

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
 Data File : BF120031.D
 Acq On : 16 Apr 2020 13:00
 Operator : MA/SJ
 Sample : L2229-37 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Manual Integrations
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mohammad
 4/17/2020 1:48:14 PM

Quant Time: Apr 16 13:54:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 10:48:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143623	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	534346	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	257476	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	405051	20.00	ng	0.00
76) Chrysene-d12	13.89	240	244832	20.00	ng	0.00
87) Perylene-d12	15.32	264	251794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	177682	21.38	ng	0.00
7) Phenol-d6	6.35	99	234579	21.91	ng	-0.01
23) Nitrobenzene-d5	7.28	82	139465	13.50	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	43694	13.86	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	293253	16.17	ng	0.00
79) Terphenyl-d14	12.84	244	219724	15.10	ng	-0.01
Target Compounds						
71) Phenanthrene	11.27	178	107184	4.972	ng	99
75) Fluoranthene	12.46	202	131737	5.664	ng	97
78) Pyrene	12.69	202	118476	5.740	ng	99
81) Benzo(a)anthracene	13.88	228	57451	3.567	ng	96
83) Chrysene	13.92	228	50978	3.115	ng	98
86) Indeno(1,2,3-cd)pyrene	16.69	276	29598m	2.052	ng	
88) Benzo(b)fluoranthene	14.91	252	63601m	3.511	ng	
90) Benzo(a)pyrene	15.26	252	50334	3.305	ng	98
92) Benzo(g,h,i)perylene	17.11	276	27381	2.056	ng	95

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

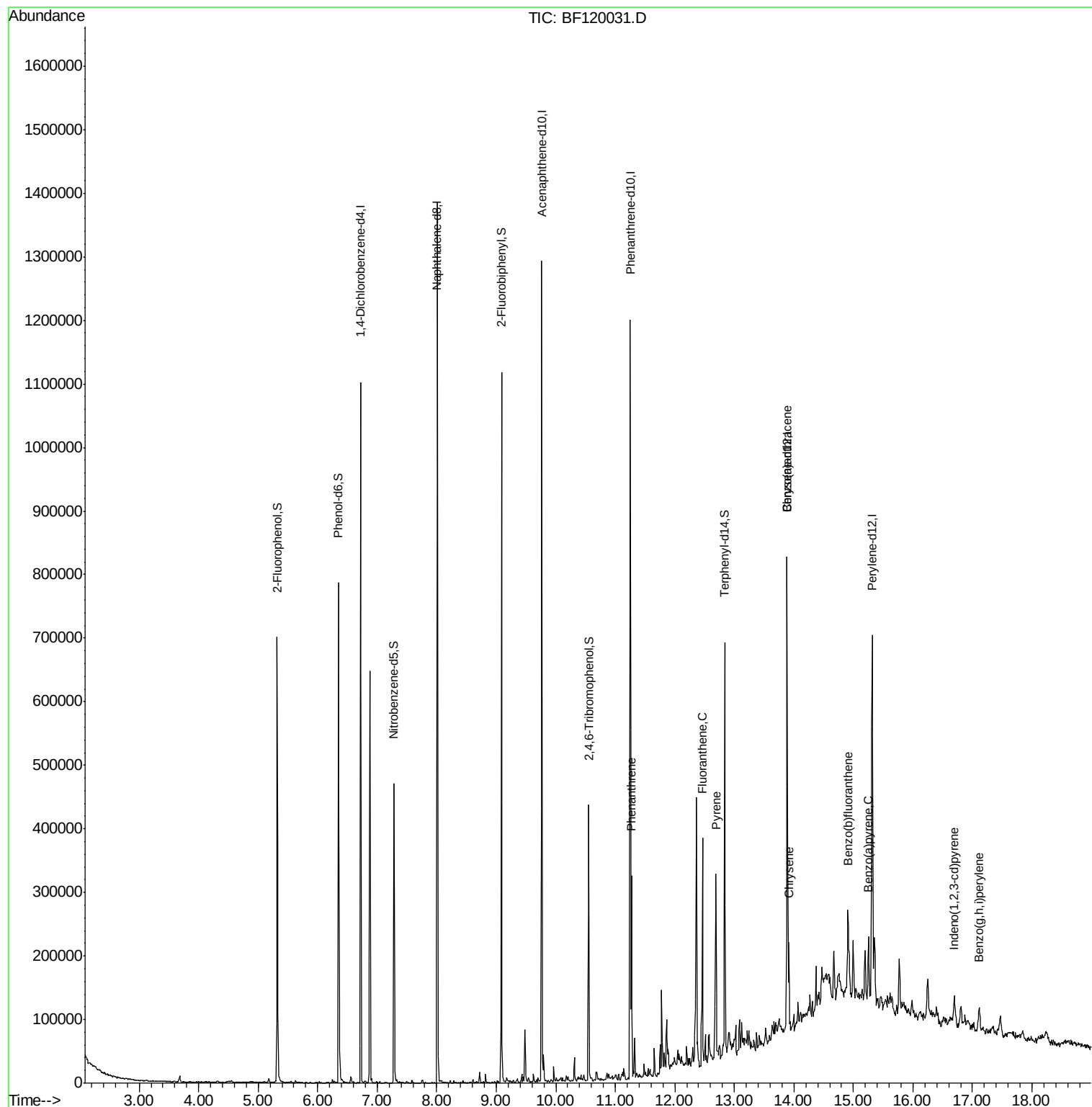
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120031.D
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Operator : MA/SJ
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Misc :
ALS Vial : 39 Sample Multiplier: 1

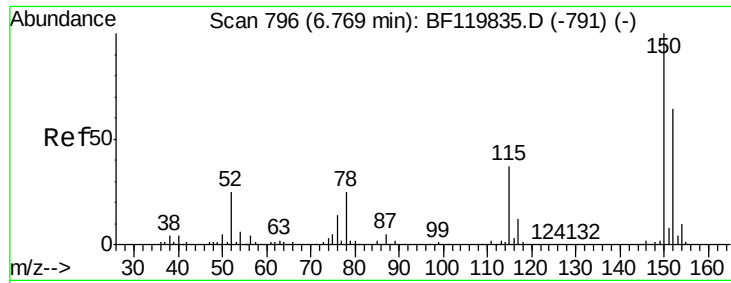
Instrument :
BNA_F
ClientSampleId :
TP-10

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Quant Time: Apr 16 13:54:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 16 10:48:04 2020
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#1

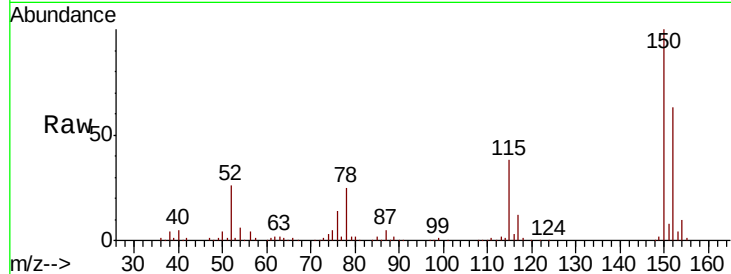
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF120031.D
Acq: 16 Apr 2020 13:00

