

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111954.D
 Acq On : 9 Jan 2019 17:26
 Operator : JU/SJ
 Sample : K1006-15 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010819-H

Manual Integrations
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Sohil
 1/10/2019 11:46:00 AM

Quant Time: Jan 10 02:54:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	134447	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	504135	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	223153	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	351777	20.00	ng	0.00
76) Chrysene-d12	14.05	240	323785	20.00	ng	0.00
87) Perylene-d12	15.54	264	226214	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	386837	49.22	ng	-0.01
7) Phenol-d6	6.52	99	500708	49.43	ng	-0.01
23) Nitrobenzene-d5	7.44	82	307271	32.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	115753	39.88	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	567510	37.08	ng	-0.01
79) Terphenyl-d14	12.99	244	502575	29.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	41193	2.457	ng	Qvalue 100
71) Phenanthrene	11.43	178	108320	5.759	ng	99
75) Fluoranthene	12.62	202	121797	6.308	ng	99
78) Pyrene	12.85	202	106218	4.768	ng	97
81) Benzo(a)anthracene	14.04	228	48943	2.626	ng	96
83) Chrysene	14.07	228	39313m	2.213	ng	
88) Benzo(b)fluoranthene	15.10	252	36239m	2.678	ng	
90) Benzo(a)pyrene	15.47	252	26271	2.208	ng	# 87

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

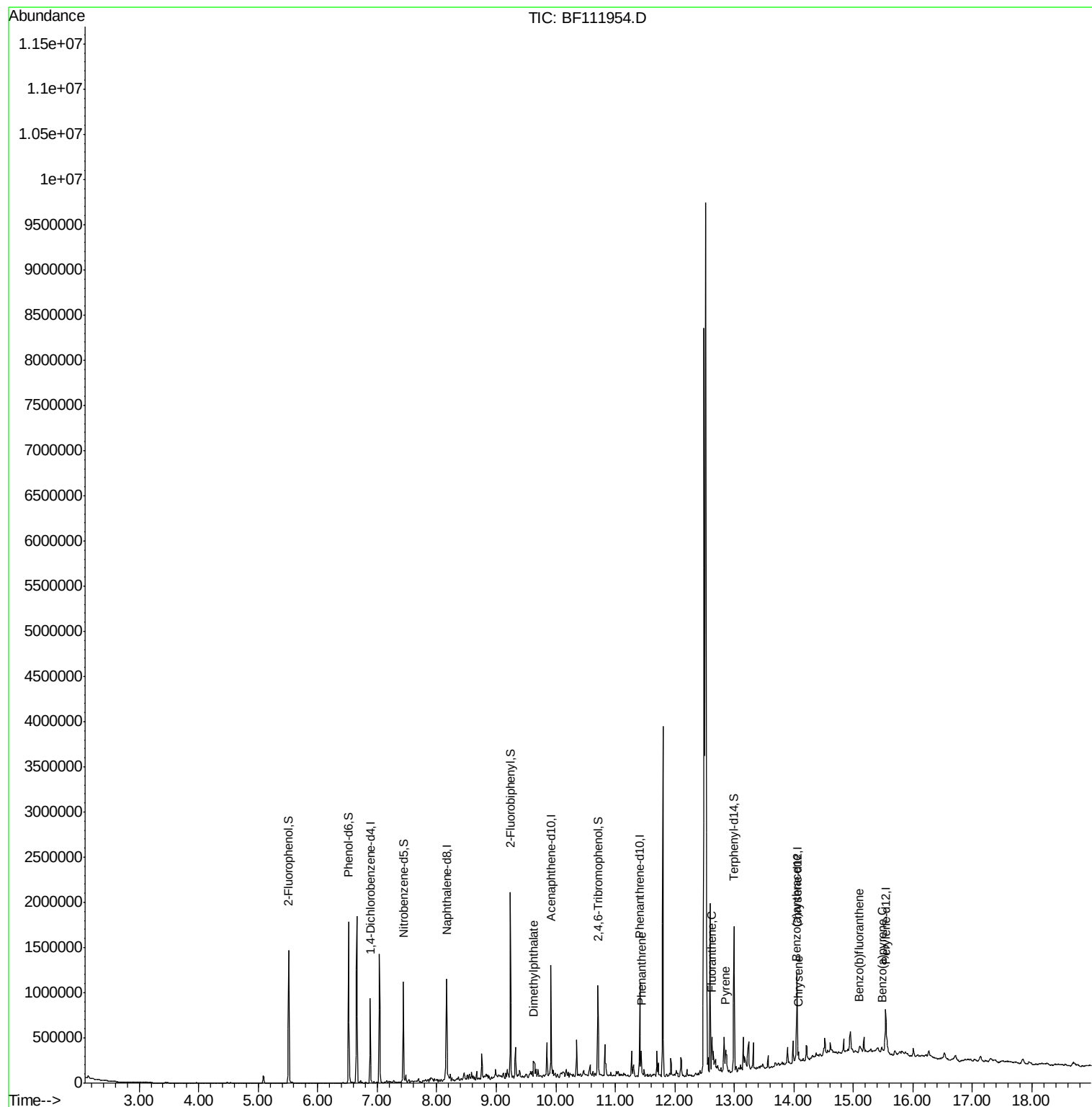
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

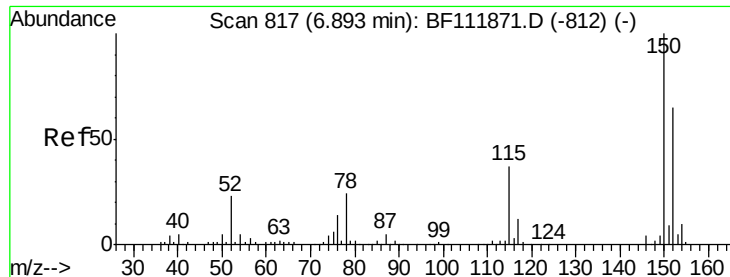
Instrument :
BNA_F
ClientSampleId :
JC-03-010819-H

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1/10/2019 11:46:00 AM

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QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration





#1

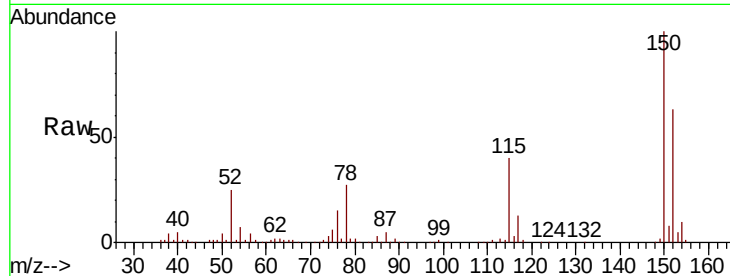
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
JC-03-010819-H

