

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112729.D
 Acq On : 27 Feb 2019 19:56
 Operator : JU/SJ
 Sample : K1627-07 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(0-2)

Manual Integrations
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 2/28/2019 12:47:13 PM

Quant Time: Feb 28 03:13:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	189750	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	664975	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	269416	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	517754	20.00	ng	0.00
76) Chrysene-d12	13.87	240	503195	20.00	ng	0.00
87) Perylene-d12	15.27	264	397020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	559111	45.84	ng	0.00
7) Phenol-d6	6.36	99	684351	44.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	385950	34.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	138406	48.39	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	591549	28.99	ng	0.00
79) Terphenyl-d14	12.83	244	610856	23.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	44877	2.259	ng	Qvalue # 99
71) Phenanthrene	11.27	178	169805	6.592	ng	99
75) Fluoranthene	12.45	202	383962	13.912	ng	97
78) Pyrene	12.67	202	312062	7.356	ng	98
81) Benzo(a)anthracene	13.86	228	171853	4.928	ng	98
83) Chrysene	13.89	228	176291	5.161	ng	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	358234	16.311	ng	99
86) Indeno(1,2,3-cd)pyrene	16.62	276	60130	2.065	ng	98
88) Benzo(b)fluoranthene	14.87	252	194053m	7.556	ng	
89) Benzo(k)fluoranthene	14.90	252	62956m	2.706	ng	
90) Benzo(a)pyrene	15.22	252	108759	4.788	ng	96
92) Benzo(a,h,i)perylene	17.03	276	56353	2.895	ng	94

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

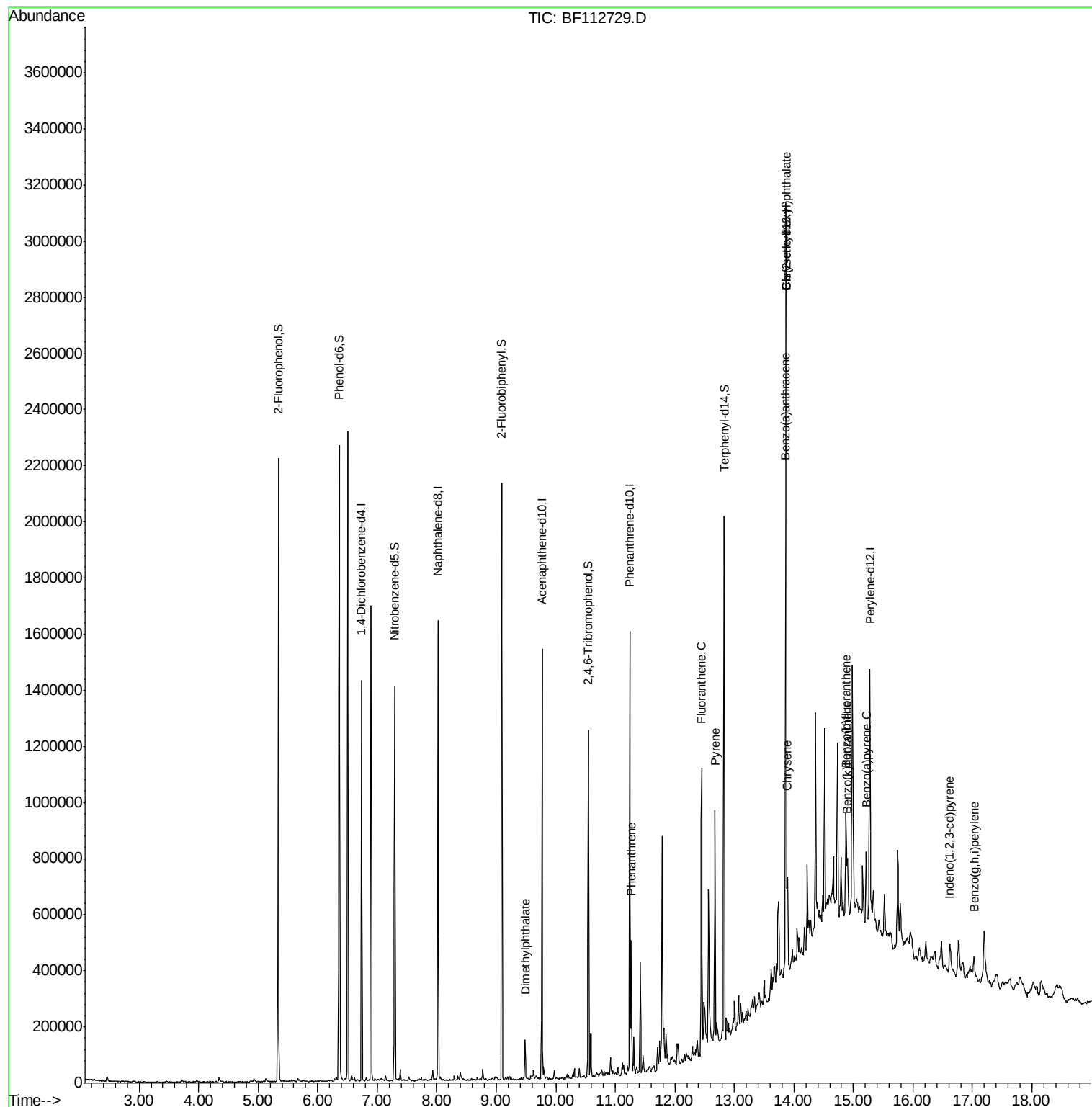
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112729.D
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ALS Vial : 12 Sample Multiplier: 1

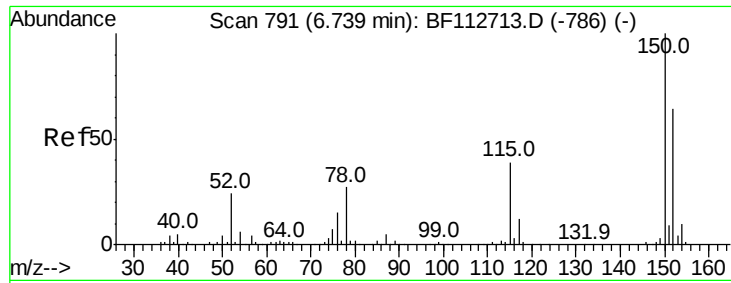
Instrument :
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#1

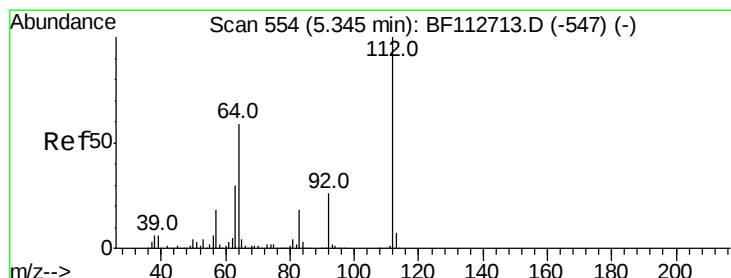
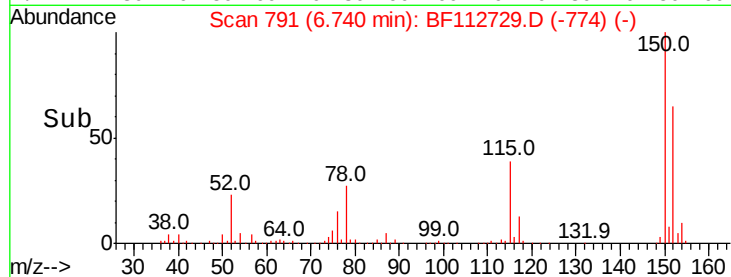
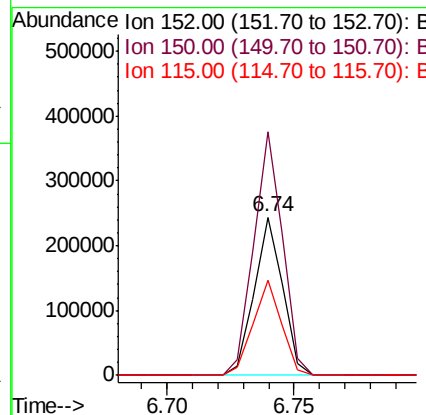
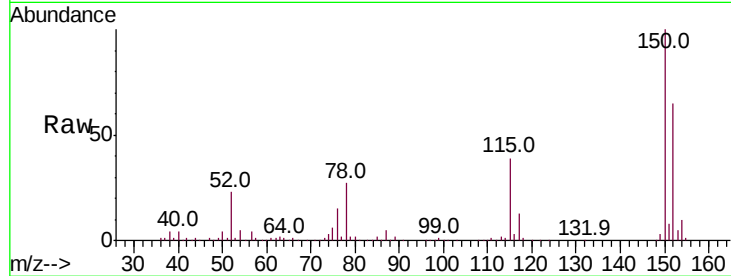
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
SB-04-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.2	186.2
115	59.8	48.2	72.4

