

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040819\
 Data File : BF113646.D
 Acq On : 8 Apr 2019 18:28
 Operator : JU/SJ
 Sample : K2309-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HA-040519

Manual Integrations
 APPROVED

Sohil
 4/9/2019 10:15:52 AM

Quant Time: Apr 09 01:34:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	118912	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	454474	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	224597	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	443025	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	324878	20.00	ng	-0.02
87) Perylene-d12	15.23	264	315559	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	530825	76.12	ng	0.00
7) Phenol-d6	6.33	99	699220	81.35	ng	0.00
23) Nitrobenzene-d5	7.25	82	413344	53.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	220262	81.64	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	821255	58.87	ng	-0.02
79) Terphenyl-d14	12.77	244	847488	53.11	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.43	163	51050	3.084	ng	99
75) Fluoranthene	12.40	202	89735	3.804	ng	99
78) Pyrene	12.63	202	86297	3.491	ng	98
81) Benzo(a)anthracene	13.82	228	41624	2.221	ng	97
83) Chrysene	13.86	228	42213	2.222	ng	97
88) Benzo(b)fluoranthene	14.84	252	56305m	2.915	ng	
90) Benzo(a)pyrene	15.18	252	35483	2.067	ng	# 94

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

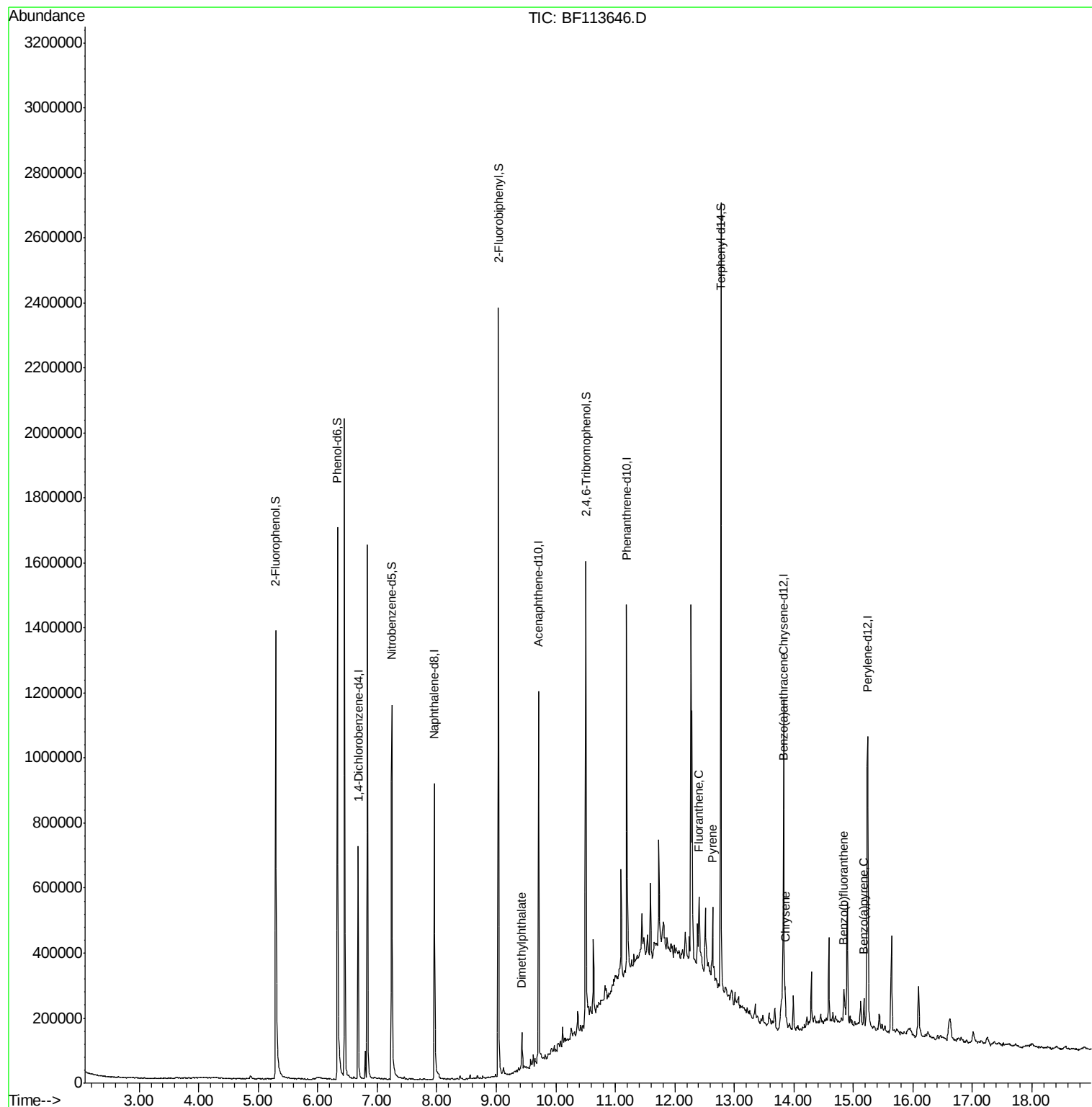
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040819\
Data File : BF113646.D
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Operator : JU/SJ
Sample : K2309-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

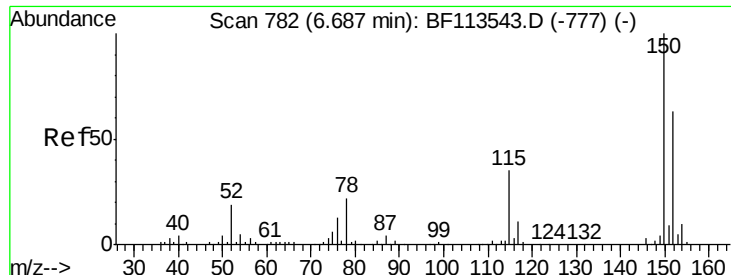
Instrument :
BNA_F
ClientSampleId :
HA-040519

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4/9/2019 10:15:52 AM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

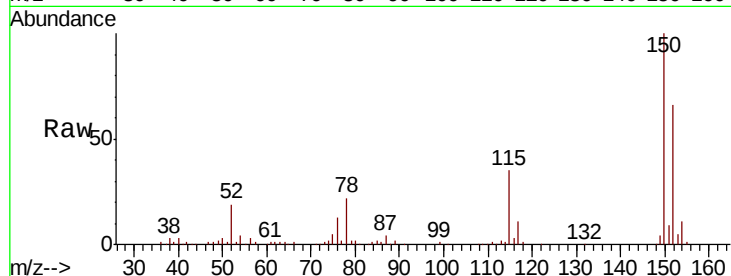
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113646.D
Acq: 8 Apr 2019 18:28

