

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113019.D
 Acq On : 12 Mar 2019 22:55
 Operator : JU/SJ
 Sample : K1847-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-7B-C-5-031119

Manual Integrations
 APPROVED

Sohil
 3/13/2019 11:40:49 AM

Quant Time: Mar 13 04:46:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	174823	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	643590	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	300818	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	546962	20.00	ng	0.00
76) Chrysene-d12	13.86	240	476326	20.00	ng	0.00
87) Perylene-d12	15.27	264	391296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	930093	82.76	ng	0.00
7) Phenol-d6	6.37	99	1231119	87.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	725510	67.45	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	345257	108.11	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1336579	70.34	ng	0.00
79) Terphenyl-d14	12.82	244	1235514	50.28	ng	0.00
Target Compounds						
10) Phenol	6.38	94	86553	5.254	ng	91
50) Dimethylphthalate	9.48	163	146351	6.598	ng	99
71) Phenanthrene	11.26	178	115967	4.261	ng	97
75) Fluoranthene	12.45	202	156820	5.379	ng	97
78) Pyrene	12.67	202	233066	5.804	ng	99
81) Benzo(a)anthracene	13.86	228	92182m	2.792	ng	
83) Chrysene	13.89	228	102291	3.163	ng	96
88) Benzo(b)fluoranthene	14.87	252	73108m	2.888	ng	
90) Benzo(a)pyrene	15.21	252	51453	2.298	ng	99

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

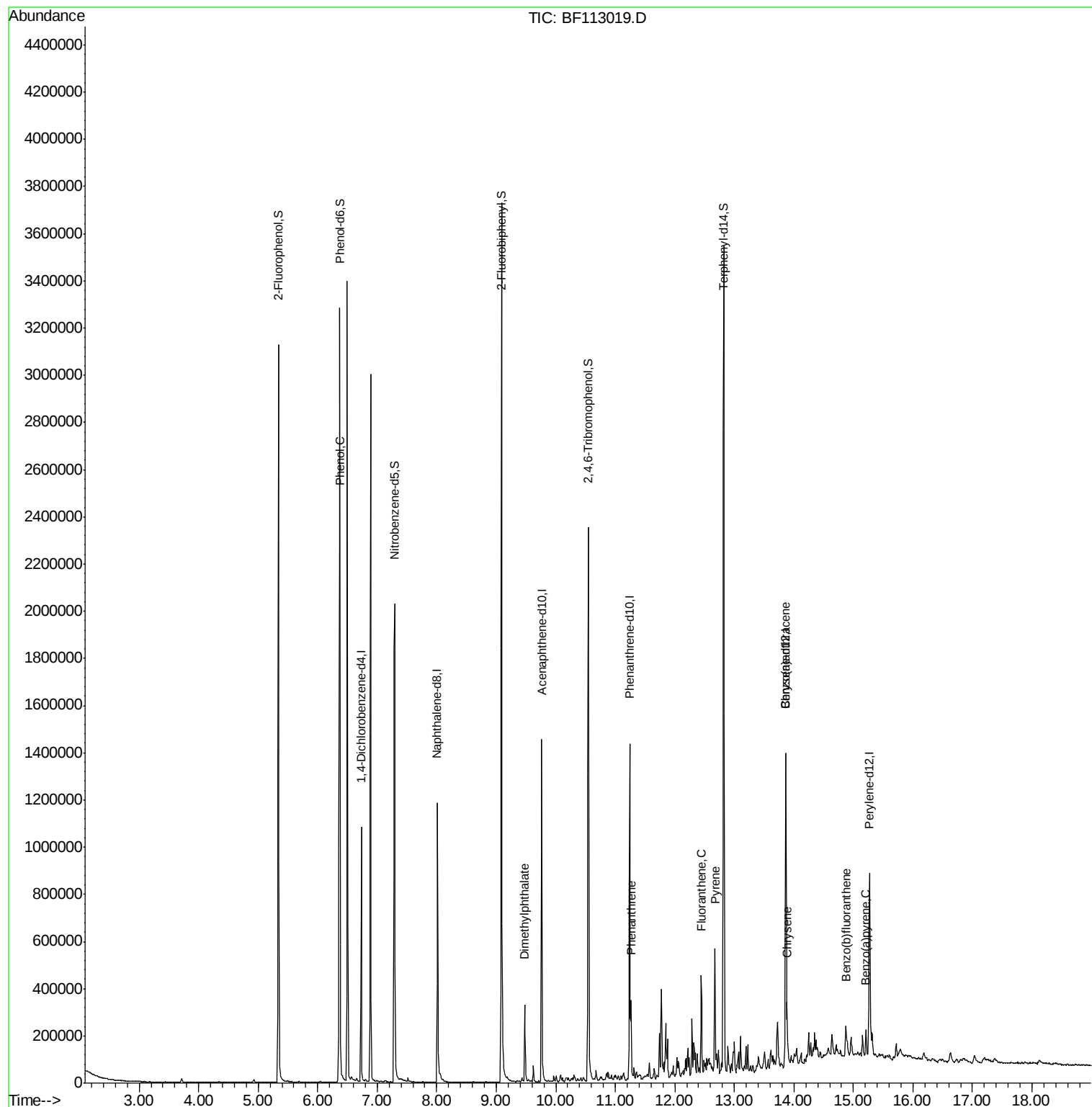
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113019.D
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#1

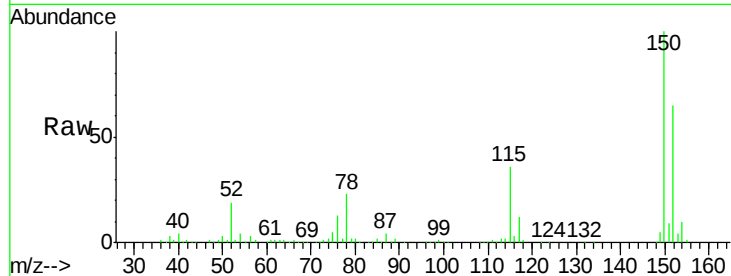
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-5-031119

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.2
115	54.9	48.2	72.4

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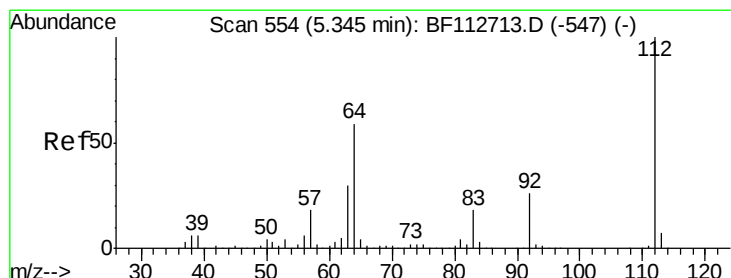
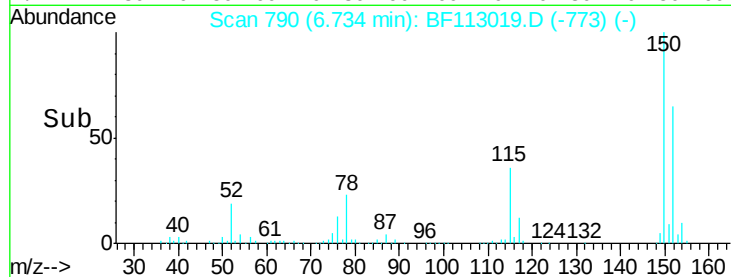
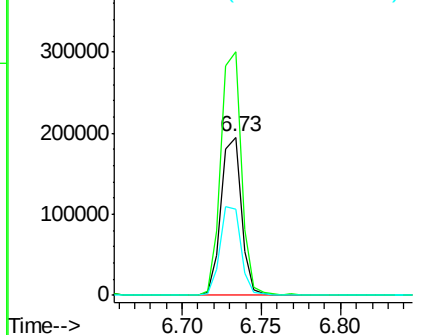