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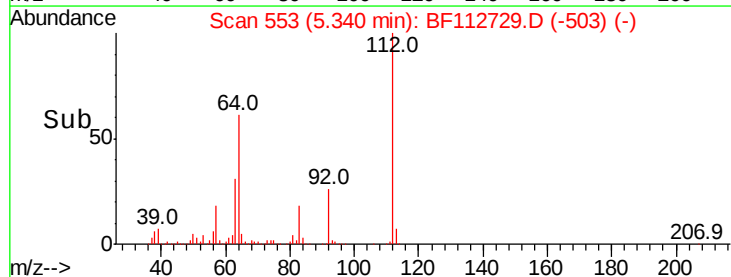
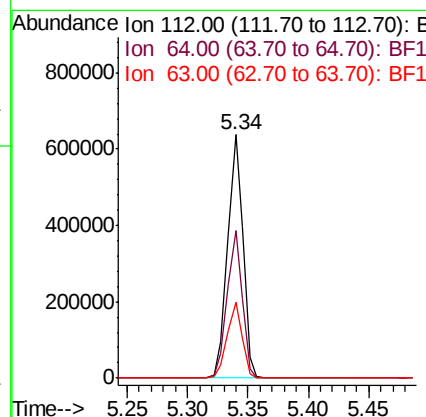
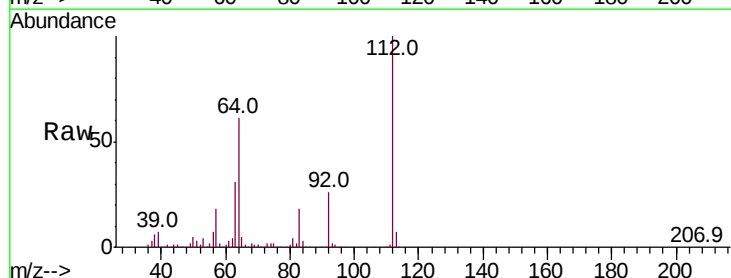
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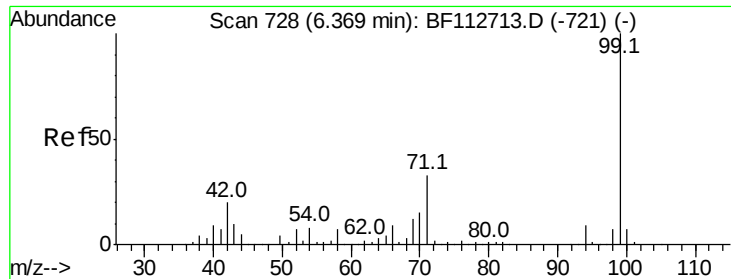


#5

2-Fluorophenol
Concen: 45.835 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.6	71.4
63	31.1	24.4	36.6





#7

Phenol-d6

Concen: 44.661 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

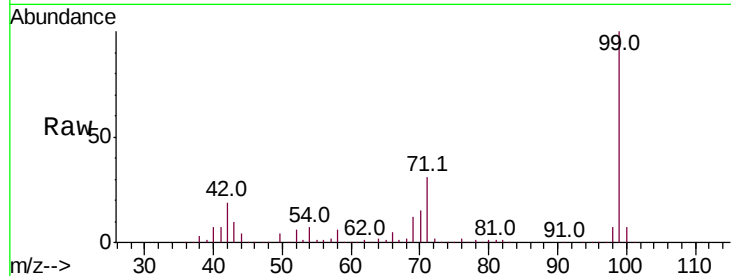
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SB-04-(0-2)

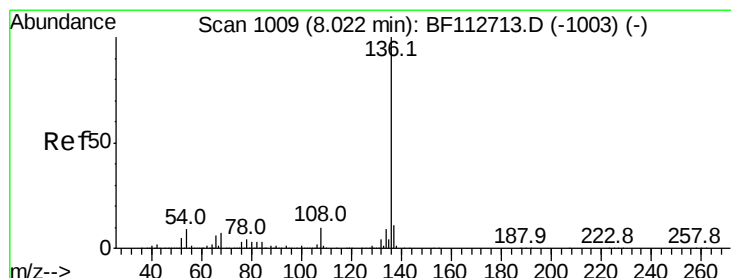
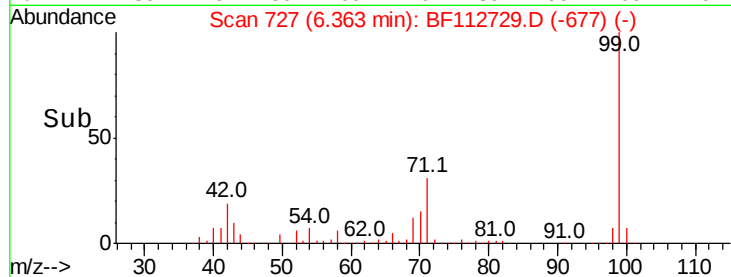
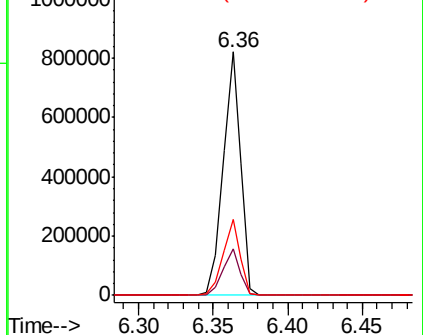
Tot Ion:	99	Resp:	684351
Ion Ratio	Lower	Upper	
99	100		
42	19.1	16.3	24.5
71	31.2	26.2	39.4

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

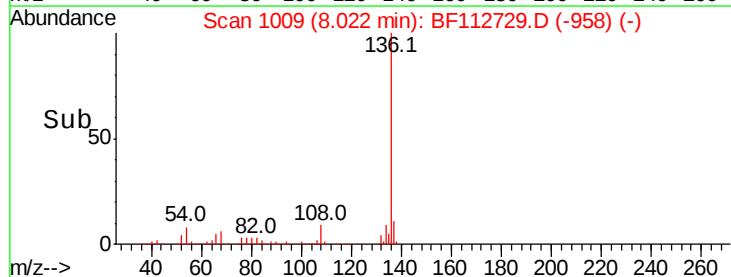
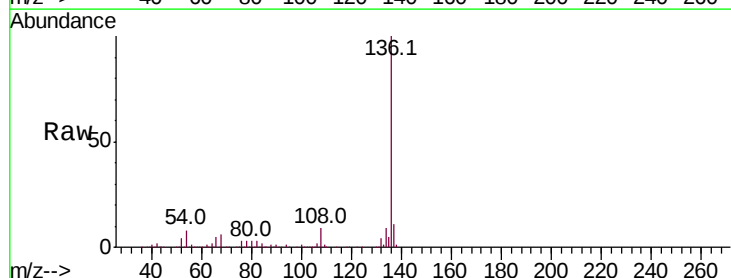
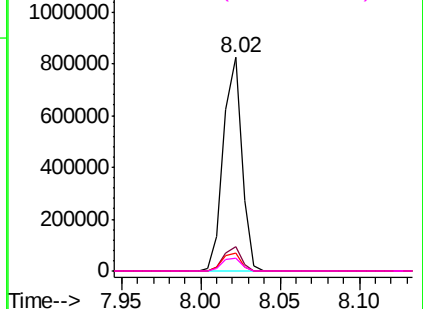
Delta R.T. 0.00 min

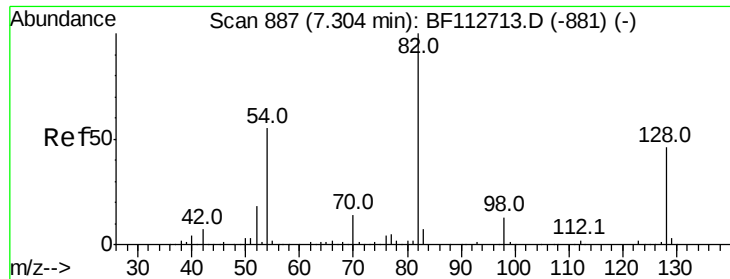
Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Tgt Ion:	136	Resp:	664975
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.3	7.3	10.9
68	6.1	5.4	8.2

