

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
 Data File : BF121295.D
 Acq On : 14 Aug 2020 20:23
 Operator : JU/CG
 Sample : L3681-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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Quant Time: Aug 17 06:54:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	79773	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	310585	20.00	ng	-0.02
39) Acenaphthene-d10	9.74	164	165313	20.00	ng	-0.02
64) Phenanthrene-d10	11.22	188	333413	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	310424	20.00	ng	-0.02
86) Perylene-d12	15.27	264	289602	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	482094	91.62	ng	0.00
7) Phenol-d6	6.34	99	586869	86.55	ng	-0.02
23) Nitrobenzene-d5	7.27	82	372169	65.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	187716	92.23	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	711437	59.53	ng	-0.01
79) Terphenyl-d14	12.81	244	828931	52.05	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.46	163	70743	5.687	ng	98
71) Phenanthrene	11.25	178	73472	3.852	ng	98
75) Fluoranthene	12.43	202	131855	6.208	ng	98
78) Pyrene	12.66	202	129744	5.613	ng	99
81) Benzo(a)anthracene	13.85	228	79999	3.800	ng	98
83) Chrysene	13.88	228	71292	3.316	ng	97
87) Indeno(1,2,3-cd)pyrene	16.63	276	55253	2.566	ng	97
88) Benzo(b)fluoranthene	14.87	252	107636m	5.547	ng	
90) Benzo(a)pyrene	15.21	252	79857	4.560	ng	98
92) Benzo(g,h,i)perylene	17.03	276	58325	3.203	ng	95

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

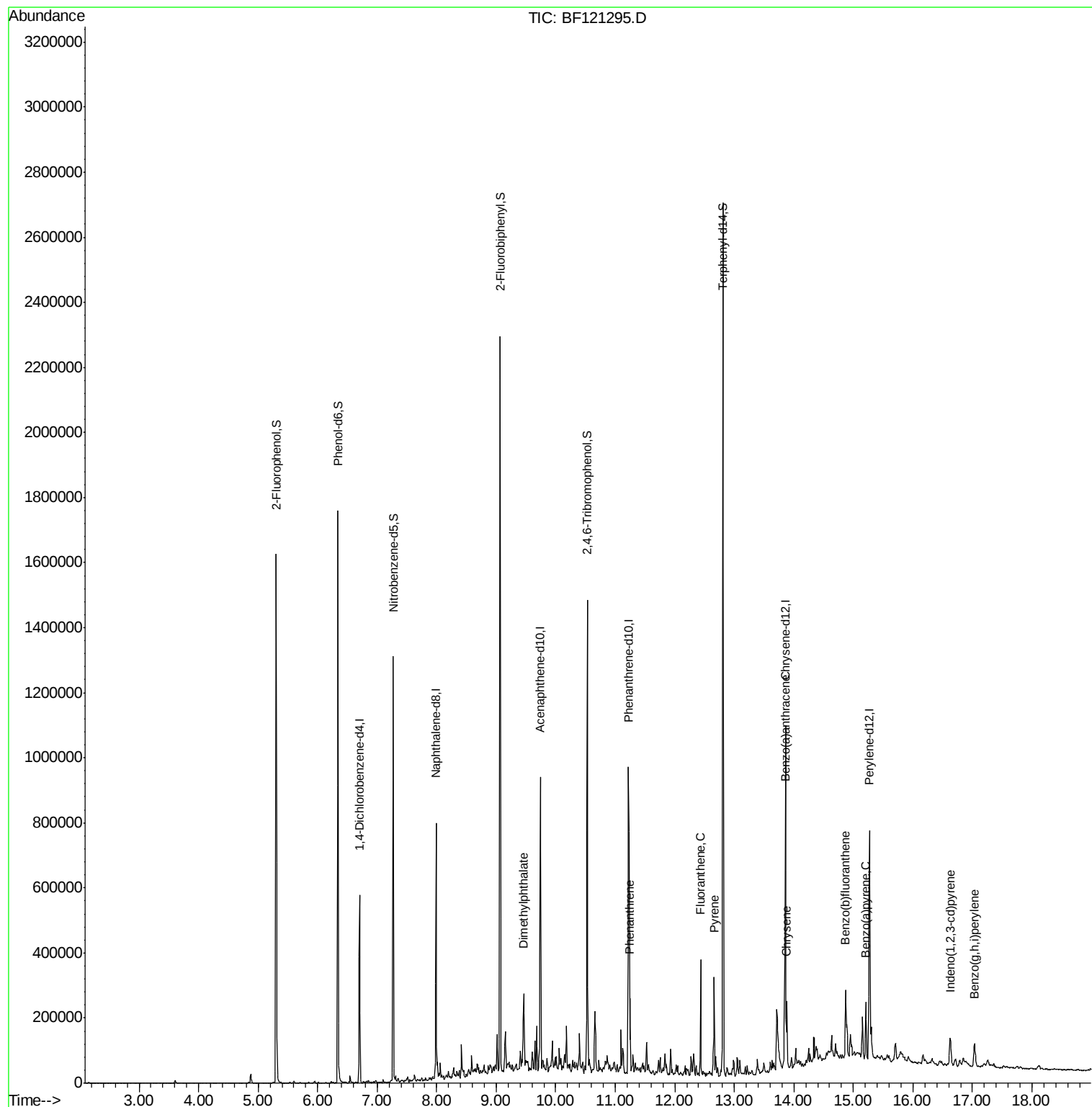
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Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

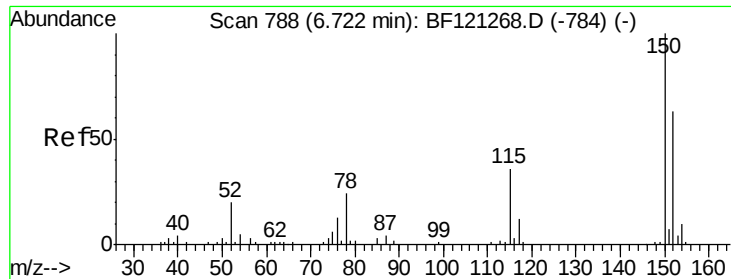
Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: Aug 17 06:54:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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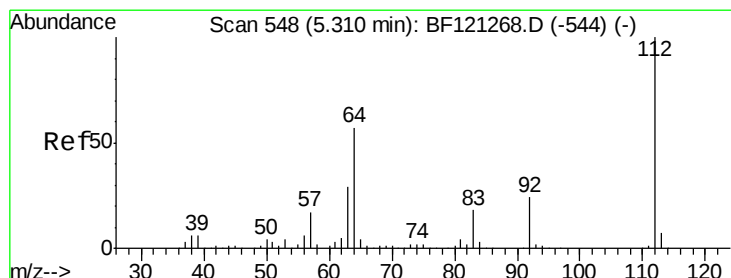
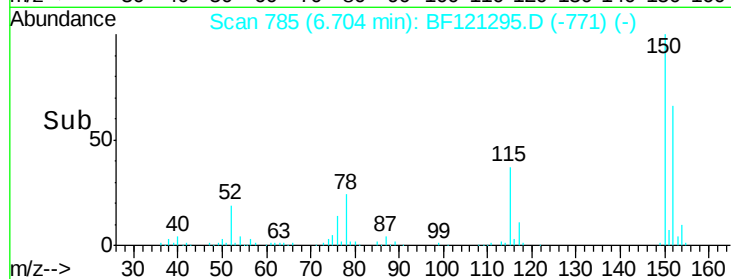
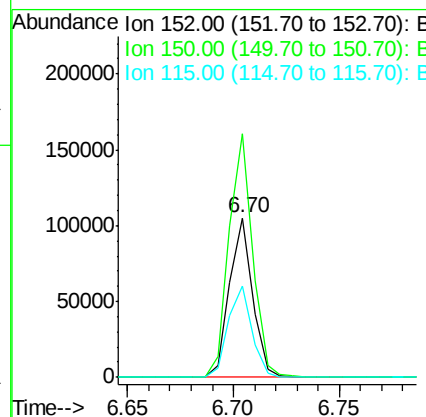
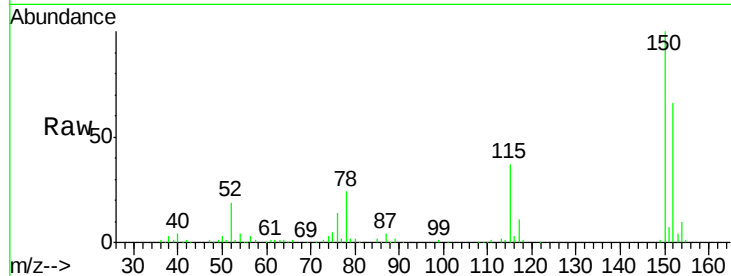
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.02 min
 Lab File: BF121295.D
 Acq: 14 Aug 2020 20:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	129.0	193.6
115	56.8	49.0	73.4