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

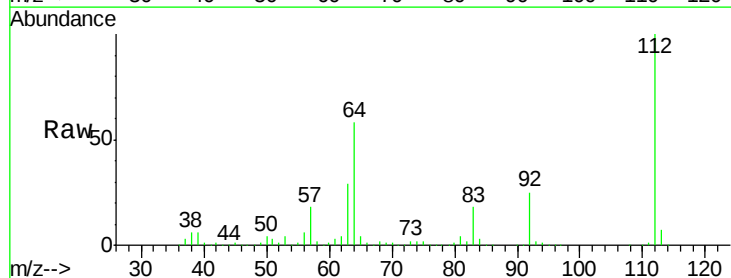
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.758 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.6	71.4
63	29.2	24.4	36.6

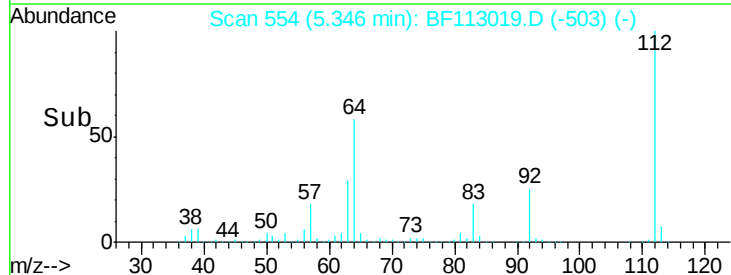
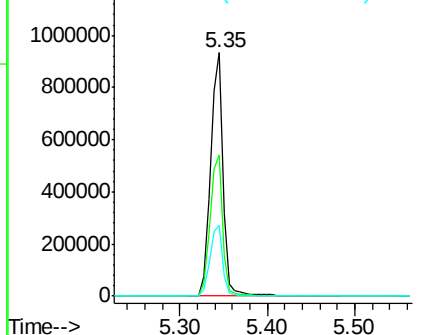


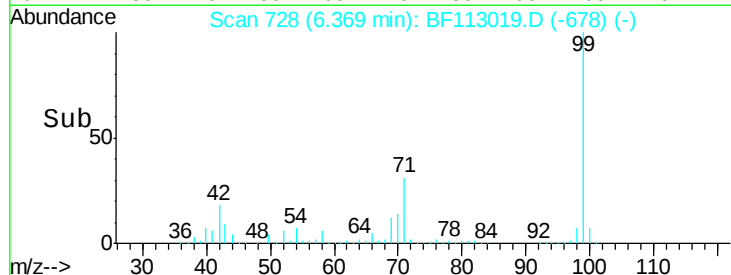
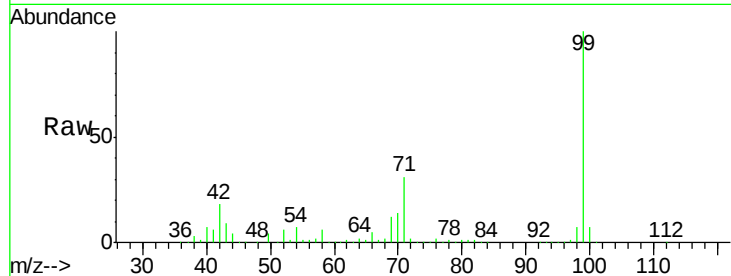
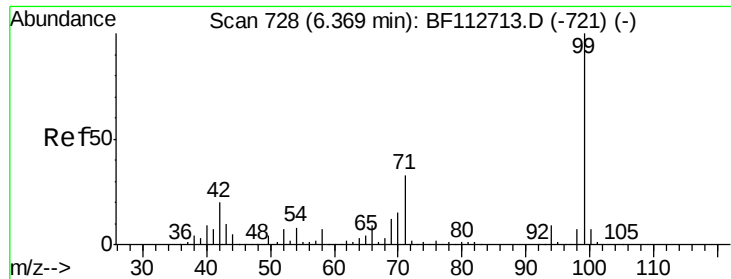
Abundance

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: 87.204 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113019.D

Acq: 12 Mar 2019 22:55

Tot Ion:	99	Resp:	1231119
Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.3	24.5
71	31.5	26.2	39.4

Instrument :

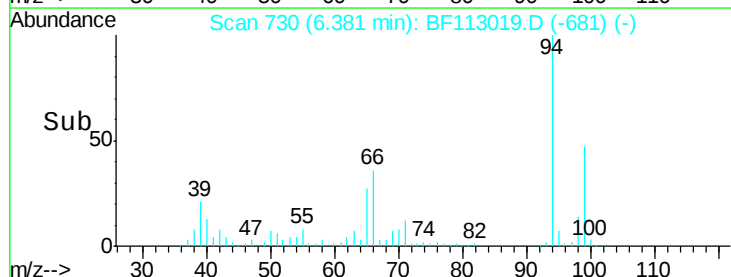
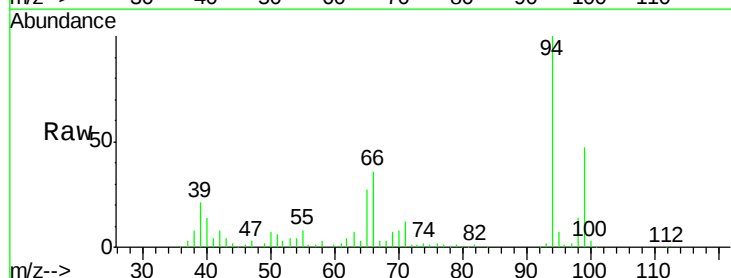
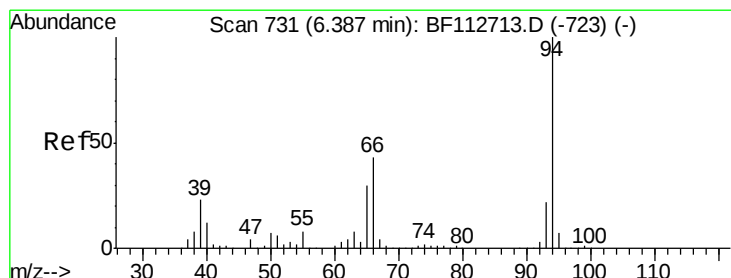
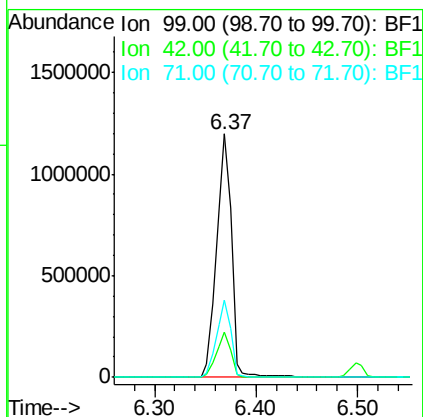
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ClientSampleId :