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





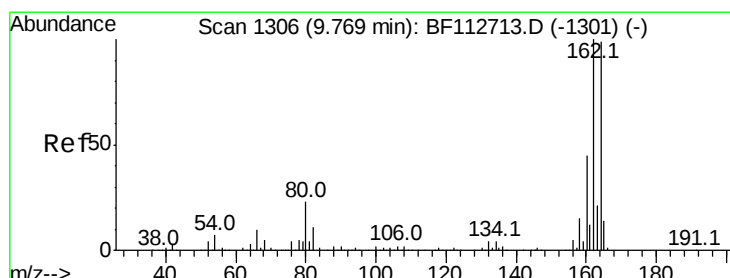
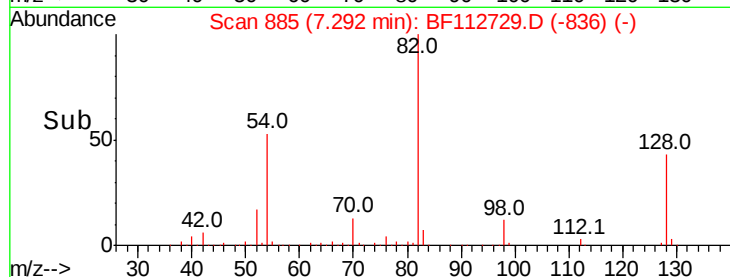
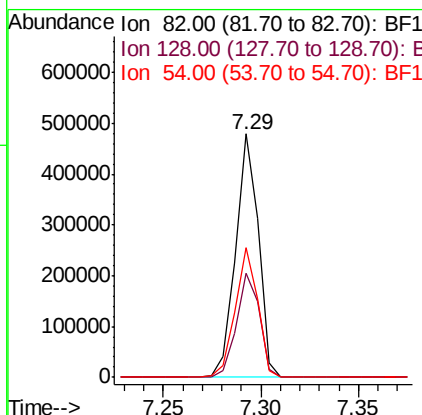
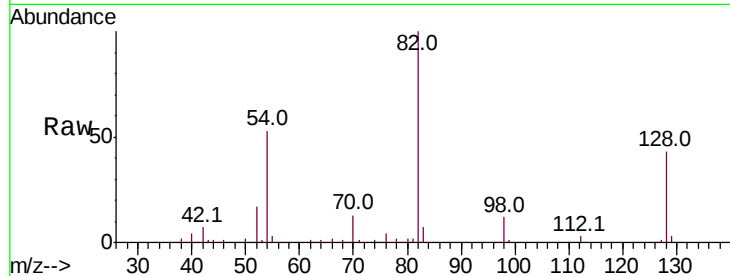
#23
 Nitrobenzene-d5
 Concen: 34.730 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.9	36.3	54.5	
54	53.5	43.7	65.5	

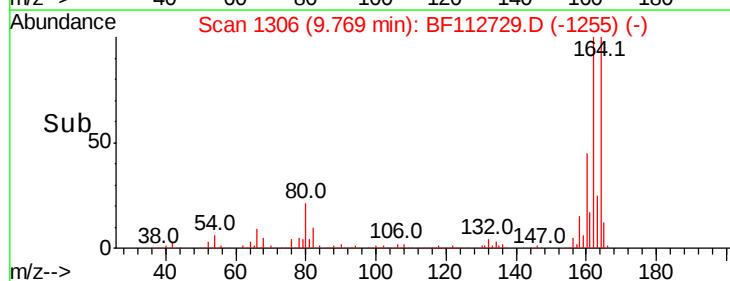
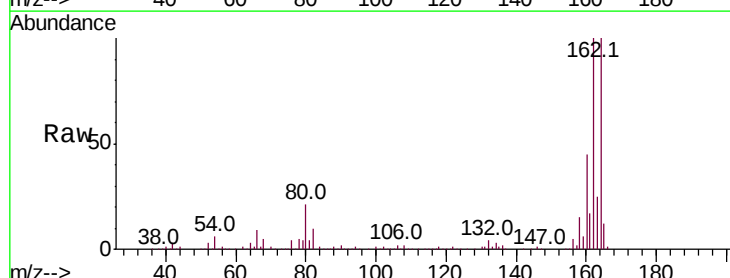
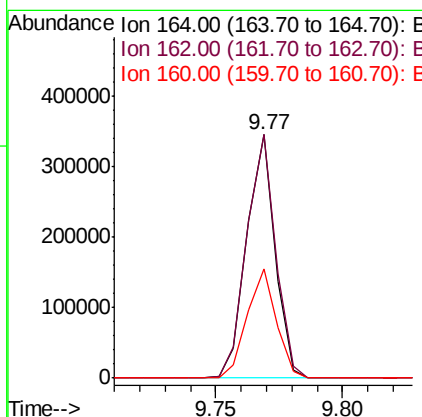
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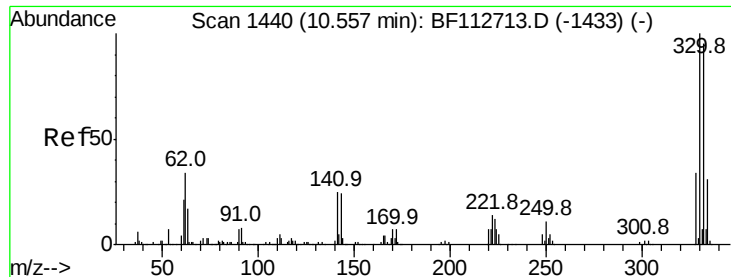
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.2	80.6	120.8	
160	44.7	36.0	54.0	





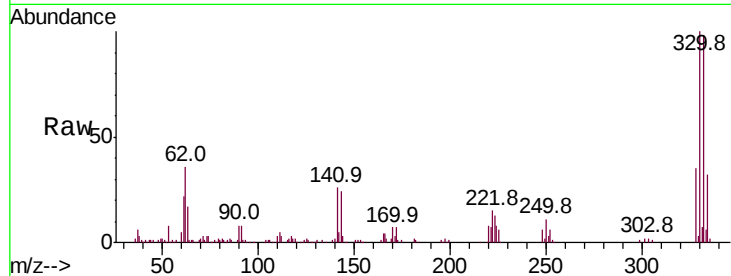
#42
 2,4,6-Tribromophenol
 Concen: 48.391 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-(0-2)

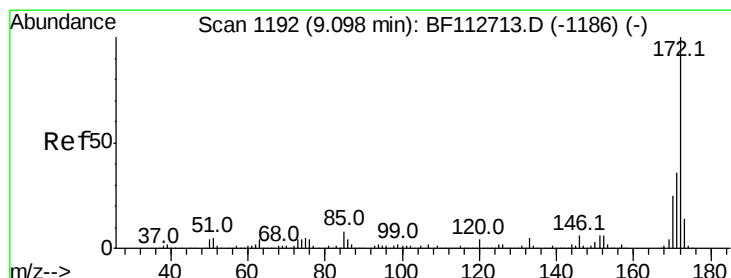
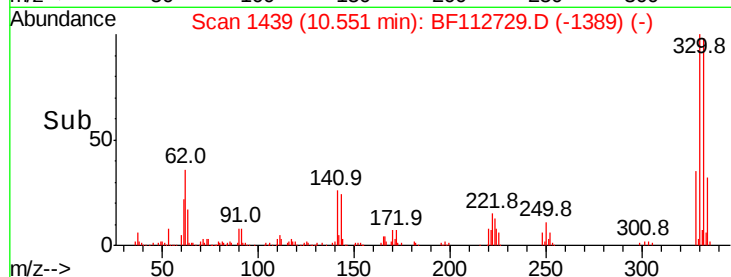
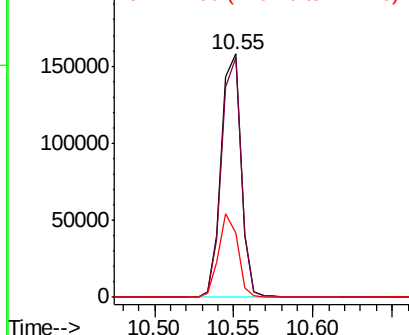
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	76.2	114.4	
141	32.9	27.0	40.6	