Instrument :
BNA_F
ClientSampleId :
HA-040519

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.7	187.1
115	53.1	46.0	69.0

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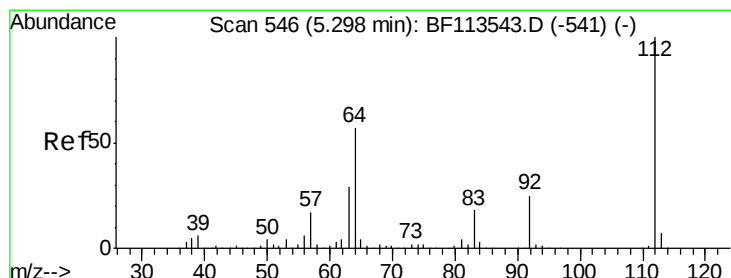
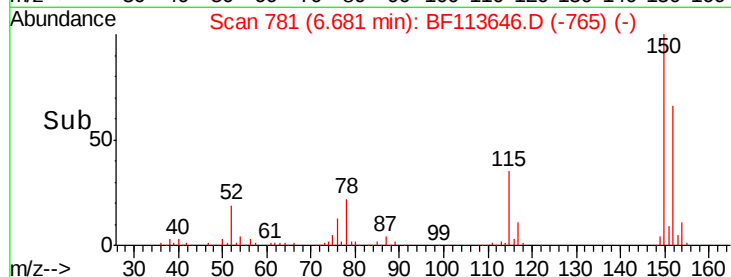
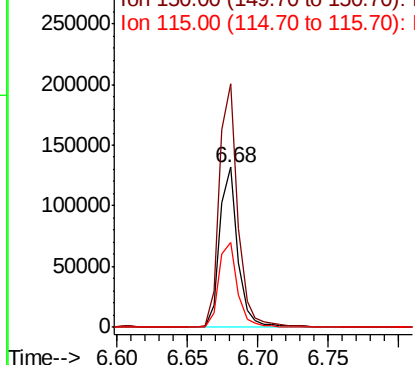


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

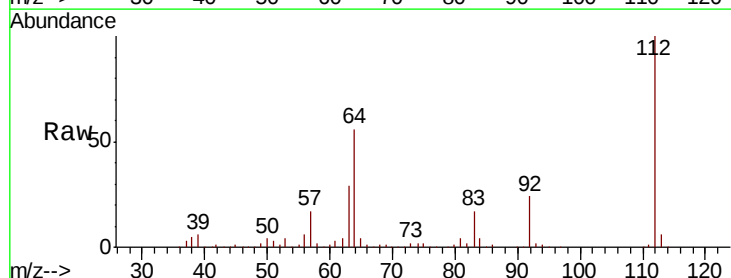
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.122 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113646.D
Acq: 8 Apr 2019 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	49.2	73.8
63	28.6	24.9	37.3

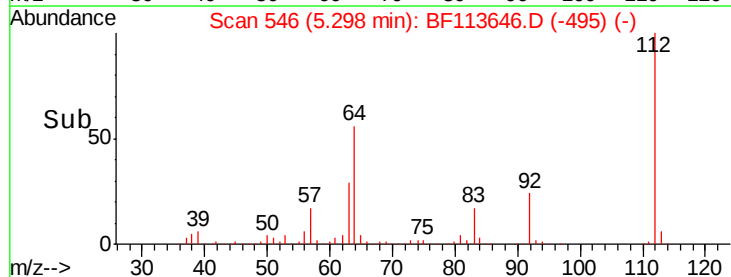
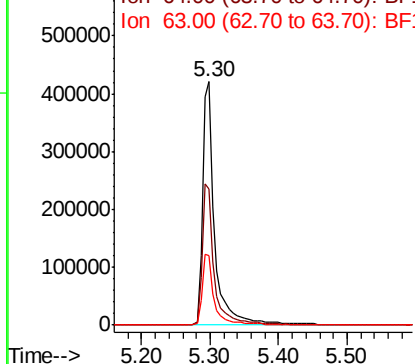


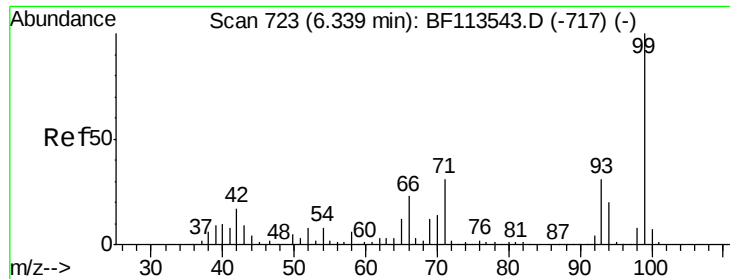
Abundance

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: 81.355 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113646.D

Acq: 8 Apr 2019 18:28

Instrument :

BNA_F

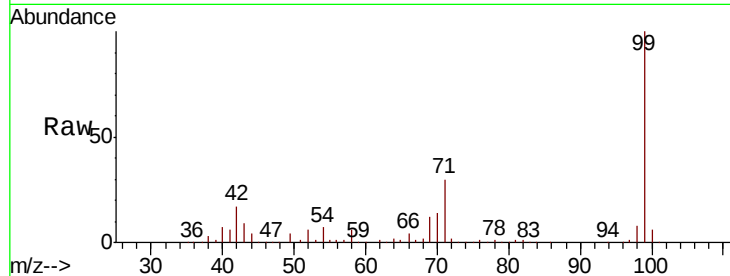
ClientSampleId :

HA-040519

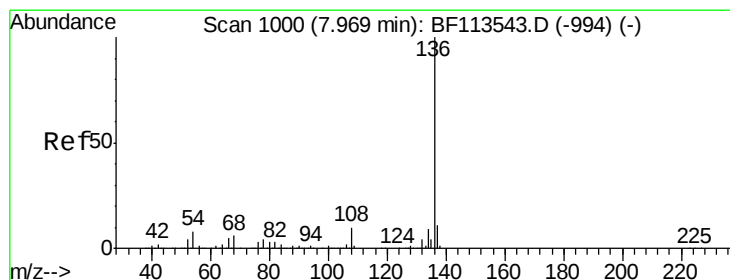
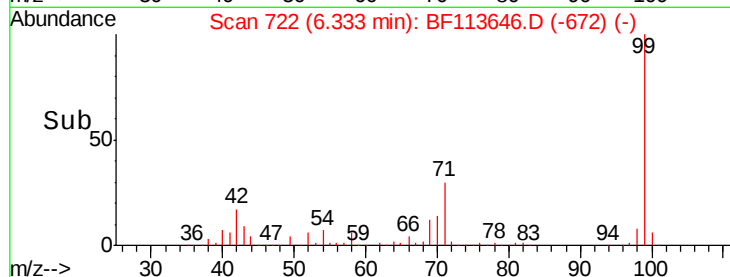
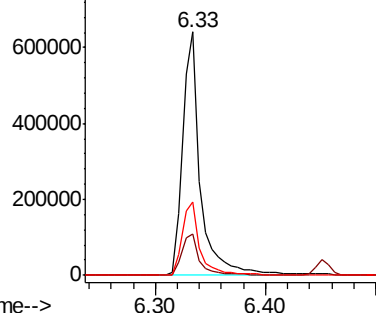
Tot Ion:	99	Resp:	699220
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.8	22.2
71	30.4	24.9	37.3

