

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120561.D
 Acq On : 5 Jun 2020 15:58
 Operator : JU/CG
 Sample : L2890-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11979-72-11969

Manual Integrations
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Quant Time: Jun 05 17:34:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	128281	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	487118	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	228627	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	347464	20.00	ng	0.00
76) Chrysene-d12	13.98	240	275250	20.00	ng	0.00
86) Perylene-d12	15.43	264	271907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	973063	144.56	ng	0.00
7) Phenol-d6	6.46	99	742996	89.55	ng	0.00
23) Nitrobenzene-d5	7.38	82	509684	68.44	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	193718	91.45	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	984362	73.05	ng	0.00
79) Terphenyl-d14	12.93	244	835771	67.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	187761	13.136	ng	99
71) Phenanthrene	11.36	178	58400	3.814	ng	# 89
75) Fluoranthene	12.55	202	104211	6.326	ng	97
78) Pyrene	12.78	202	94721	4.948	ng	97
81) Benzo(a)anthracene	13.97	228	48989	3.321	ng	98
83) Chrysene	14.00	228	53643m	3.469	ng	
87) Indeno(1,2,3-cd)pyrene	16.86	276	34108	2.293	ng	97
88) Benzo(b)fluoranthene	15.00	252	65920m	4.365	ng	
90) Benzo(a)pyrene	15.36	252	41752	3.161	ng	# 78
92) Benzo(g,h,i)perylene	17.29	276	34454	2.881	ng	# 88

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

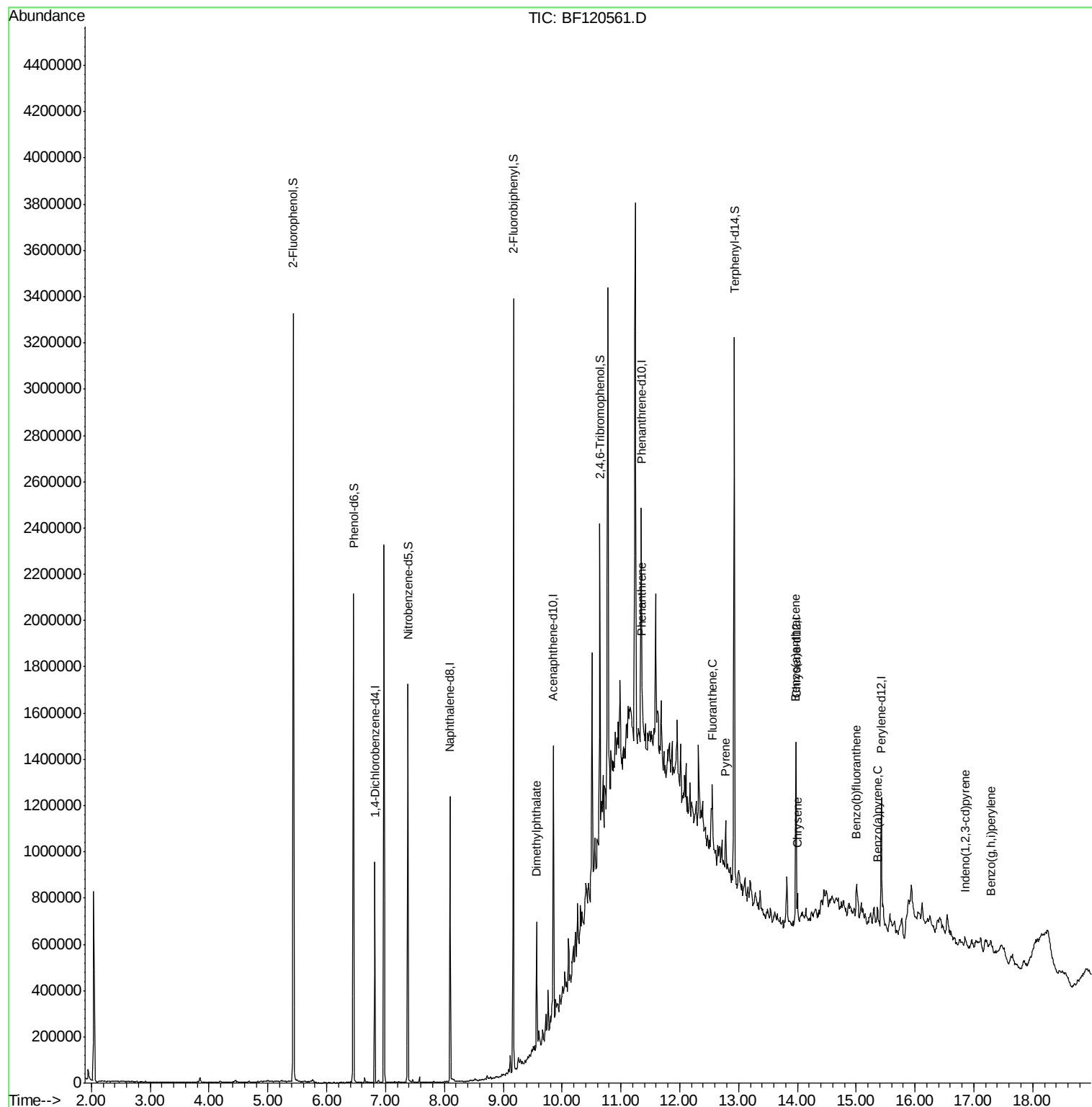
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120561.D
Acq On : 5 Jun 2020 15:58
Operator : JU/CG
Sample : L2890-03
Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
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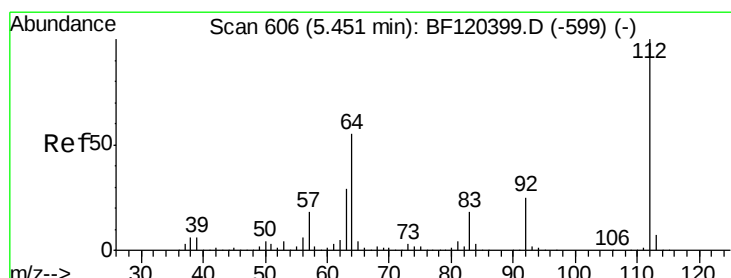
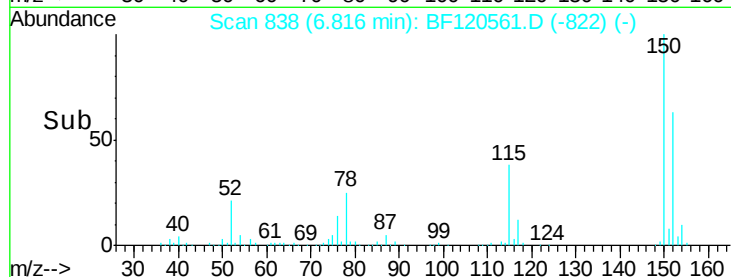
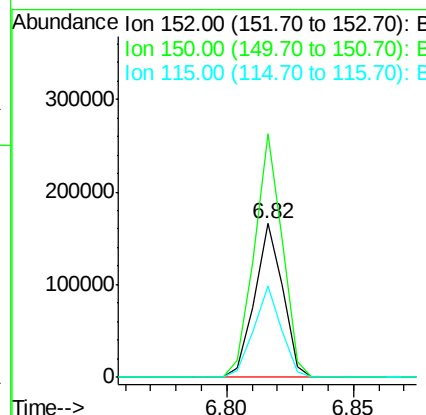
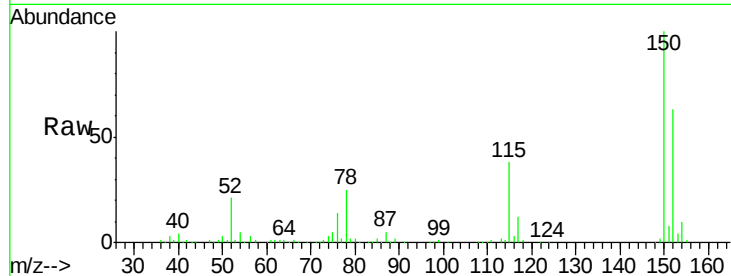
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF120561.D
 Acq: 5 Jun 2020 15:58

