

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120118.D
 Acq On : 21 Apr 2020 22:29
 Operator : MA/SJ
 Sample : L2327-29
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Manual Integrations
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mohammad
 4/24/2020 4:17:20 AM

Quant Time: Apr 22 04:21:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	85613	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	316950	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	155662	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	275009	20.00	ng	0.00
76) Chrysene-d12	13.86	240	178504	20.00	ng	-0.01
87) Perylene-d12	15.27	264	163213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	741635	149.71	ng	0.00
7) Phenol-d6	6.33	99	953189	149.32	ng	0.00
23) Nitrobenzene-d5	7.26	82	587995	95.97	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	228749	120.03	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1142904	104.24	ng	0.00
79) Terphenyl-d14	12.81	244	965350	91.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	224405	18.638	ng	Qvalue 100
75) Fluoranthene	12.43	202	39419	2.496	ng	96
78) Pyrene	12.66	202	54959	3.652	ng	98
81) Benzo(a)anthracene	13.84	228	27251	2.321	ng	92
83) Chrysene	13.89	228	28866m	2.419	ng	
88) Benzo(b)fluoranthene	14.87	252	35699m	3.041	ng	
89) Benzo(k)fluoranthene	14.87	252	46071	4.548	ng	# 87
90) Benzo(a)pyrene	15.22	252	27088	2.744	ng	# 81
92) Benzo(g,h,i)perylene	17.06	276	20227	2.343	ng	# 91

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

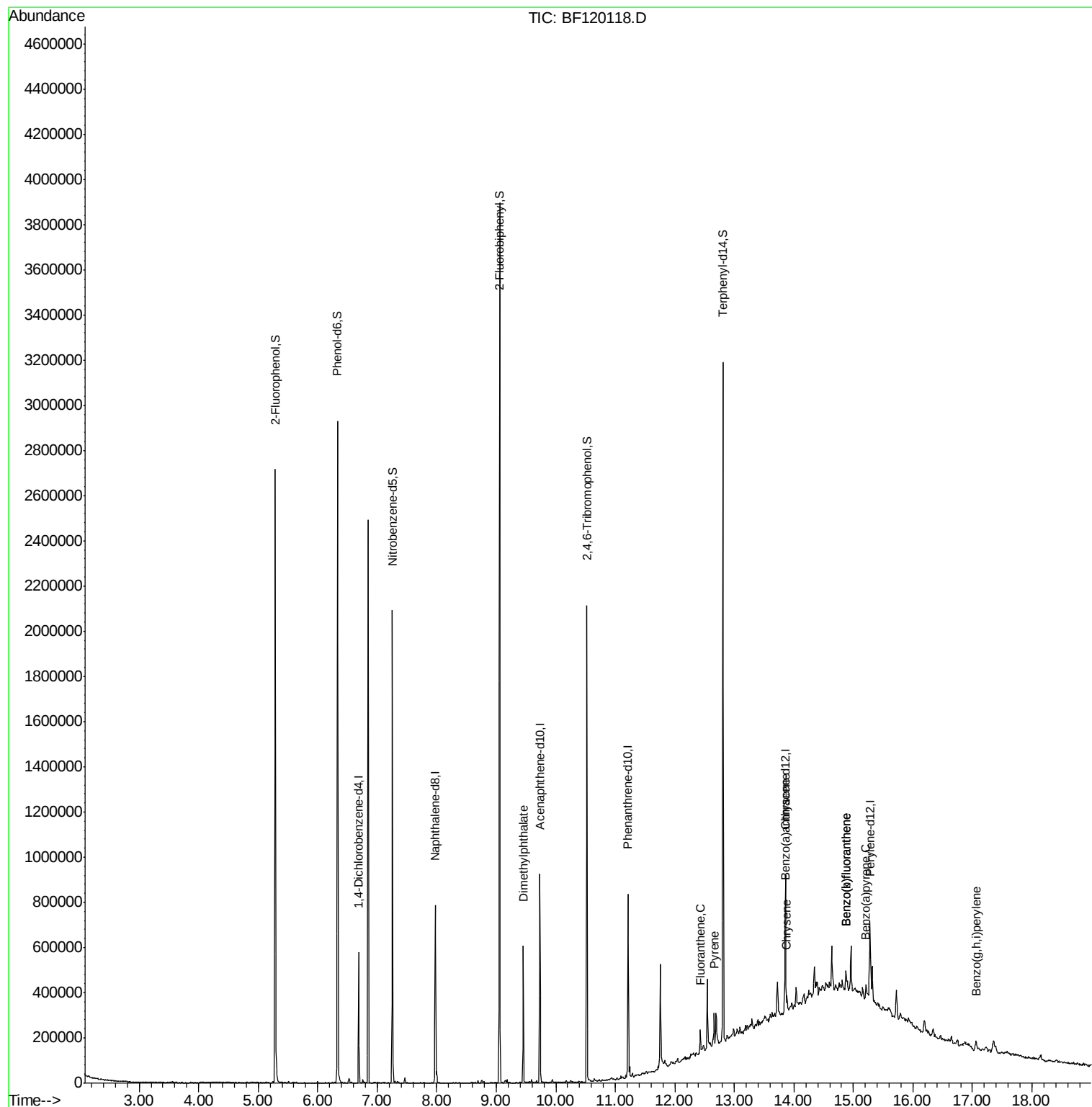
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120118.D
Acq On : 21 Apr 2020 22:29
Operator : MA/SJ
Sample : L2327-29
Misc :
ALS Vial : 22 Sample Multiplier: 1

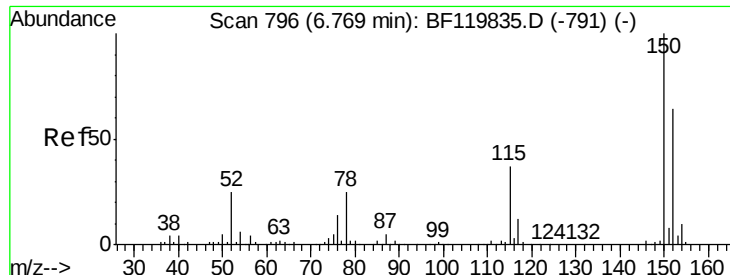
Instrument :
BNA_F
ClientSampleId :
TP-4-S

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Quant Time: Apr 22 04:21:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

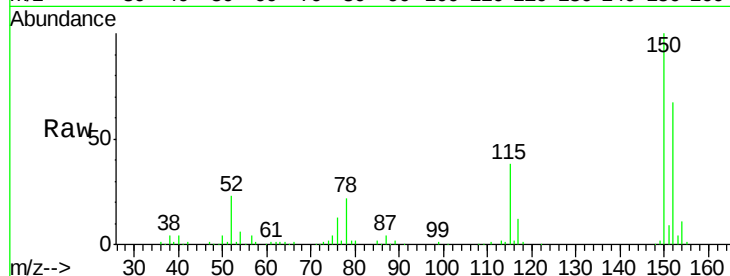
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120118.D
Acq: 21 Apr 2020 22:29

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	124.8	187.2
115	57.0	46.5	69.7