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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: 7.96 min Scan# 999

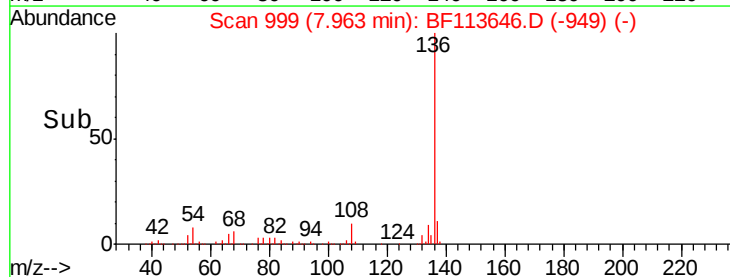
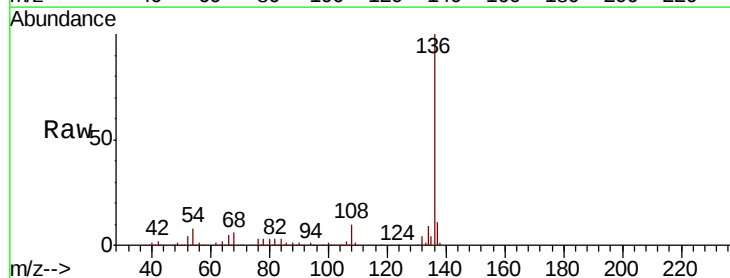
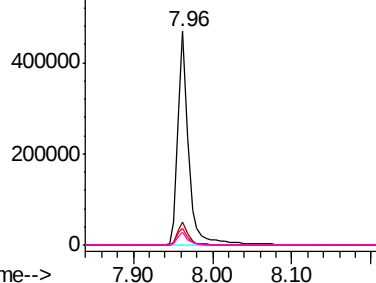
Delta R.T. -0.01 min

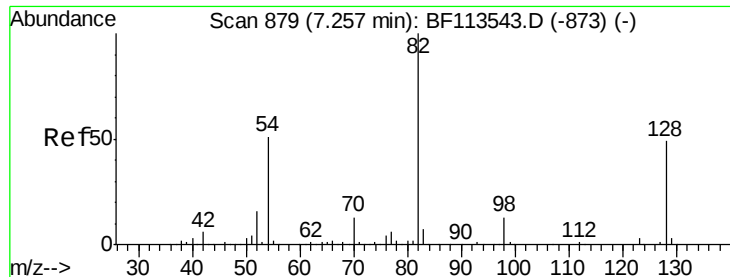
Lab File: BF113646.D

Acq: 8 Apr 2019 18:28

Tgt Ion:	136	Resp:	454474
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.6	7.0	10.6
68	5.8	4.8	7.2

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





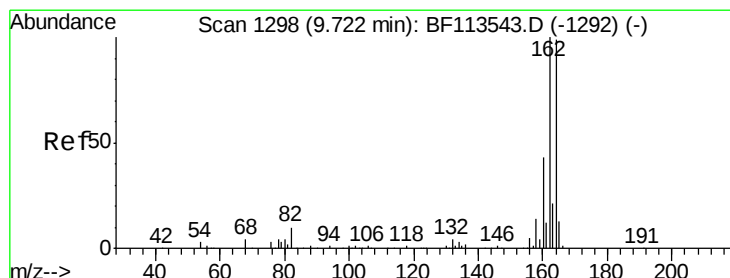
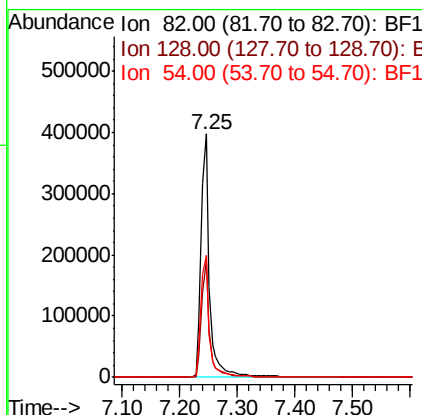
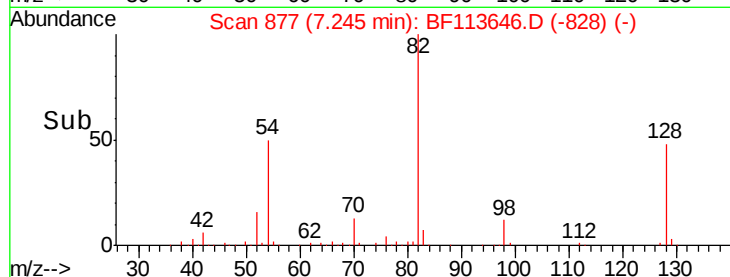
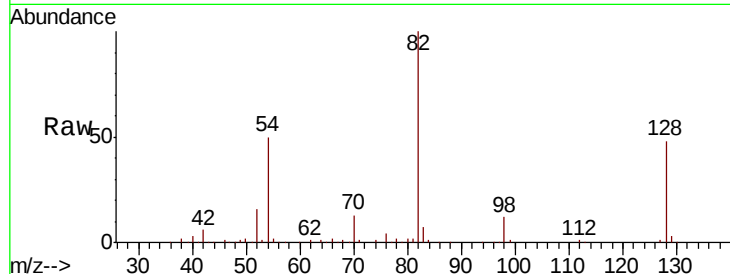
#23
Nitrobenzene-d5
Concen: 53.274 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113646.D
Acq: 8 Apr 2019 18:28

Instrument :
BNA_F
ClientSampled :
HA-040519

Tot Ion	82	Resp	413344
Ion Ratio	100	Lower	Upper
82	100		
128	48.1	36.5	54.7
54	50.0	42.2	63.2