Instrument :
 BNA_F
 ClientSampleId :
 72-11979-72-11969

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.2	186.4
115	59.6	43.8	65.6

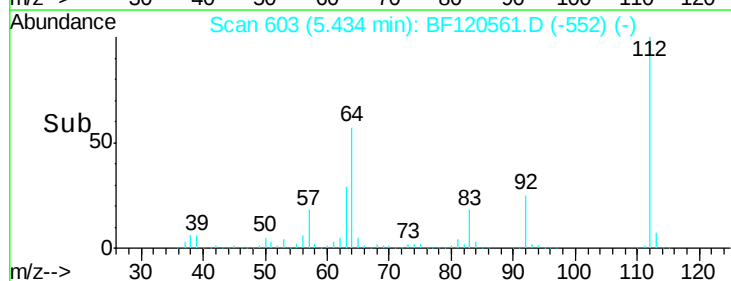
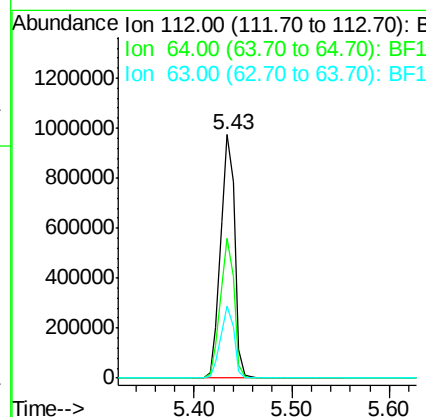
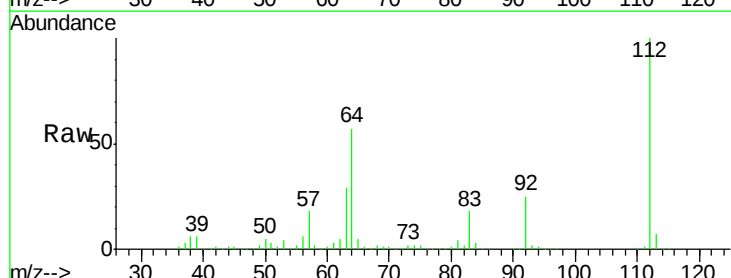
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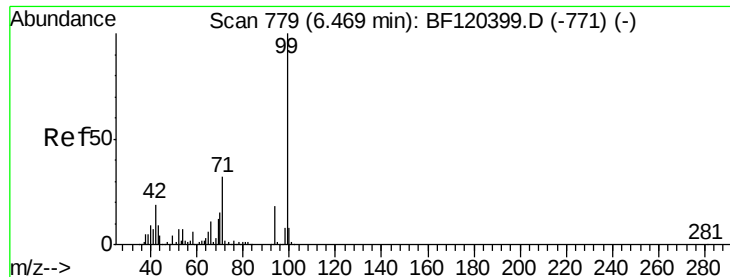
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#5
 2-Fluorophenol
 Concen: 144.559 ng
 RT: 5.43 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF120561.D
 Acq: 5 Jun 2020 15:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.5	69.7
63	29.5	23.6	35.4





#7

Phenol-d6

Concen: 89.552 ng

RT: 6.46 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF120561.D

Acq: 5 Jun 2020 15:58

Instrument :

BNA_F

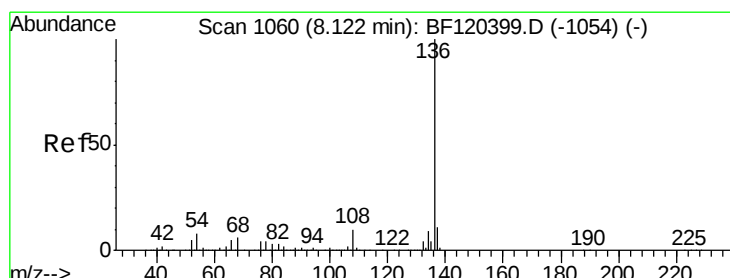
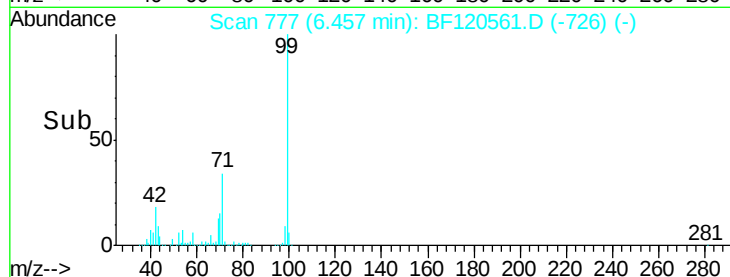
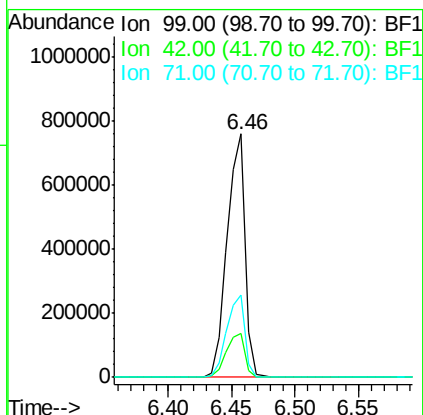
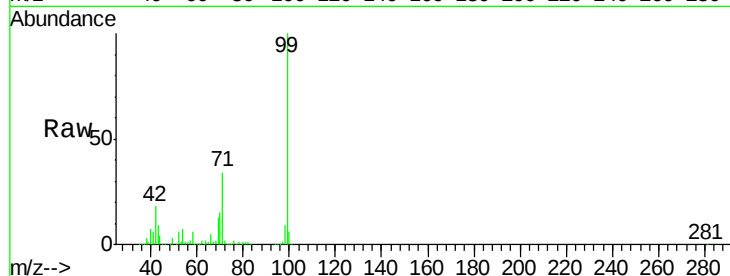
ClientSampleId :

72-11979-72-11969

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		742996		
42	18.1	14.8	22.2		
71	34.0	25.8	38.6		

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#21

Naphthalene-d8

Concen: 20.000 ng

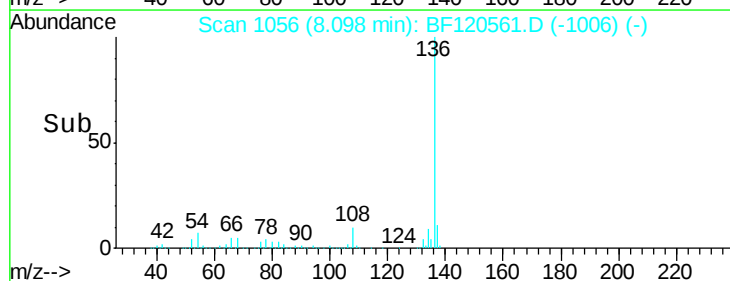
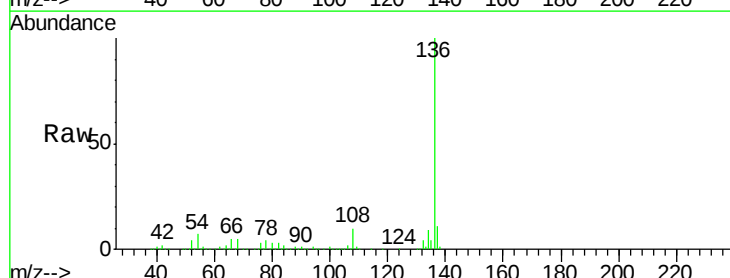
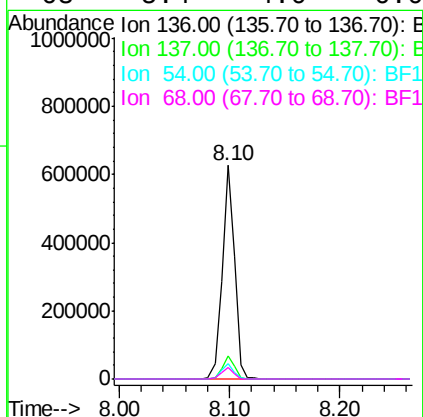
RT: 8.10 min Scan# 1056

