

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114049.D
 Acq On : 30 Apr 2019 18:23
 Operator : JU/SJ
 Sample : K2194-13 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-G

Manual Integrations
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 5/1/2019 11:58:57 AM

Quant Time: May 01 05:51:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	142113	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	433140	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	212239	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	489288	20.00	ng	0.00
76) Chrysene-d12	14.06	240	268080	20.00	ng	0.00
87) Perylene-d12	15.55	264	232469	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	338906	40.79	ng	0.00
7) Phenol-d6	6.52	99	557208	53.45	ng	0.00
23) Nitrobenzene-d5	7.45	82	246162	35.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	129535	50.10	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	532097	39.21	ng	0.00
79) Terphenyl-d14	13.01	244	709689	54.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	73239	4.771	ng	Qvalue # 98
71) Phenanthrene	11.44	178	82315	3.348	ng	98
75) Fluoranthene	12.63	202	115044	4.288	ng	99
78) Pyrene	12.87	202	126642	6.755	ng	98
81) Benzo(a)anthracene	14.05	228	39372	2.493	ng	# 83
83) Chrysene	14.09	228	41573	2.703	ng	# 85
88) Benzo(b)fluoranthene	15.12	252	41500m	2.822	ng	
90) Benzo(a)pyrene	15.49	252	27665	2.175	ng	# 56

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

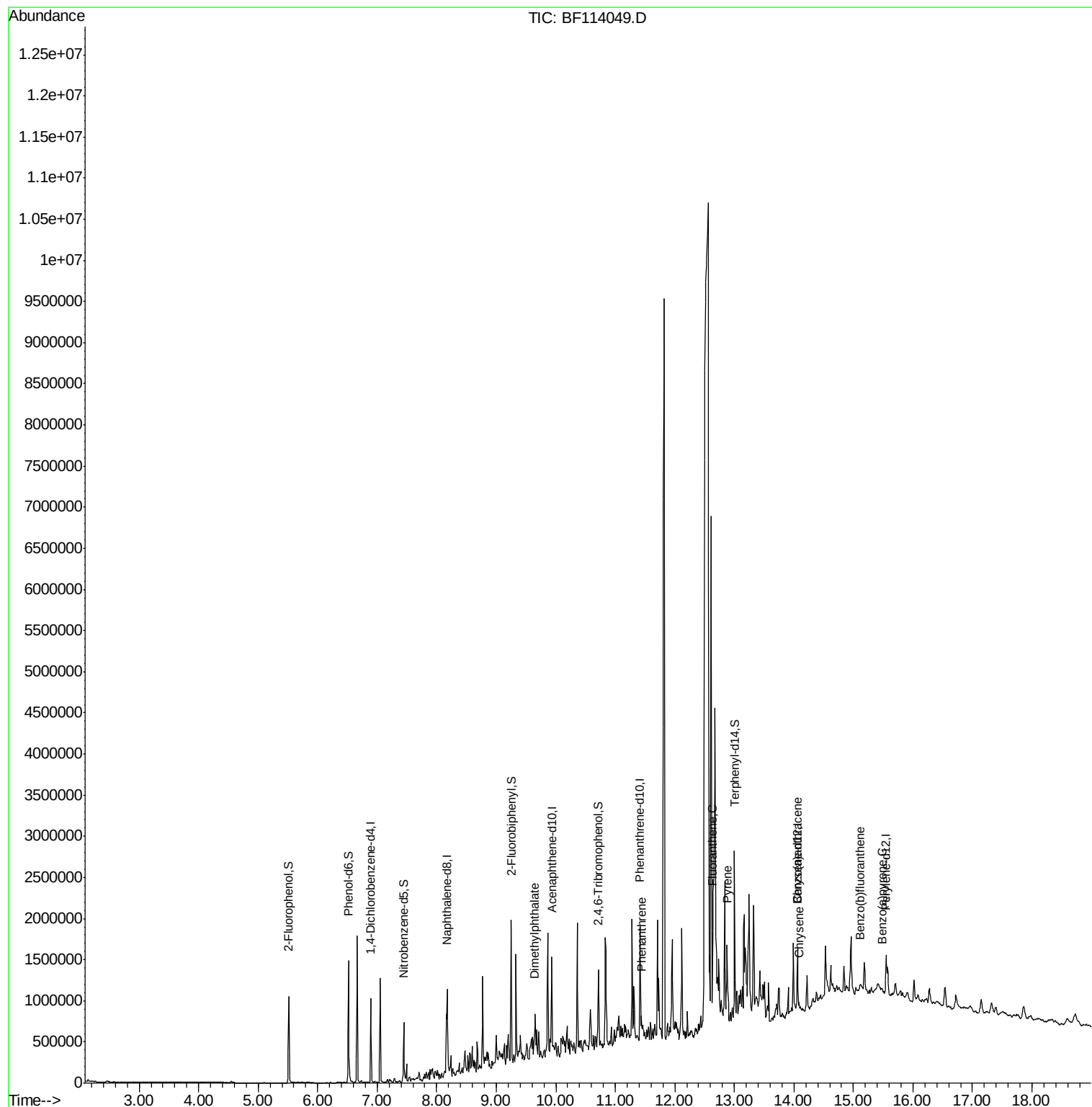
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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Sample : K2194-13 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

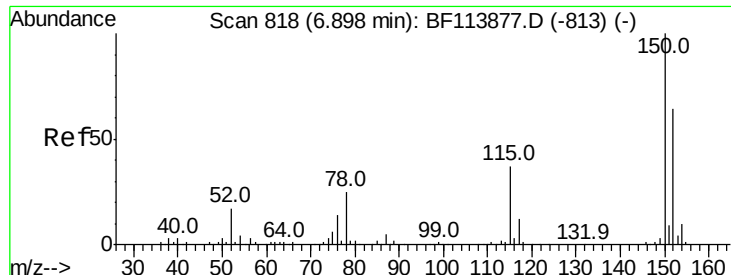
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-G

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
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#1

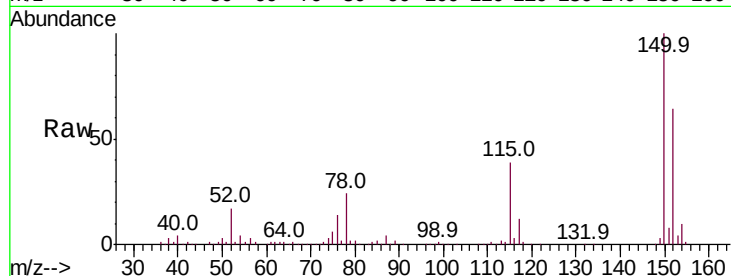
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114049.D
Acq: 30 Apr 2019 18:23

