

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112533.D
 Acq On : 13 Feb 2019 12:32
 Operator : JU/SJ
 Sample : K1343-13 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-G

Manual Integrations
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Sohil
 2/14/2019 11:36:07 AM

Quant Time: Feb 14 06:16:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93515	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	350376	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	152440	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	256769	20.00	ng	0.00
76) Chrysene-d12	14.01	240	225309	20.00	ng	0.00
87) Perylene-d12	15.49	264	232593	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	286735	65.13	ng	-0.01
7) Phenol-d6	6.48	99	358482	58.60	ng	-0.01
23) Nitrobenzene-d5	7.40	82	221837	36.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	86373	48.68	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	420742	39.04	ng	-0.02
79) Terphenyl-d14	12.94	244	364415	30.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	34653	2.926	ng	Qvalue # 98
71) Phenanthrene	11.39	178	66871	5.009	ng	98
75) Fluoranthene	12.58	202	93476	6.529	ng	98
78) Pyrene	12.82	202	90123	5.777	ng	95
81) Benzo(a)anthracene	14.00	228	43684	3.298	ng	97
83) Chrysene	14.04	228	42724m	3.379	ng	
88) Benzo(b)fluoranthene	15.06	252	55159m	3.965	ng	
90) Benzo(a)pyrene	15.43	252	38303	3.060	ng	# 85
92) Benzo(g,h,i)perylene	17.46	276	19638	2.063	ng	# 83

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

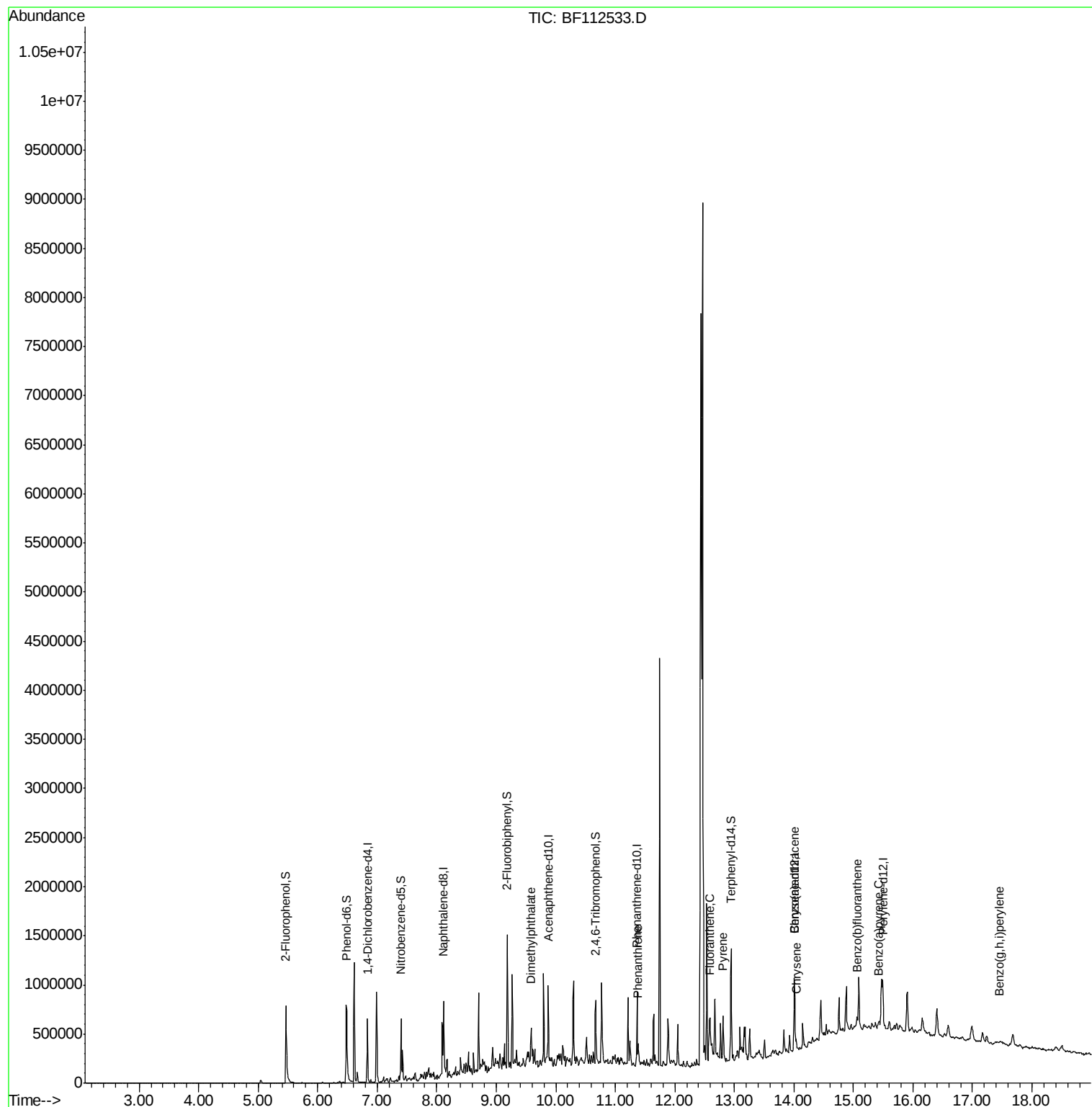
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112533.D
Acq On : 13 Feb 2019 12:32
Operator : JU/SJ
Sample : K1343-13 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

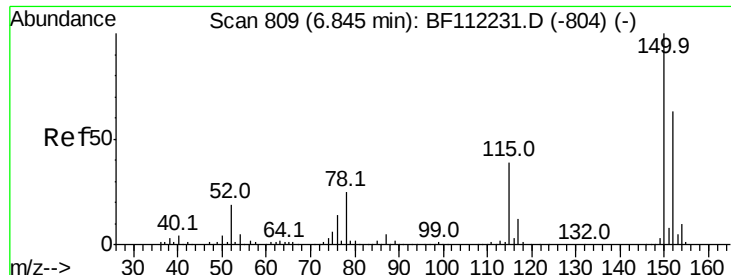
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

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Quant Time: Feb 14 06:16:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

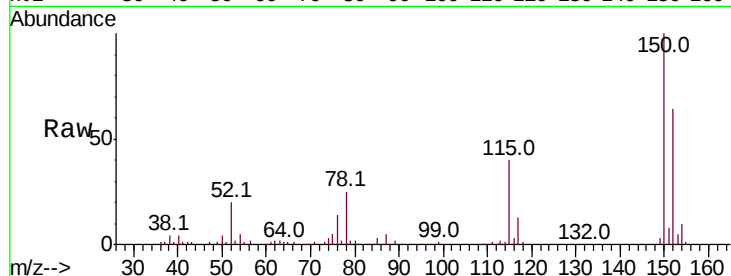
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.0
115	62.2	45.5	68.3