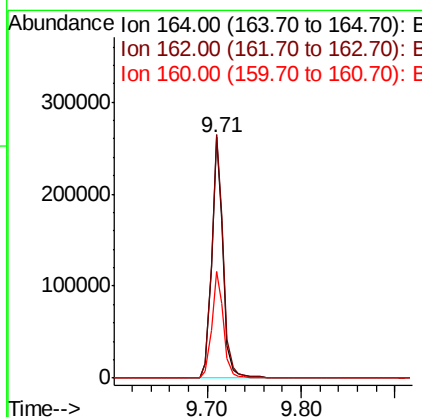
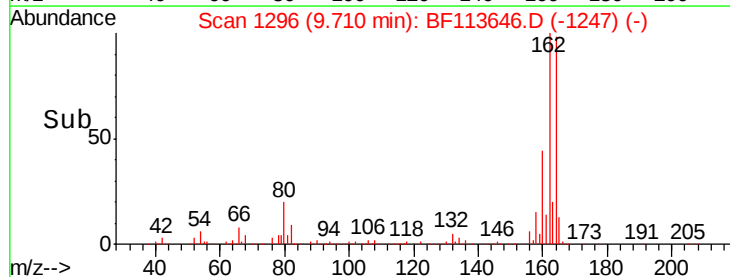
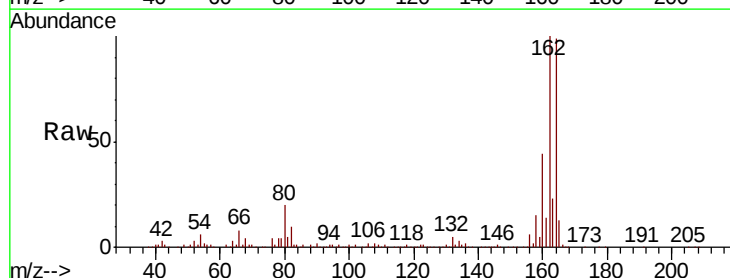
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113646.D
Acq: 8 Apr 2019 18:28

Tgt Ion	164	Resp	224597
Ion Ratio	100	Lower	Upper
164	100		
162	101.2	81.8	122.6
160	44.2	36.4	54.6





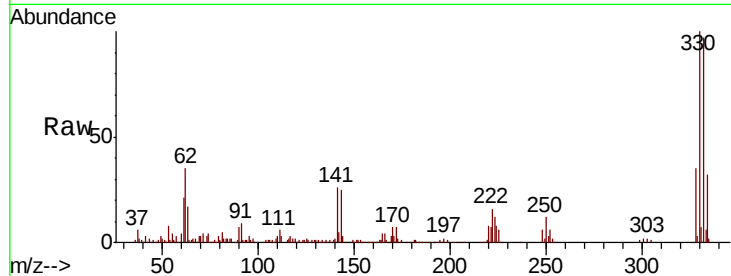
#42
 2,4,6-Tribromophenol
 Concen: 81.640 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113646.D
 Acq: 8 Apr 2019 18:28

Instrument :
 BNA_F
 ClientSampled :
 HA-040519

Tot Ion	Ratio	Resp	Lower	Upper
330	100	220262		
332	97.6		77.8	116.6
141	27.1		22.7	34.1

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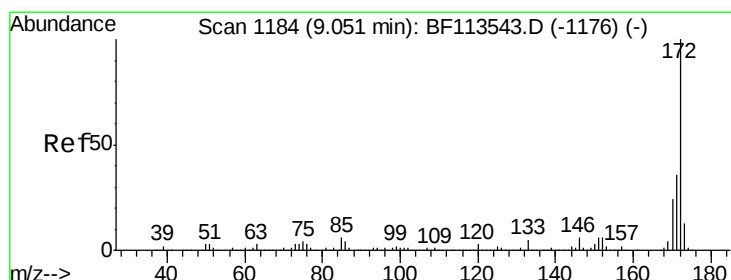
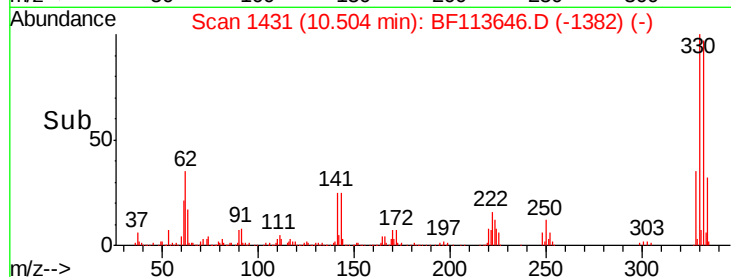
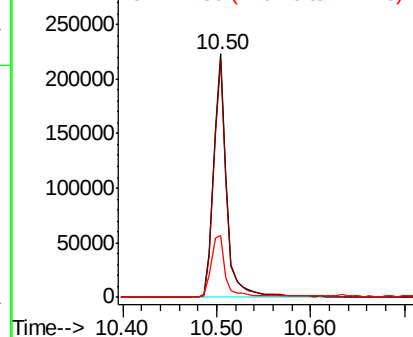


Abundance

Ion 329.80 (329.50 to 330.50): E

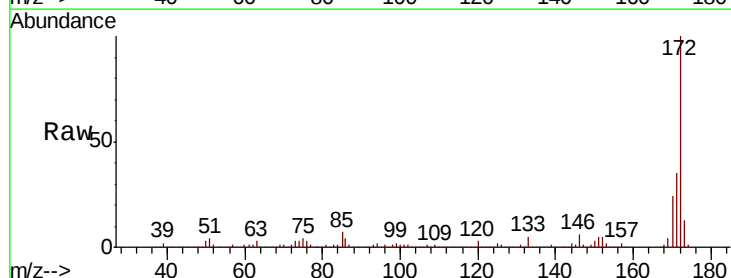
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 58.867 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113646.D
 Acq: 8 Apr 2019 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	821255		
171	35.0		29.0	43.6
170	23.7		19.5	29.3

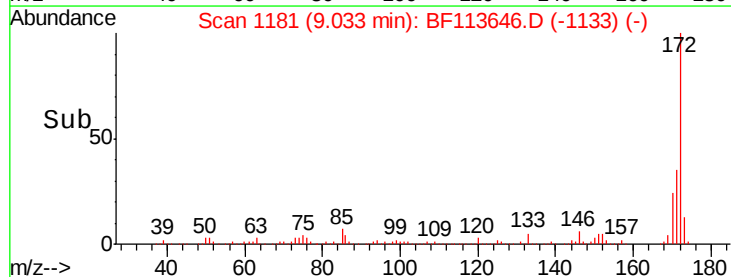
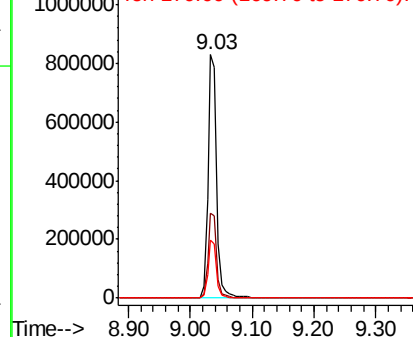


Abundance

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





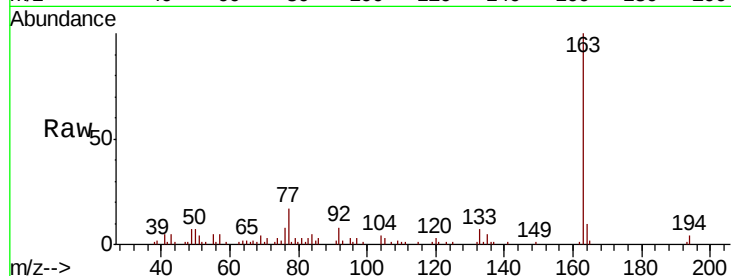
#50
Dimethylphthalate
Concen: 3.084 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113646.D
Acq: 8 Apr 2019 18:28