Instrument :
BNA_F
ClientSampled :
JC-03-042919-G

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.9	188.9
115	60.4	45.9	68.9

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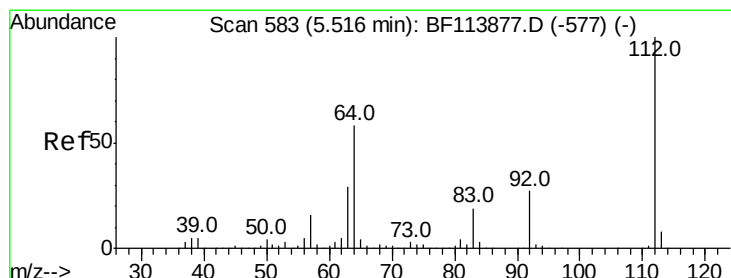
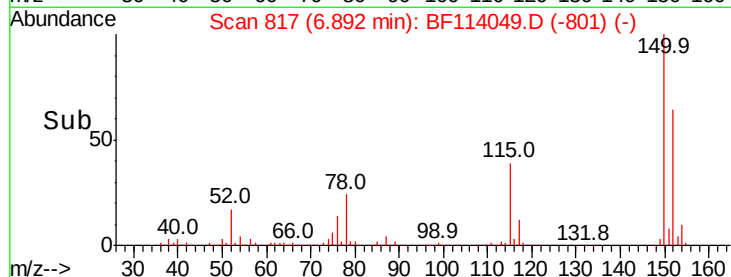
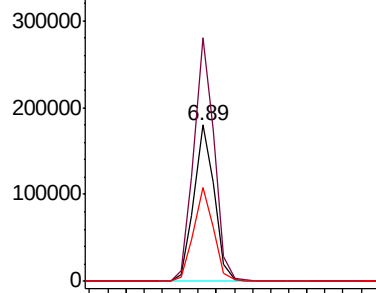


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

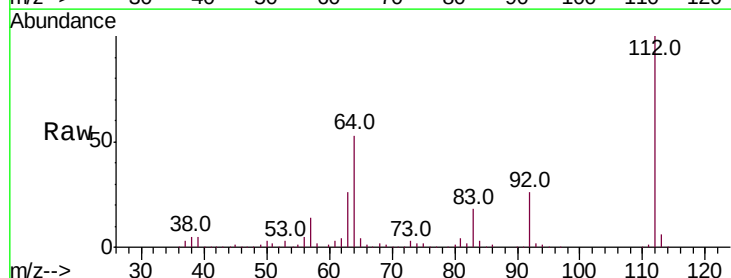
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.788 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF114049.D
Acq: 30 Apr 2019 18:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	46.6	69.8
63	26.4	23.1	34.7

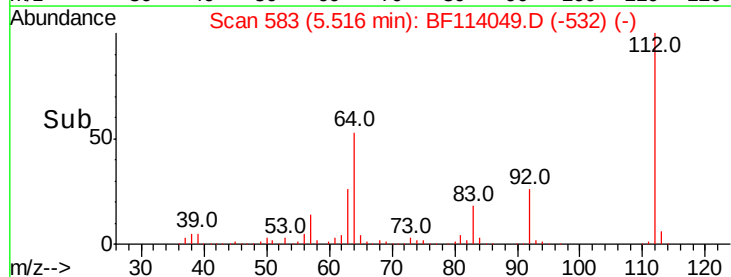
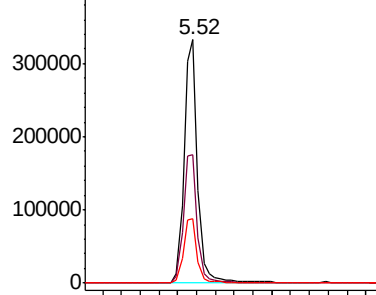


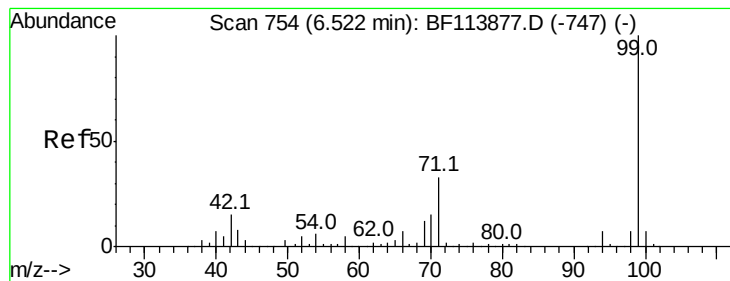
Abundance

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: 53.451 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114049.D

Acq: 30 Apr 2019 18:23

Instrument :

BNA_F

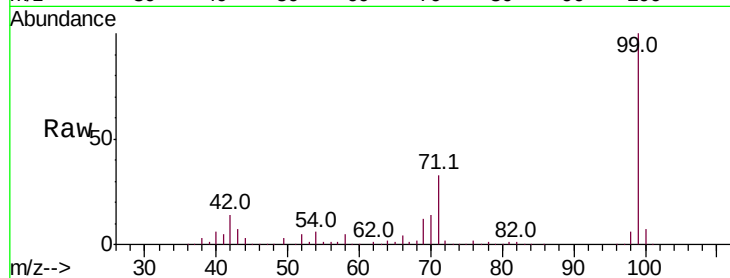
ClientSampleId :

JC-03-042919-G

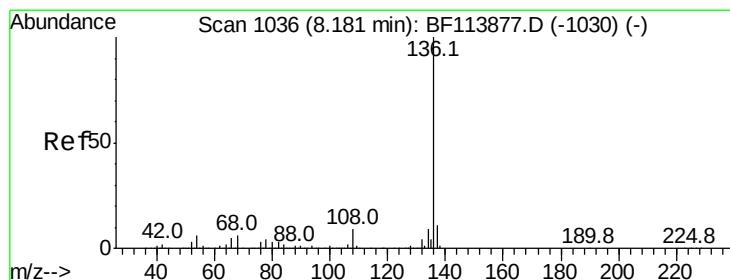
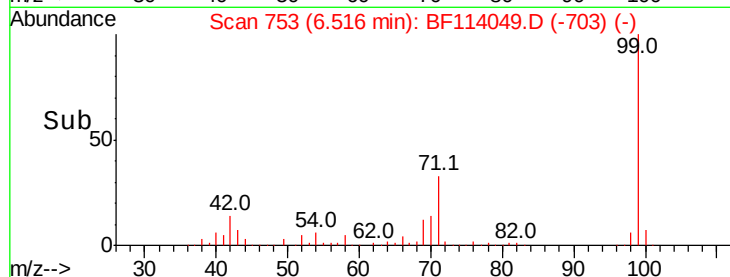
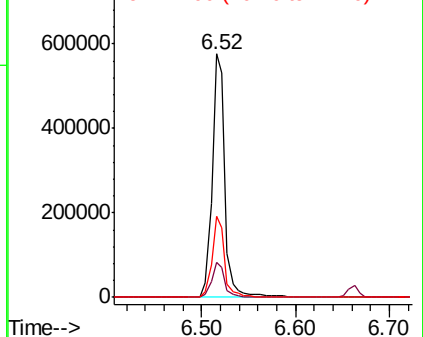
Tot Ion	Ratio	Resp	Lower	Upper
99	100	557208		
42	14.3		12.5	18.7
71	33.5		26.9	40.3

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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: 8.17 min Scan# 1035