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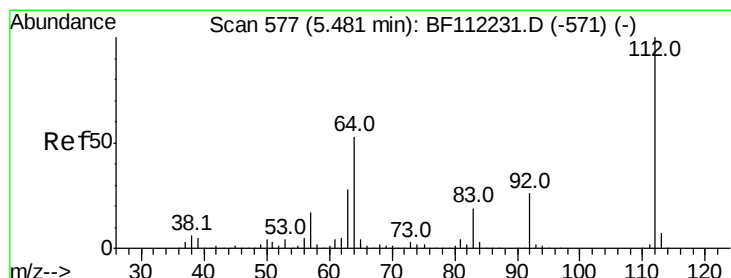
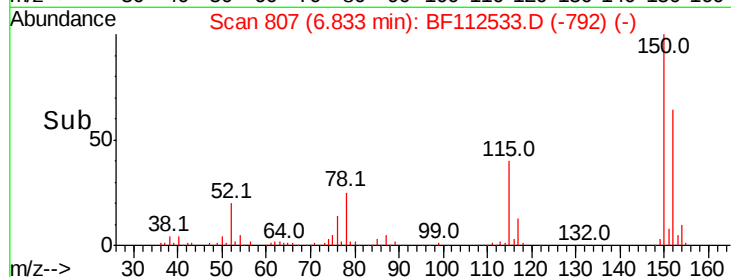
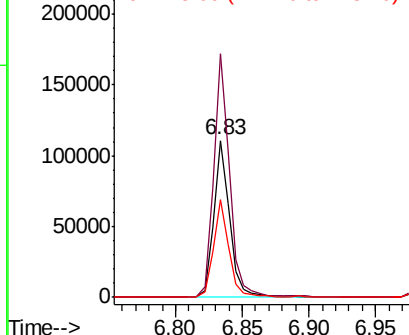


Abundance

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: 65.128 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

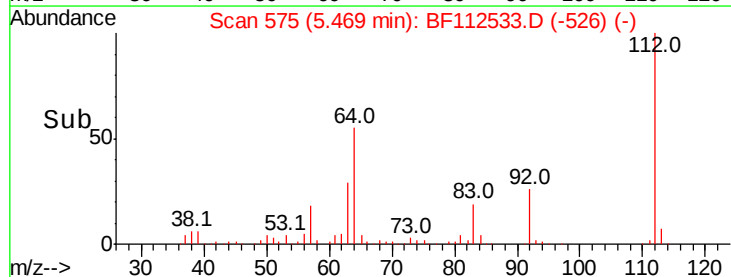
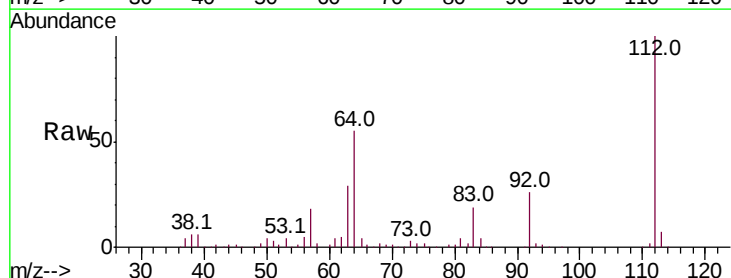
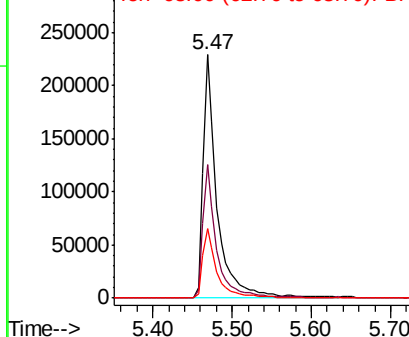
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.7	68.5
63	28.6	23.6	35.4

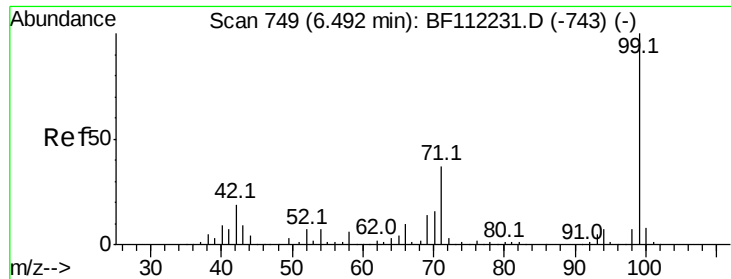
Abundance

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: 58.598 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112533.D

Acq: 13 Feb 2019 12:32

Instrument :

BNA_F

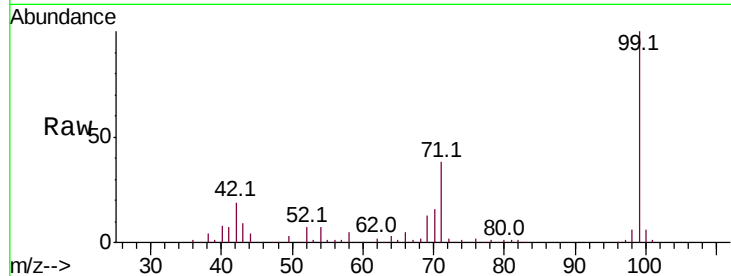
ClientSampleId :

JC-02-021119-G

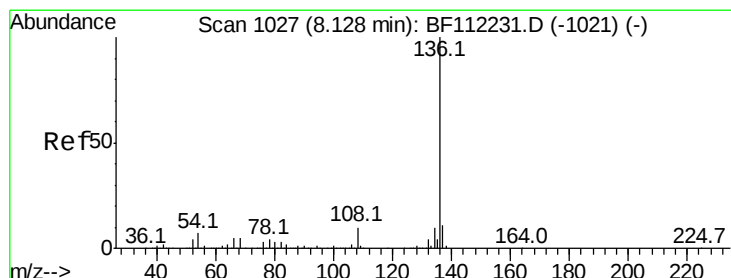
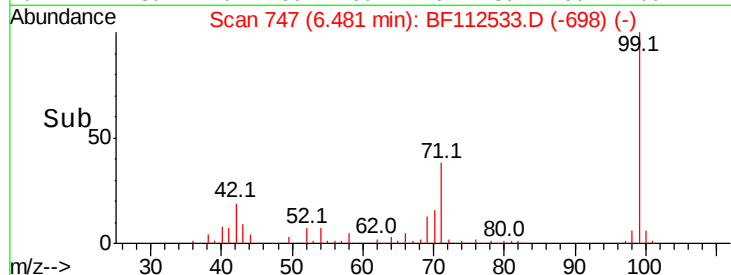
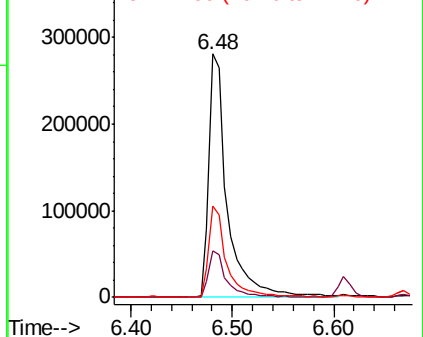
Tot Ion:	99	Resp:	358482
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.1	22.7
71	37.6	26.9	40.3

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

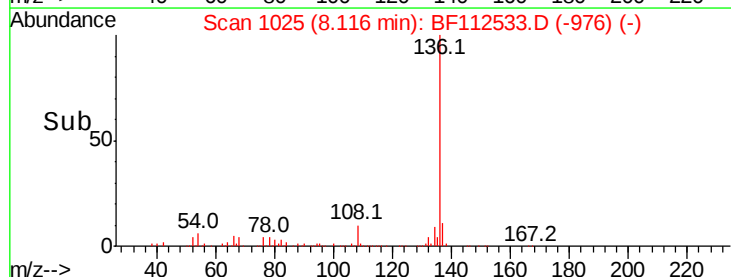
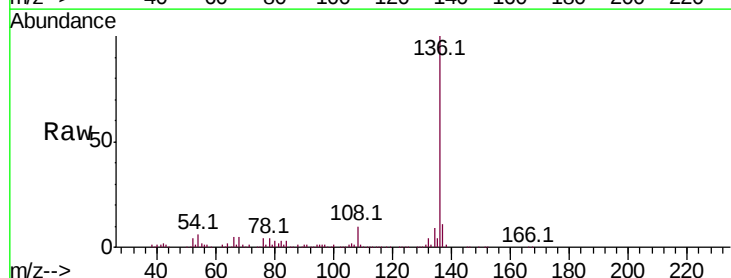
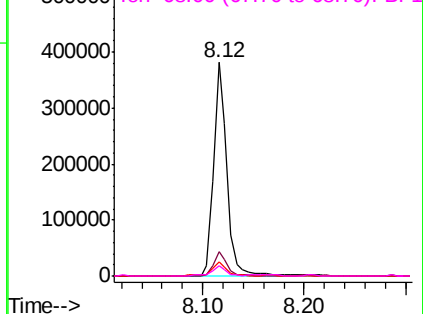
Delta R.T. -0.01 min