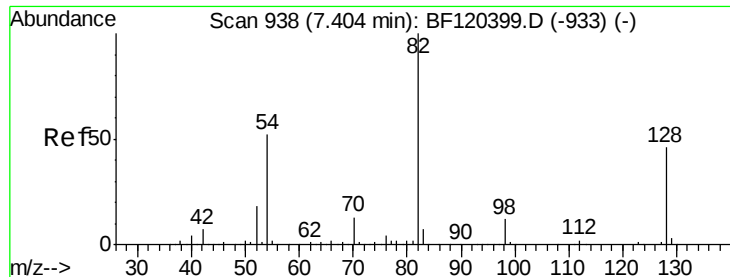
Delta R.T. -0.01 min

Lab File: BF120561.D

Acq: 5 Jun 2020 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		487118		
137	11.0	8.7	13.1		
54	7.2	5.1	7.7		
68	5.4	4.0	6.0		





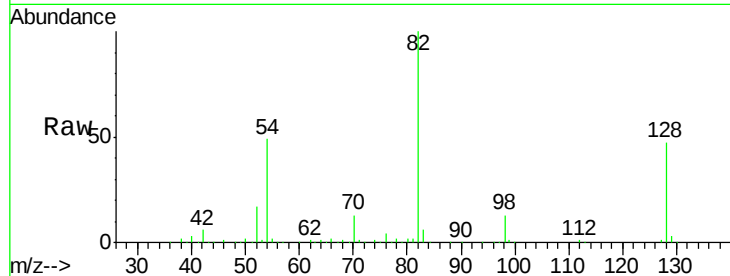
#23
Nitrobenzene-d5
Concen: 68.443 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF120561.D
Acq: 5 Jun 2020 15:58

Instrument :
BNA_F
ClientSampleId :
72-11979-72-11969

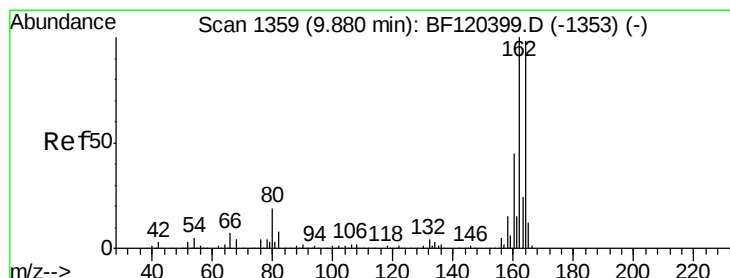
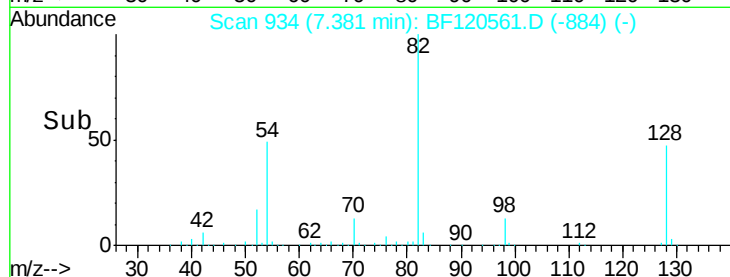
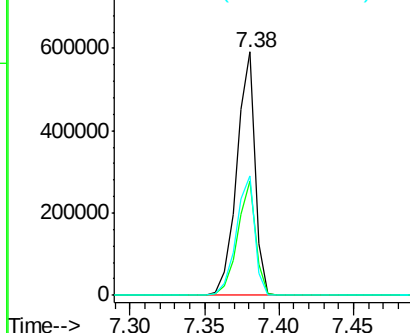
Tot Ion	Ratio	Resp	Lower	Upper
82	100	509684		
128	47.0		38.6	57.8
54	49.1		39.5	59.3

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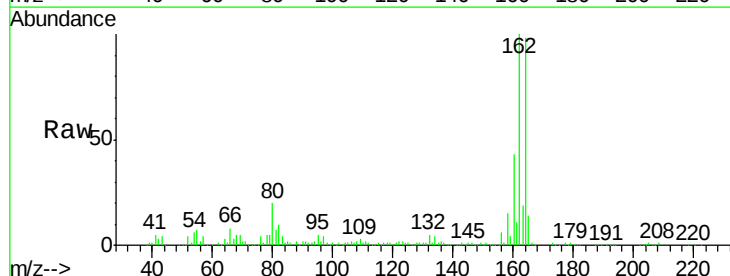


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

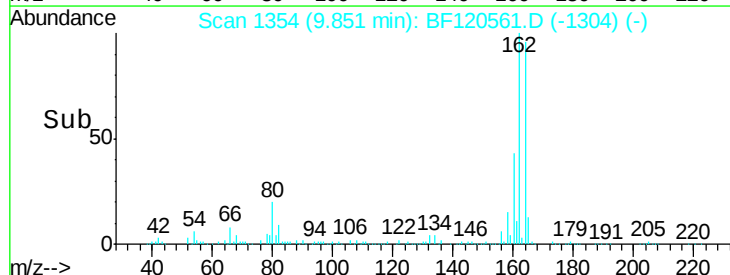
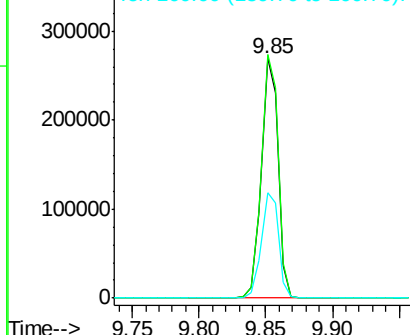


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF120561.D
Acq: 5 Jun 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	228627		
162	101.6		80.3	120.5
160	44.0		36.6	54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





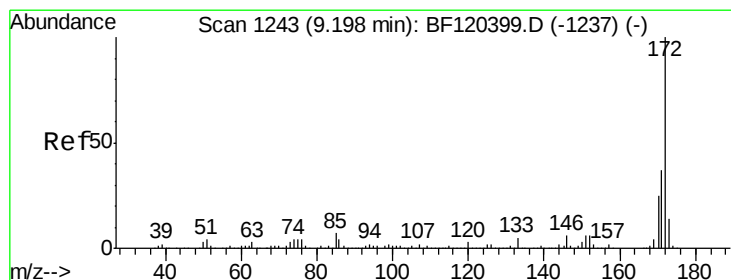
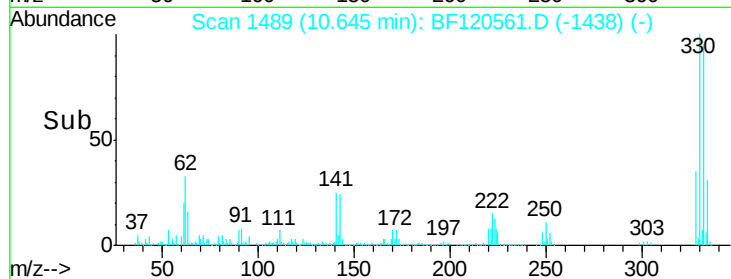
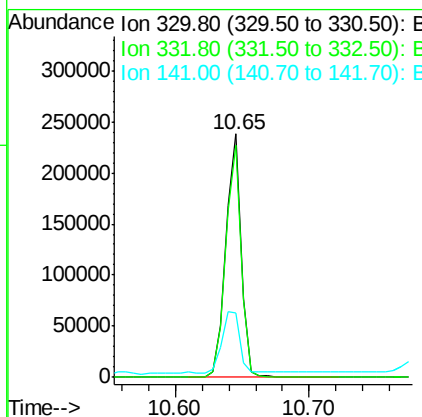
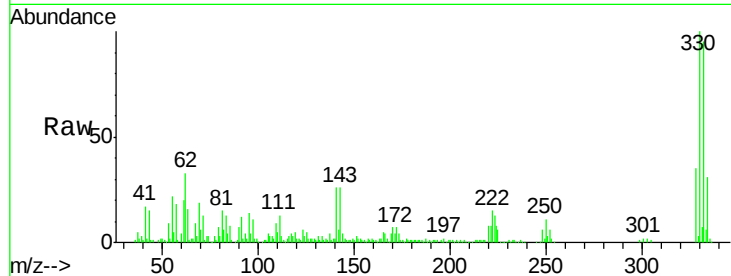
#42
 2,4,6-Tribromophenol
 Concen: 91.448 ng
 RT: 10.65 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: BF120561.D
 Acq: 5 Jun 2020 15:58