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.8	187.2
115	60.4	46.5	69.7

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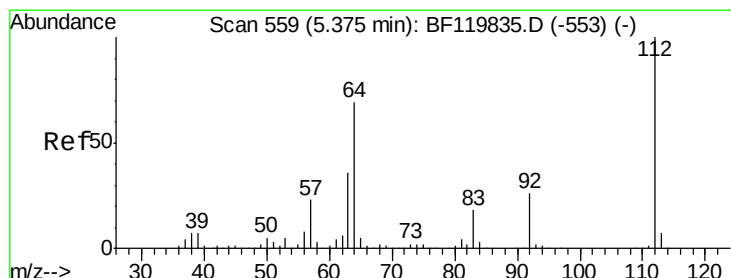
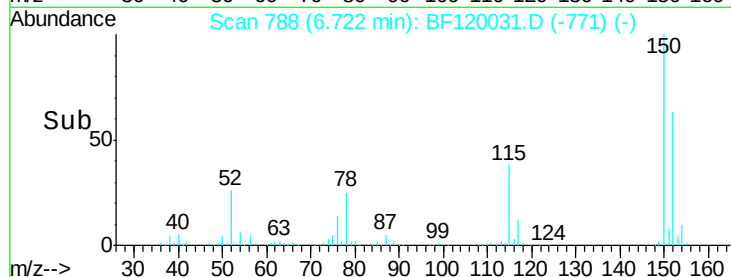
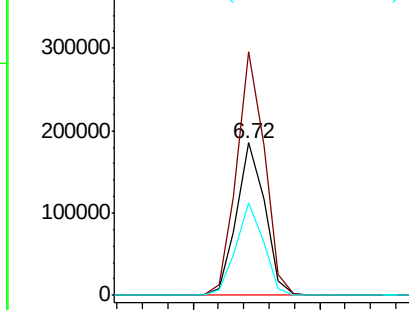


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

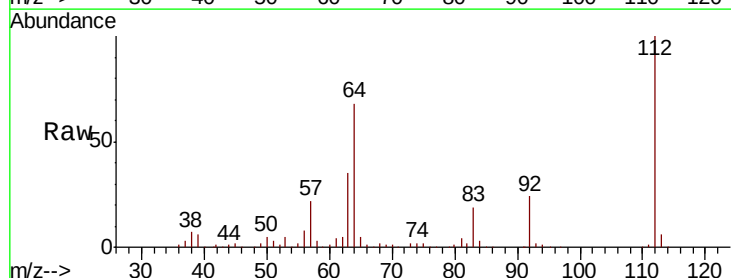
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 21.380 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF120031.D
Acq: 16 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	55.5	83.3
63	35.1	29.1	43.7

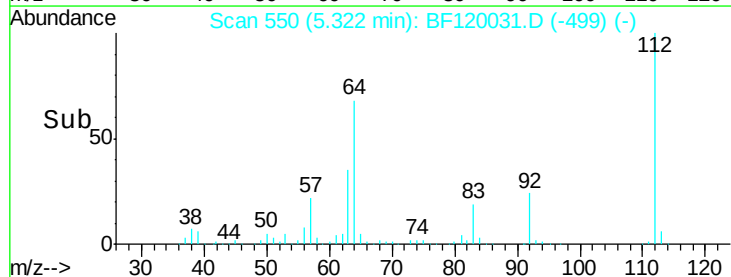
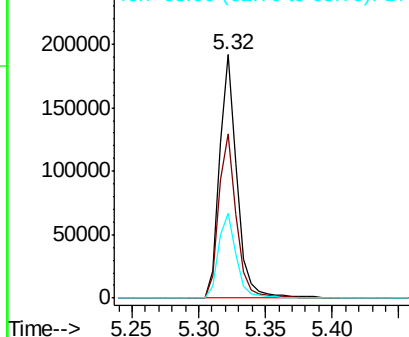


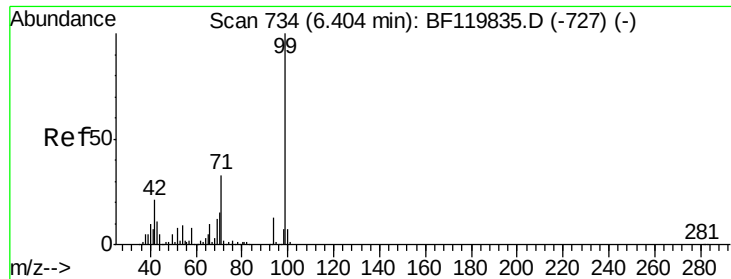
Abundance

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: 21.906 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF120031.D

Acq: 16 Apr 2020 13:00

Instrument :

BNA_F

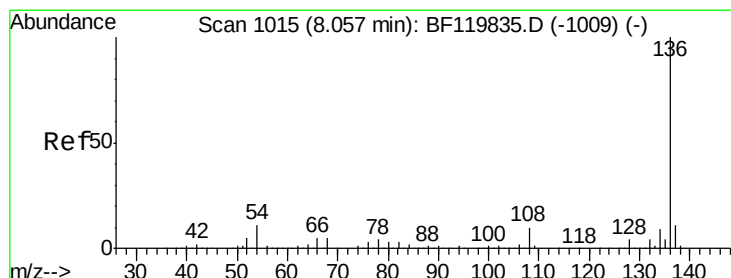
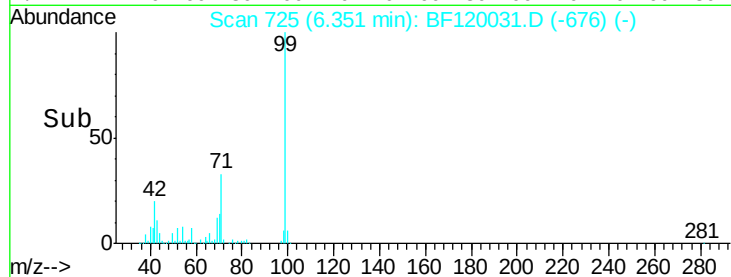
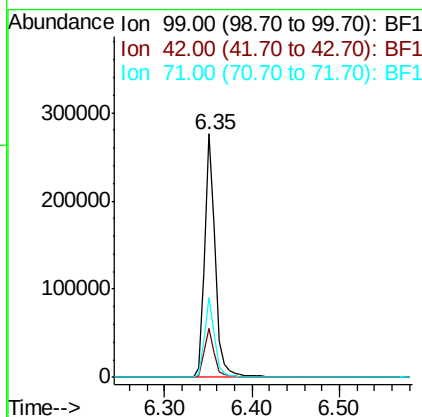
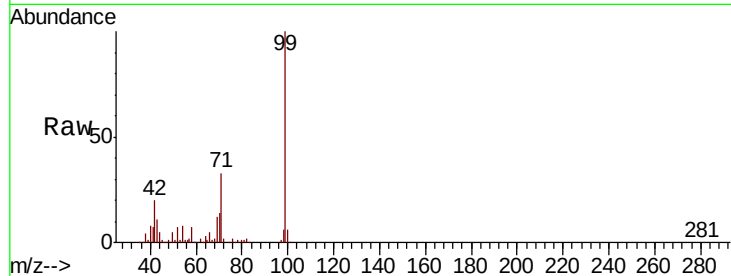
ClientSampleId :

TP-10

Tot Ion:	99	Resp:	234579
Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.9	25.3
71	33.0	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

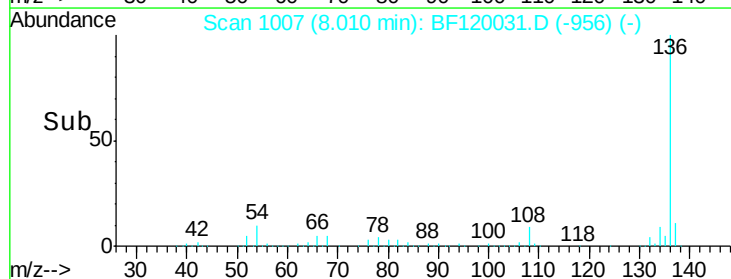
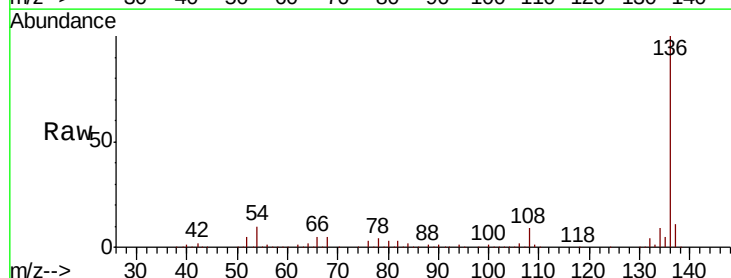
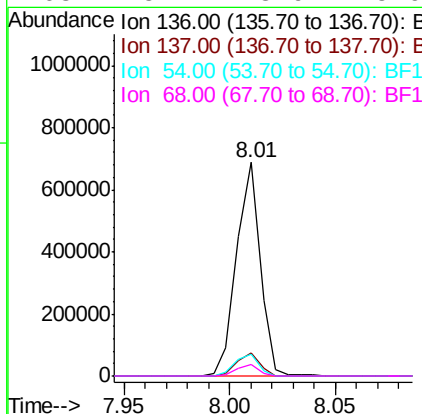
RT: 8.01 min Scan# 1007