Instrument :
BNA_F
ClientSampleId :
HA-040519

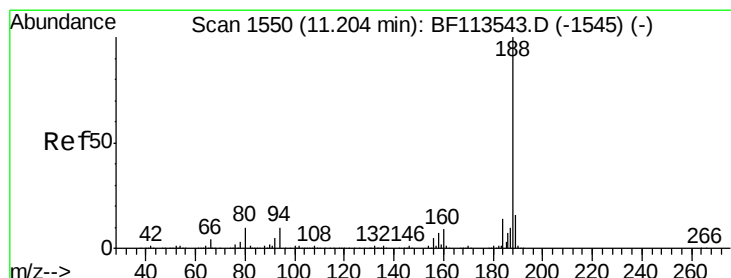
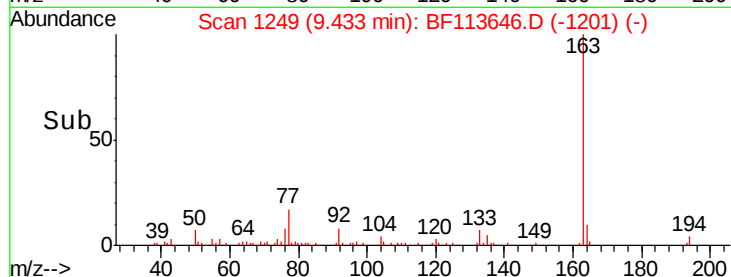
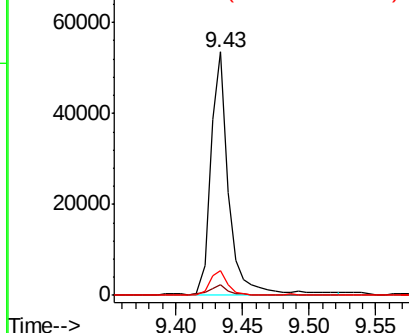
Tot Ion	Ratio	Resp	Lower	Upper
163	100	51050		
194	4.1		3.0	4.6
164	10.3		8.1	12.1

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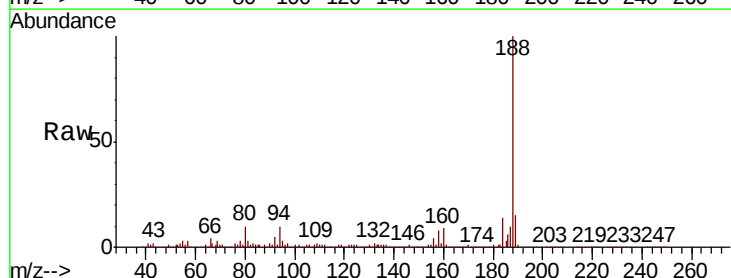


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

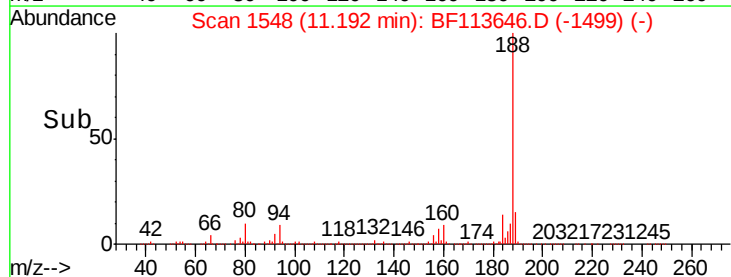
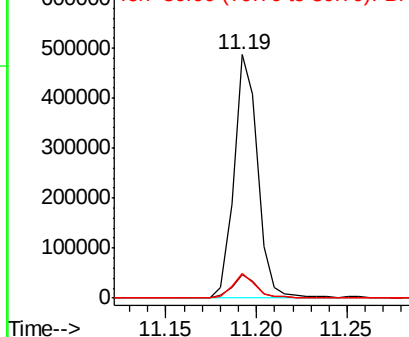


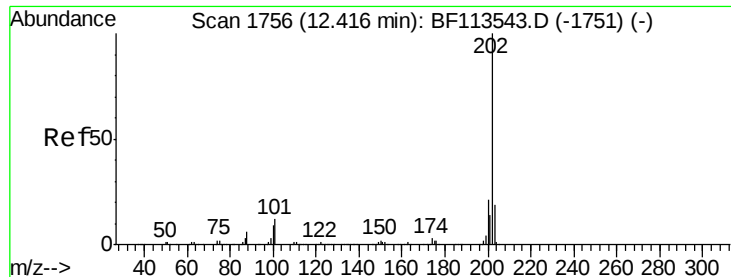
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113646.D
Acq: 8 Apr 2019 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	443025		
94	9.7		7.0	10.6
80	10.3		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





#75

Fluoranthene

Concen: 3.804 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113646.D

Acq: 8 Apr 2019 18:28

Instrument :

BNA_F

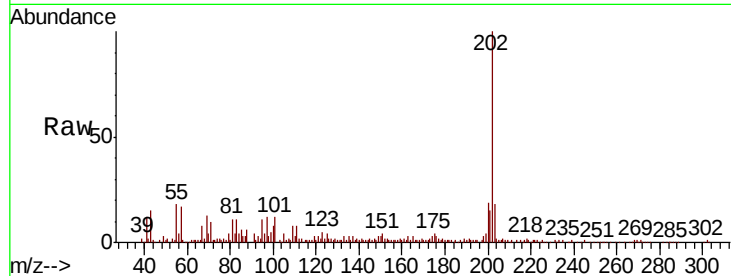
ClientSampleId :

HA-040519

Tot Ion:	202	Resp:	89735
Ion Ratio		Lower	Upper
202	100		
101	11.8	0.0	31.4
203	18.2	0.0	38.0

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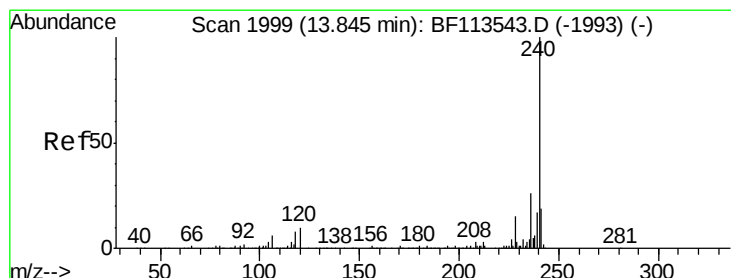
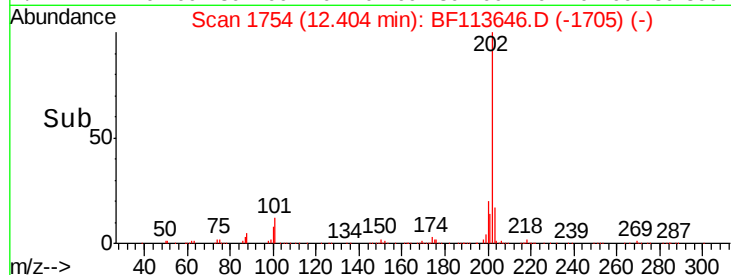
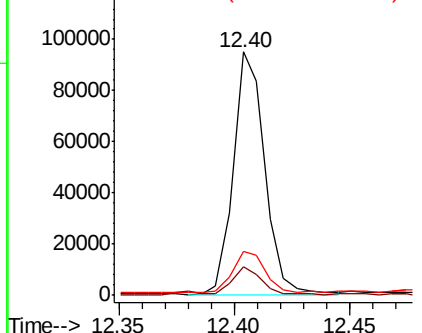


