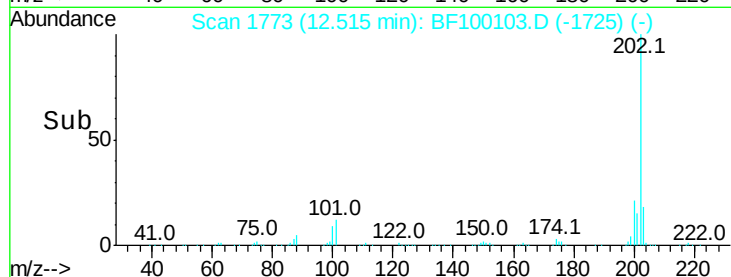
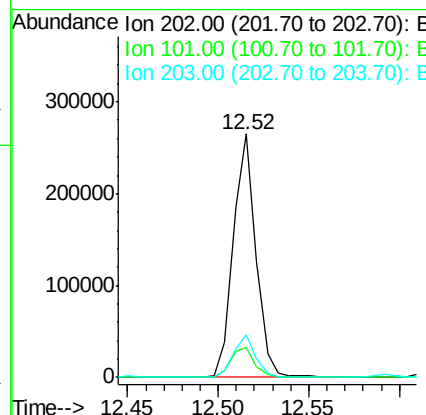
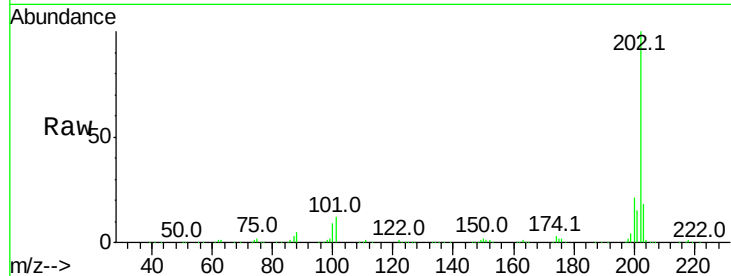
ClientSampleId :

EPE-109-3(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	230655		
101	12.1	0.0	34.1	
203	17.7	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

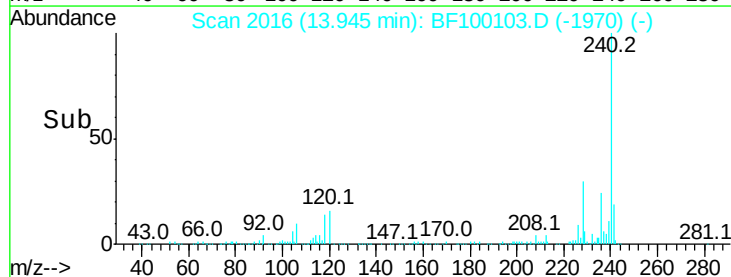
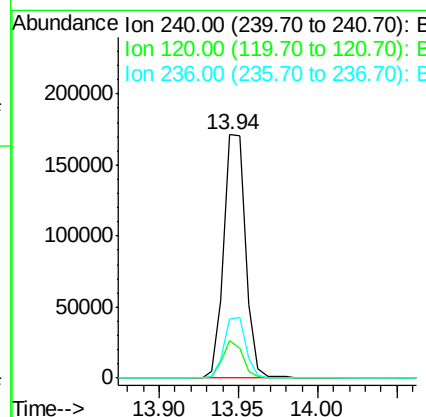
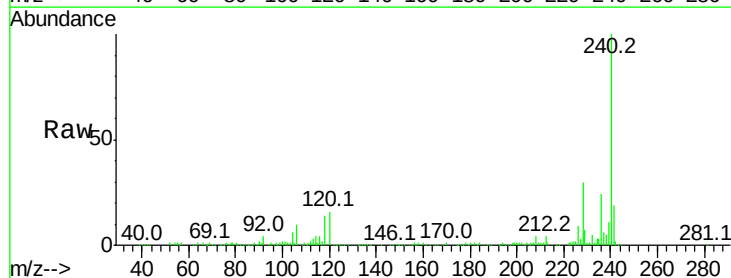
RT: 13.94 min Scan# 2016

