

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
 Data File : BF121297.D
 Acq On : 14 Aug 2020 21:26
 Operator : JU/CG
 Sample : L3677-02 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Manual Integrations
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mohammad
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Quant Time: Aug 17 04:50:05 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	96651	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	366372	20.00	ng	-0.02
39) Acenaphthene-d10	9.74	164	191972	20.00	ng	-0.02
64) Phenanthrene-d10	11.22	188	369424	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	260917	20.00	ng	-0.02
86) Perylene-d12	15.27	264	274189	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	226721	35.56	ng	-0.01
7) Phenol-d6	6.34	99	278792	33.94	ng	-0.02
23) Nitrobenzene-d5	7.27	82	172267	25.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	78843	33.36	ng	-0.02
45) 2-Fluorobiphenyl	9.06	172	342688	24.69	ng	-0.02
79) Terphenyl-d14	12.81	244	344380	25.73	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.46	163	54465	3.770	ng	100
71) Phenanthrene	11.25	178	46937	2.221	ng	99
75) Fluoranthene	12.43	202	132810	5.643	ng	99
78) Pyrene	12.66	202	128956	6.637	ng	98
81) Benzo(a)anthracene	13.84	228	69558	3.931	ng	92
83) Chrysene	13.88	228	68778	3.807	ng	96
87) Indeno(1,2,3-cd)pyrene	16.63	276	53110	2.605	ng	96
88) Benzo(b)fluoranthene	14.87	252	98067m	5.338	ng	
90) Benzo(a)pyrene	15.21	252	69591	4.197	ng	96
92) Benzo(g,h,i)perylene	17.04	276	56145	3.257	ng	98

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

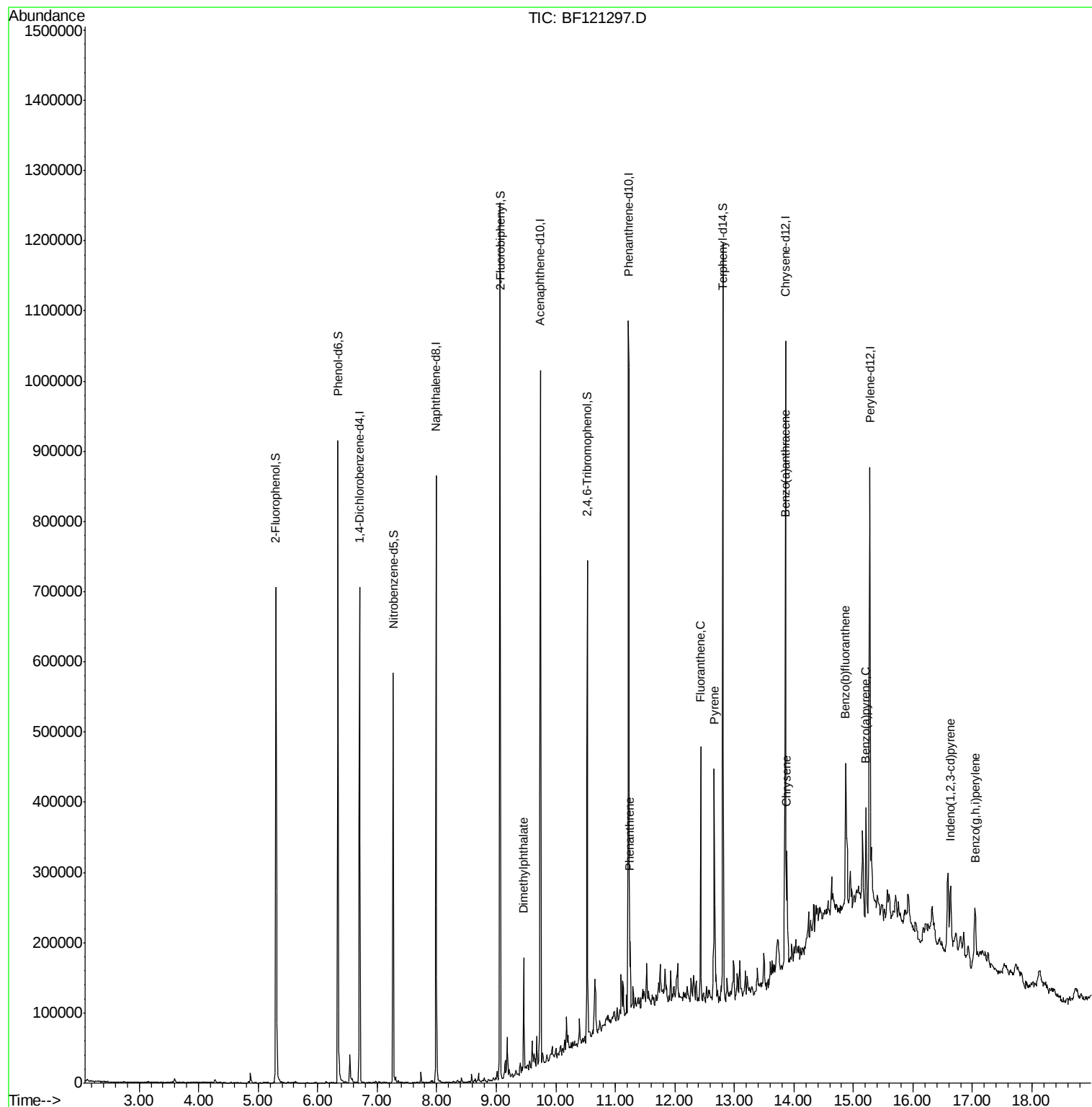
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121297.D
Acq On : 14 Aug 2020 21:26
Operator : JU/CG
Sample : L3677-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

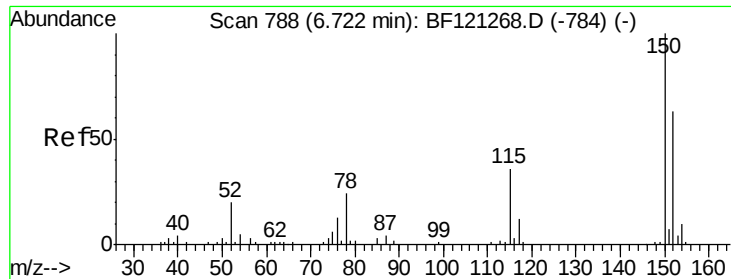
Instrument :
BNA_F
ClientSampled :
TP-6

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Quant Time: Aug 17 04:50:05 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

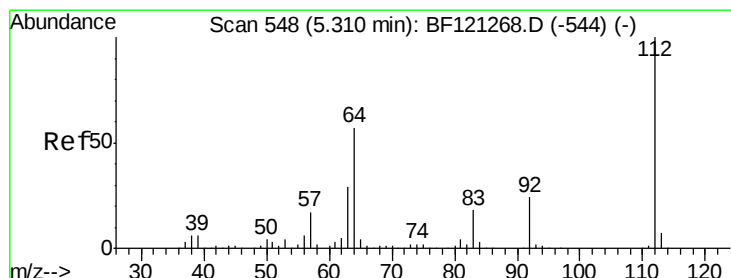
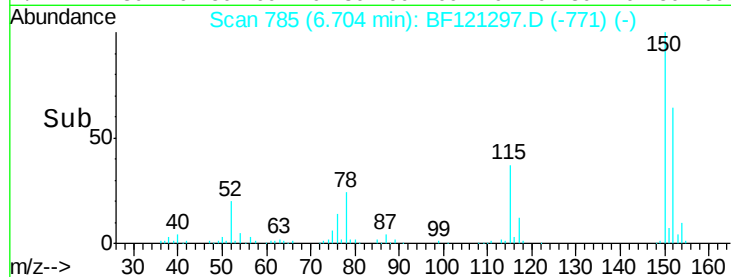
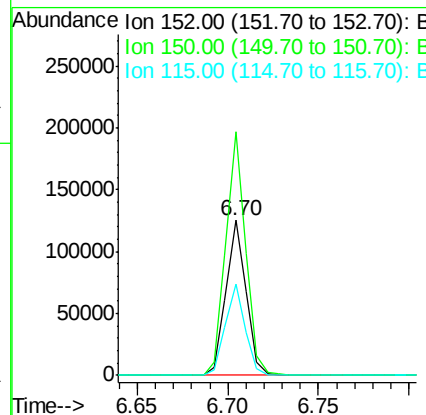
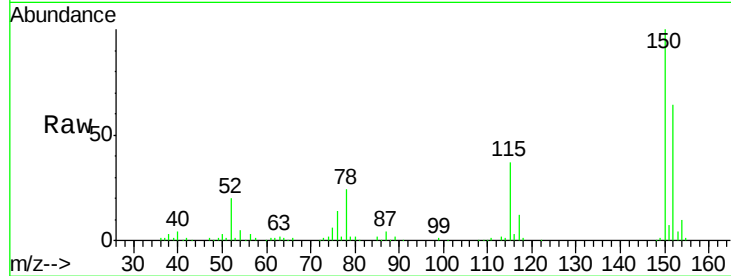
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF121297.D
Acq: 14 Aug 2020 21:26