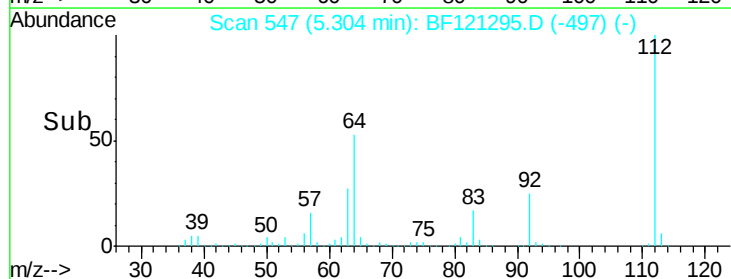
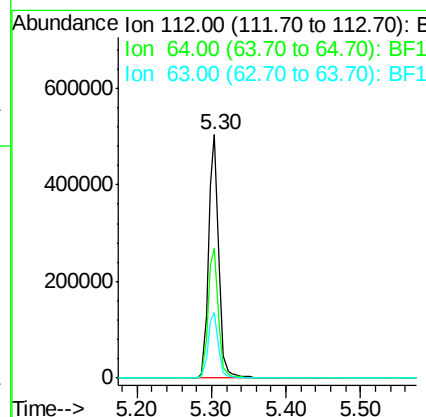
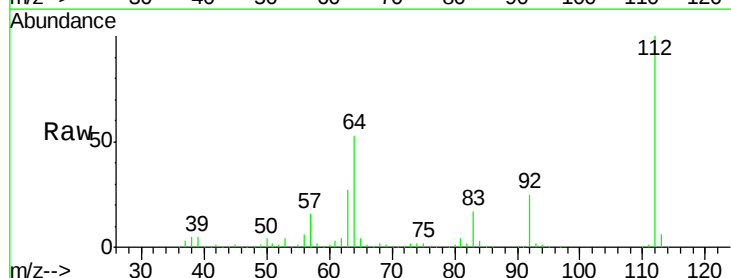
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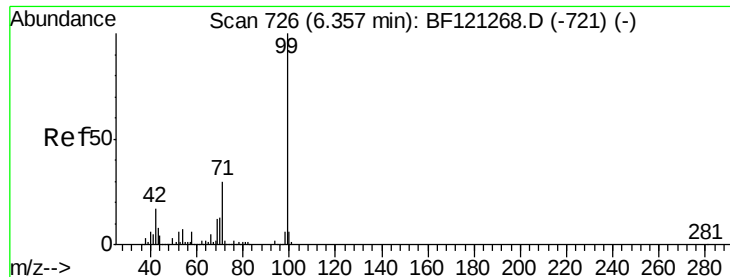
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#5
 2-Fluorophenol
 Concen: 91.621 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF121295.D
 Acq: 14 Aug 2020 20:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	45.4	68.2
63	27.2	23.0	34.6





#7

Phenol-d6

Concen: 86.551 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF121295.D

Acq: 14 Aug 2020 20:23

Instrument :

BNA_F

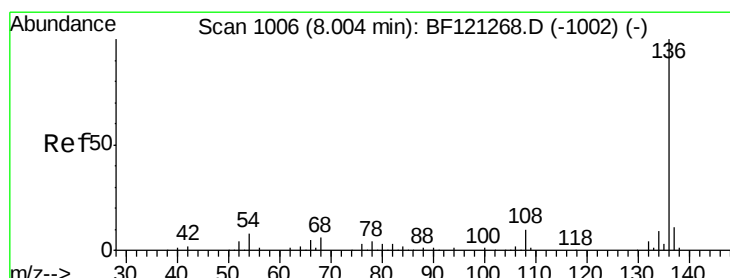
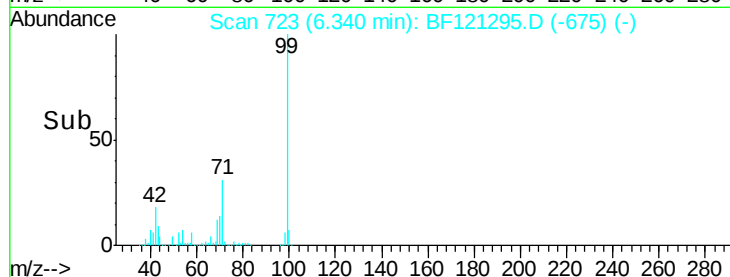
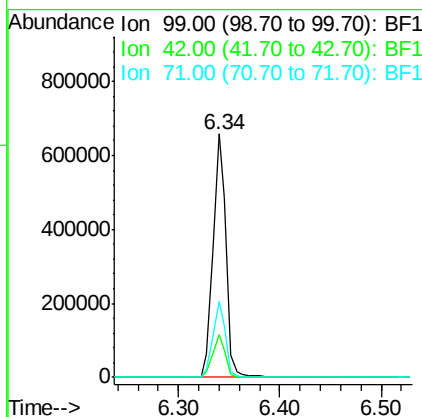
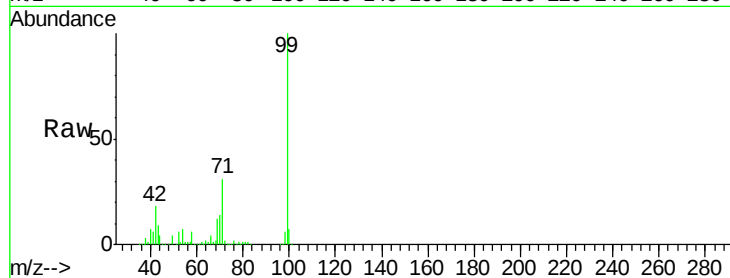
ClientSampleId :

TP-2

Tot Ion:	99	Resp:	586869
Ion Ratio	Lower	Upper	
99	100		
42	17.6	13.1	19.7
71	31.3	23.7	35.5

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#21

Naphthalene-d8

Concen: 20.000 ng

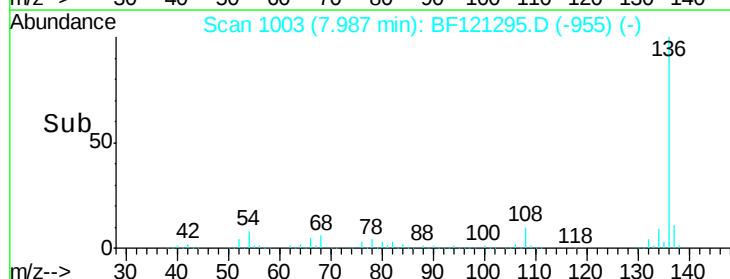
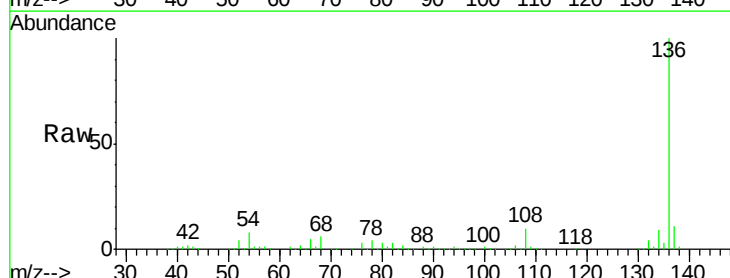
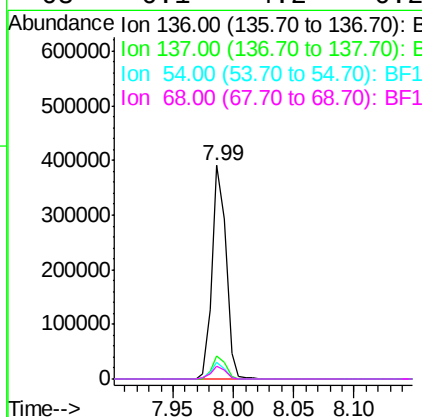
RT: 7.99 min Scan# 1003