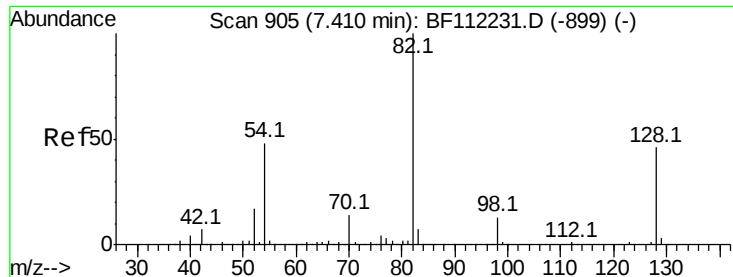
Lab File: BF112533.D

Acq: 13 Feb 2019 12:32

Tgt Ion:	136	Resp:	350376
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	6.3	5.9	8.9
68	4.6	5.1	7.7#

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





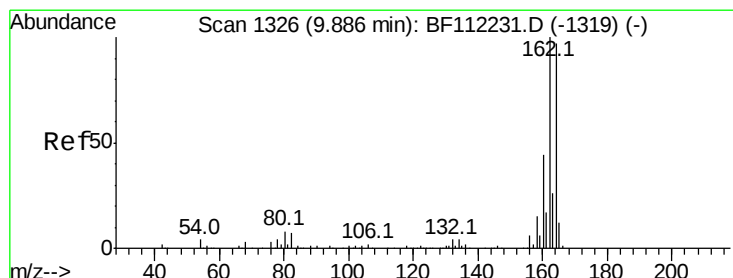
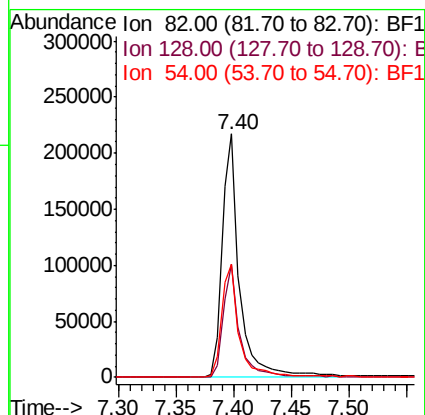
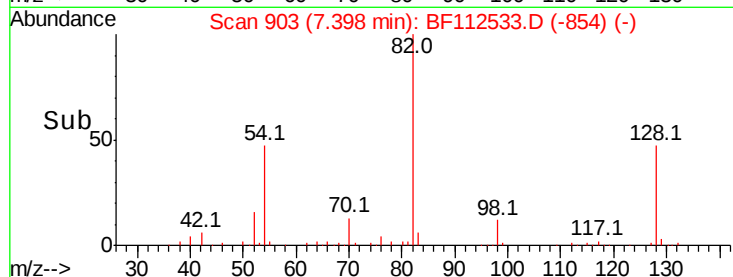
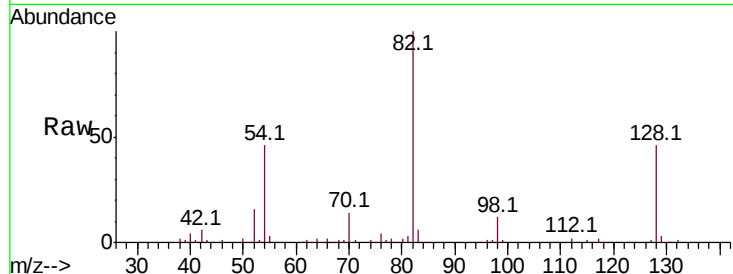
#23
 Nitrobenzene-d5
 Concen: 36.481 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112533.D
 Acq: 13 Feb 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-G

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.8	56.8
54	46.5	39.7	59.5

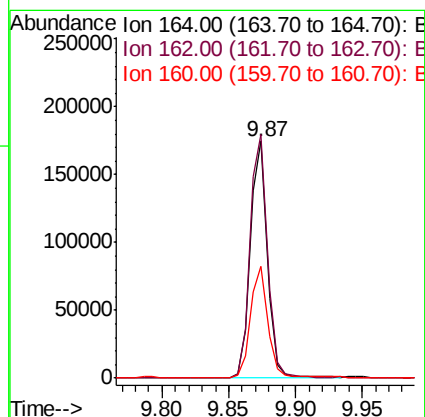
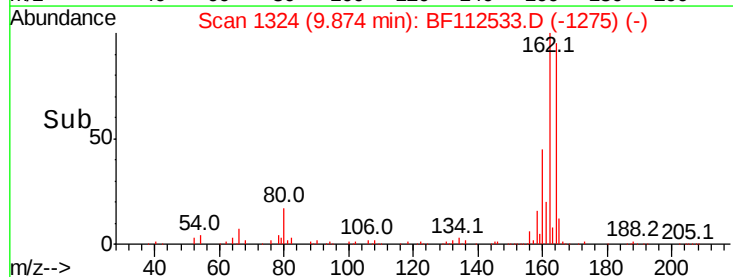
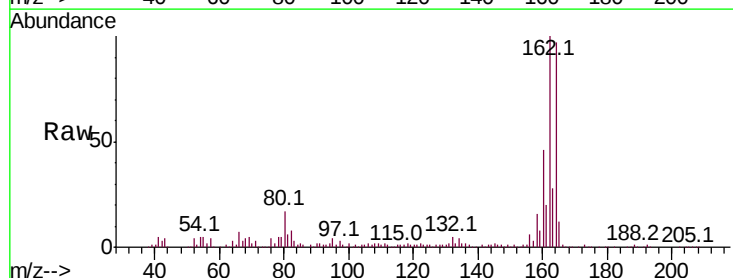
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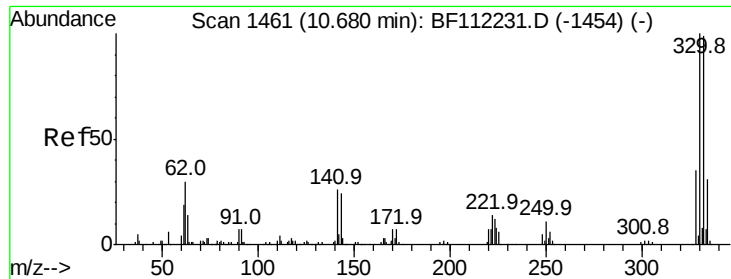
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112533.D
 Acq: 13 Feb 2019 12:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.4
160	47.3	36.2	54.4





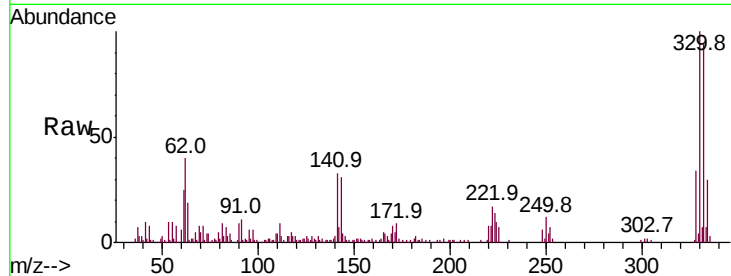
#42
 2,4,6-Tribromophenol
 Concen: 48.678 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112533.D
 Acq: 13 Feb 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-G