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	129.0	193.6
115	58.8	49.0	73.4

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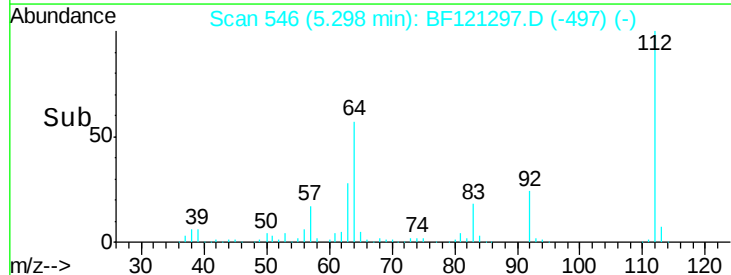
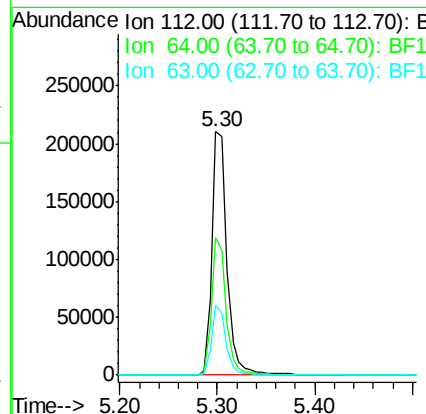
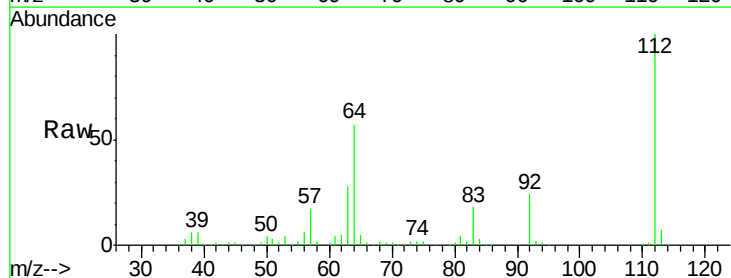
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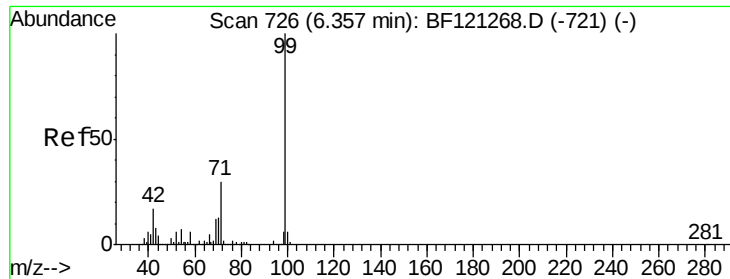


#5

2-Fluorophenol
Concen: 35.563 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF121297.D
Acq: 14 Aug 2020 21:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.4	68.2
63	28.3	23.0	34.6





#7

Phenol-d6

Concen: 33.936 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF121297.D

Acq: 14 Aug 2020 21:26

Instrument :

BNA_F

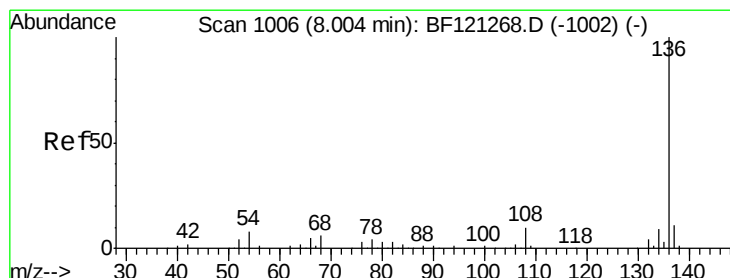
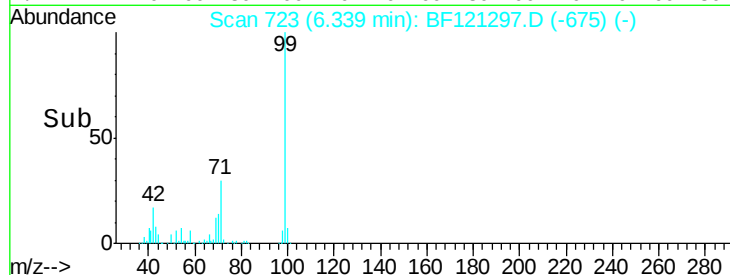
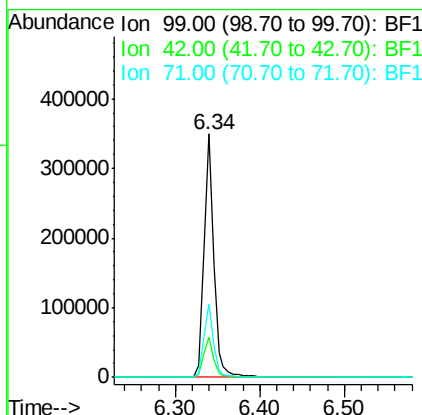
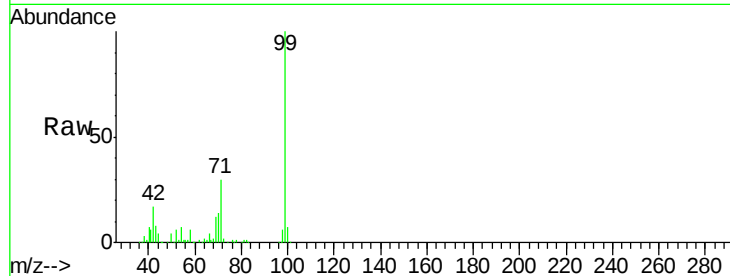
ClientSampleId :

TP-6

Tot Ion:	99	Resp:	278792
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.1	19.7
71	30.2	23.7	35.5

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#21

Naphthalene-d8

Concen: 20.000 ng

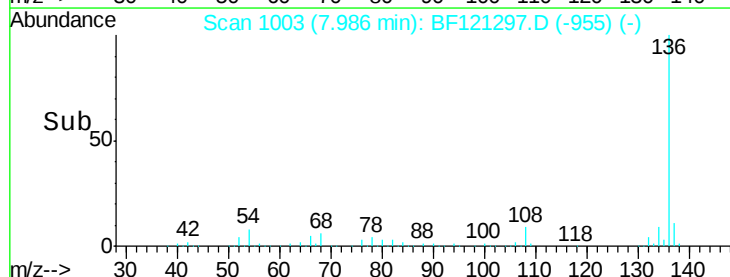
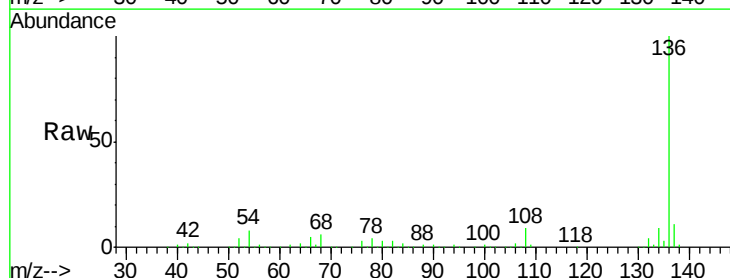
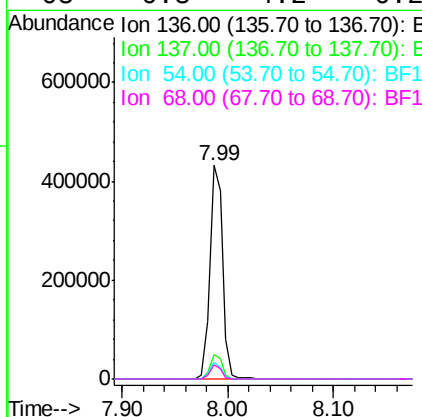
RT: 7.99 min Scan# 1003