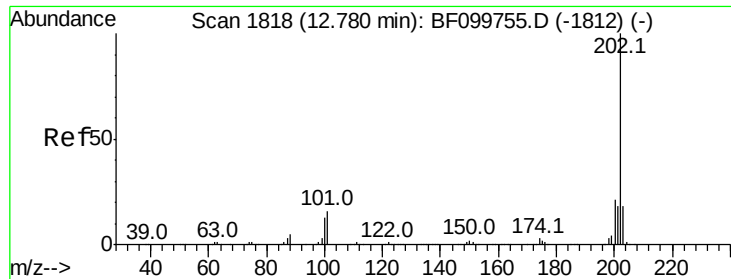
Delta R.T. -0.03 min

Lab File: BF100103.D

Acq: 2 Nov 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	164228		
120	15.6	9.5	14.3#	
236	24.2	20.7	31.1	





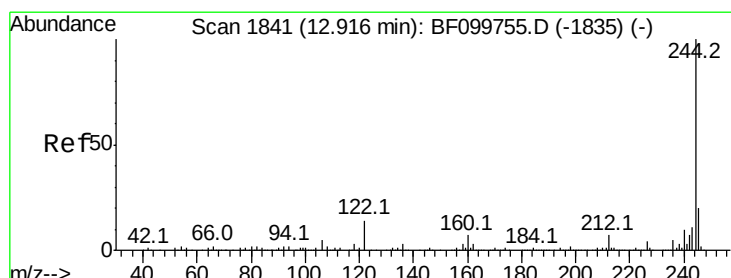
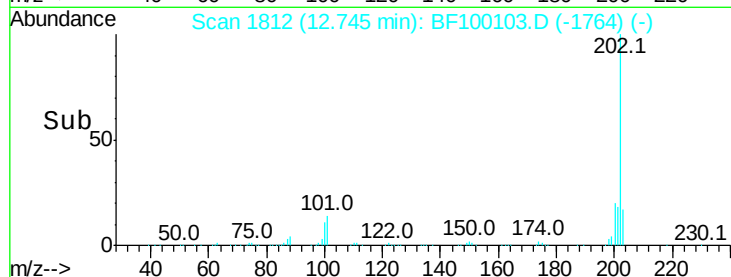
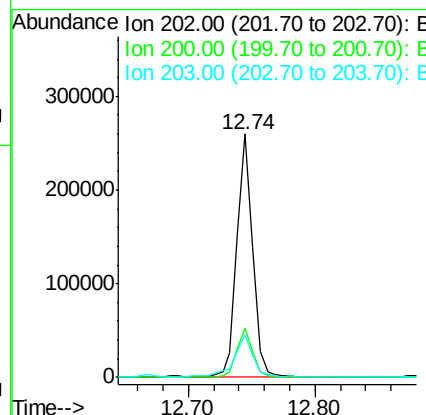
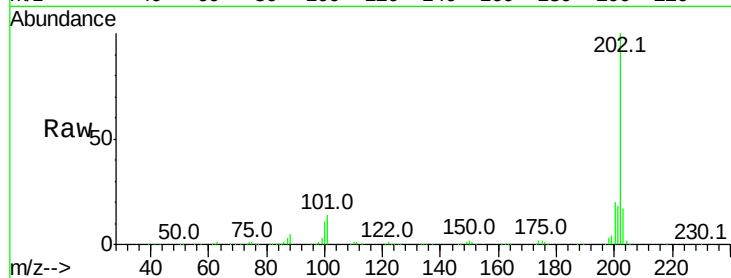
#77
Pvrene
Concen: 17.823 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.4	14.3	21.5