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.7	184.1
115	62.6	45.2	67.8

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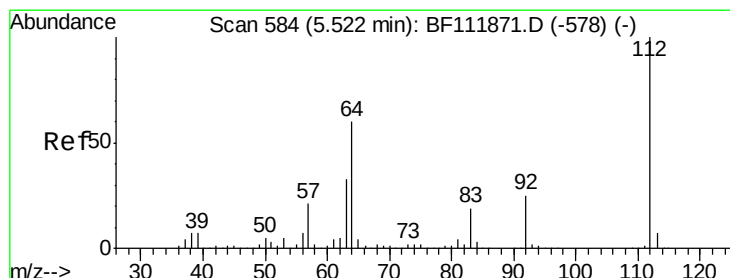
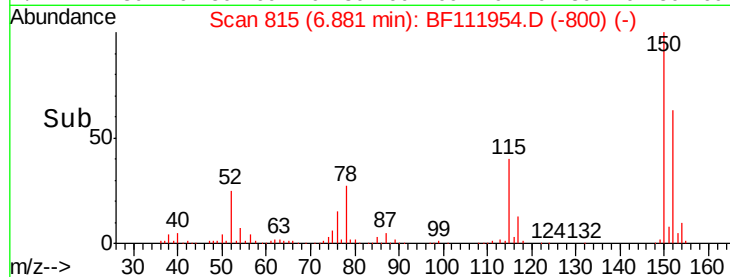
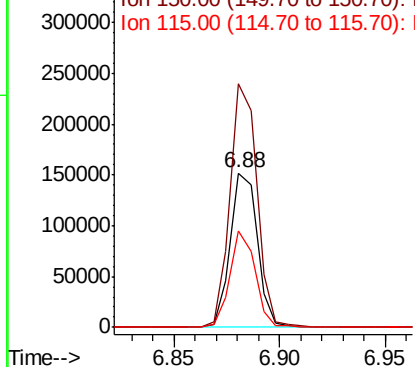


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

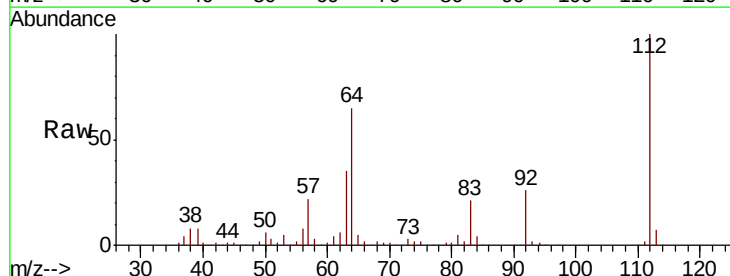
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.224 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	48.3	72.5
63	35.2	26.1	39.1

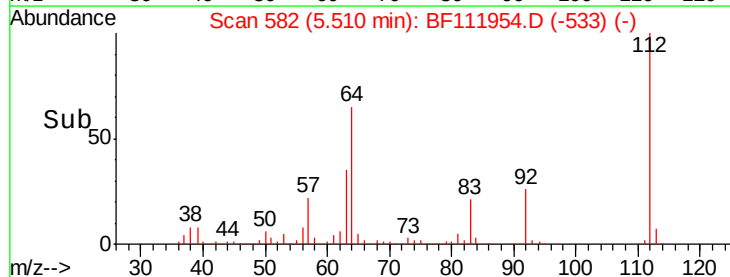
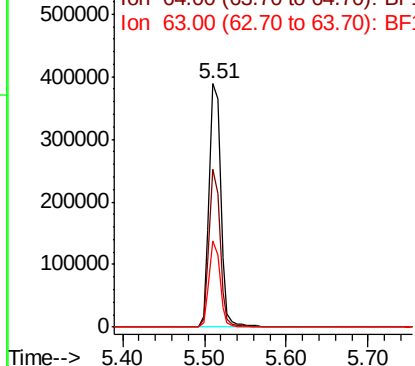


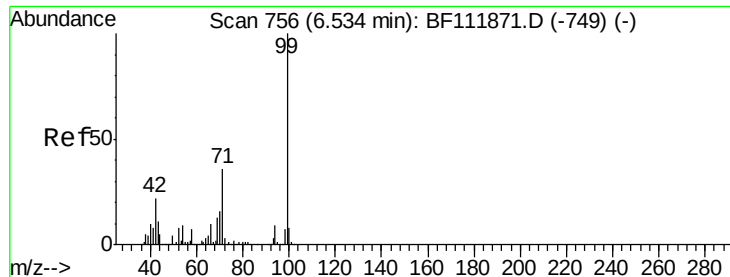
Abundance

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: 49.434 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111954.D

Acq: 9 Jan 2019 17:26

Instrument :

BNA_F

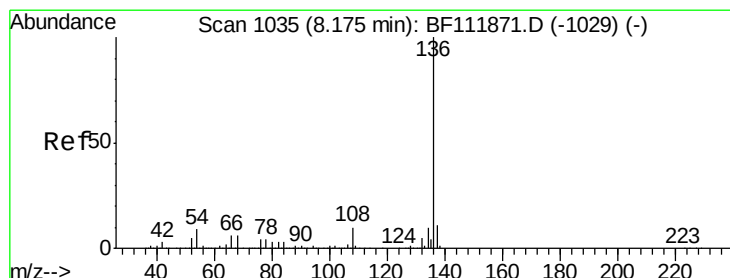
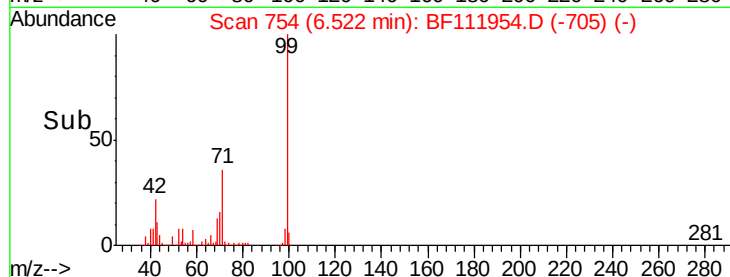
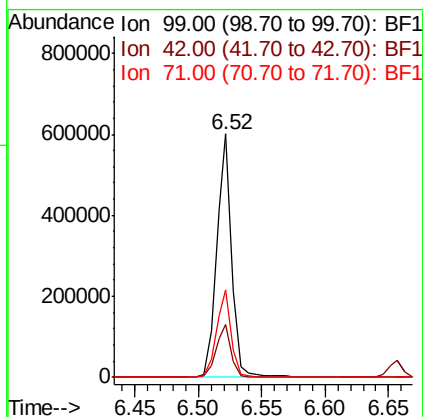
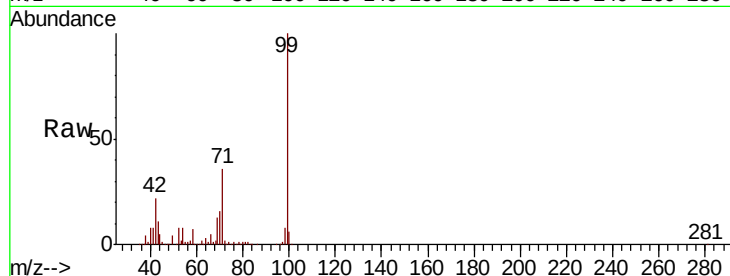
ClientSampleId :

JC-03-010819-H

Tot Ion:	99	Resp:	500708
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.9	26.9
71	35.9	28.7	43.1