Instrument :
 BNA_F
 ClientSampleId :
 72-11979-72-11969

Tot Ion	Ratio	Resp	Lower	Upper
330	100	193718		
332	96.5	76.7	115.1	
141	31.2	23.9	35.9	

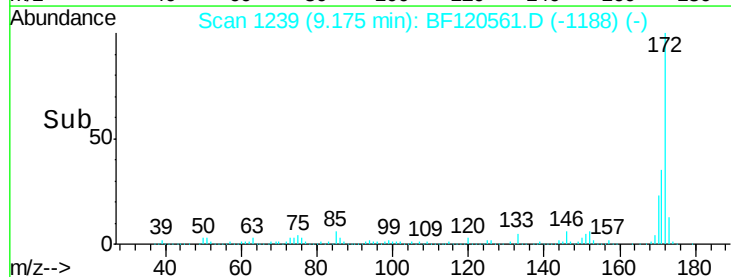
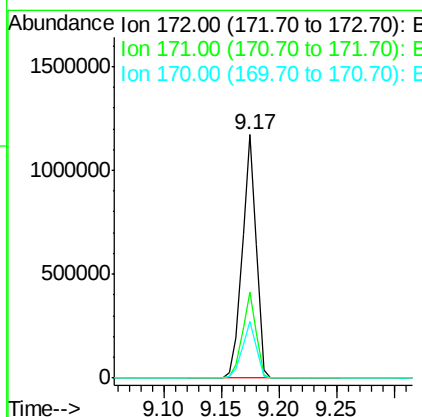
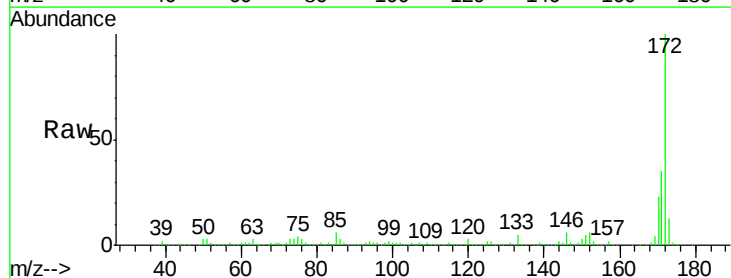
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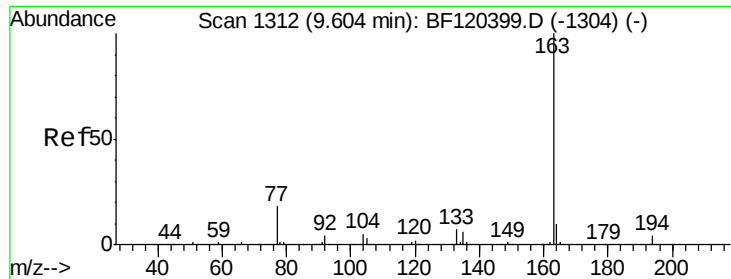
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#45
 2-Fluorobiphenyl
 Concen: 73.052 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF120561.D
 Acq: 5 Jun 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	984362		
171	35.4	28.6	42.8	
170	23.4	19.0	28.6	





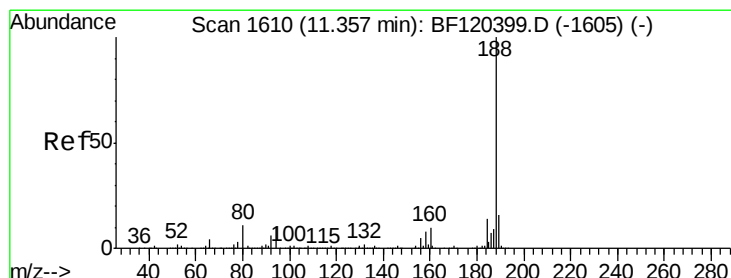
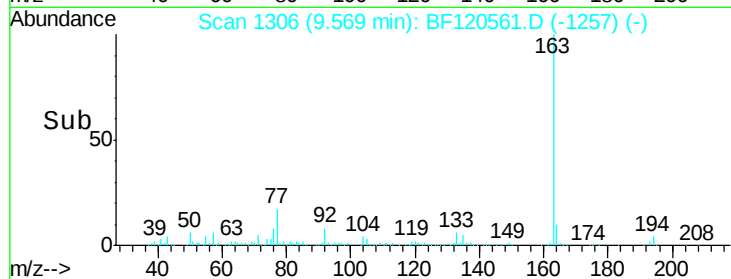
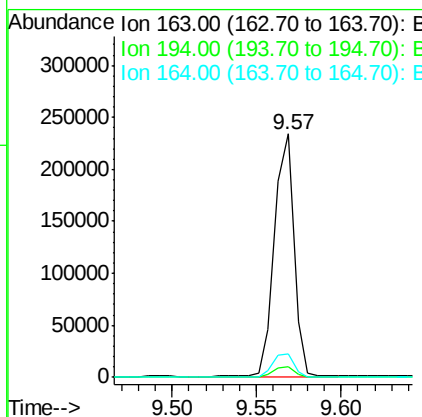
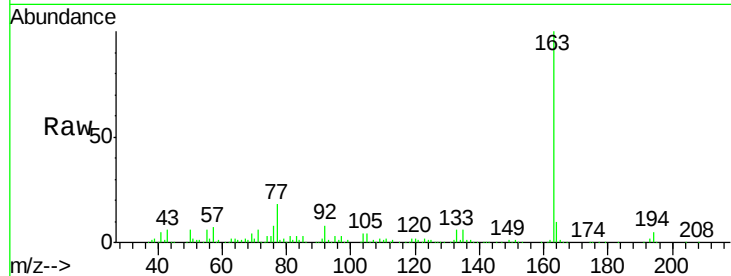
#50
Dimethylphthalate
Concen: 13.136 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120561.D
Acq: 5 Jun 2020 15:58

Instrument :
BNA_F
ClientSampleId :
72-11979-72-11969

Tot Ion	Ratio	Resp	Lower	Upper
163	100	187761		
194	4.5	3.3	4.9	
164	9.7	7.8	11.8	

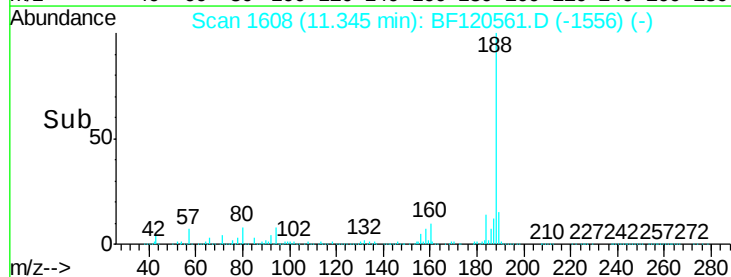
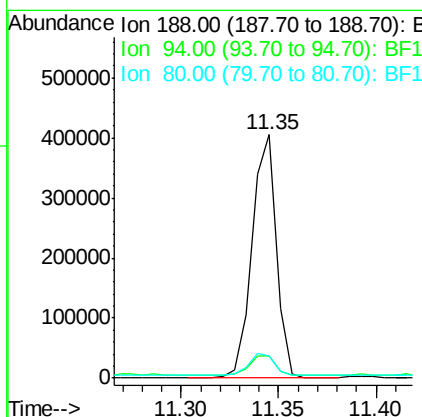
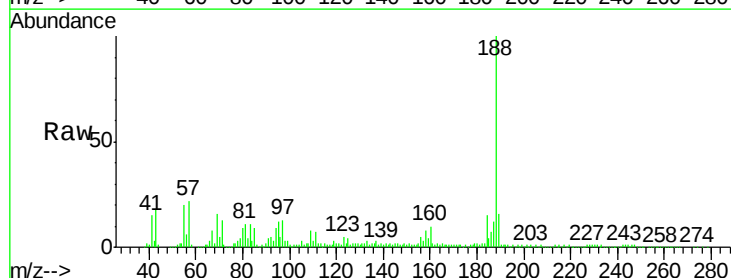
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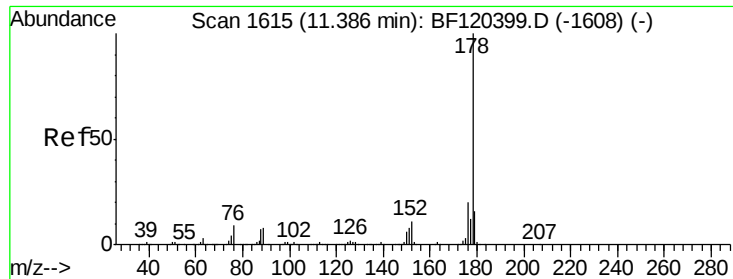
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BF120561.D
Acq: 5 Jun 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	347464		
94	9.0	7.0	10.6	
80	9.1	7.4	11.0	