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#10

Phenol

Concen: 5.254 ng

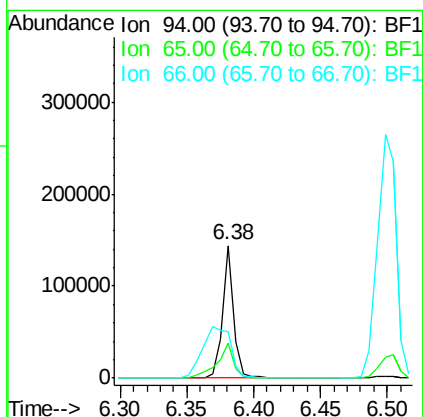
RT: 6.38 min Scan# 730

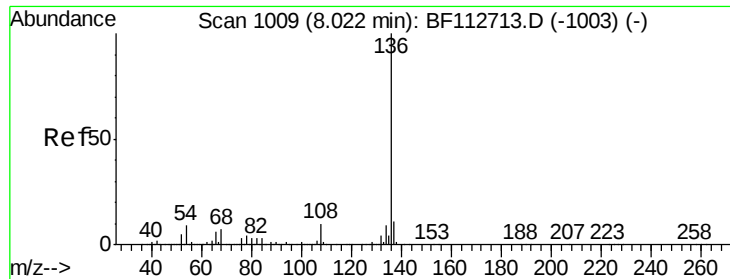
Delta R.T. -0.01 min

Lab File: BF113019.D

Acq: 12 Mar 2019 22:55

Tgt Ion:	94	Resp:	86553
Ion	Ratio	Lower	Upper
94	100		
65	26.7	10.5	50.5
66	35.5	22.6	62.6





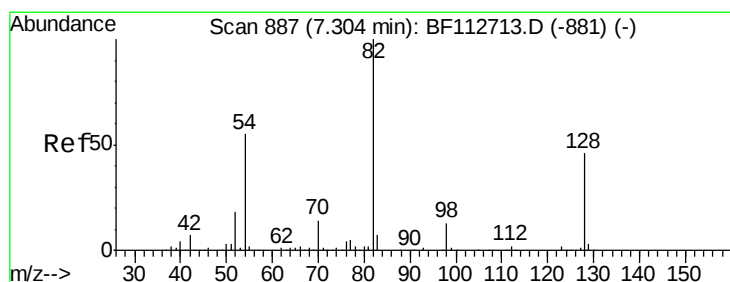
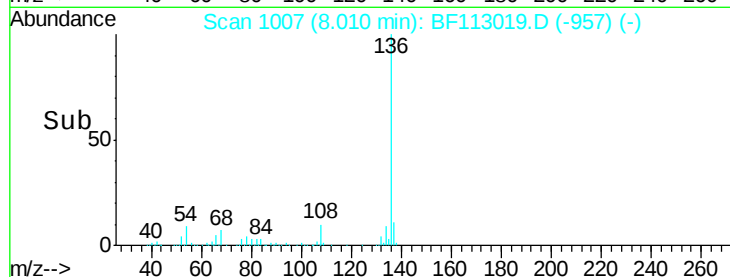
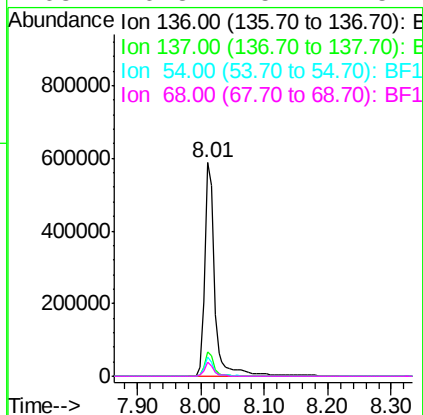
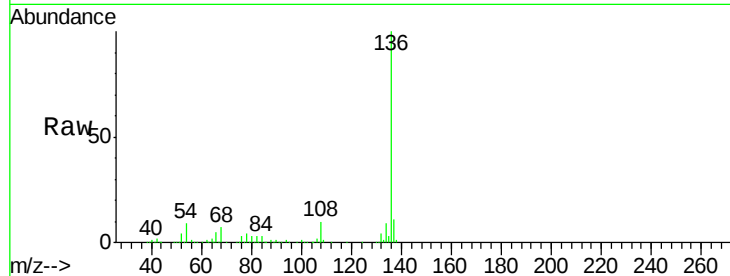
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-5-031119

Tot Ion	Ratio	Resp	Lower	Upper
136	100	643590		
137	11.2		8.9	13.3
54	9.0		7.3	10.9
68	6.8		5.4	8.2

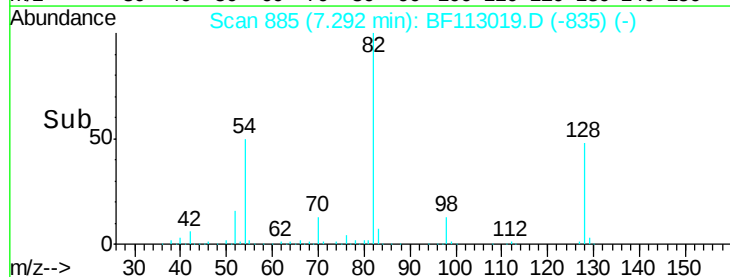
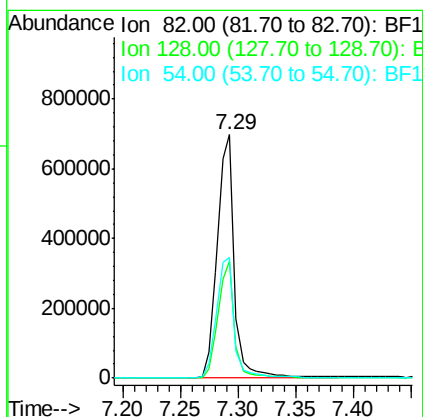
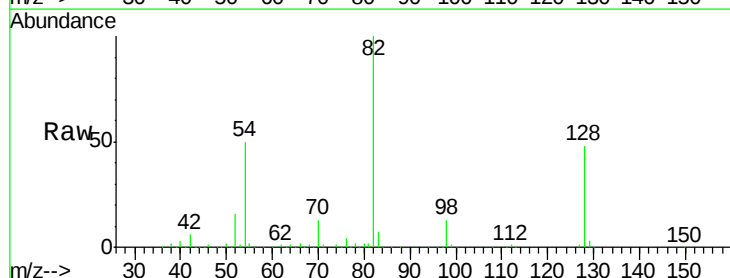
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#23
Nitrobenzene-d5
Concen: 67.454 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	725510		
128	48.3		36.3	54.5
54	49.8		43.7	65.5





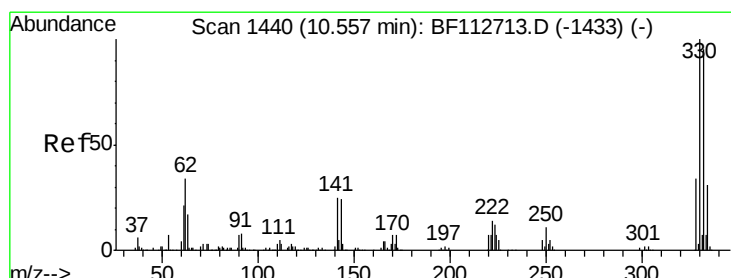
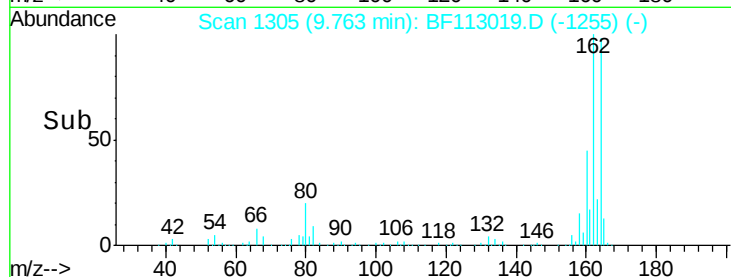
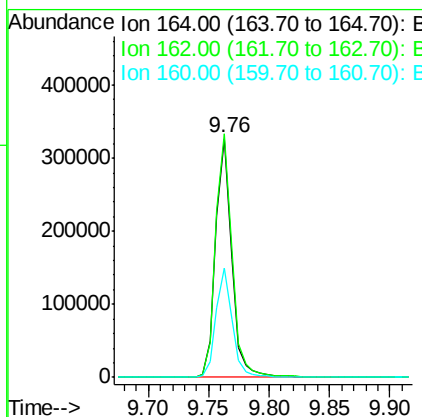
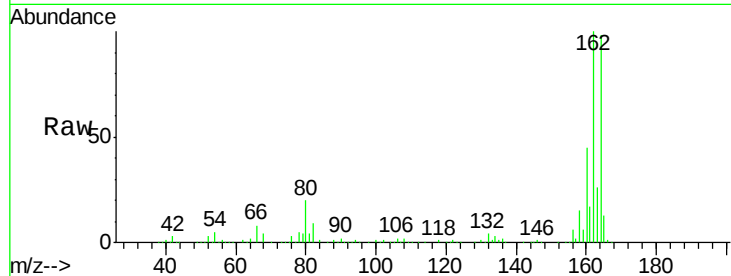
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-5-031119