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#21

Naphthalene-d8

Concen: 20.000 ng

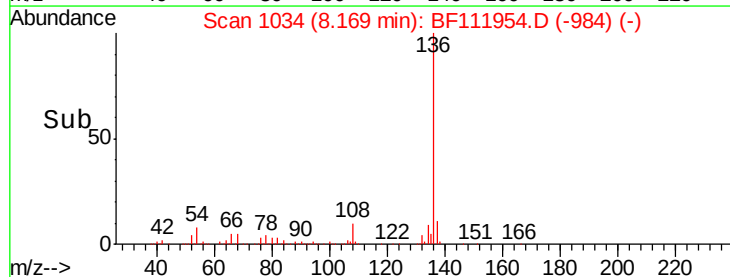
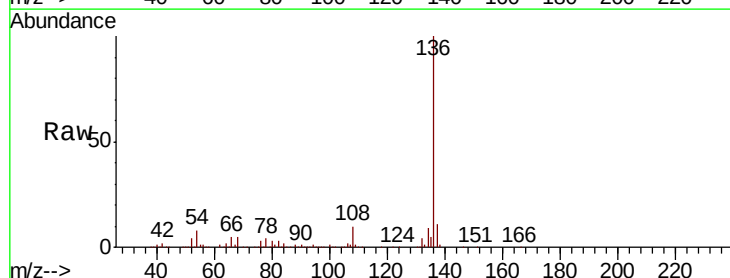
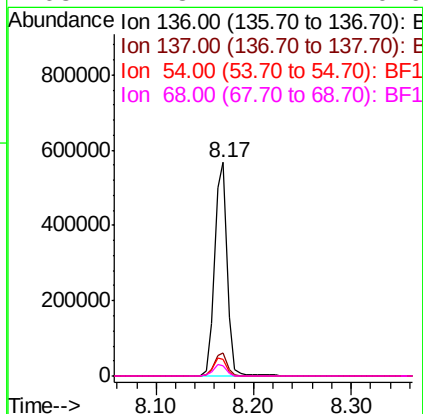
RT: 8.17 min Scan# 1034

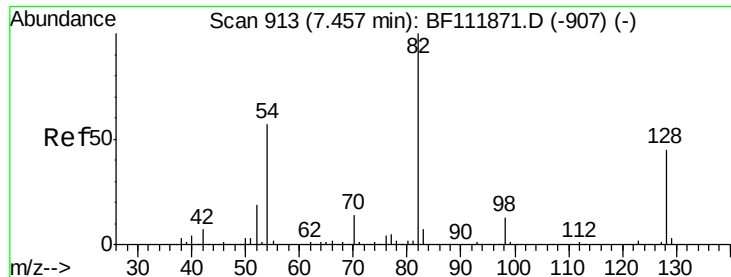
Delta R.T. -0.01 min

Lab File: BF111954.D

Acq: 9 Jan 2019 17:26

Tgt Ion:	136	Resp:	504135
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.0	7.2	10.8
68	4.8	4.4	6.6





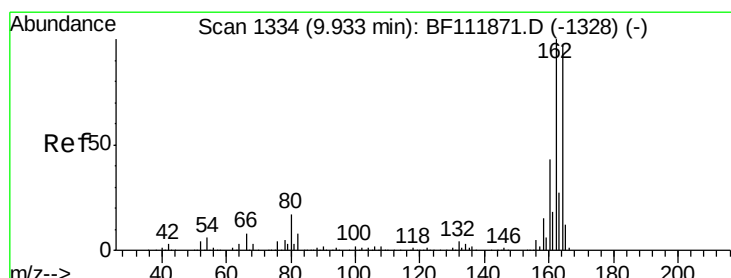
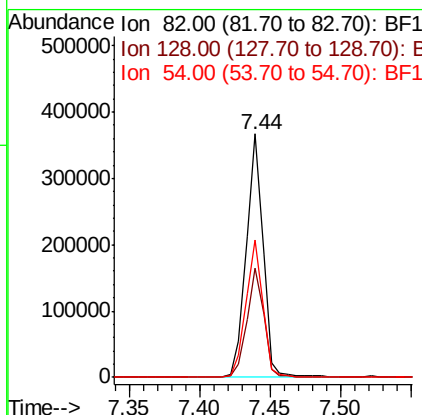
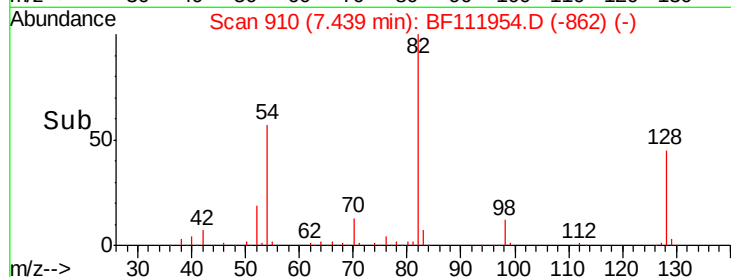
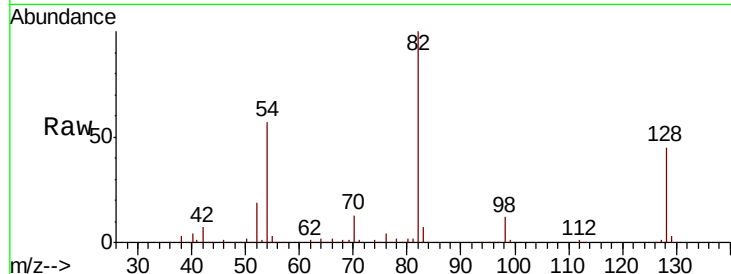
#23
Nitrobenzene-d5
Concen: 32.575 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
JC-03-010819-H

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	35.7	53.5	
54	56.7	45.8	68.8	

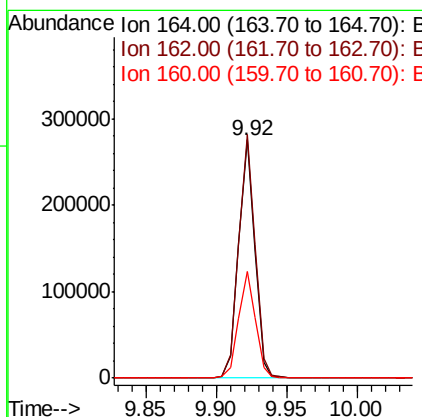
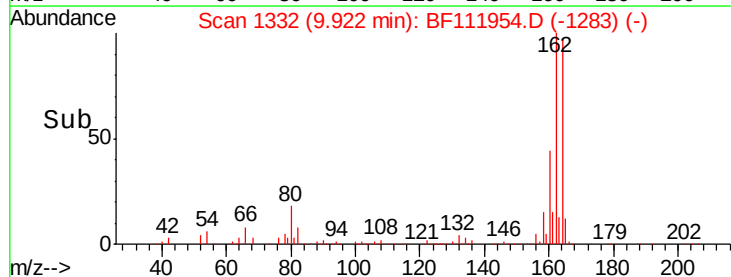
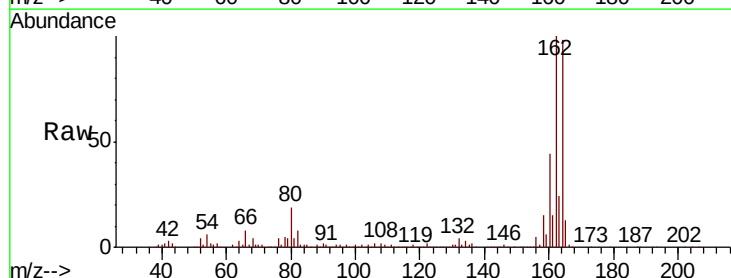
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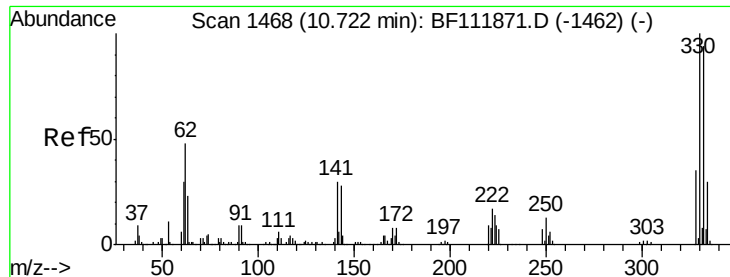
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	82.2	123.2	
160	44.7	35.5	53.3	