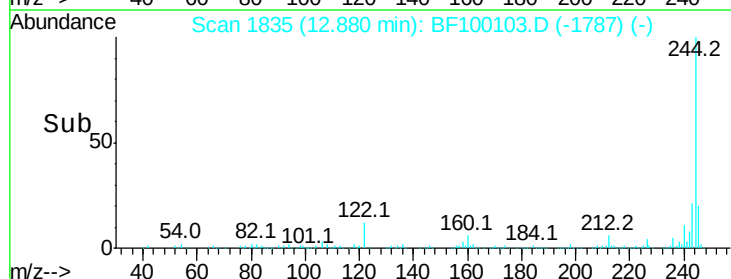
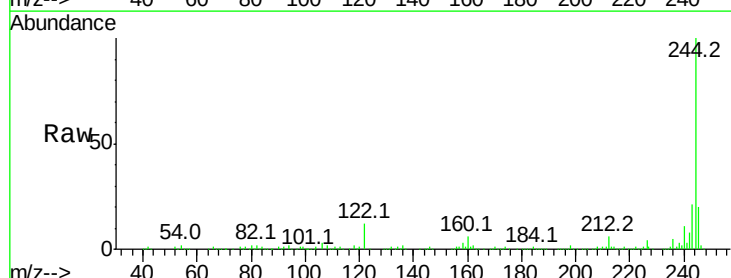
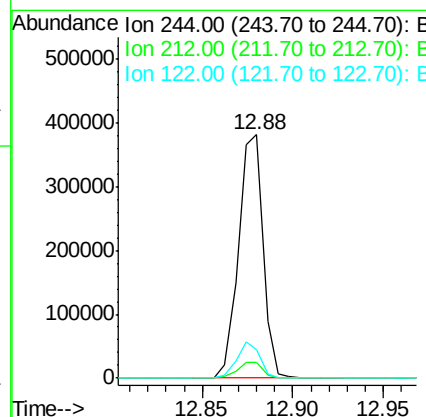
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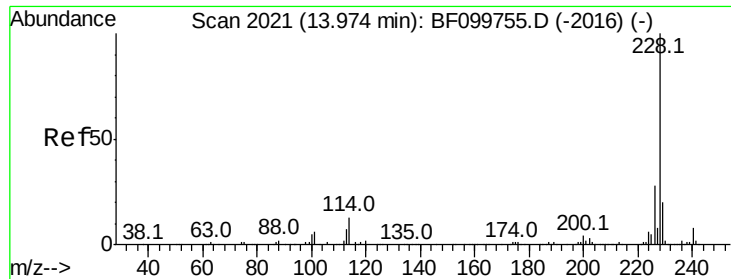
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#78
Terphenyl-d14
Concen: 47.843 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.9	11.0	16.4





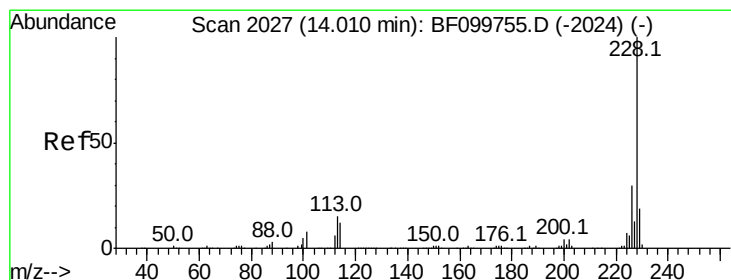
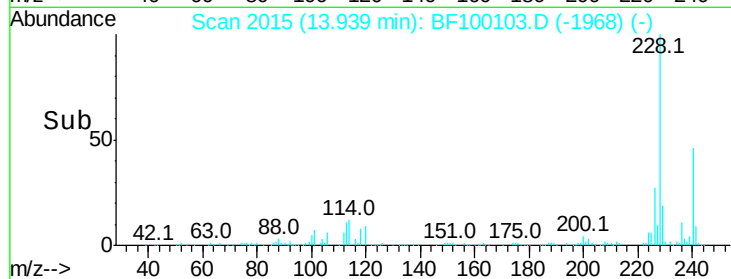
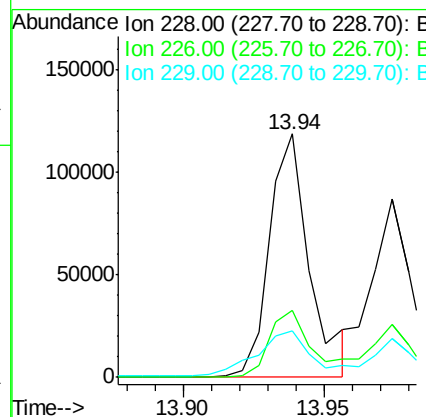
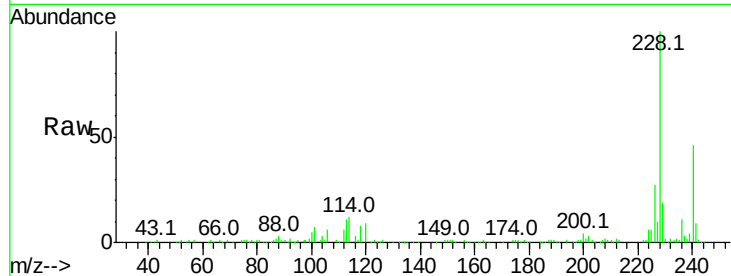
#80
Benzo(a)anthracene
Concen: 11.273 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.3	15.8	23.6