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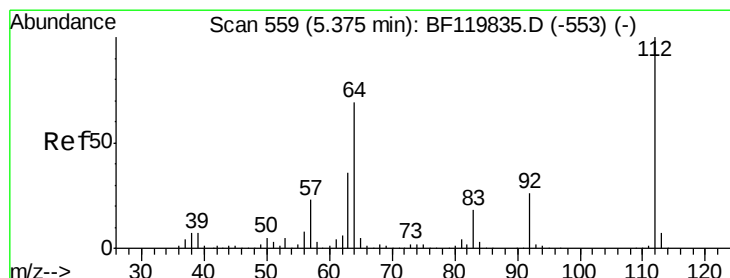
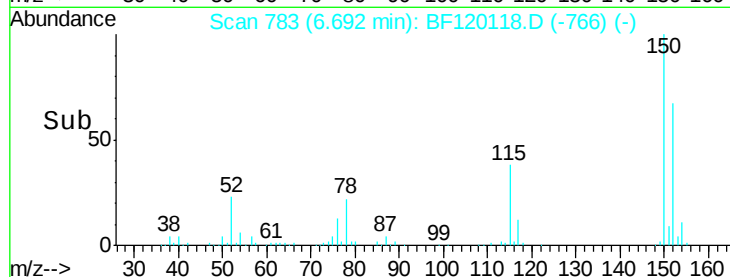
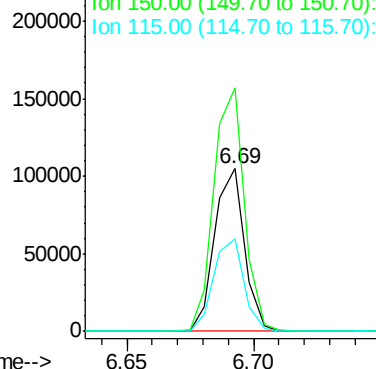


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

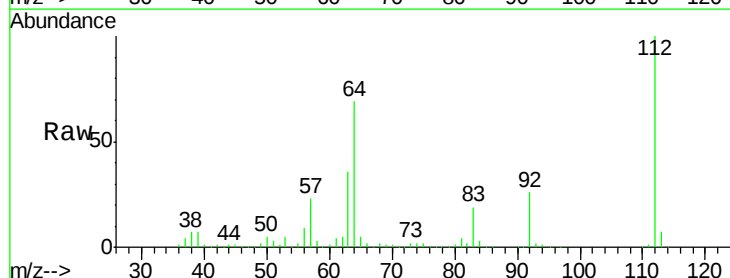
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 149.706 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF120118.D
Acq: 21 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	55.5	83.3
63	35.9	29.1	43.7

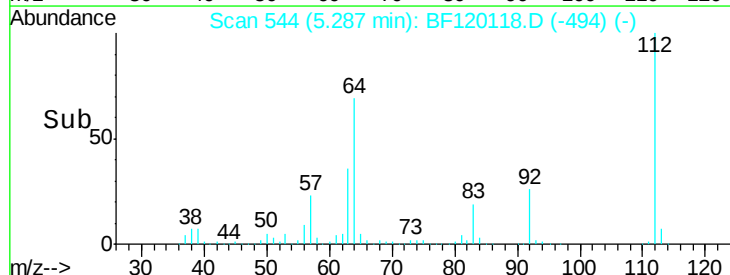
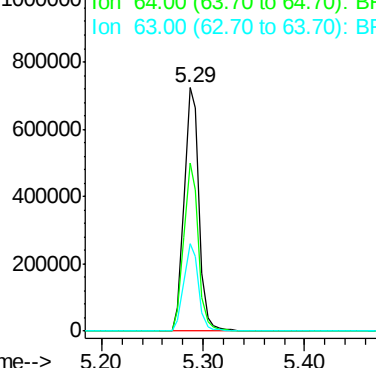


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 149.324 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF120118.D

Acq: 21 Apr 2020 22:29

Instrument :

BNA_F

ClientSampled :

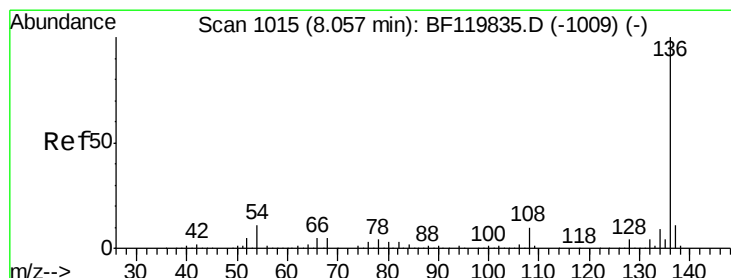
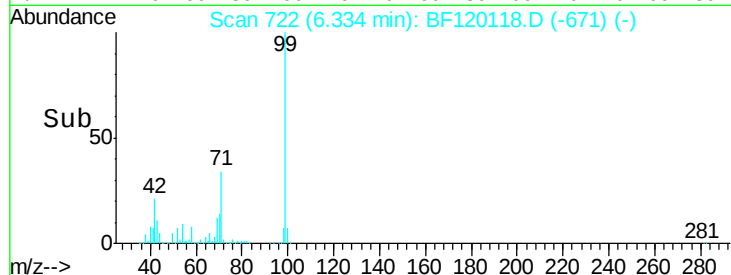
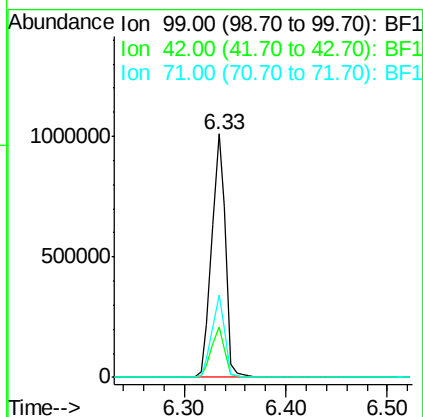
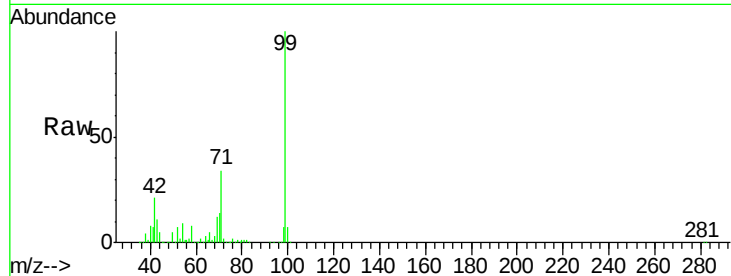
TP-4-S

Tot Ion:	99	Resp:	953189
Ion Ratio	Lower	Upper	
99	100		
42	20.8	16.9	25.3
71	33.6	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

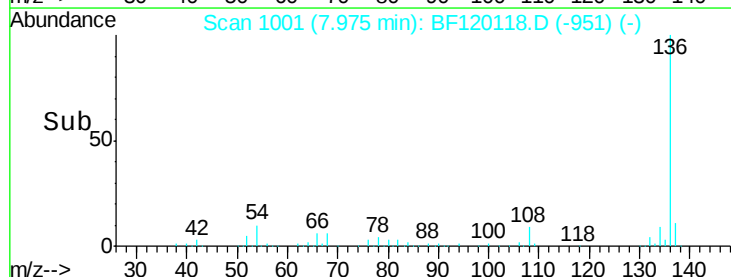
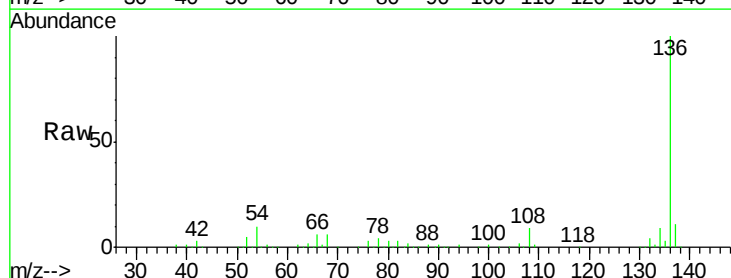
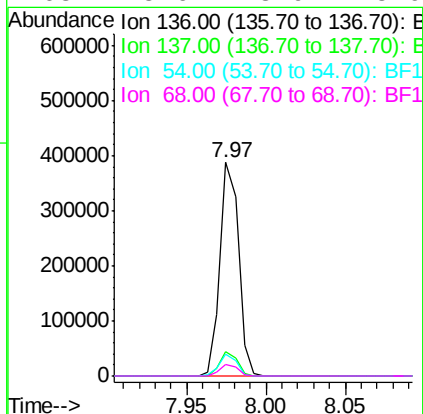
RT: 7.97 min Scan# 1001