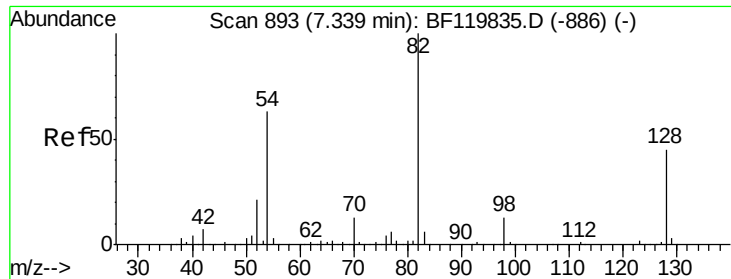
Delta R.T. -0.00 min

Lab File: BF120031.D

Acq: 16 Apr 2020 13:00

Tgt Ion:	136	Resp:	534346
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.1	8.5	12.7
68	5.2	3.9	5.9





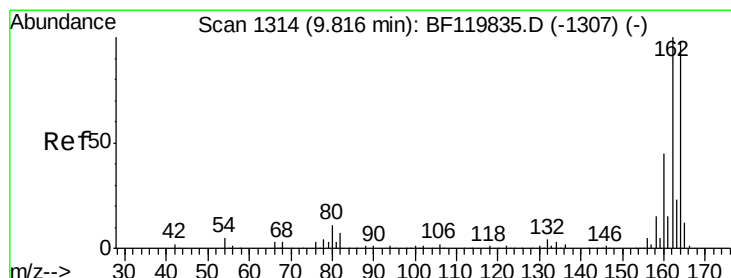
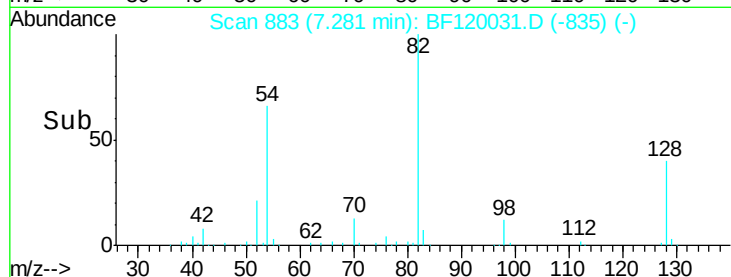
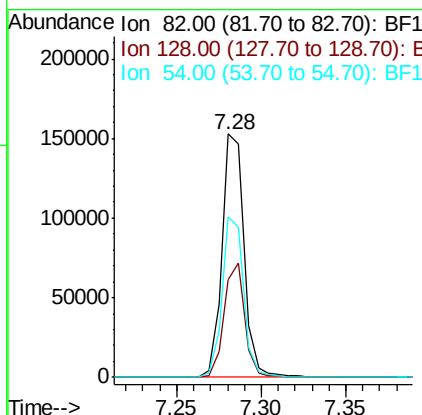
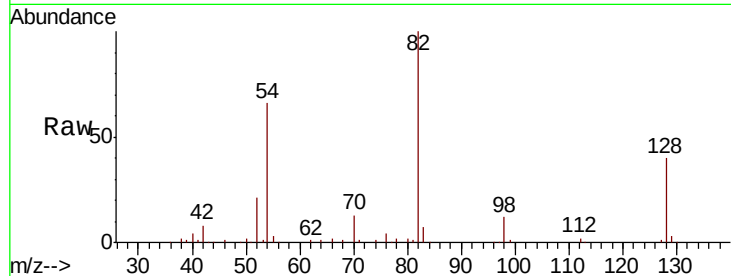
#23
Nitrobenzene-d5
Concen: 13.503 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF120031.D
Acq: 16 Apr 2020 13:00

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	36.2	54.4
54	65.7	50.4	75.6

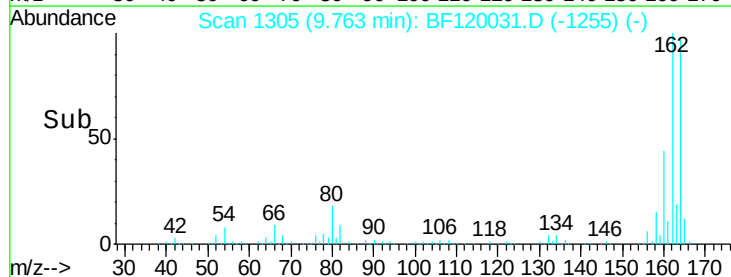
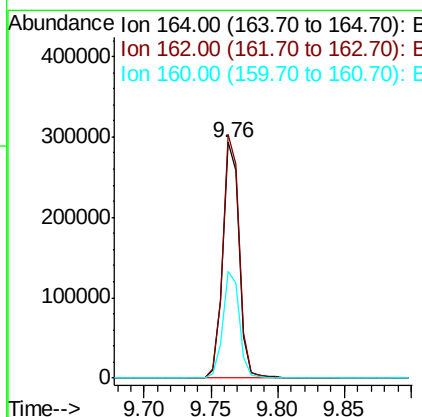
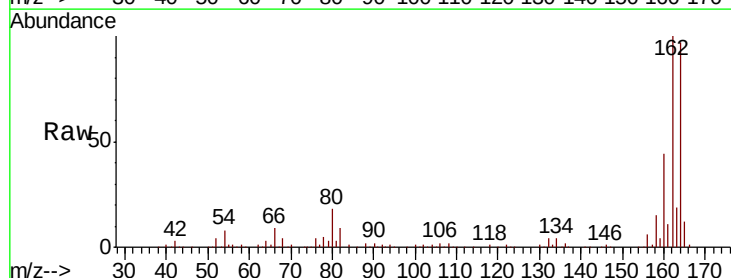
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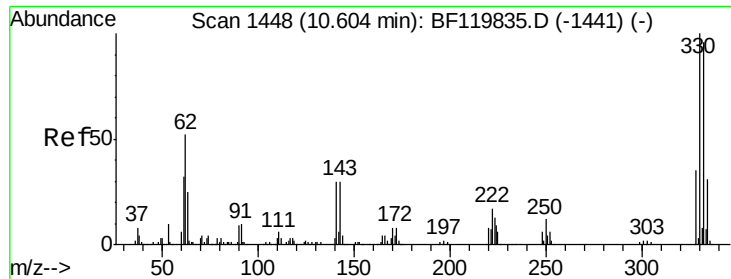
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120031.D
Acq: 16 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.9	122.9
160	45.1	36.6	54.8