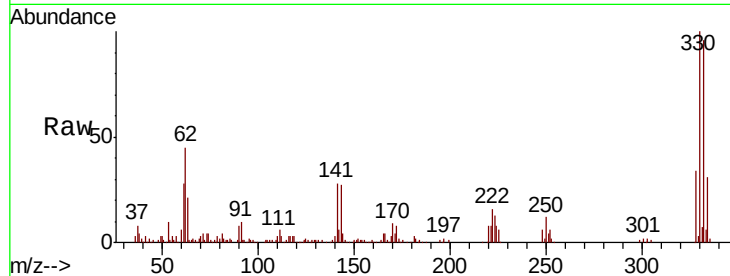
#42
 2,4,6-Tribromophenol
 Concen: 39.880 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111954.D
 Acq: 9 Jan 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010819-H

Tot Ion	Ratio	Resp	Lower	Upper
330	100	115753		
332	96.1	76.9	115.3	
141	29.9	23.7	35.5	

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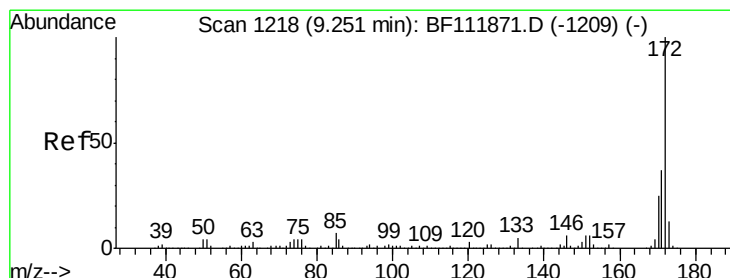
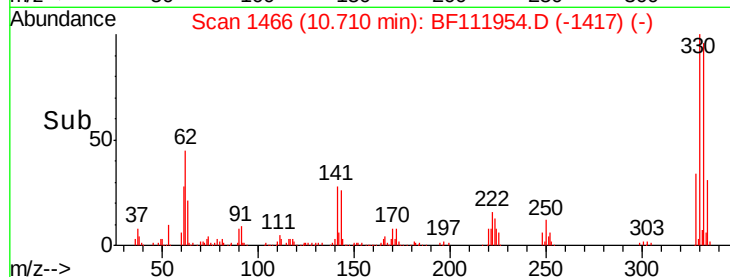
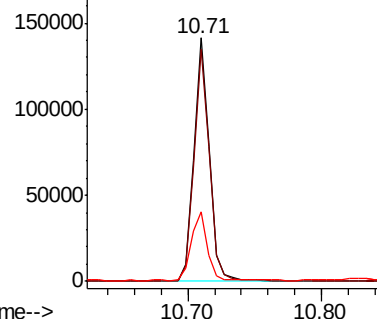


Abundance

Ion 329.80 (329.50 to 330.50): E

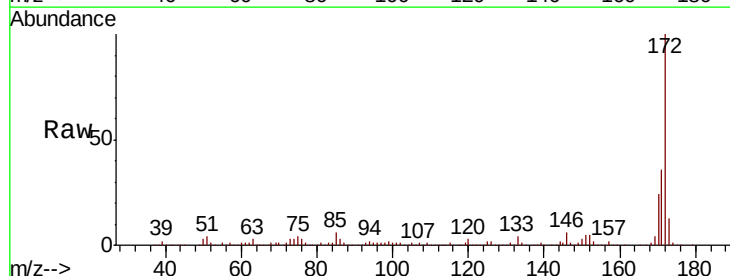
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 37.084 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111954.D
 Acq: 9 Jan 2019 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	567510		
171	35.8	29.6	44.4	
170	23.7	19.8	29.8	

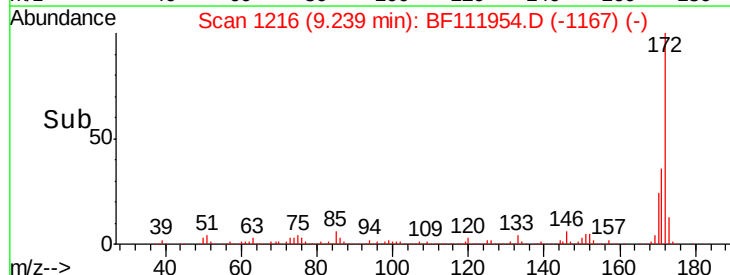
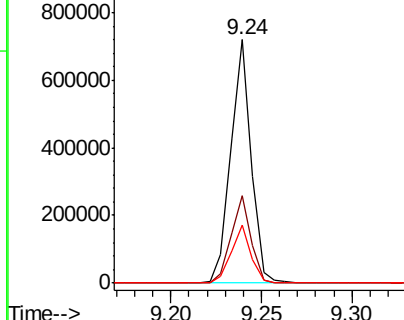


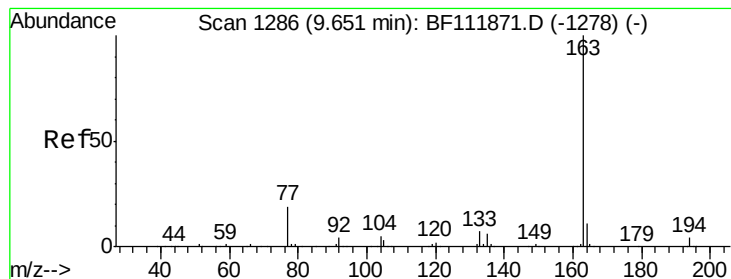
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.457 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF111954.D

Acq: 9 Jan 2019 17:26

Instrument :

BNA_F

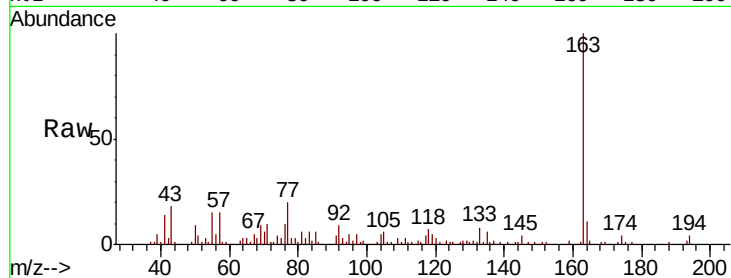
ClientSampleId :