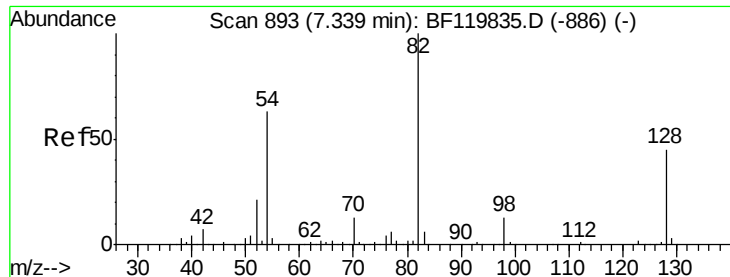
Delta R.T. -0.01 min

Lab File: BF120118.D

Acq: 21 Apr 2020 22:29

Tgt Ion:	136	Resp:	316950
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.7	13.1
54	10.4	8.5	12.7
68	5.6	3.9	5.9





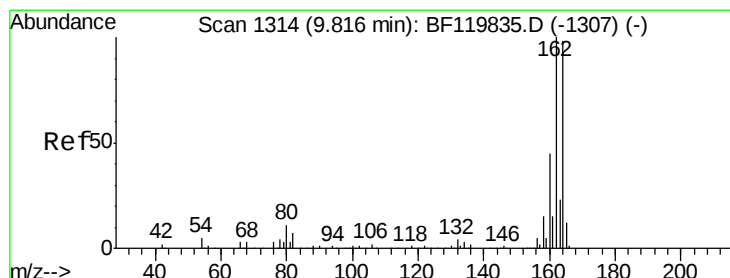
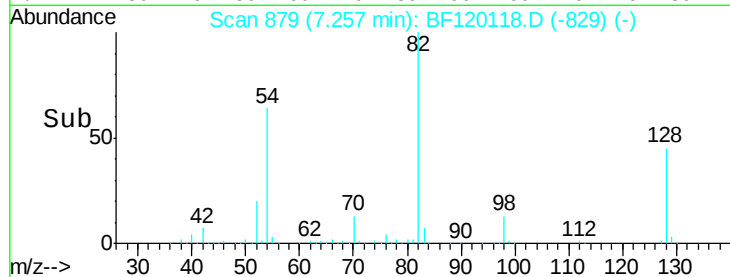
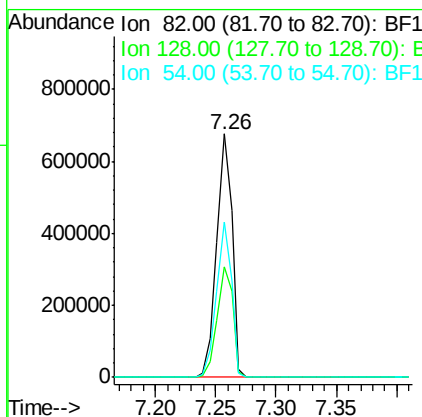
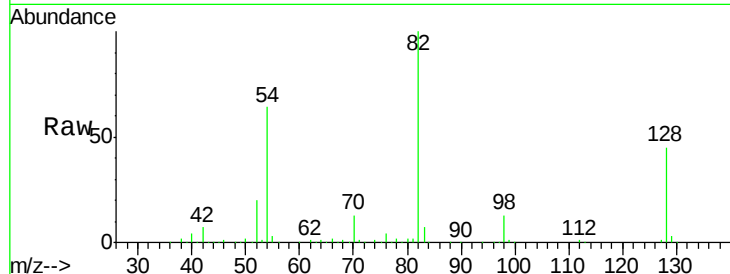
#23
 Nitrobenzene-d5
 Concen: 95.974 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF120118.D
 Acq: 21 Apr 2020 22:29

Instrument :
 BNA_F
 ClientSampled :
 TP-4-S

Tot Ion:	82	Resp:	587995
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.2	54.4
54	63.6	50.4	75.6

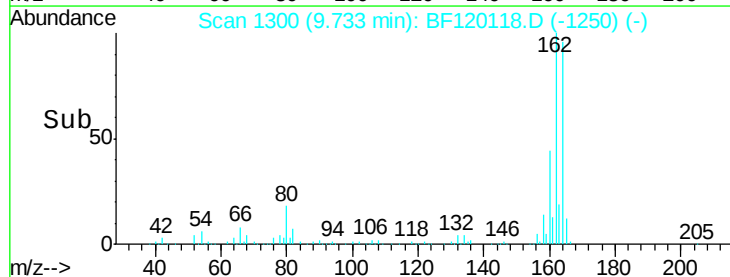
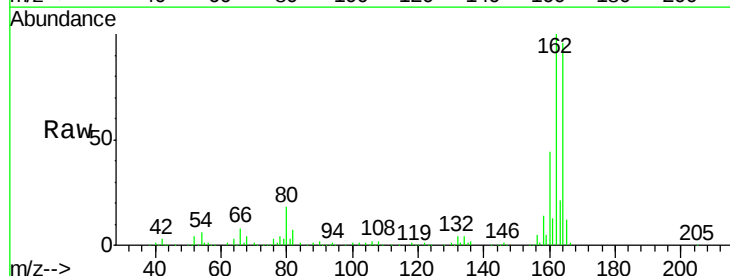
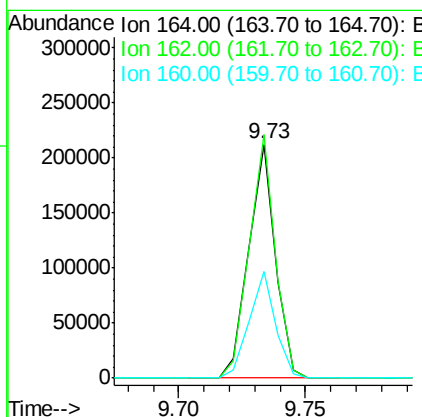
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF120118.D
 Acq: 21 Apr 2020 22:29

Tgt Ion:	164	Resp:	155662
Ion Ratio	Lower	Upper	
164	100		
162	104.3	81.9	122.9
160	45.9	36.6	54.8





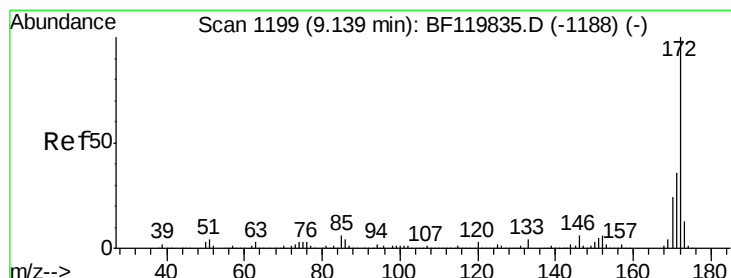
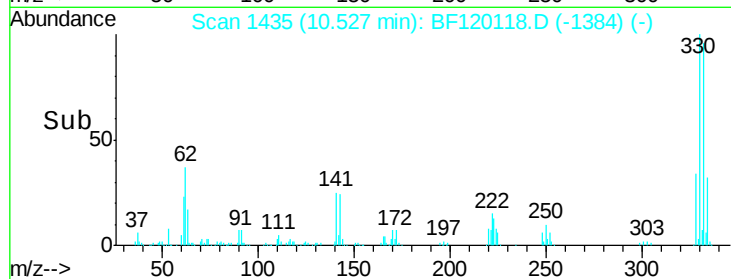
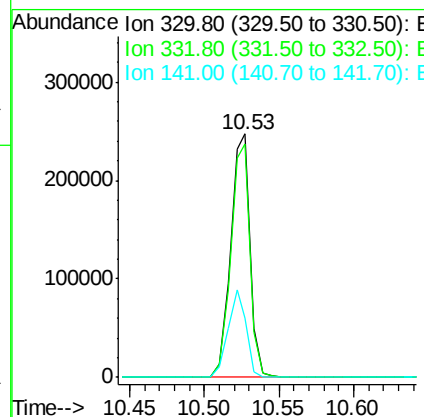
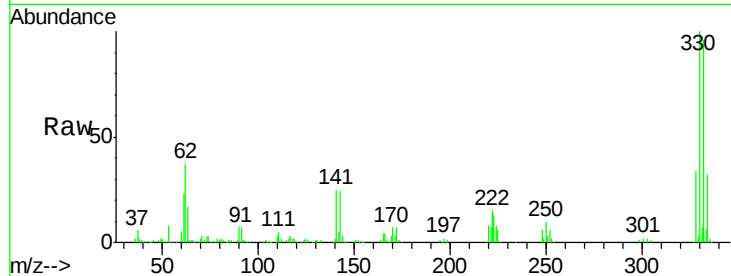
#42
 2,4,6-Tribromophenol
 Concen: 120.026 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF120118.D
 Acq: 21 Apr 2020 22:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.8	115.2
141	33.9	25.1	37.7

