

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119356.D
 Acq On : 11 Mar 2020 20:09
 Operator : CG/JU
 Sample : L1871-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SA

Manual Integrations
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Quant Time: Mar 12 05:47:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	102696	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	392370	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	221179	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	410024	20.00	ng	0.00
76) Chrysene-d12	13.88	240	281031	20.00	ng	0.00
87) Perylene-d12	15.31	264	288571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	586953	95.52	ng	0.00
7) Phenol-d6	6.37	99	731539	97.88	ng	0.00
23) Nitrobenzene-d5	7.29	82	484254	65.16	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	258476	89.33	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	873629	58.19	ng	-0.01
79) Terphenyl-d14	12.82	244	1047187	64.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	83711	4.949	ng	99
71) Phenanthrene	11.26	178	350156	15.659	ng	96
72) Anthracene	11.32	178	79664	3.566	ng	97
75) Fluoranthene	12.45	202	551689	23.243	ng	98
78) Pyrene	12.68	202	474737	21.037	ng	98
81) Benzo(a)anthracene	13.87	228	215430	11.250	ng	98
83) Chrysene	13.91	228	184366	9.663	ng	97
86) Indeno(1,2,3-cd)pyrene	16.73	276	107013m	5.792	ng	
88) Benzo(b)fluoranthene	14.91	252	223020m	11.725	ng	
89) Benzo(k)fluoranthene	14.93	252	61066m	3.464	ng	
90) Benzo(a)pyrene	15.26	252	163030	9.497	ng	99
92) Benzo(a,h,i)perylene	17.16	276	91822	6.152	ng	96

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

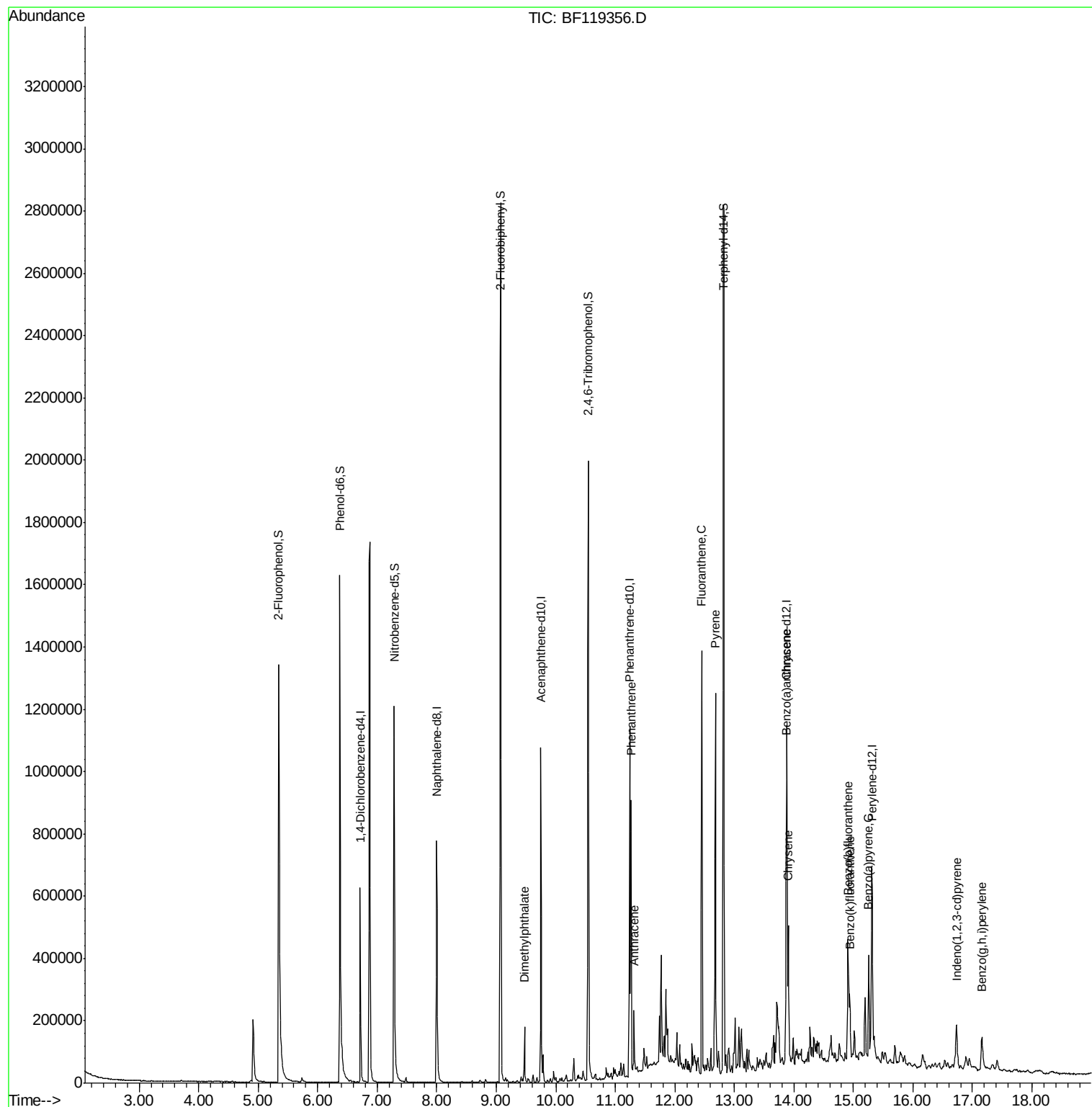
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119356.D
Acq On : 11 Mar 2020 20:09
Operator : CG/JU
Sample : L1871-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

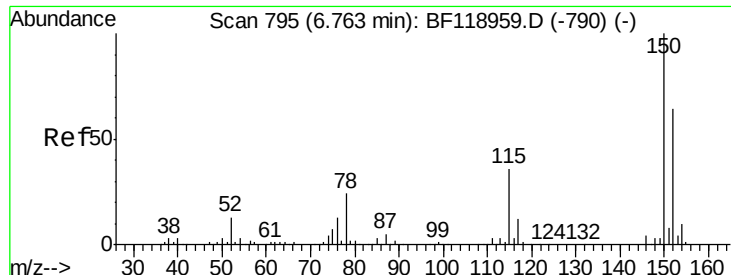
Instrument :
BNA_F
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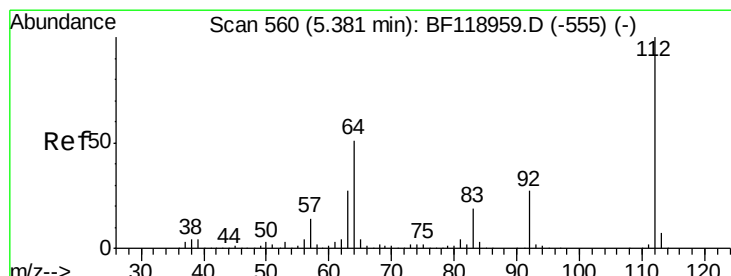
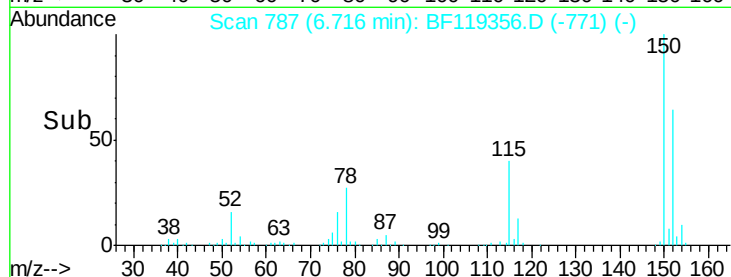
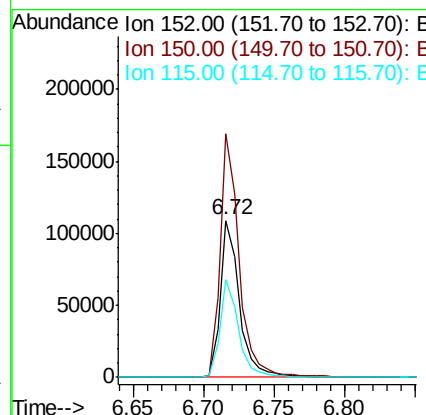
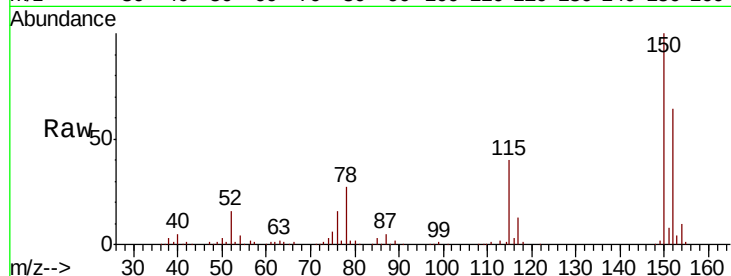
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF119356.D
 Acq: 11 Mar 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SA