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	114.8
141	32.9	24.3	36.5

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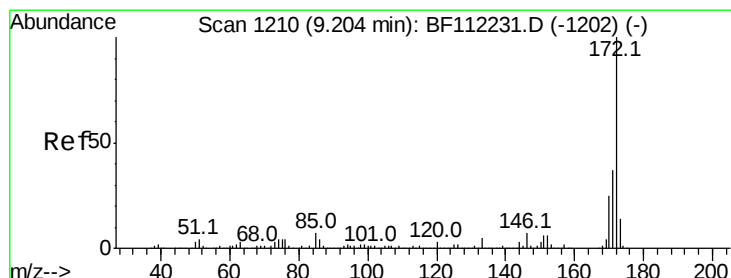
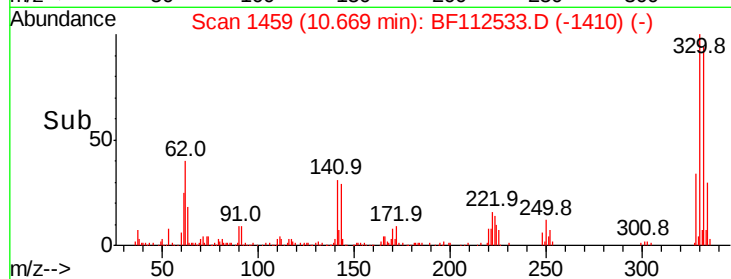
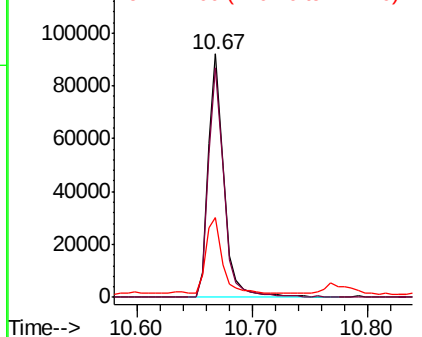


Abundance

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: 39.036 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112533.D
 Acq: 13 Feb 2019 12:32

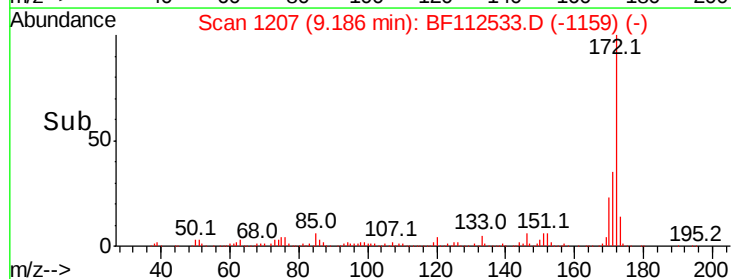
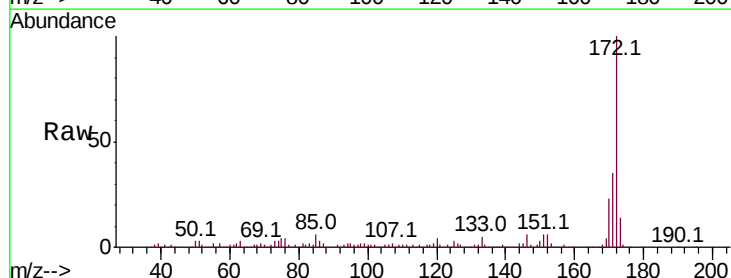
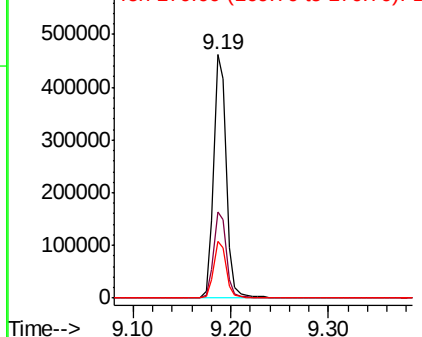
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.5	45.7
170	23.3	20.2	30.4

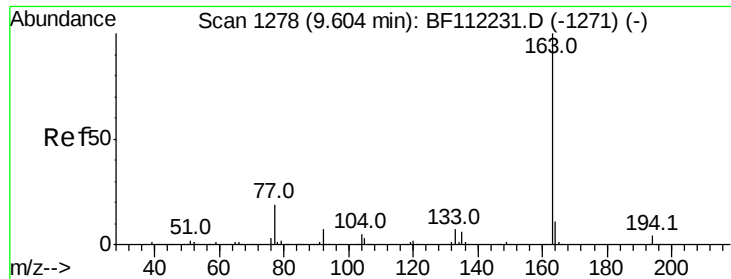
Abundance

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





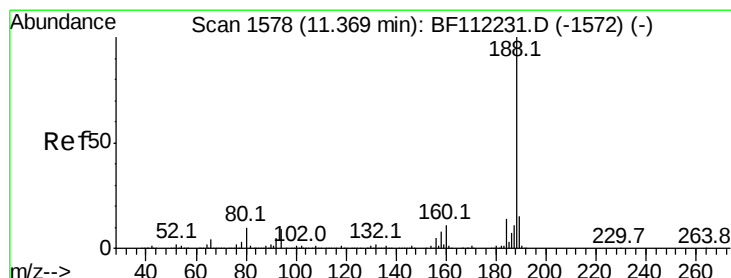
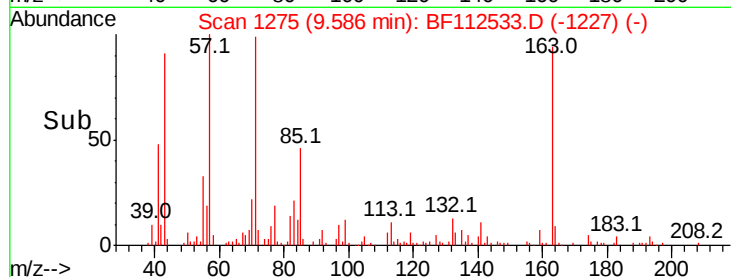
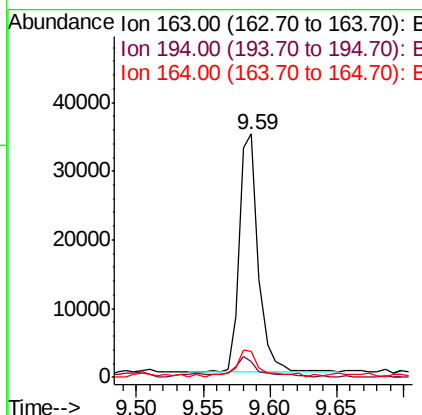
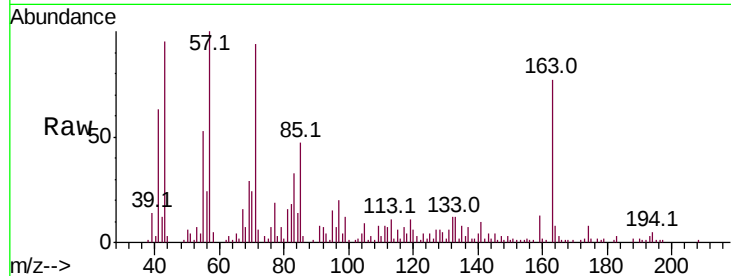
#50
Dimethylphthalate
Concen: 2.926 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tot Ion	Ratio	Resp	Lower	Upper
163	100	34653		
194	6.3	3.3	4.9#	
164	10.9	8.5	12.7	