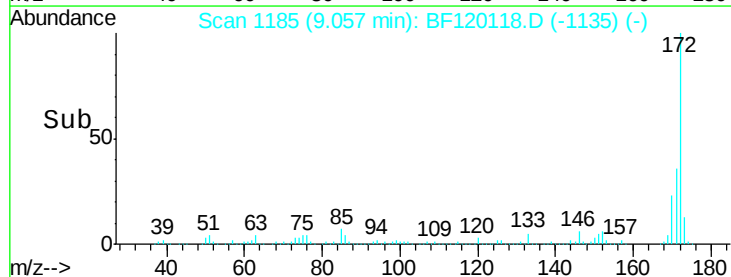
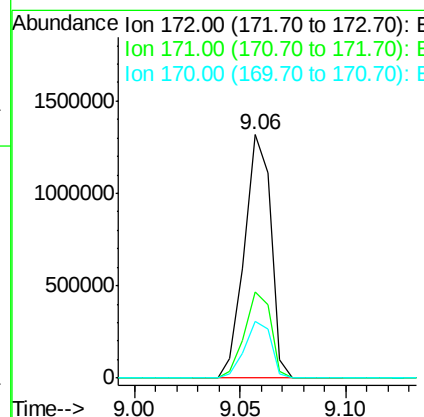
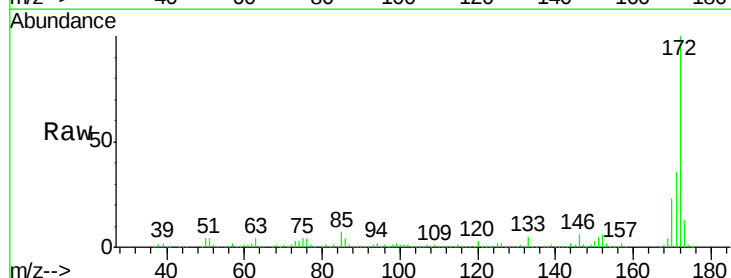
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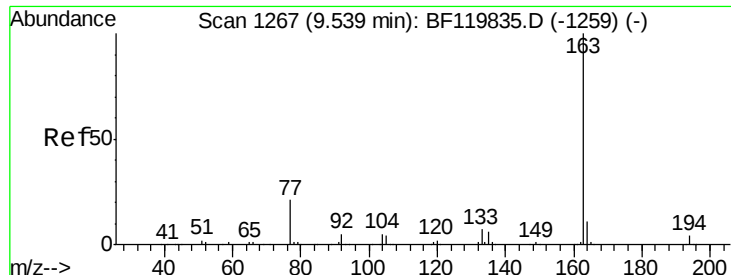
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#45
 2-Fluorobiphenyl
 Concen: 104.243 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF120118.D
 Acq: 21 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.5	19.4	29.2





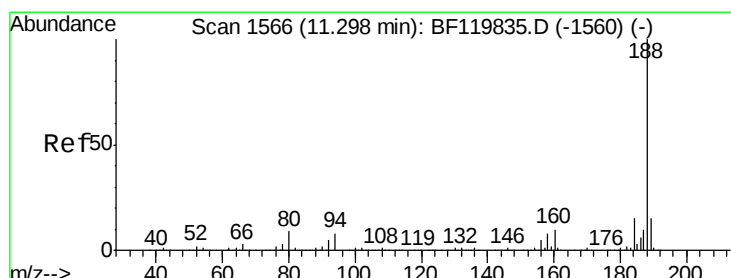
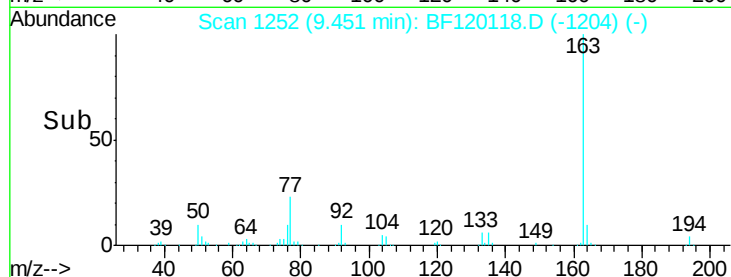
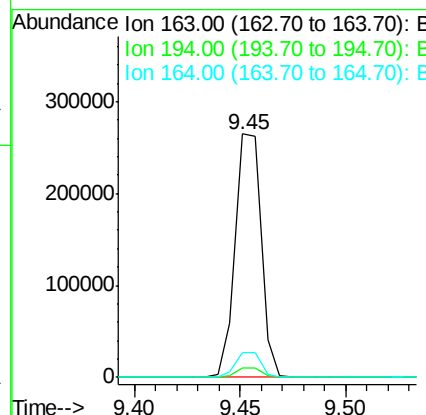
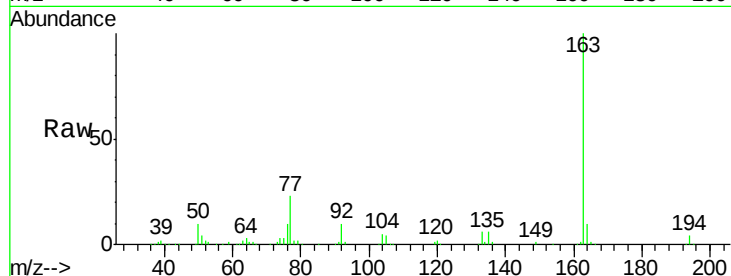
#50
Dimethylphthalate
Concen: 18.638 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF120118.D
Acq: 21 Apr 2020 22:29

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tot Ion:	163	Resp:	224405
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.4
164	10.3	8.4	12.6