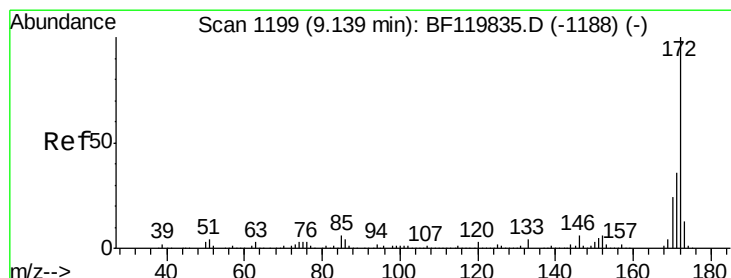
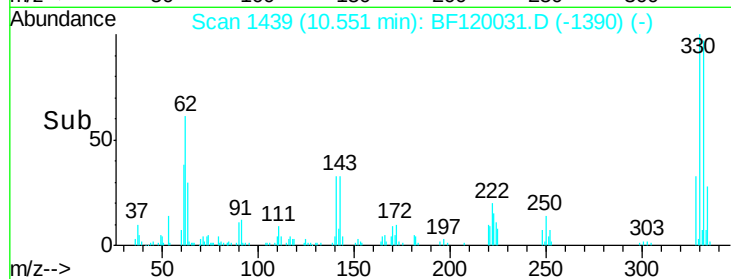
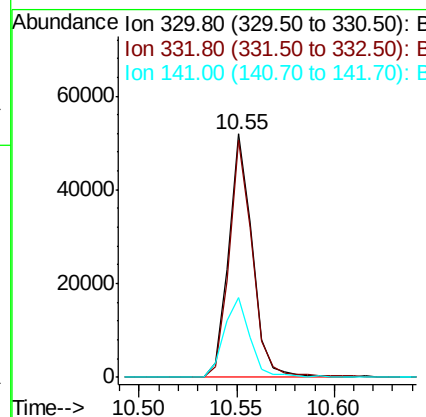
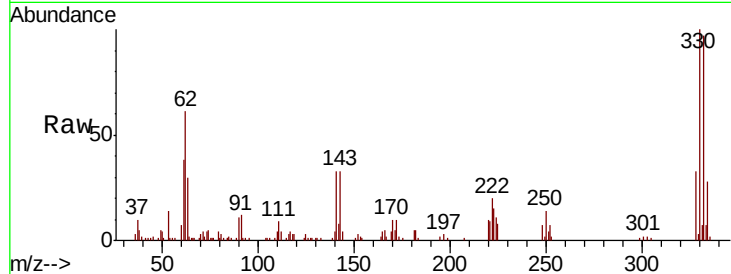
#42
 2,4,6-Tribromophenol
 Concen: 13.861 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120031.D
 Acq: 16 Apr 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	35.9	25.1	37.7

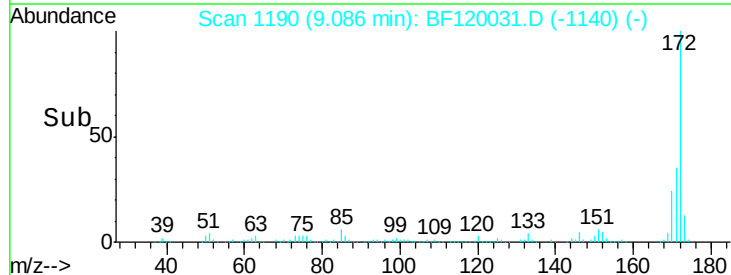
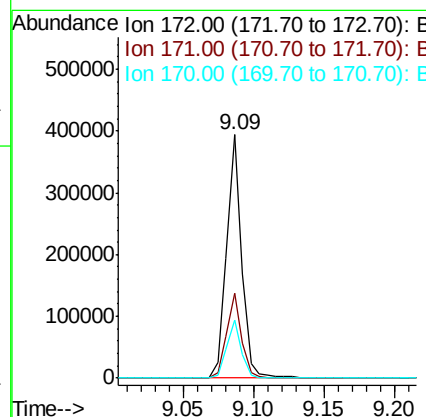
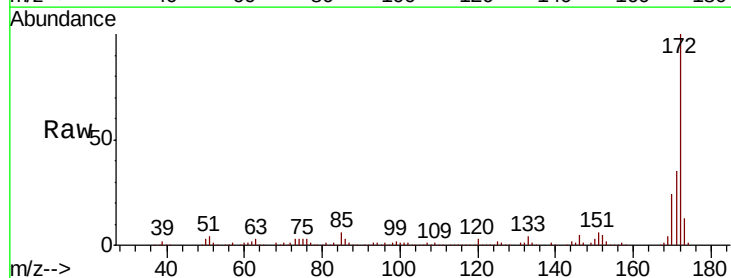
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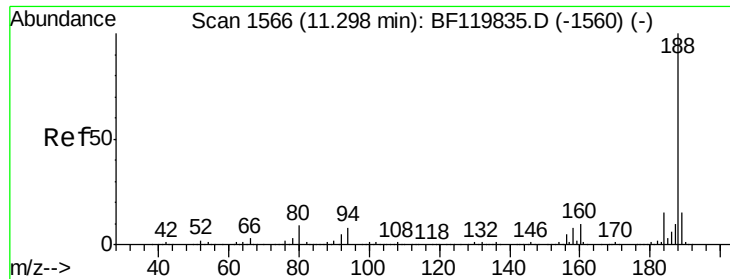
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#45
 2-Fluorobiphenyl
 Concen: 16.171 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF120031.D
 Acq: 16 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.9	43.3
170	23.9	19.4	29.2





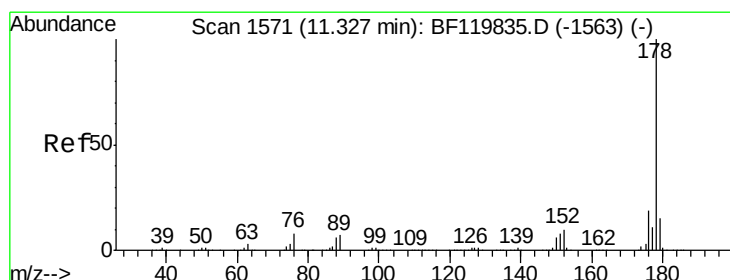
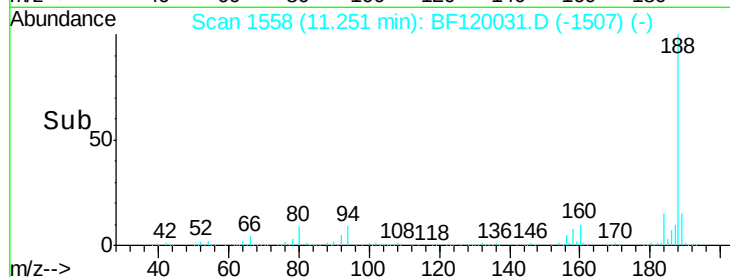
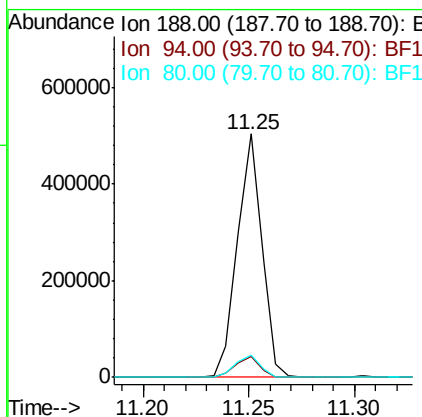
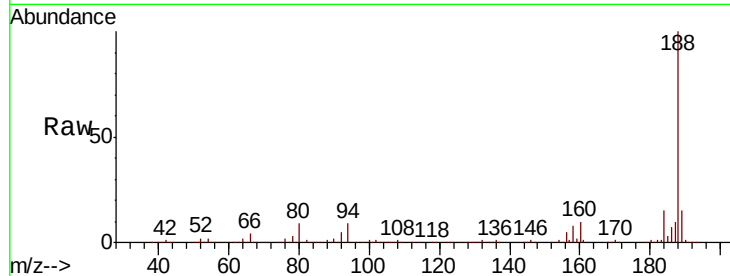
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF120031.D
 Acq: 16 Apr 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion	Ratio	Resp	Lower	Upper
188	100	405051		
94	8.5	6.7	10.1	
80	9.0	7.4	11.2	