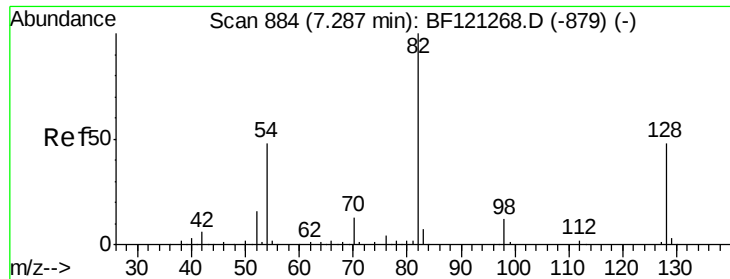
Delta R.T. -0.02 min

Lab File: BF121297.D

Acq: 14 Aug 2020 21:26

Tgt Ion:	136	Resp:	366372
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	8.1	5.3	7.9#
68	6.3	4.2	6.2#





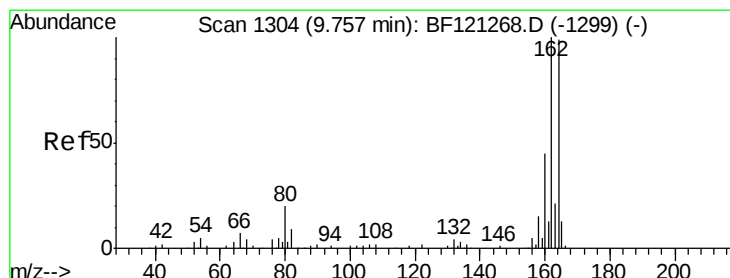
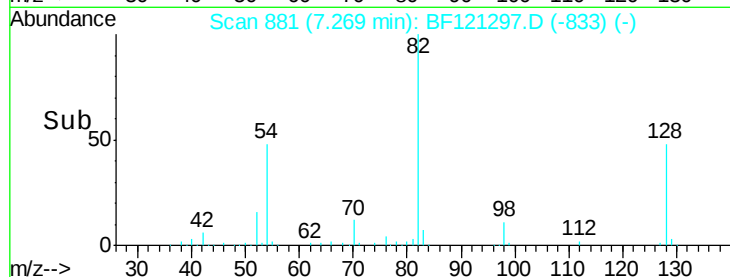
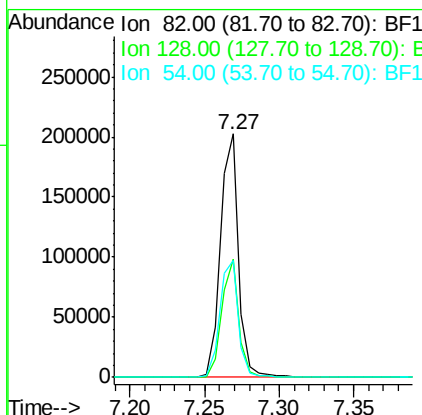
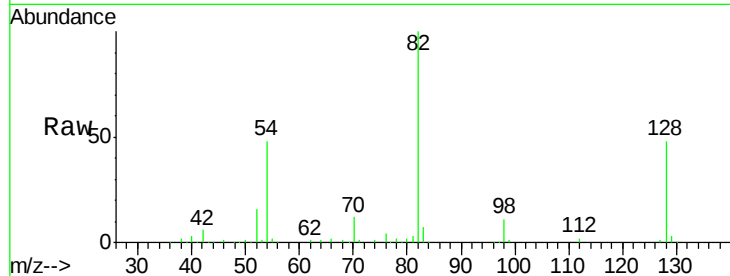
#23
Nitrobenzene-d5
Concen: 25.698 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF121297.D
Acq: 14 Aug 2020 21:26

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Resp	Lower	Upper
82	100	172267		
128	48.4	39.8	59.8	
54	47.8	37.7	56.5	

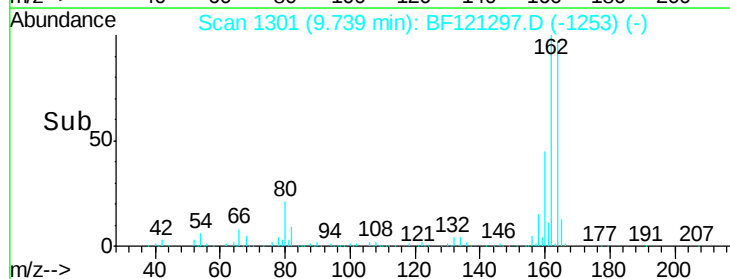
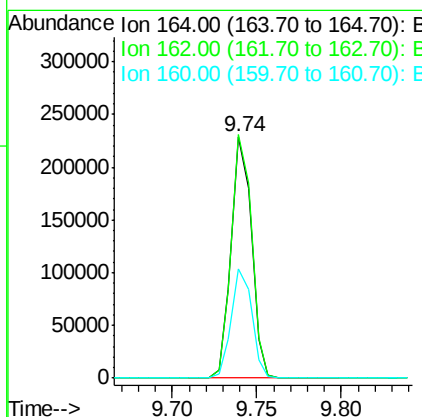
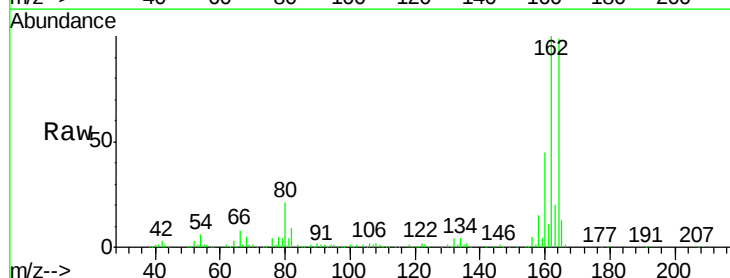
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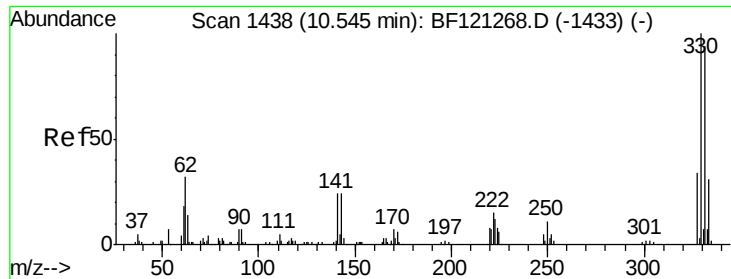
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF121297.D
Acq: 14 Aug 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191972		
162	100.9	81.2	121.8	
160	45.0	36.9	55.3	





