

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119305.D
 Acq On : 10 Mar 2020 1:53
 Operator : CG/JU
 Sample : L1778-23
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S9

Manual Integrations
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 3/10/2020 2:44:45 PM

Quant Time: Mar 10 03:13:10 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	105926	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	399738	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	216040	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	362754	20.00	ng	0.00
76) Chrysene-d12	13.89	240	263202	20.00	ng	0.00
87) Perylene-d12	15.32	264	266263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	570176	89.96	ng	0.00
7) Phenol-d6	6.38	99	701093	90.95	ng	0.00
23) Nitrobenzene-d5	7.29	82	442444	58.44	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	217955	77.12	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	883237	60.23	ng	0.00
79) Terphenyl-d14	12.82	244	882039	57.70	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.47	163	54885	3.322	ng	99
75) Fluoranthene	12.46	202	133427	6.354	ng	99
78) Pyrene	12.69	202	171937	8.135	ng	97
81) Benzo(a)anthracene	13.87	228	106760	5.953	ng	98
83) Chrysene	13.91	228	128669	7.201	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	93213	5.387	ng	95
88) Benzo(b)fluoranthene	14.91	252	287611m	16.388	ng	
89) Benzo(k)fluoranthene	14.93	252	83897m	5.158	ng	
90) Benzo(a)pyrene	15.26	252	120063	7.580	ng	95
92) Benzo(g,h,i)perylene	17.16	276	80855	5.872	ng	94

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

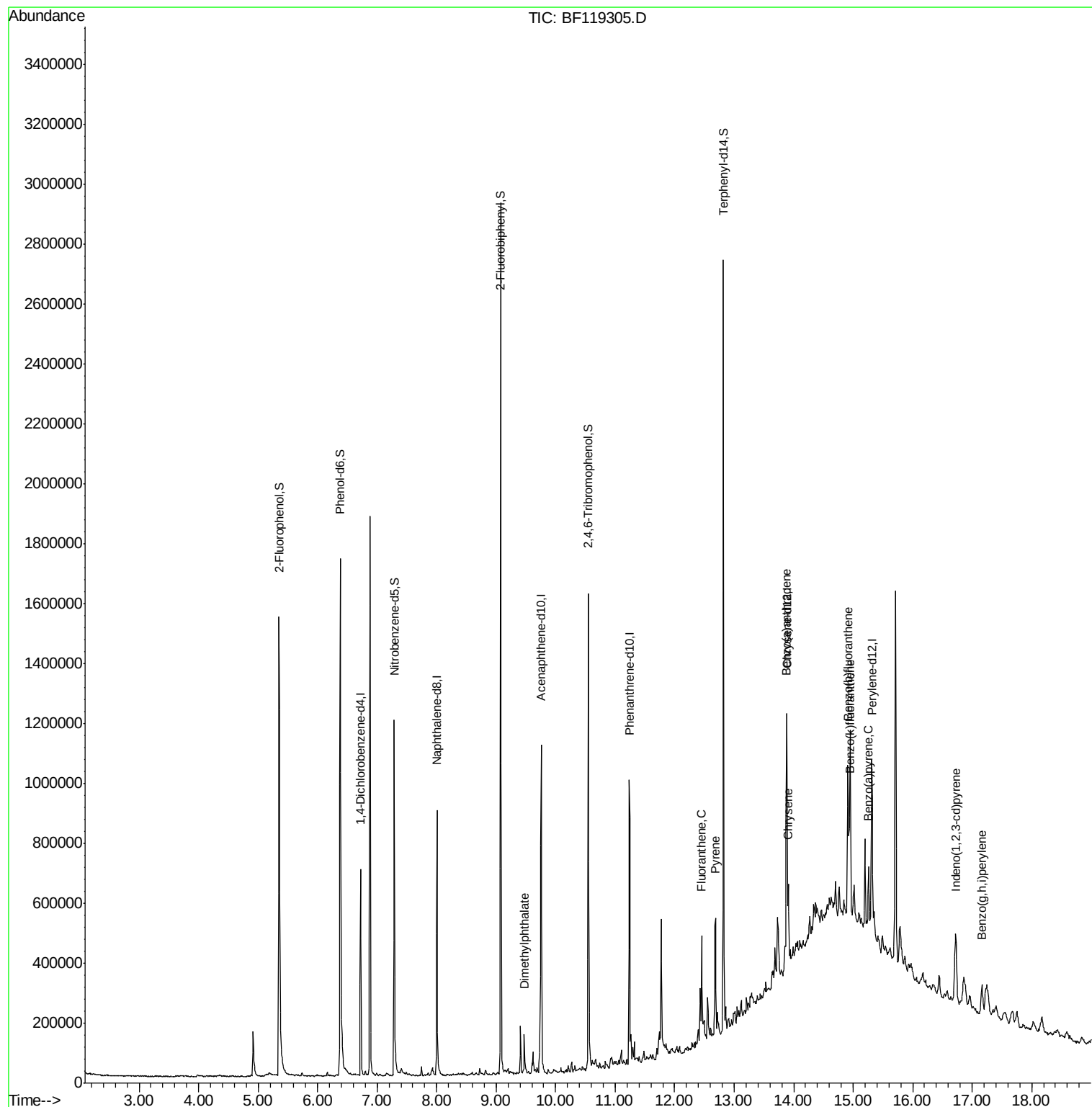
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
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ALS Vial : 17 Sample Multiplier: 1

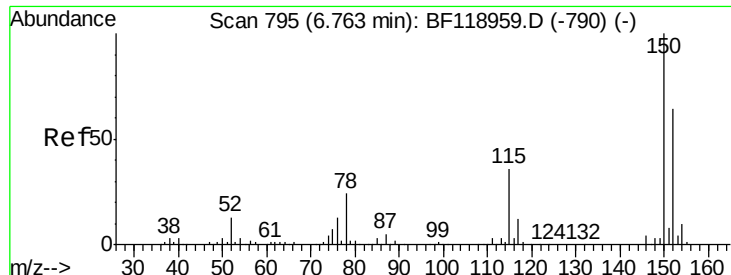
Instrument :
BNA_F
ClientSampleId :
S9

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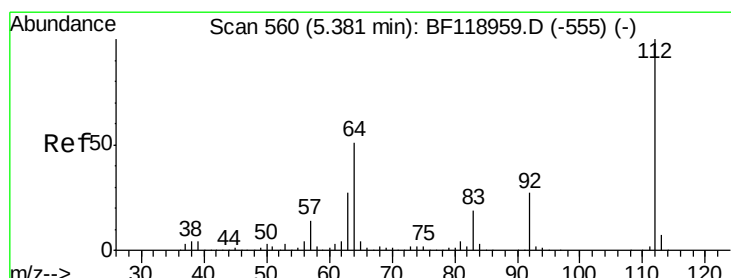
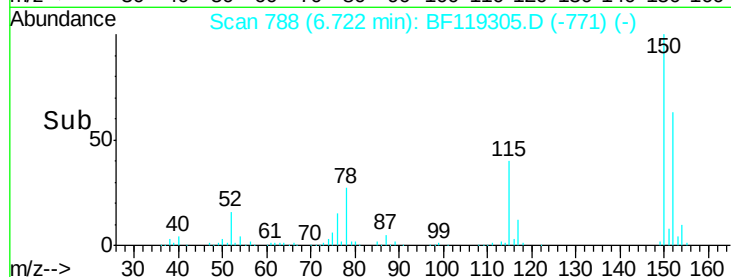
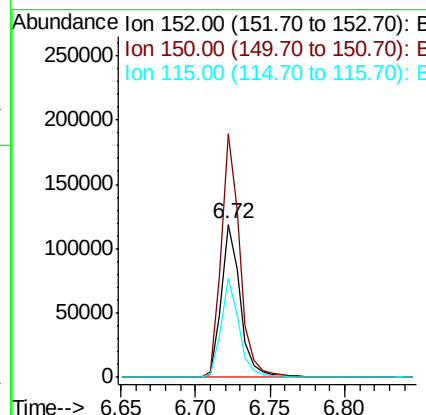
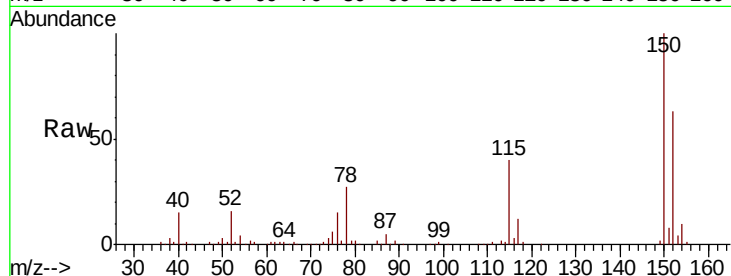
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF119305.D
 Acq: 10 Mar 2020 1:53