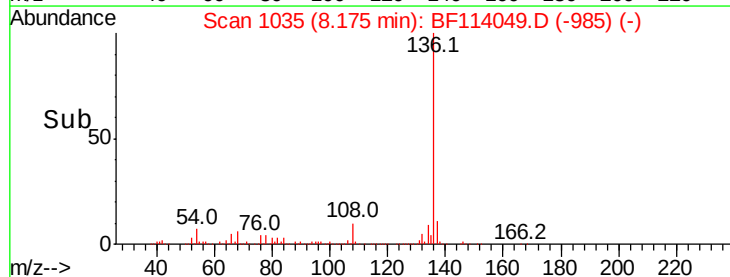
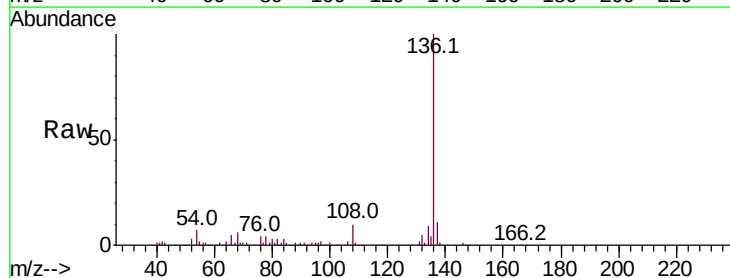
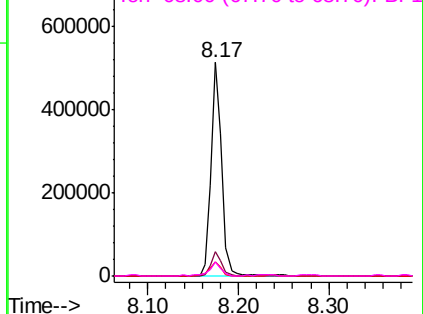
Delta R.T. -0.01 min

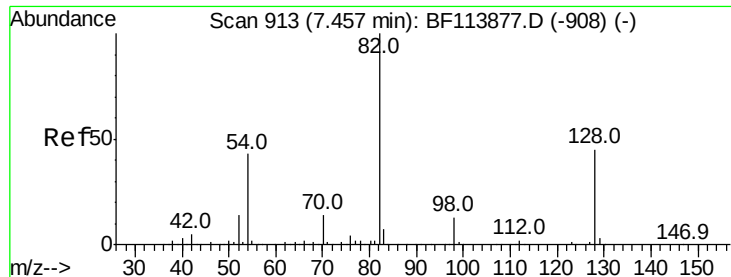
Lab File: BF114049.D

Acq: 30 Apr 2019 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	433140		
137	11.1		8.6	12.8
54	6.6		5.0	7.6
68	6.5		4.9	7.3

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





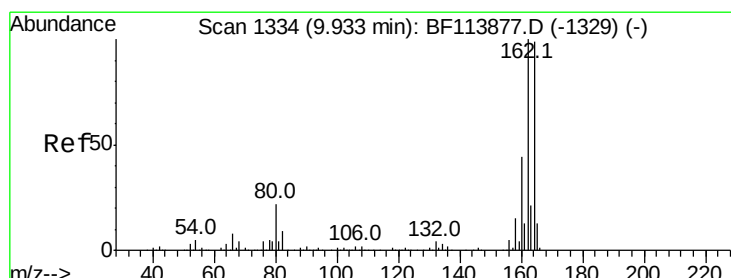
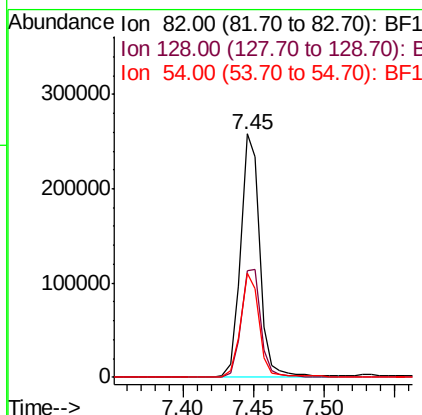
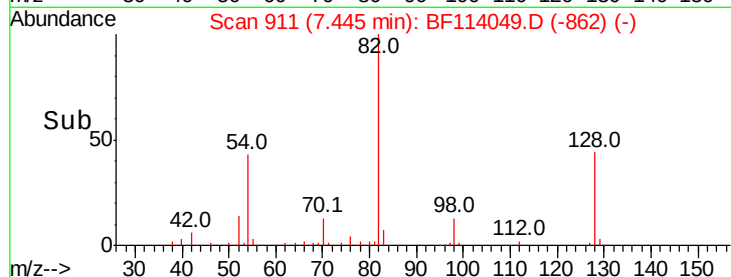
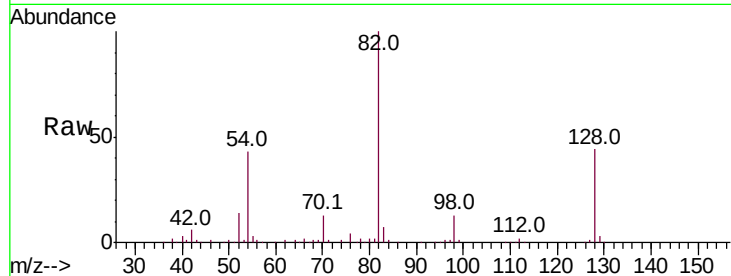
#23
Nitrobenzene-d5
Concen: 35.090 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF114049.D
Acq: 30 Apr 2019 18:23

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.6	36.8	55.2	
54	43.0	33.8	50.6	

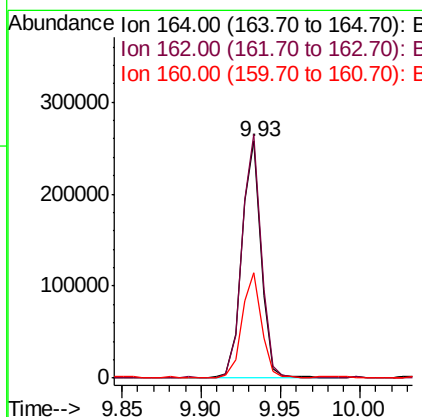
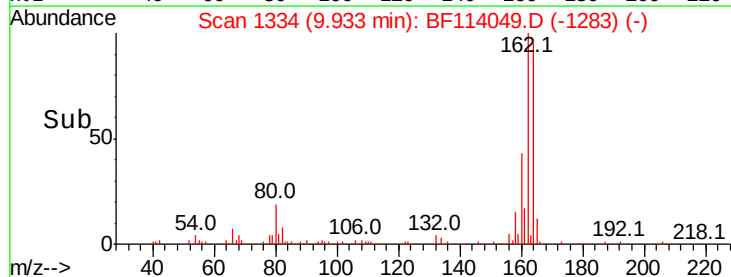
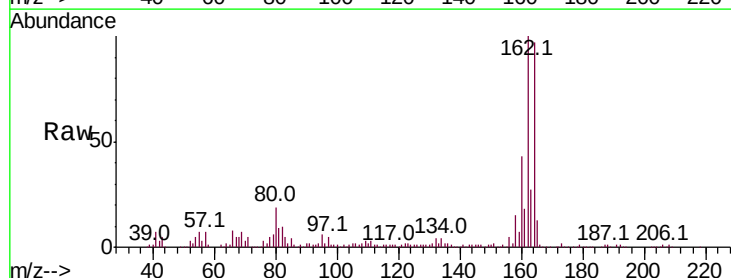
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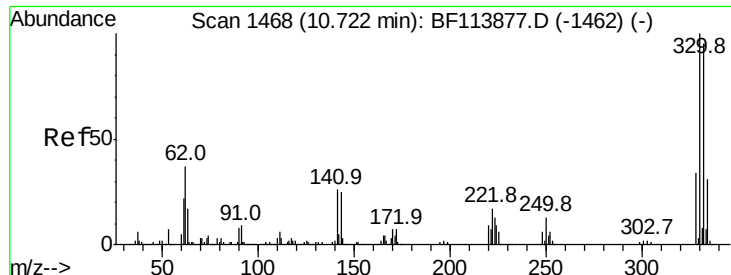
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF114049.D
Acq: 30 Apr 2019 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	81.1	121.7	
160	44.3	35.8	53.6	