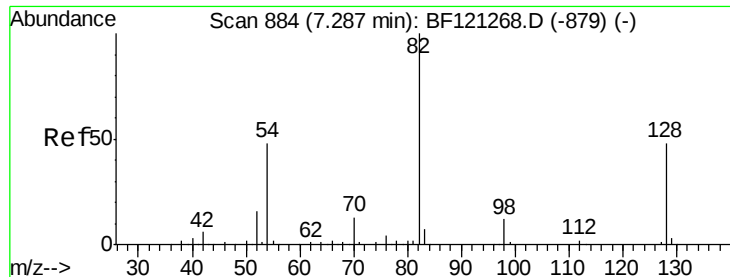
Delta R.T. -0.02 min

Lab File: BF121295.D

Acq: 14 Aug 2020 20:23

Tgt Ion:	136	Resp:	310585
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	7.9	5.3	7.9
68	6.1	4.2	6.2





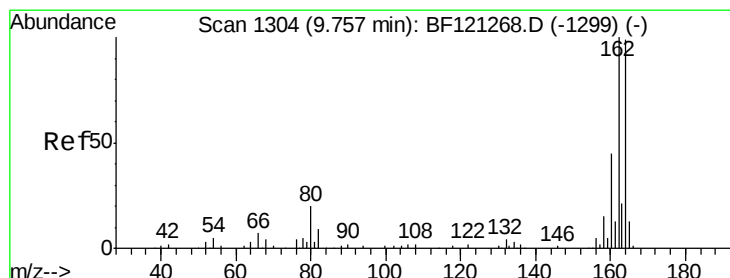
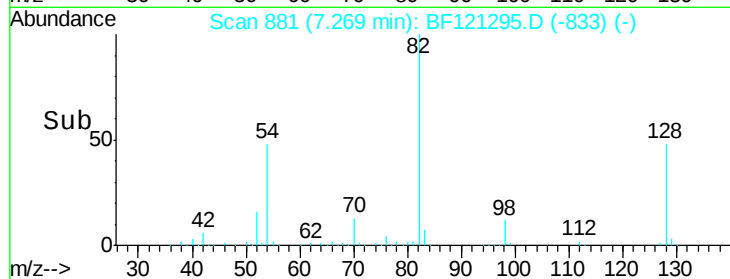
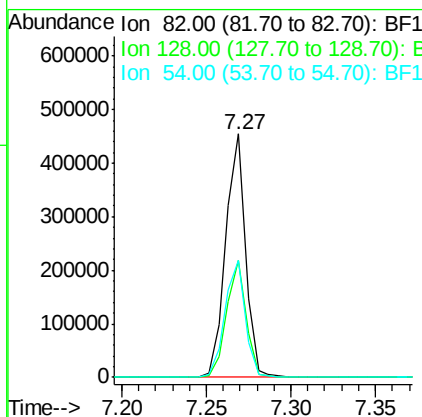
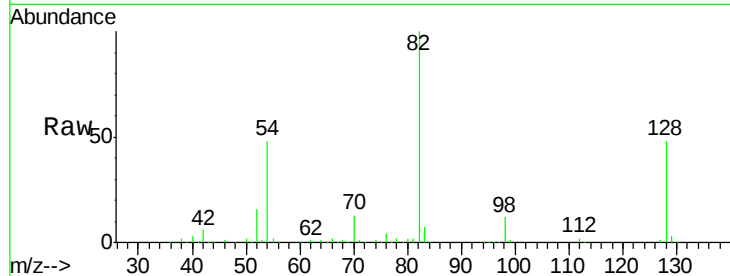
#23
 Nitrobenzene-d5
 Concen: 65.490 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF121295.D
 Acq: 14 Aug 2020 20:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	82	Resp	372169
Ion Ratio	Lower	Upper	
82	100		
128	48.0	39.8	59.8
54	48.0	37.7	56.5

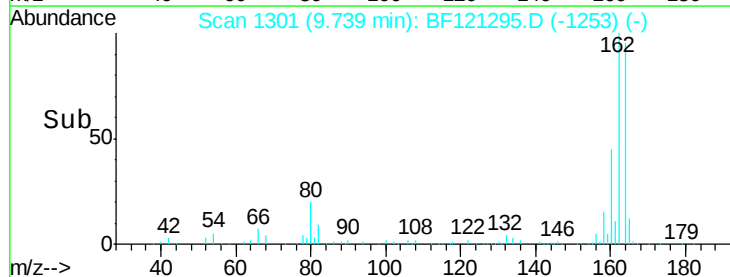
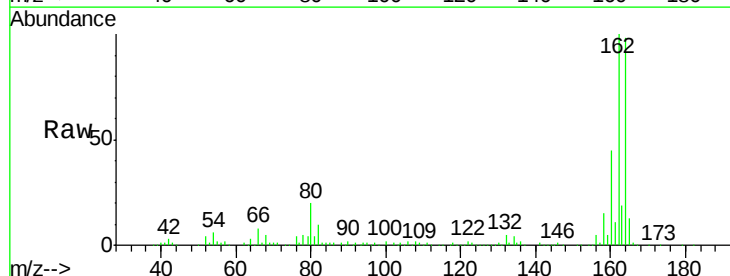
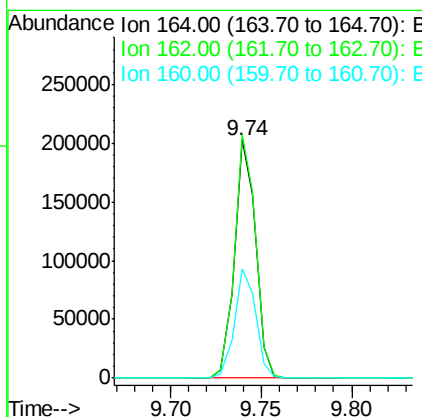
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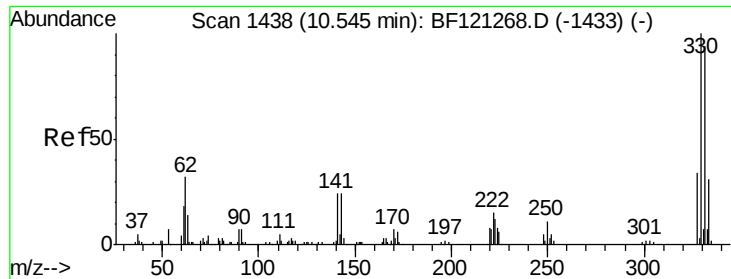
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF121295.D
 Acq: 14 Aug 2020 20:23

Tgt Ion	164	Resp	165313
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.2	121.8
160	45.7	36.9	55.3