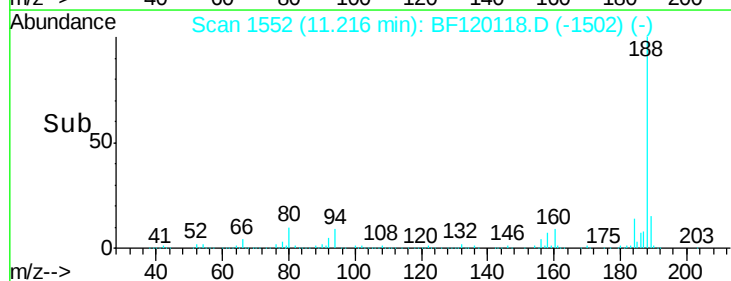
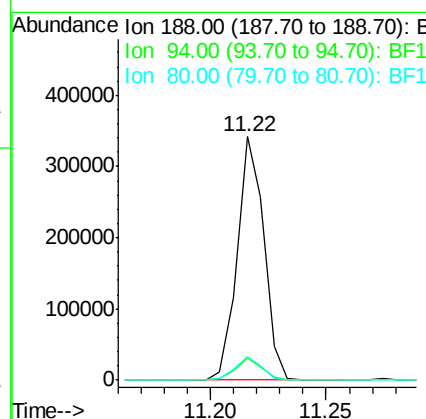
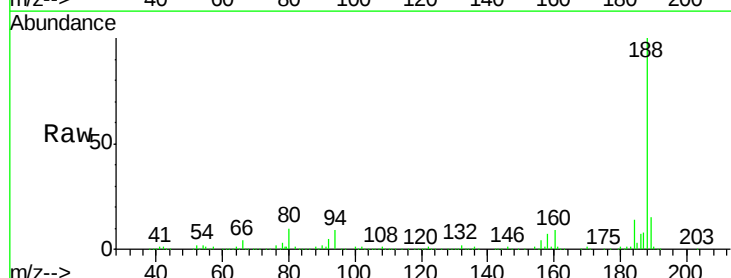
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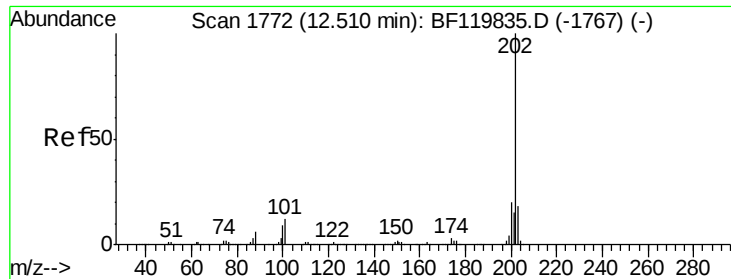
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF120118.D
Acq: 21 Apr 2020 22:29

Tgt Ion:	188	Resp:	275009
Ion Ratio	Lower	Upper	
188	100		
94	9.2	6.7	10.1
80	9.7	7.4	11.2





#75

Fluoranthene

Concen: 2.496 ng

RT: 12.43 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BF120118.D

Acq: 21 Apr 2020 22:29

Instrument :

BNA_F

ClientSampled :

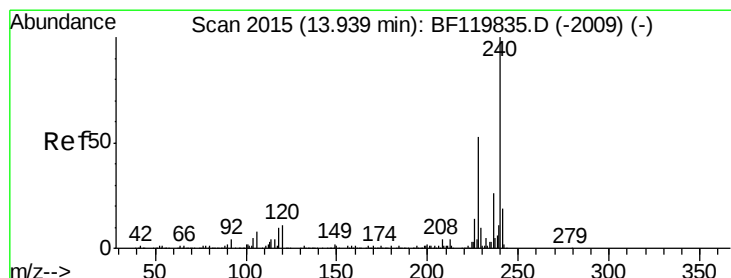
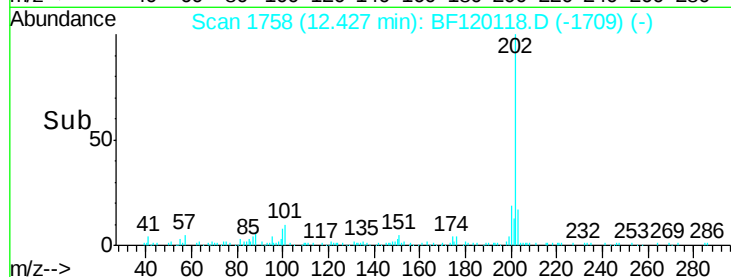
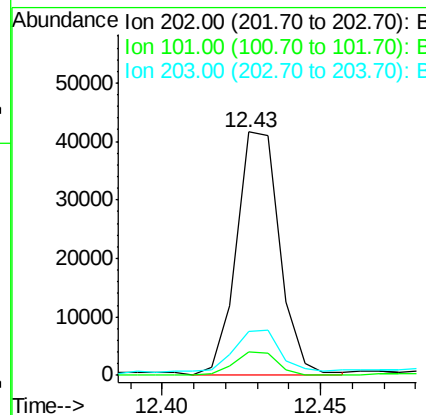
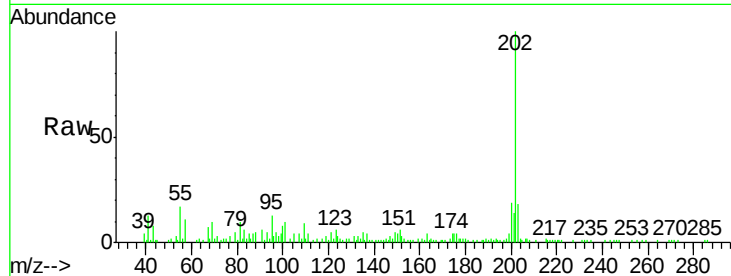
TP-4-S

Tot Ion:	202	Resp:	39419
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	32.3
203	18.1	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

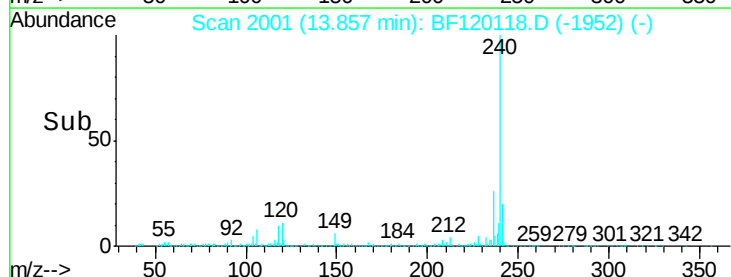
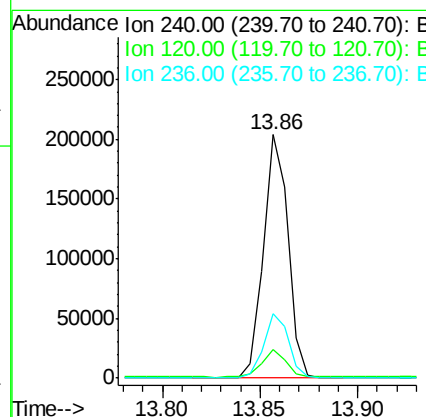
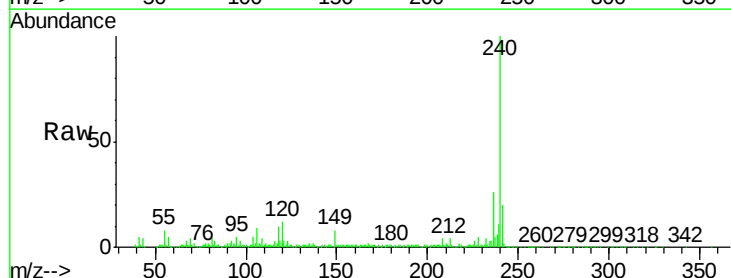
RT: 13.86 min Scan# 2001

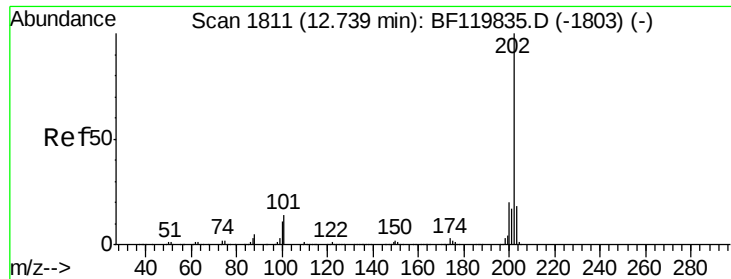
Delta R.T. -0.01 min

Lab File: BF120118.D

Acq: 21 Apr 2020 22:29

Tgt Ion:	240	Resp:	178504
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.0	13.6
236	26.3	20.7	31.1