#42

2,4,6-Tribromophenol

Concen: 50.100 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF114049.D

Acq: 30 Apr 2019 18:23

Instrument :

BNA_F

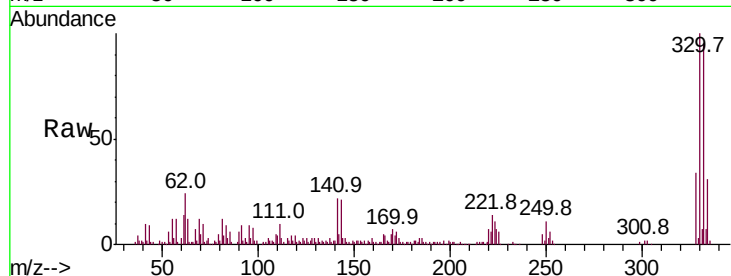
ClientSampleId :

JC-03-042919-G

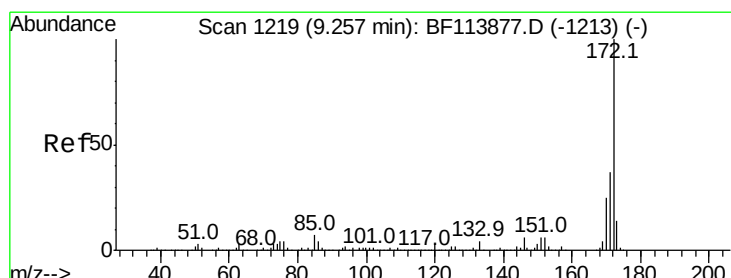
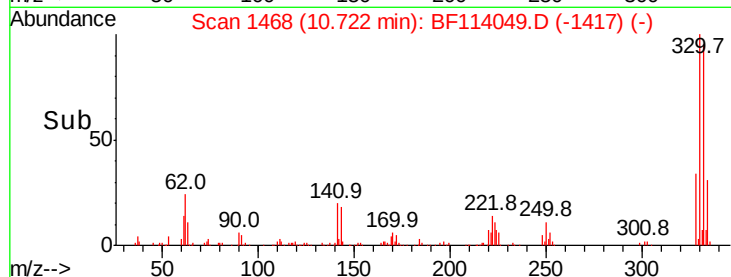
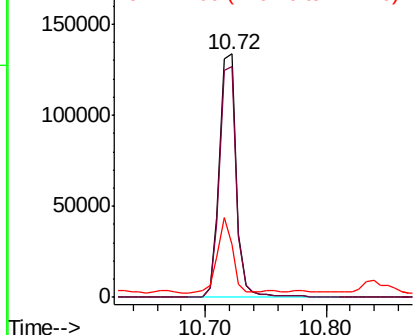
Tot Ion:	330	Resp:	129535
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.5	116.3
141	27.3	22.2	33.2

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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: 39.211 ng

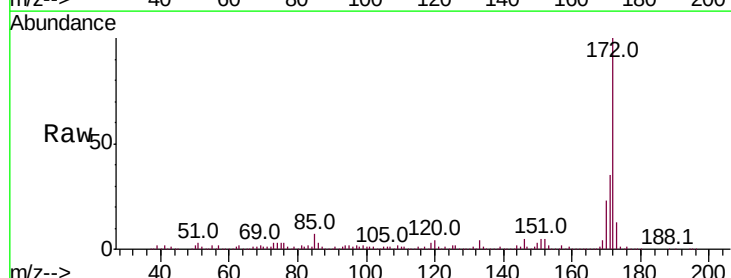
RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

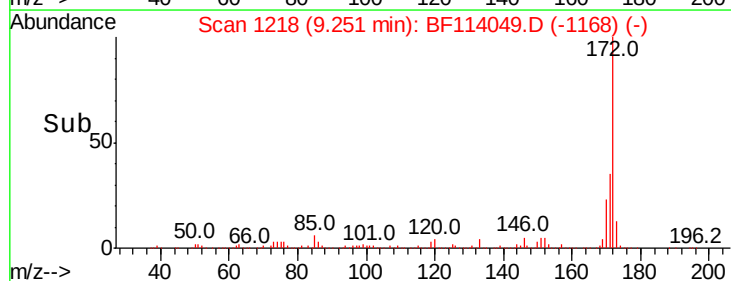
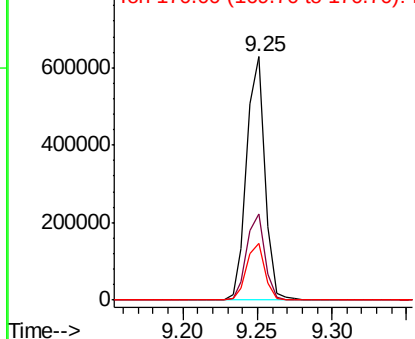
Lab File: BF114049.D

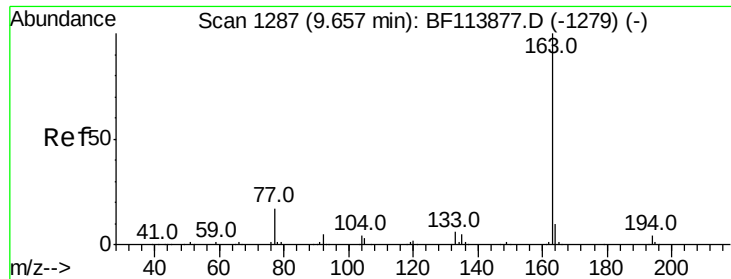
Acq: 30 Apr 2019 18:23

Tgt Ion:	172	Resp:	532097
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.4	44.0
170	23.3	19.9	29.9



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: 4.771 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF114049.D

Acq: 30 Apr 2019 18:23

Instrument :

BNA_F

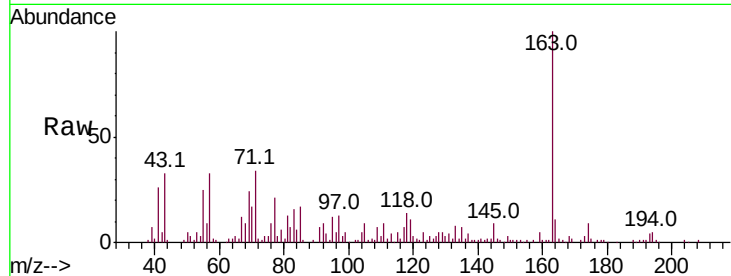
ClientSampleId :