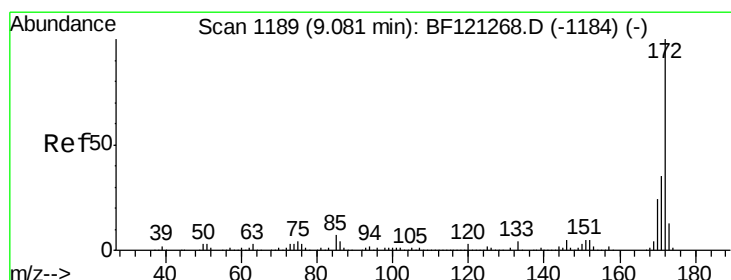
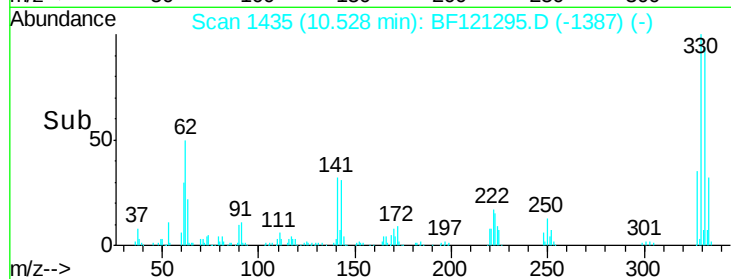
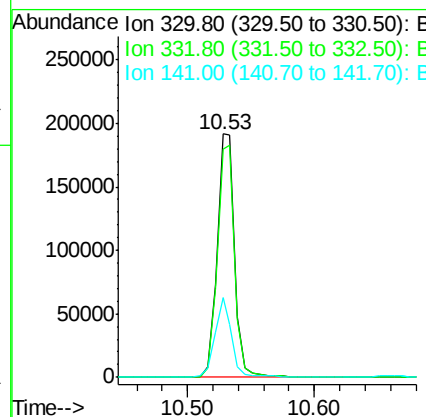
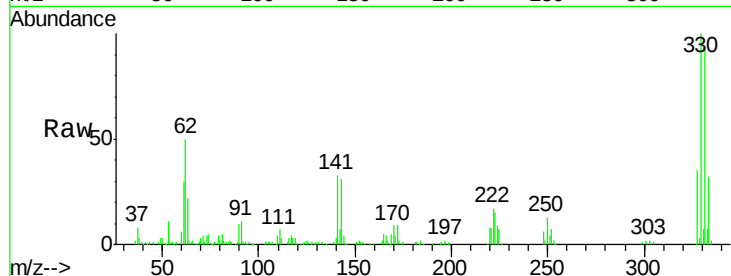
#42
 2,4,6-Tribromophenol
 Concen: 92.229 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF121295.D
 Acq: 14 Aug 2020 20:23

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	187716		
332	95.2		75.4	113.0
141	29.9		23.4	35.2

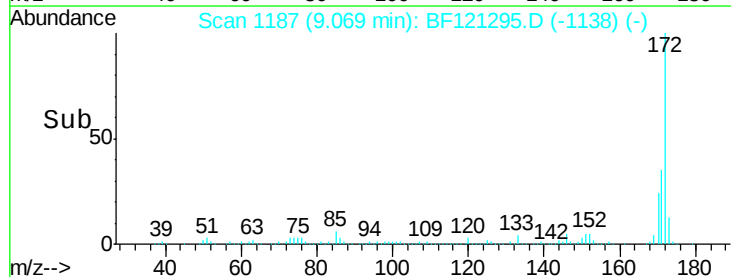
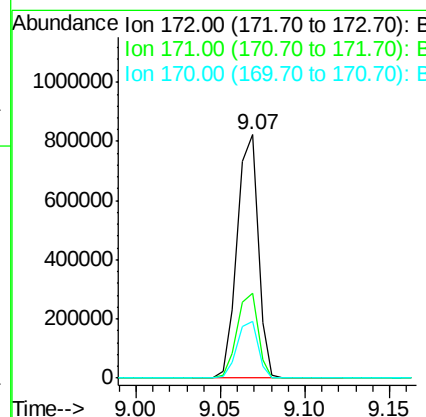
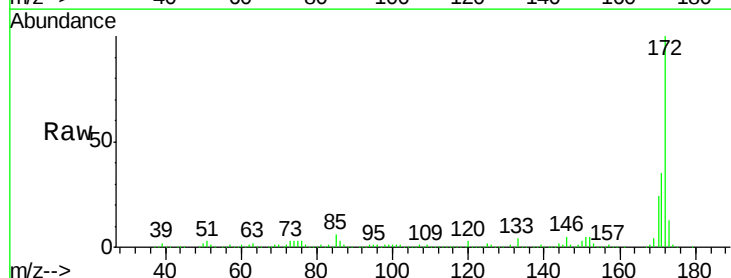
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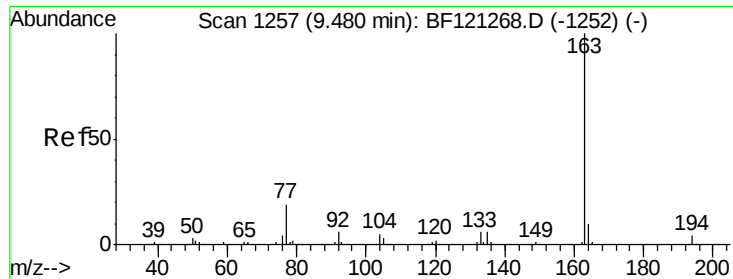
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#45
 2-Fluorobiphenyl
 Concen: 59.531 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF121295.D
 Acq: 14 Aug 2020 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	711437		
171	35.0		28.3	42.5
170	23.6		19.3	28.9





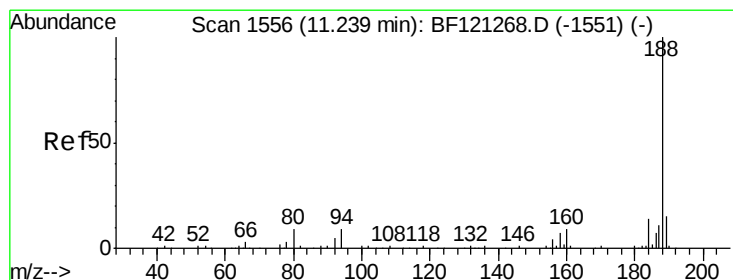
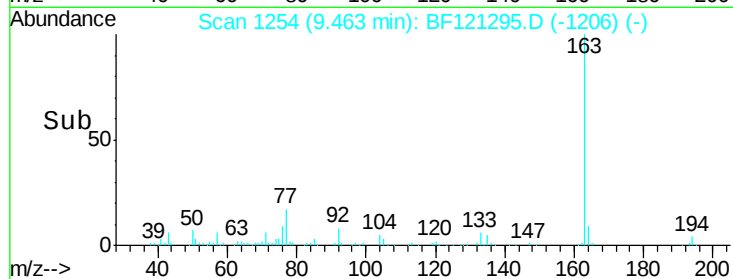
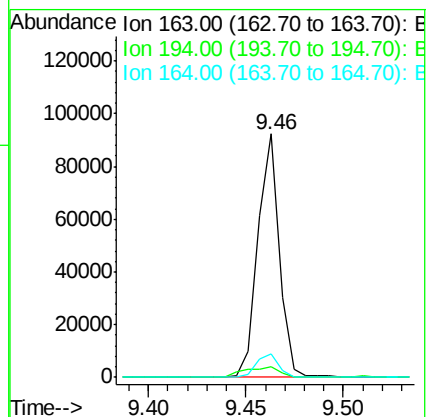
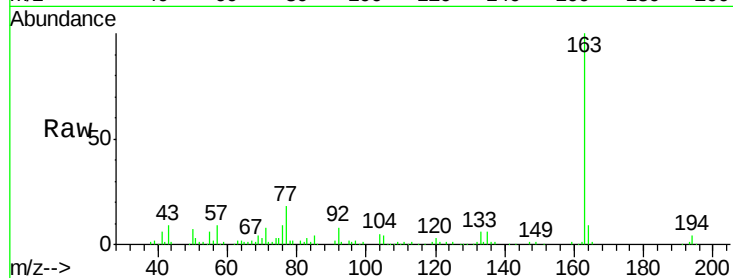
#50
Dimethylphthalate
Concen: 5.687 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF121295.D
Acq: 14 Aug 2020 20:23

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:	163	Resp:	70743
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.0	4.6
164	9.4	8.1	12.1