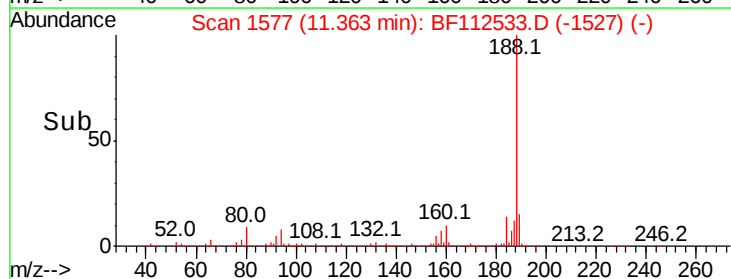
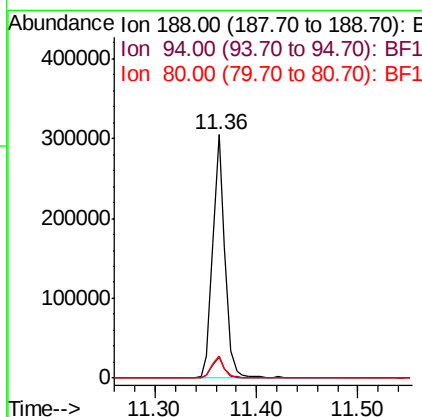
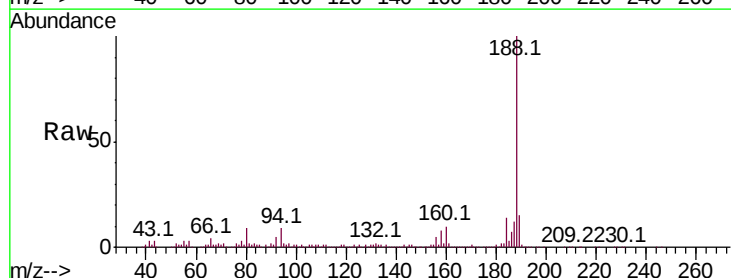
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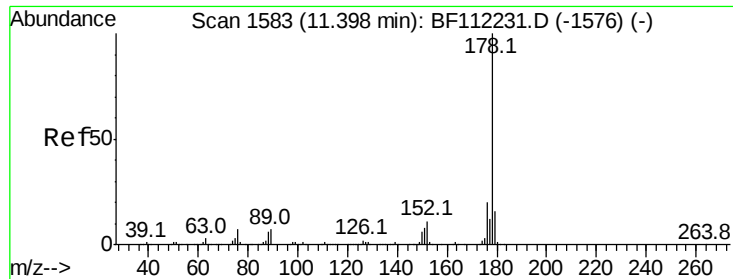
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	256769		
94	8.5	8.2	12.2	
80	9.0	8.9	13.3	





#71

Phenanthrene

Concen: 5.009 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF112533.D

Acq: 13 Feb 2019 12:32

Instrument :

BNA_F

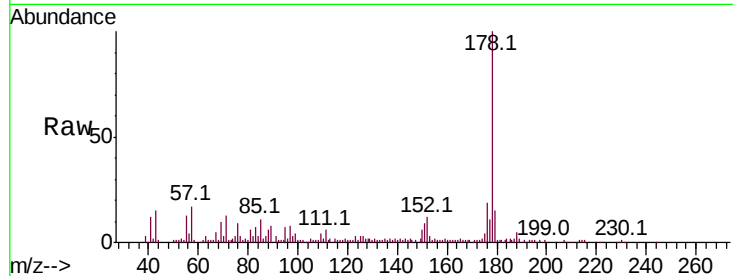
ClientSampleId :

JC-02-021119-G

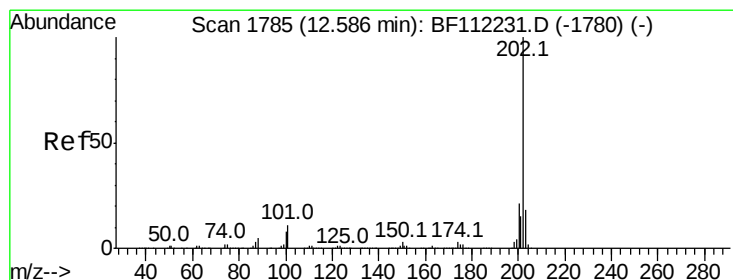
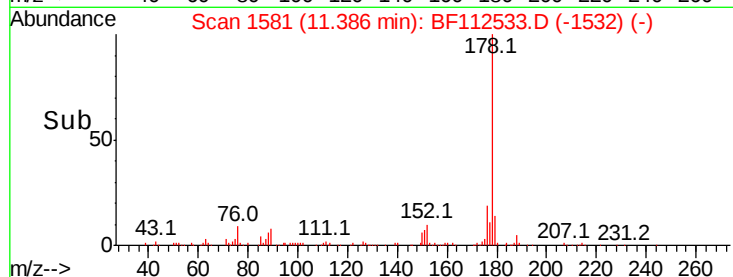
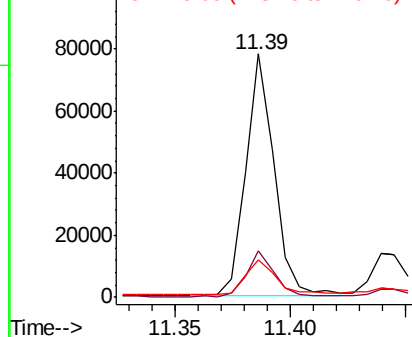
Tot Ion:	178	Resp:	66871
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.3	24.5
179	15.3	13.0	19.4

Manual Integrations
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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



#75

Fluoranthene

Concen: 6.529 ng

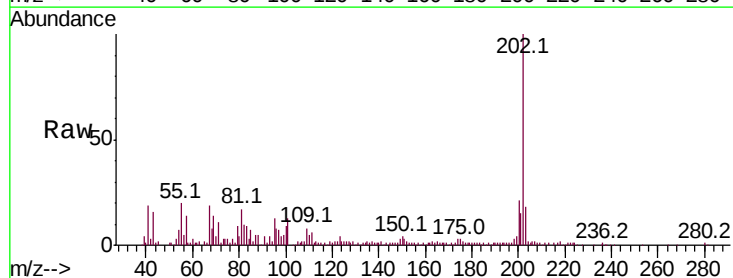
RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

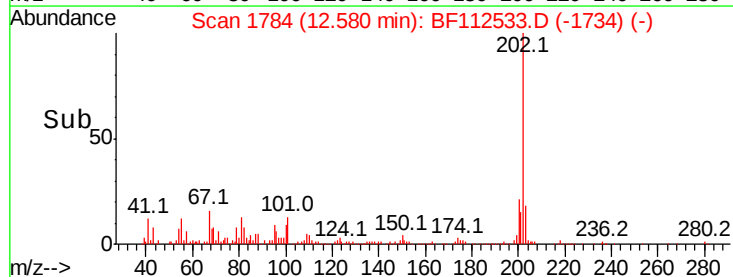
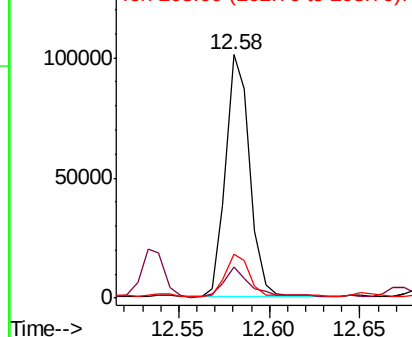
Lab File: BF112533.D

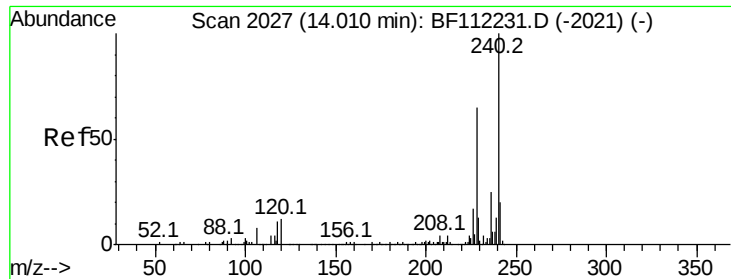
Acq: 13 Feb 2019 12:32

Tgt Ion:	202	Resp:	93476
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	31.8
203	18.1	0.0	38.4