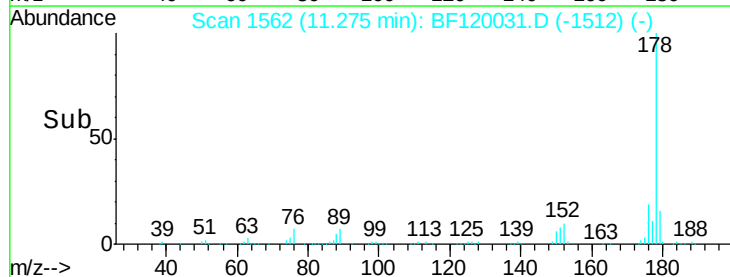
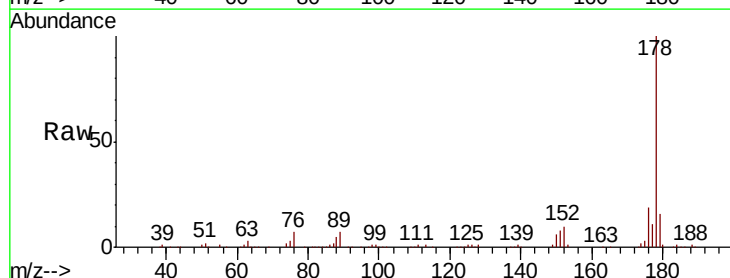
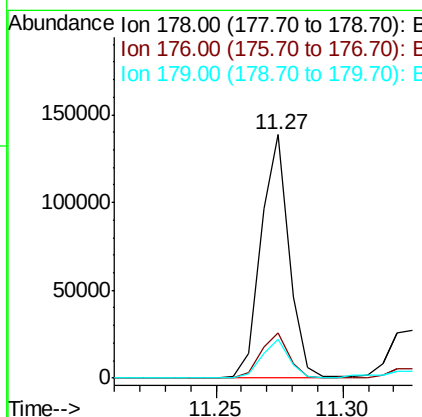
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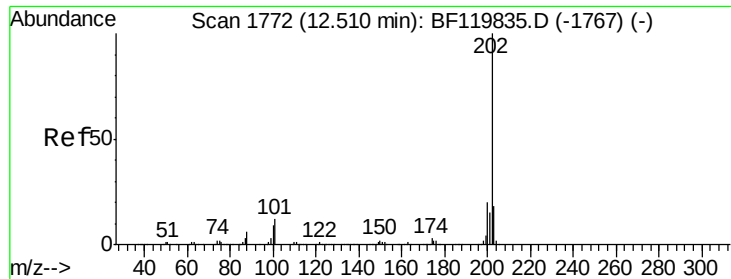
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#71
 Phenanthrene
 Concen: 4.972 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF120031.D
 Acq: 16 Apr 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	107184		
176	18.5	15.1	22.7	
179	15.7	12.2	18.4	





#75

Fluoranthene

Concen: 5.664 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF120031.D

Acq: 16 Apr 2020 13:00

Instrument :

BNA_F

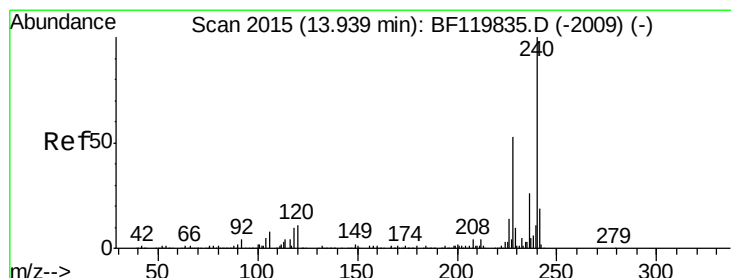
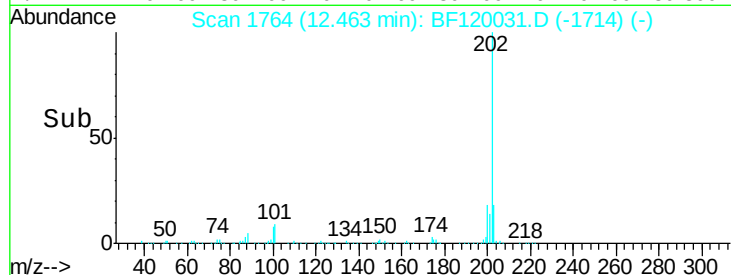
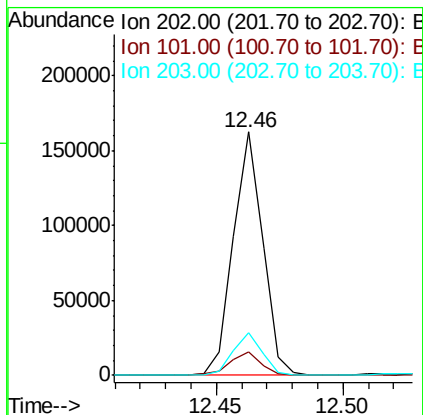
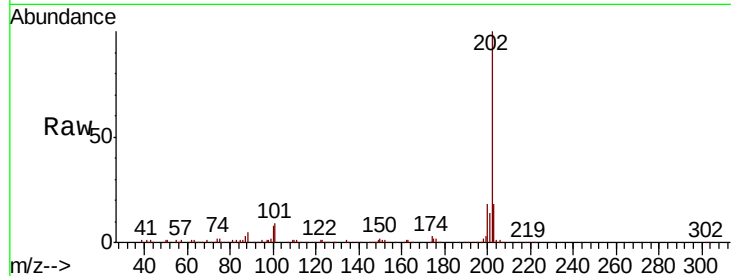
ClientSampleId :

TP-10

Tot Ion:	202	Resp:	131737
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	32.3
203	17.6	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

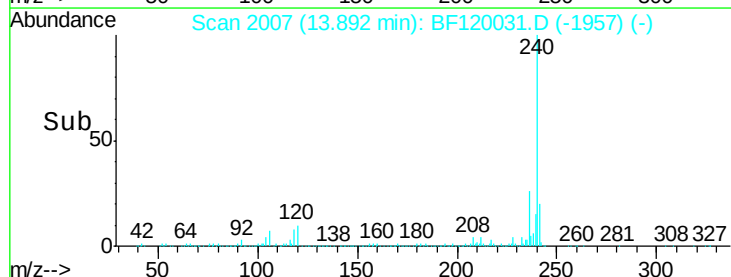
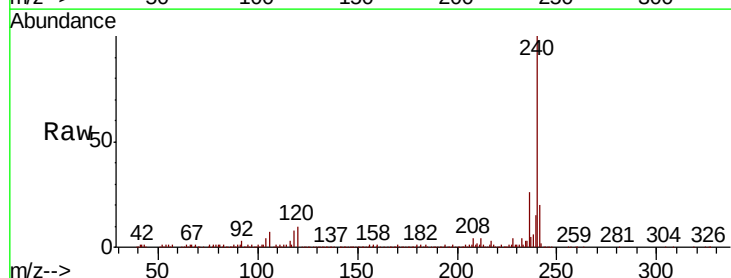
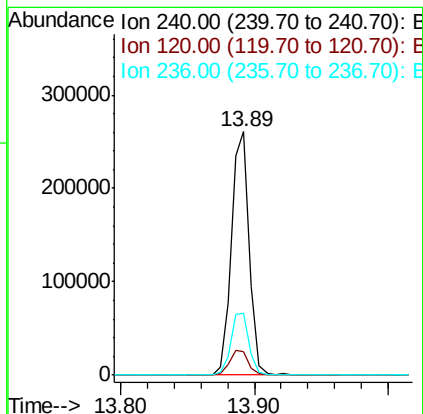
RT: 13.89 min Scan# 2007

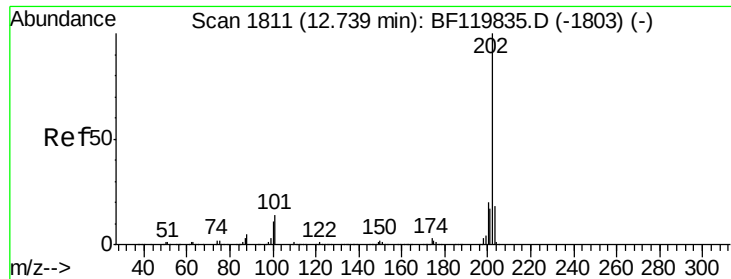
Delta R.T. -0.01 min

Lab File: BF120031.D

Acq: 16 Apr 2020 13:00

Tgt Ion:	240	Resp:	244832
Ion Ratio	Lower	Upper	
240	100		
120	9.7	9.0	13.6
236	25.6	20.7	31.1





#78

Pvrene

Concen: 5.740 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF120031.D

Acq: 16 Apr 2020 13:00

Instrument :