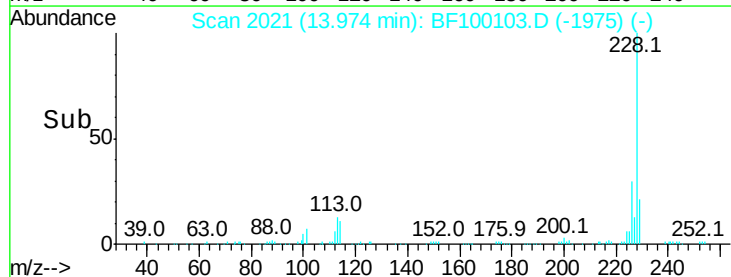
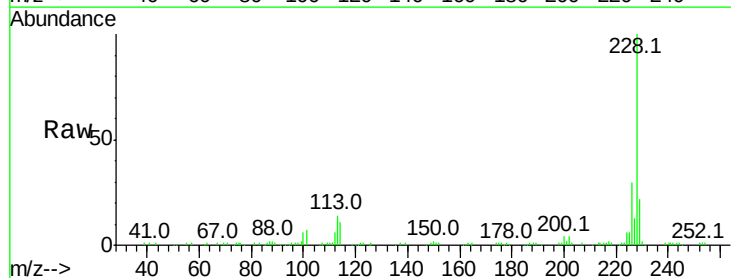
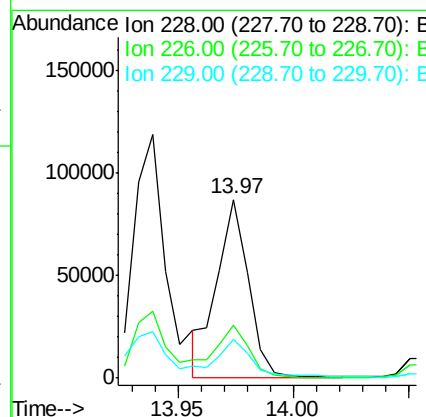
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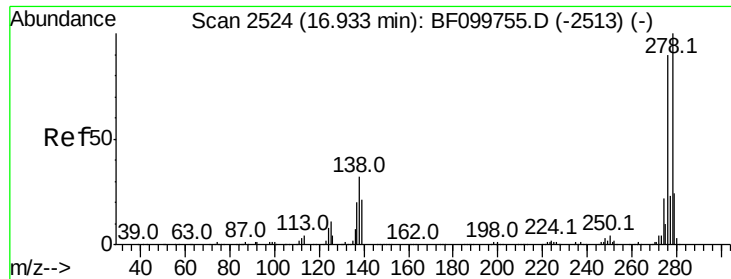
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#82
Chrysene
Concen: 8.400 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	21.8	16.2	24.4





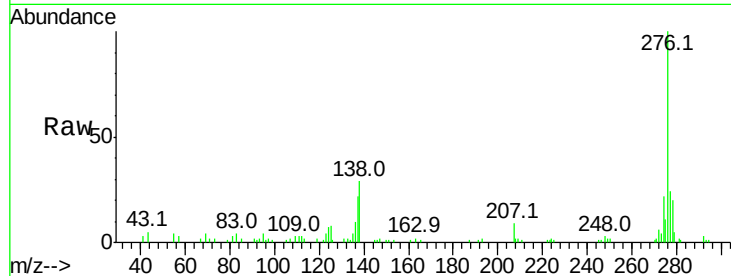
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.070 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.08 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