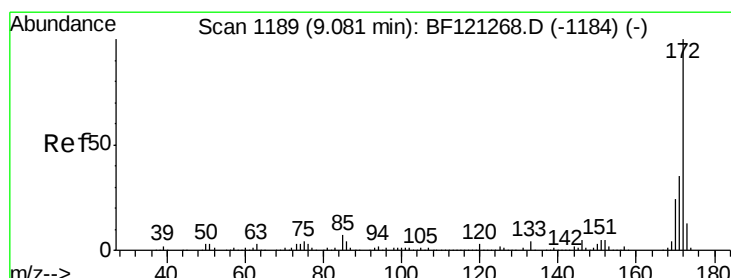
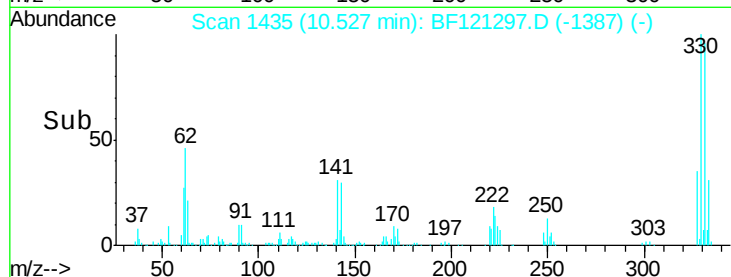
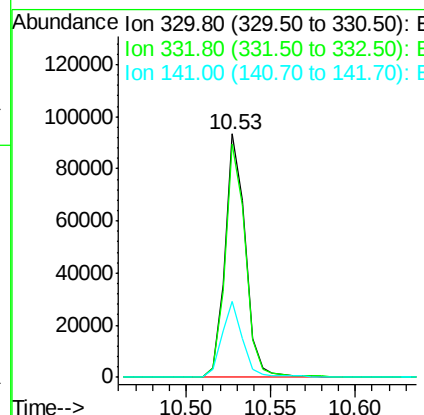
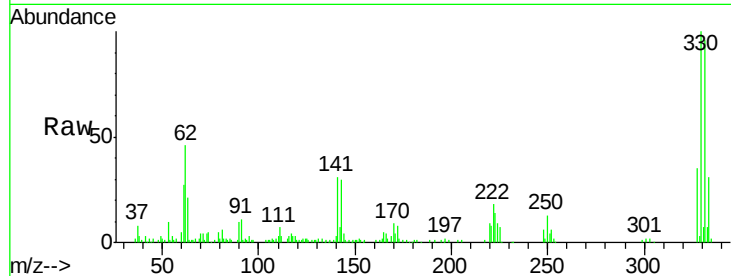
#42
 2,4,6-Tribromophenol
 Concen: 33.358 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF121297.D
 Acq: 14 Aug 2020 21:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.0
141	32.3	23.4	35.2

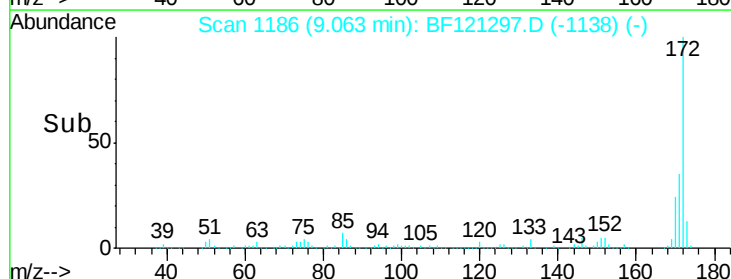
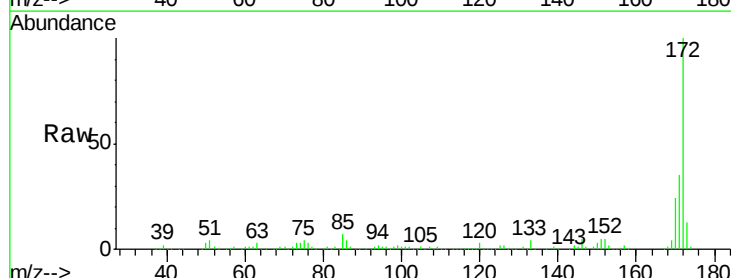
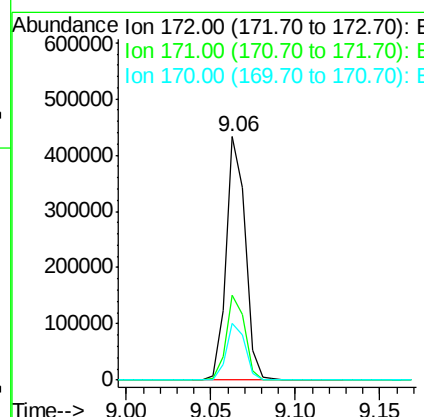
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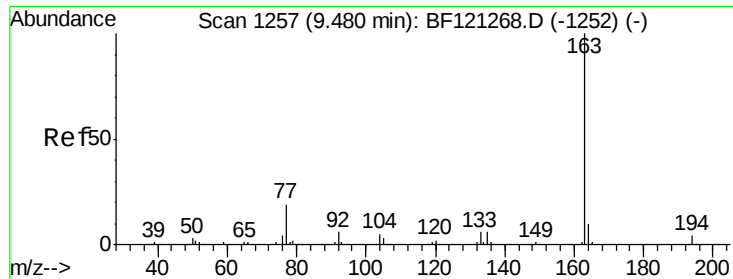
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#45
 2-Fluorobiphenyl
 Concen: 24.693 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF121297.D
 Acq: 14 Aug 2020 21:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.5	19.3	28.9





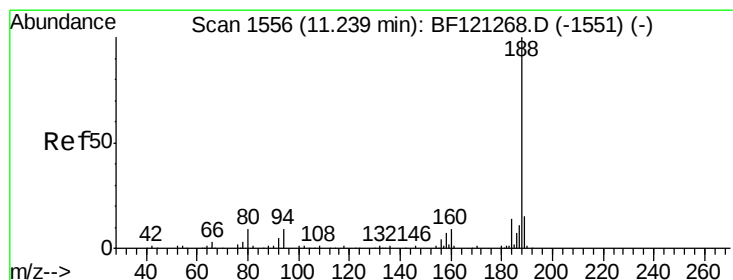
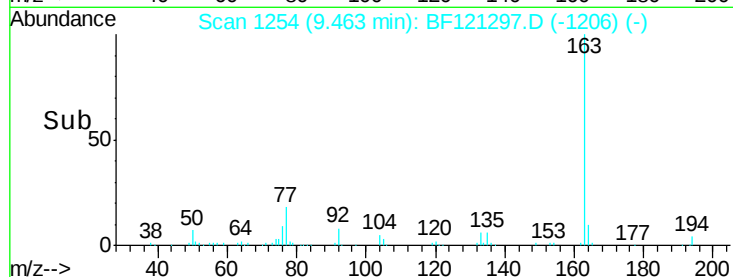
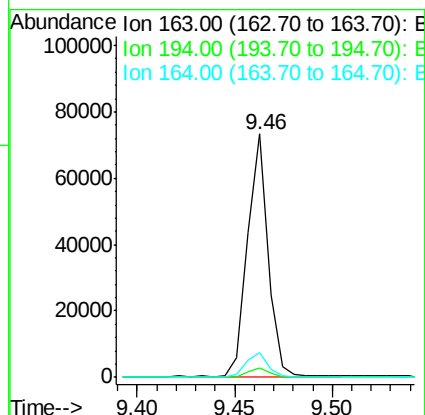
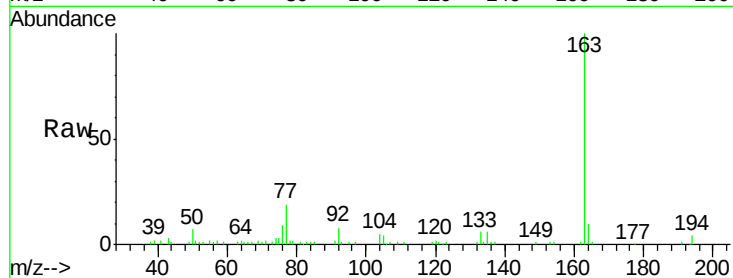
#50
Dimethylphthalate
Concen: 3.770 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF121297.D
Acq: 14 Aug 2020 21:26

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion:	163	Resp:	54465
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	10.2	8.1	12.1