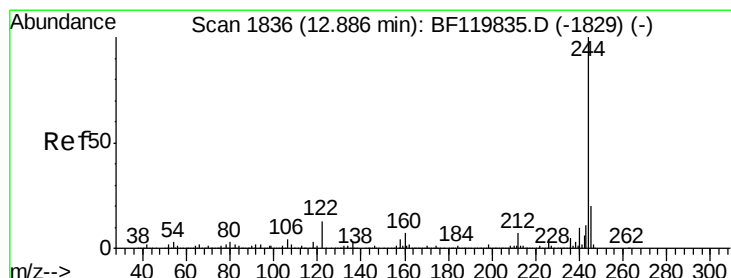
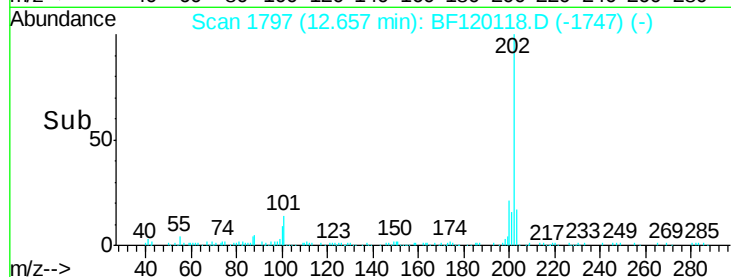
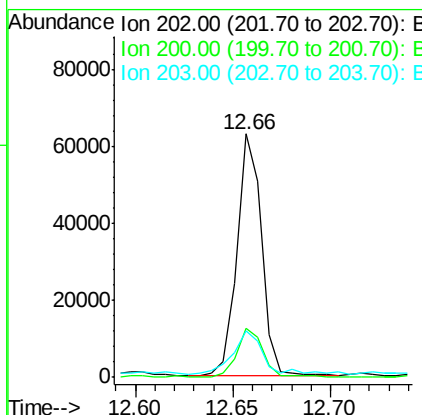
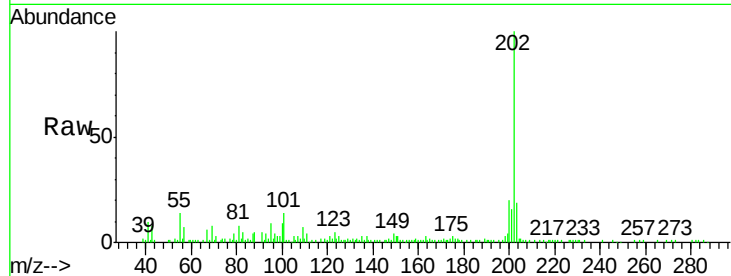
#78
Pvrene
Concen: 3.652 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF120118.D
Acq: 21 Apr 2020 22:29

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	19.1	14.1	21.1

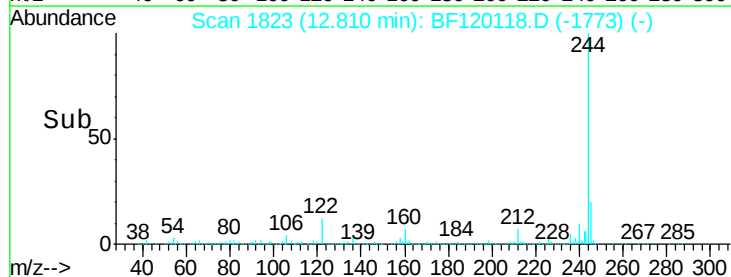
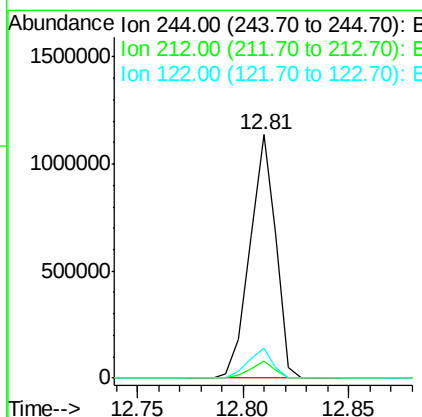
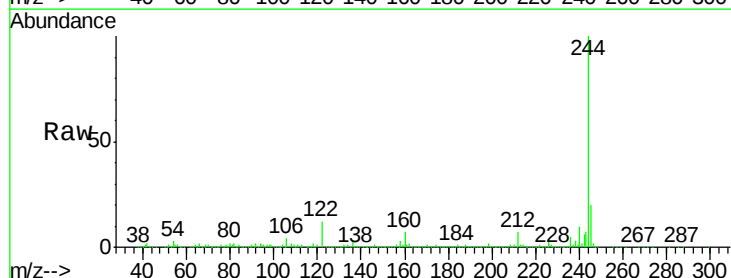
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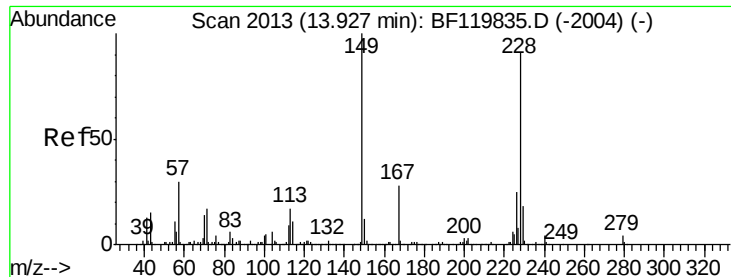
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#79
Terphenyl-d14
Concen: 90.998 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF120118.D
Acq: 21 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.2	10.3	15.5





#81

Benzo(a)anthracene

Concen: 2.321 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF120118.D

Acq: 21 Apr 2020 22:29

Instrument :

BNA_F

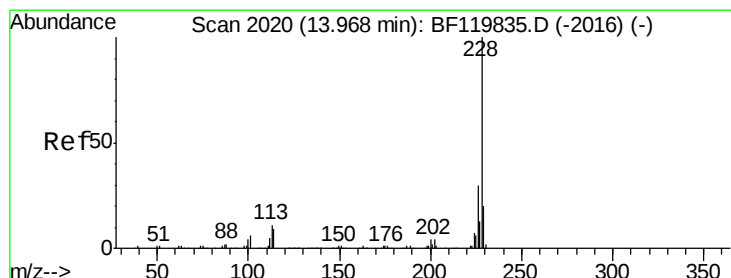
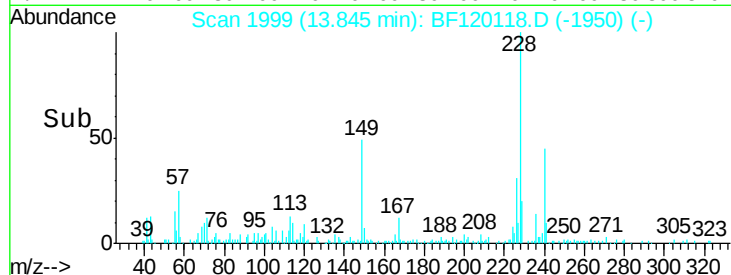
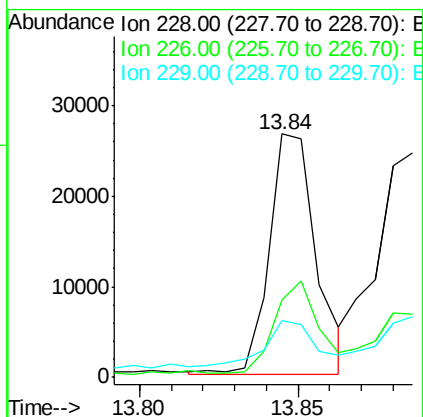
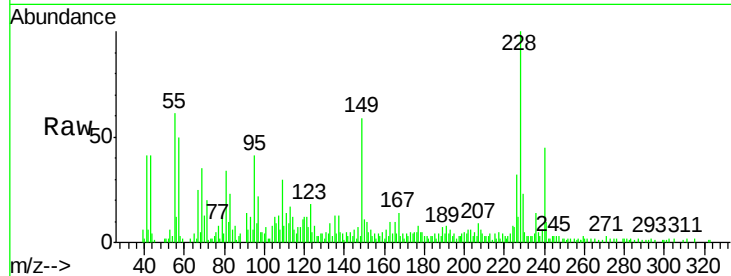
ClientSampled :