BNA_F

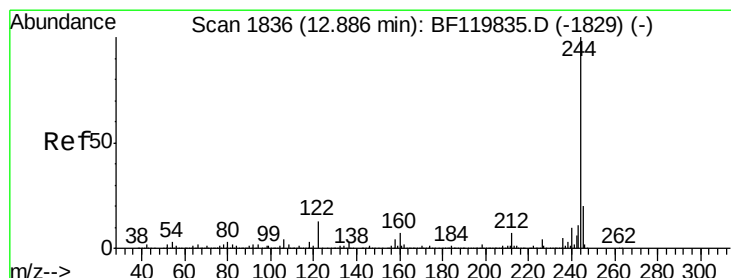
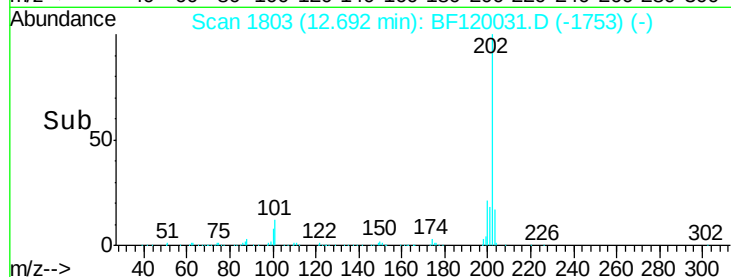
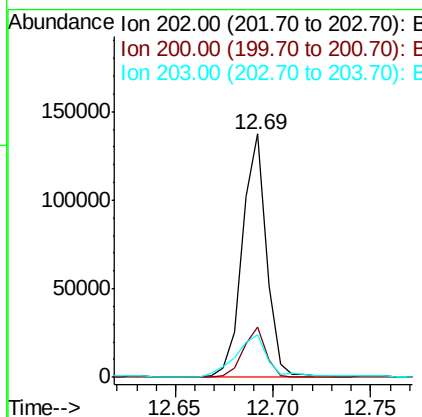
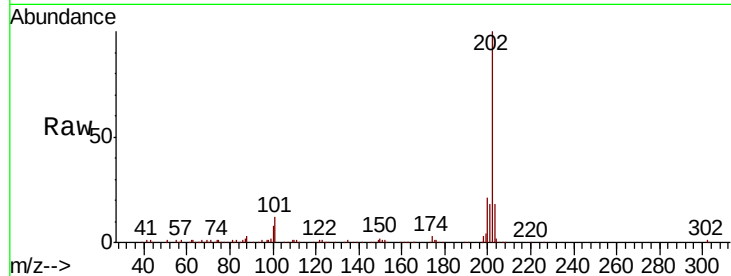
ClientSampled :

TP-10

Tot Ion:	202	Resp:	118476
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.2	24.2
203	17.7	14.1	21.1

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#79

Terphenyl-d14

Concen: 15.101 ng

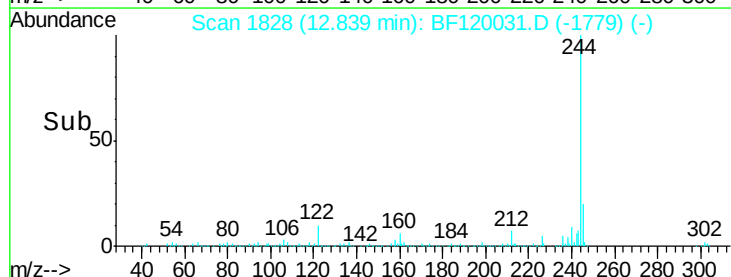
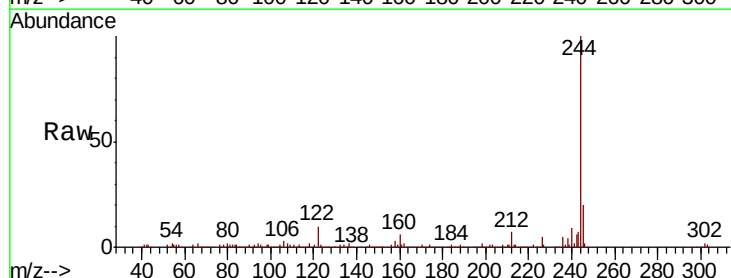
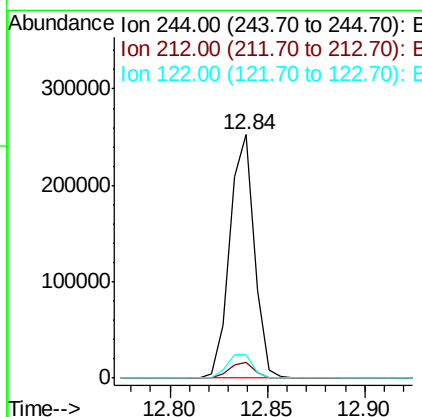
RT: 12.84 min Scan# 1828

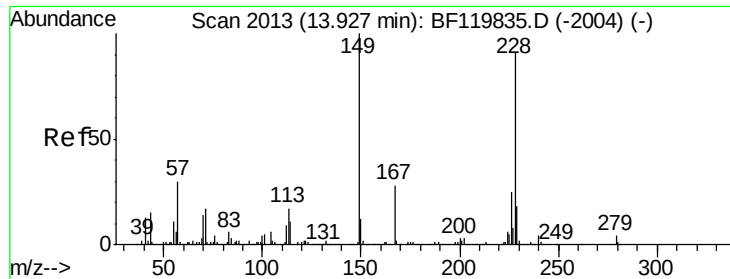
Delta R.T. -0.01 min

Lab File: BF120031.D

Acq: 16 Apr 2020 13:00

Tgt Ion:	244	Resp:	219724
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	9.6	10.3	15.5#





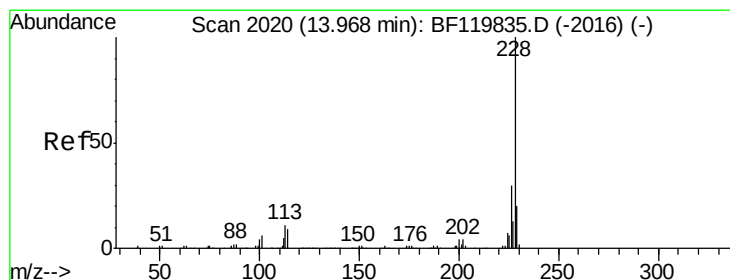
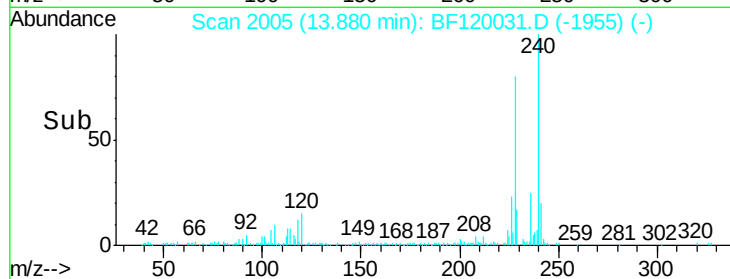
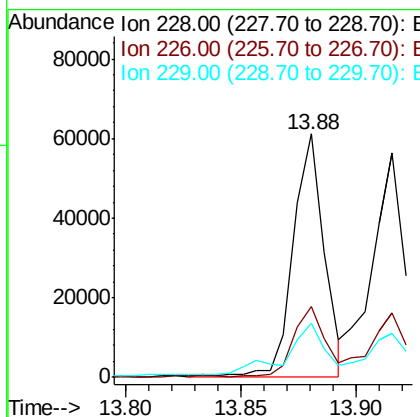
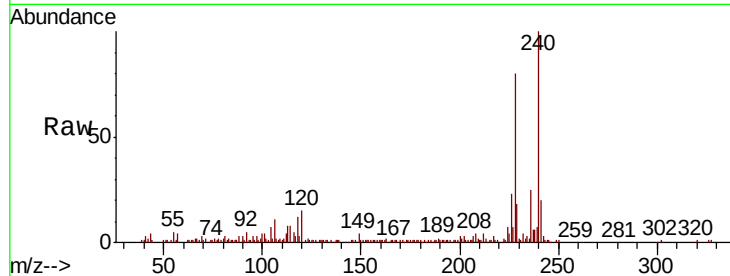
#81
Benzo(a)anthracene
Concen: 3.567 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF120031.D
Acq: 16 Apr 2020 13:00