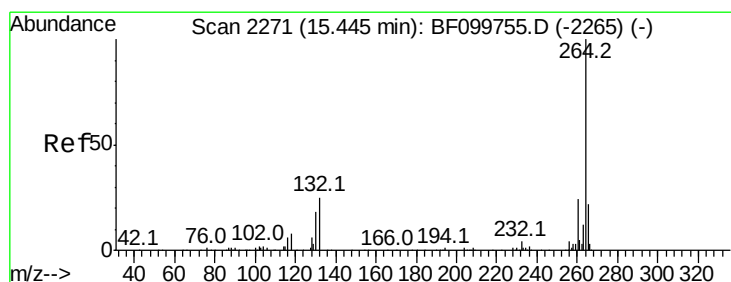
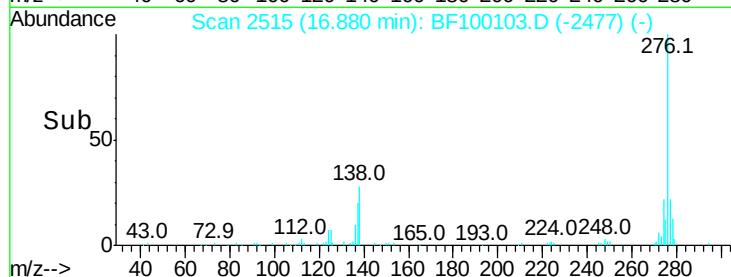
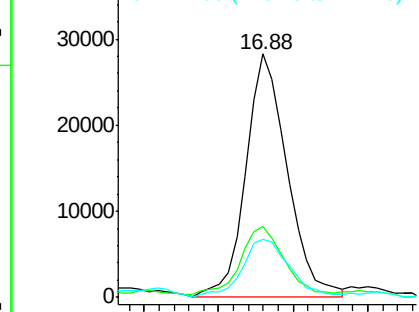
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.1	25.0	37.6
277	27.3	20.1	30.1

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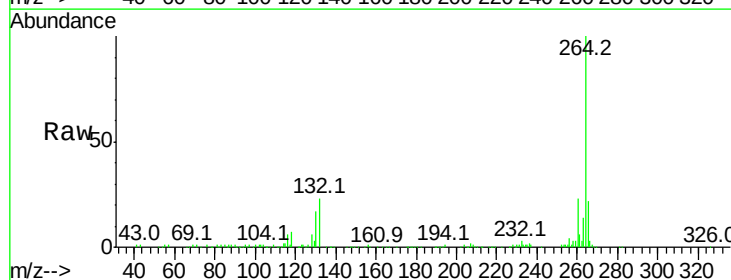


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

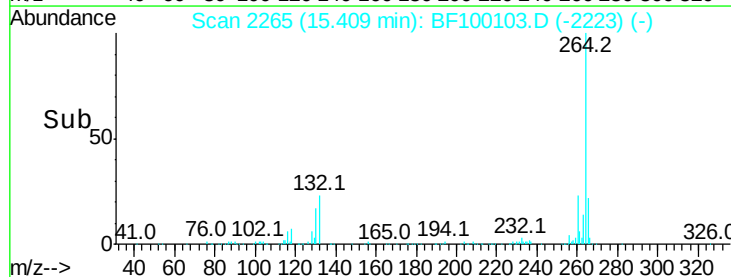
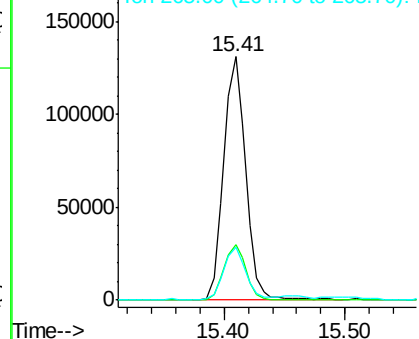


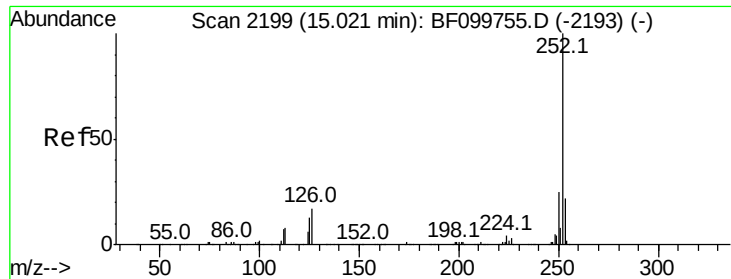
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.0	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