JC-03-042919-G

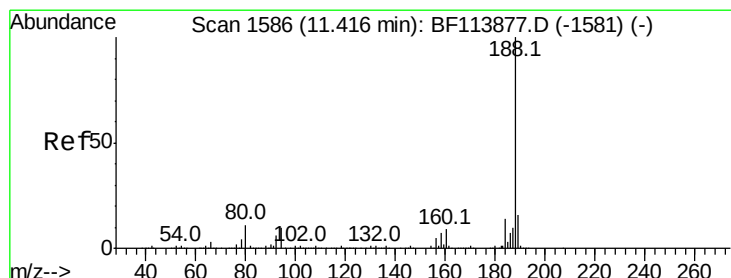
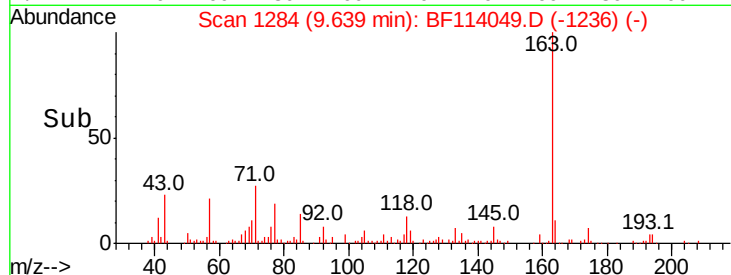
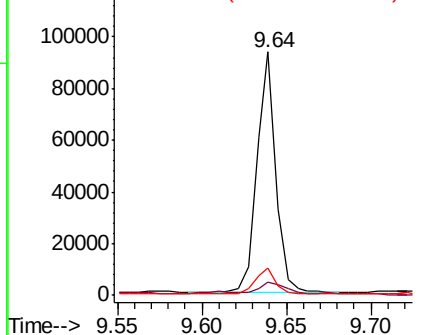
Tot Ion:	163	Resp:	73239
Ion Ratio	Lower	Upper	
163	100		
194	5.4	3.4	5.2#
164	11.0	8.5	12.7

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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: 11.42 min Scan# 1586

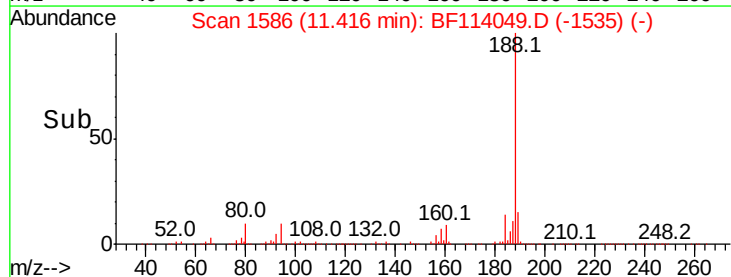
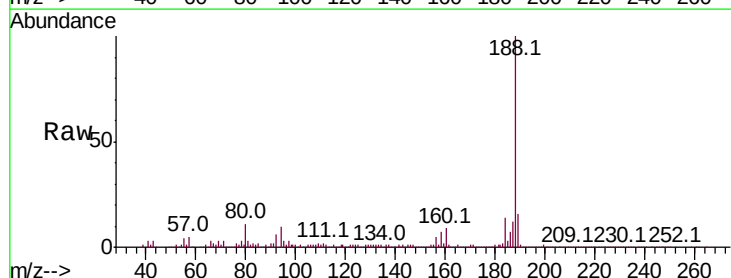
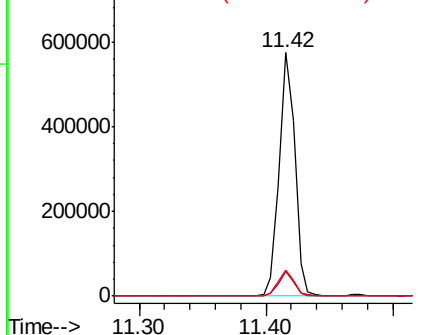
Delta R.T. -0.00 min

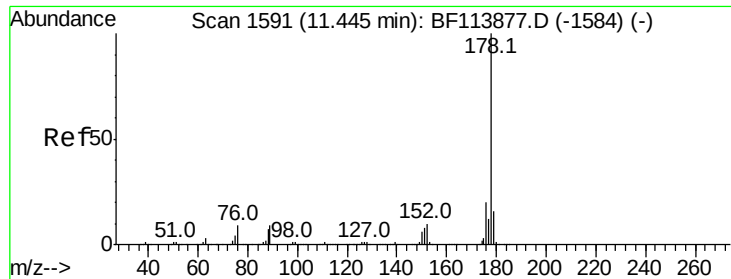
Lab File: BF114049.D

Acq: 30 Apr 2019 18:23

Tgt Ion:	188	Resp:	489288
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.2	12.4
80	10.7	9.0	13.6

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: 3.348 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114049.D

Acq: 30 Apr 2019 18:23

Instrument :

BNA_F

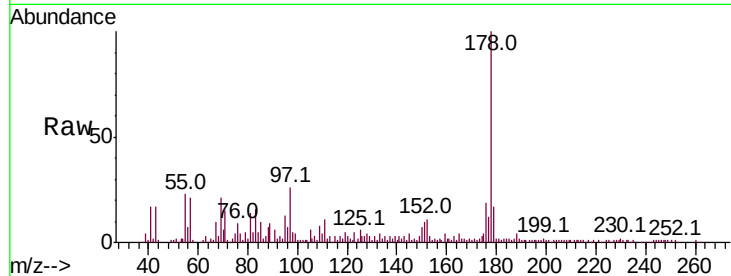
ClientSampleId :

JC-03-042919-G

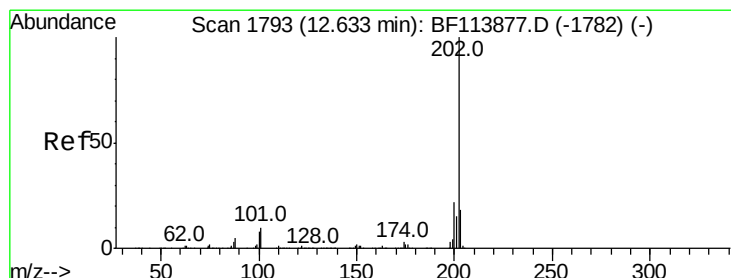
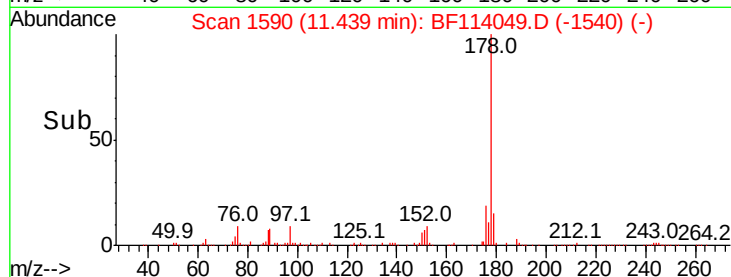
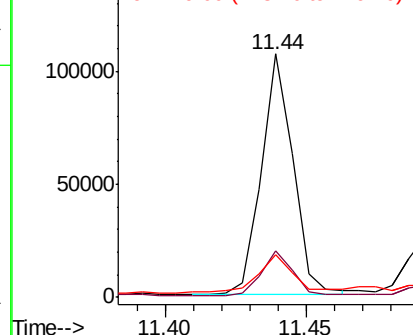
Tot Ion:	178	Resp:	82315
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.1	24.1
179	17.3	12.8	19.2

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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: 4.288 ng

