

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112651.D
 Acq On : 21 Feb 2019 14:35
 Operator : JU/SJ
 Sample : K1345-03 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022019

Manual Integrations
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 2/22/2019 9:04:25 AM

Quant Time: Feb 22 01:15:57 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	6.82	152	88051	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	356520	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	167193	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	286810	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	221891	20.00	ng	-0.01
87) Perylene-d12	15.47	264	224328	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	254762	61.46	ng	-0.02
7) Phenol-d6	6.47	99	326219	56.63	ng	-0.02
23) Nitrobenzene-d5	7.39	82	214428	34.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	97228	49.96	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	433420	36.66	ng	-0.03
79) Terphenyl-d14	12.93	244	362982	30.81	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.57	163	35779	2.754	ng	Qvalue # 98
58) Fluorene	10.41	166	41344	3.643	ng	97
71) Phenanthrene	11.37	178	302407	20.281	ng	97
72) Anthracene	11.43	178	79629	5.361	ng	98
75) Fluoranthene	12.57	202	406519	25.419	ng	96
78) Pyrene	12.80	202	340062	22.136	ng	97
81) Benzo(a)anthracene	13.99	228	163175	12.510	ng	99
83) Chrysene	14.02	228	132323	10.627	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	62112m	6.296	ng	
88) Benzo(b)fluoranthene	15.04	252	195230m	14.552	ng	
89) Benzo(k)fluoranthene	15.07	252	48539m	3.777	ng	
90) Benzo(a)pyrene	15.41	252	131481	10.892	ng	99
92) Benzo(a,h,i)perylene	17.42	276	55952	6.096	ng	98

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

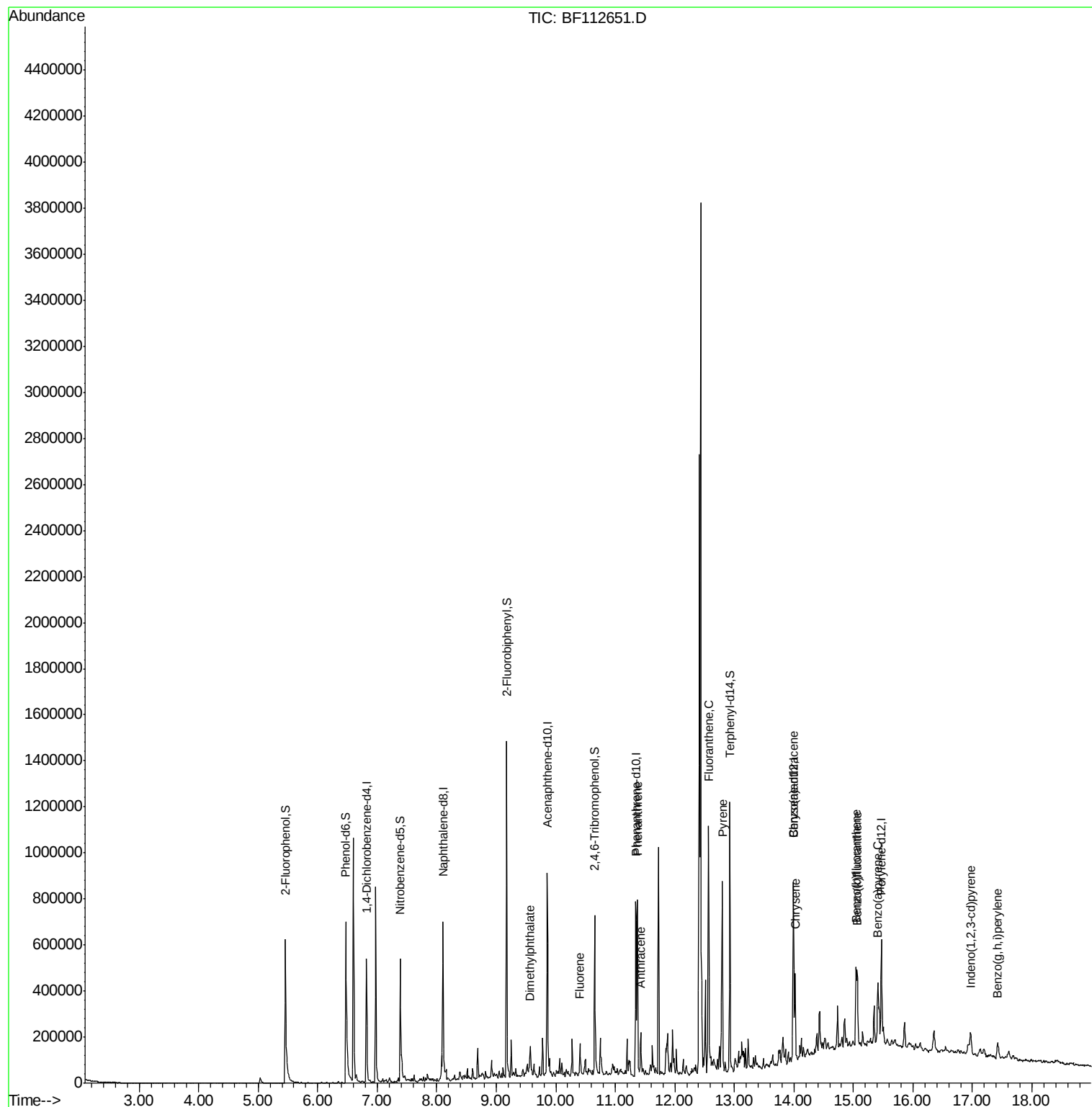
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112651.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