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





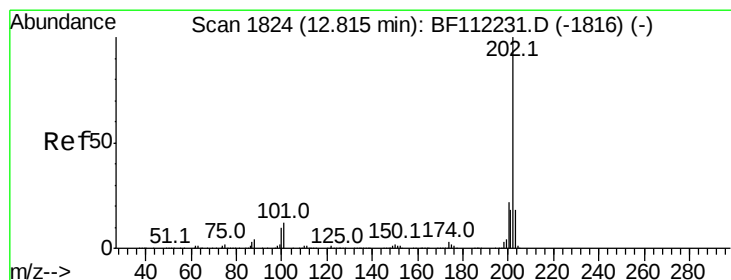
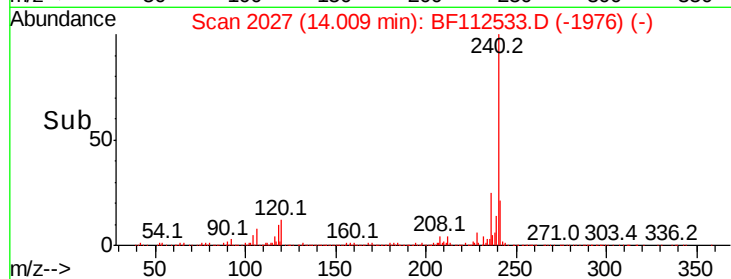
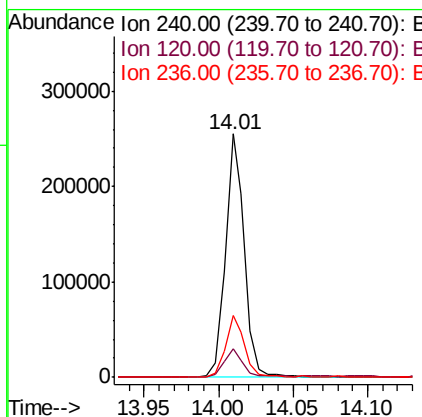
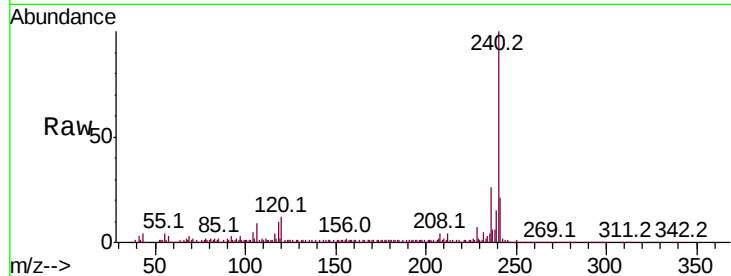
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.0	13.6
236	25.6	20.7	31.1

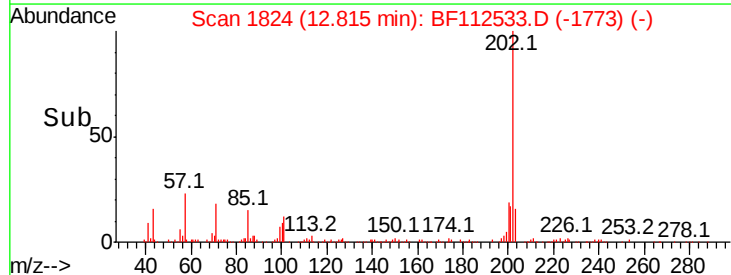
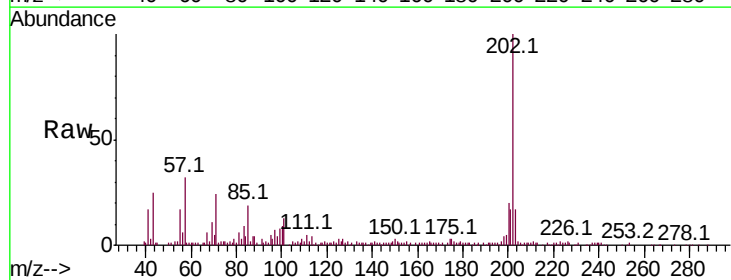
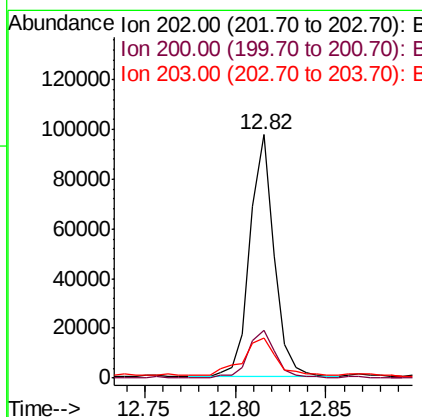
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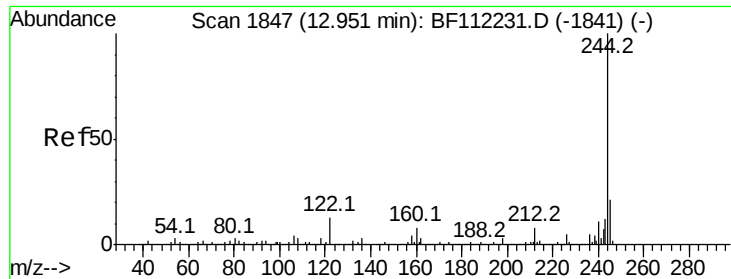
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#78
Pyrene
Concen: 5.777 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.7	26.5
203	16.7	14.6	22.0





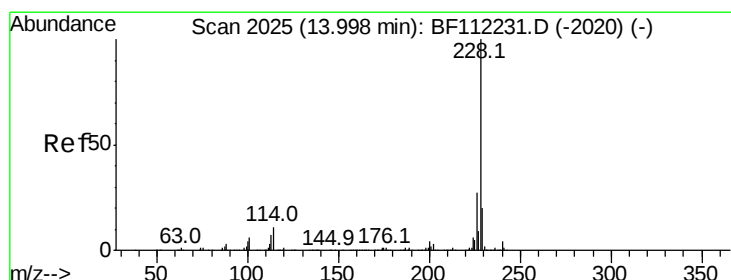
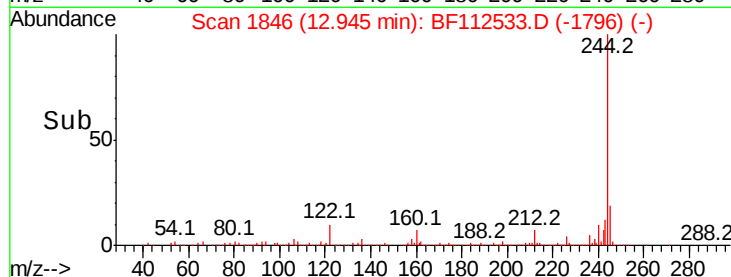
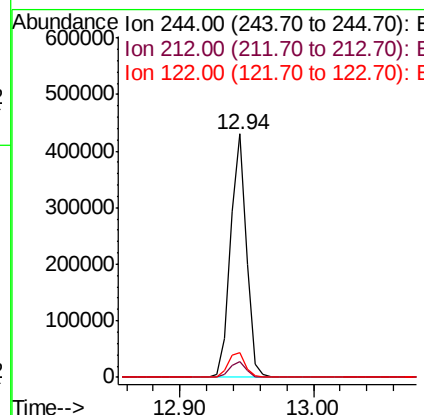
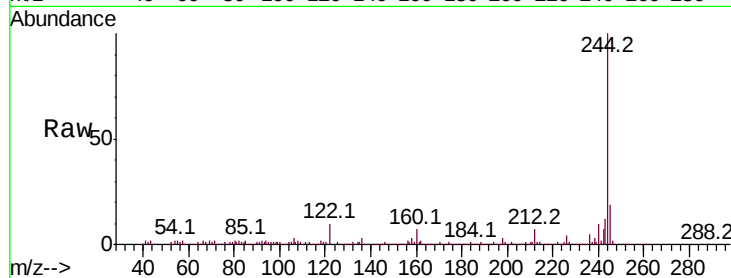
#79
 Terphenyl-d14
 Concen: 30.463 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112533.D
 Acq: 13 Feb 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-G