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.0	184.6
115	62.7	49.5	74.3

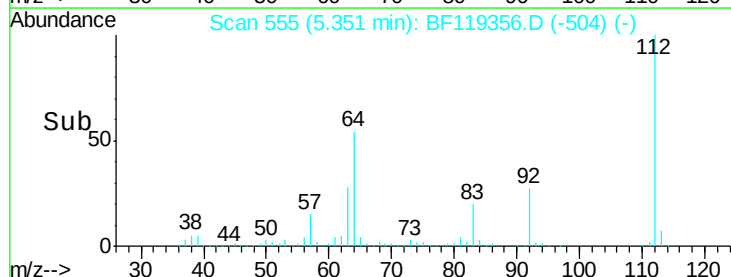
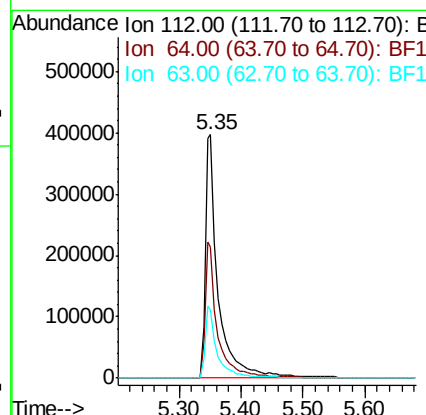
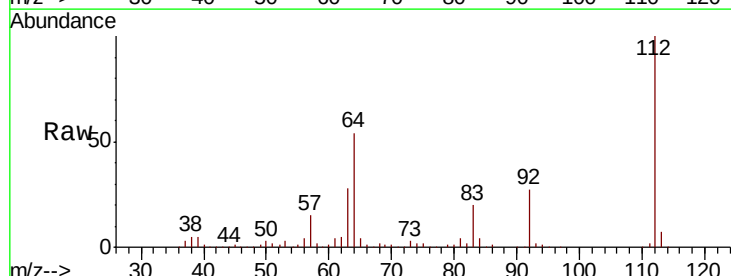
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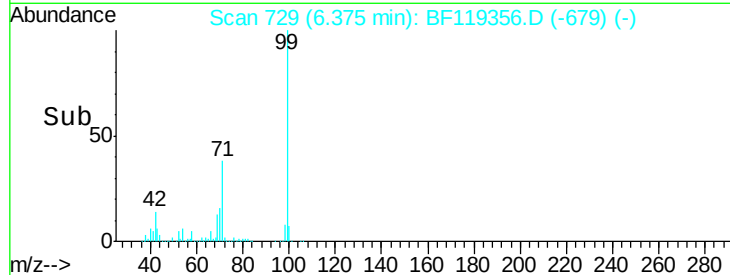
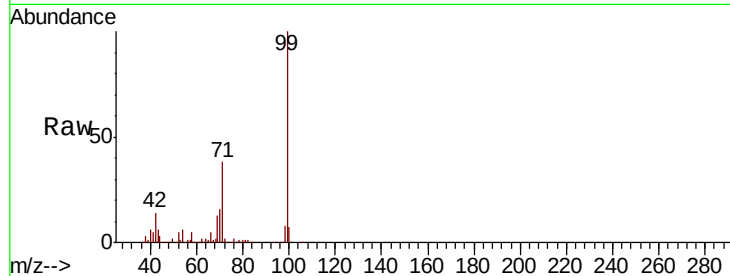
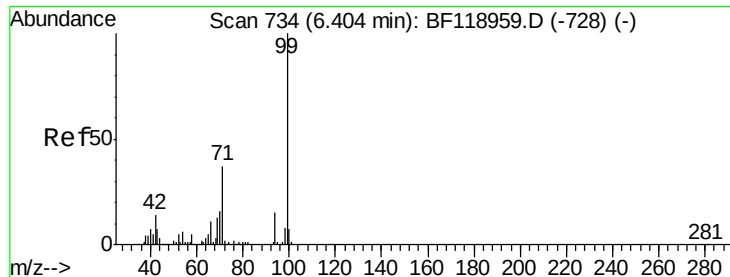
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#5
 2-Fluorophenol
 Concen: 95.515 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF119356.D
 Acq: 11 Mar 2020 20:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.0	67.4
63	28.2	24.2	36.4





#7

Phenol-d6

Concen: 97.883 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119356.D

Acq: 11 Mar 2020 20:09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		731539		
42	13.9	12.6	18.8		
71	38.2	31.0	46.4		

Instrument :

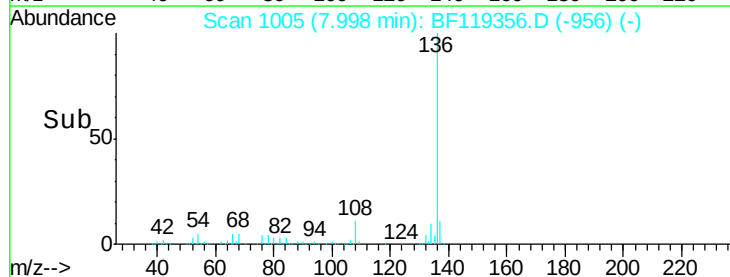
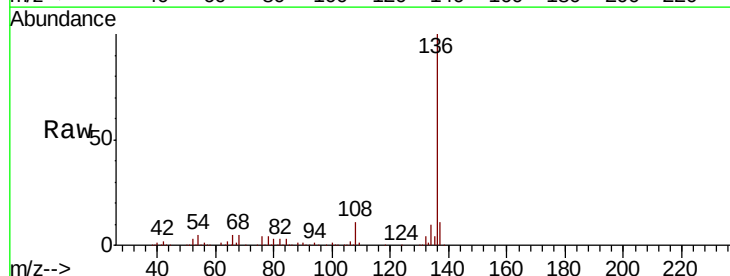
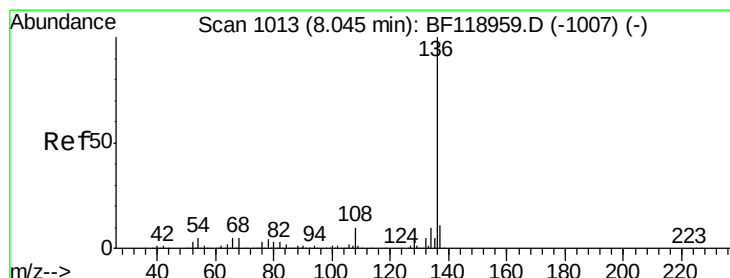
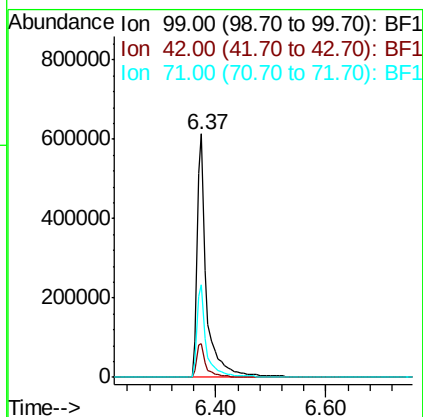
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

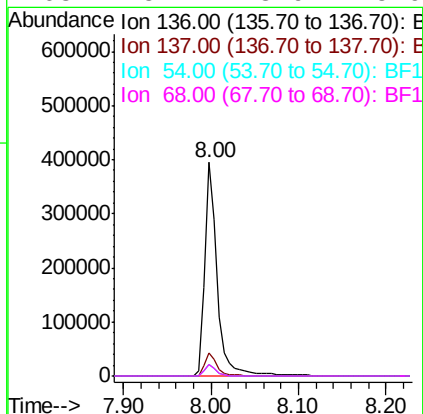
RT: 8.00 min Scan# 1005

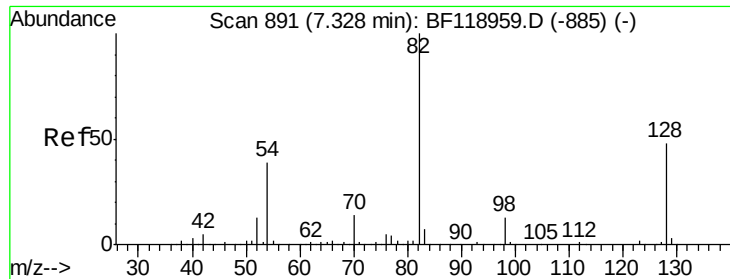
Delta R.T. -0.01 min

Lab File: BF119356.D

Acq: 11 Mar 2020 20:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		392370		
137	10.8	8.8	13.2		
54	5.3	3.8	5.6		
68	5.2	3.9	5.9		