Abundance

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: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113646.D

Acq: 8 Apr 2019 18:28

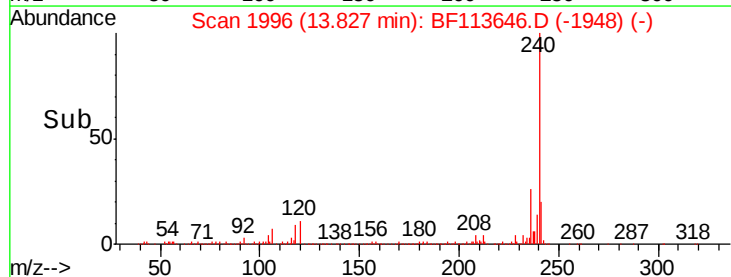
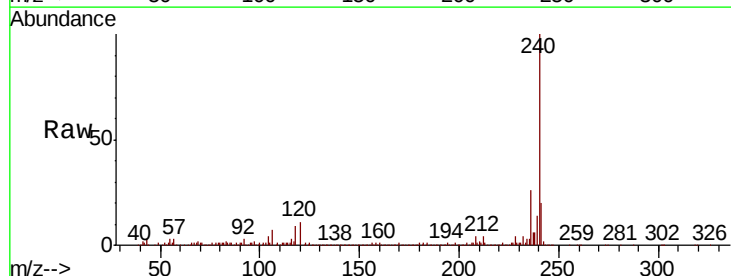
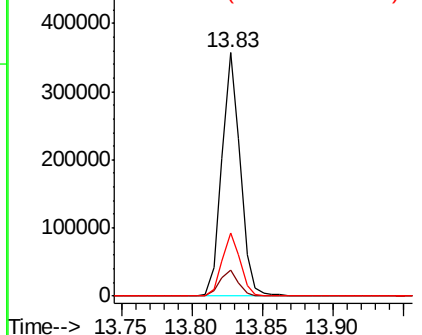
Tgt Ion:	240	Resp:	324878
Ion Ratio		Lower	Upper
240	100		
120	10.9	8.8	13.2
236	25.8	20.9	31.3

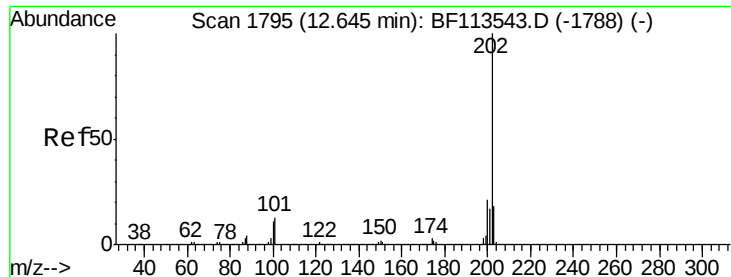
Abundance

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: 3.491 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF113646.D

Acq: 8 Apr 2019 18:28

Instrument :

BNA_F

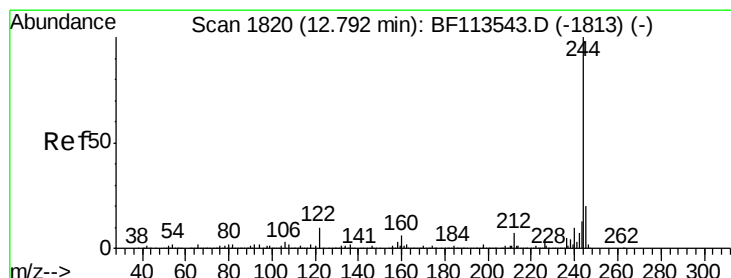
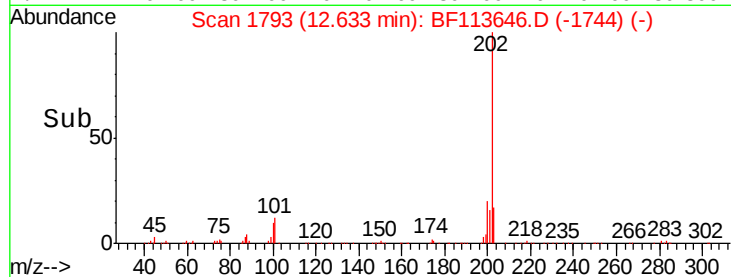
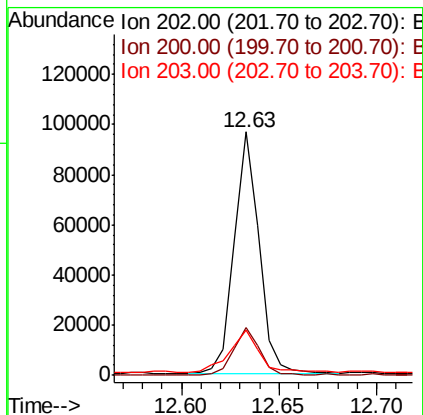
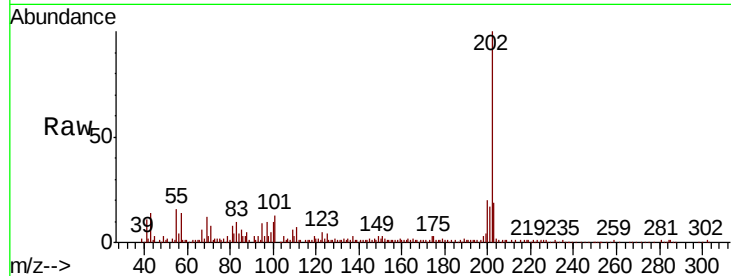
ClientSampleId :

HA-040519

Tot Ion:	202	Resp:	86297
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.8	25.2
203	18.5	14.4	21.6