JC-03-010819-H

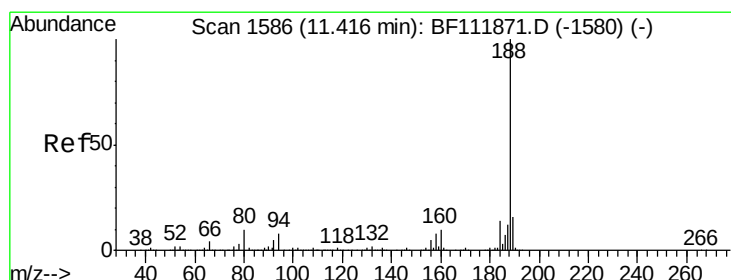
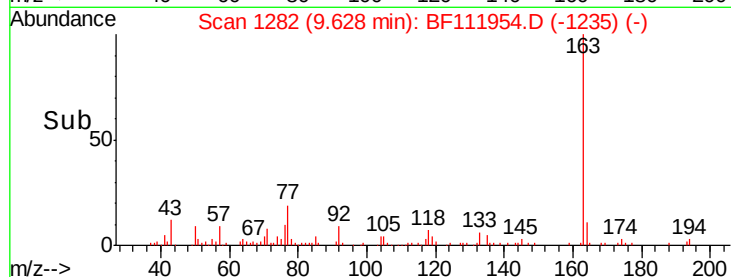
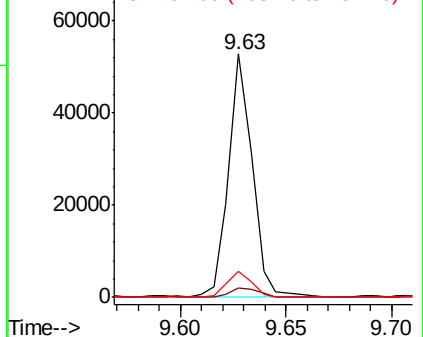
Tot Ion:	163	Resp:	41193
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.2
164	10.5	8.5	12.7

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

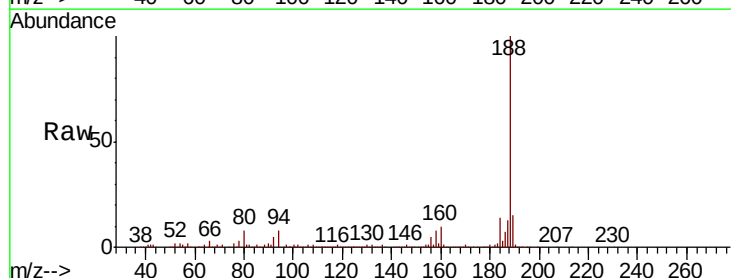
RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

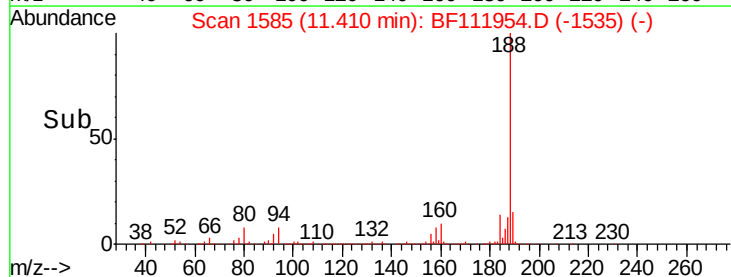
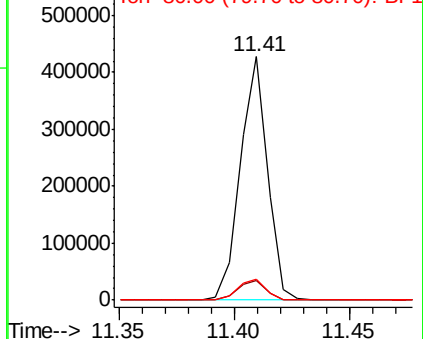
Lab File: BF111954.D

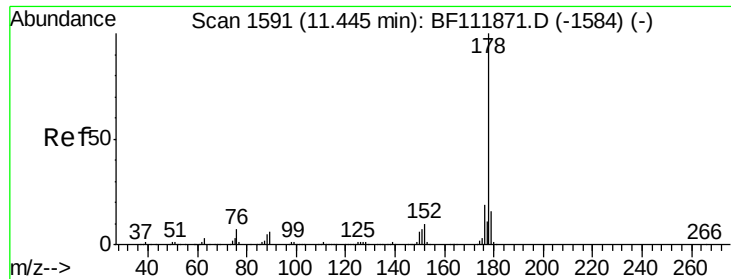
Acq: 9 Jan 2019 17:26

Tgt Ion:	188	Resp:	351777
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.6	10.0
80	8.4	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 5.759 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF111954.D

Acq: 9 Jan 2019 17:26

Instrument :

BNA_F

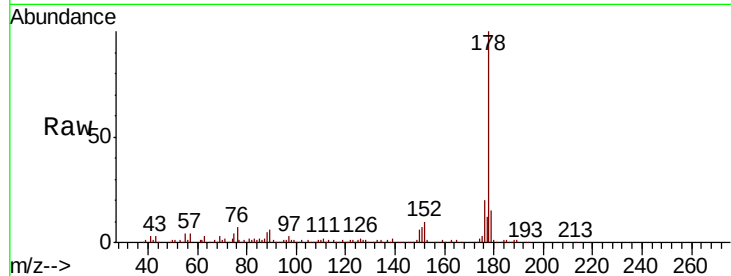
ClientSampleId :

JC-03-010819-H

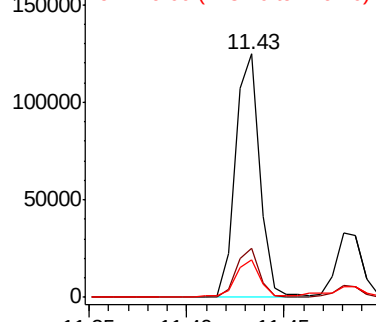
Tot Ion:	178	Resp:	108320
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.6	23.4
179	15.3	12.6	18.8

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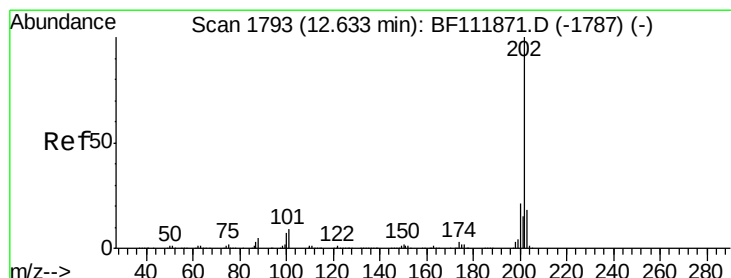
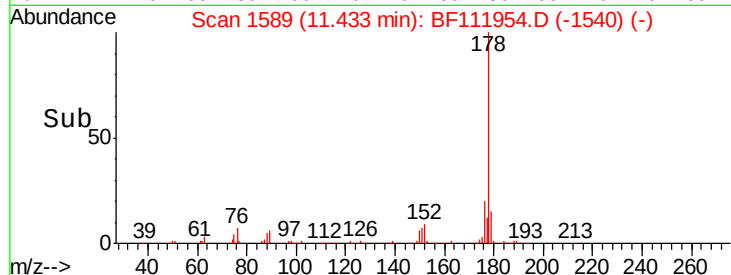
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time--> 11.35 11.40 11.45