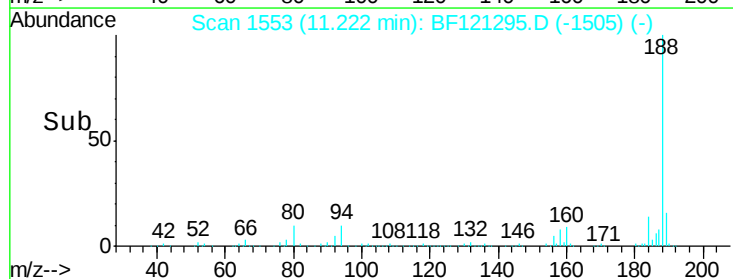
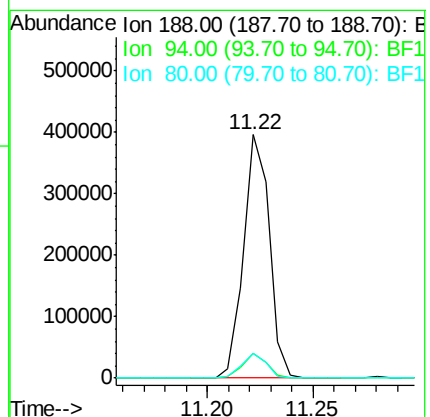
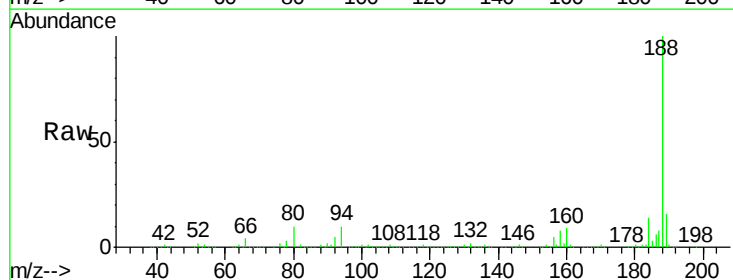
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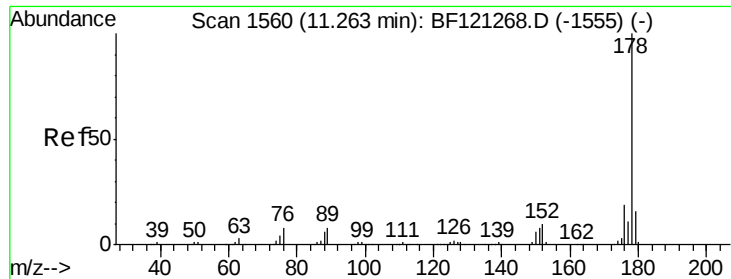
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF121295.D
Acq: 14 Aug 2020 20:23

Tgt Ion:	188	Resp:	333413
Ion Ratio	Lower	Upper	
188	100		
94	10.3	7.0	10.6
80	10.3	7.4	11.0





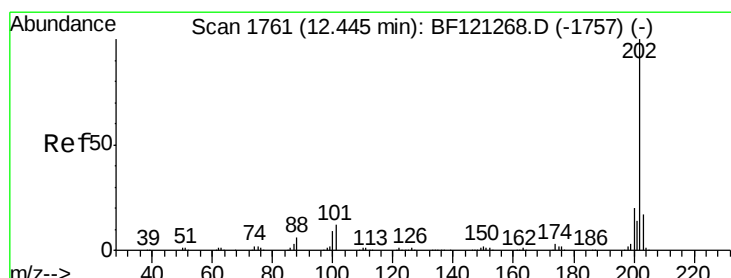
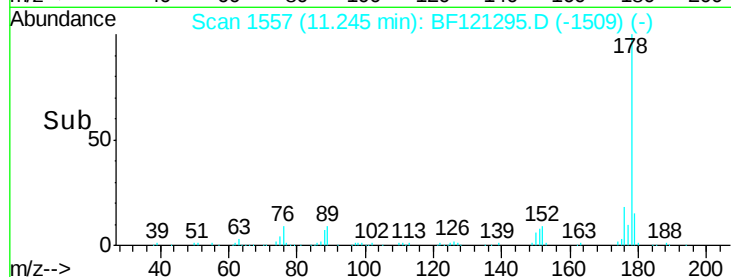
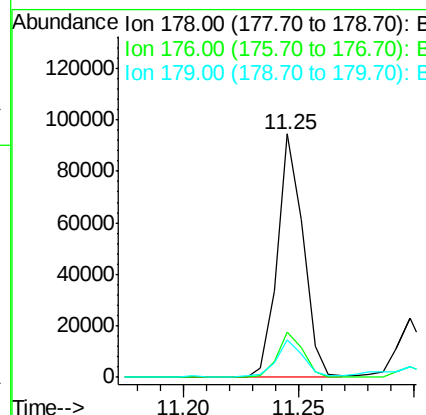
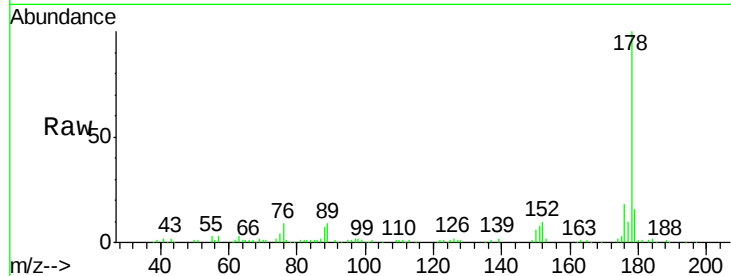
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Phenanthrene
Concen: 3.852 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF121295.D
Acq: 14 Aug 2020 20:23

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.7	12.6	19.0

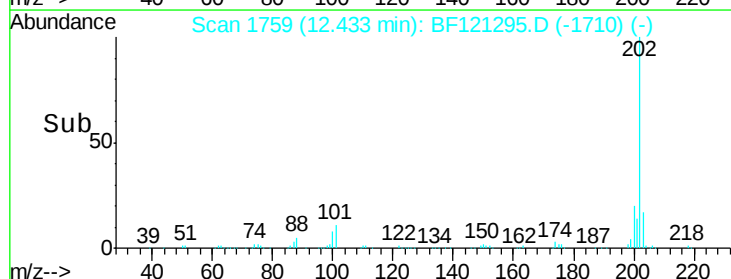
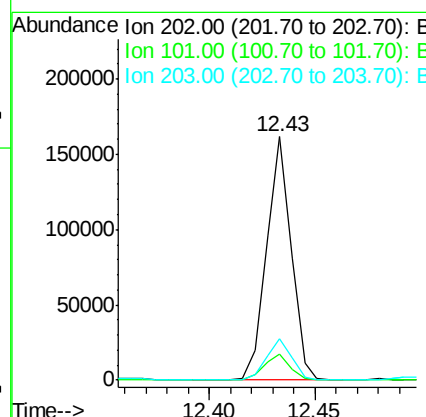
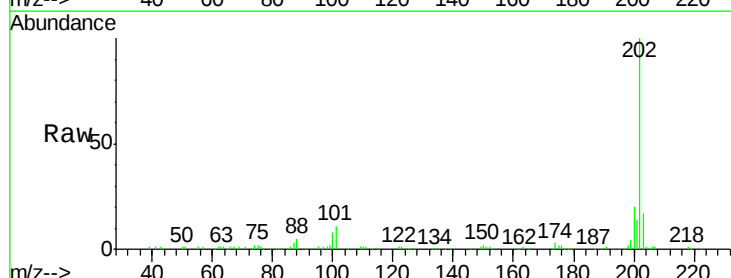
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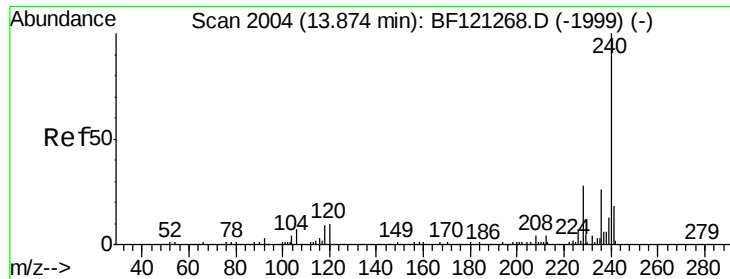
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#75
Fluoranthene
Concen: 6.208 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF121295.D
Acq: 14 Aug 2020 20:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.6
203	17.0	0.0	38.0





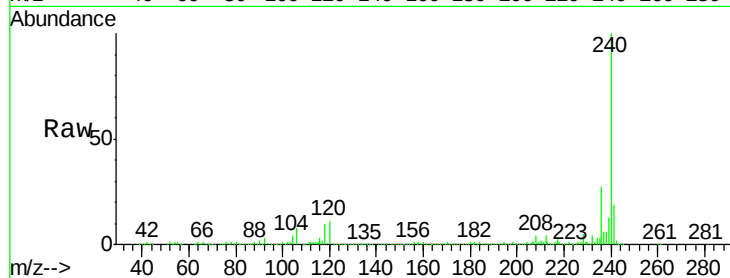
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF121295.D
Acq: 14 Aug 2020 20:23