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	10.2	9.8	14.6

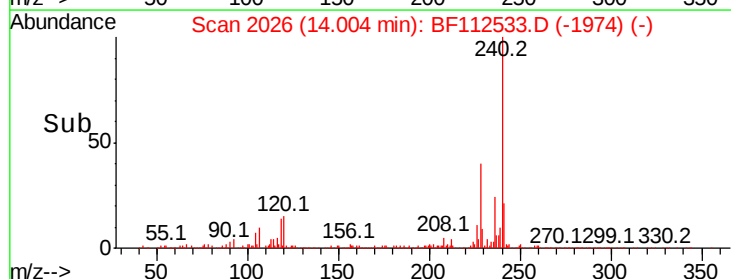
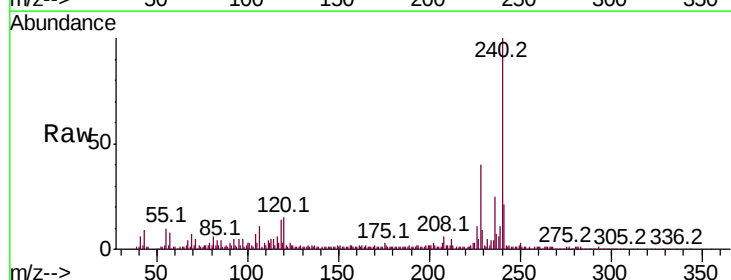
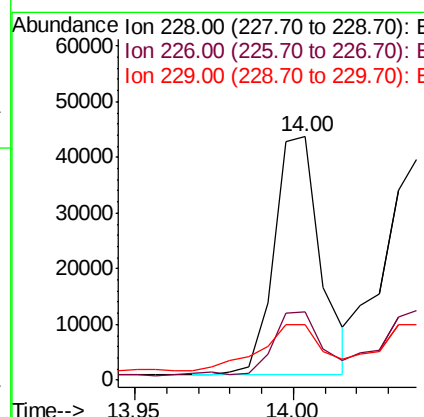
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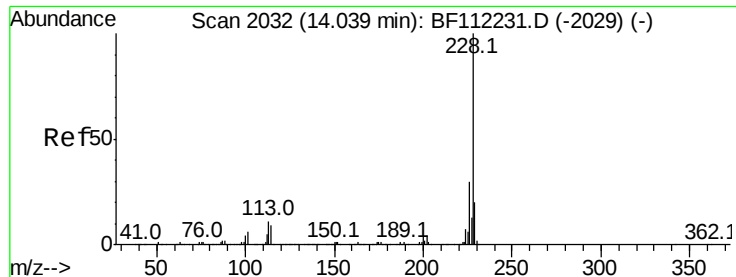
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#81
 Benzo(a)anthracene
 Concen: 3.298 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF112533.D
 Acq: 13 Feb 2019 12:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	23.0	16.5	24.7





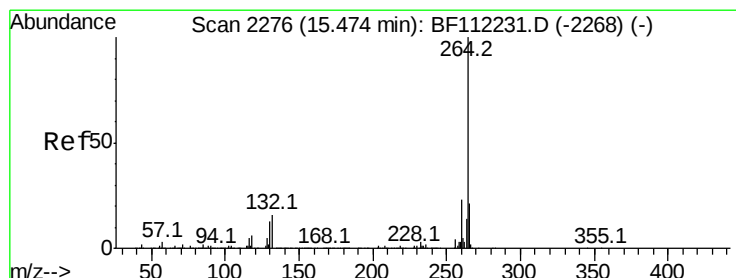
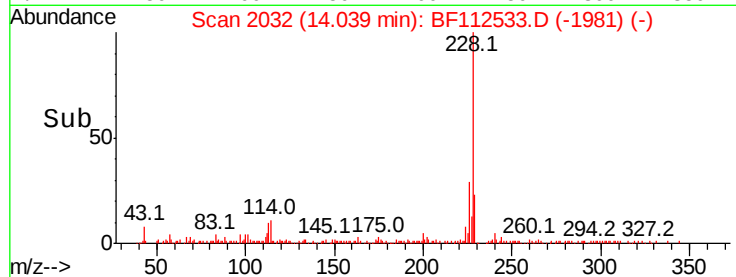
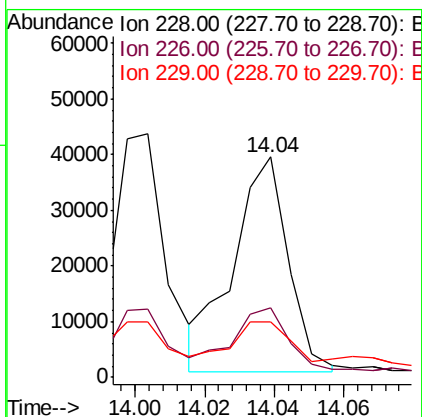
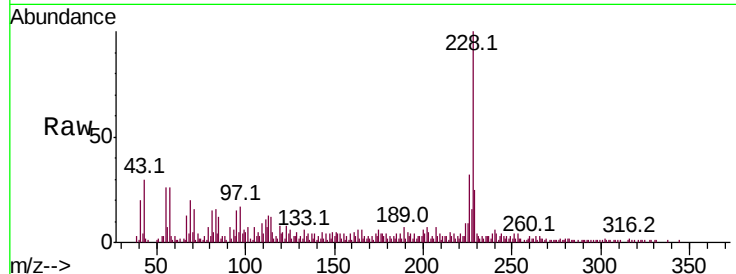
#83
Chrysene
Concen: 3.379 ng/ml
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	25.3	16.6	24.8

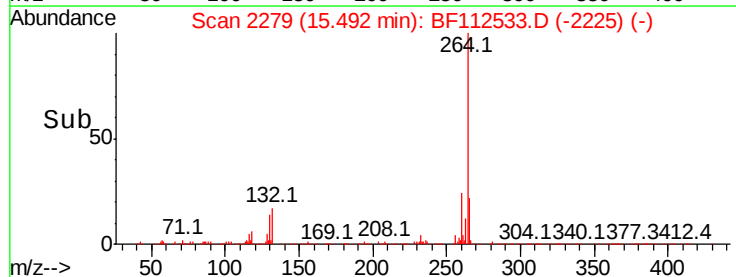
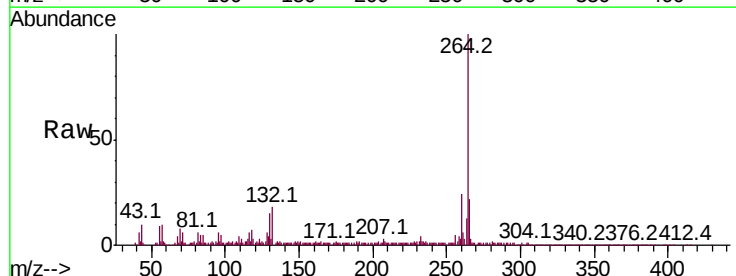
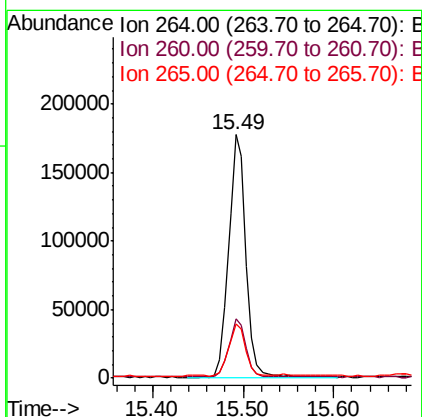
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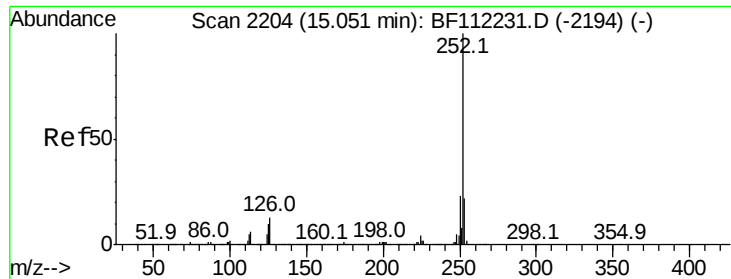
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.2
265	22.4	17.0	25.4