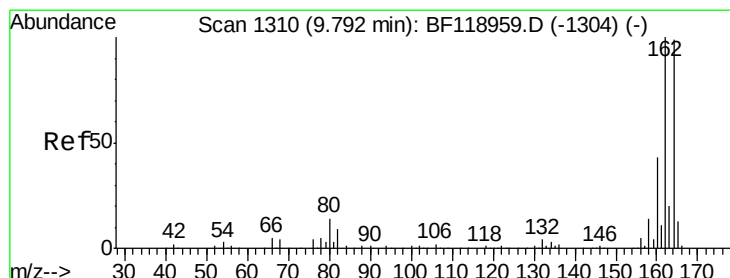
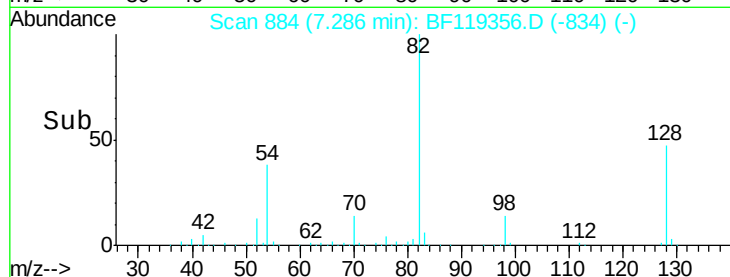
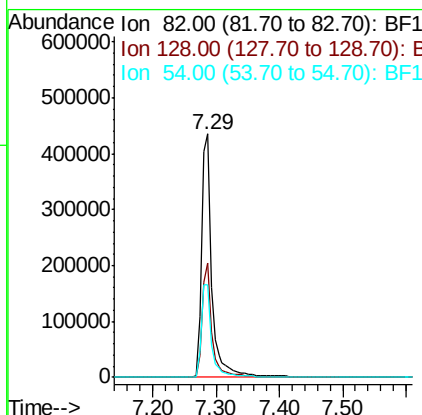
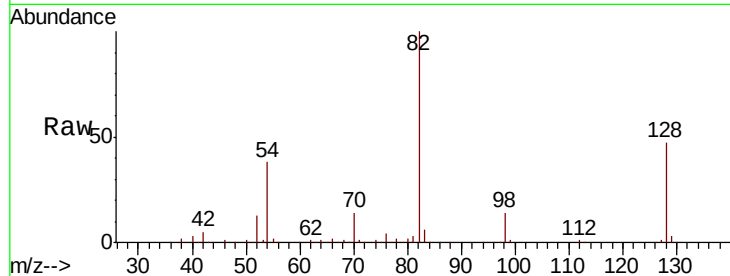
#23
 Nitrobenzene-d5
 Concen: 65.165 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF119356.D
 Acq: 11 Mar 2020 20:09

Instrument :
 BNA_F
 ClientSampled :
 TP-17-SA

Tot Ion	82	Resp	484254
Ion Ratio	Lower	Upper	
82	100		
128	47.1	37.9	56.9
54	38.0	33.4	50.2

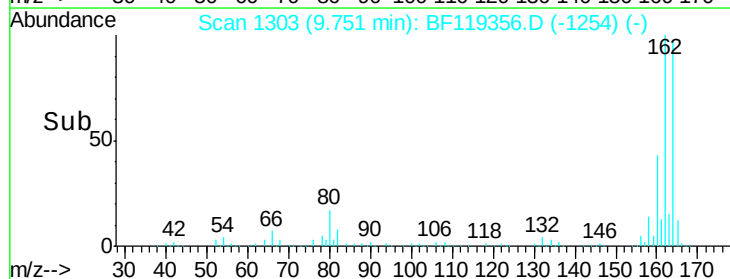
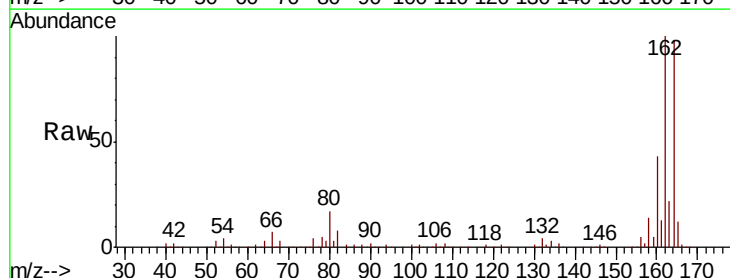
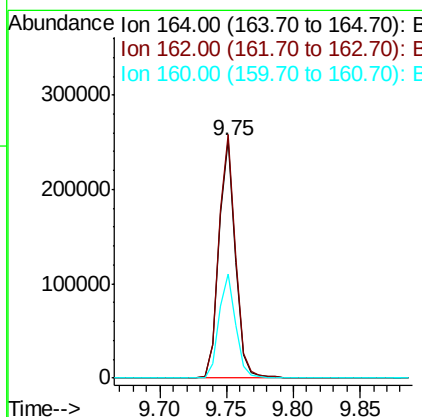
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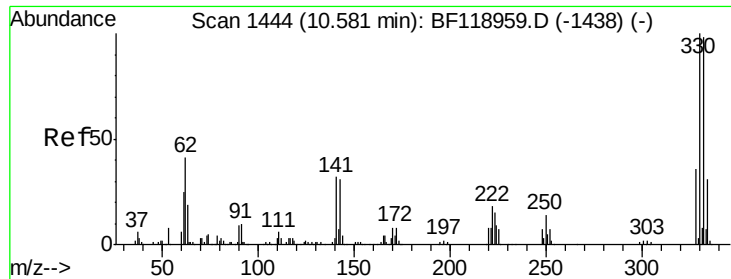
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF119356.D
 Acq: 11 Mar 2020 20:09

Tgt Ion	164	Resp	221179
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.8	122.8
160	43.7	36.0	54.0





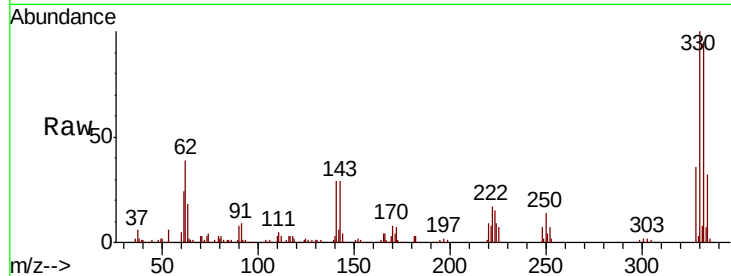
#42
 2,4,6-Tribromophenol
 Concen: 89.333 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF119356.D
 Acq: 11 Mar 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SA

Tot Ion	Ratio	Resp	Lower	Upper
330	100	258476		
332	96.0		76.0	114.0
141	30.9		22.9	34.3

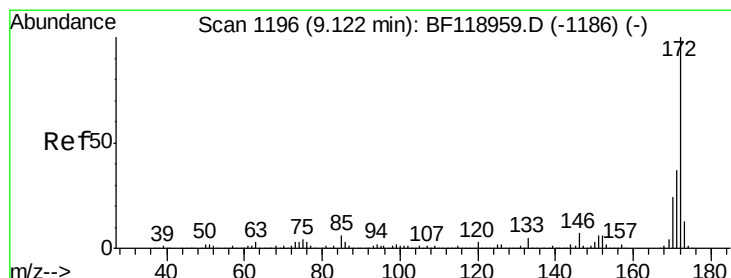
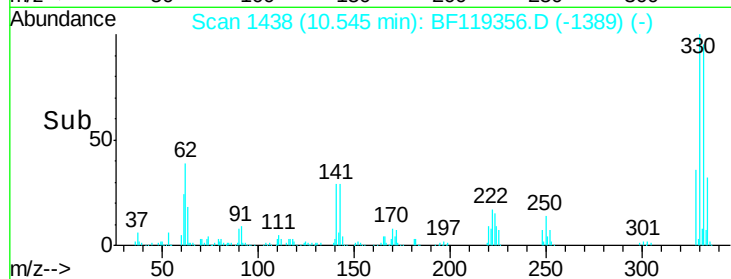
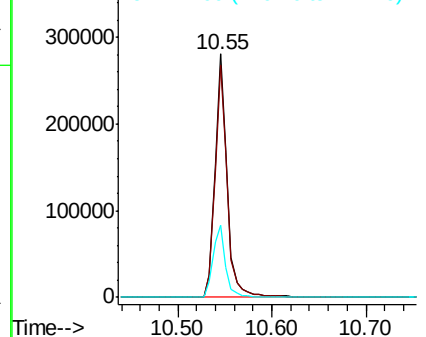
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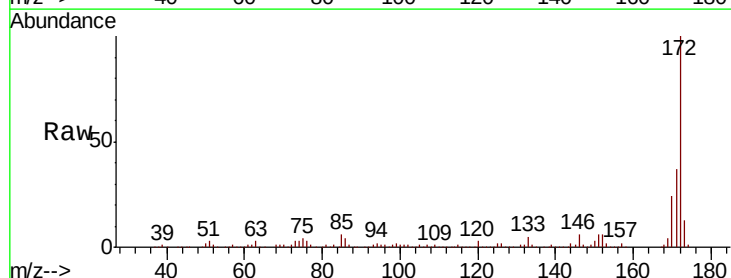
Abundance