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.9	32.9
229	22.4	15.9	23.9

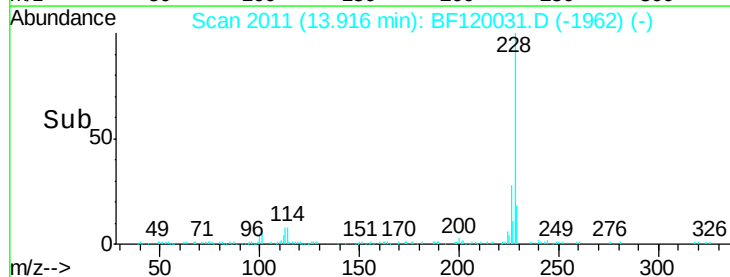
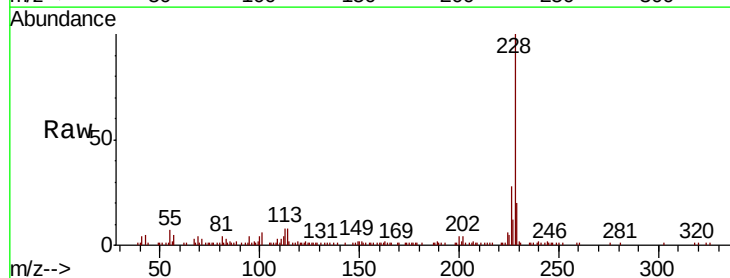
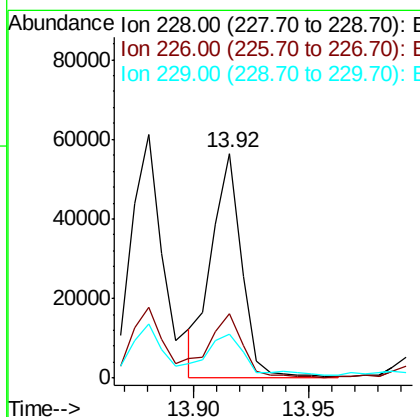
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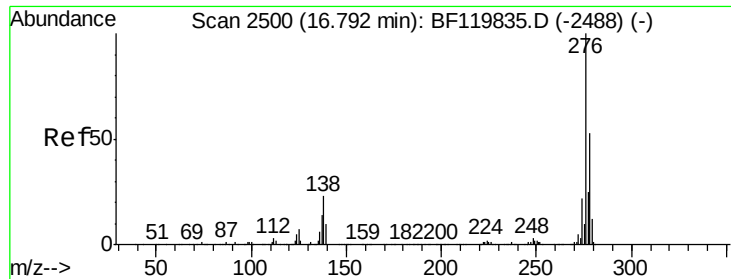
mohammad
4/17/2020 1:48:14 PM



#83
Chrysene
Concen: 3.115 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF120031.D
Acq: 16 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.2	36.2
229	19.5	15.9	23.9





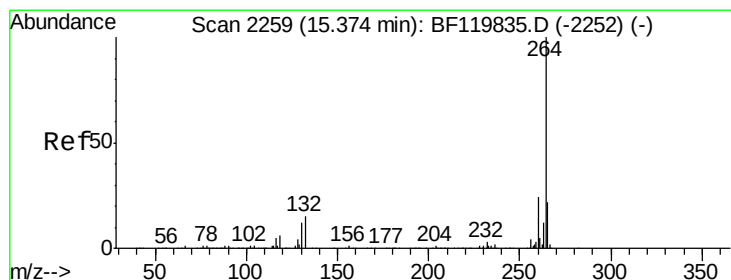
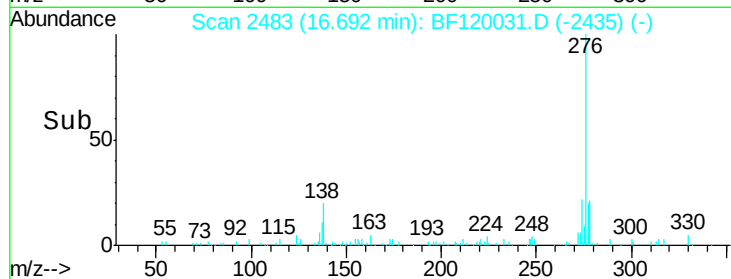
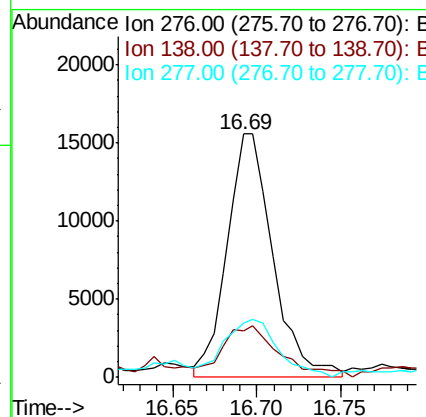
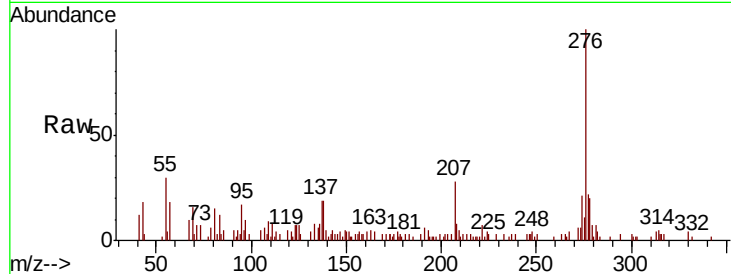
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.052 ng
RT: 16.69 min Scan# 2483
Delta R.T. -0.02 min
Lab File: BF120031.D
Acq: 16 Apr 2020 13:00

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.1	18.0	27.0#
277	2.9	20.1	30.1#

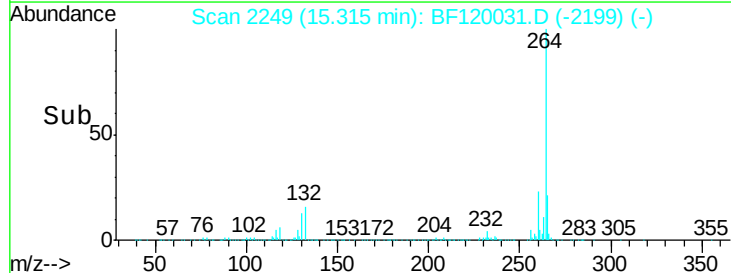
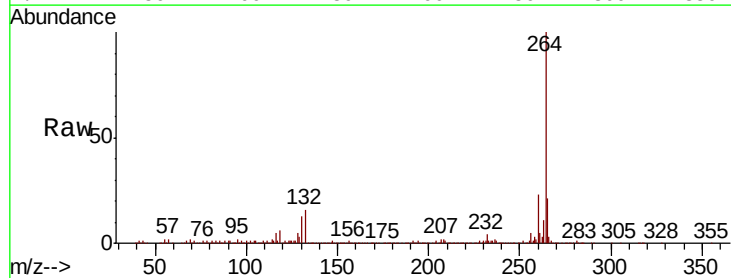
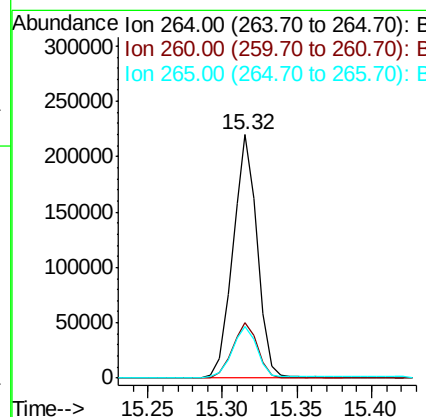
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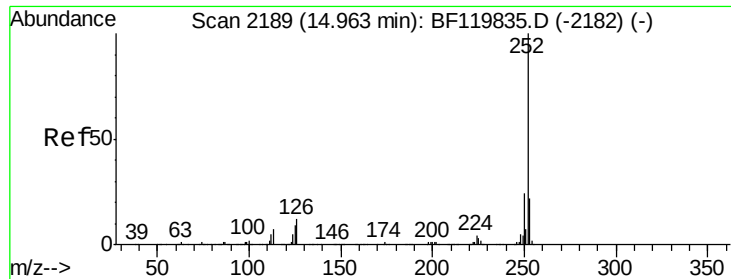
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF120031.D
Acq: 16 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.3	28.9
265	21.2	17.6	26.4