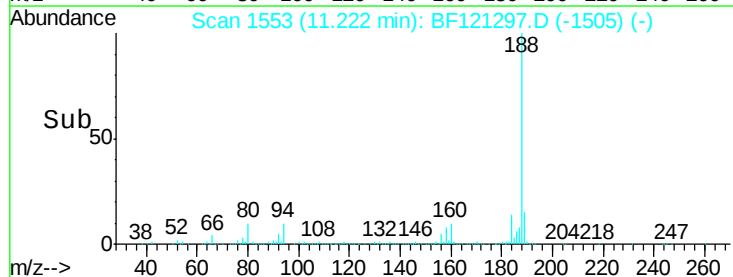
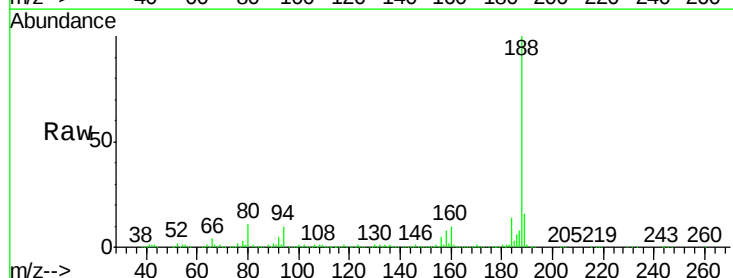
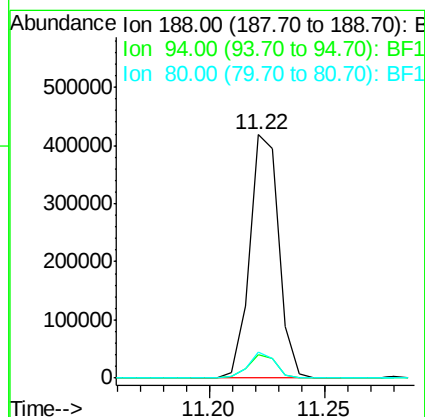
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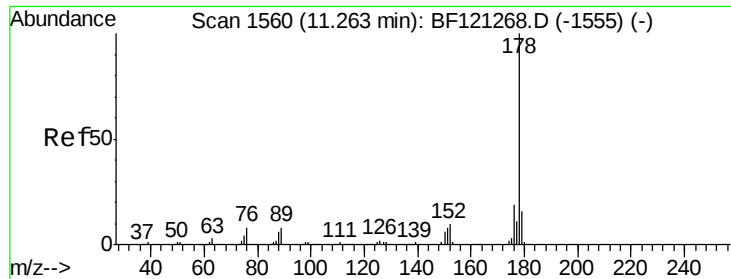
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF121297.D
Acq: 14 Aug 2020 21:26

Tgt Ion:	188	Resp:	369424
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.0	10.6
80	10.5	7.4	11.0





#71

Phenanthrene

Concen: 2.221 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF121297.D

Acq: 14 Aug 2020 21:26

Instrument :

BNA_F

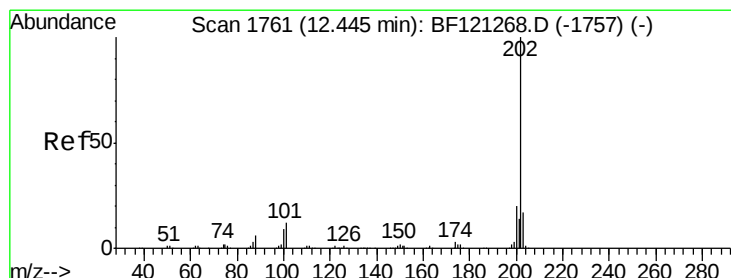
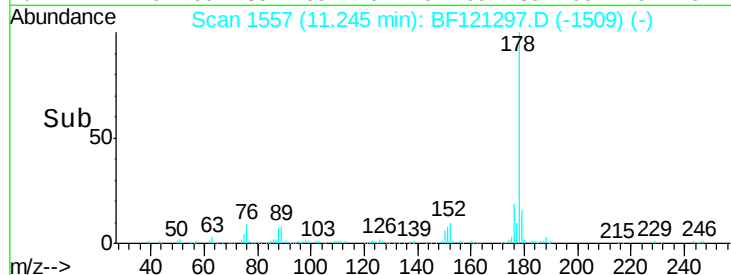
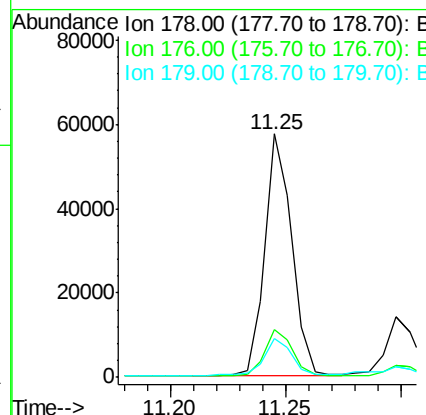
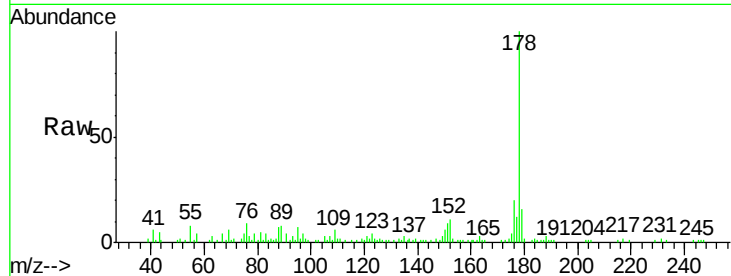
ClientSampleId :

TP-6

Tot Ion:	178	Resp:	46937
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.8	23.8
179	16.1	12.6	19.0

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#75

Fluoranthene

Concen: 5.643 ng

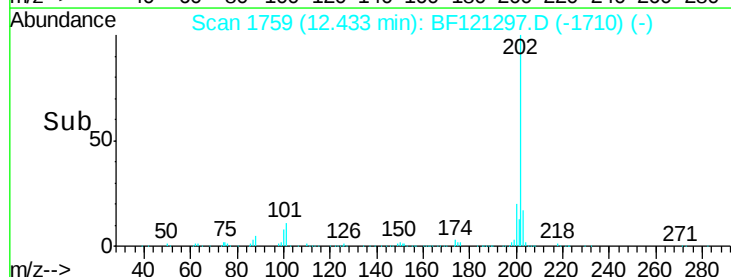
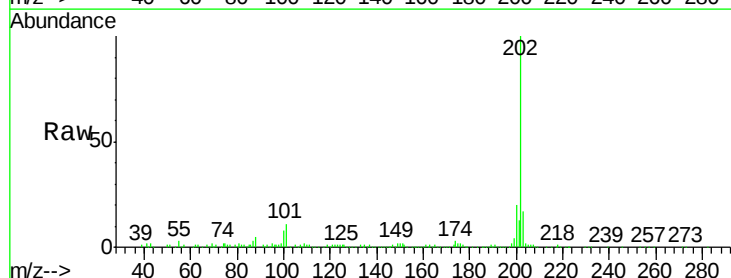
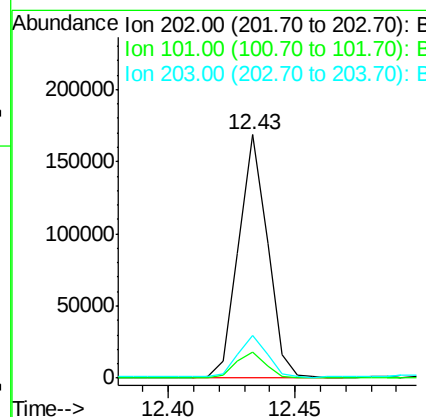
RT: 12.43 min Scan# 1759

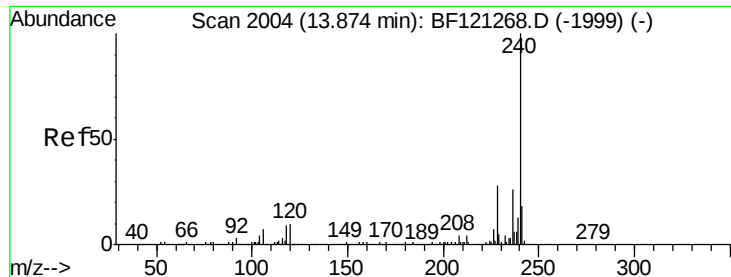
Delta R.T. -0.01 min

Lab File: BF121297.D

Acq: 14 Aug 2020 21:26

Tgt Ion:	202	Resp:	132810
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	30.6
203	17.4	0.0	38.0