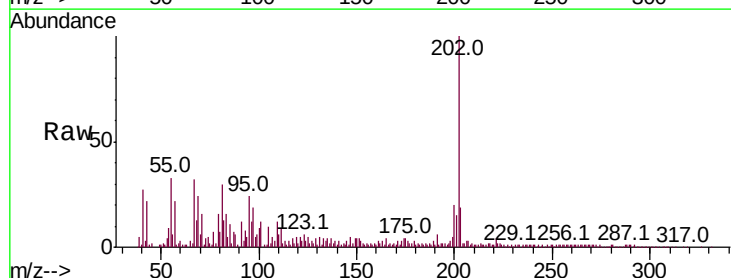
RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

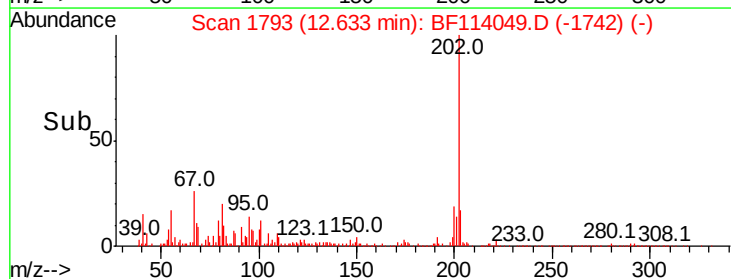
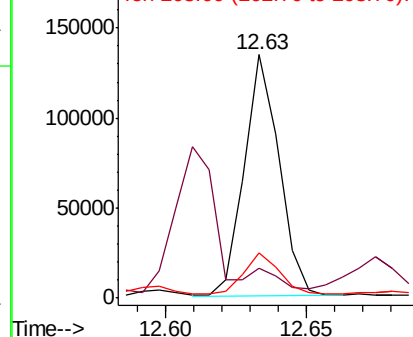
Lab File: BF114049.D

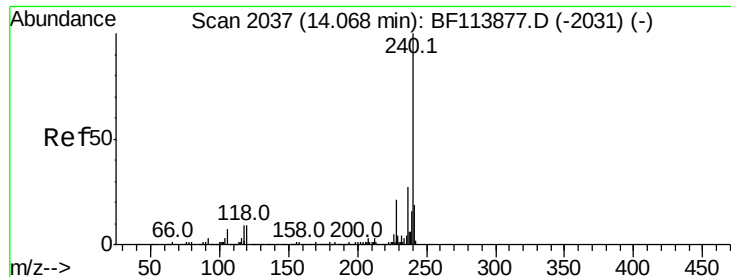
Acq: 30 Apr 2019 18:23

Tgt Ion:	202	Resp:	115044
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	32.9
203	18.6	0.0	38.2



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





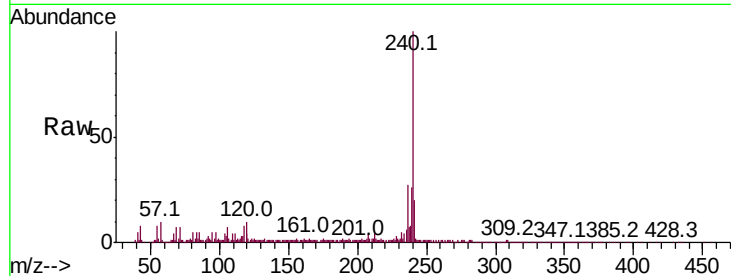
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF114049.D
Acq: 30 Apr 2019 18:23

Instrument :
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ClientSampleId :
JC-03-042919-G

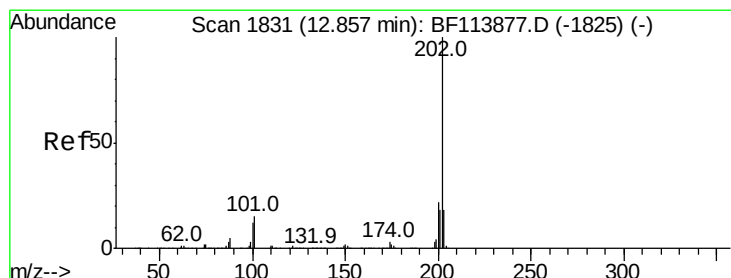
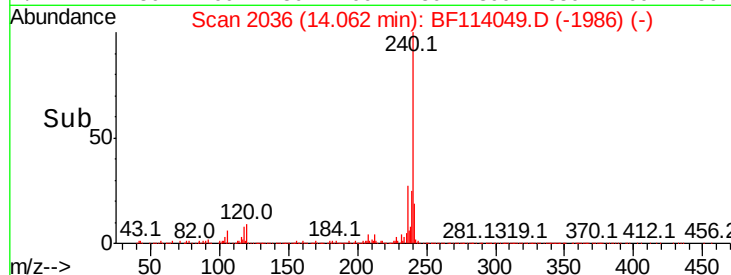
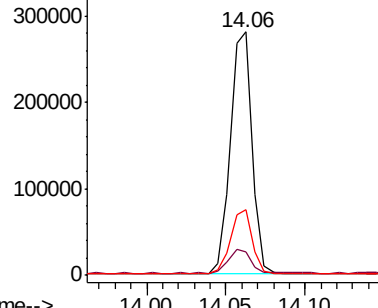
Tot Ion	Ratio	Resp	Lower	Upper
240	100	268080		
120	9.8		9.3	13.9
236	27.0		21.2	31.8

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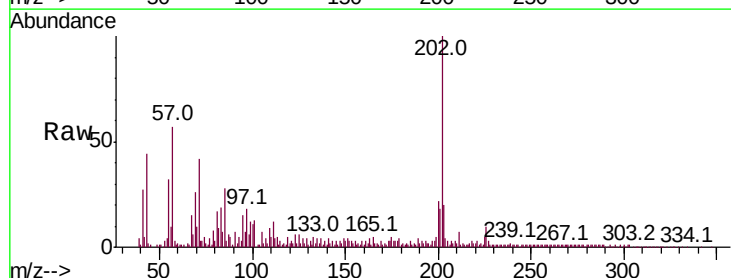


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

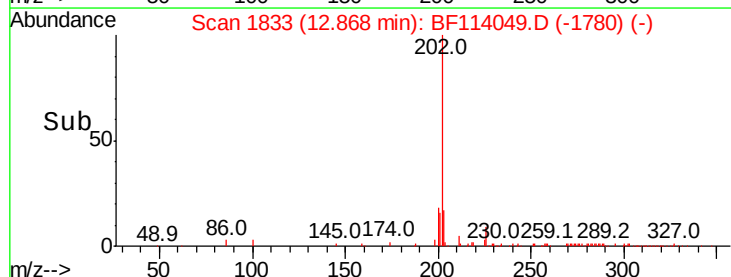
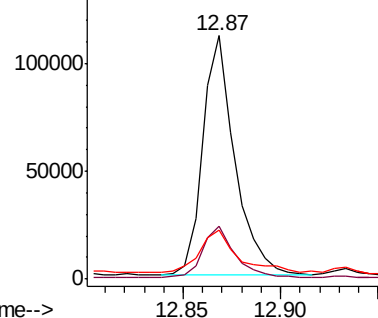