#75

Fluoranthene

Concen: 6.308 ng

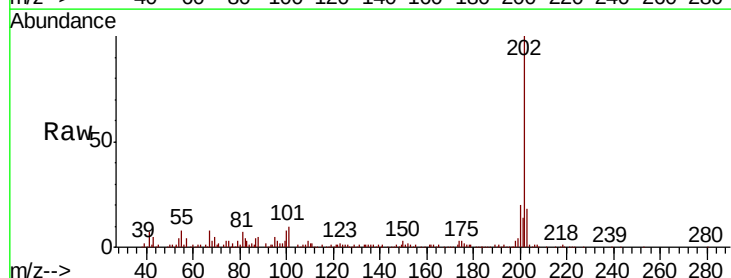
RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

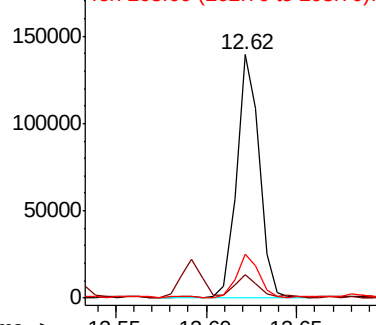
Lab File: BF111954.D

Acq: 9 Jan 2019 17:26

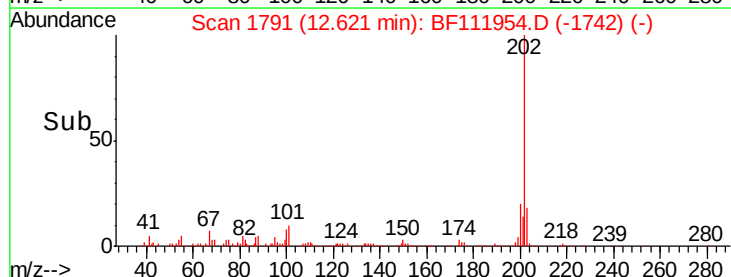
Tgt Ion:	202	Resp:	121797
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.3
203	17.9	0.0	37.6

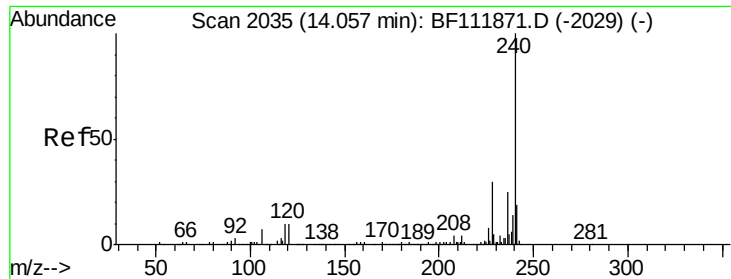


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.55 12.60 12.65





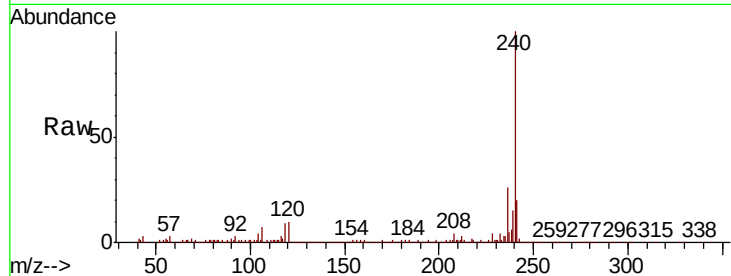
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111954.D
 Acq: 9 Jan 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010819-H

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.2	12.2
236	26.1	20.2	30.4

Manual Integrations
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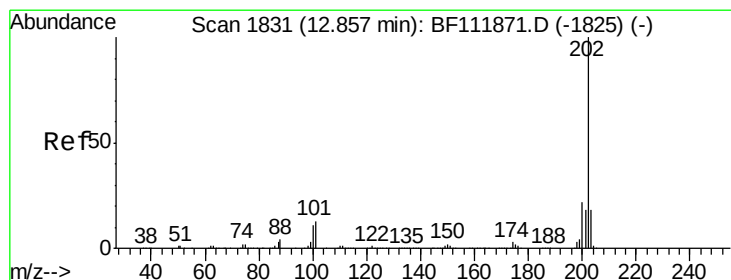
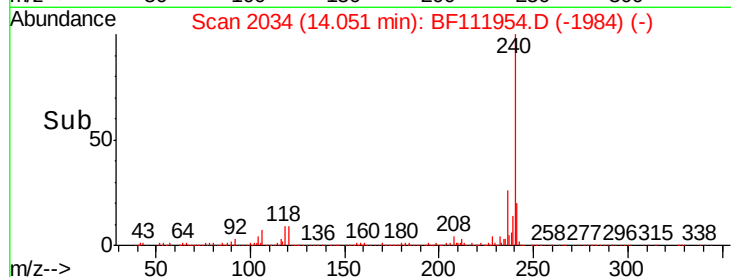
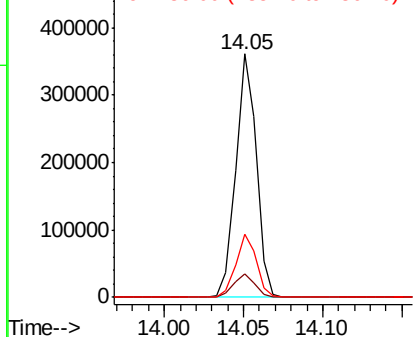


Abundance

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: 4.768 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF111954.D
 Acq: 9 Jan 2019 17:26

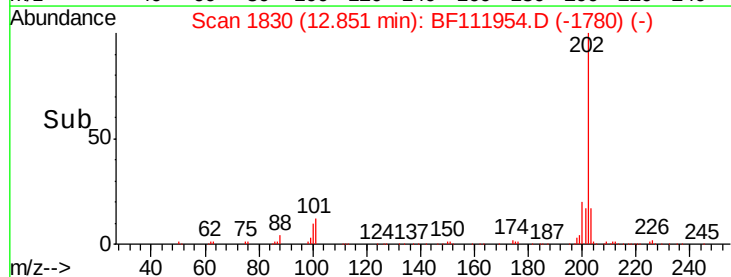
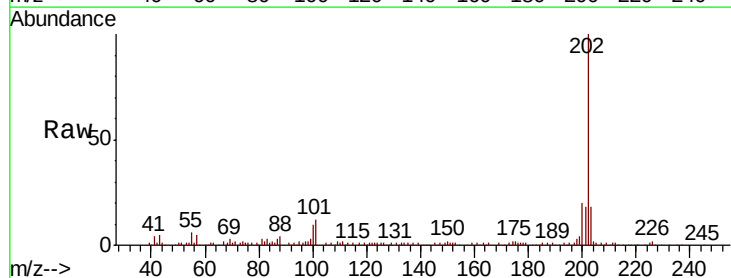
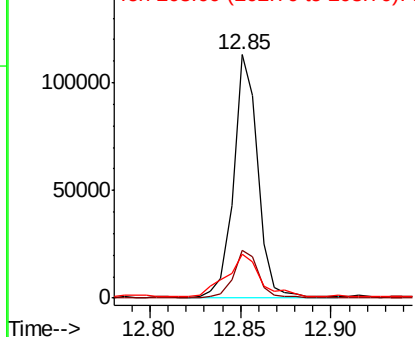
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.4	26.2
203	17.9	14.6	21.8