#88

Benzo(b)fluoranthene

Concen: 3.965 ng/mL

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF112533.D

Acq: 13 Feb 2019 12:32

Instrument :

BNA_F

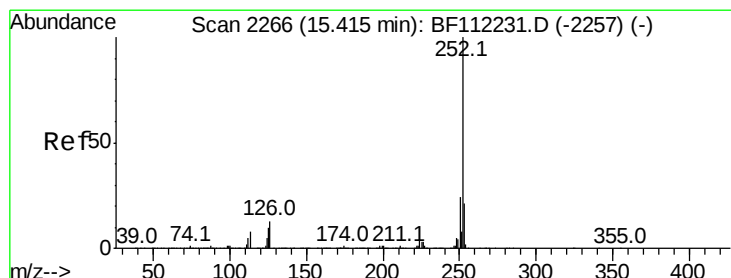
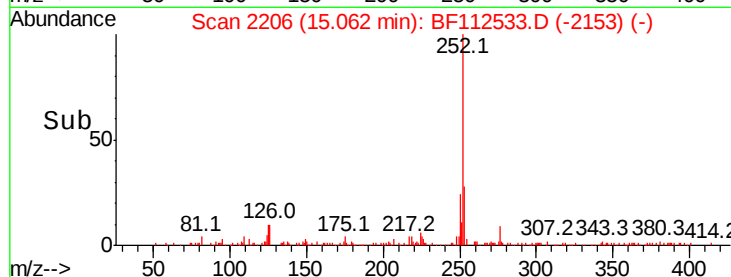
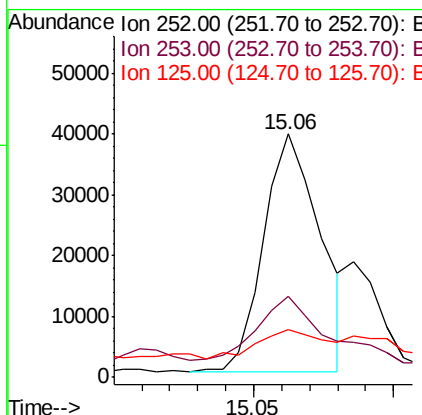
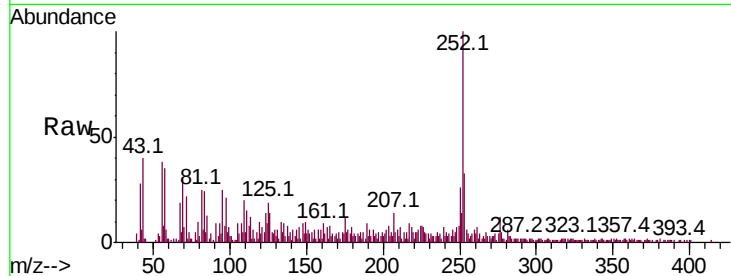
ClientSampleId :

JC-02-021119-G

Tot Ion:	252	Resp:	55159
Ion Ratio	Lower	Upper	
252	100		
253	33.2	18.0	27.0#
125	19.4	8.7	13.1#

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#90

Benzo(a)pyrene

Concen: 3.060 ng/mL

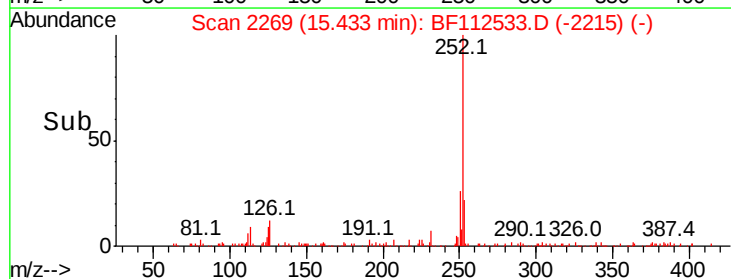
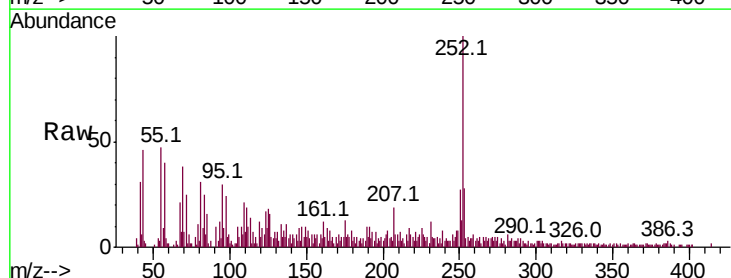
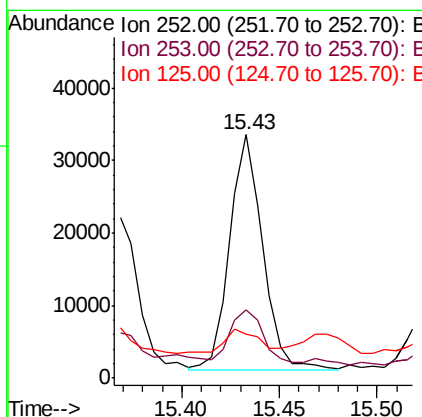
RT: 15.43 min Scan# 2269

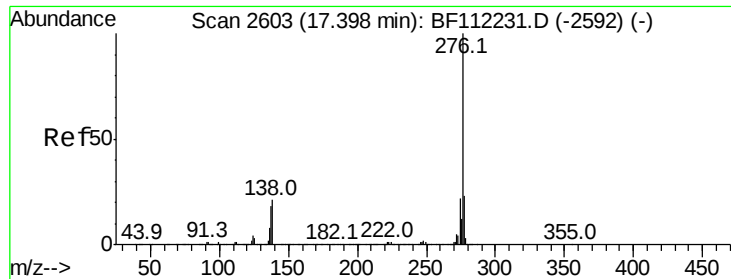
Delta R.T. 0.02 min

Lab File: BF112533.D

Acq: 13 Feb 2019 12:32

Tgt Ion:	252	Resp:	38303
Ion Ratio	Lower	Upper	
252	100		
253	28.2	17.5	26.3#
125	18.2	9.0	13.4#





#92
 Benzo(a,h,i)perylene
 Concen: 2.063 ng
 RT: 17.46 min Scan# 2613
 Delta R.T. 0.06 min
 Lab File: BF112533.D
 Acq: 13 Feb 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-G

Tot Ion	Ratio	Lower	Upper
276	100		
277	35.2	19.4	29.0#
138	29.7	19.1	28.7#

Manual Integrations
 APPROVED

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