Instrument :
BNA_F
ClientSampled :
TP-2

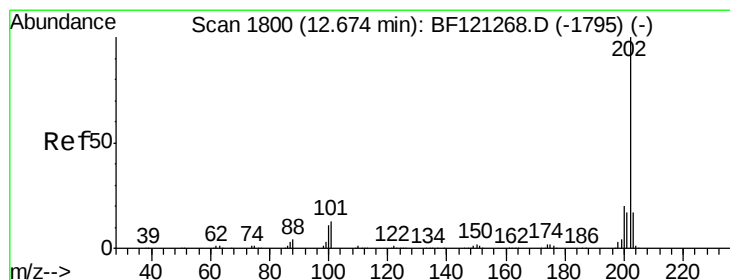
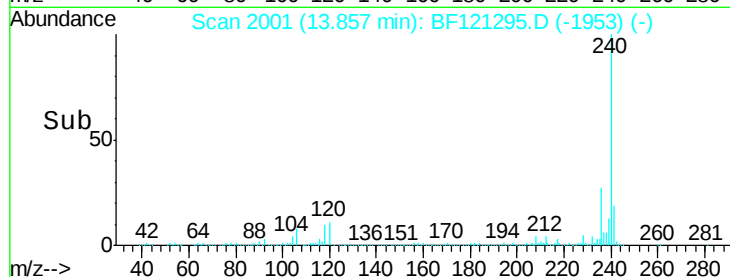
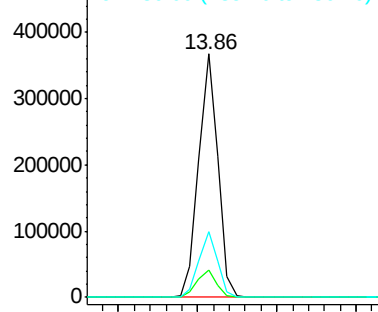
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.2	13.8
236	27.2	21.0	31.4

Manual Integrations
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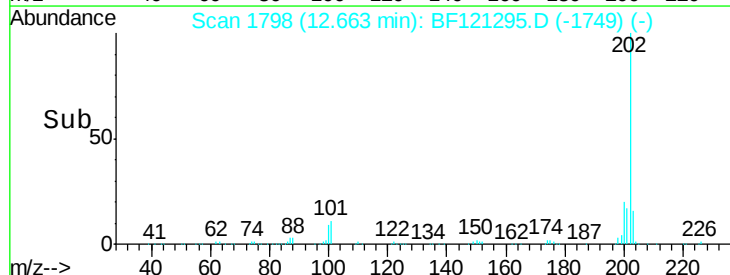
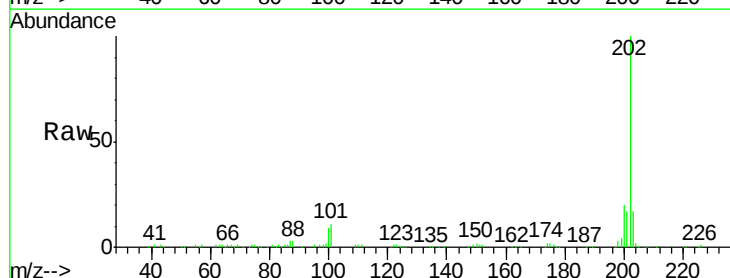
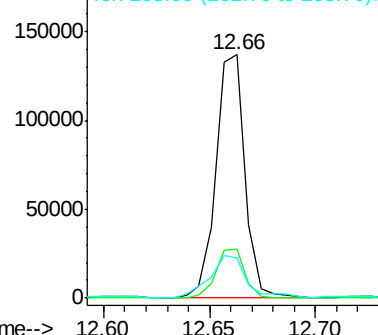
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Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

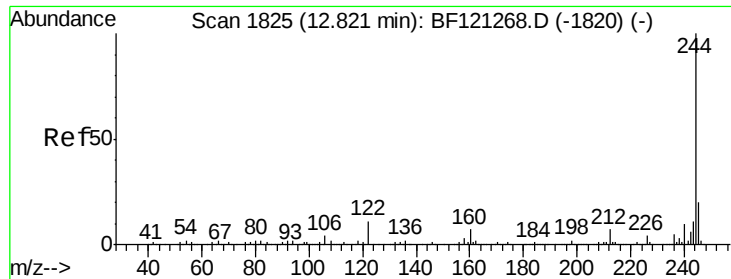


#78
Pyrene
Concen: 5.613 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF121295.D
Acq: 14 Aug 2020 20:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.3	24.5
203	16.6	13.8	20.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 52.054 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF121295.D

Acq: 14 Aug 2020 20:23

Instrument :

BNA_F

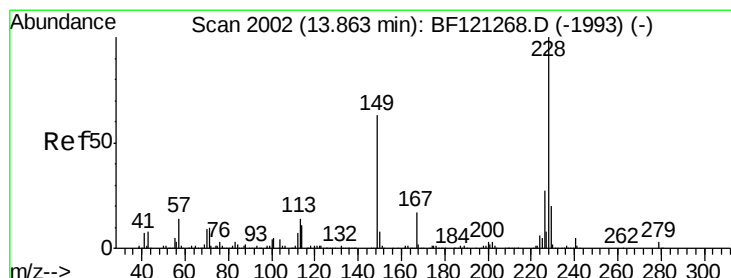
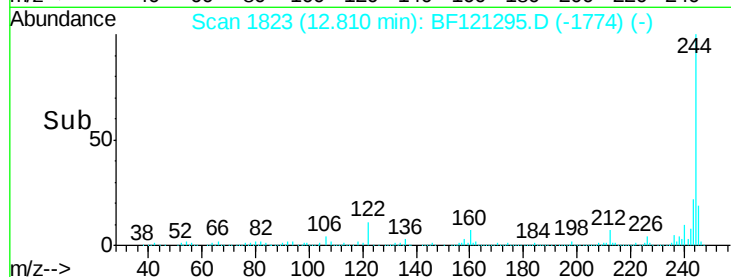
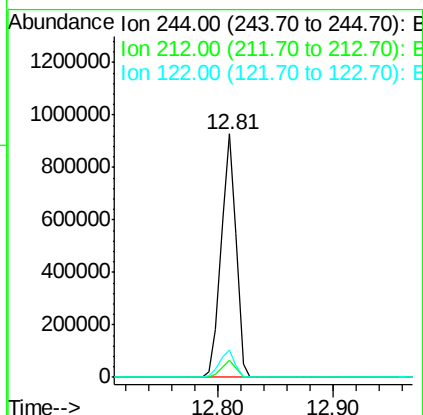
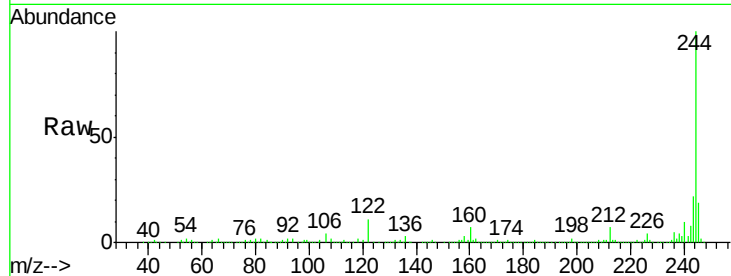
ClientSampleId :

TP-2

Tot Ion:	244	Resp:	828931
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.5	8.3
122	11.1	9.1	13.7