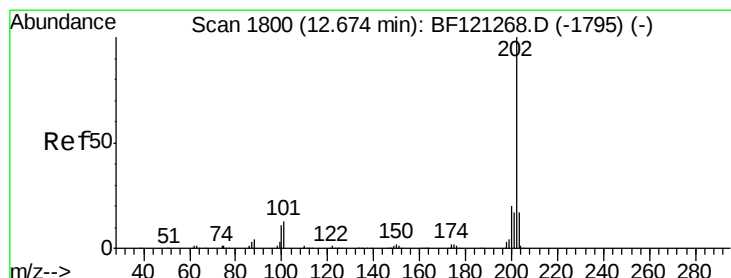
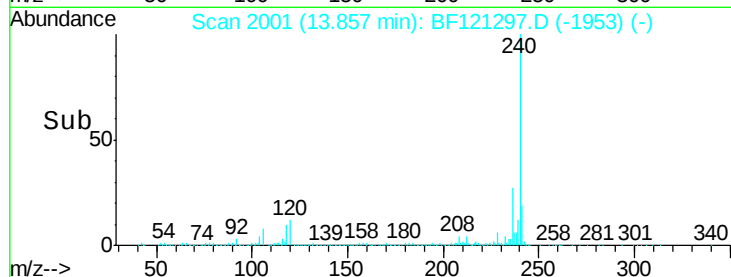
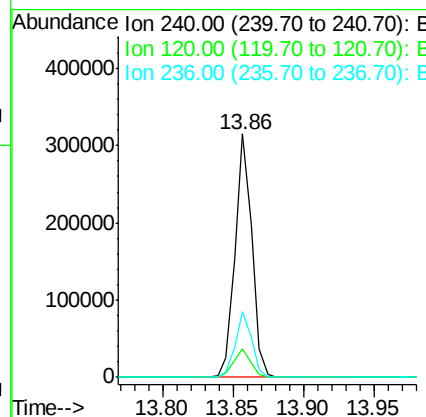
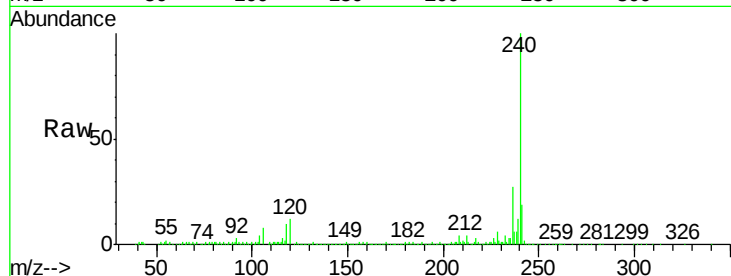
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF121297.D
Acq: 14 Aug 2020 21:26

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ratio	Resp	Lower	Upper
240	100	260917		
120	11.9	9.2	13.8	
236	26.8	21.0	31.4	

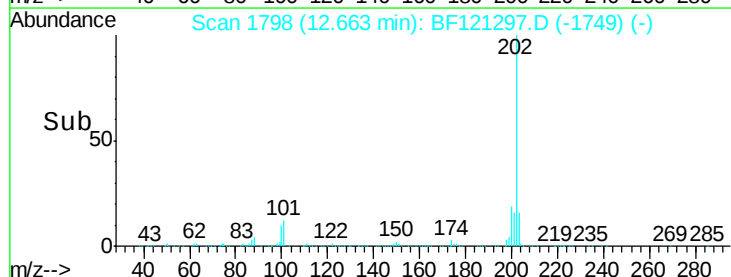
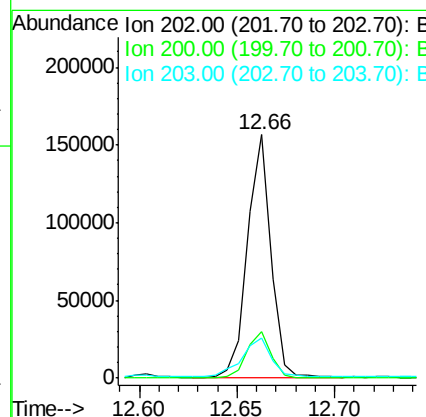
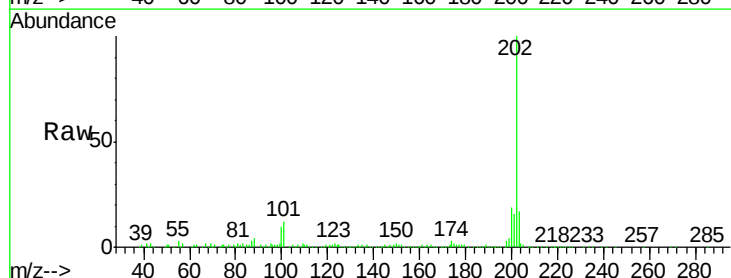
Manual Integrations
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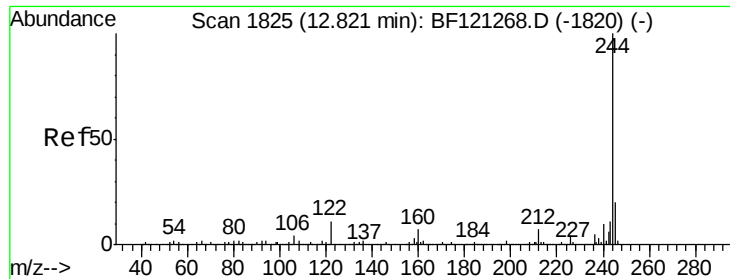
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#78
Pyrene
Concen: 6.637 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF121297.D
Acq: 14 Aug 2020 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	128956		
200	19.0	16.3	24.5	
203	16.7	13.8	20.8	





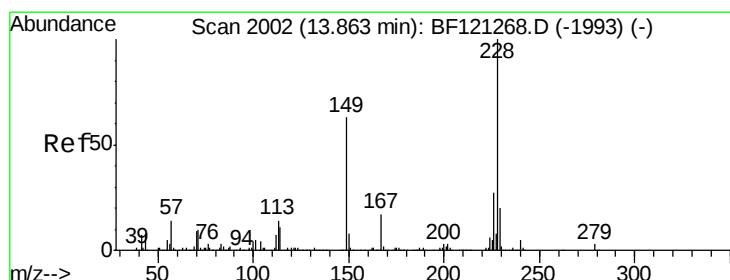
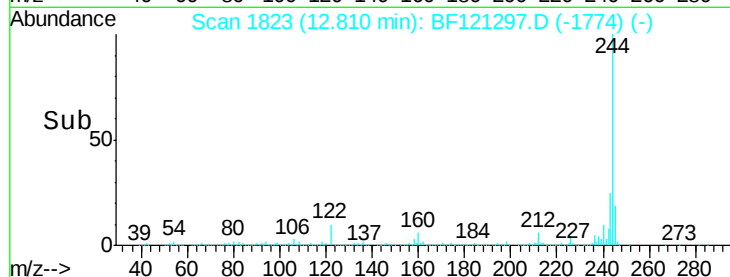
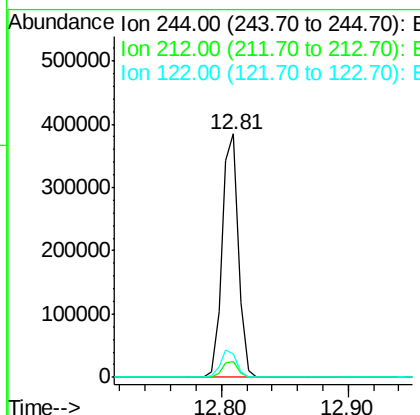
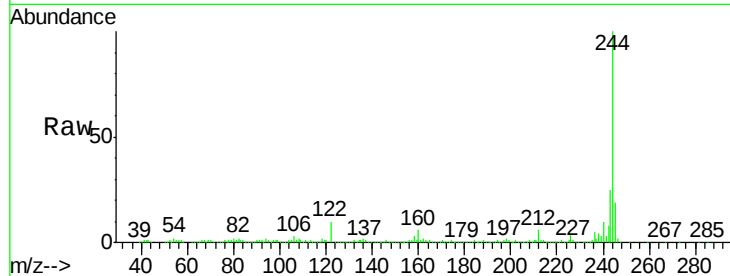
#79
 Terphenyl-d14
 Concen: 25.729 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF121297.D
 Acq: 14 Aug 2020 21:26

Instrument :
 BNA_F
 ClientSampled :
 TP-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.5	8.3
122	9.7	9.1	13.7