#71

Phenanthrene

Concen: 3.814 ng

RT: 11.36 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF120561.D

Acq: 5 Jun 2020 15:58

Instrument :

BNA_F

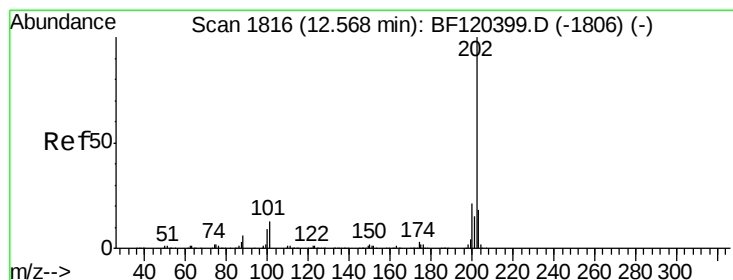
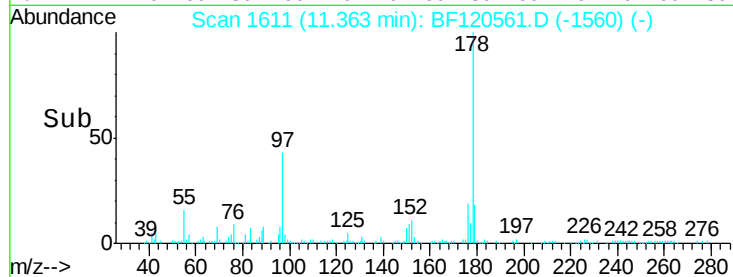
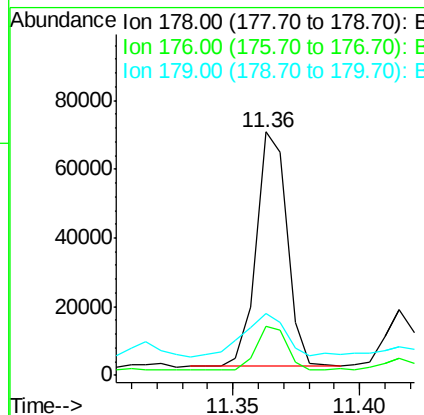
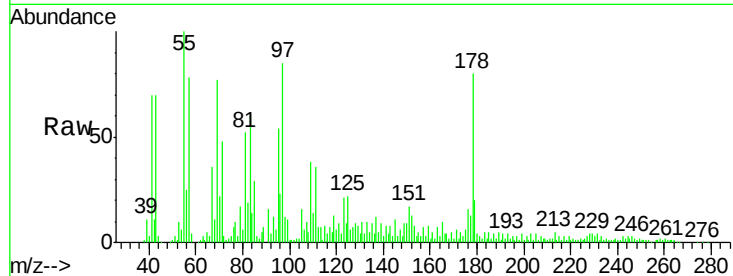
ClientSampleId :

72-11979-72-11969

Tot Ion:	178	Resp:	58400
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.7	23.5
179	25.2	12.5	18.7#

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#75

Fluoranthene

Concen: 6.326 ng

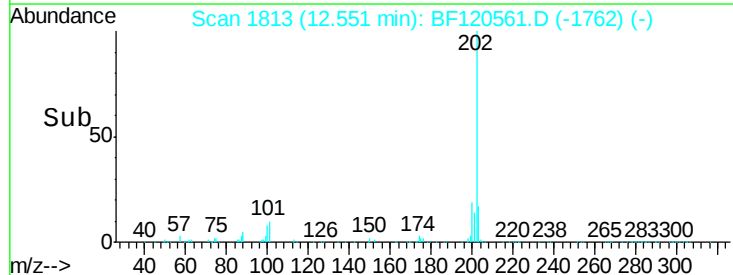
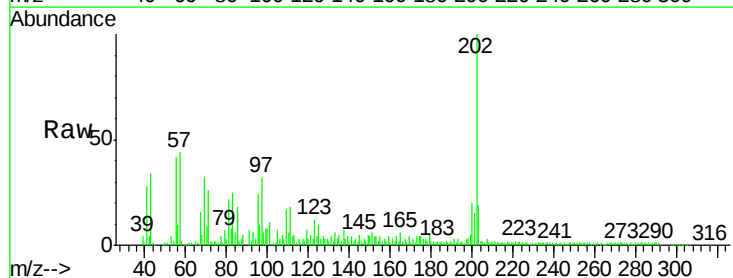
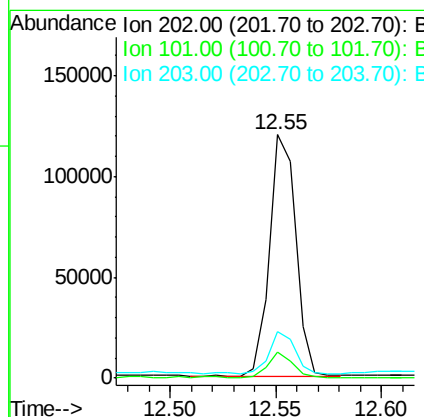
RT: 12.55 min Scan# 1813

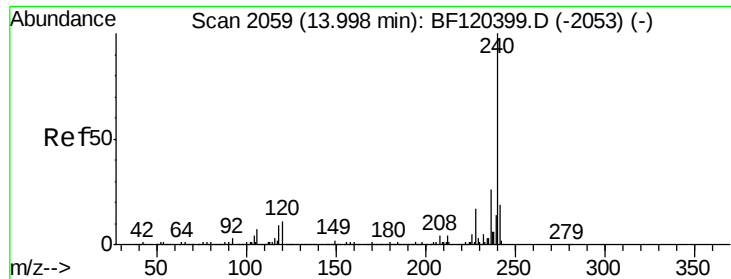
Delta R.T. 0.00 min

Lab File: BF120561.D

Acq: 5 Jun 2020 15:58

Tgt Ion:	202	Resp:	104211
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	32.2
203	19.1	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BF120561.D

Acq: 5 Jun 2020 15:58

Instrument :

BNA_F

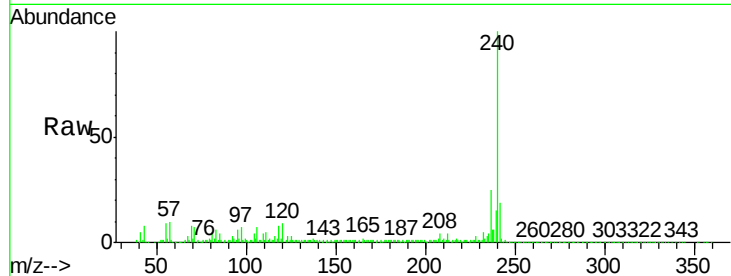
ClientSampleId :