TP-4-S

Tot Ion:	228	Resp:	27251
Ion Ratio	Lower	Upper	
228	100		
226	31.9	21.9	32.9
229	23.4	15.9	23.9

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#83

Chrysene

Concen: 2.419 ng m

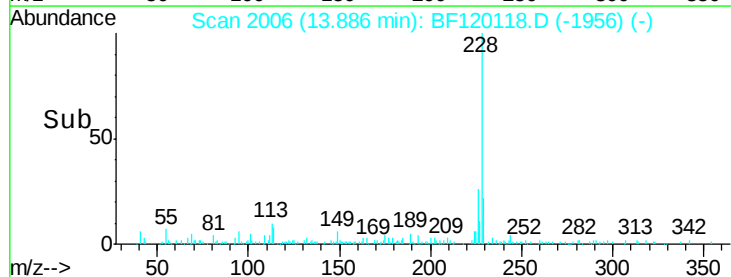
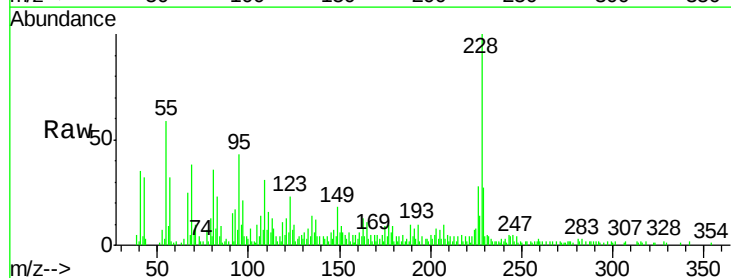
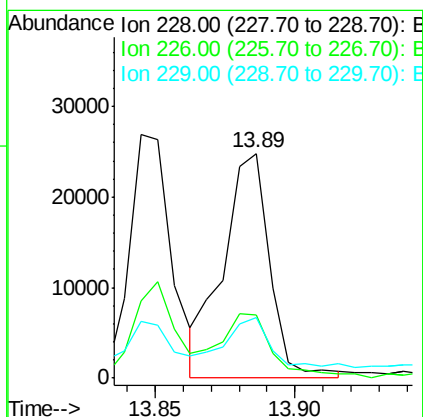
RT: 13.89 min Scan# 2006

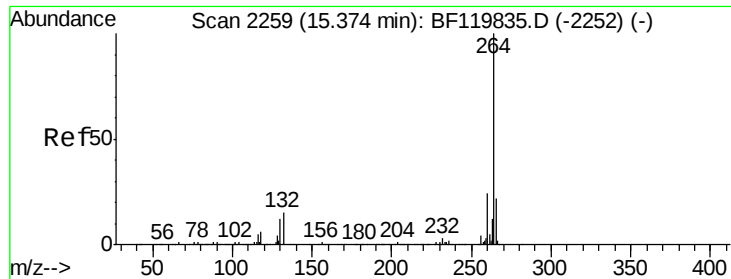
Delta R.T. -0.01 min

Lab File: BF120118.D

Acq: 21 Apr 2020 22:29

Tgt Ion:	228	Resp:	28866
Ion Ratio	Lower	Upper	
228	100		
226	28.2	24.2	36.2
229	26.8	15.9	23.9#





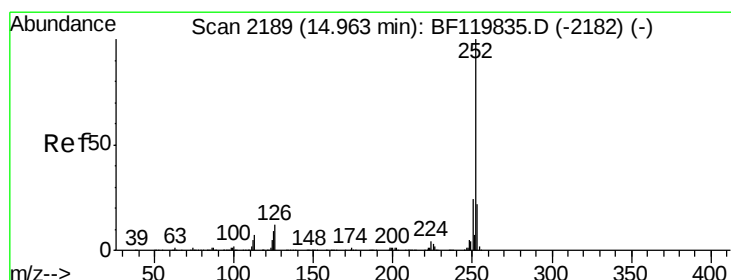
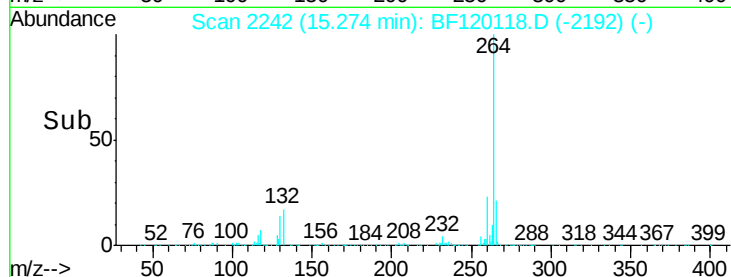
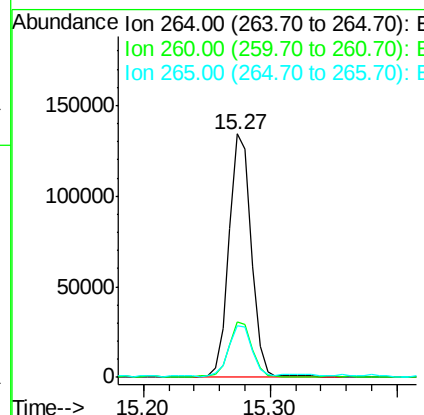
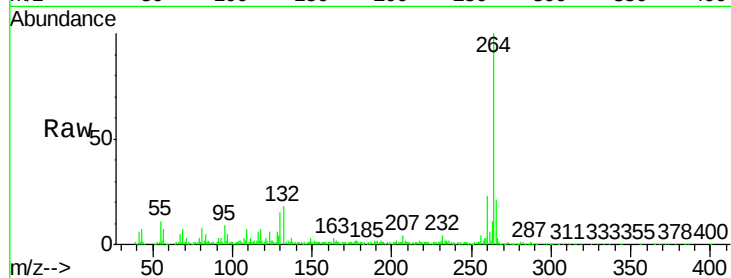
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120118.D
Acq: 21 Apr 2020 22:29

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tot Ion:	264	Resp:	163213
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.3	28.9
265	21.3	17.6	26.4