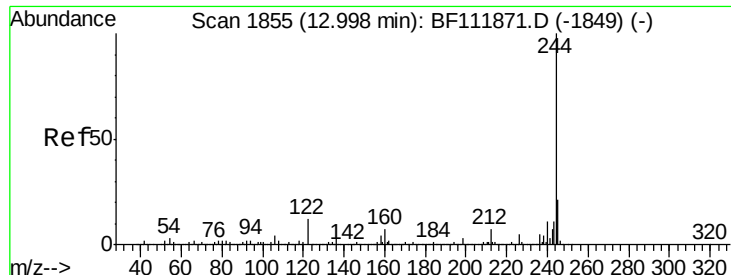
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 29.464 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111954.D

Acq: 9 Jan 2019 17:26

Instrument :

BNA_F

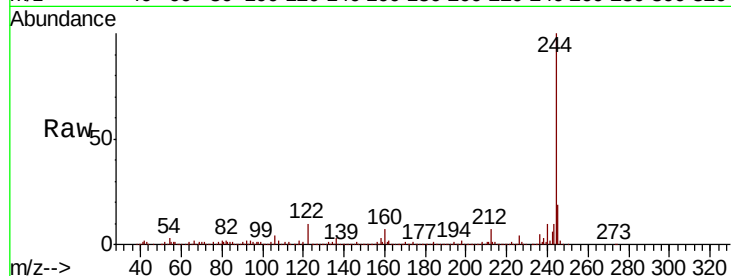
ClientSampled :

JC-03-010819-H

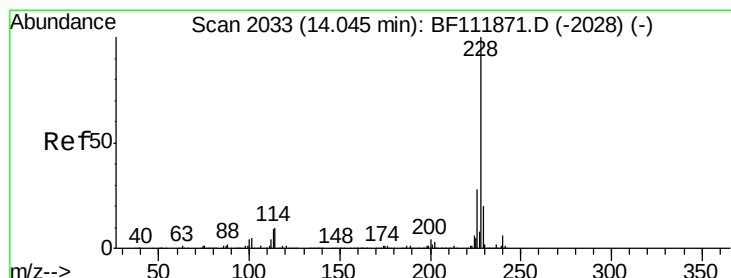
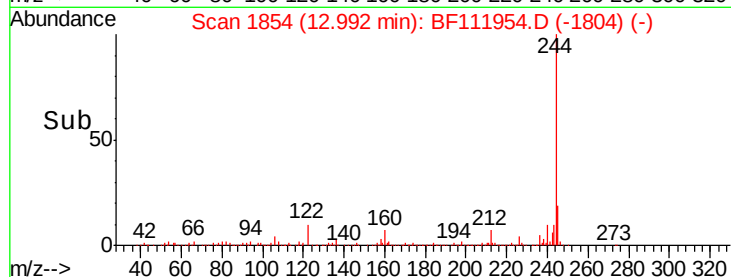
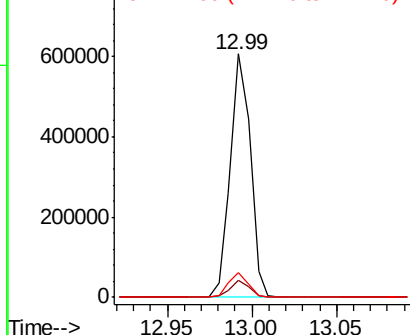
Tot Ion:	244	Resp:	502575
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.3	9.5	14.3

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 2.626 ng

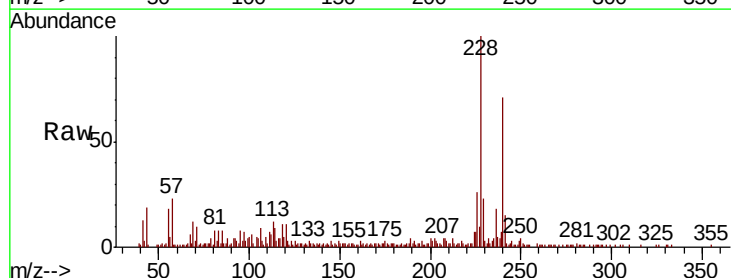
RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

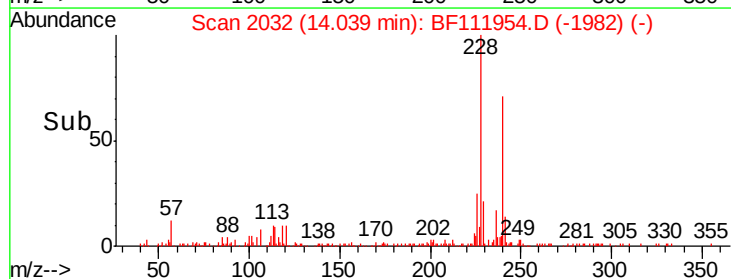
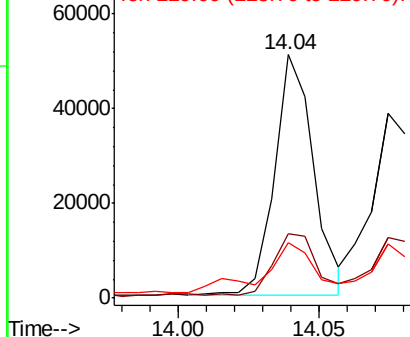
Lab File: BF111954.D

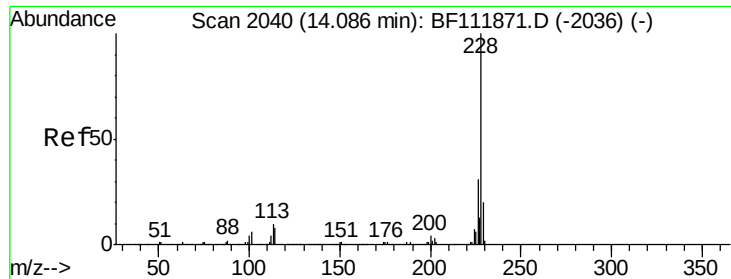
Acq: 9 Jan 2019 17:26

Tgt Ion:	228	Resp:	48943
Ion Ratio		Lower	Upper
228	100		
226	26.3	22.2	33.2
229	22.7	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