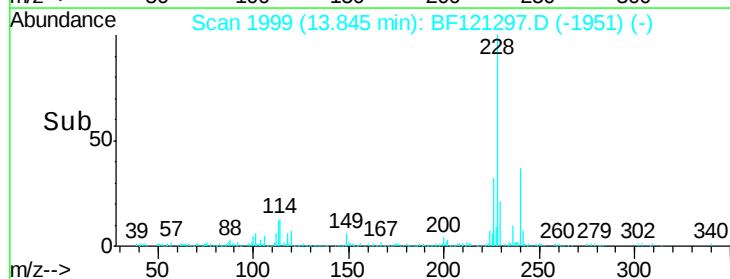
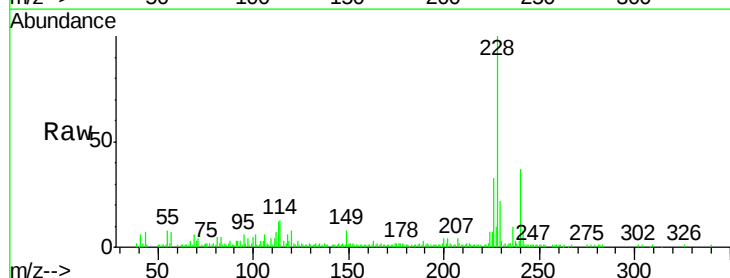
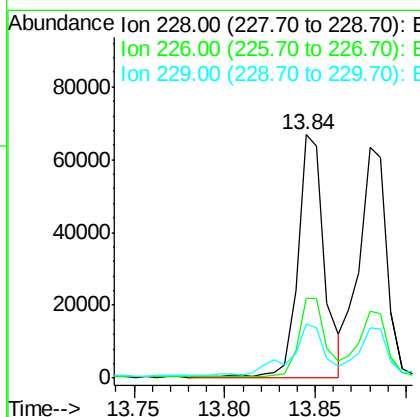
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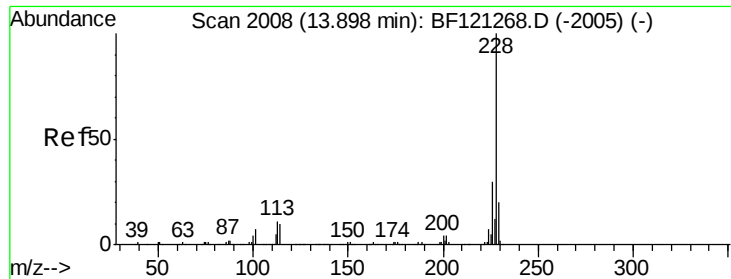
mohammad
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#81
 Benzo(a)anthracene
 Concen: 3.931 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF121297.D
 Acq: 14 Aug 2020 21:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.0	33.0
229	22.0	16.0	24.0





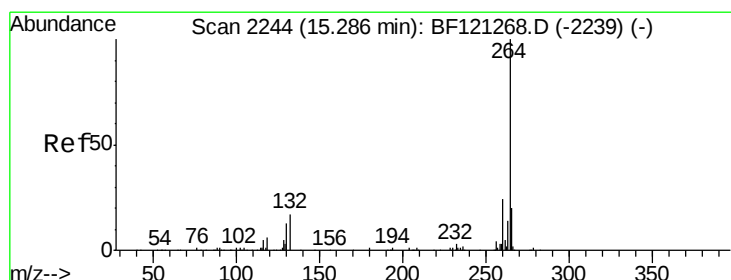
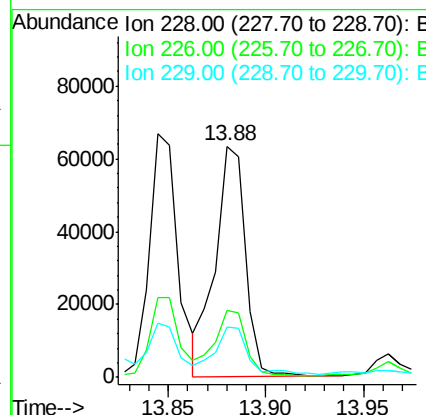
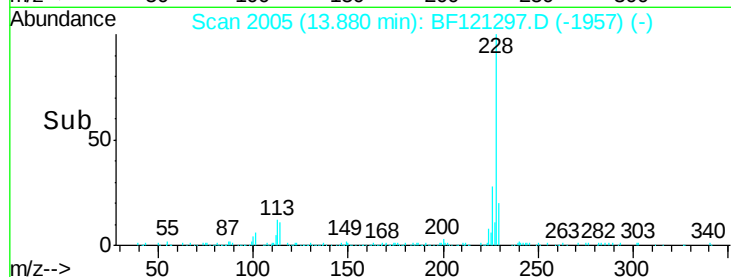
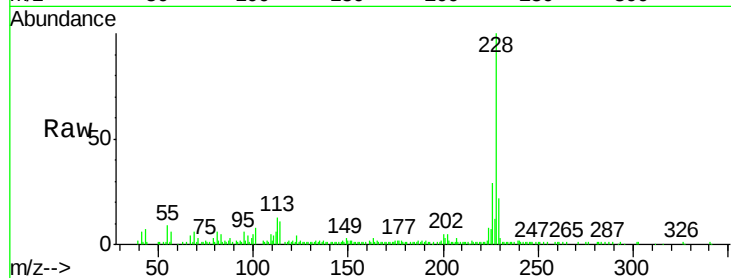
#83
Chrysene
Concen: 3.807 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF121297.D
Acq: 14 Aug 2020 21:26

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion:	228	Resp:	68778
Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.8	37.2
229	21.8	16.2	24.2

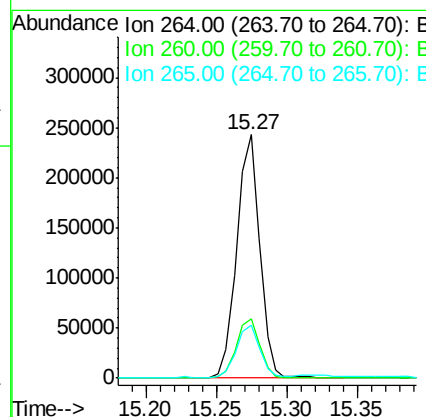
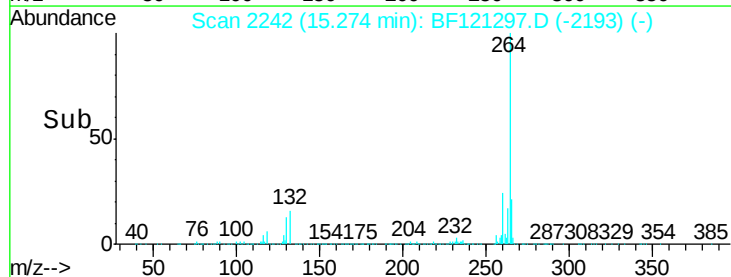
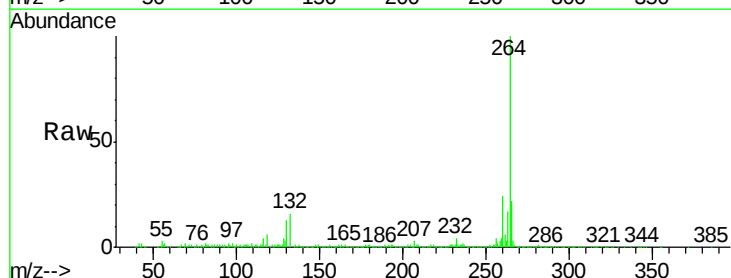
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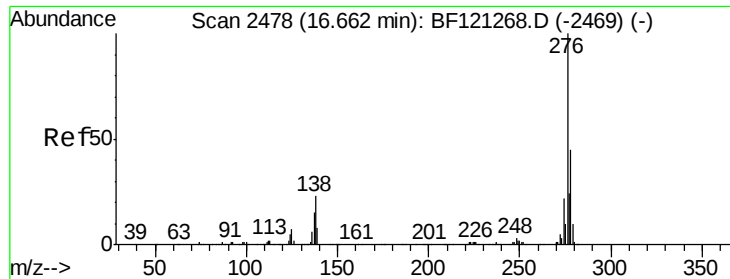
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF121297.D
Acq: 14 Aug 2020 21:26

Tgt Ion:	264	Resp:	274189
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.7	17.1	25.7