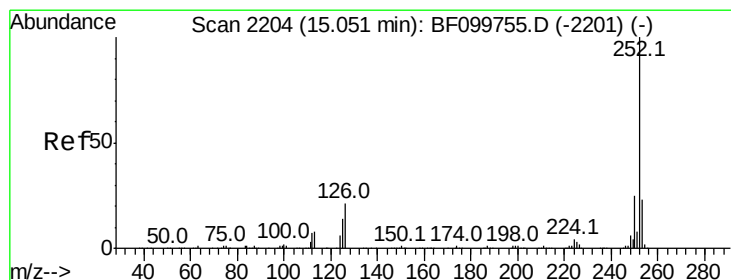
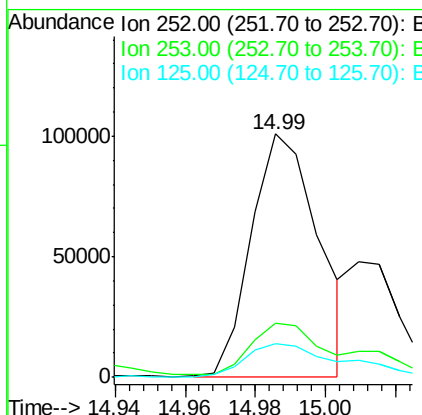
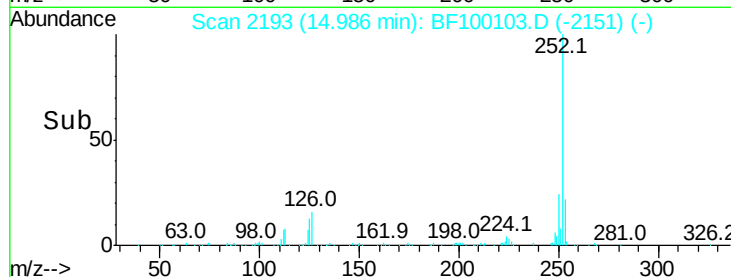
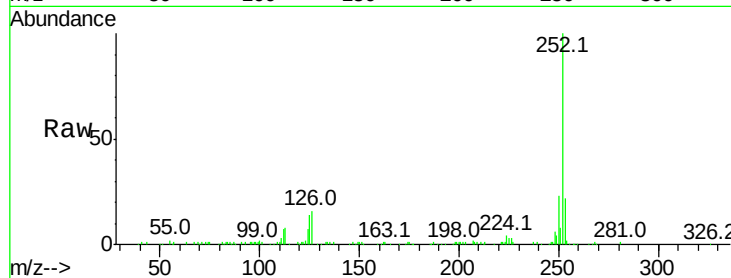
#87
Benzo(b)fluoranthene
Concen: 13.013 ng m
RT: 14.99 min Scan# 2193
Delta R.T. -0.05 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	13.7	9.0	13.6

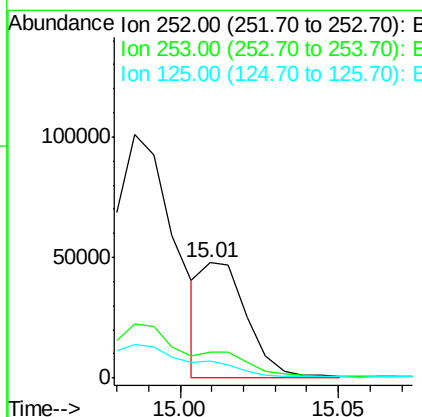
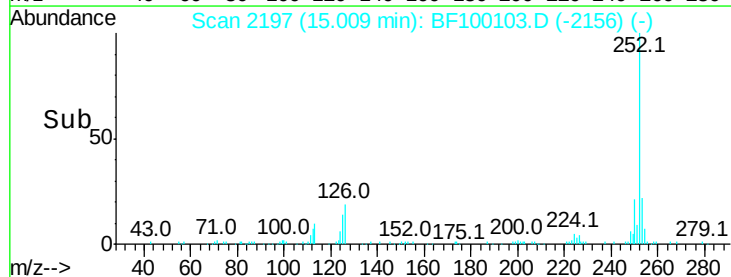
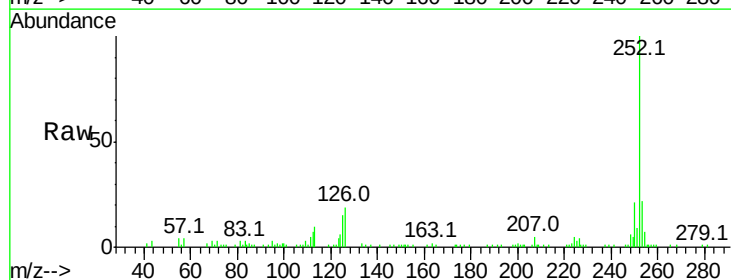
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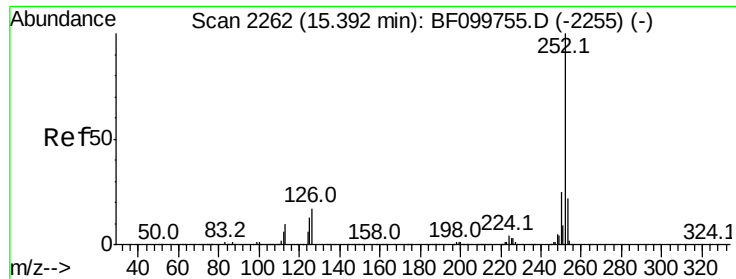
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#88
Benzo(k)fluoranthene
Concen: 4.844 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.06 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	14.9	10.2	15.2