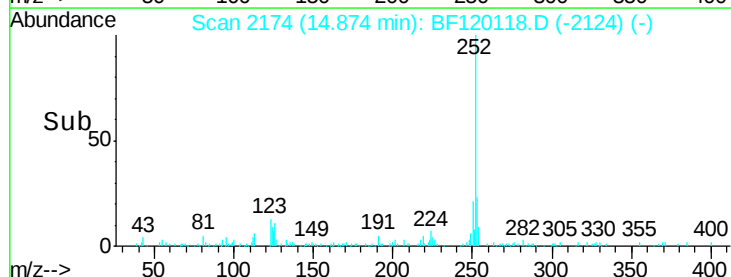
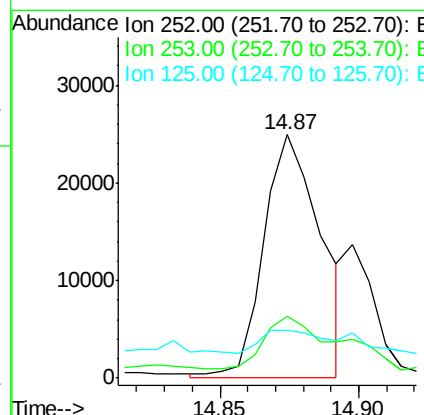
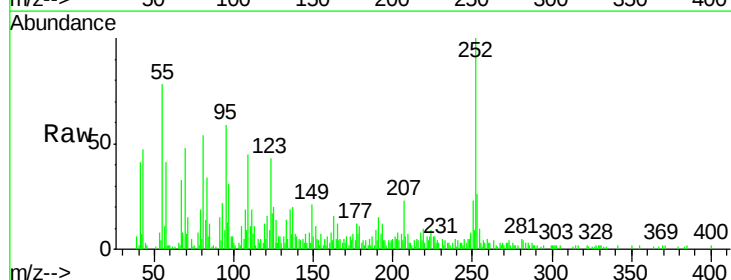
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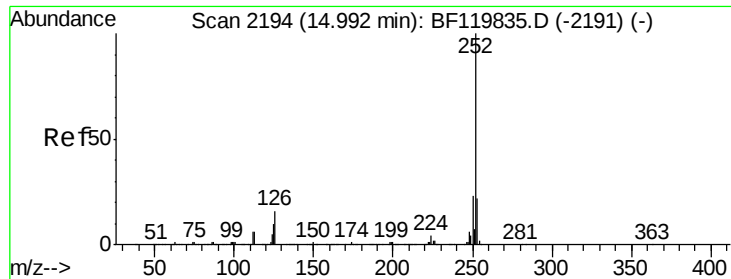
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#88
Benzo(b)fluoranthene
Concen: 3.041 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF120118.D
Acq: 21 Apr 2020 22:29

Tgt Ion:	252	Resp:	35699
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.7	26.5
125	19.8	7.4	11.2#





#89

Benzo(k)fluoranthene

Concen: 4.548 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.04 min

Lab File: BF120118.D

Acq: 21 Apr 2020 22:29

Instrument :

BNA_F

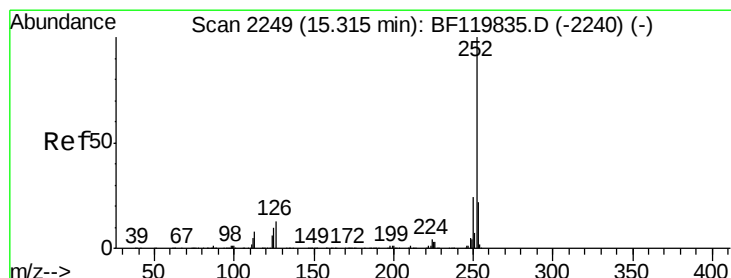
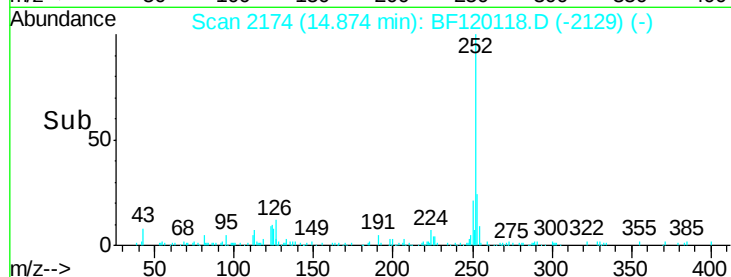
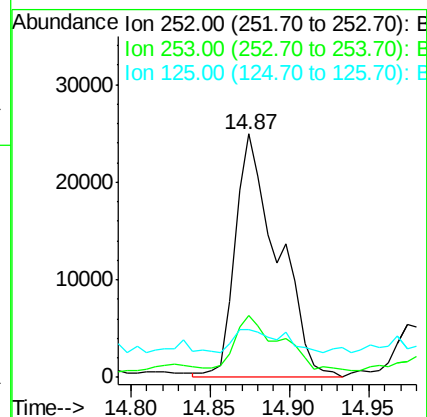
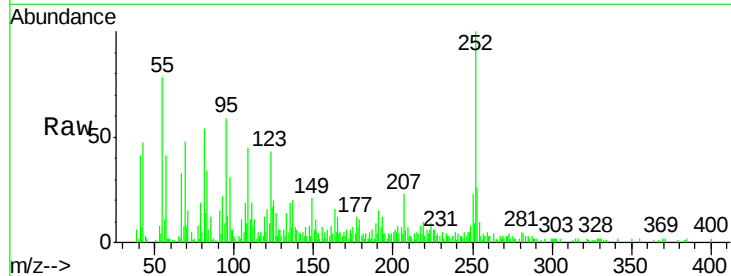
ClientSampleId :

TP-4-S

Tot Ion:	252	Resp:	46071
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.8	26.8
125	19.8	7.7	11.5#

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#90

Benzo(a)pyrene

Concen: 2.744 ng

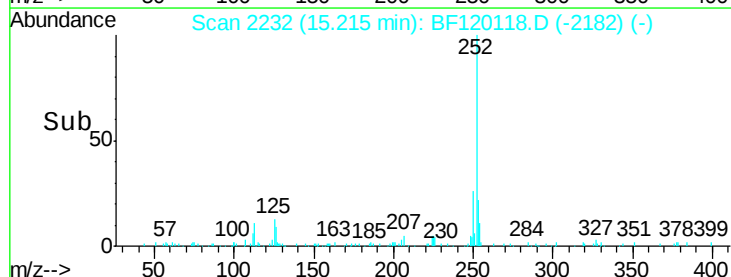
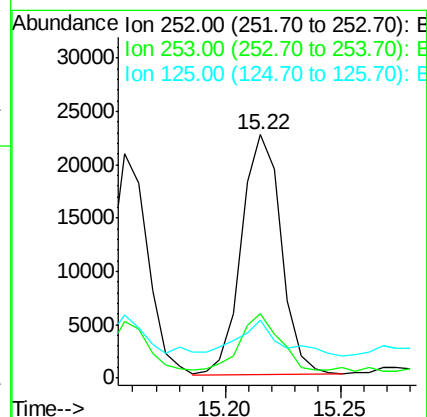
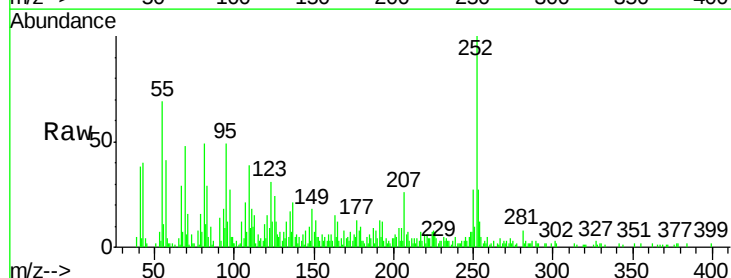
RT: 15.22 min Scan# 2232

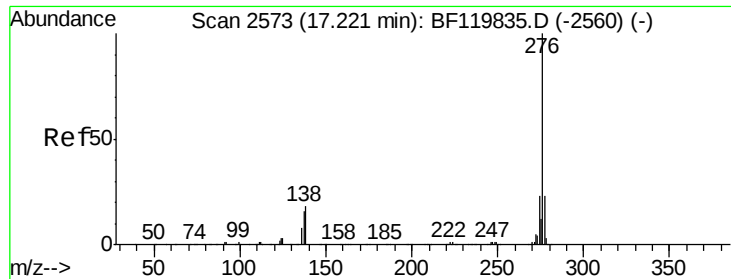
Delta R.T. -0.01 min

Lab File: BF120118.D

Acq: 21 Apr 2020 22:29

Tgt Ion:	252	Resp:	27088
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.4	26.2#
125	23.8	8.3	12.5#





#92
 Benzo(a,h,i)perylene
 Concen: 2.343 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BF120118.D
 Acq: 21 Apr 2020 22:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.5	27.7
138	23.2	14.6	22.0

Manual Integrations
 APPROVED

mohammad
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