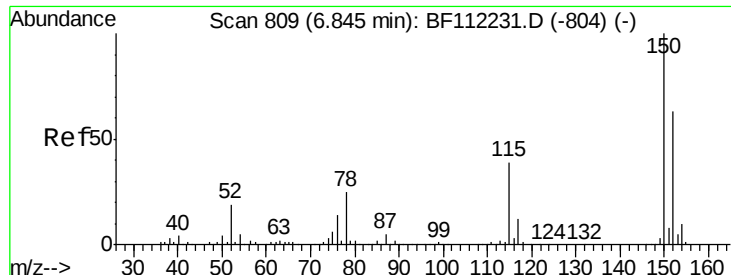
Instrument :
BNA_F
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HD-01-022019

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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

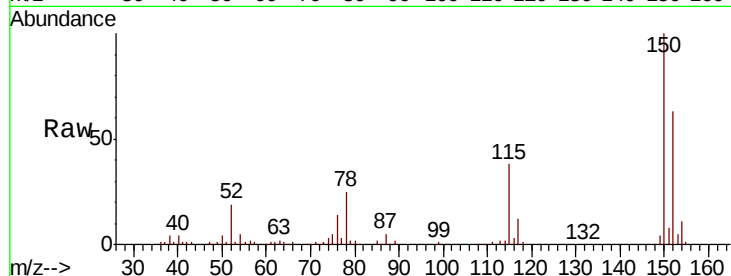
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112651.D
Acq: 21 Feb 2019 14:35

Instrument :
BNA_F
ClientSampleId :
HD-01-022019

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.4	191.0
115	60.4	45.5	68.3

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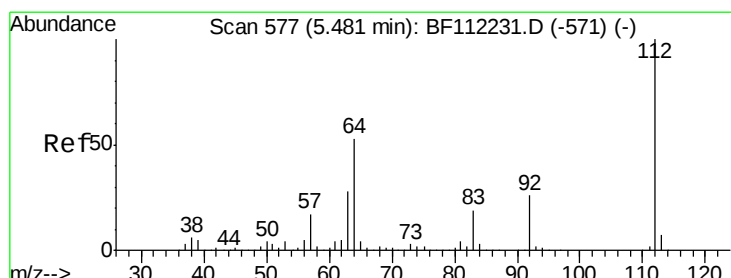
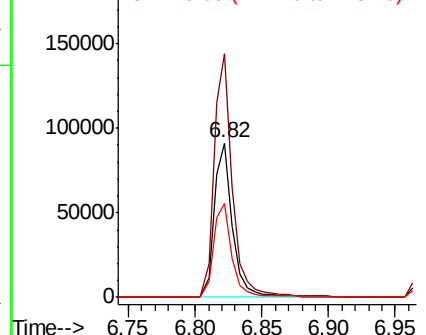
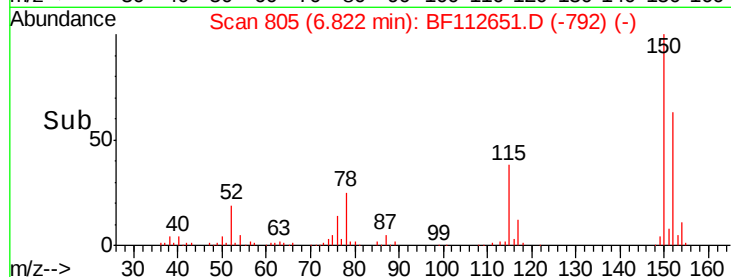