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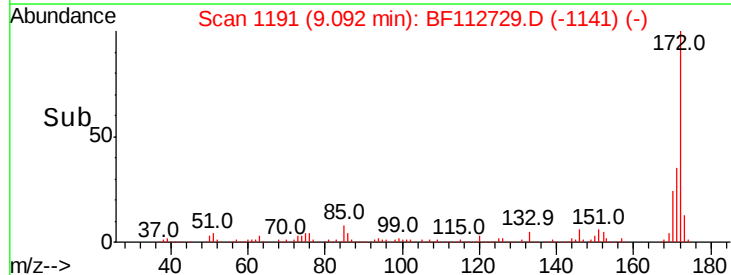
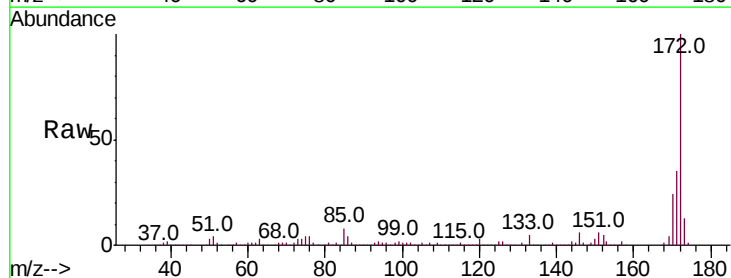
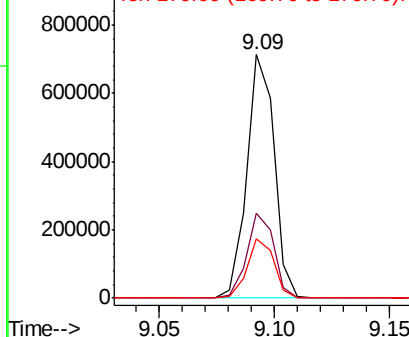
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

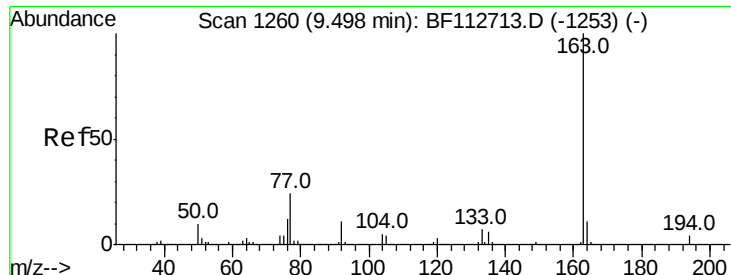


#45
 2-Fluorobiphenyl
 Concen: 28.993 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF112729.D
 Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	29.0	43.4	
170	24.1	20.0	30.0	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





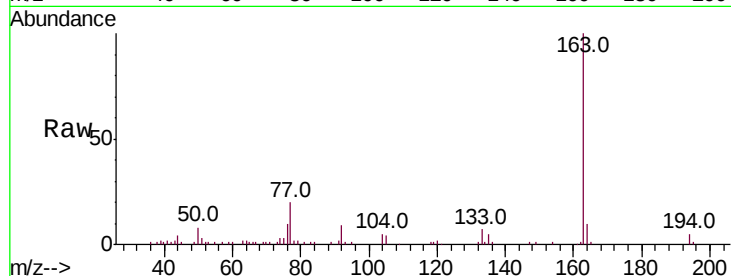
#50
Dimethylphthalate
Concen: 2.259 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
SB-04-(0-2)

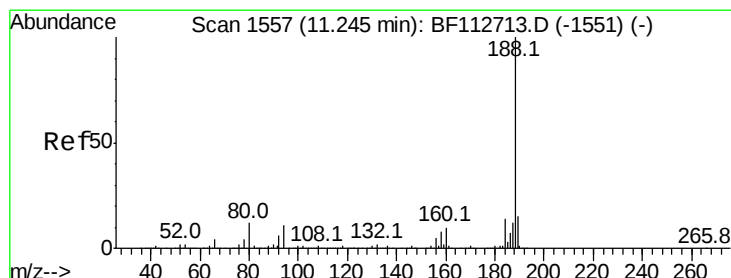
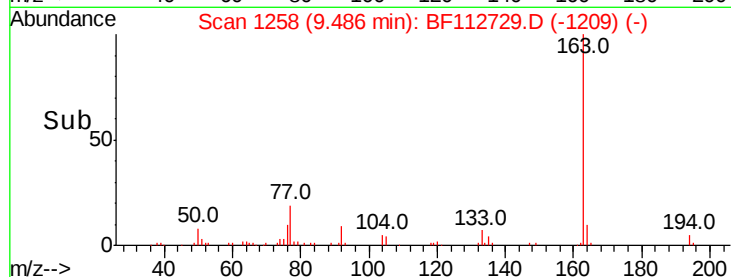
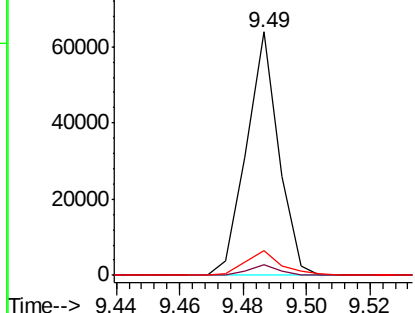
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.4#
164	10.1	8.4	12.6

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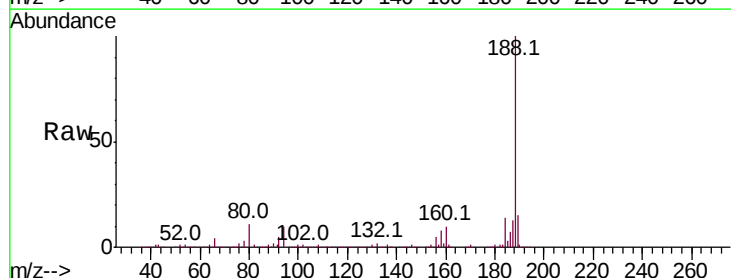


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

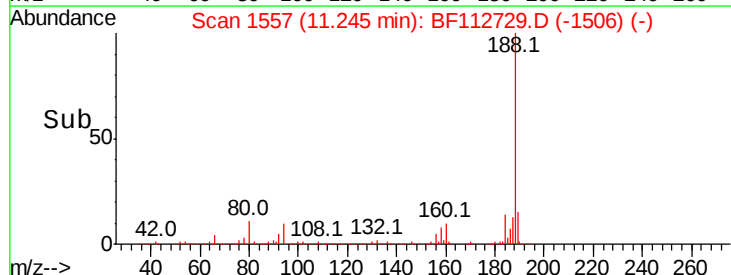
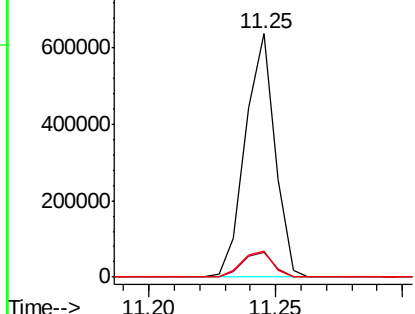


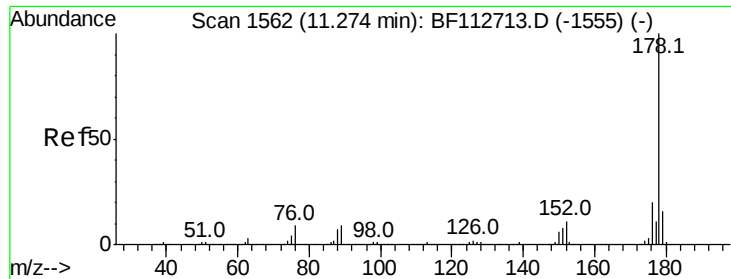
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.4
80	10.8	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





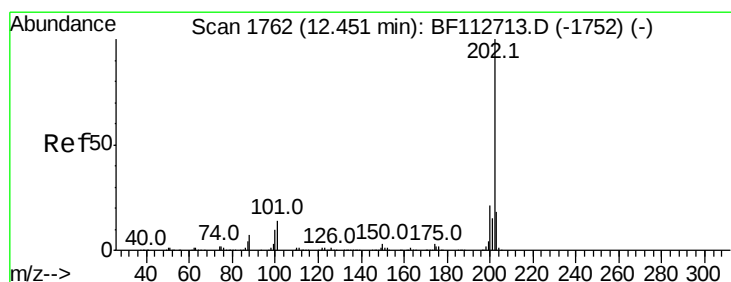
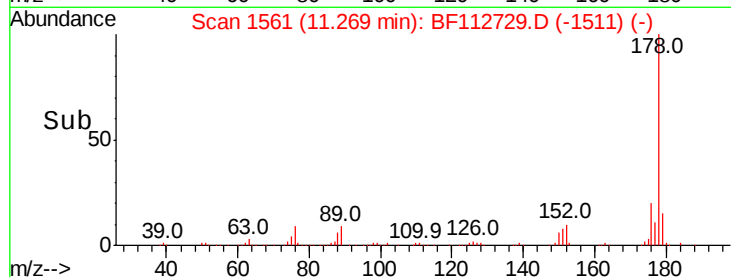
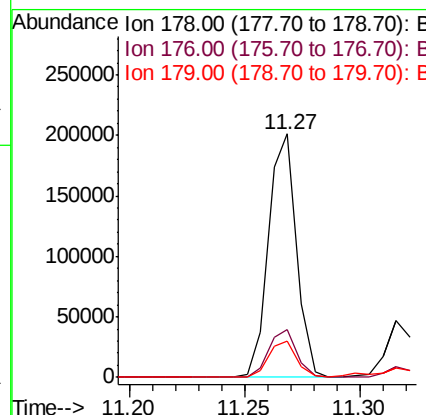
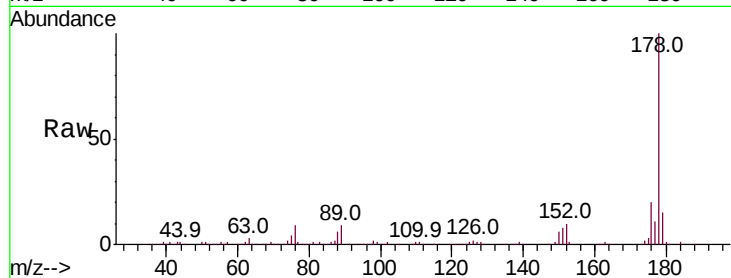
#71
Phenanthrene
Concen: 6.592 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampled :
SB-04-(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	15.1	12.7	19.1