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#81

Benzo(a)anthracene

Concen: 3.800 ng

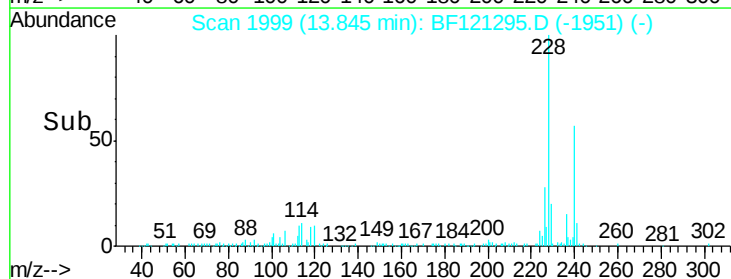
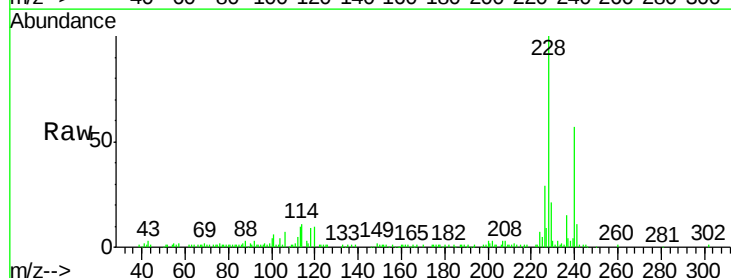
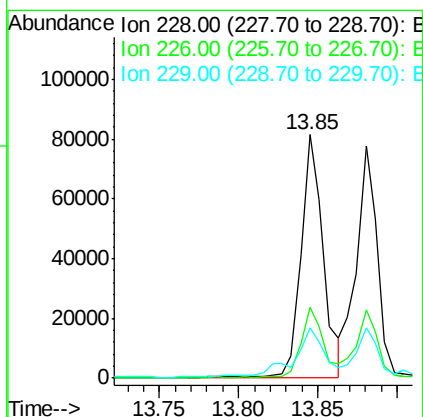
RT: 13.85 min Scan# 1999

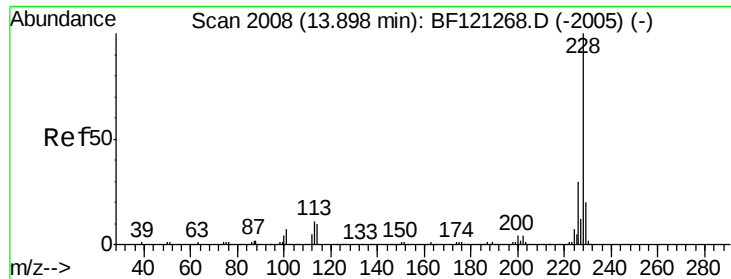
Delta R.T. -0.02 min

Lab File: BF121295.D

Acq: 14 Aug 2020 20:23

Tgt Ion:	228	Resp:	79999
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.0	33.0
229	20.9	16.0	24.0





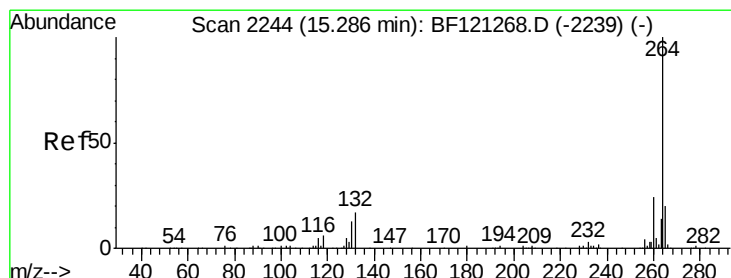
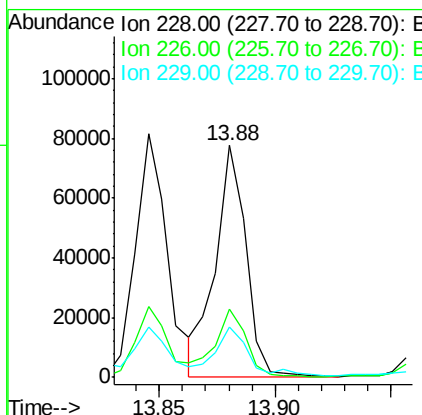
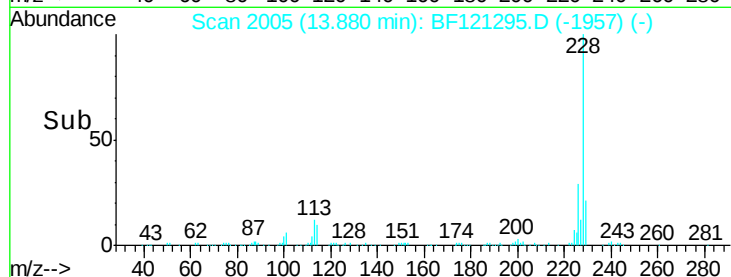
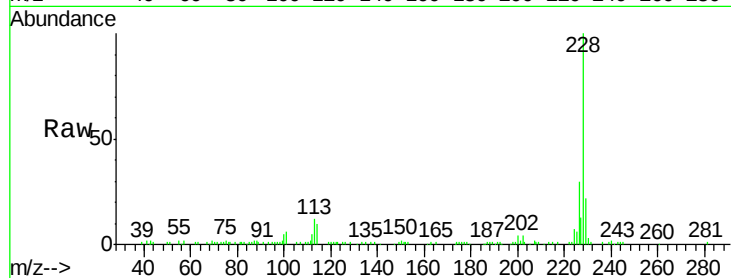
#83
Chrysene
Concen: 3.316 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF121295.D
Acq: 14 Aug 2020 20:23

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.8	37.2
229	21.7	16.2	24.2

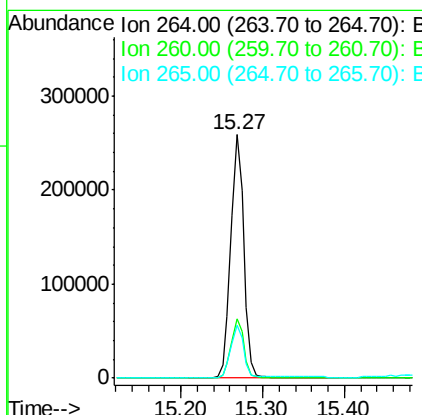
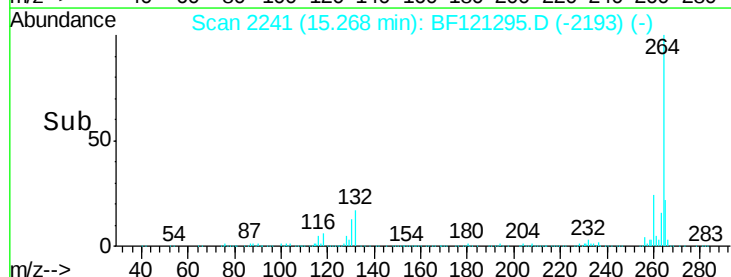
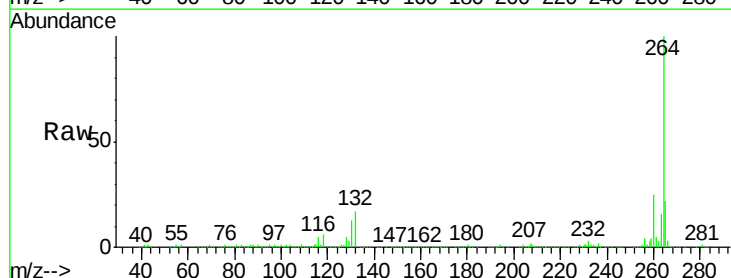
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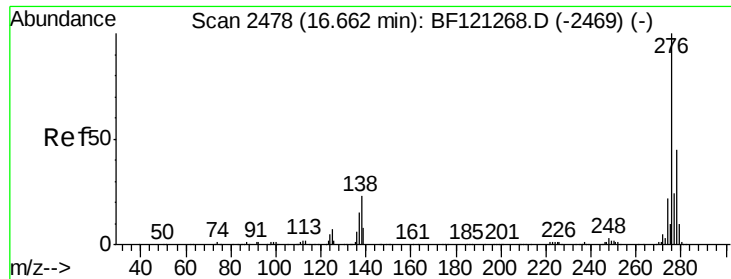
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BF121295.D
Acq: 14 Aug 2020 20:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.6	17.1	25.7