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

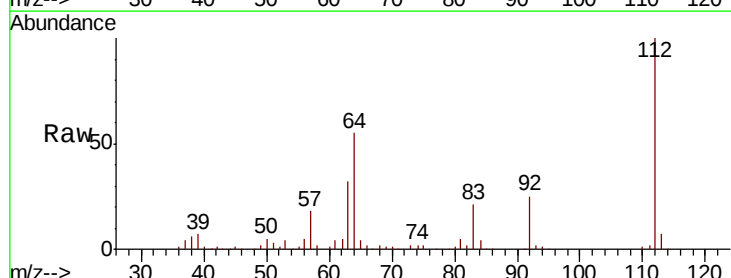
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 61.457 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112651.D
Acq: 21 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.7	68.5
63	31.5	23.6	35.4

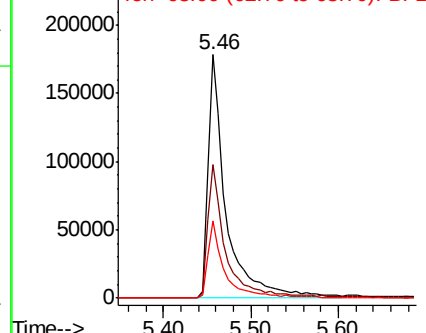
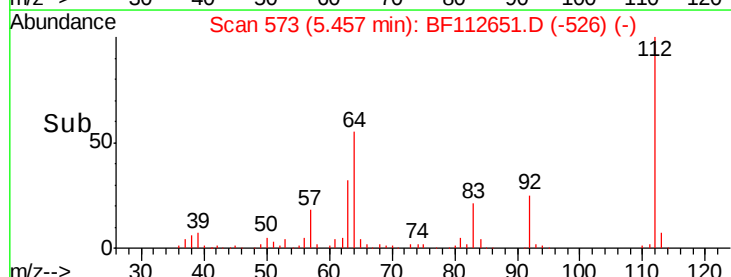


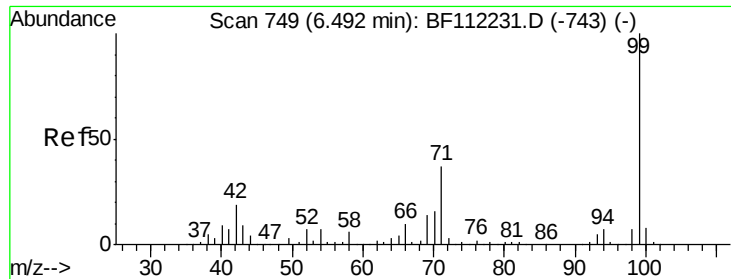
Abundance

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: 56.633 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112651.D

Acq: 21 Feb 2019 14:35

Instrument :