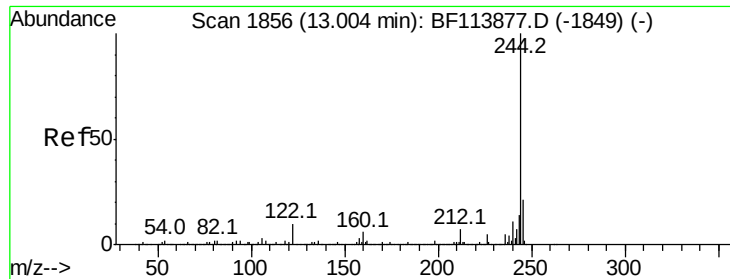
#78
Pyrene
Concen: 6.755 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF114049.D
Acq: 30 Apr 2019 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	126642		
200	21.6		17.7	26.5
203	20.4		15.0	22.6



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





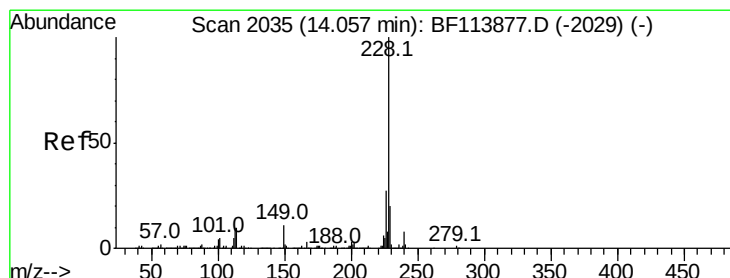
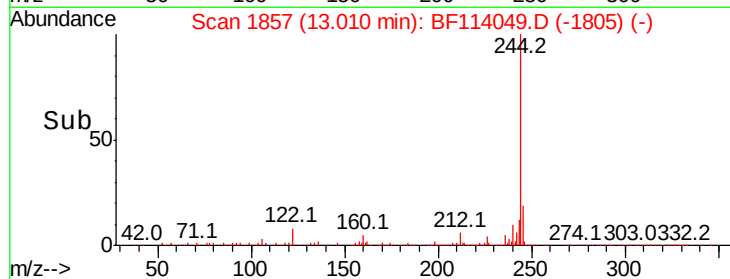
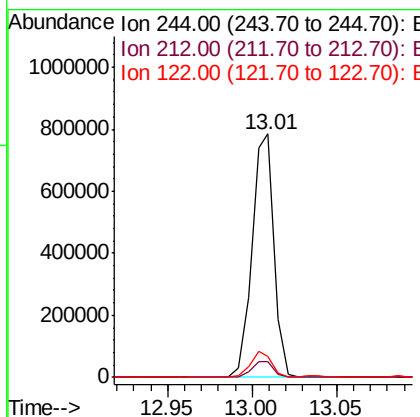
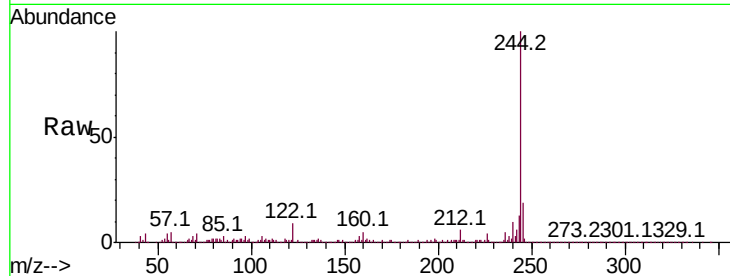
#79
 Terphenyl-d14
 Concen: 54.273 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF114049.D
 Acq: 30 Apr 2019 18:23

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-G

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.2
122	8.7	7.6	11.4

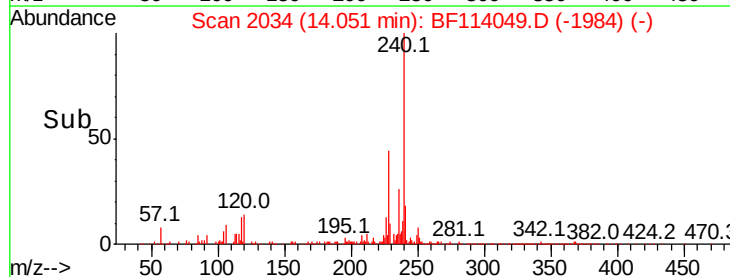
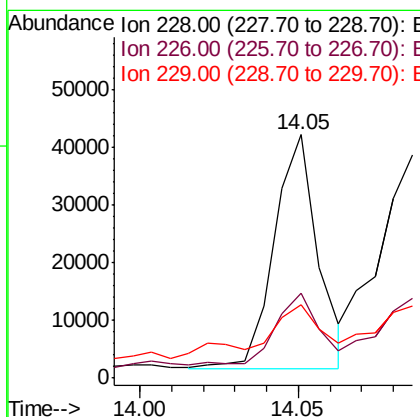
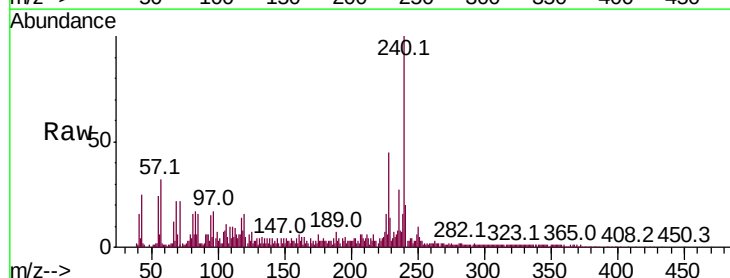
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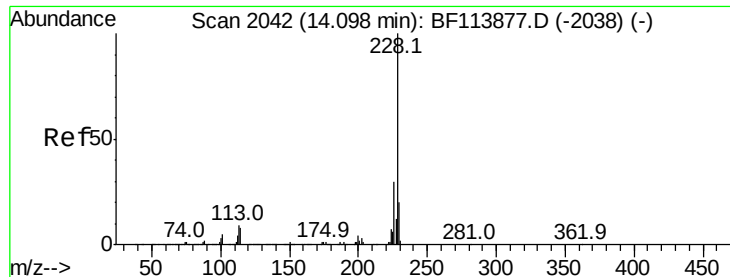
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#81
 Benzo(a)anthracene
 Concen: 2.493 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF114049.D
 Acq: 30 Apr 2019 18:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.6	22.2	33.2#
229	30.2	16.0	24.0#