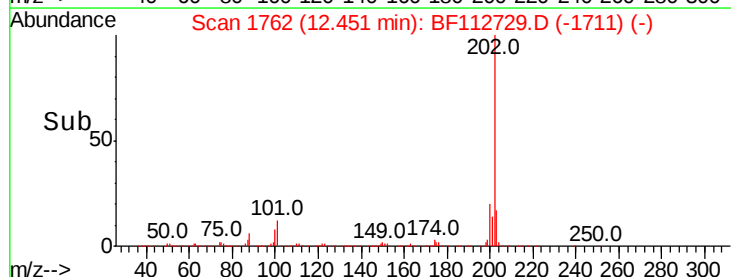
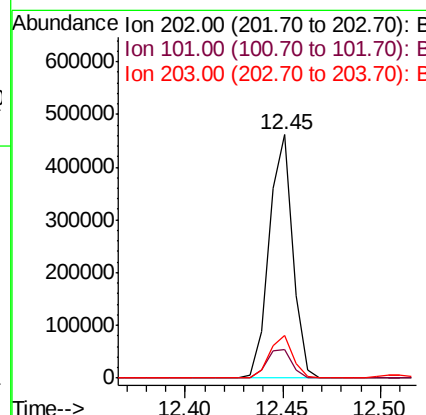
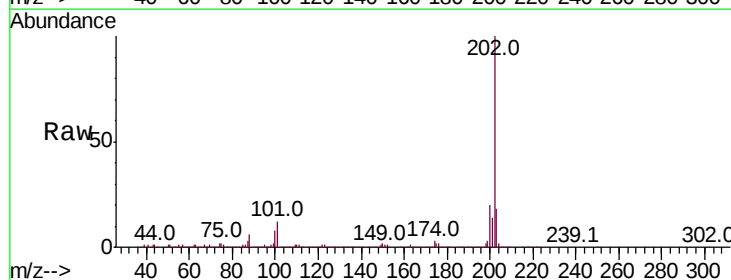
Manual Integrations
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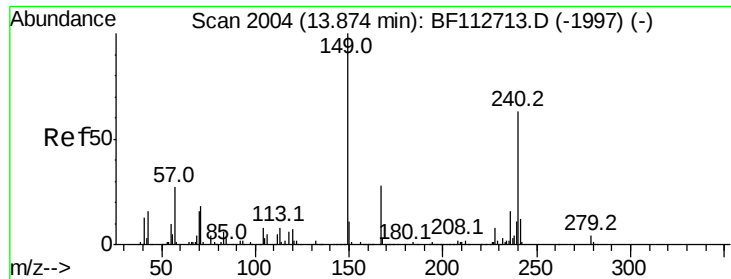
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#75
Fluoranthene
Concen: 13.912 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.8
203	17.5	0.0	38.4





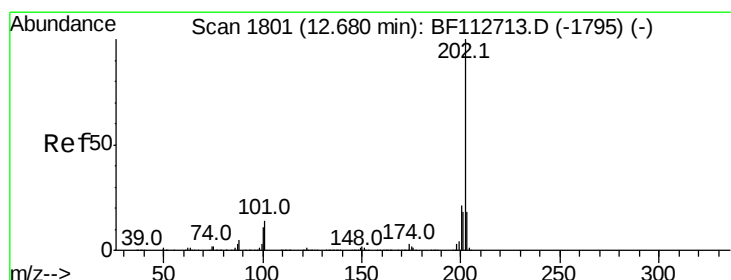
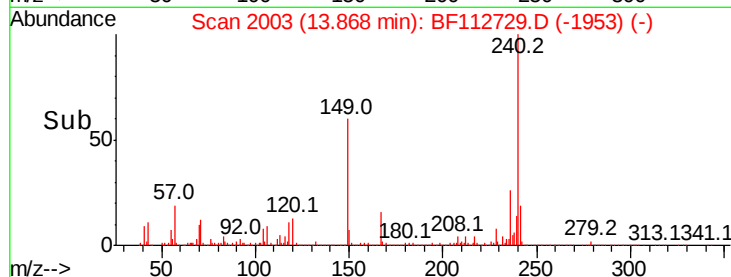
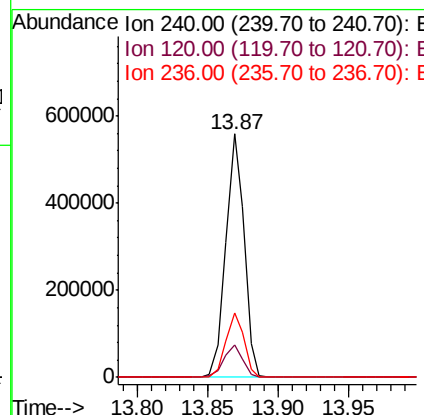
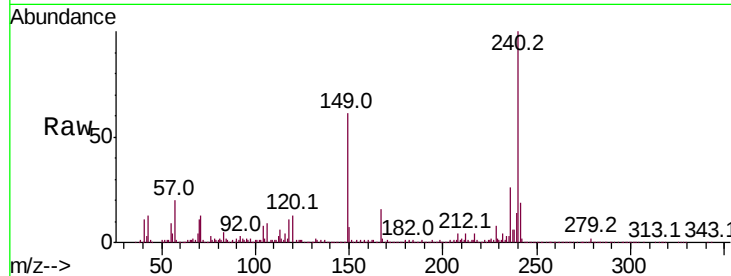
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampled :
SB-04-(0-2)

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	13.2	8.9	13.3
236	26.3	20.7	31.1

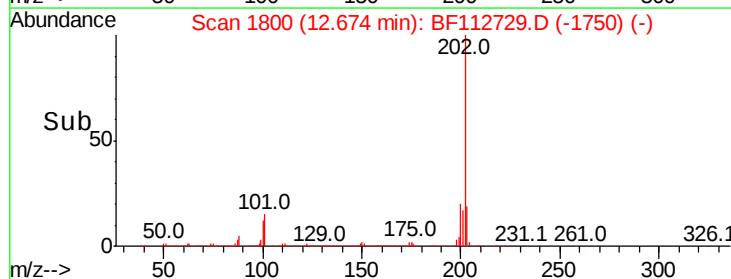
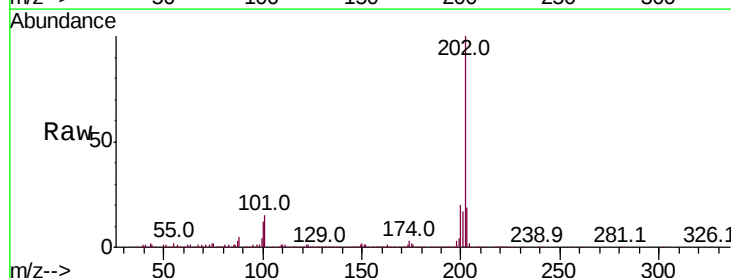
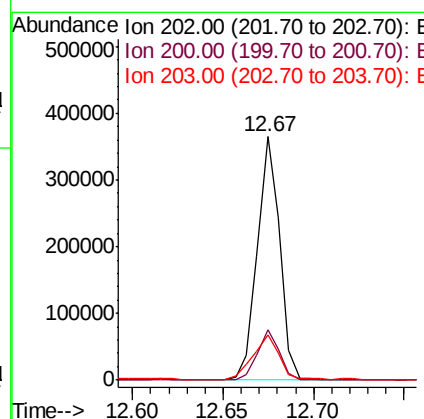
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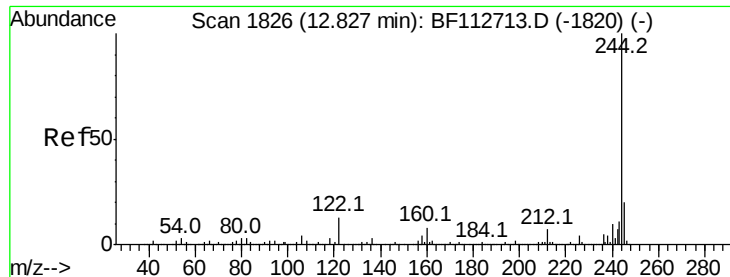
Sohil
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#78
Pyrene
Concen: 7.356 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.0	25.4
203	18.7	14.4	21.6