BNA_F

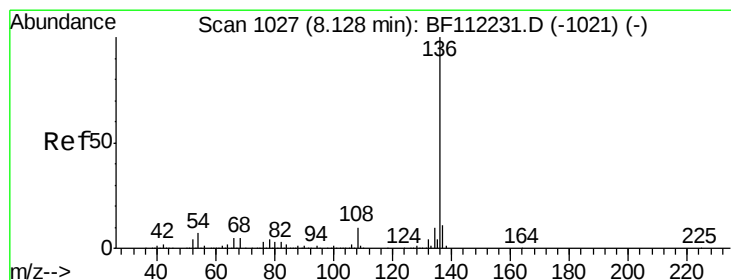
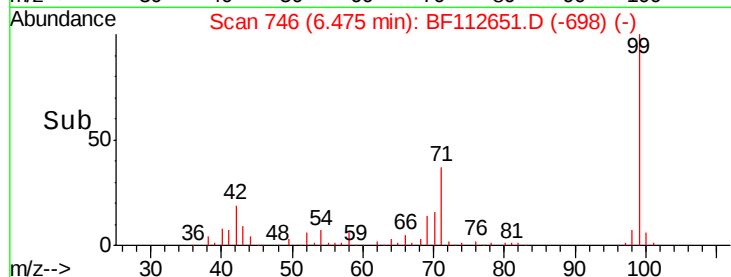
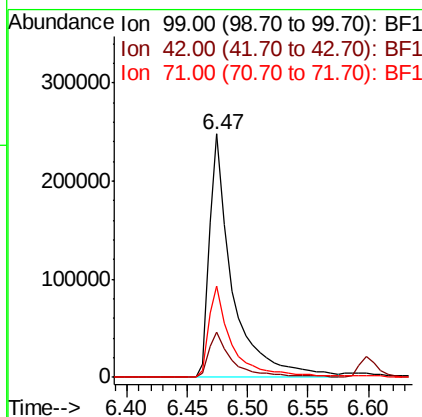
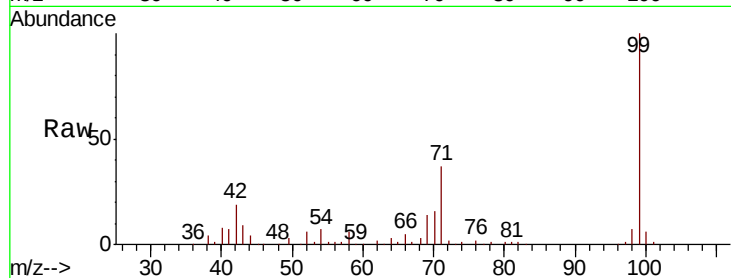
ClientSampleId :

HD-01-022019

Tot Ion:	99	Resp:	326219
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.1	22.7
71	37.5	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

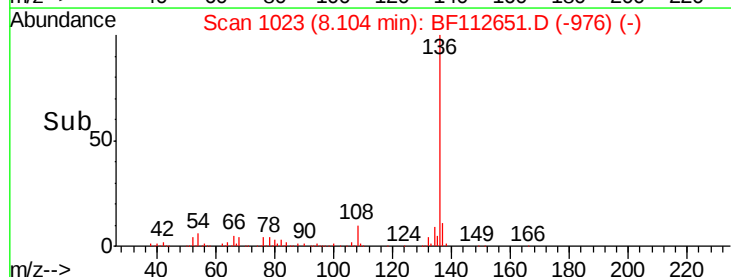
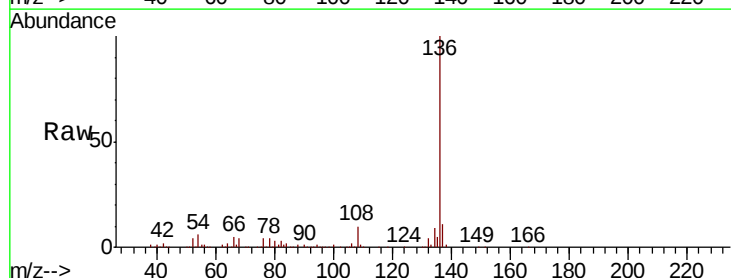
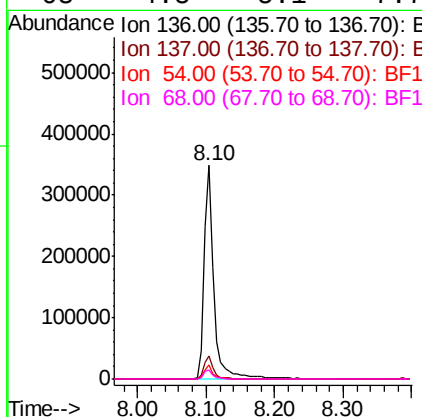
RT: 8.10 min Scan# 1023