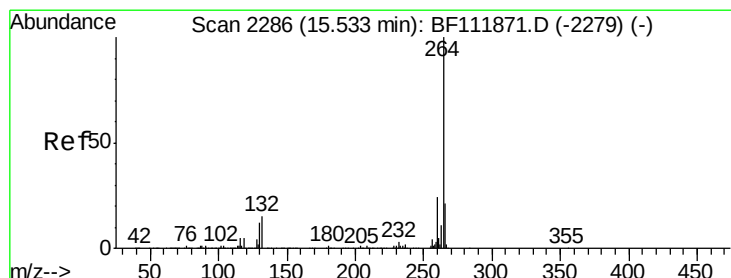
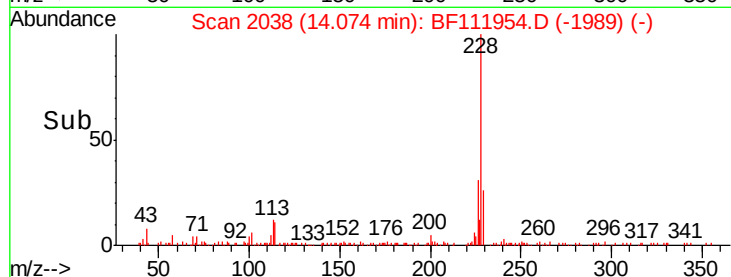
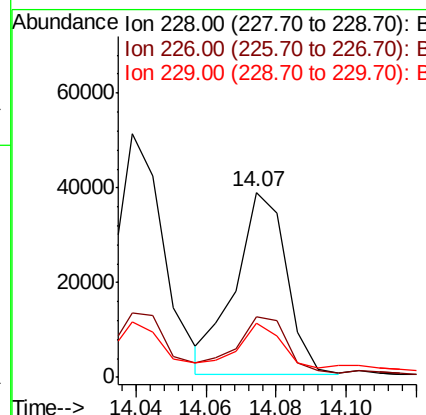
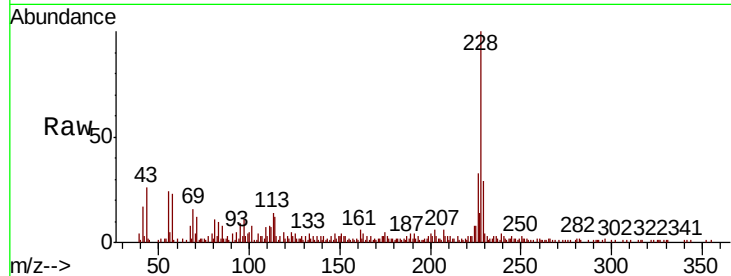
#83
Chrysene
Concen: 2.213 ng/ml
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
JC-03-010819-H

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.6	37.0
229	29.1	15.7	23.5

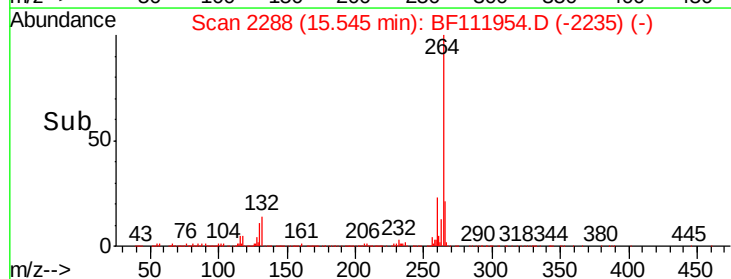
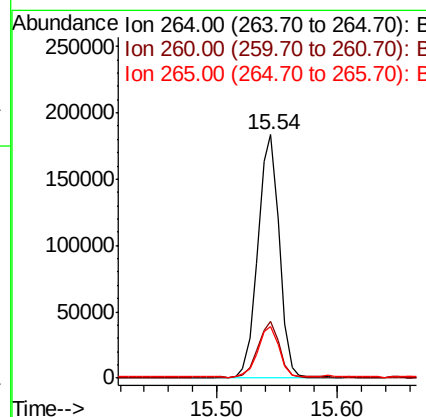
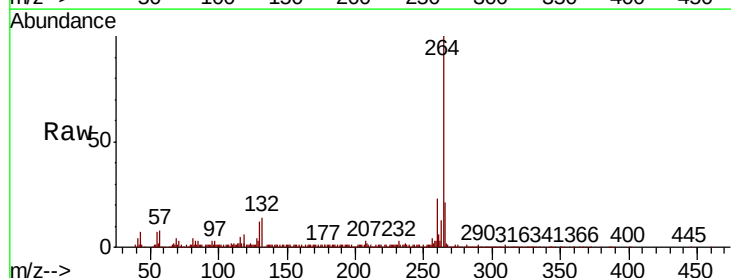
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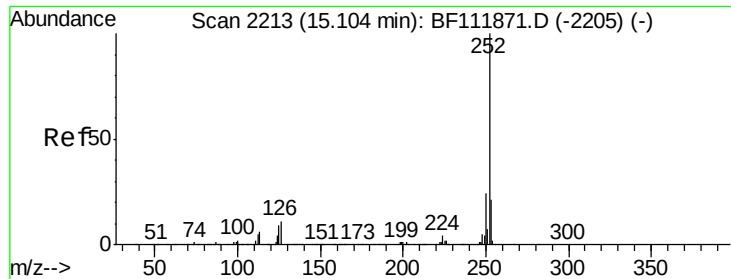
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.0	17.1	25.7





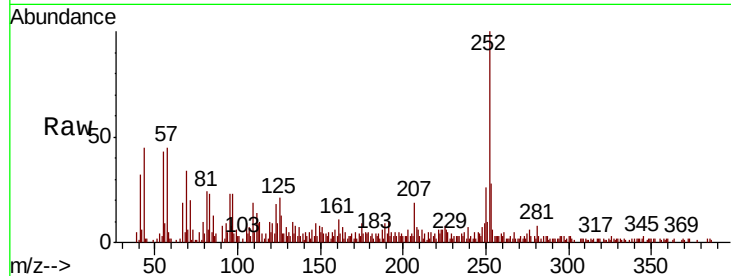
#88
Benzo(b)fluoranthene
Concen: 2.678 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :
JC-03-010819-H

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.0	25.6#
125	20.5	7.1	10.7#

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1/10/2019 11:46:00 AM

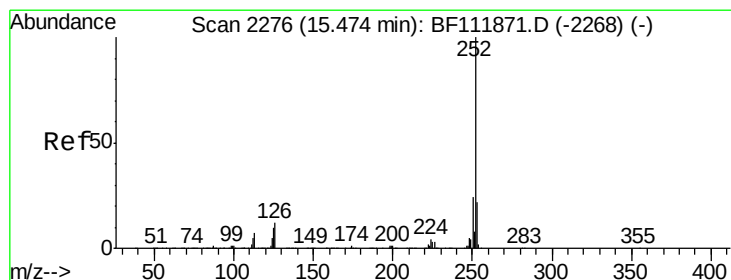
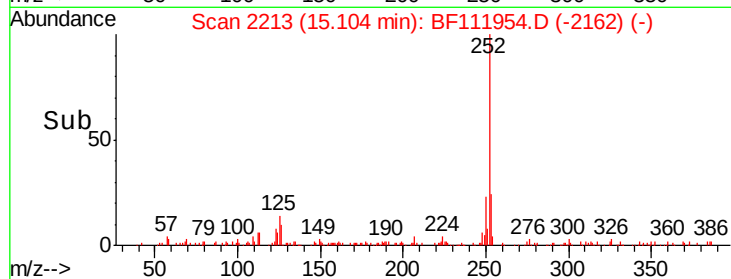
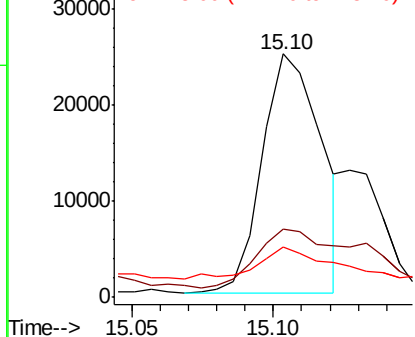


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.208 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.2
125	18.3	7.9	11.9#

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