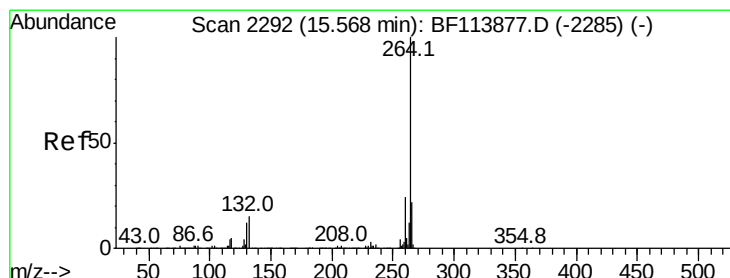
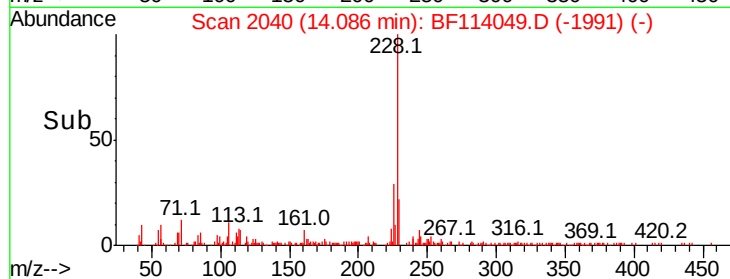
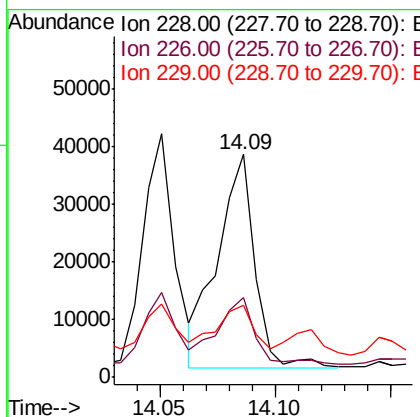
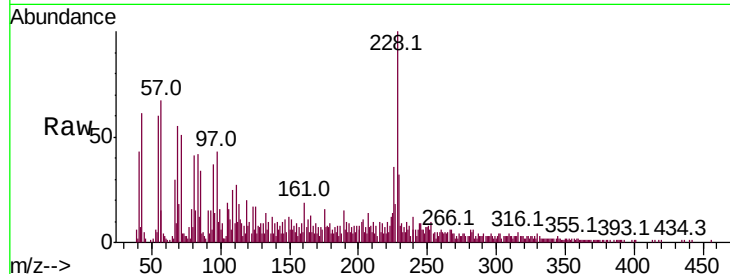
#83
Chrysene
Concen: 2.703 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF114049.D
Acq: 30 Apr 2019 18:23

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-G

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.0	25.2	37.8
229	32.4	16.7	25.1

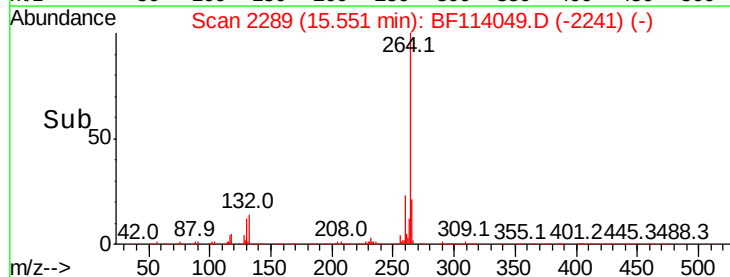
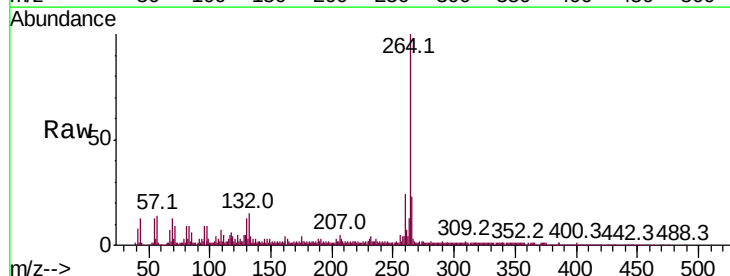
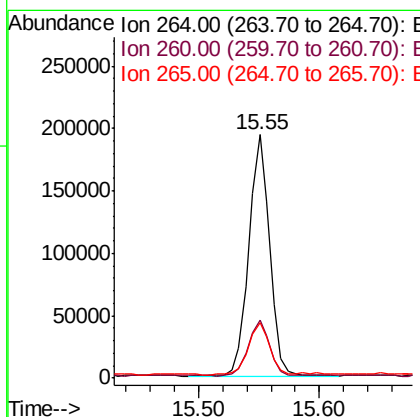
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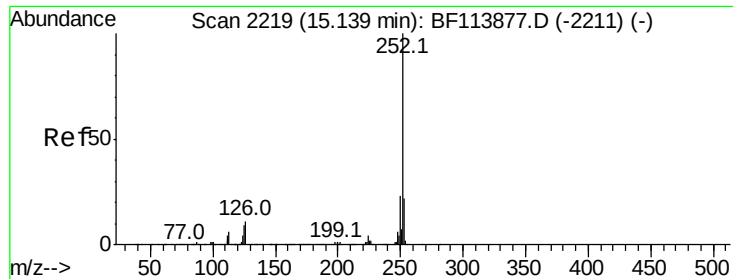
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF114049.D
Acq: 30 Apr 2019 18:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.7	17.3	25.9





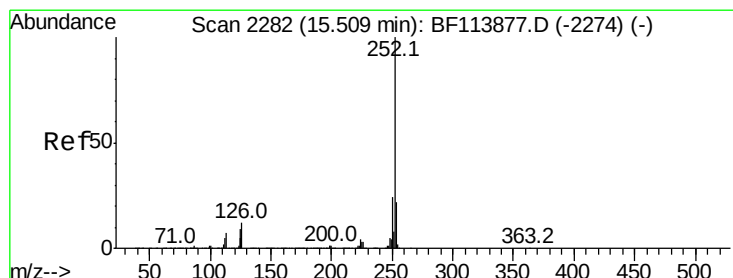
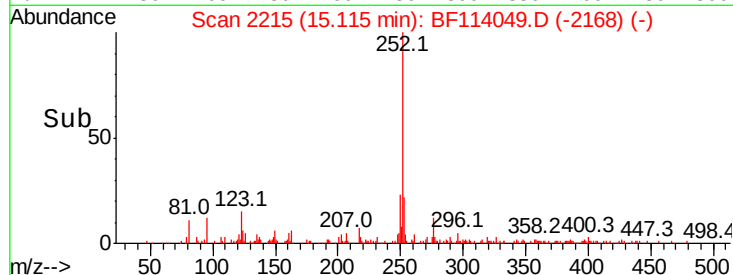
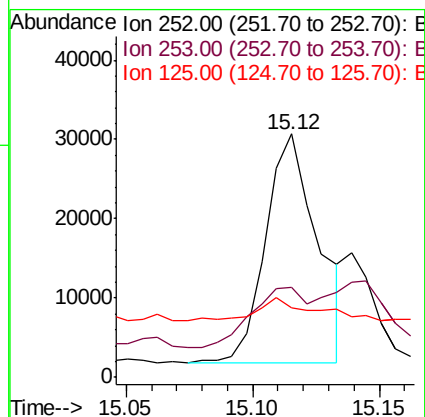
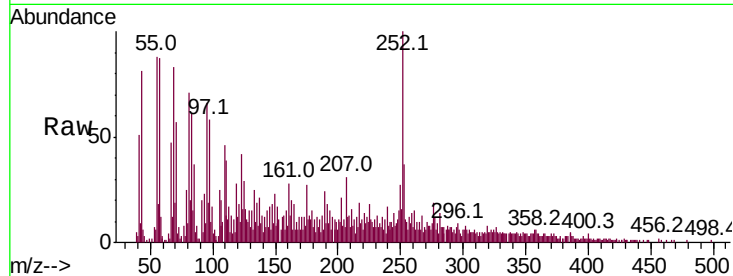
#88
Benzo(b)fluoranthene
Concen: 2.822 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF114049.D
Acq: 30 Apr 2019 18:23

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-G

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.0	17.8	26.6#
125	28.8	7.0	10.6#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.175 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114049.D
Acq: 30 Apr 2019 18:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.7	17.5	26.3#
125	37.3	8.5	12.7#