Tot Ion	Ratio	Resp	Lower	Upper
164	100	300818		
162	102.0	80.6	120.8	
160	45.8	36.0	54.0	

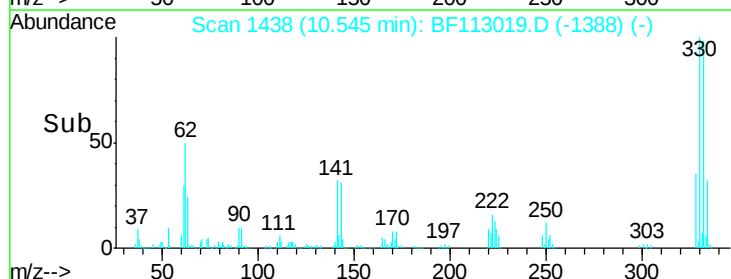
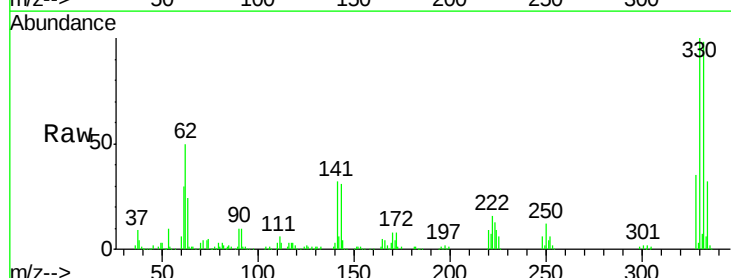
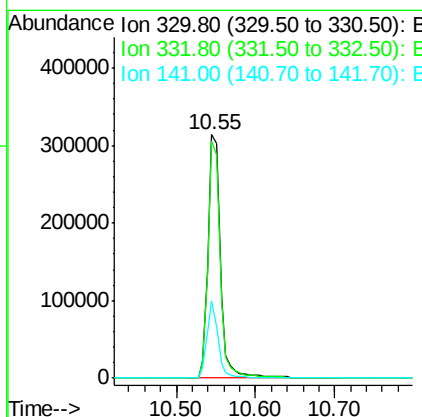
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#42
2,4,6-Tribromophenol
Concen: 108.110 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	345257		
332	96.0	76.2	114.4	
141	29.0	27.0	40.6	





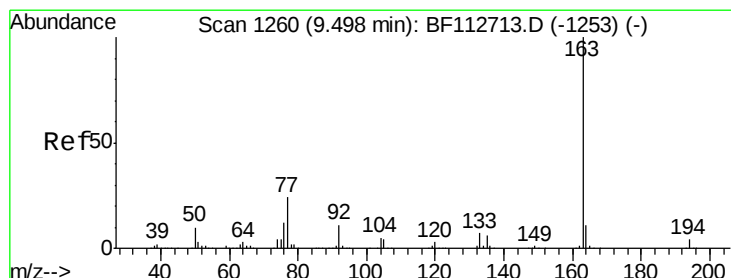
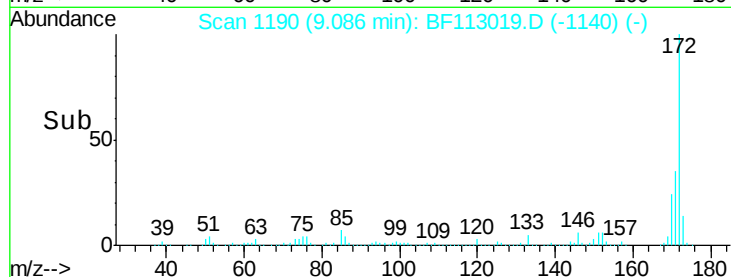
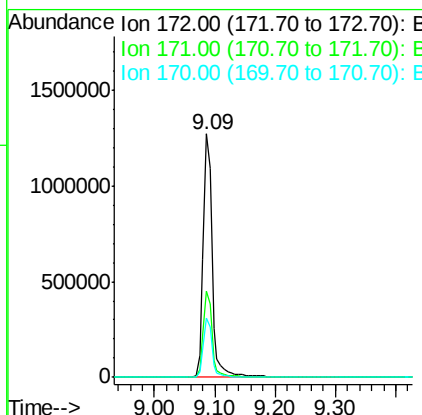
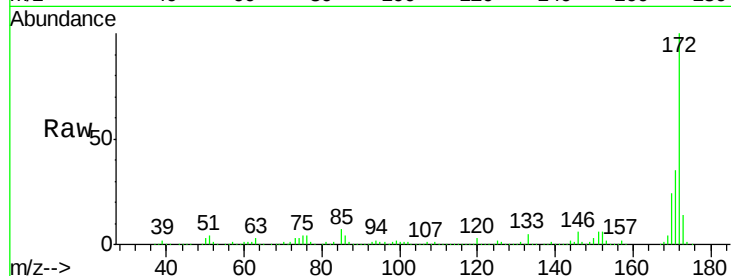
#45
2-Fluorobiphenyl
Concen: 70.343 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-5-031119

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.4
170	24.1	20.0	30.0

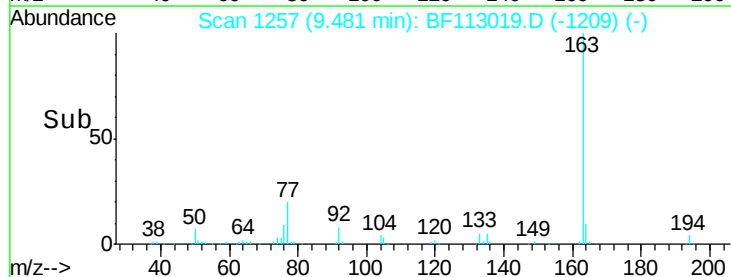
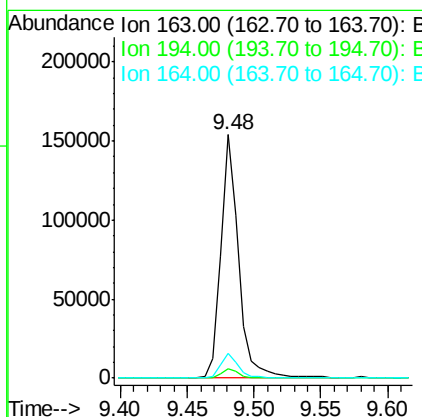
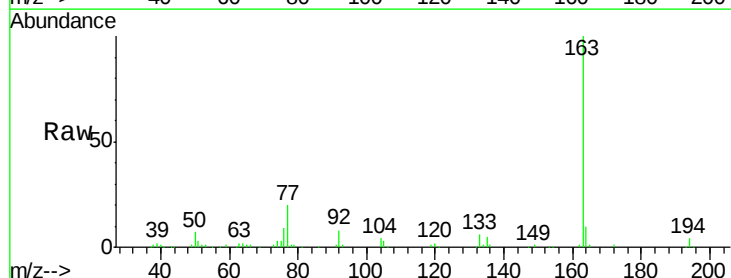
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#50
Dimethylphthalate
Concen: 6.598 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.2	8.4	12.6