Instrument :
 BNA_F
 ClientSampled :
 S9

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.0	184.6
115	64.2	49.5	74.3

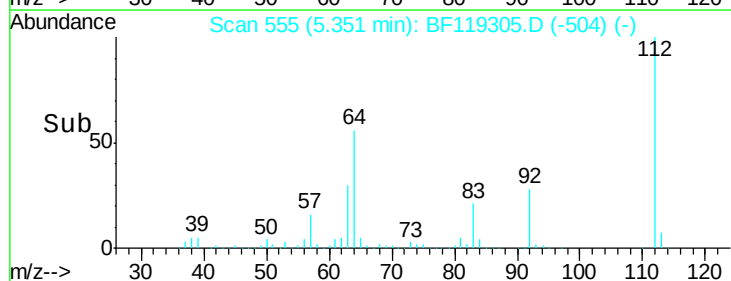
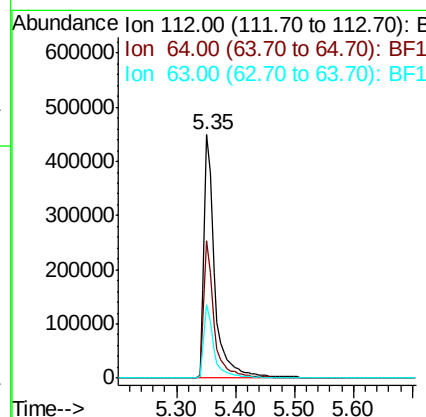
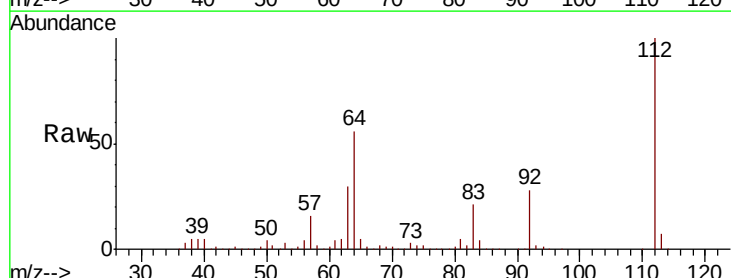
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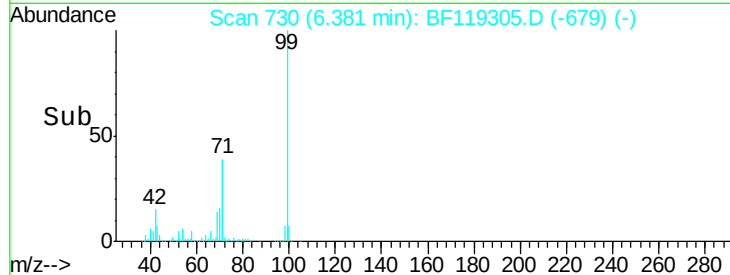
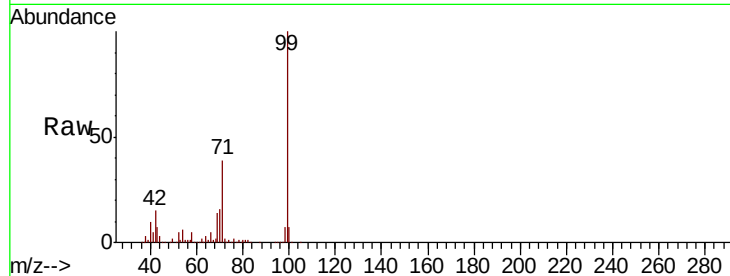
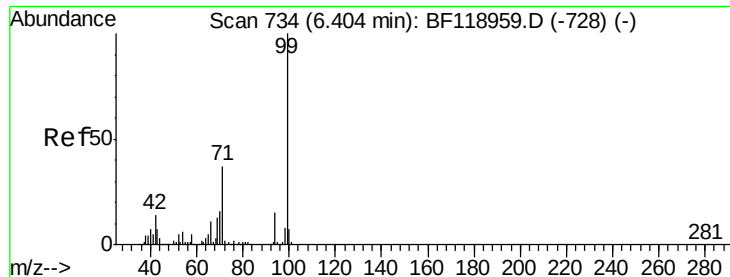
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#5
 2-Fluorophenol
 Concen: 89.956 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF119305.D
 Acq: 10 Mar 2020 1:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.0	67.4
63	30.0	24.2	36.4





#7

Phenol-d6

Concen: 90.949 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119305.D

Acq: 10 Mar 2020 1:53

Tot Ion:	99	Resp:	701093
Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.6	18.8
71	38.7	31.0	46.4

Instrument :

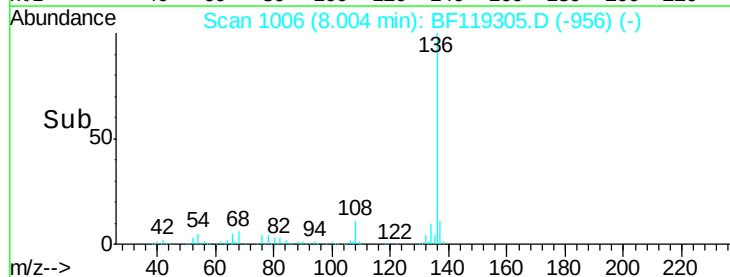
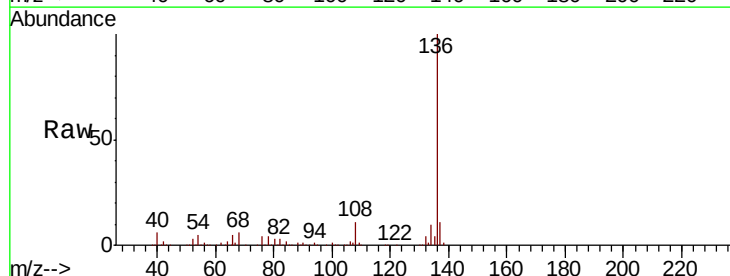
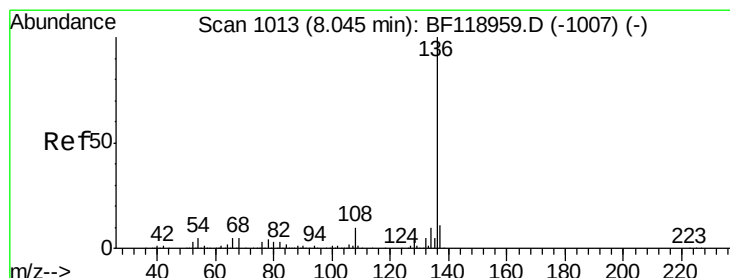
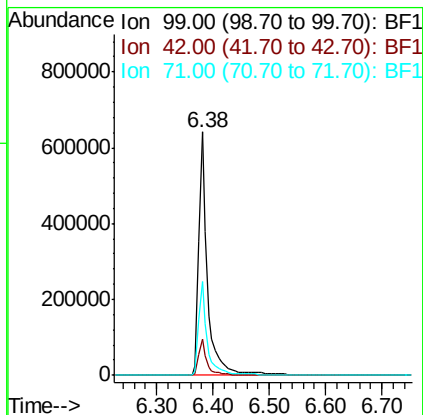
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

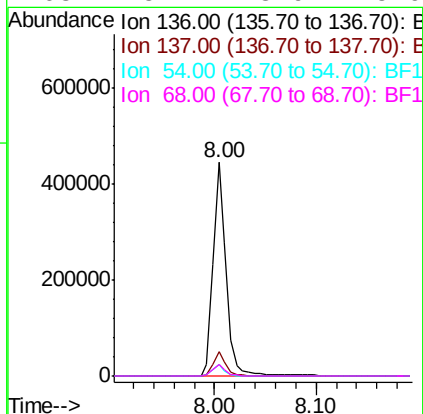
RT: 8.00 min Scan# 1006

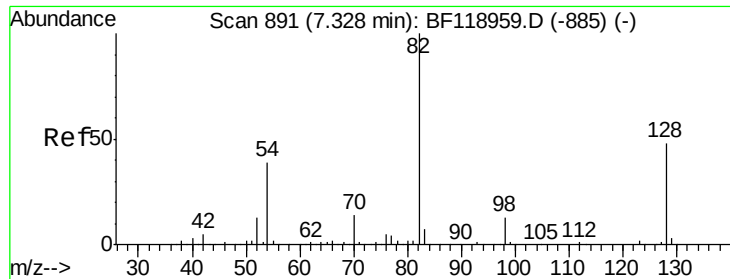
Delta R.T. -0.01 min

Lab File: BF119305.D

Acq: 10 Mar 2020 1:53

Tgt Ion:	136	Resp:	399738
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.2	3.8	5.6
68	5.7	3.9	5.9