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#79

Terphenyl-d14

Concen: 53.112 ng

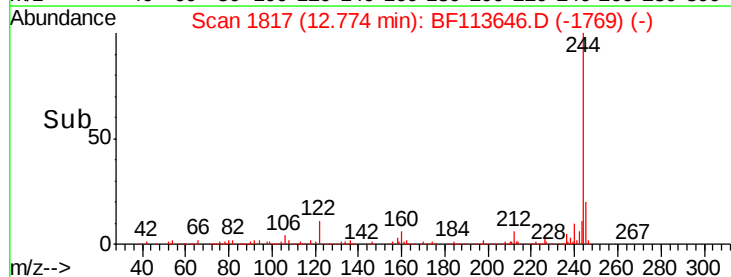
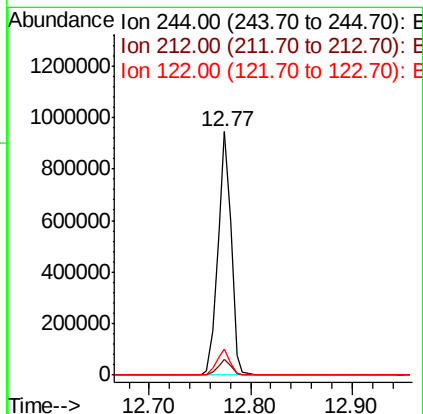
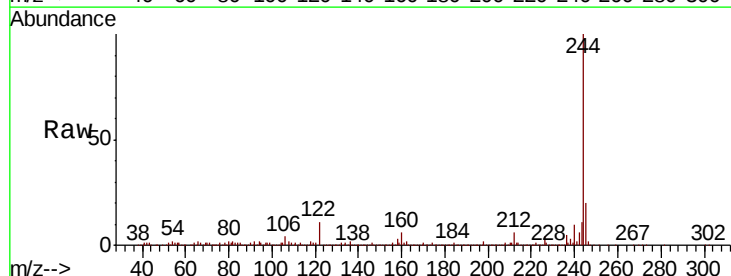
RT: 12.77 min Scan# 1817

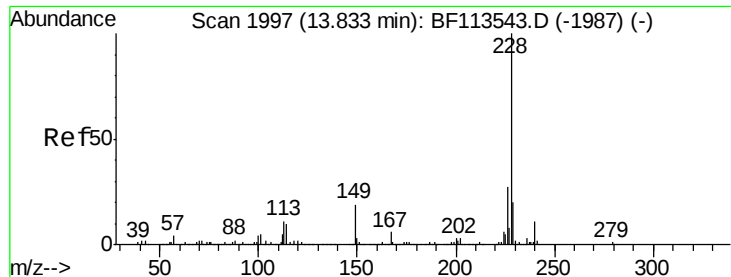
Delta R.T. -0.02 min

Lab File: BF113646.D

Acq: 8 Apr 2019 18:28

Tgt Ion:	244	Resp:	847488
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.5	8.3
122	10.7	8.6	13.0





#81

Benzo(a)anthracene

Concen: 2.221 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113646.D

Acq: 8 Apr 2019 18:28

Instrument :

BNA_F

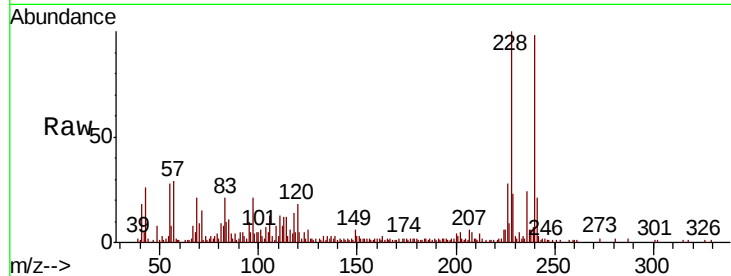
ClientSampleId :

HA-040519

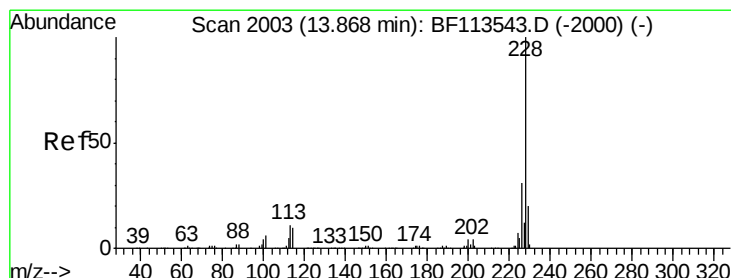
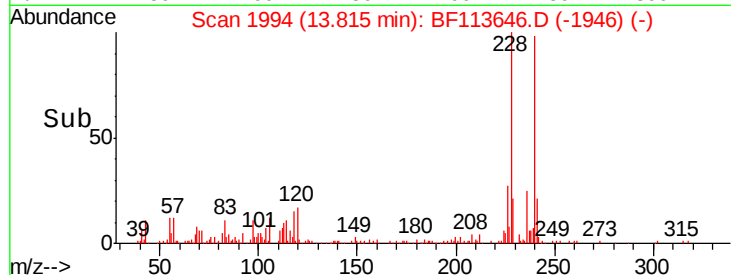
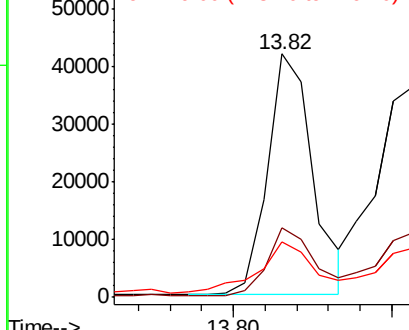
Tot Ion:	228	Resp:	41624
Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.8
229	22.5	16.2	24.4

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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: 2.222 ng

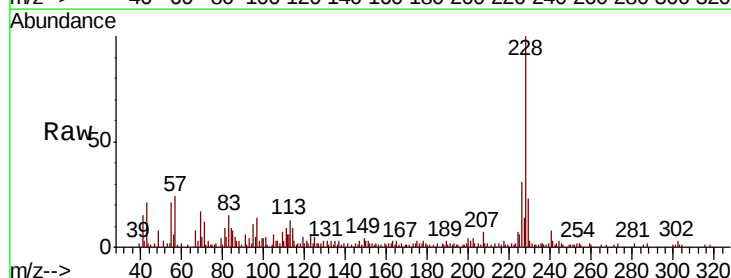
RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

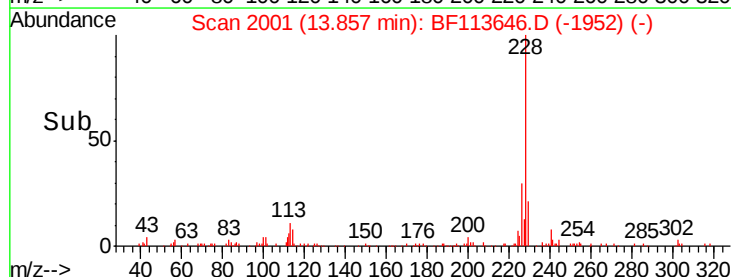
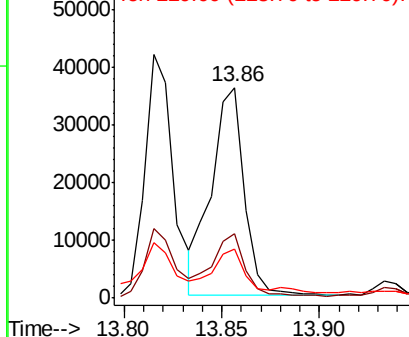
Lab File: BF113646.D