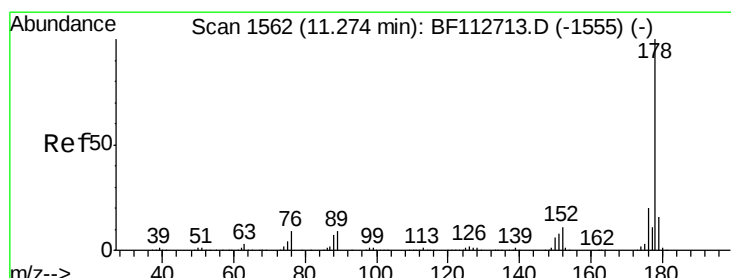
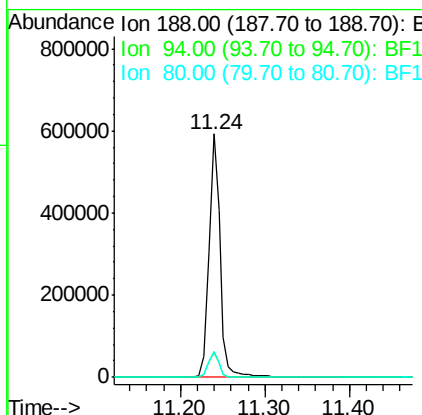
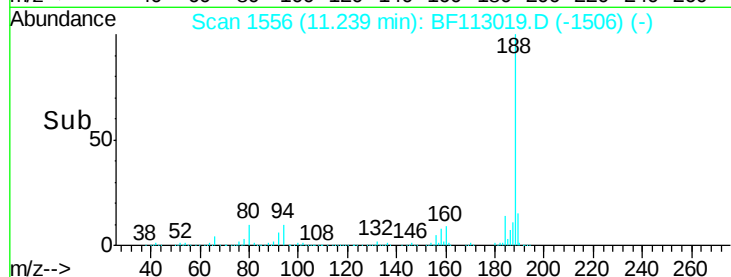
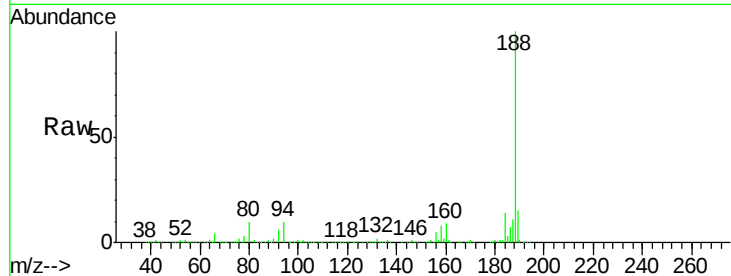
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-5-031119

Tot Ion	Ratio	Resp	Lower	Upper
188	100	546962		
94	9.9		9.0	13.4
80	10.5		9.2	13.8

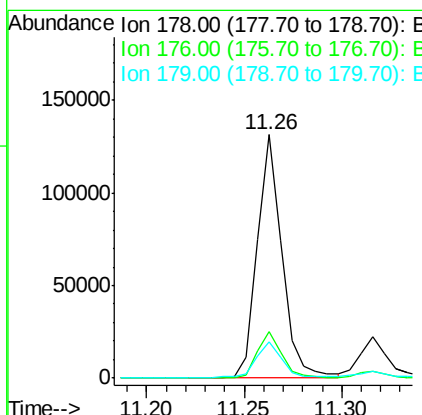
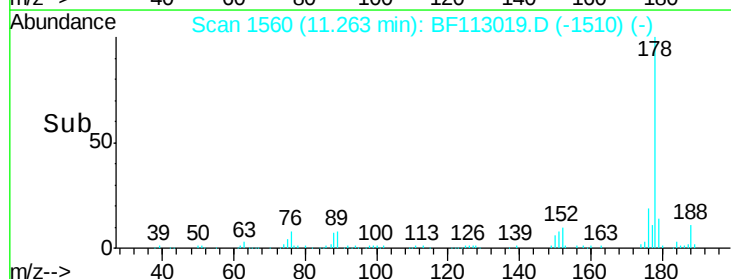
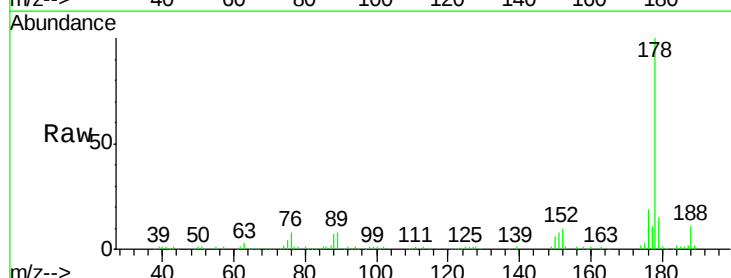
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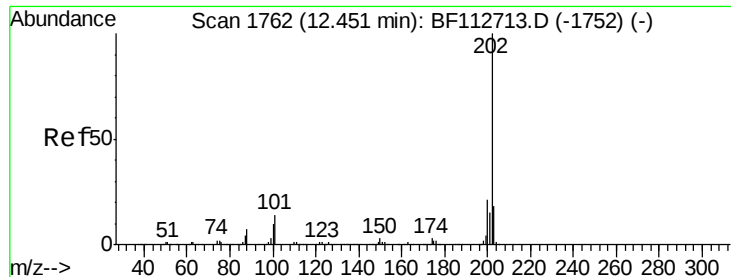
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#71
Phenanthrene
Concen: 4.261 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	115967		
176	19.0		16.3	24.5
179	14.8		12.7	19.1





#75

Fluoranthene

Concen: 5.379 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113019.D

Acq: 12 Mar 2019 22:55

Instrument :

BNA_F

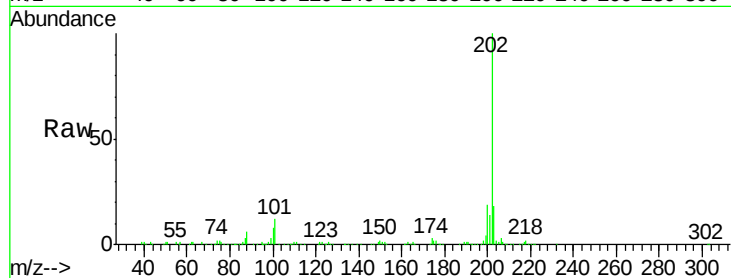
ClientSampleId :