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



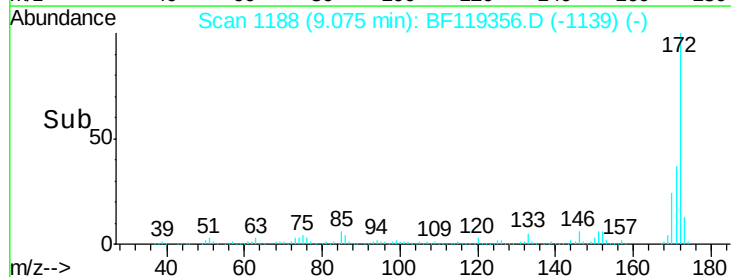
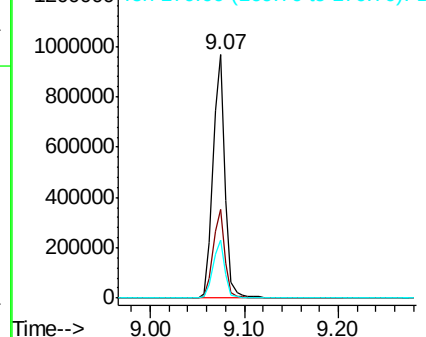
#45
 2-Fluorobiphenyl
 Concen: 58.188 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF119356.D
 Acq: 11 Mar 2020 20:09

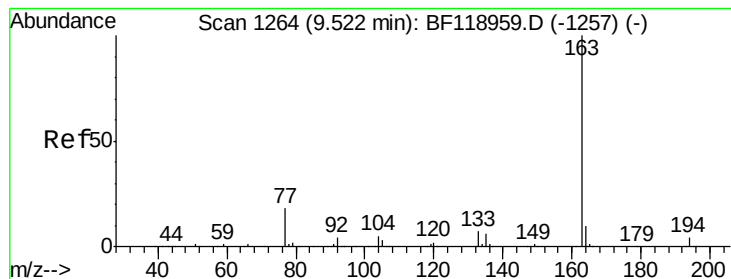
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	873629		
171	36.5		30.6	45.8
170	24.0		20.2	30.2



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: 4.949 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119356.D

Acq: 11 Mar 2020 20:09

Instrument :

BNA_F

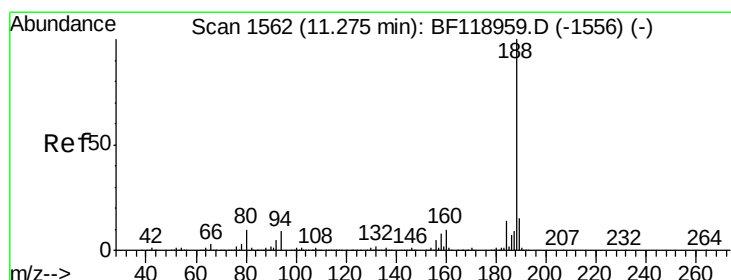
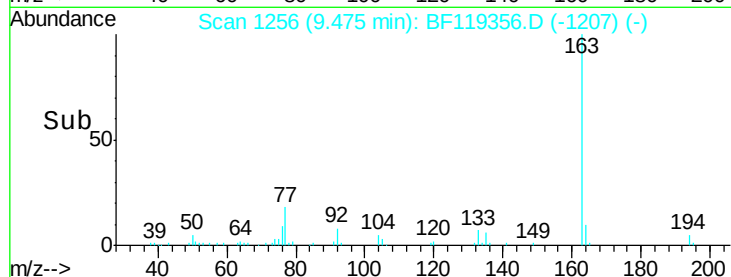
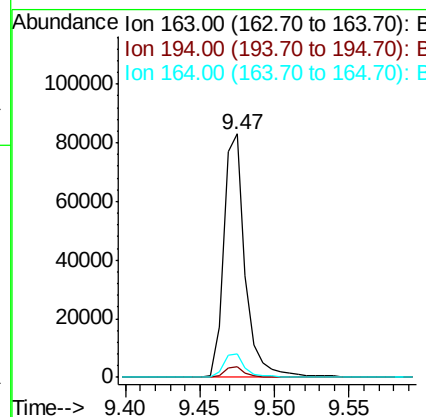
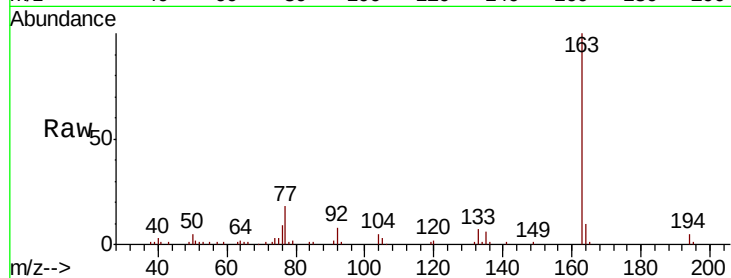
ClientSampleId :

TP-17-SA

Tot Ion:	163	Resp:	83711
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	9.9	8.4	12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

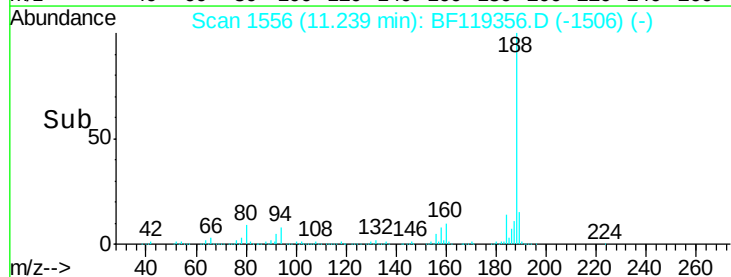
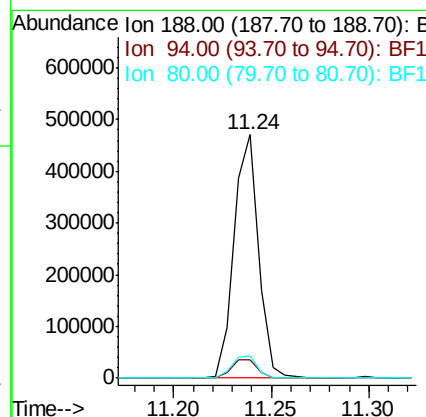
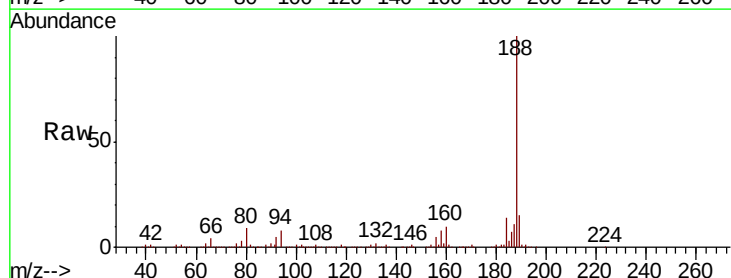
RT: 11.24 min Scan# 1556

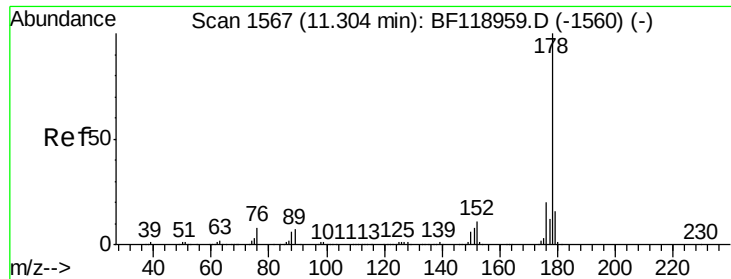
Delta R.T. -0.01 min

Lab File: BF119356.D

Acq: 11 Mar 2020 20:09

Tgt Ion:	188	Resp:	410024
Ion Ratio	Lower	Upper	
188	100		
94	7.6	7.1	10.7
80	8.9	7.8	11.8