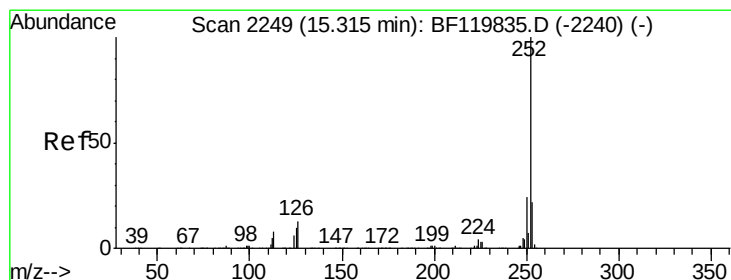
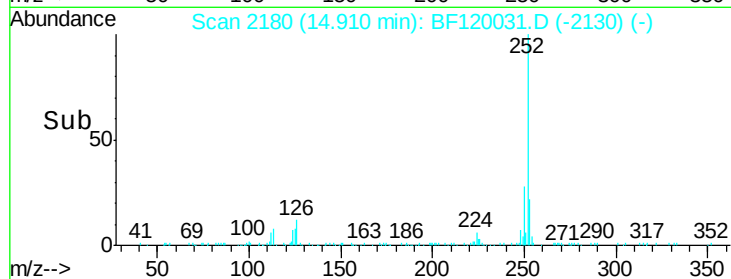
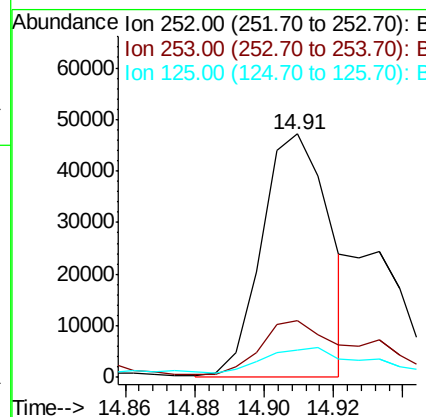
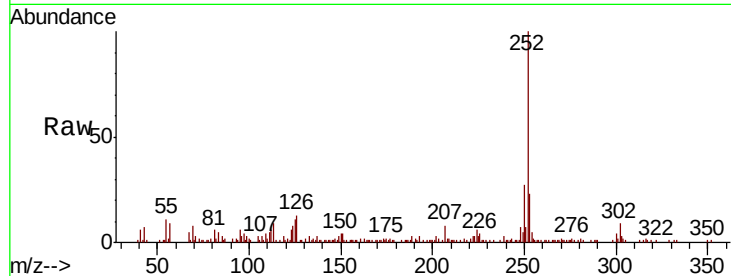
#88
Benzo(b)fluoranthene
Concen: 3.511 ng m
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF120031.D
Acq: 16 Apr 2020 13:00

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	11.2	7.4	11.2#

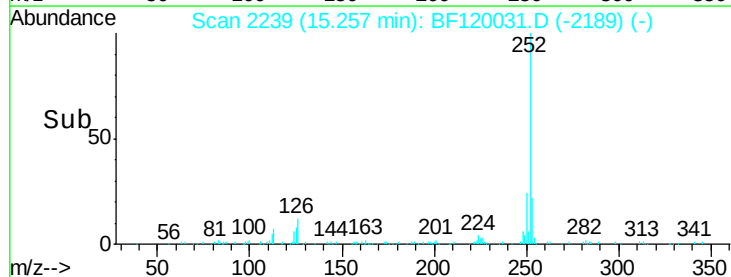
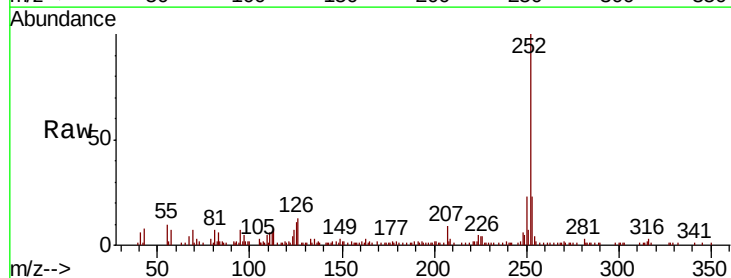
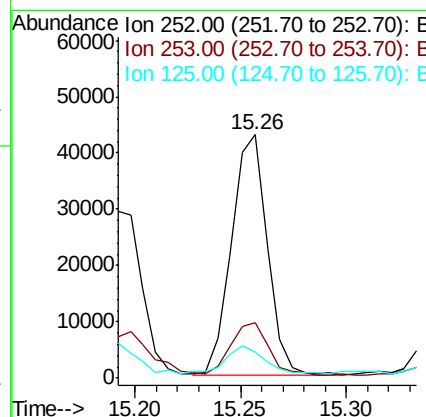
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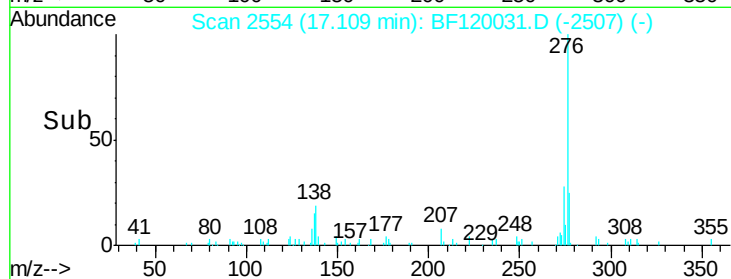
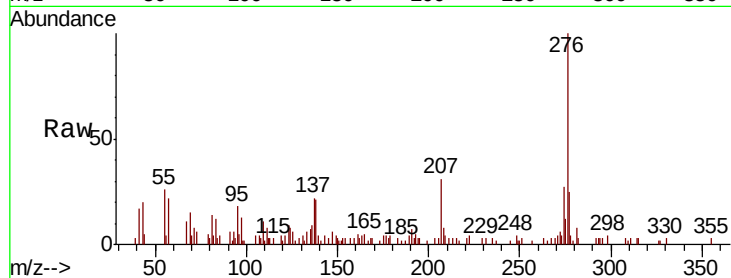
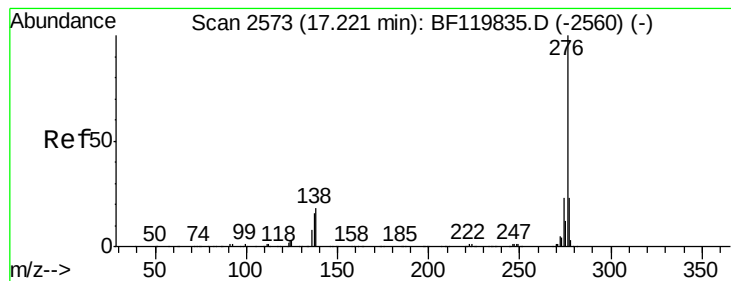
mohammad
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#90
Benzo(a)pyrene
Concen: 3.305 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120031.D
Acq: 16 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	10.9	8.3	12.5





#92

Benzo(a,h,i)perylene

Concen: 2.056 ng

RT: 17.11 min Scan# 2554

Delta R.T. -0.02 min

Lab File: BF120031.D

Acq: 16 Apr 2020 13:00

Instrument :

BNA_F

ClientSampleId :

TP-10

Tot Ion:	276	Resp:	27381
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.5	27.7
138	21.2	14.6	22.0

Manual Integrations
APPROVED

mohammad
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