SUP-7B-C-5-031119

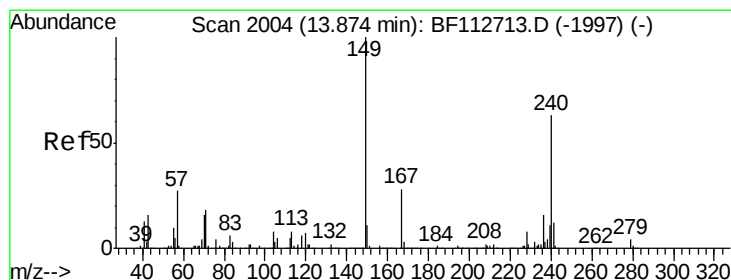
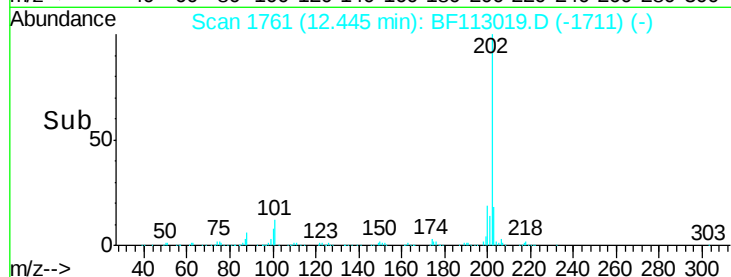
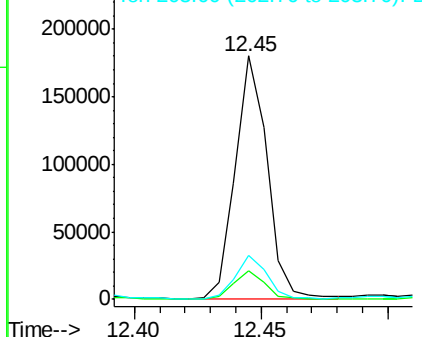
Tot Ion:	202	Resp:	156820
Ion Ratio		Lower	Upper
202	100		
101	11.6	0.0	33.8
203	17.9	0.0	38.4

Manual Integrations
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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

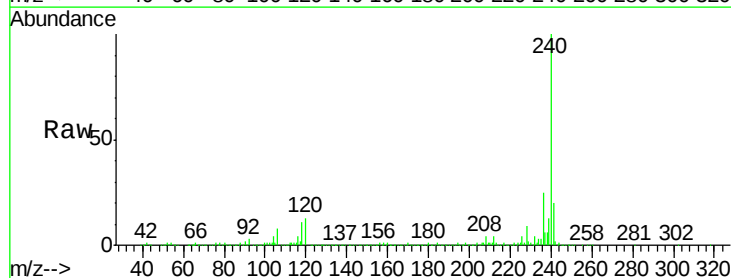
RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

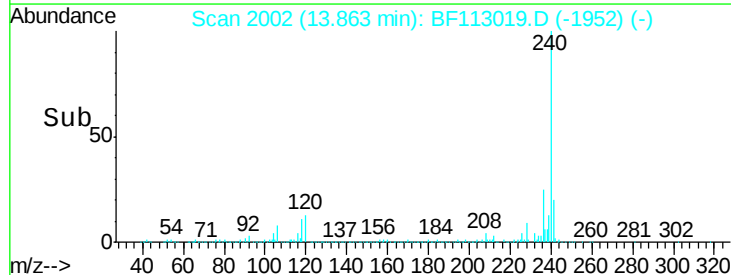
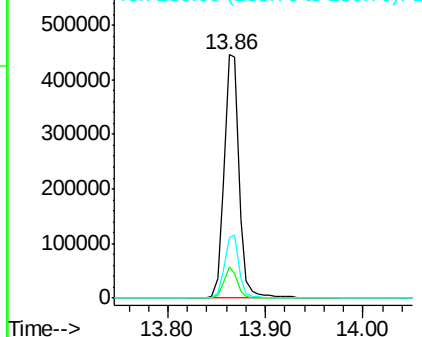
Lab File: BF113019.D

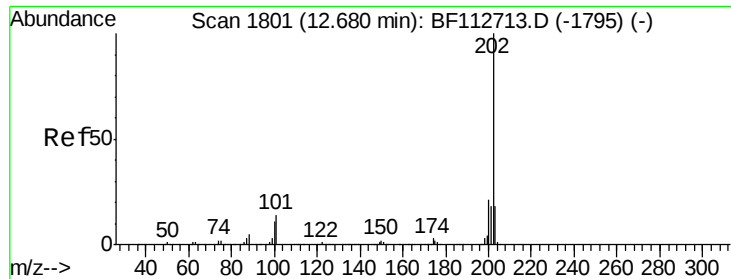
Acq: 12 Mar 2019 22:55

Tgt Ion:	240	Resp:	476326
Ion Ratio		Lower	Upper
240	100		
120	12.5	8.9	13.3
236	25.1	20.7	31.1



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





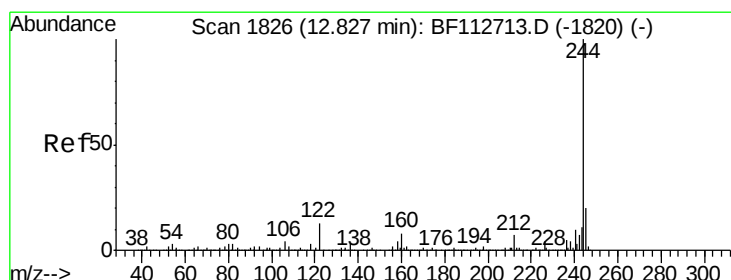
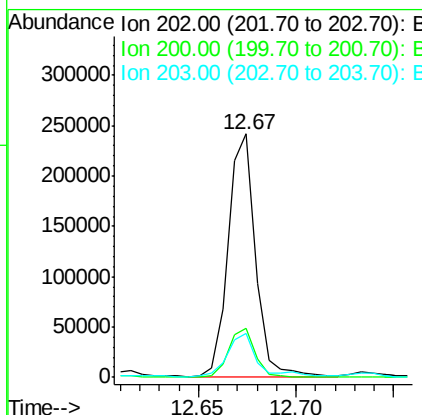
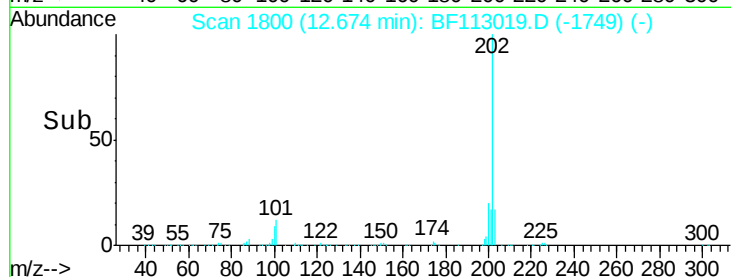
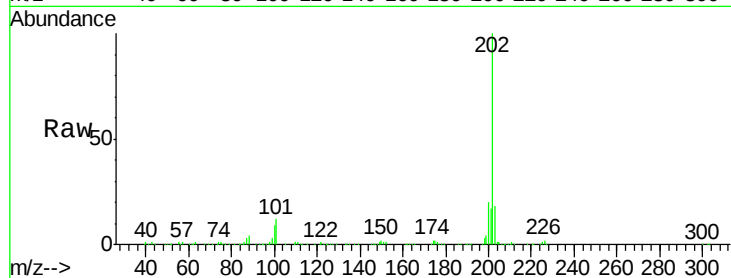
#78
Pvrene
Concen: 5.804 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-5-031119