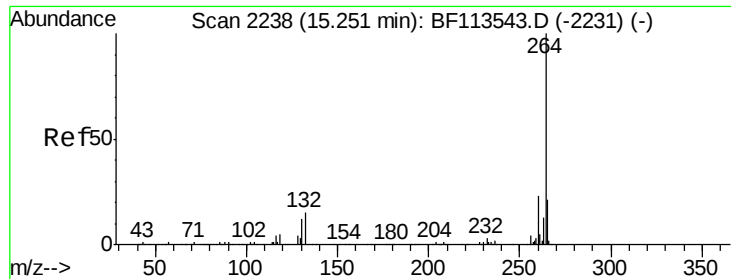
Acq: 8 Apr 2019 18:28

Tgt Ion:	228	Resp:	42213
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	23.2	16.3	24.5



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





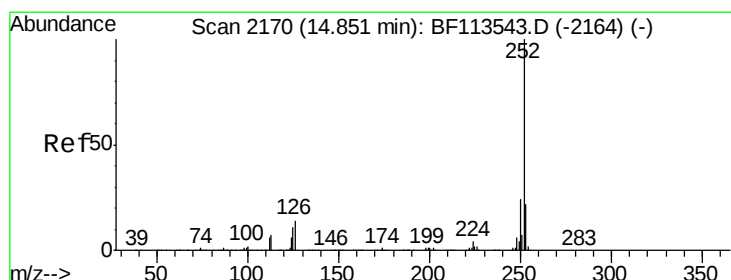
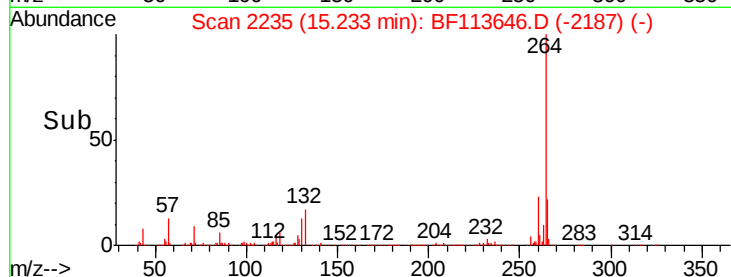
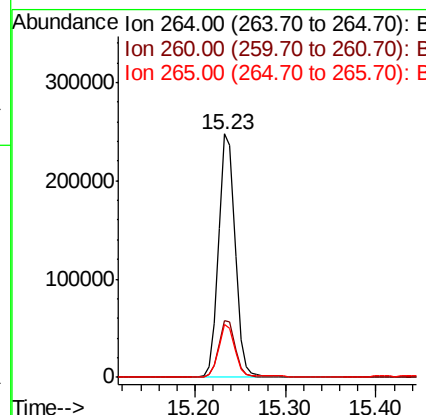
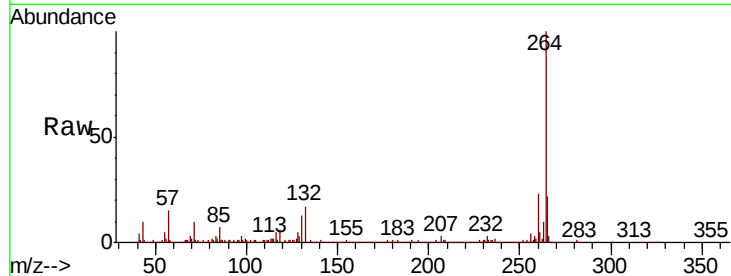
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113646.D
Acq: 8 Apr 2019 18:28

Instrument :
BNA_F
ClientSampleId :
HA-040519

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.7	17.1	25.7

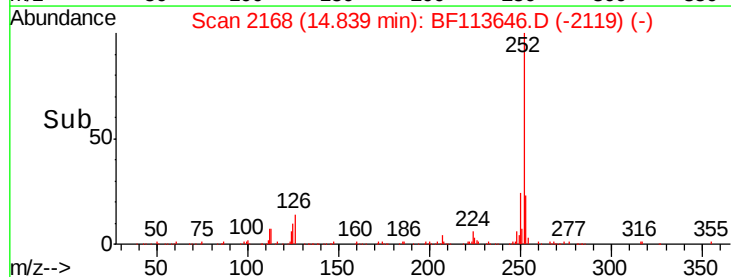
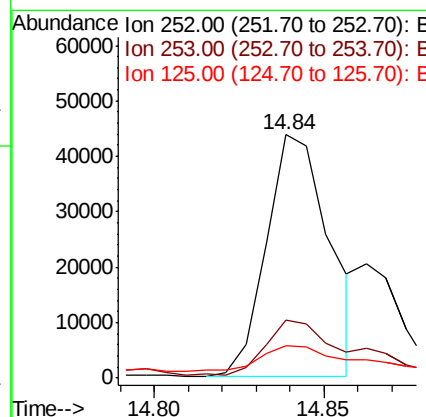
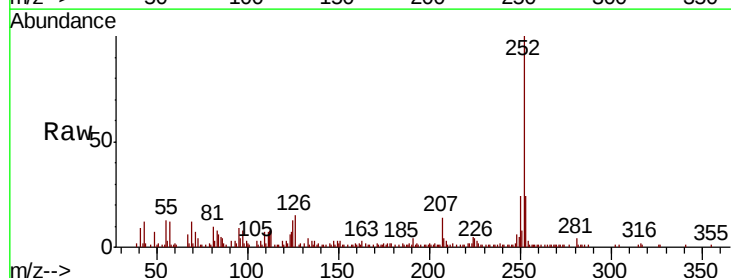
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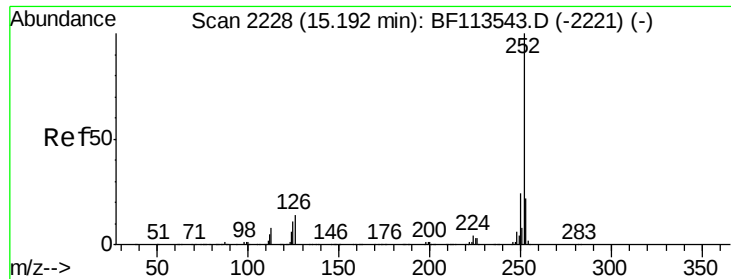
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#88
Benzo(b)fluoranthene
Concen: 2.915 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113646.D
Acq: 8 Apr 2019 18:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	13.5	7.6	11.4





#90
Benzo(a)pyrene
Concen: 2.067 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113646.D
Acq: 8 Apr 2019 18:28

Instrument :
BNA_F
ClientSampleId :
HA-040519

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	14.6	8.8	13.2

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4/9/2019 10:15:52 AM