72-11979-72-11969

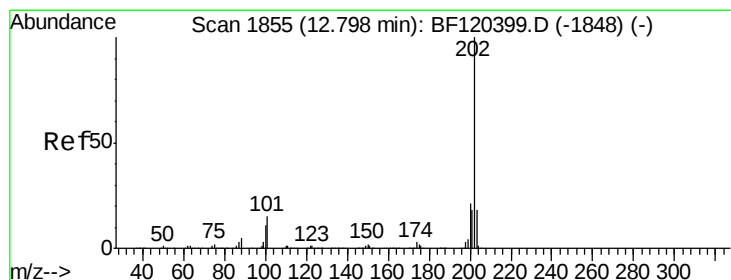
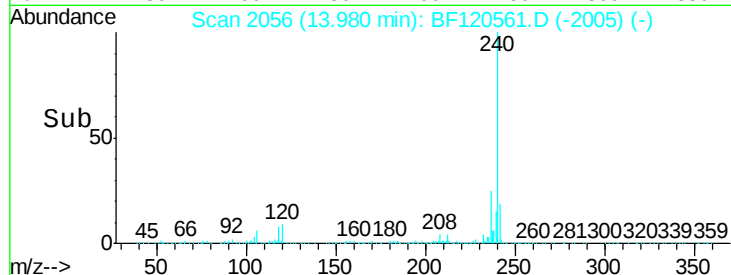
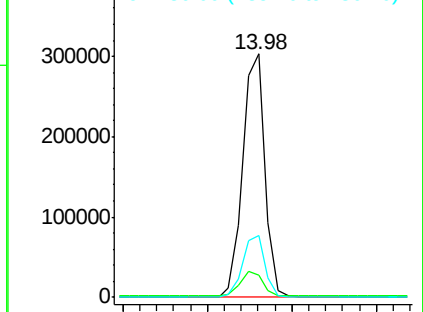
Tot Ion:	240	Resp:	275250
Ion Ratio	Lower	Upper	
240	100		
120	9.2	9.1	13.7
236	25.5	21.3	31.9

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 4.948 ng

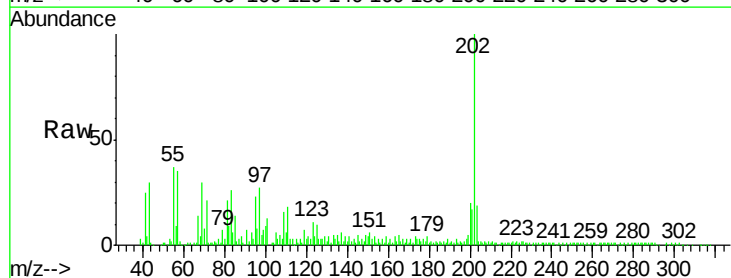
RT: 12.78 min Scan# 1852

Delta R.T. 0.00 min

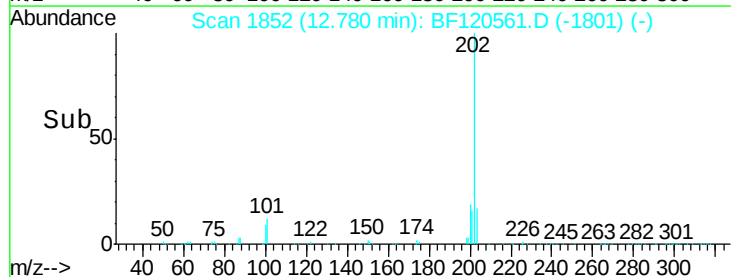
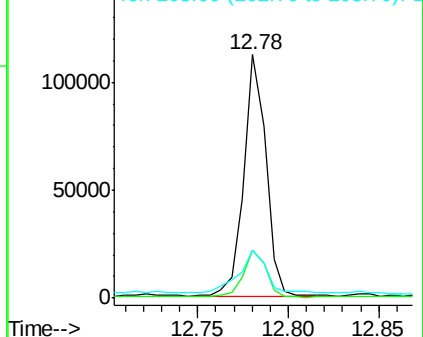
Lab File: BF120561.D

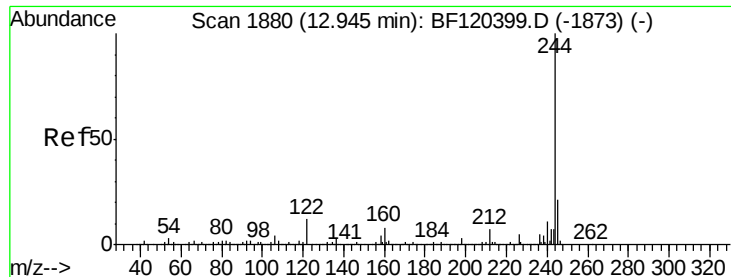
Acq: 5 Jun 2020 15:58

Tgt Ion:	202	Resp:	94721
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.6	24.8
203	19.4	14.4	21.6



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: 67.567 ng

RT: 12.93 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BF120561.D

Acq: 5 Jun 2020 15:58

Instrument :

BNA_F

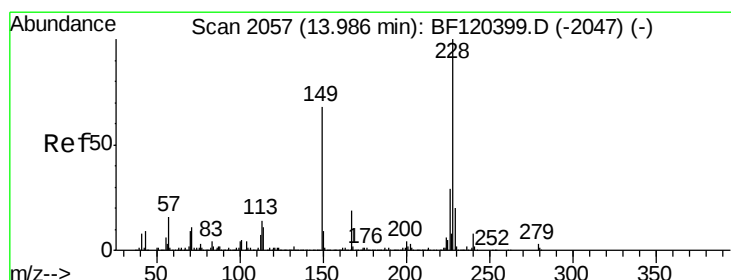
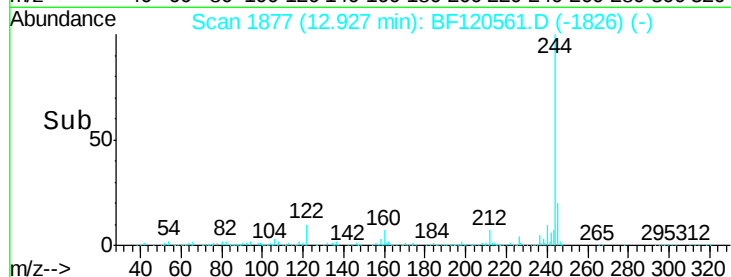
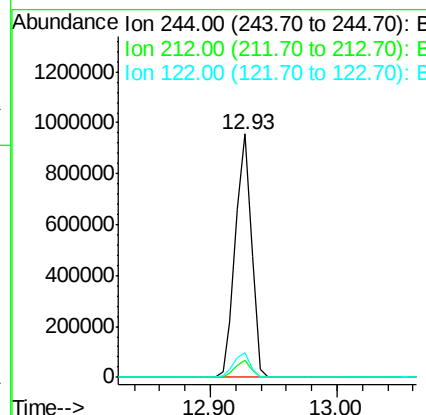
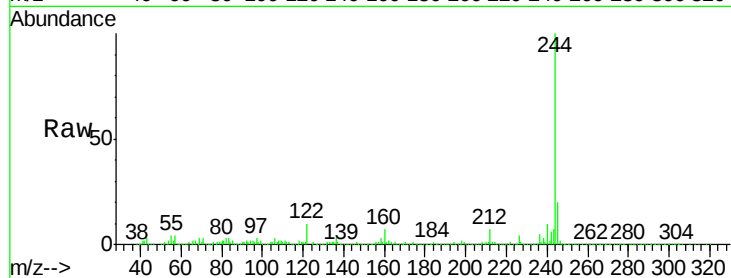
ClientSampleId :

72-11979-72-11969

Tot Ion:	244	Resp:	835771
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.3	7.9
122	10.1	8.4	12.6

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#81

Benzo(a)anthracene

Concen: 3.321 ng

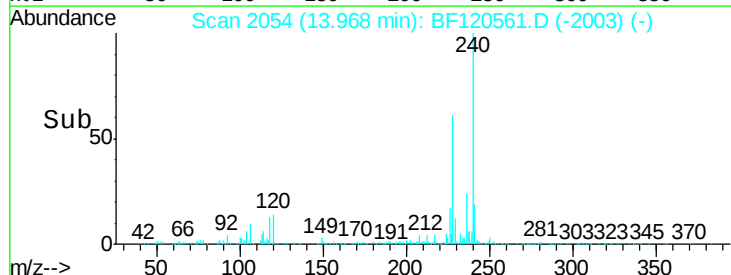
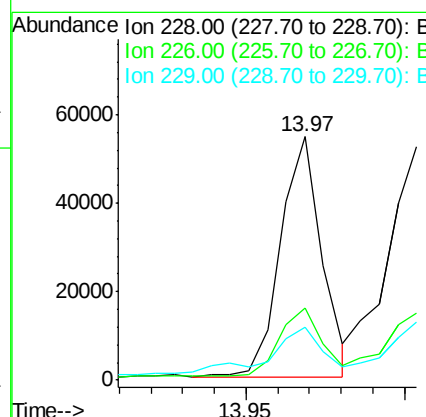
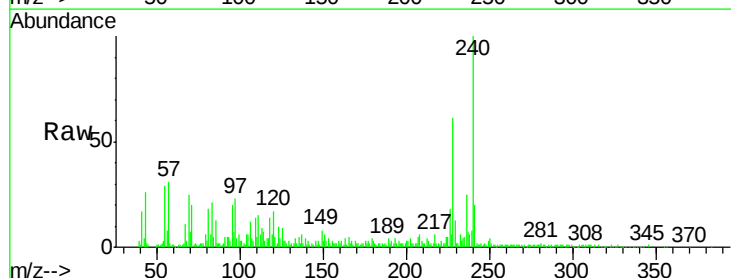
RT: 13.97 min Scan# 2054