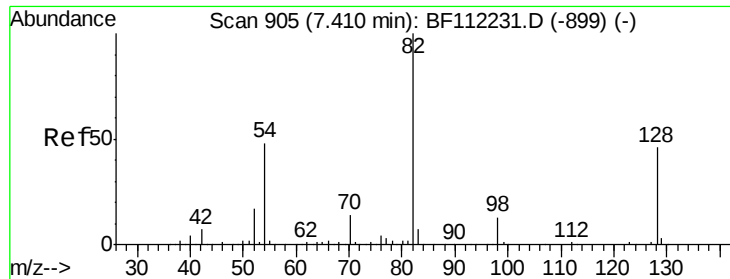
Delta R.T. -0.02 min

Lab File: BF112651.D

Acq: 21 Feb 2019 14:35

Tgt Ion:	136	Resp:	356520
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.4	5.9	8.9
68	4.5	5.1	7.7#





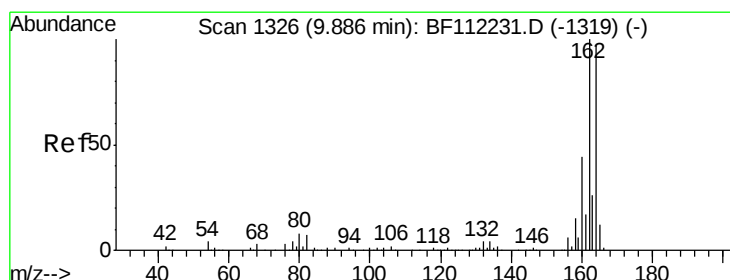
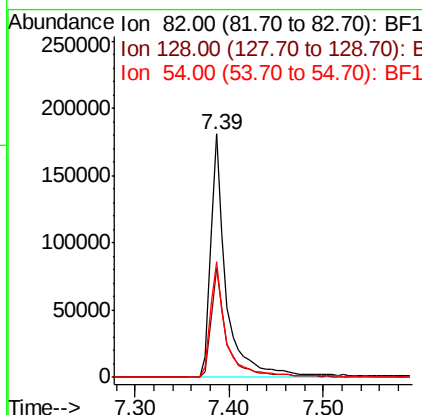
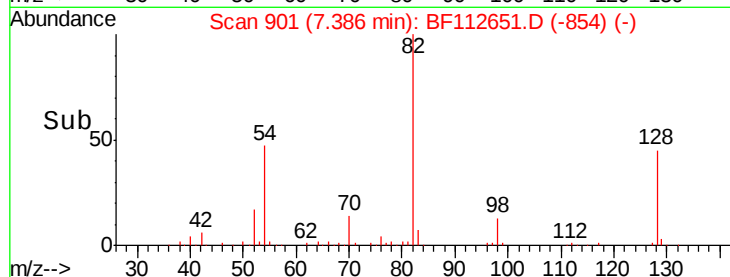
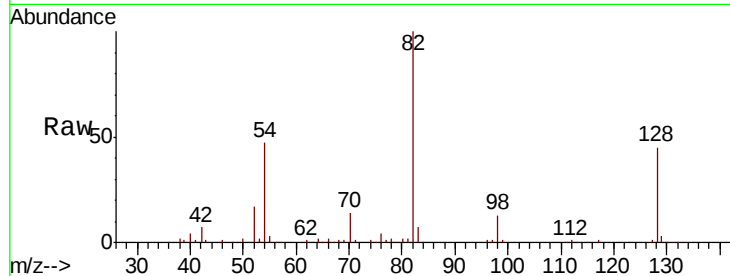
#23
Nitrobenzene-d5
Concen: 34.655 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112651.D
Acq: 21 Feb 2019 14:35