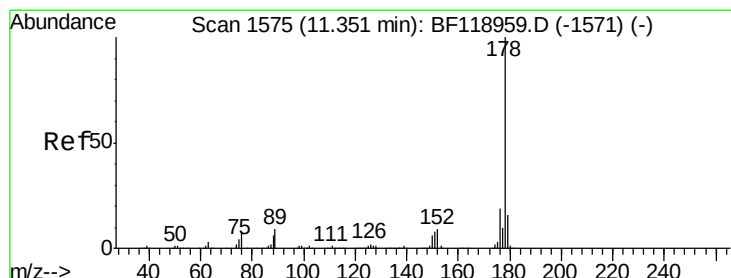
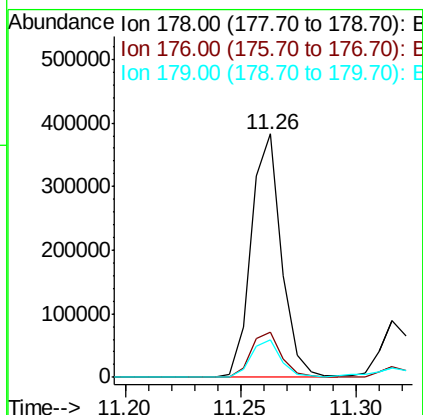
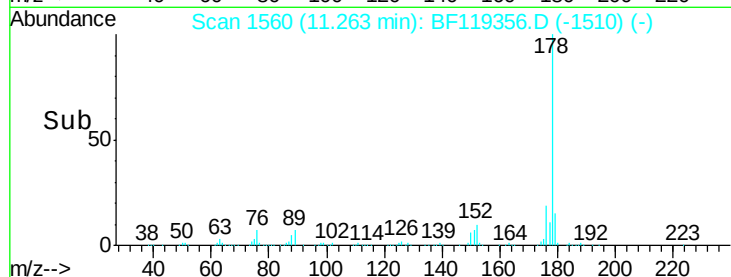
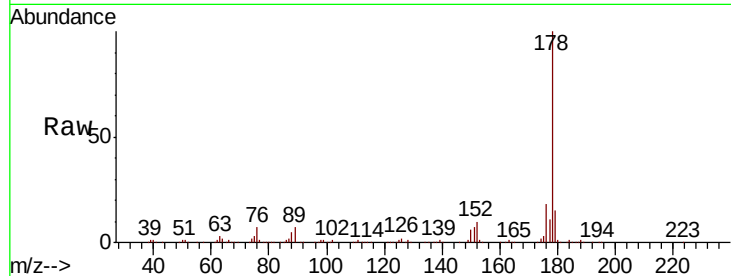
#71
Phenanthrene
Concen: 15.659 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF119356.D
Acq: 11 Mar 2020 20:09

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.5	24.7
179	15.2	13.0	19.6

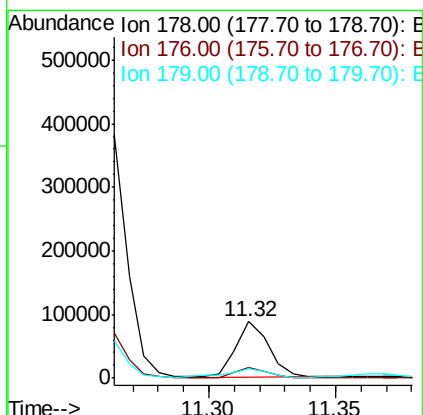
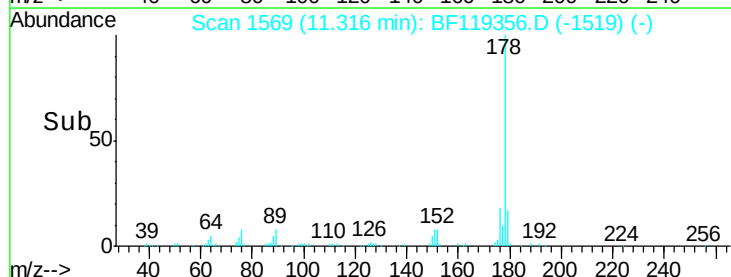
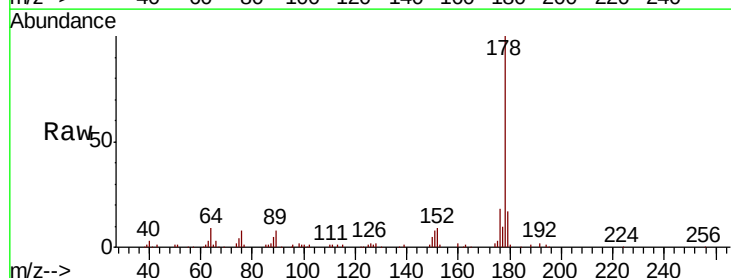
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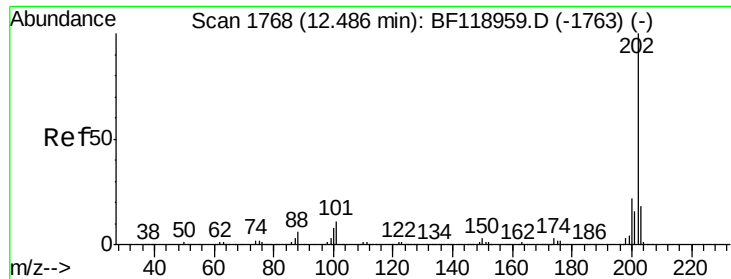
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#72
Anthracene
Concen: 3.566 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF119356.D
Acq: 11 Mar 2020 20:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.0	24.0
179	17.5	13.1	19.7





#75

Fluoranthene

Concen: 23.243 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF119356.D

Acq: 11 Mar 2020 20:09

Instrument :

BNA_F

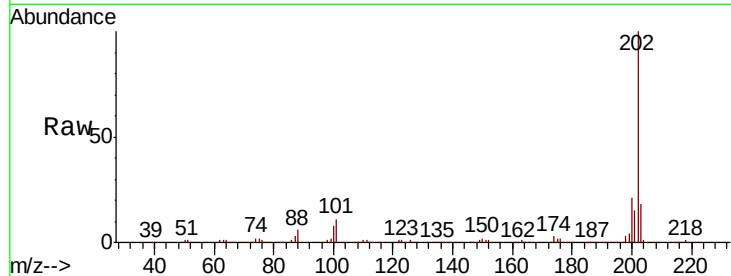
ClientSampleId :

TP-17-SA

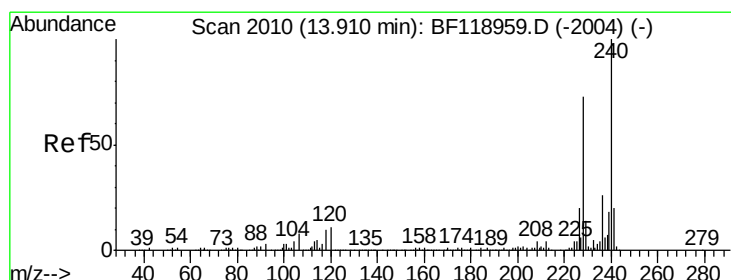
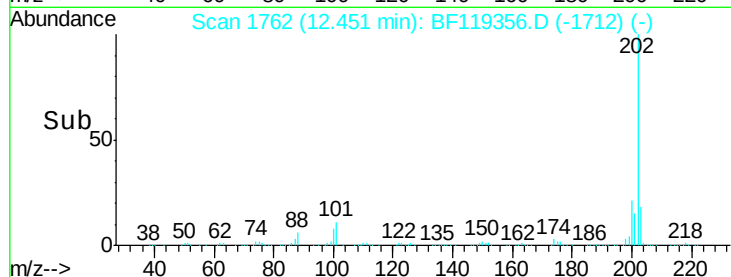
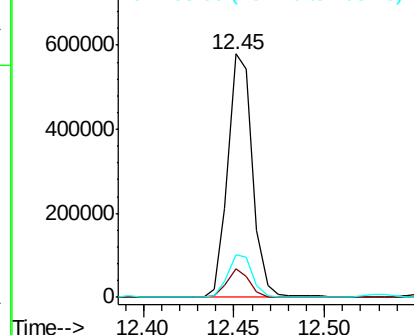
Tot Ion	Ratio	Resp	Lower	Upper
202	100	551689		
101	11.5		0.0	30.3
203	17.7		0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

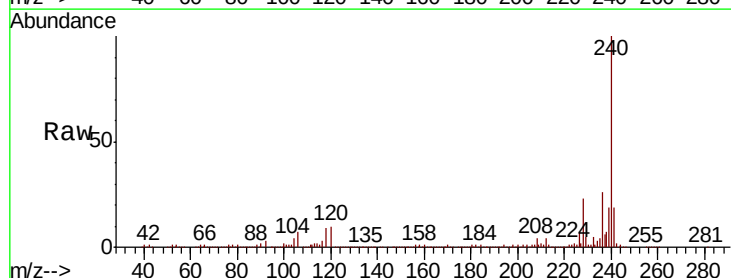
RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

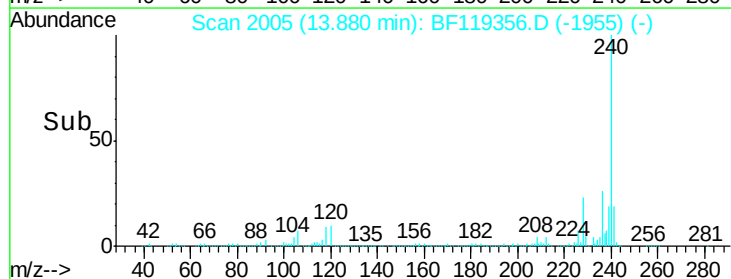
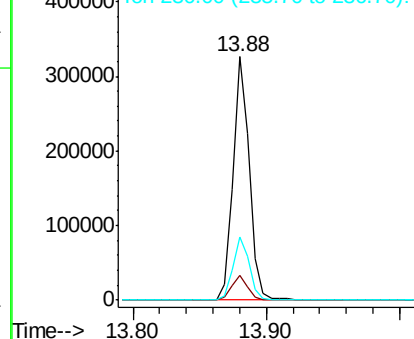
Lab File: BF119356.D