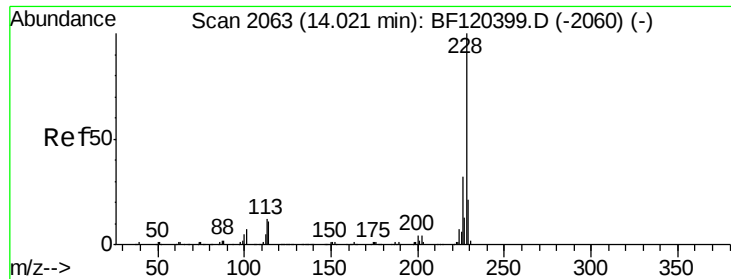
Delta R.T. 0.00 min

Lab File: BF120561.D

Acq: 5 Jun 2020 15:58

Tgt Ion:	228	Resp:	48989
Ion Ratio	Lower	Upper	
228	100		
226	29.4	22.7	34.1
229	21.6	16.2	24.4





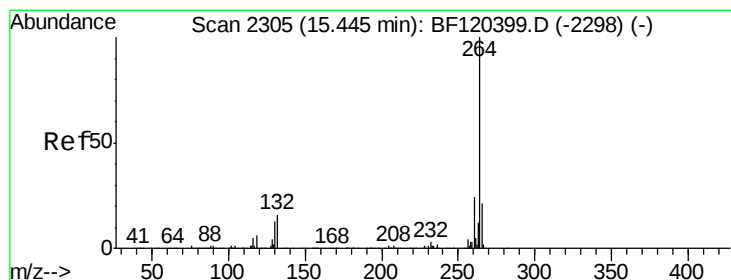
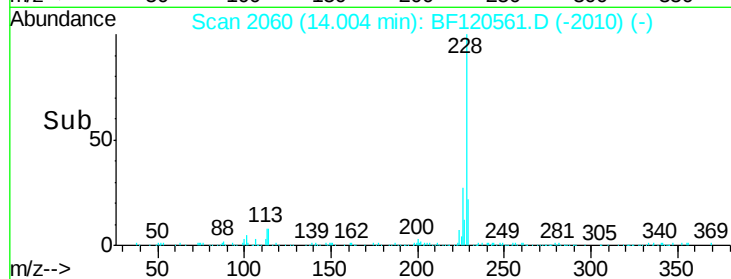
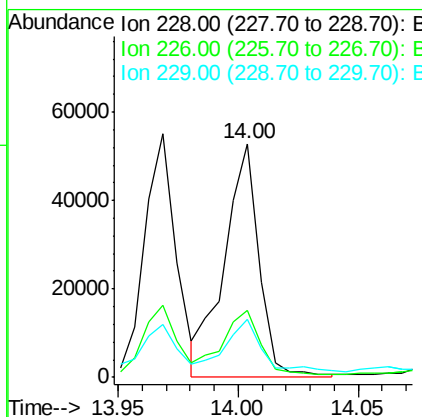
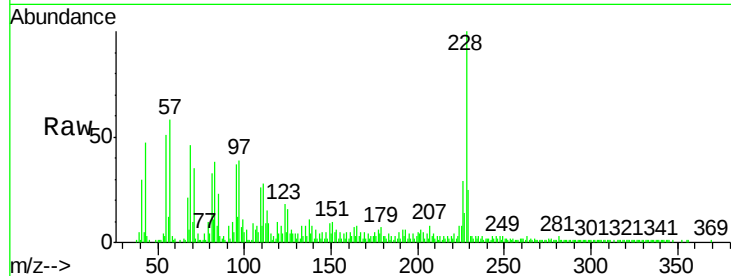
#83
Chrysene
Concen: 3.469 ng/mL
RT: 14.00 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BF120561.D
Acq: 5 Jun 2020 15:58

Instrument :
BNA_F
ClientSampleId :
72-11979-72-11969

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.7	37.1
229	24.9	15.6	23.4

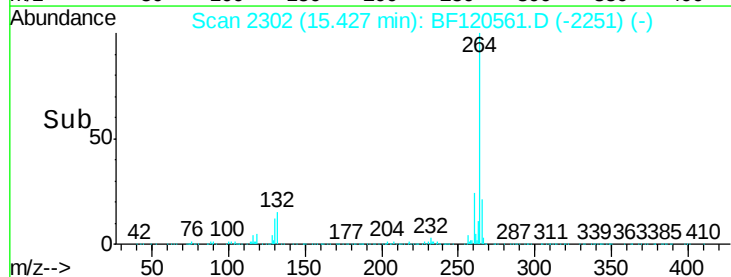
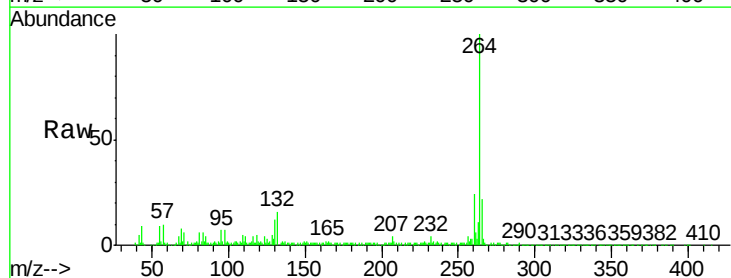
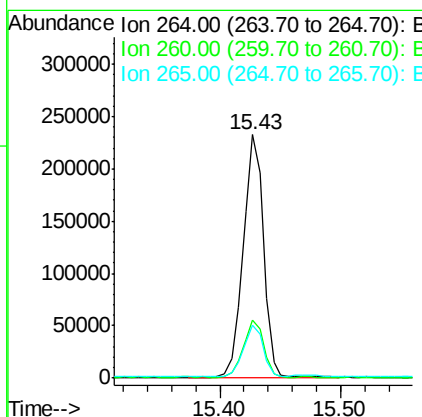
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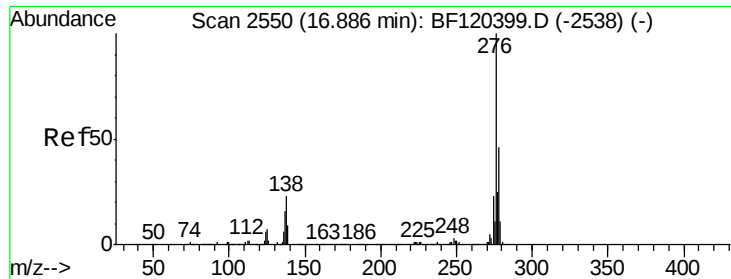
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BF120561.D
Acq: 5 Jun 2020 15:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.9	17.2	25.8