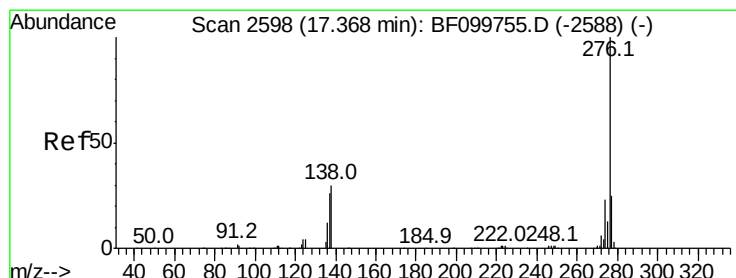
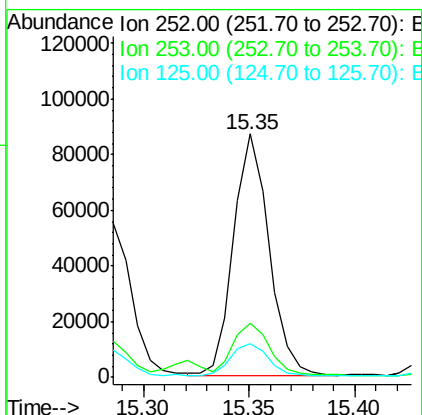
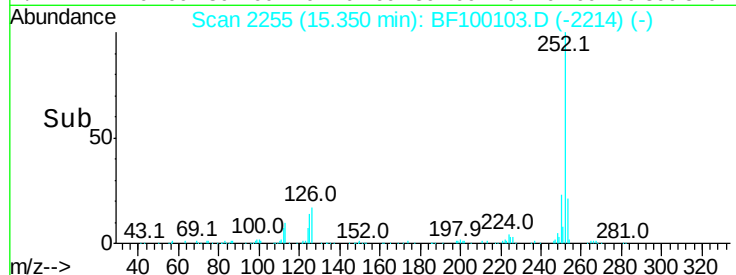
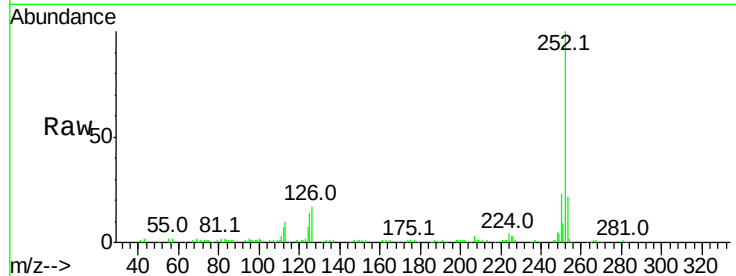
#89
Benzo(a)pyrene
Concen: 10.905 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.06 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion:	252	Resp:	102236
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	13.9	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 5.793 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.08 min
Lab File: BF100103.D
Acq: 2 Nov 2017 23:33

Tgt Ion:	276	Resp:	47212
Ion Ratio	Lower	Upper	
276	100		
277	26.3	17.9	26.9
138	31.3	21.8	32.8