Instrument :
BNA_F
ClientSampled :
HD-01-022019

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.8	56.8
54	47.5	39.7	59.5

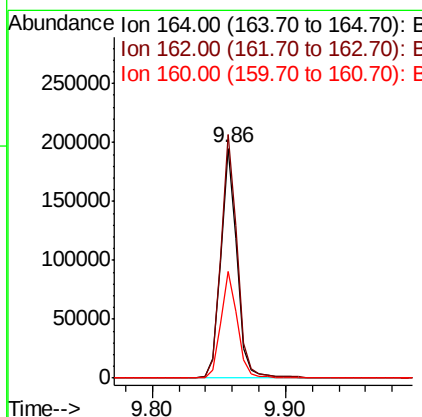
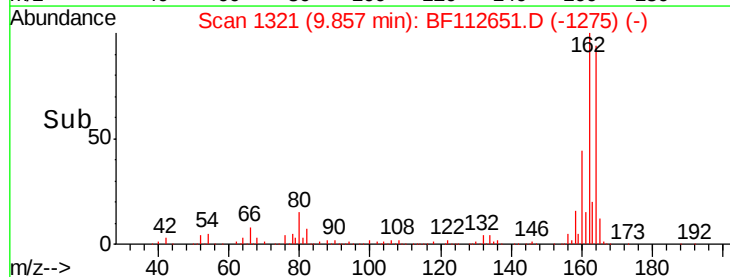
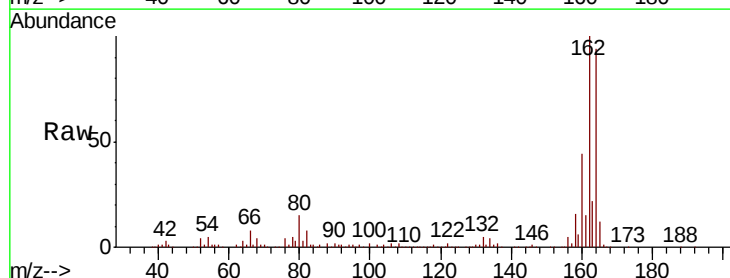
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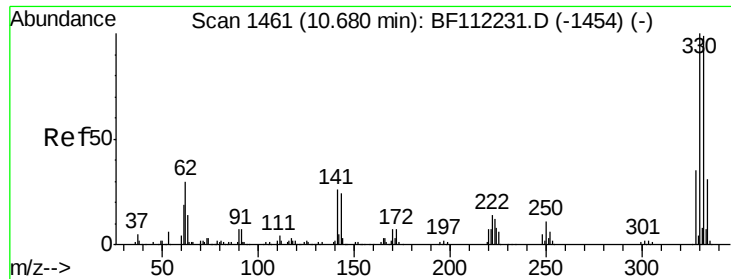
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112651.D
Acq: 21 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.2	123.4
160	46.2	36.2	54.4





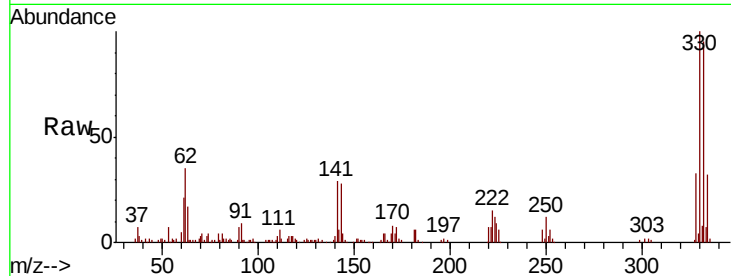
#42
 2,4,6-Tribromophenol
 Concen: 49.961 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112651.D
 Acq: 21 Feb 2019 14:35

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022019

Tot Ion	Ratio	Resp	Lower	Upper
330	100	97228		
332	96.4		76.6	114.8
141	36.8		24.3	36.5#