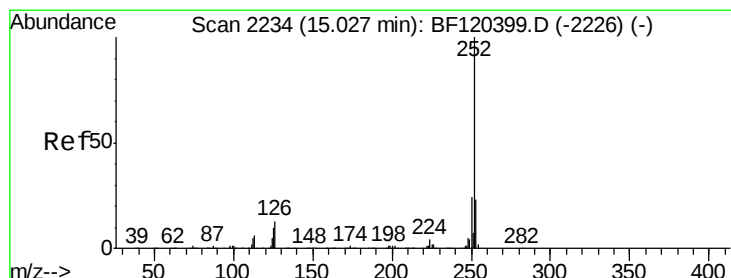
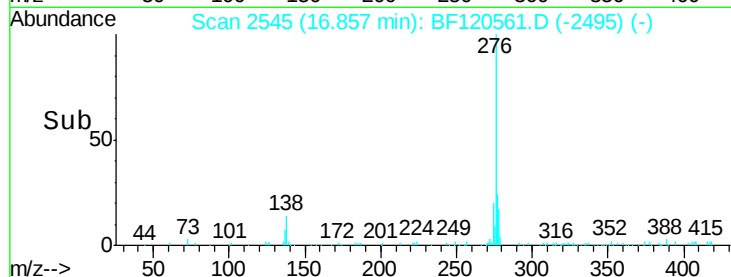
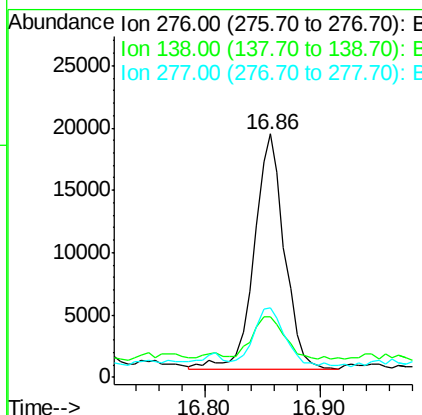
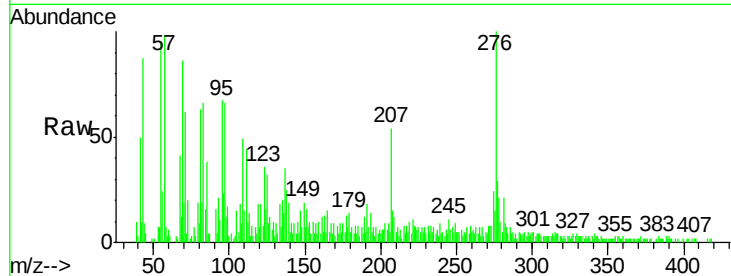
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.293 ng
 RT: 16.86 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BF120561.D
 Acq: 5 Jun 2020 15:58

Instrument :
 BNA_F
 ClientSampleId :
 72-11979-72-11969

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	17.8	26.8
277	25.5	20.1	30.1

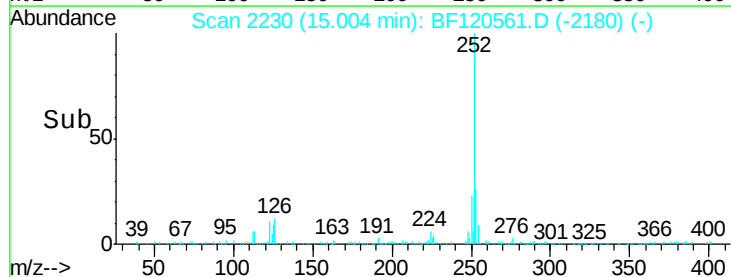
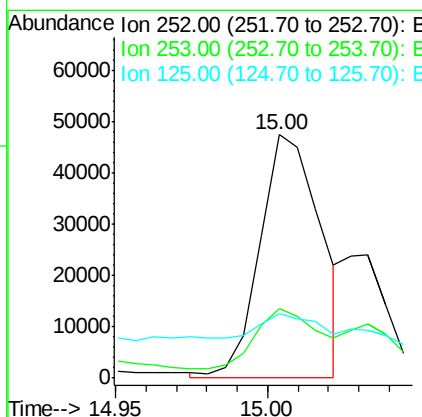
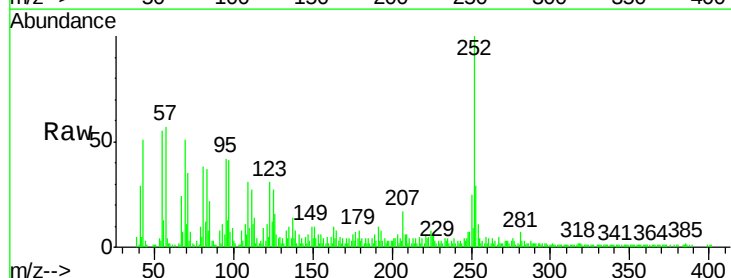
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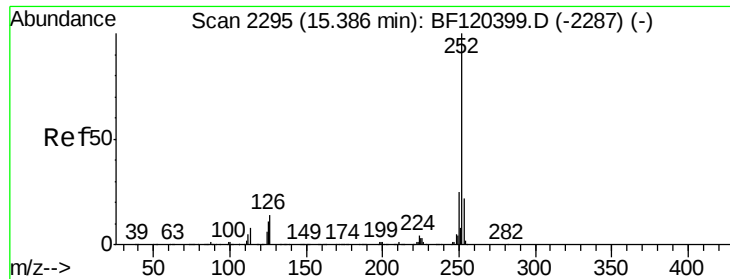
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#88
 Benzo(b)fluoranthene
 Concen: 4.365 ng m
 RT: 15.00 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF120561.D
 Acq: 5 Jun 2020 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.2	25.8#
125	26.6	6.7	10.1#





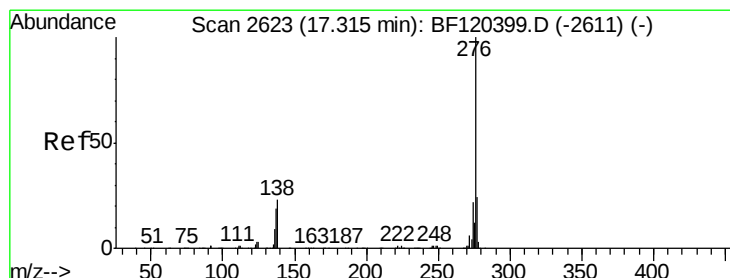
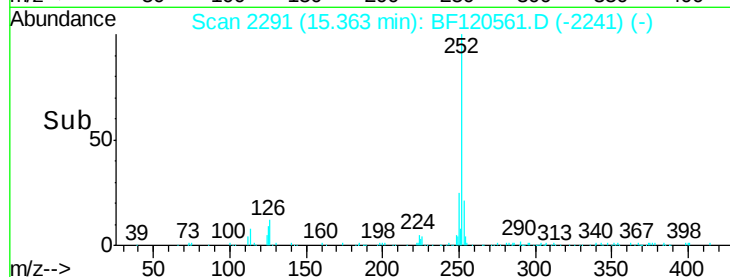
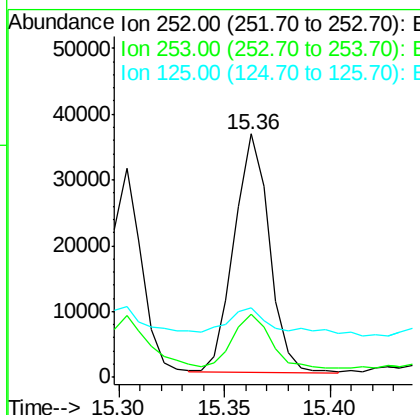
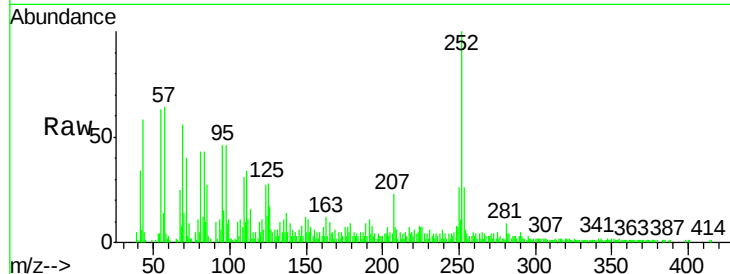
#90
Benzo(a)pyrene
Concen: 3.161 ng
RT: 15.36 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF120561.D
Acq: 5 Jun 2020 15:58

Instrument :
BNA_F
ClientSampleId :
72-11979-72-11969

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.0
125	28.4	7.8	11.8

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#92
Benzo(g,h,i)perylene
Concen: 2.881 ng
RT: 17.29 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BF120561.D
Acq: 5 Jun 2020 15:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.2	18.8	28.2
138	25.8	15.4	23.0