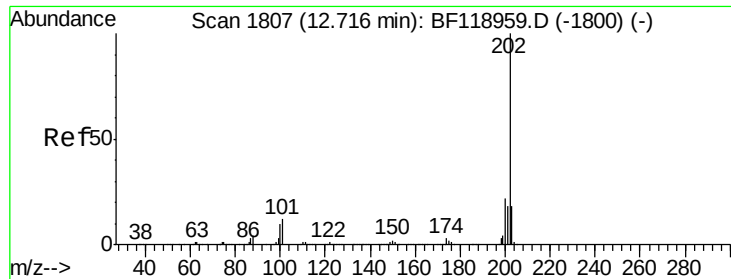
Acq: 11 Mar 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	281031		
120	10.2		8.4	12.6
236	25.8		21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 21.037 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF119356.D

Acq: 11 Mar 2020 20:09

Instrument :

BNA_F

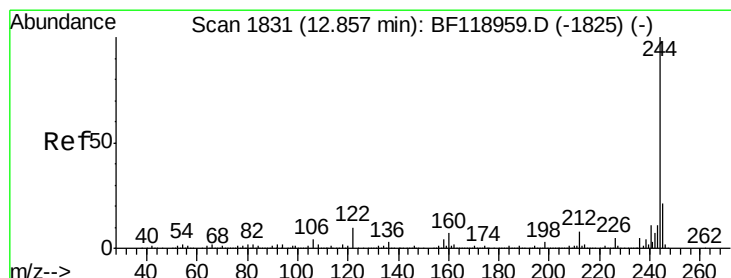
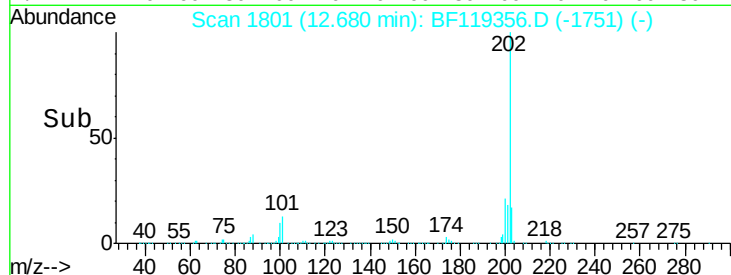
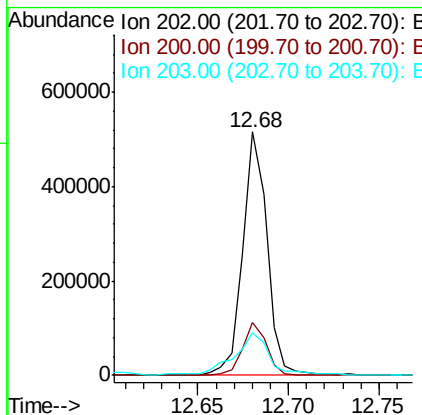
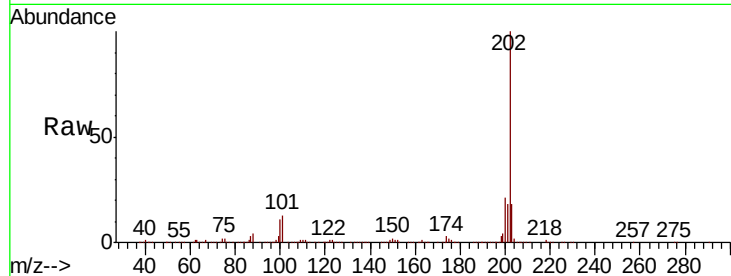
ClientSampleId :

TP-17-SA

Tot Ion:	202	Resp:	474737
Ion Ratio	Lower	Upper	
202	100		
200	21.5	18.0	27.0
203	17.5	14.6	22.0

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#79

Terphenyl-d14

Concen: 64.154 ng

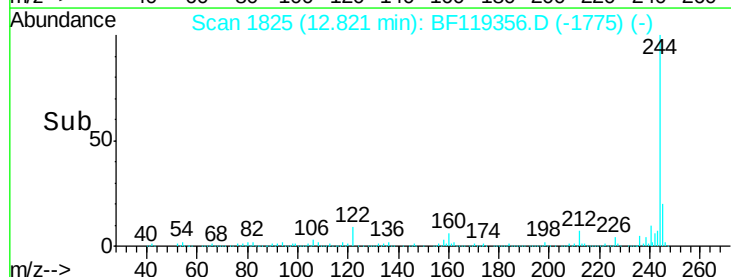
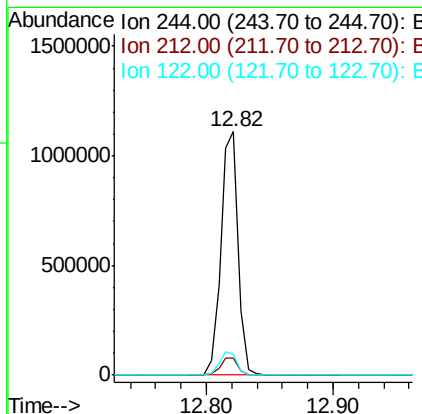
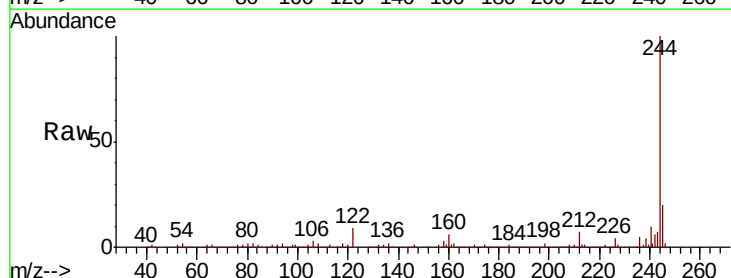
RT: 12.82 min Scan# 1825

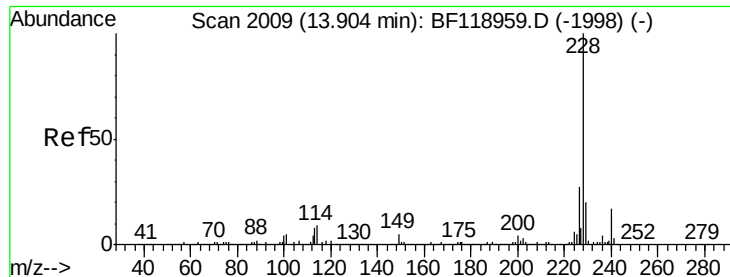
Delta R.T. -0.01 min

Lab File: BF119356.D

Acq: 11 Mar 2020 20:09

Tgt Ion:	244	Resp:	1047187
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.6	10.0
122	8.6	8.2	12.2





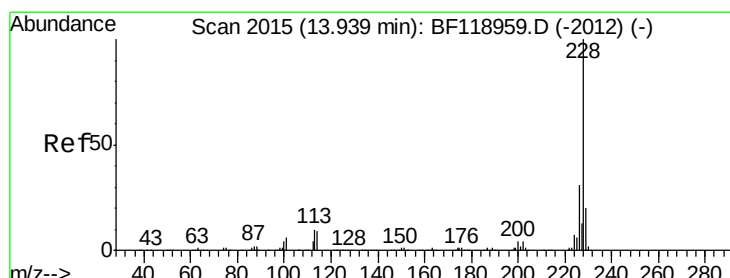
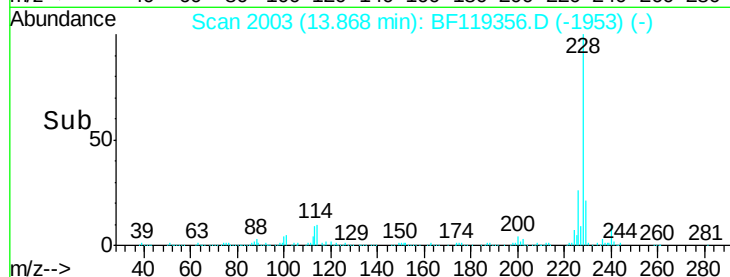
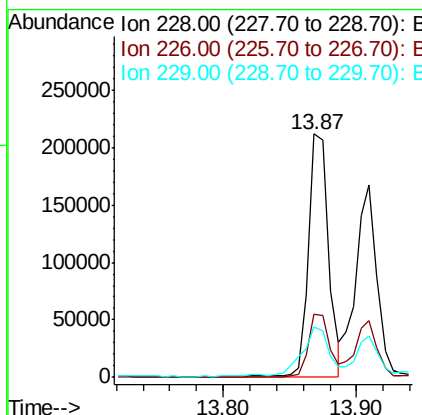
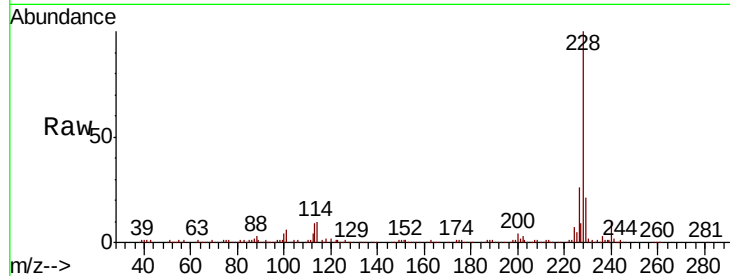
#81
Benzo(a)anthracene
Concen: 11.250 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF119356.D
Acq: 11 Mar 2020 20:09