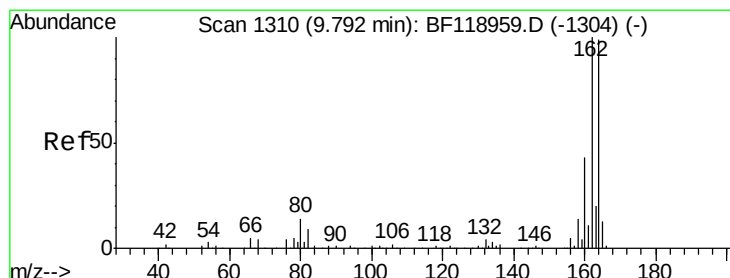
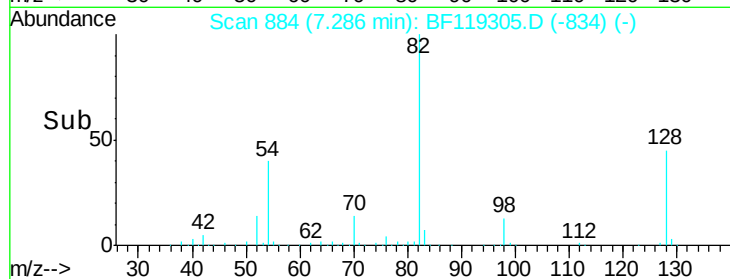
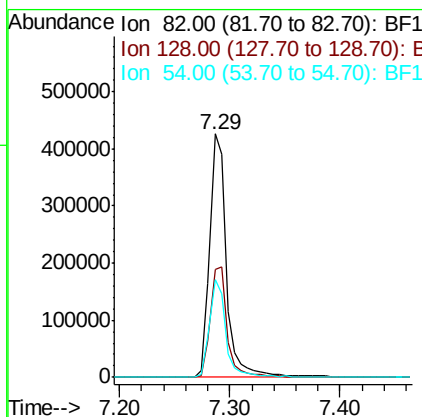
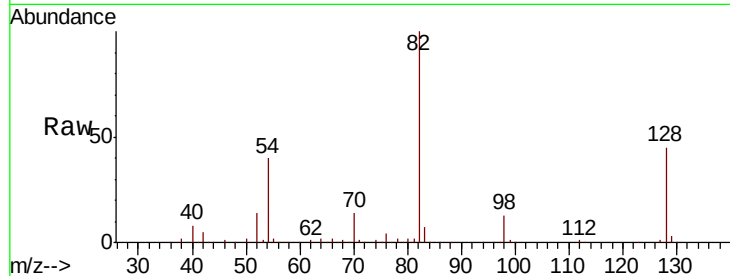
#23
 Nitrobenzene-d5
 Concen: 58.441 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF119305.D
 Acq: 10 Mar 2020 1:53

Instrument :
 BNA_F
 ClientSampled :
 S9

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.9	56.9
54	40.3	33.4	50.2

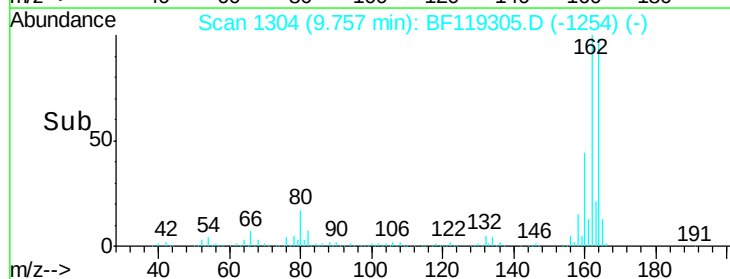
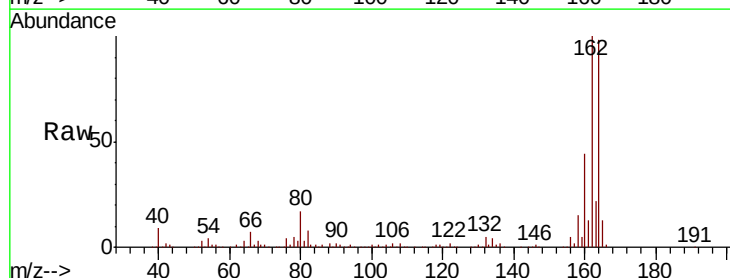
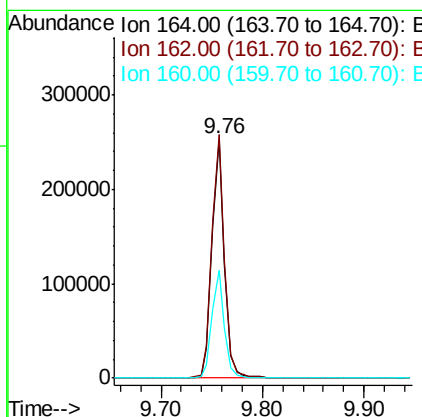
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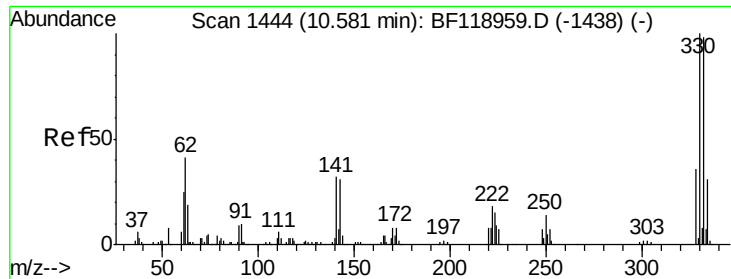
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119305.D
 Acq: 10 Mar 2020 1:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.8
160	45.0	36.0	54.0





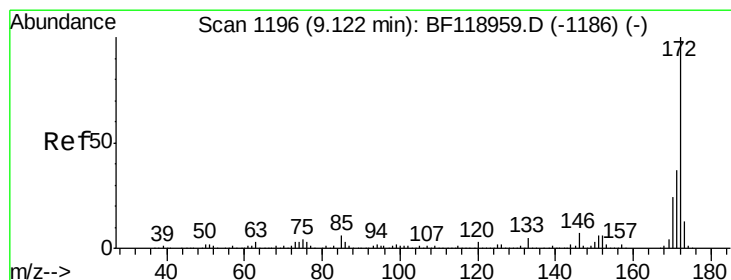
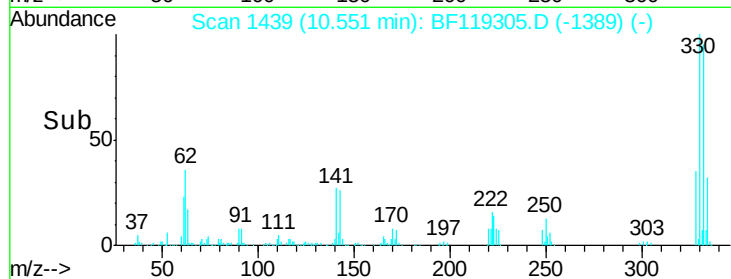
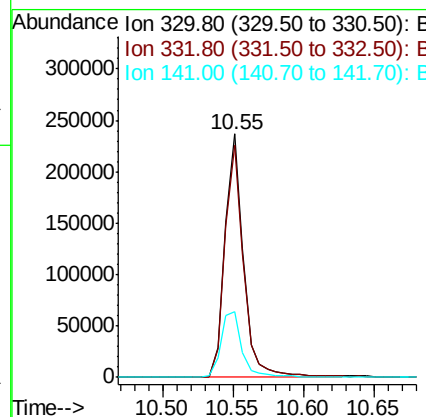
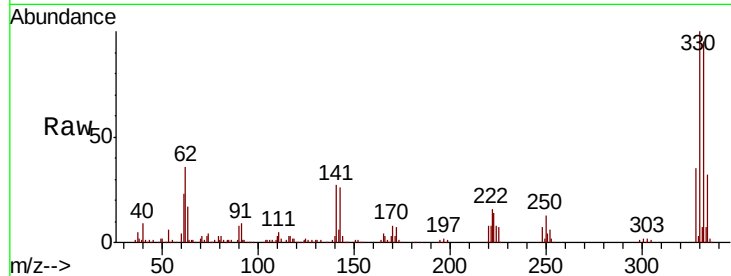
#42
 2,4,6-Tribromophenol
 Concen: 77.120 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119305.D
 Acq: 10 Mar 2020 1:53