#79

Terphenyl-d14

Concen: 23.532 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

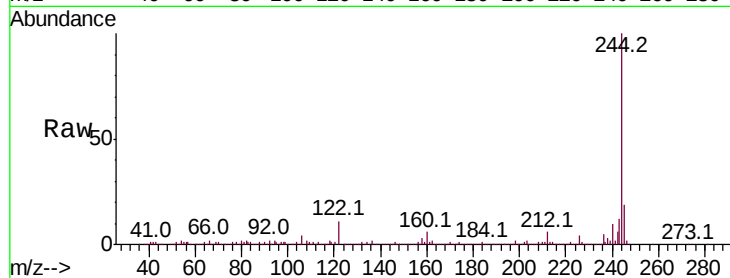
ClientSampleId :

SB-04-(0-2)

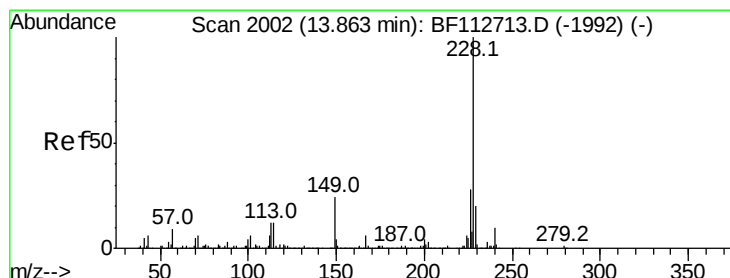
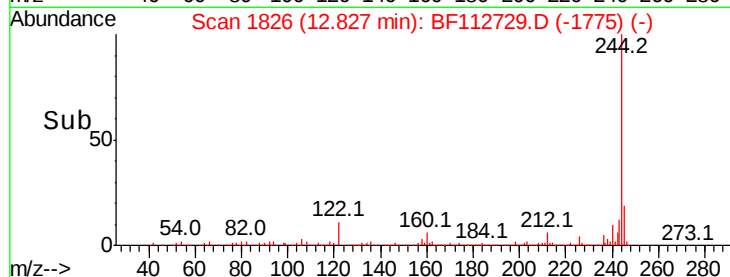
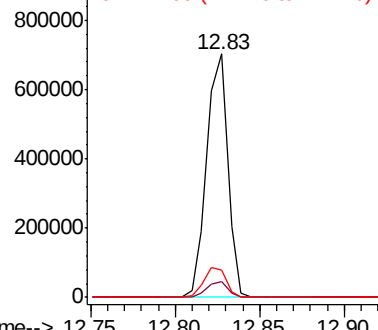
Tot Ion:	244	Resp:	610856
Ion Ratio		Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.5	10.5	15.7

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.928 ng

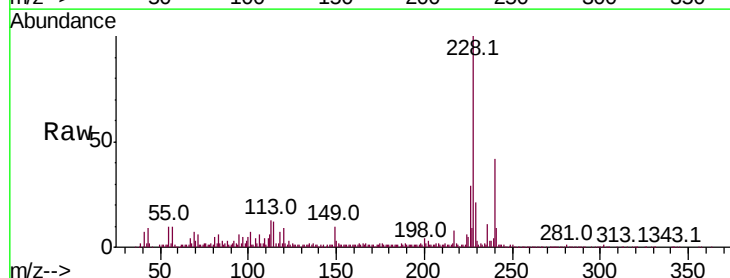
RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

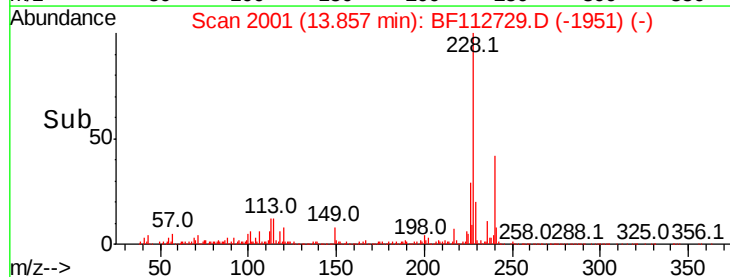
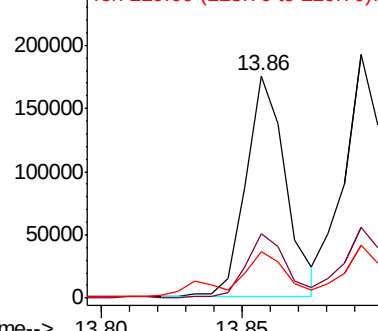
Lab File: BF112729.D

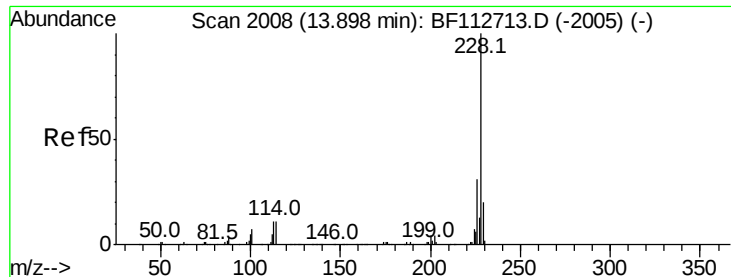
Acq: 27 Feb 2019 19:56

Tgt Ion:	228	Resp:	171853
Ion Ratio		Lower	Upper
228	100		
226	28.9	22.2	33.4
229	21.0	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





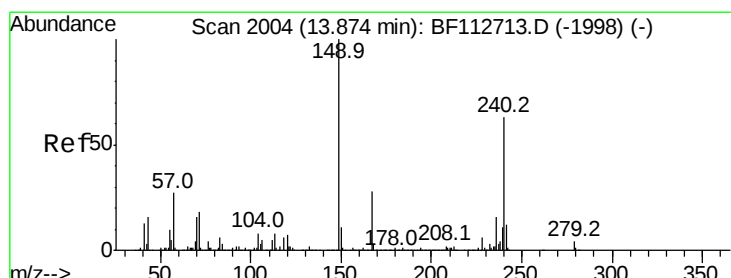
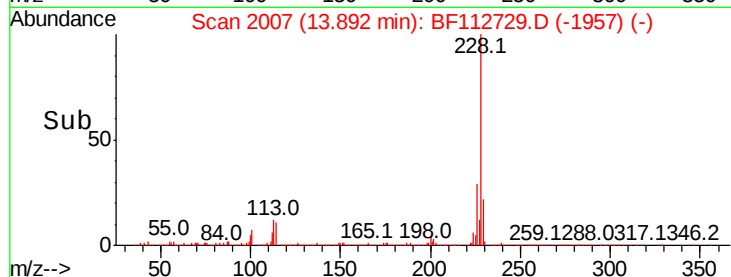
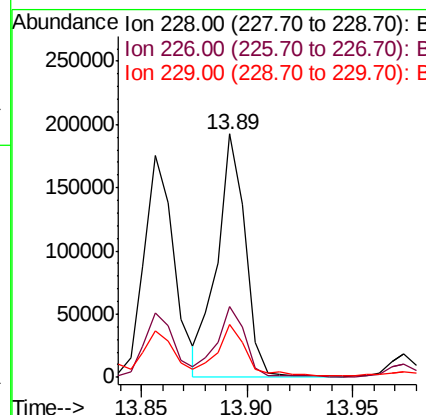
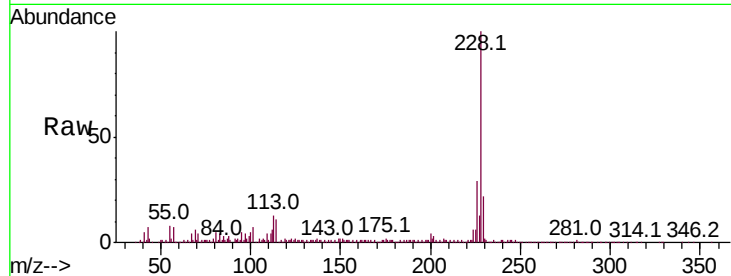
#83
Chrysene
Concen: 5.161 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampled :
SB-04-(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	22.0	16.3	24.5