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	20.9	16.6	24.8

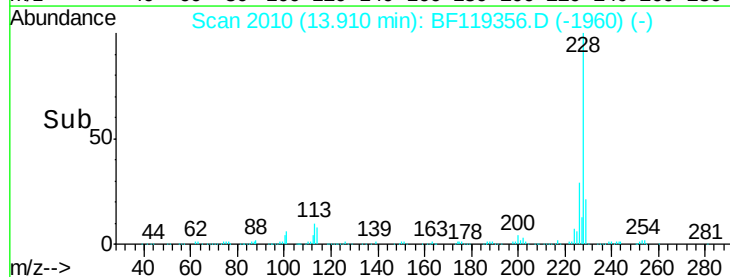
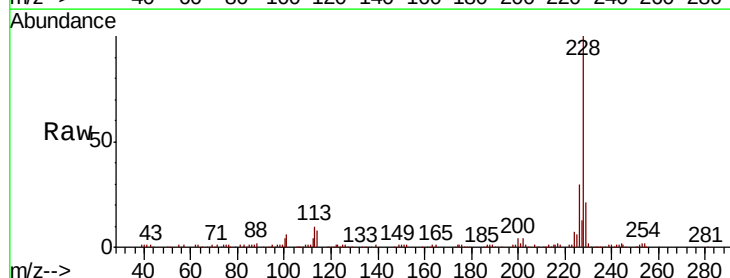
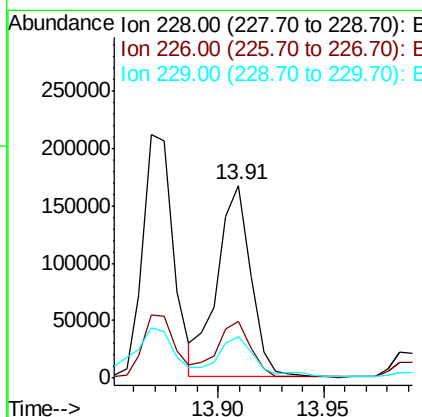
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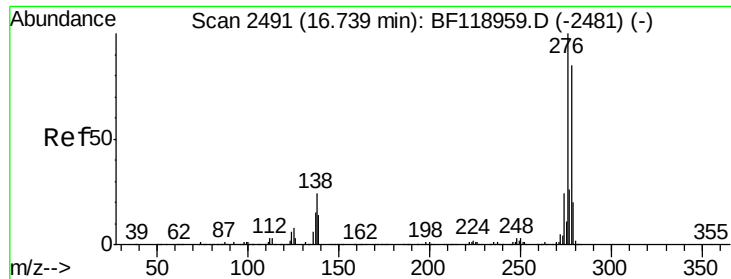
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#83
Chrysene
Concen: 9.663 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF119356.D
Acq: 11 Mar 2020 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.1	37.7
229	21.5	16.3	24.5





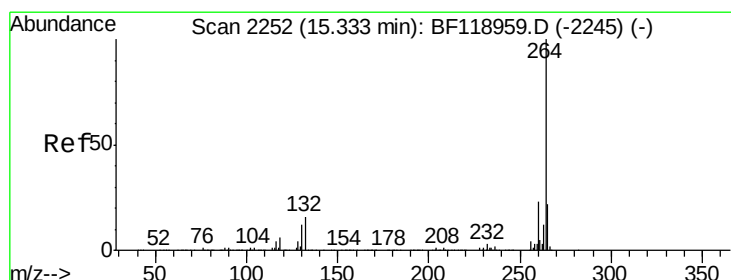
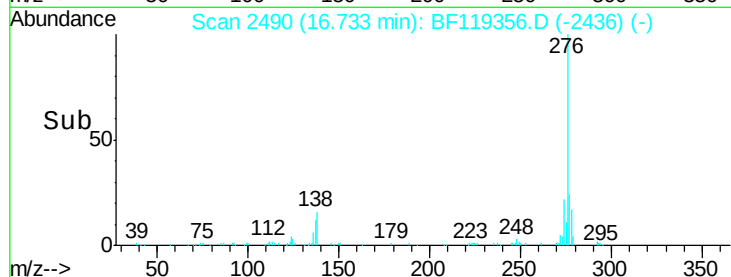
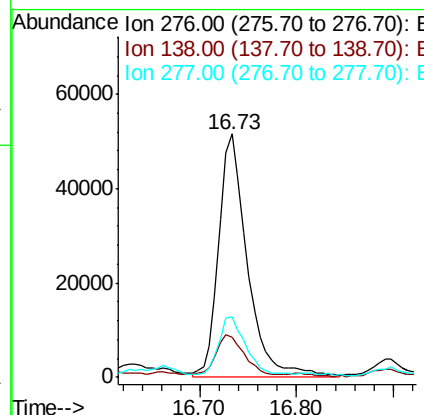
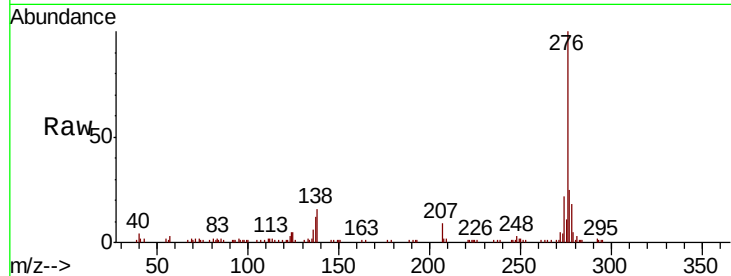
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 5.792 ng/ml
 RT: 16.73 min Scan# 2490
 Delta R.T. 0.02 min
 Lab File: BF119356.D
 Acq: 11 Mar 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SA

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.4	17.4	26.0#
277	1.6	20.3	30.5#

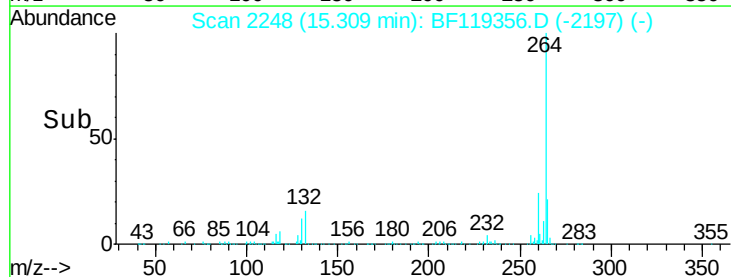
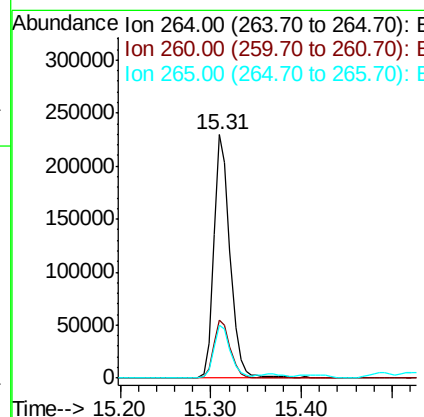
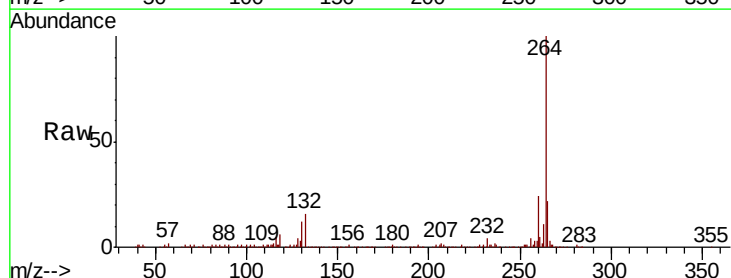
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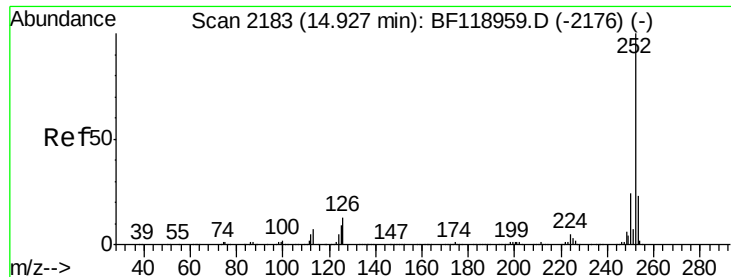
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF119356.D
 Acq: 11 Mar 2020 20:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.6	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 11.725 ng m