Instrument :
 BNA_F
 ClientSampled :
 S9

Tot Ion	Ratio	Resp	Lower	Upper
330	100	217955		
332	96.9	76.0	114.0	
141	31.2	22.9	34.3	

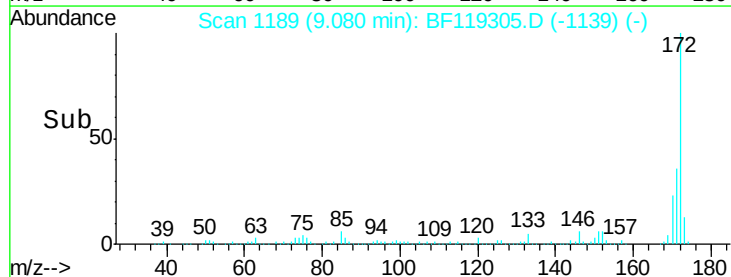
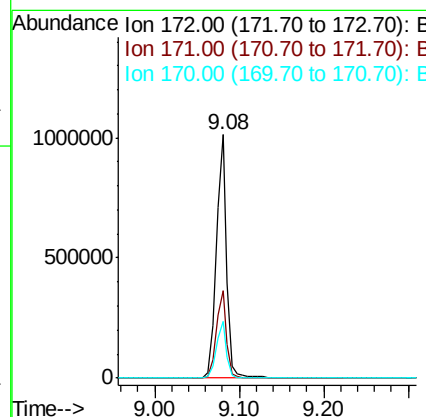
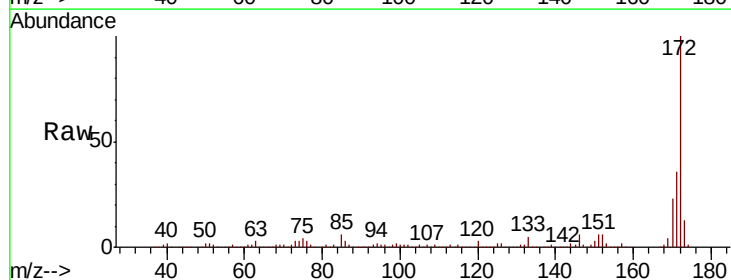
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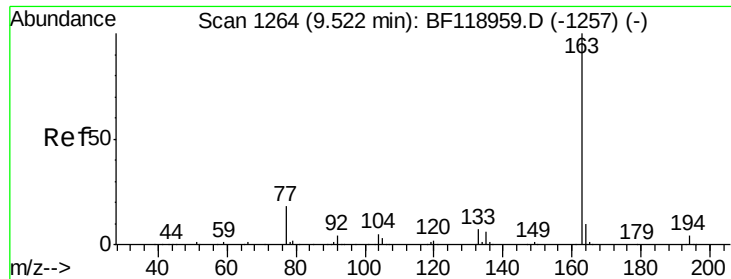
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#45
 2-Fluorobiphenyl
 Concen: 60.228 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119305.D
 Acq: 10 Mar 2020 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	883237		
171	35.8	30.6	45.8	
170	23.4	20.2	30.2	





#50

Dimethylphthalate

Concen: 3.322 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119305.D

Acq: 10 Mar 2020 1:53

Instrument :

BNA_F

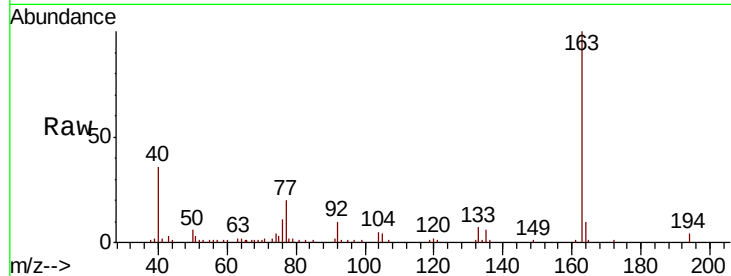
ClientSampleId :

S9

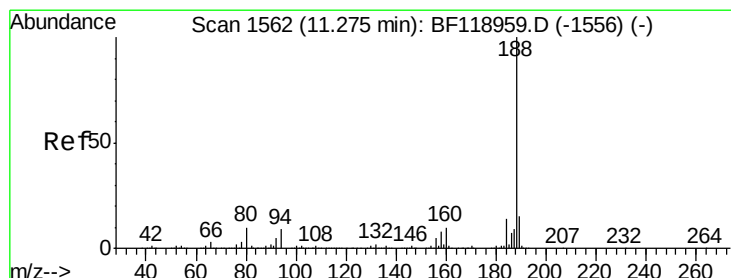
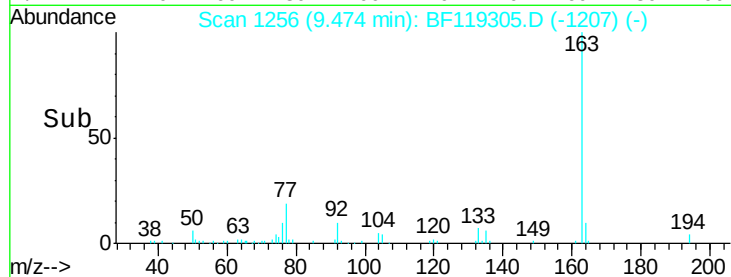
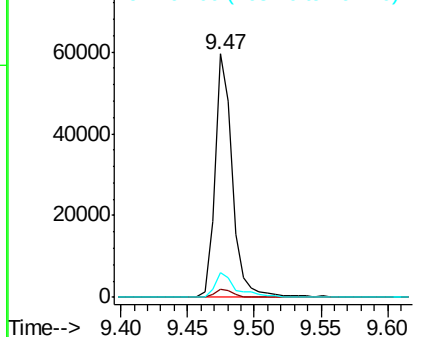
Tot Ion:	163	Resp:	54885
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.5	5.3
164	10.3	8.4	12.6

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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

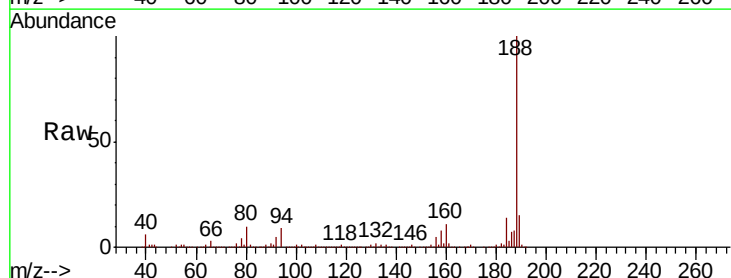
RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

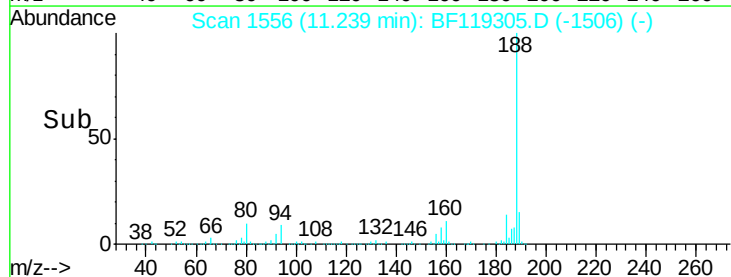
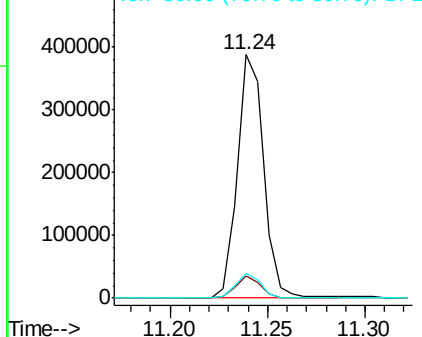
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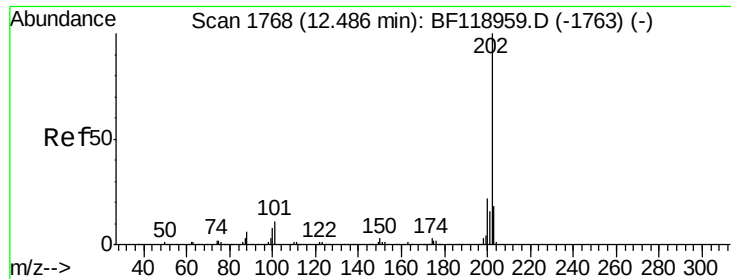
Acq: 10 Mar 2020 1:53