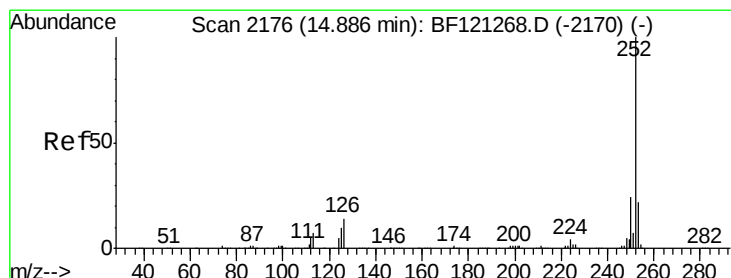
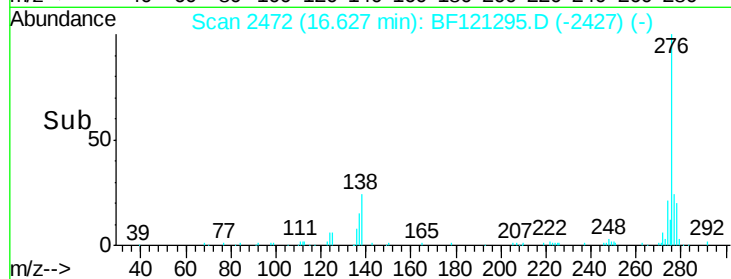
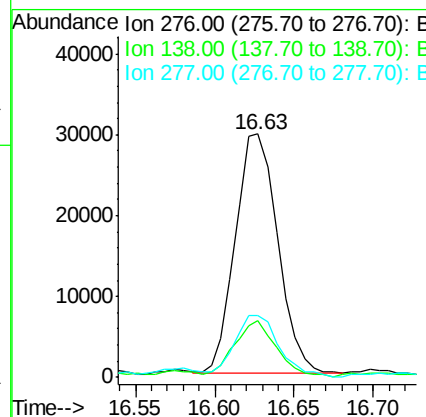
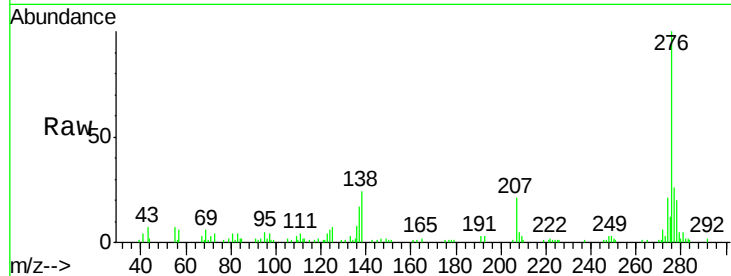
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.566 ng
 RT: 16.63 min Scan# 2472
 Delta R.T. -0.04 min
 Lab File: BF121295.D
 Acq: 14 Aug 2020 20:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:	276	Resp:	55253
Ion Ratio	Lower	Upper	
276	100		
138	23.7	19.6	29.4
277	27.4	20.0	30.0

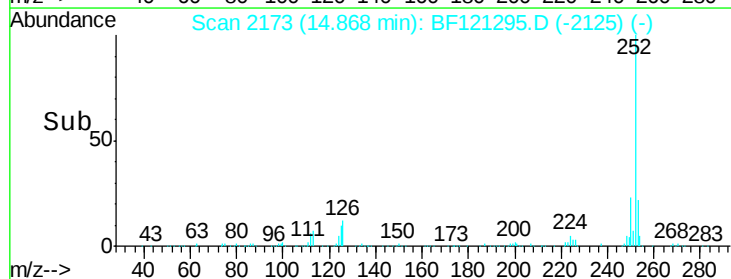
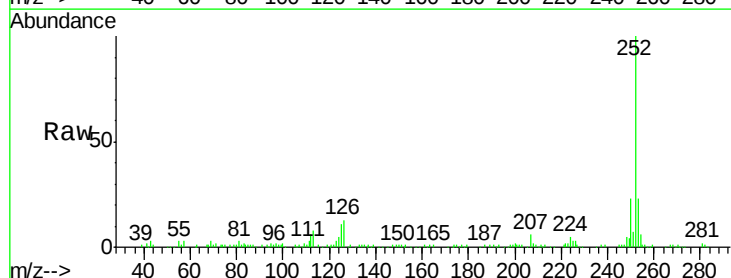
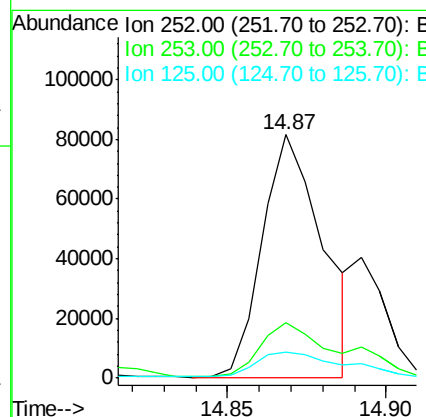
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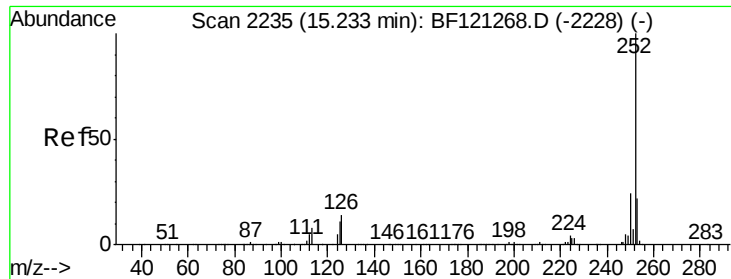
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#88
 Benzo(b)fluoranthene
 Concen: 5.547 ng m
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BF121295.D
 Acq: 14 Aug 2020 20:23

Tgt Ion:	252	Resp:	107636
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.9	26.9
125	10.5	7.6	11.4





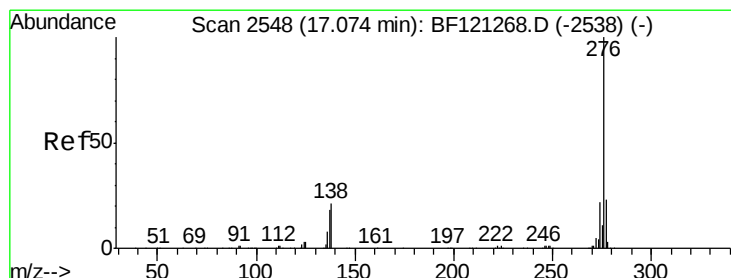
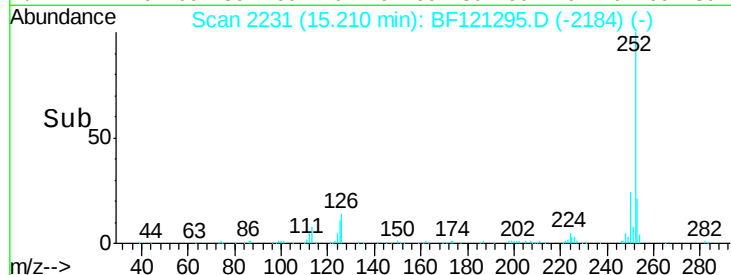
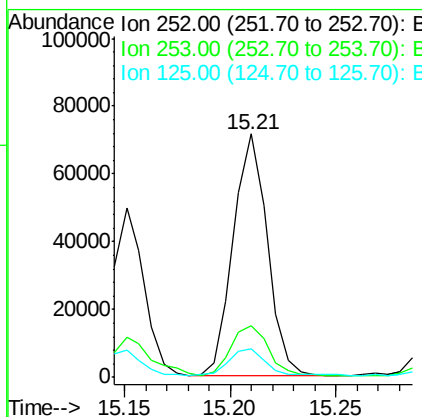
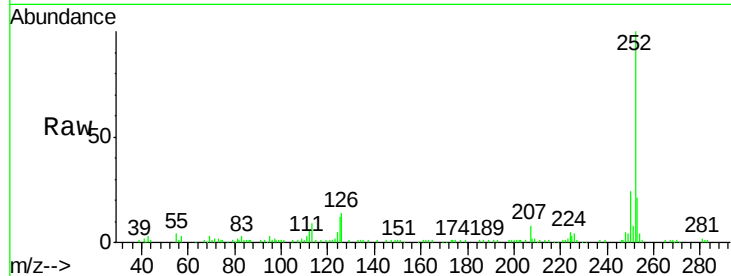
#90
Benzo(a)pyrene
Concen: 4.560 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF121295.D
Acq: 14 Aug 2020 20:23

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion:	252	Resp:	79857
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.0	27.0
125	11.6	9.3	13.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.203 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.04 min
Lab File: BF121295.D
Acq: 14 Aug 2020 20:23

Tgt Ion:	276	Resp:	58325
Ion Ratio	Lower	Upper	
276	100		
277	25.3	19.1	28.7
138	23.4	16.2	24.2