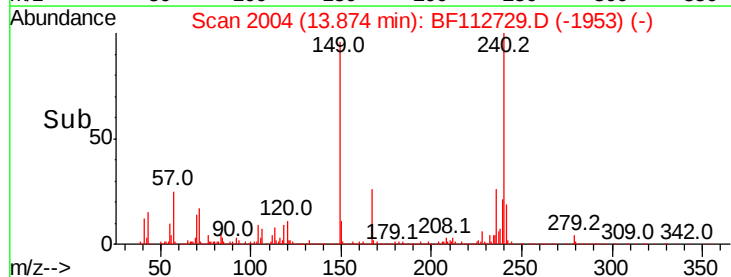
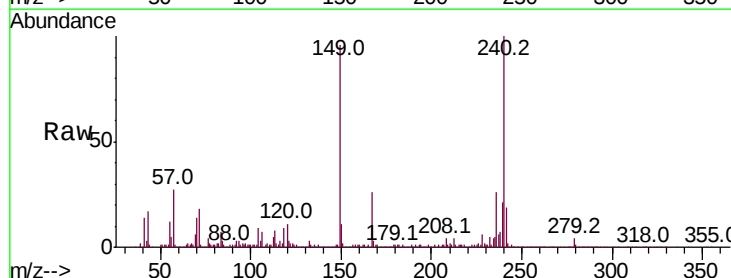
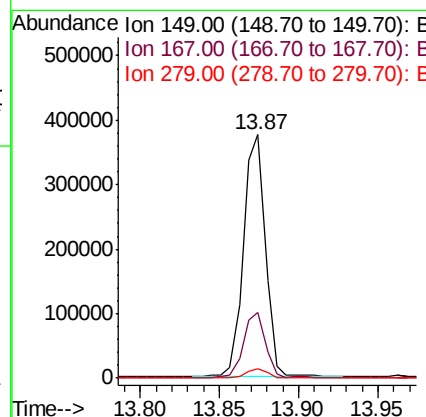
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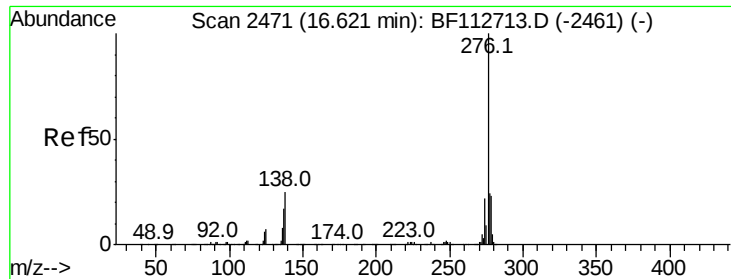
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#84
Bis(2-ethylhexyl)phthalate
Concen: 16.311 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.4	33.6
279	4.0	3.3	4.9





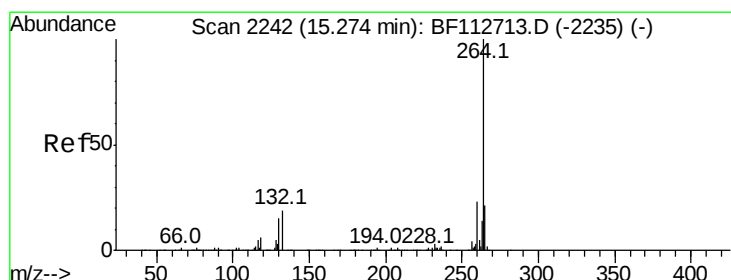
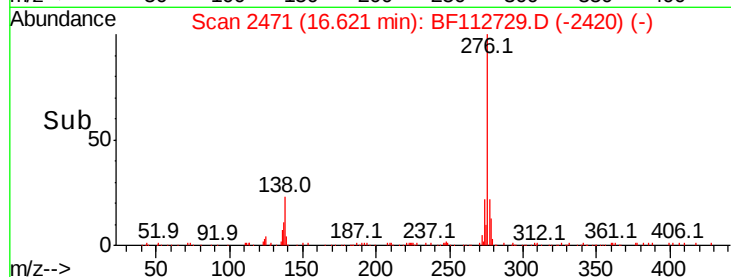
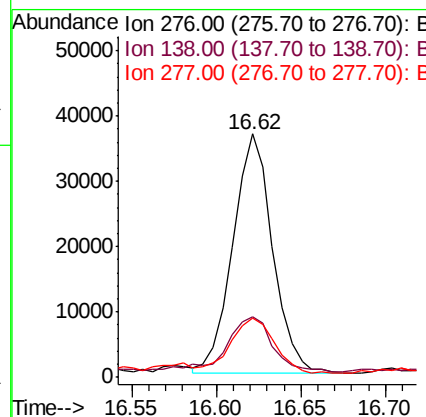
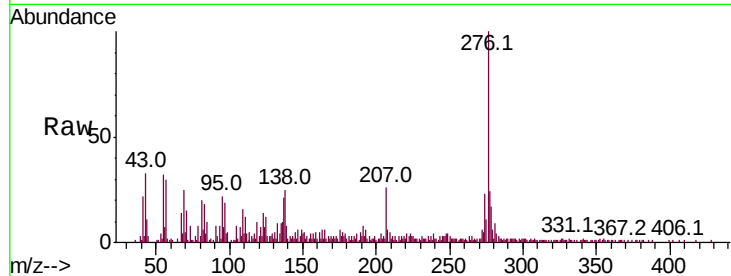
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.065 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampled :
SB-04-(0-2)

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.2	34.8
277	25.4	19.9	29.9

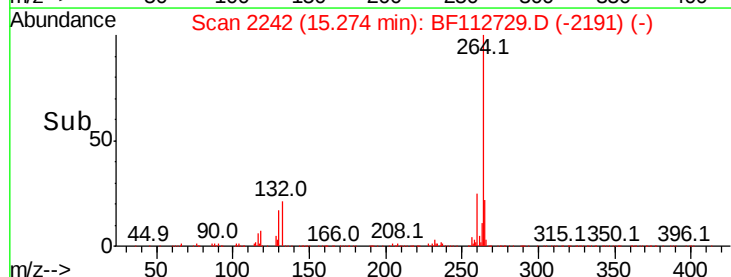
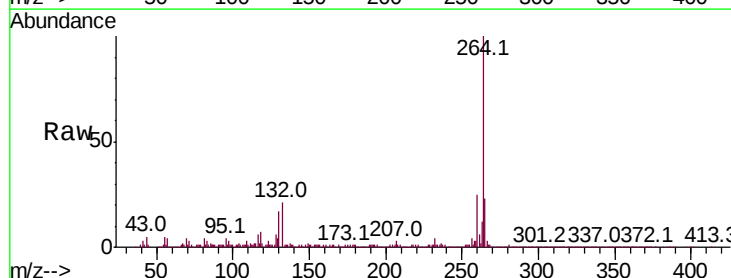
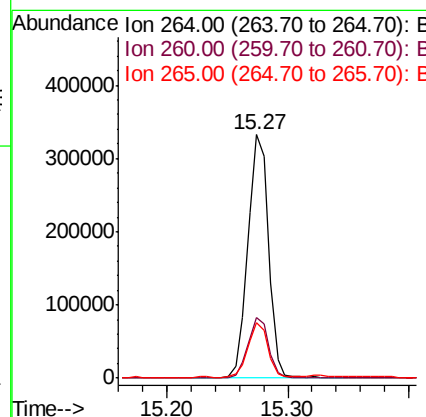
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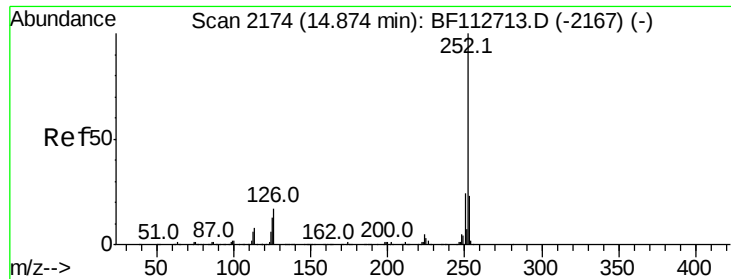
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	22.8	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 7.556 ng m