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.4
203	17.8	14.4	21.6

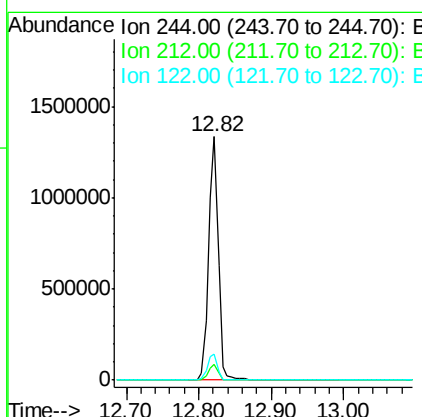
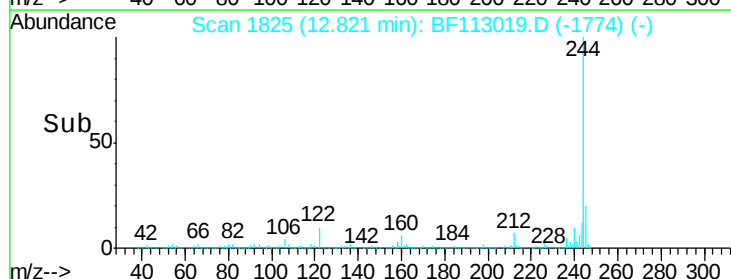
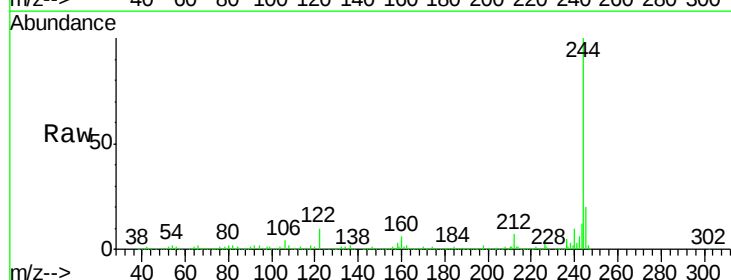
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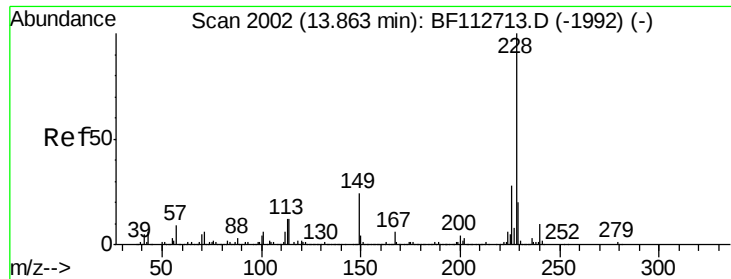
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#79
Terphenyl-d14
Concen: 50.282 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.5	10.5	15.7#





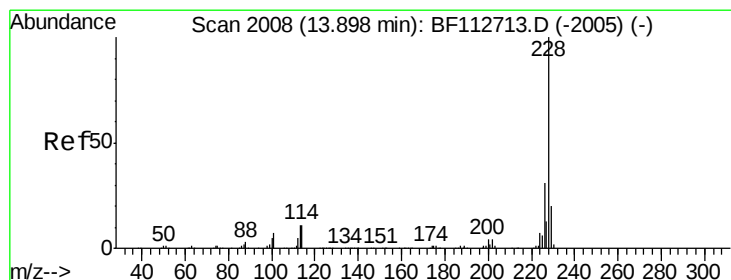
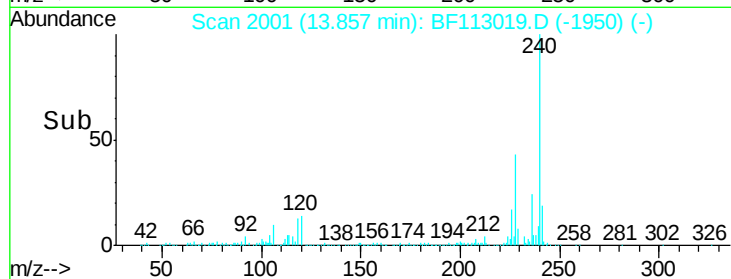
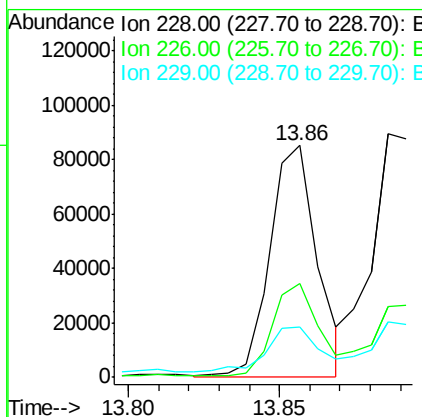
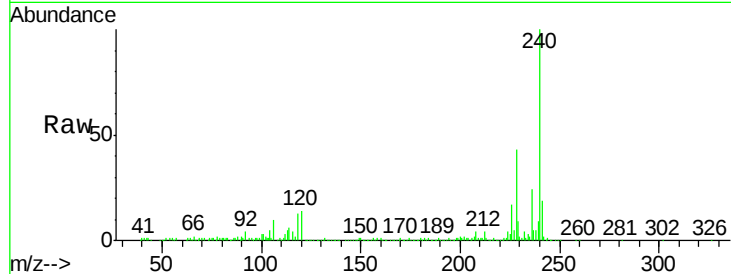
#81
Benzo(a)anthracene
Concen: 2.792 ng m
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-5-031119

Tot Ion	Ratio	Lower	Upper
228	100		
226	40.6	22.2	33.4#
229	21.5	16.0	24.0

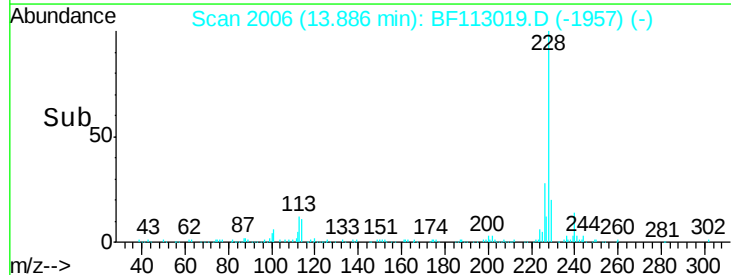
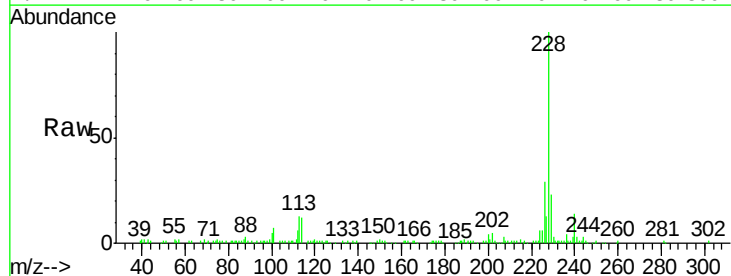
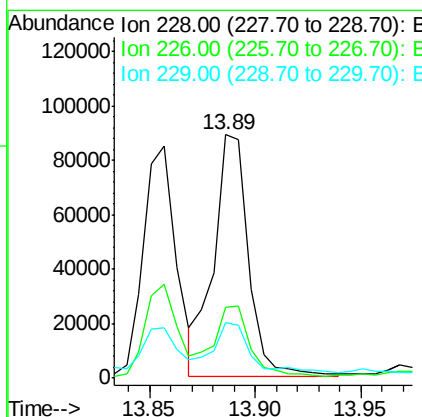
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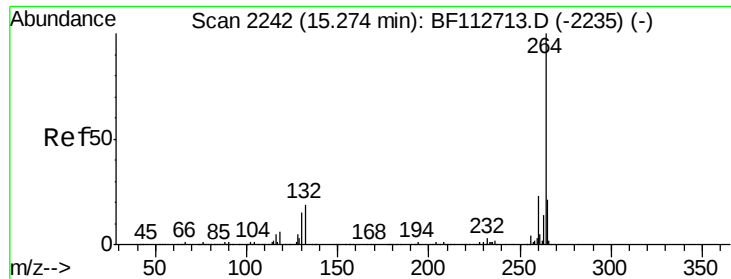
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#83
Chrysene
Concen: 3.163 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113019.D
Acq: 12 Mar 2019 22:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	22.7	16.3	24.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113019.D