Tgt Ion:	188	Resp:	362754
Ion Ratio	Lower	Upper	
188	100		
94	9.0	7.1	10.7
80	10.0	7.8	11.8



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





#75

Fluoranthene

Concen: 6.354 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF119305.D

Acq: 10 Mar 2020 1:53

Instrument :

BNA_F

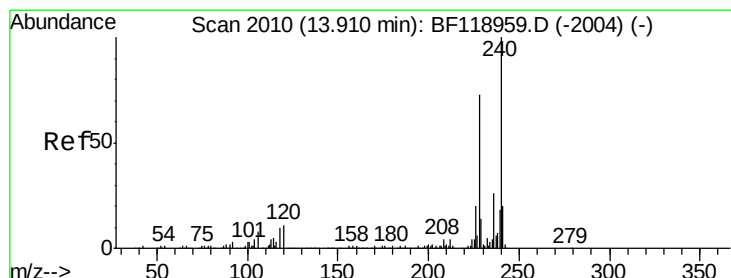
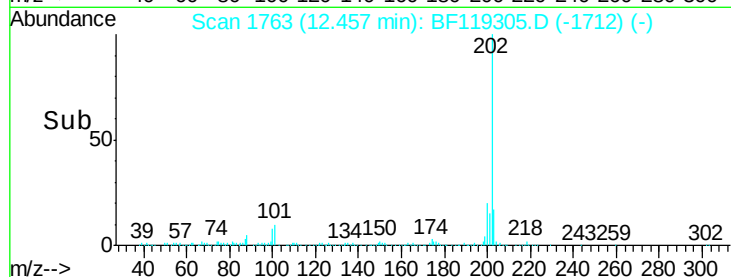
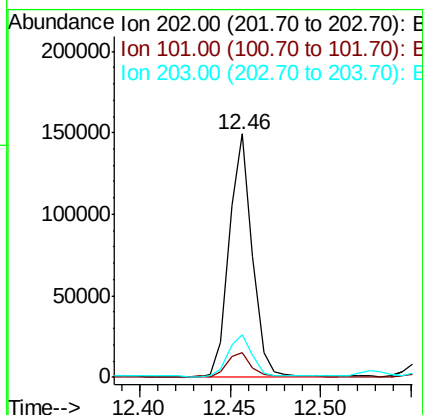
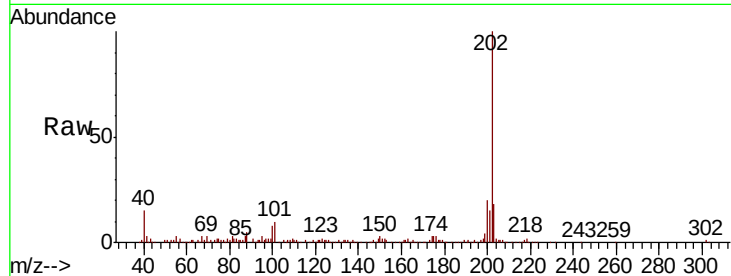
ClientSampleId :

S9

Tot Ion:	202	Resp:	133427
Ion Ratio		Lower	Upper
202	100		
101	10.1	0.0	30.3
203	17.6	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

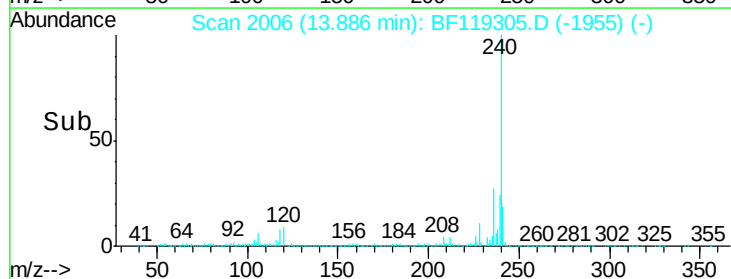
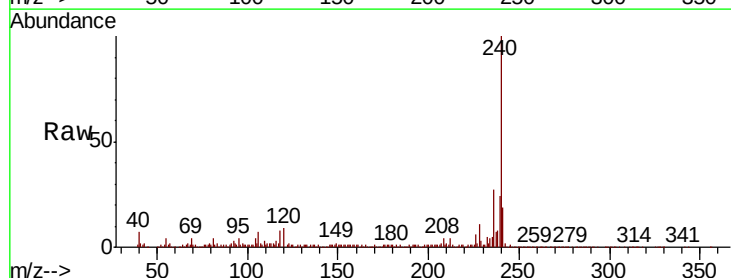
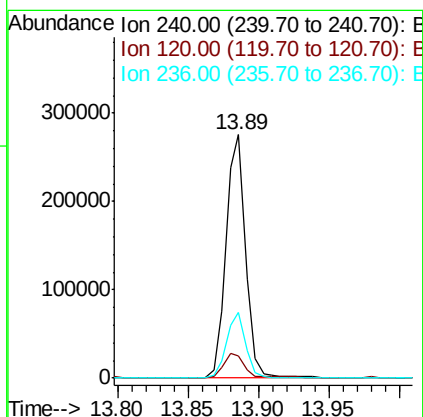
RT: 13.89 min Scan# 2006

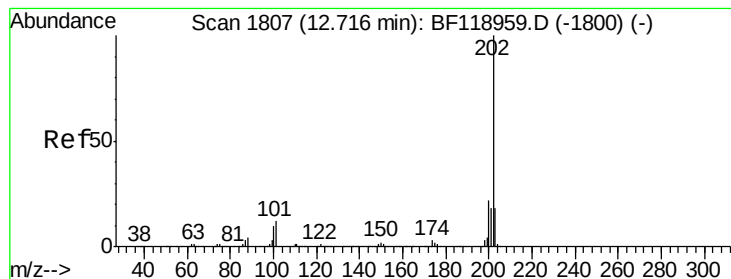
Delta R.T. -0.00 min

Lab File: BF119305.D

Acq: 10 Mar 2020 1:53

Tgt Ion:	240	Resp:	263202
Ion Ratio		Lower	Upper
240	100		
120	9.1	8.4	12.6
236	27.0	21.0	31.4





#78

Pvrene

Concen: 8.135 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF119305.D

Acq: 10 Mar 2020 1:53

Instrument :

BNA_F

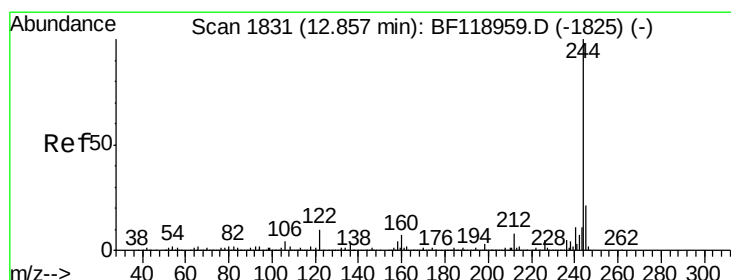
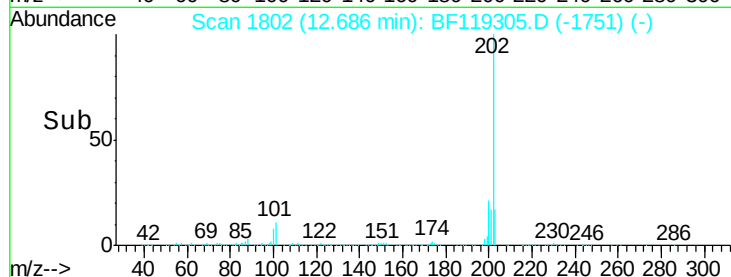
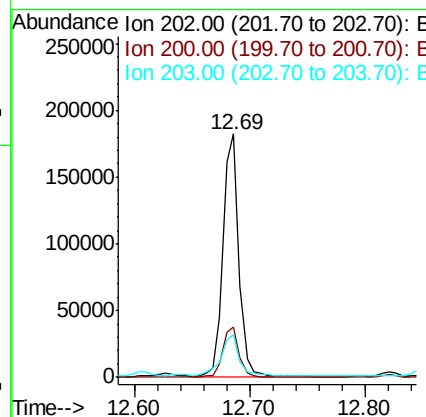
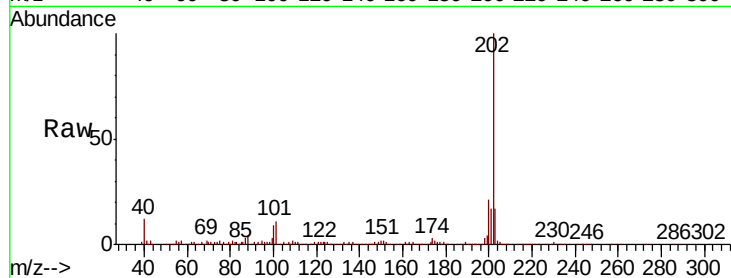
ClientSampled :