RT: 14.87 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_F

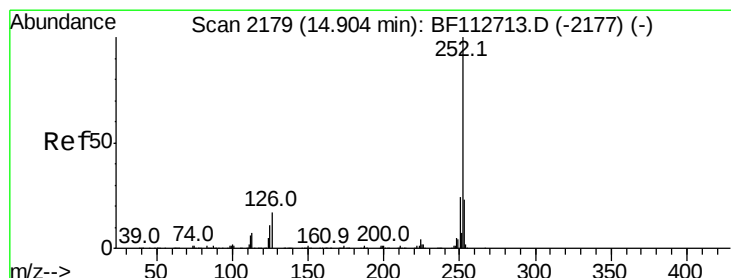
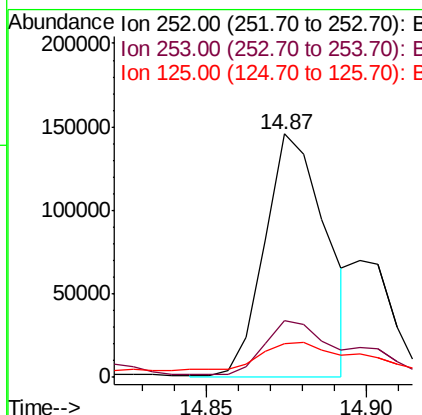
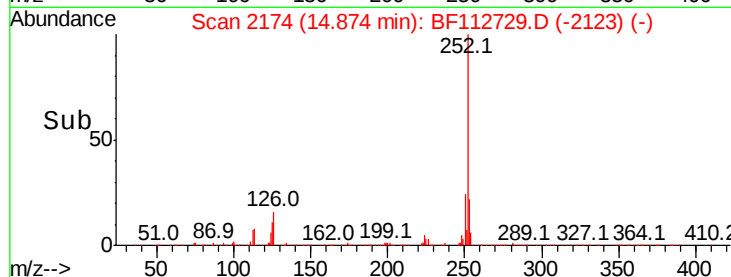
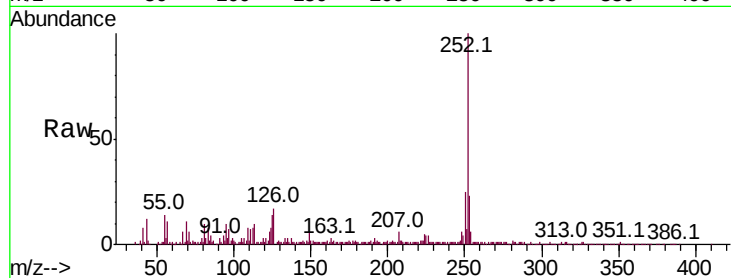
ClientSampled :

SB-04-(0-2)

Tot Ion:	252	Resp:	194053
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.0	27.0
125	13.7	10.2	15.2

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 2.706 ng m

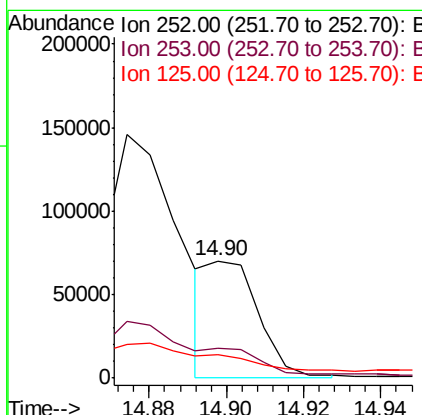
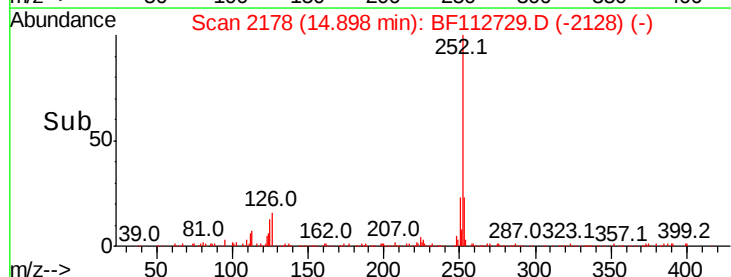
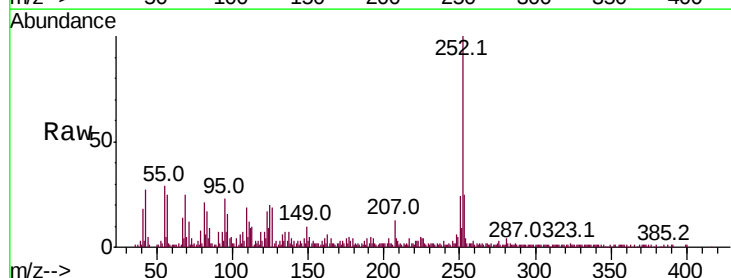
RT: 14.90 min Scan# 2178

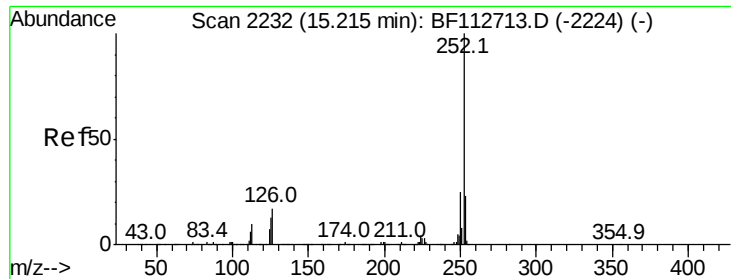
Delta R.T. -0.01 min

Lab File: BF112729.D

Acq: 27 Feb 2019 19:56

Tgt Ion:	252	Resp:	62956
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.2	27.2
125	19.7	9.8	14.6#





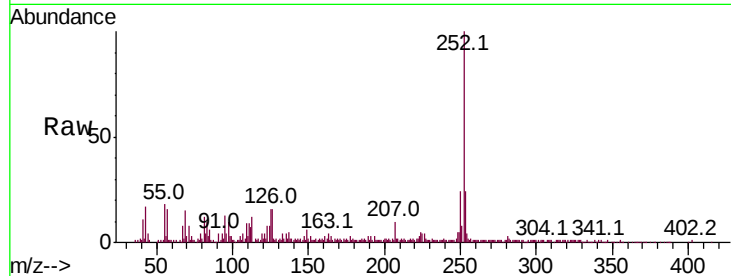
#90
Benzo(a)pyrene
Concen: 4.788 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_F
ClientSampled :
SB-04-(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	15.8	10.7	16.1

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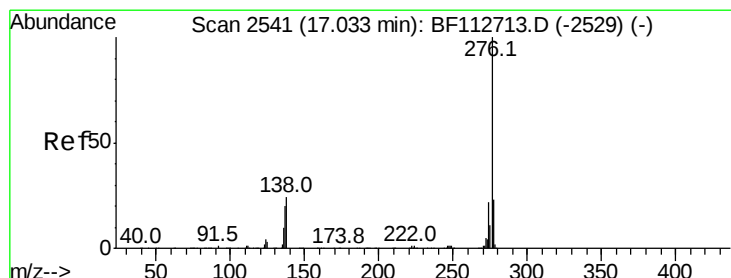
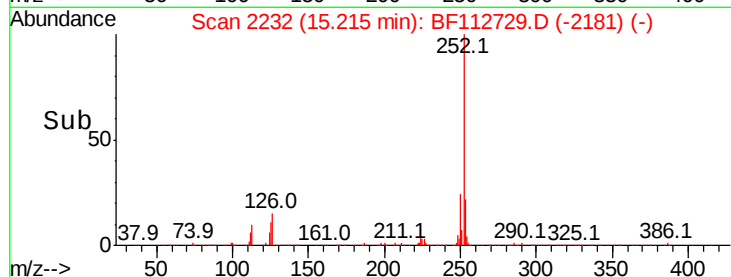
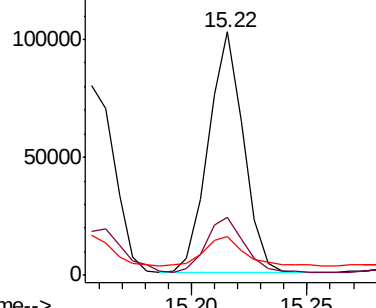


Abundance

Ion 252.00 (251.70 to 252.70): E

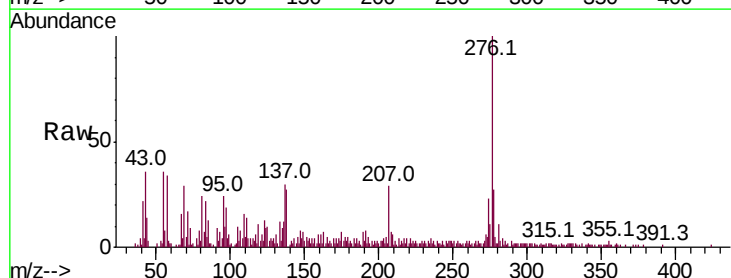
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.895 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF112729.D
Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.6	27.8
138	26.7	19.4	29.0



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