Acq: 12 Mar 2019 22:55

Instrument :

BNA_F

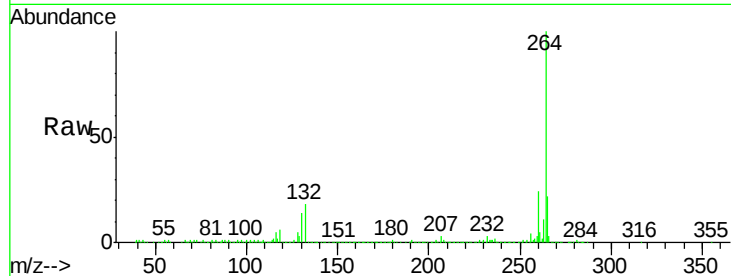
ClientSampleId :

SUP-7B-C-5-031119

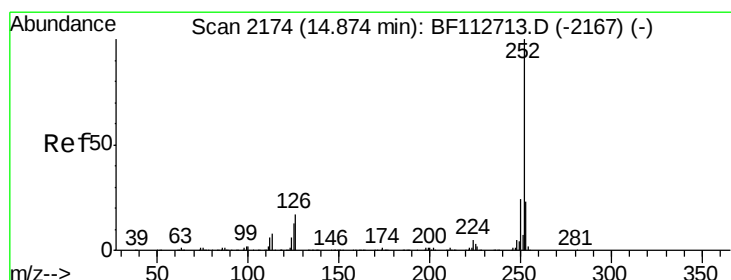
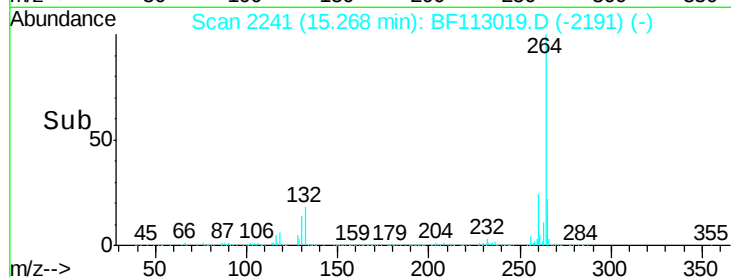
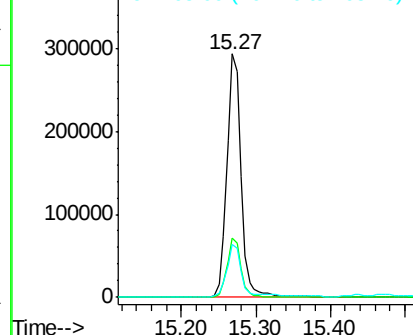
Tot Ion:	264	Resp:	391296
Ion Ratio		Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.8	17.2	25.8

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 2.888 ng m

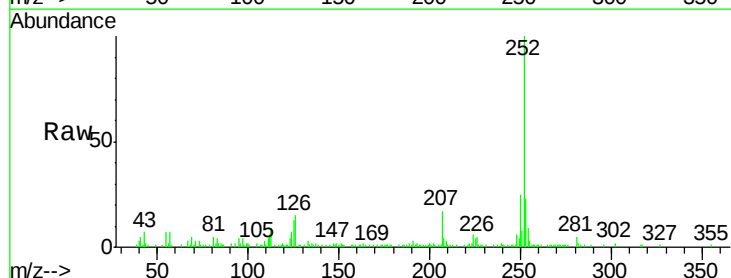
RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

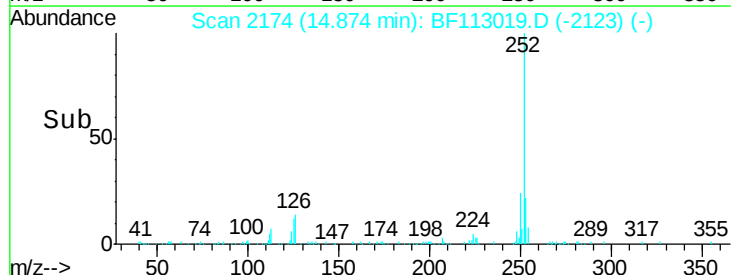
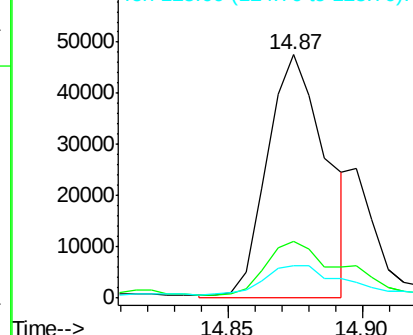
Lab File: BF113019.D

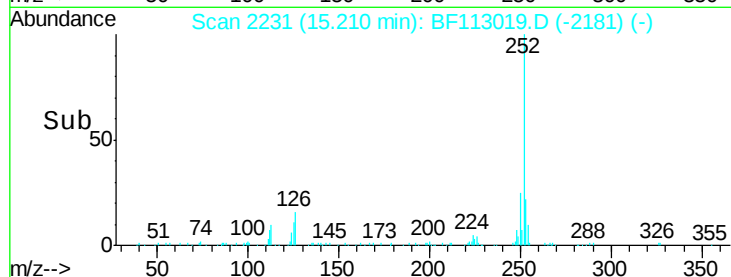
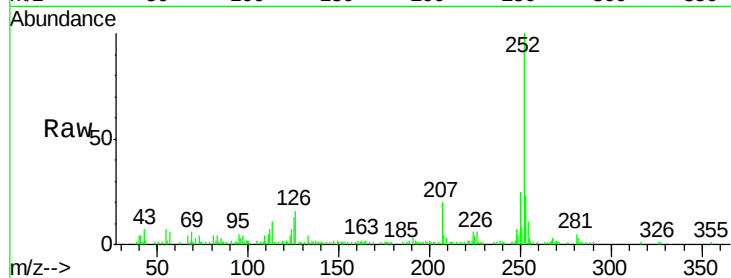
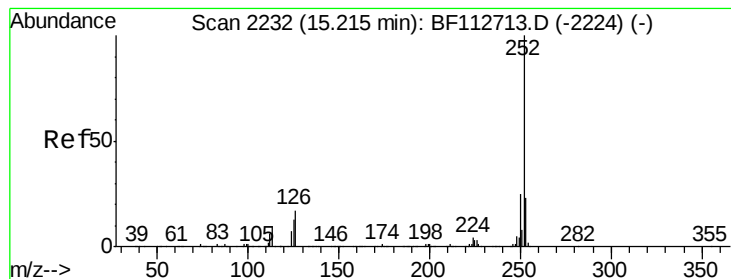
Acq: 12 Mar 2019 22:55

Tgt Ion:	252	Resp:	73108
Ion Ratio		Lower	Upper
252	100		
253	23.5	18.0	27.0
125	13.5	10.2	15.2



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: 2.298 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF113019.D

Acq: 12 Mar 2019 22:55

Tot Ion:	252	Resp:	51453
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	13.0	10.7	16.1

Instrument :

BNA_F

ClientSampleId :

SUP-7B-C-5-031119

Manual Integrations
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