S9

Tot Ion:	202	Resp:	171937
Ion Ratio		Lower	Upper
202	100		
200	20.7	18.0	27.0
203	17.5	14.6	22.0

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#79

Terphenyl-d14

Concen: 57.697 ng

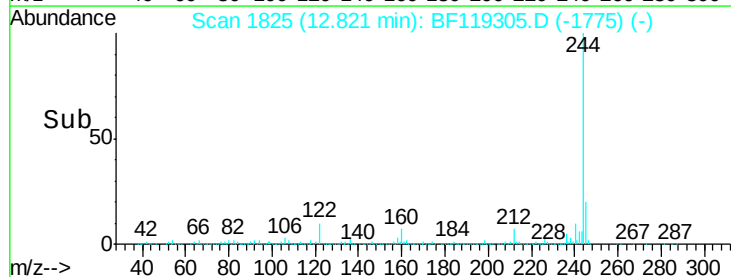
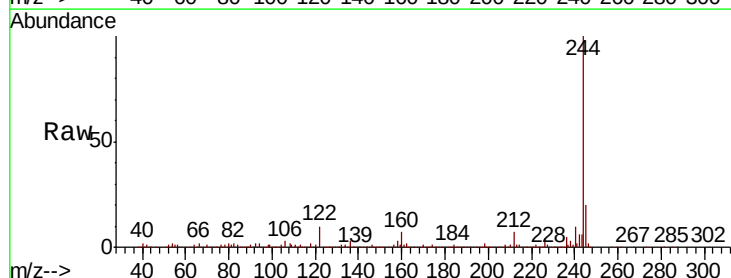
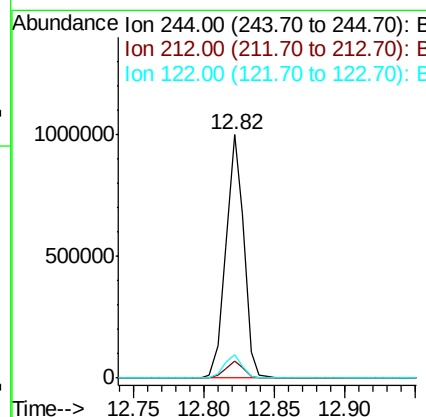
RT: 12.82 min Scan# 1825

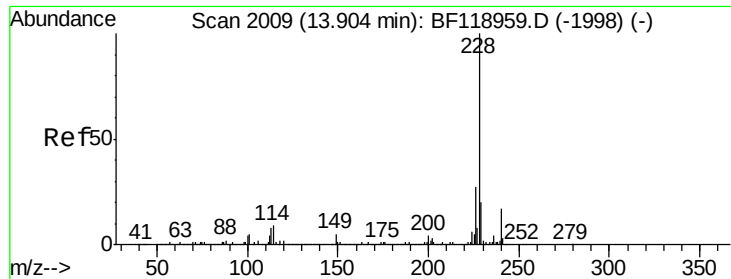
Delta R.T. -0.01 min

Lab File: BF119305.D

Acq: 10 Mar 2020 1:53

Tgt Ion:	244	Resp:	882039
Ion Ratio		Lower	Upper
244	100		
212	7.2	6.6	10.0
122	9.9	8.2	12.2





#81

Benzo(a)anthracene

Concen: 5.953 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF119305.D

Acq: 10 Mar 2020 1:53

Instrument :

BNA_F

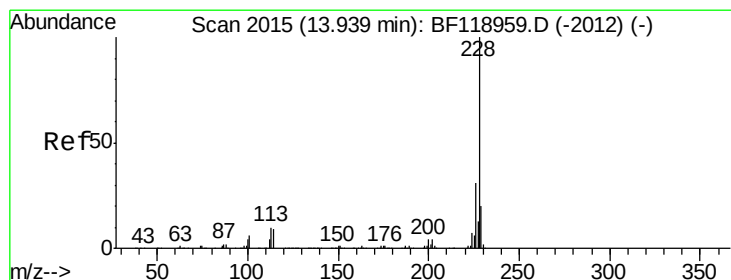
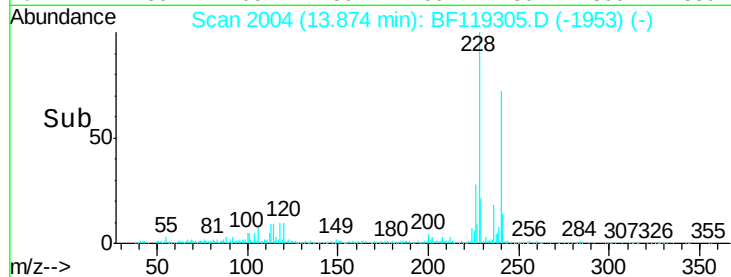
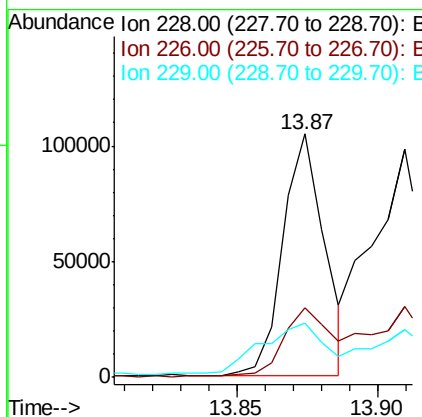
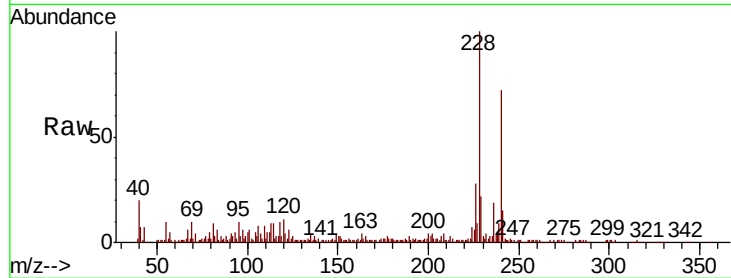
ClientSampled :

S9

Tot Ion:	228	Resp:	106760
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	33.8
229	22.4	16.6	24.8

Manual Integrations
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#83

Chrysene

Concen: 7.201 ng

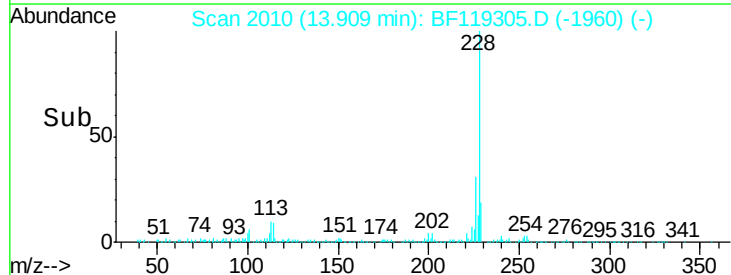
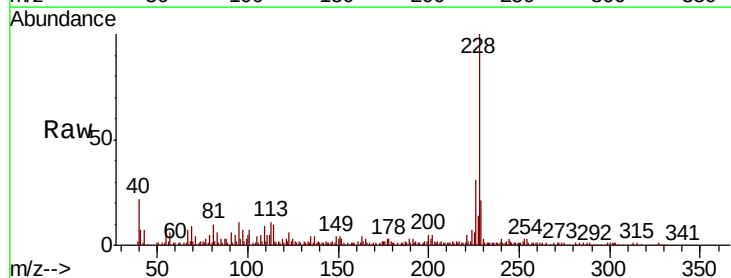
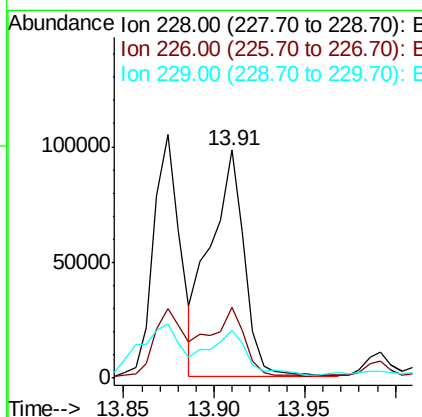
RT: 13.91 min Scan# 2010