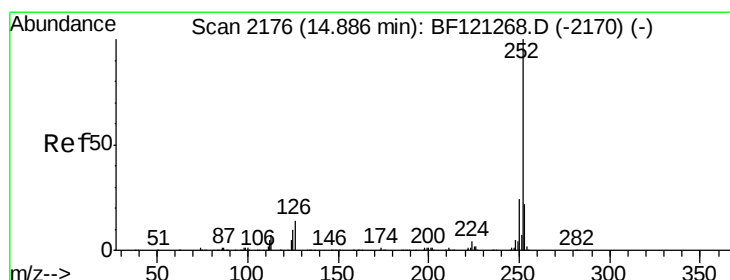
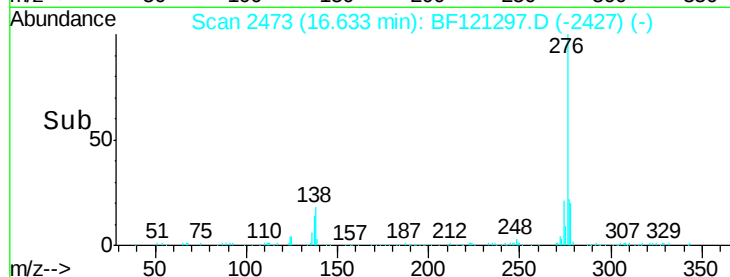
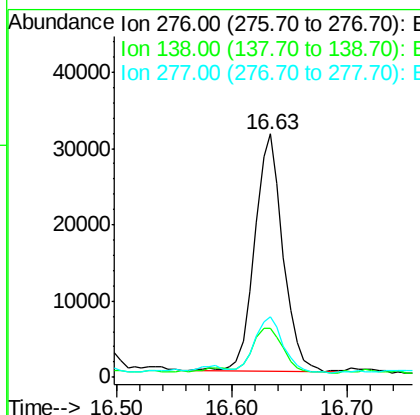
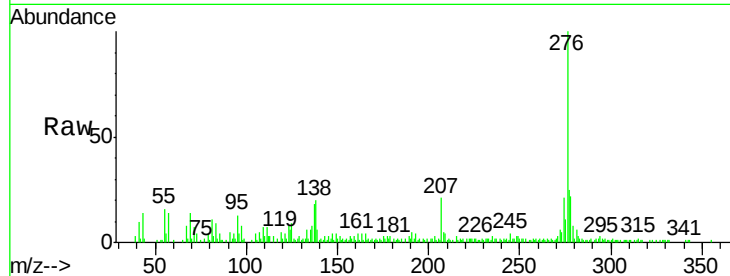
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.605 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. -0.03 min
 Lab File: BF121297.D
 Acq: 14 Aug 2020 21:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	19.6	29.4
277	24.4	20.0	30.0

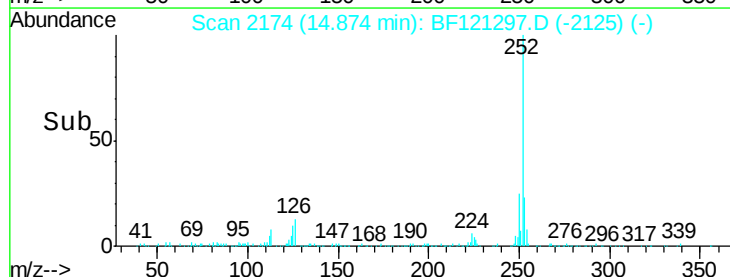
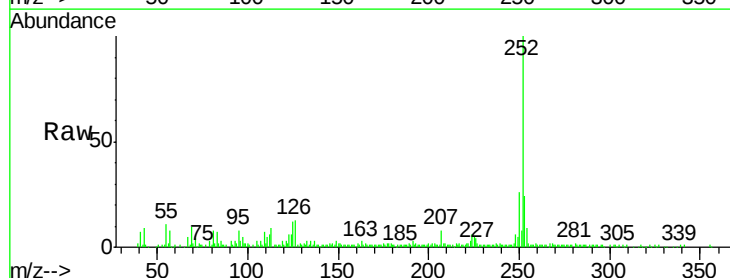
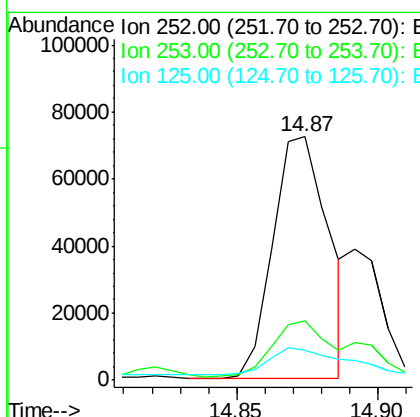
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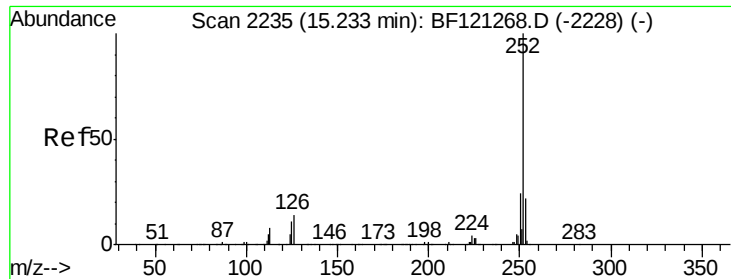
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 5.338 ng m
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BF121297.D
 Acq: 14 Aug 2020 21:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	12.2	7.6	11.4





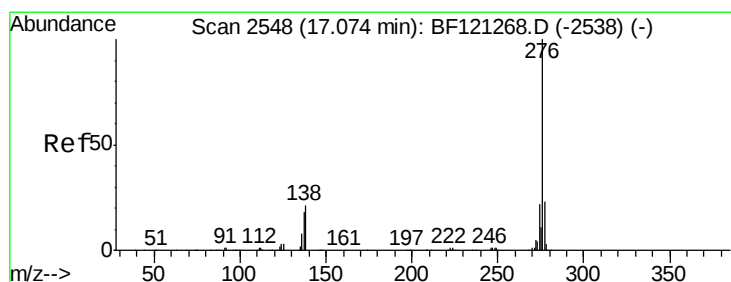
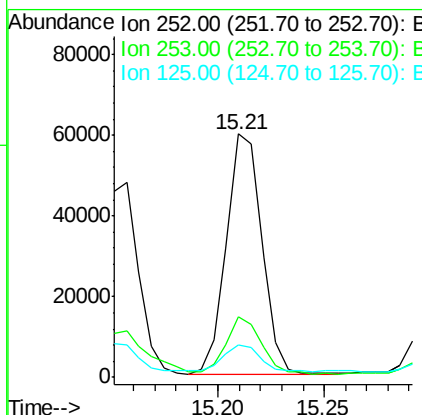
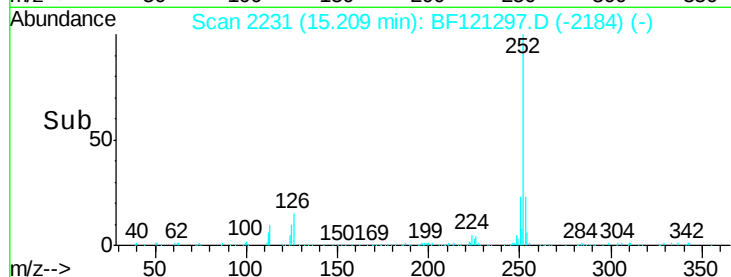
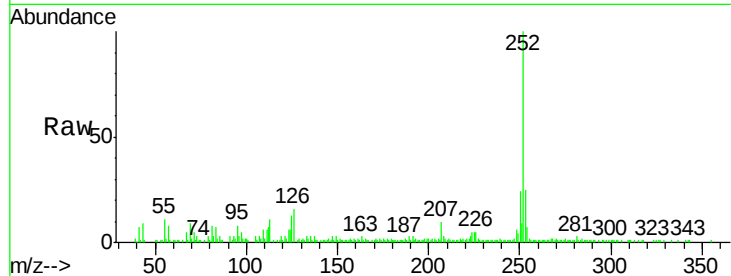
#90
Benzo(a)pyrene
Concen: 4.197 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF121297.D
Acq: 14 Aug 2020 21:26

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	13.2	9.3	13.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.257 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.03 min
Lab File: BF121297.D
Acq: 14 Aug 2020 21:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.1	28.7
138	21.1	16.2	24.2