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF119356.D

Acq: 11 Mar 2020 20:09

Instrument :

BNA_F

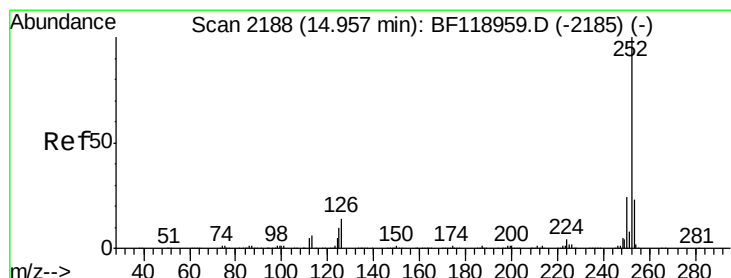
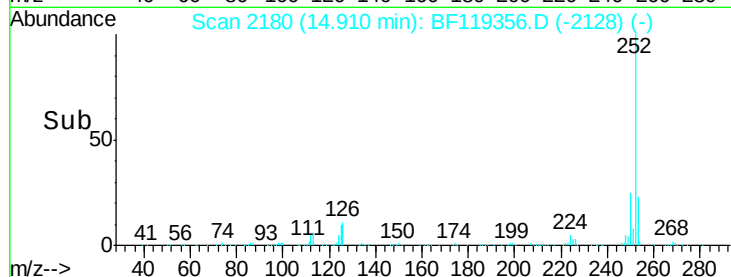
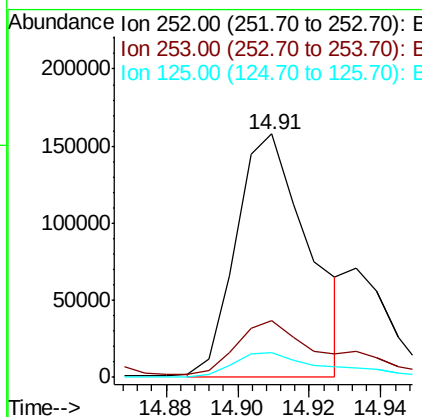
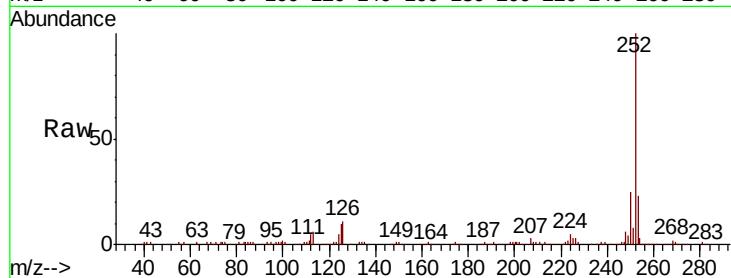
ClientSampleId :

TP-17-SA

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.3	7.4	11.0

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#89

Benzo(k)fluoranthene

Concen: 3.464 ng m

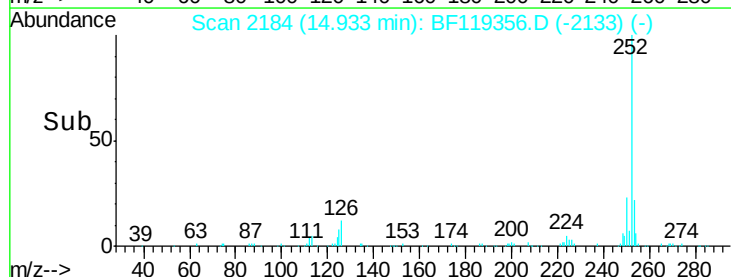
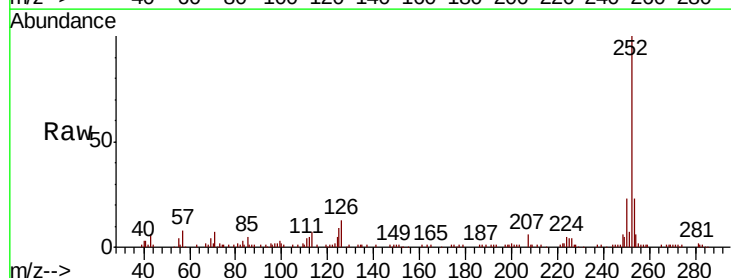
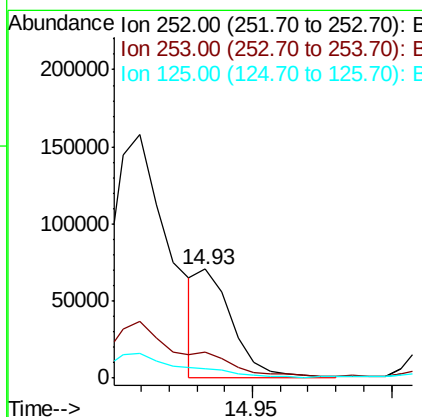
RT: 14.93 min Scan# 2184

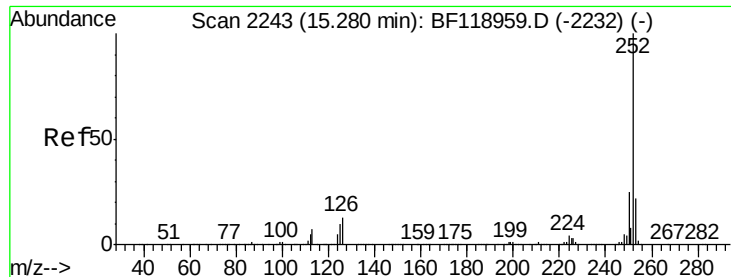
Delta R.T. 0.00 min

Lab File: BF119356.D

Acq: 11 Mar 2020 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	8.7	7.5	11.3





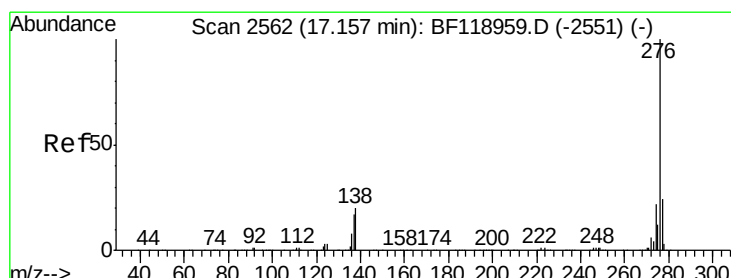
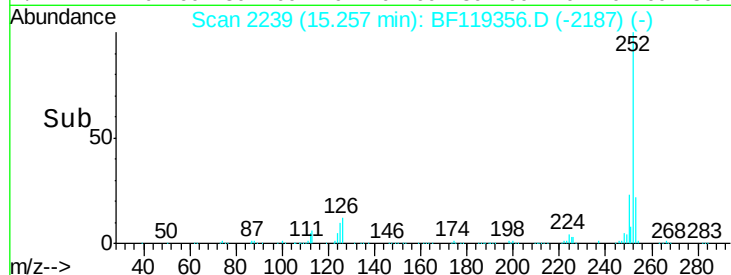
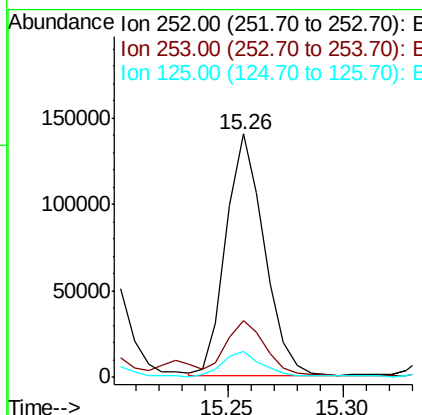
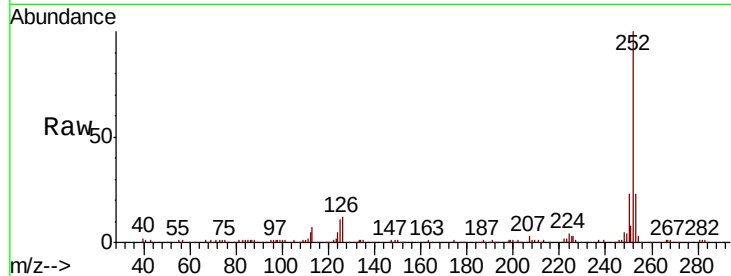
#90
Benzo(a)pyrene
Concen: 9.497 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119356.D
Acq: 11 Mar 2020 20:09

Instrument :
BNA_F
ClientSampleId :
TP-17-SA

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	10.5	8.6	12.8

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#92
Benzo(g,h,i)perylene
Concen: 6.152 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.02 min
Lab File: BF119356.D
Acq: 11 Mar 2020 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.7	28.1
138	19.0	14.3	21.5