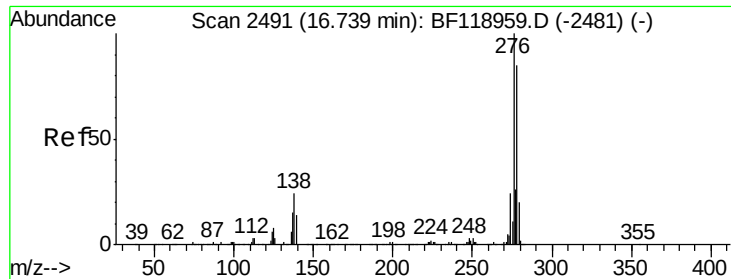
Delta R.T. -0.01 min

Lab File: BF119305.D

Acq: 10 Mar 2020 1:53

Tgt Ion:	228	Resp:	128669
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.1	37.7
229	20.9	16.3	24.5





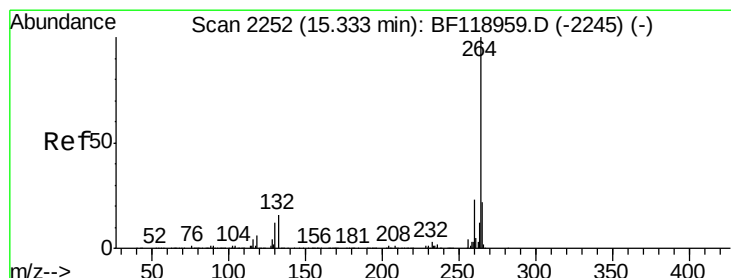
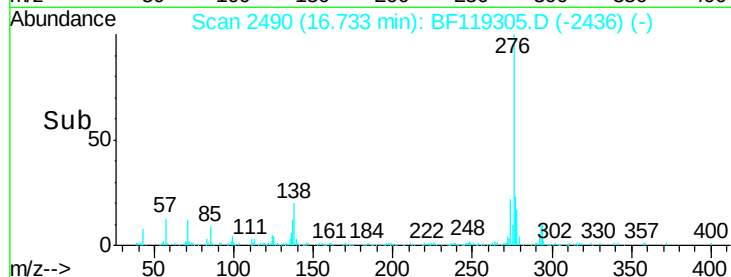
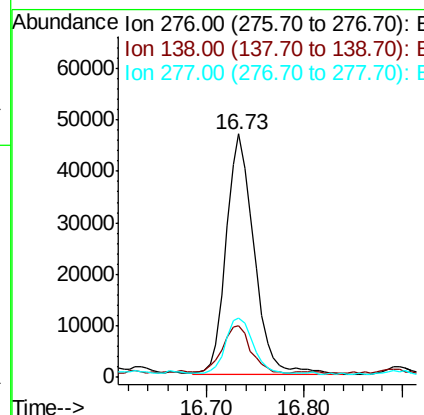
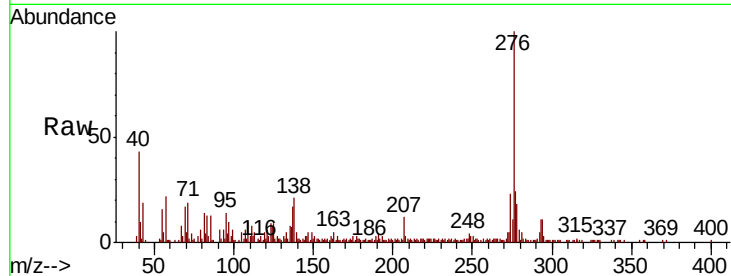
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 5.387 ng
 RT: 16.73 min Scan# 2490
 Delta R.T. 0.02 min
 Lab File: BF119305.D
 Acq: 10 Mar 2020 1:53

Instrument :
 BNA_F
 ClientSampleId :
 S9

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	17.4	26.0
277	22.5	20.3	30.5

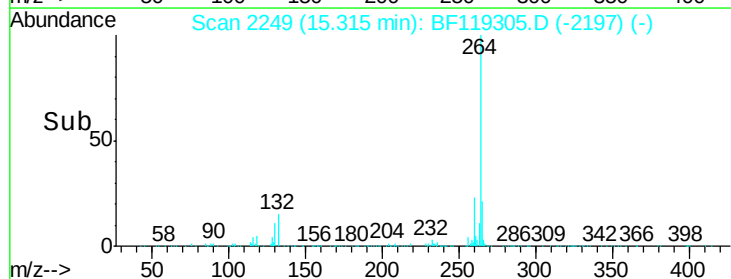
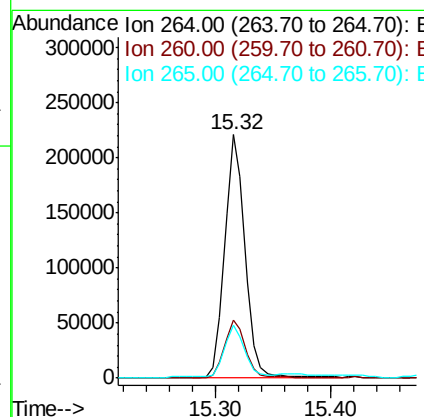
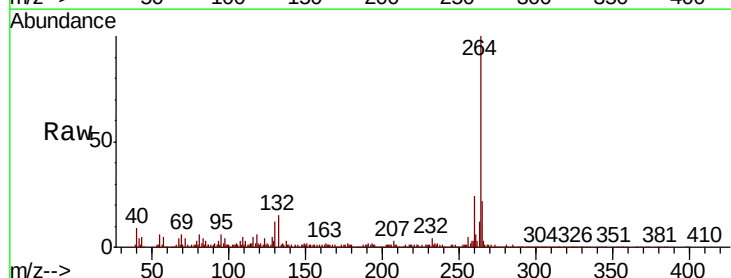
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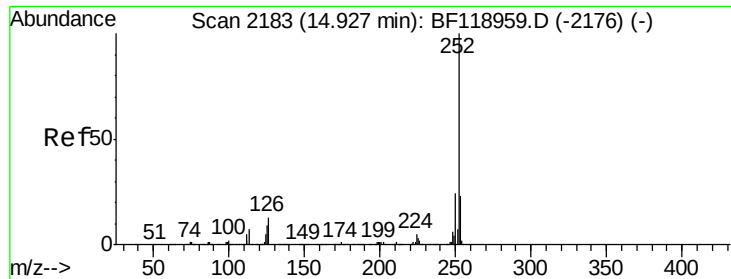
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF119305.D
 Acq: 10 Mar 2020 1:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.8	17.7	26.5





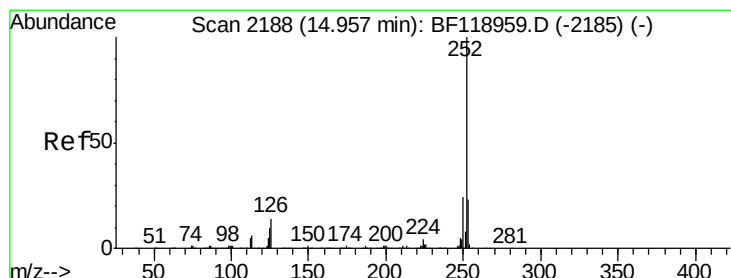
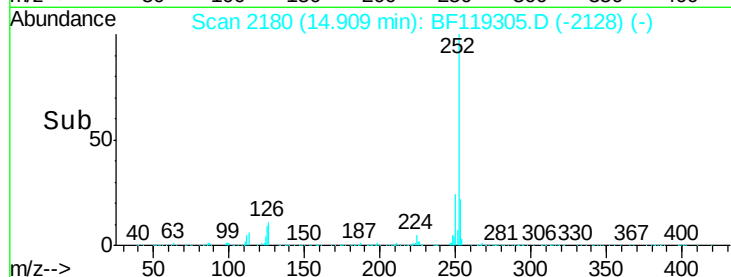
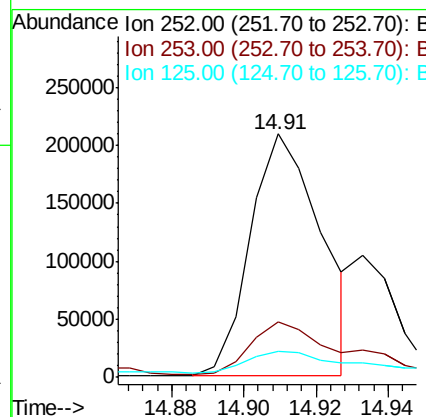
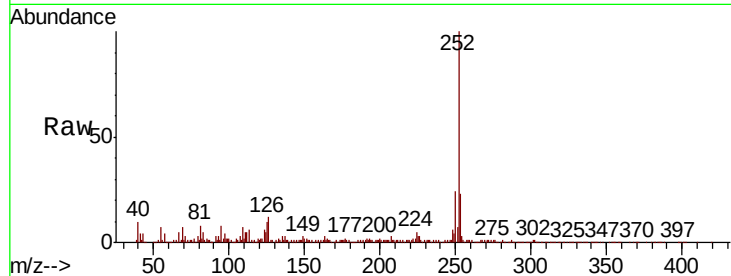
#88
Benzo(b)fluoranthene
Concen: 16.388 ng m
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119305.D
Acq: 10 Mar 2020 1:53

Instrument :
BNA_F
ClientSampled :
S9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.5	7.4	11.0

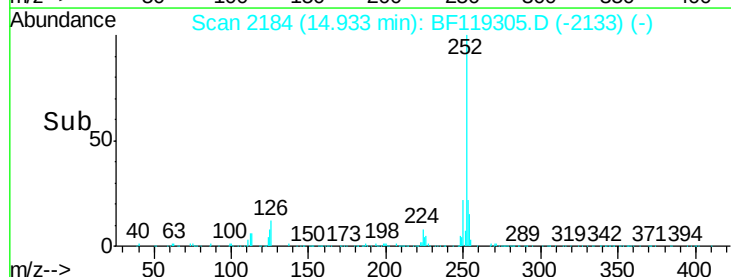
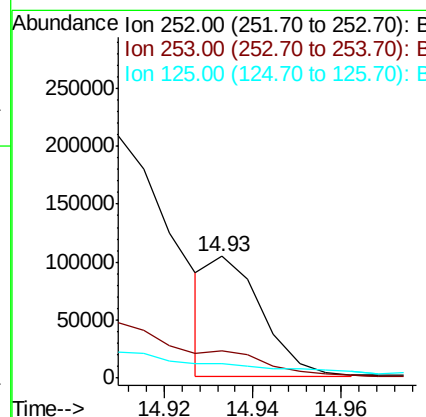
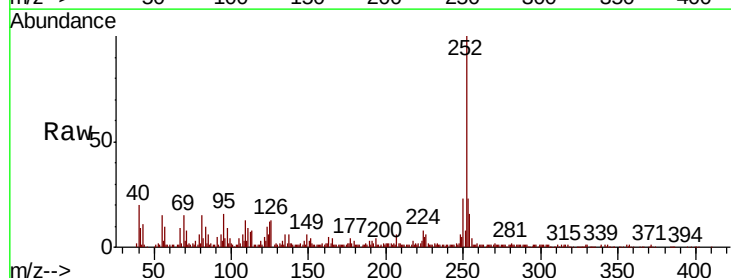
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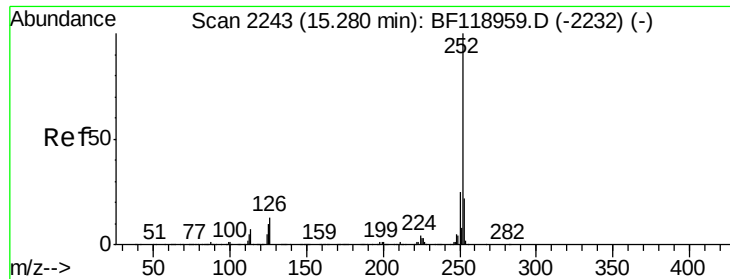
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3/10/2020 2:44:45 PM



#89
Benzo(k)fluoranthene
Concen: 5.158 ng m
RT: 14.93 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BF119305.D
Acq: 10 Mar 2020 1:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	12.1	7.5	11.3#





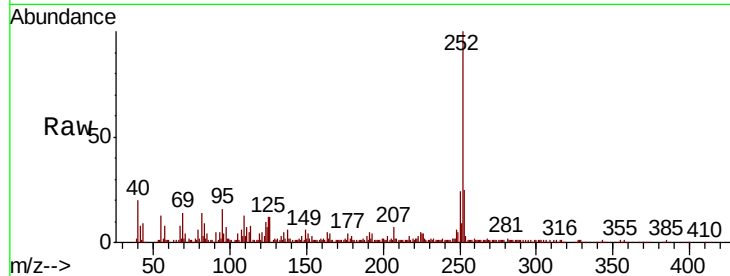
#90
Benzo(a)pyrene
Concen: 7.580 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119305.D
Acq: 10 Mar 2020 1:53

Instrument :
BNA_F
ClientSampled :
S9

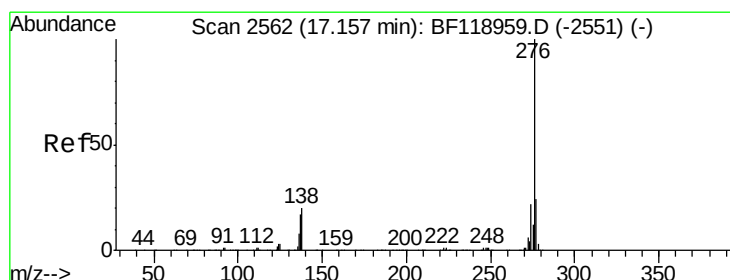
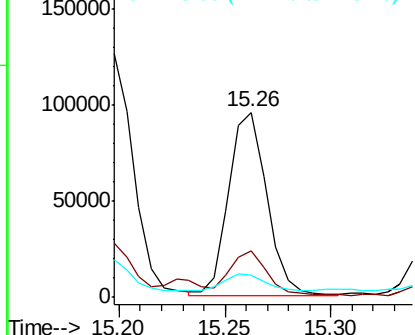
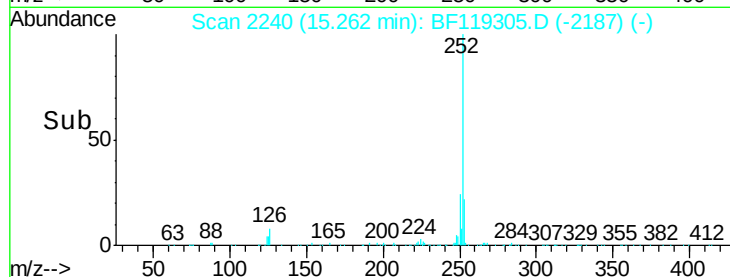
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	11.9	8.6	12.8

Manual Integrations
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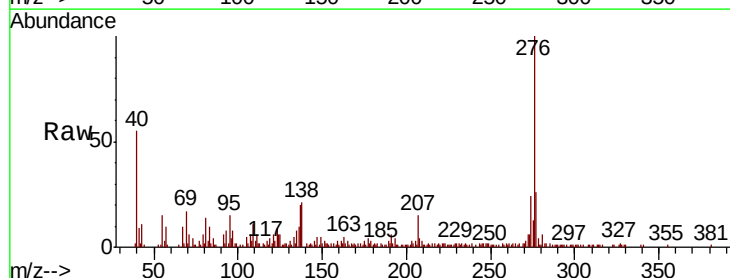


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 5.872 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF119305.D
Acq: 10 Mar 2020 1:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.7	28.1
138	21.2	14.3	21.5



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