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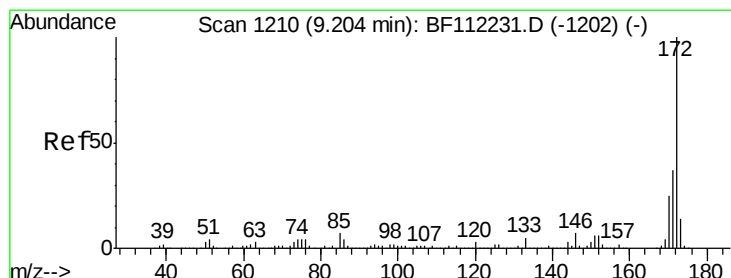
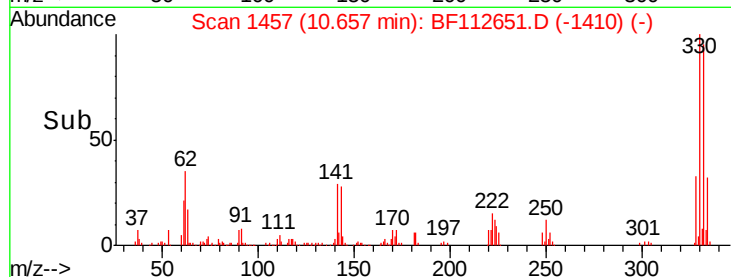
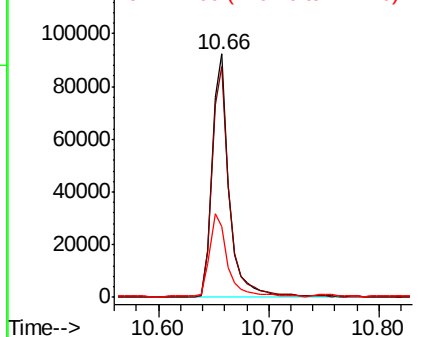


Abundance

Ion 329.80 (329.50 to 330.50): E

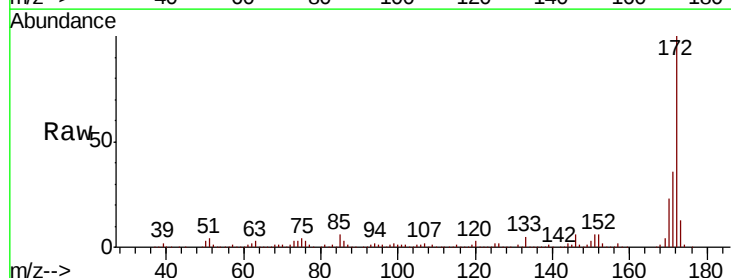
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 36.664 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112651.D
 Acq: 21 Feb 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	433420		
171	36.0		30.5	45.7
170	22.6		20.2	30.4

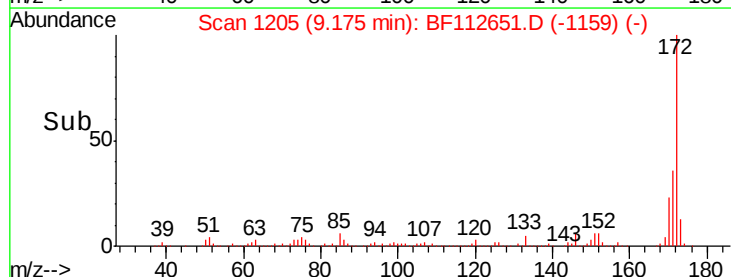
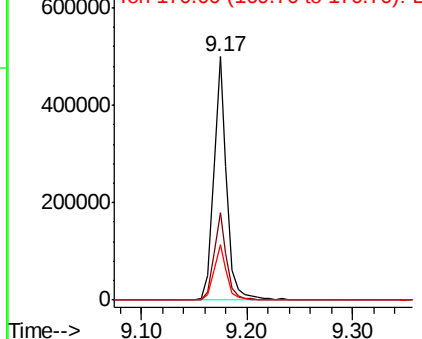


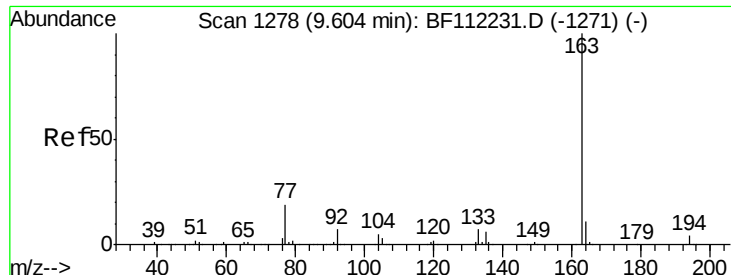
Abundance

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





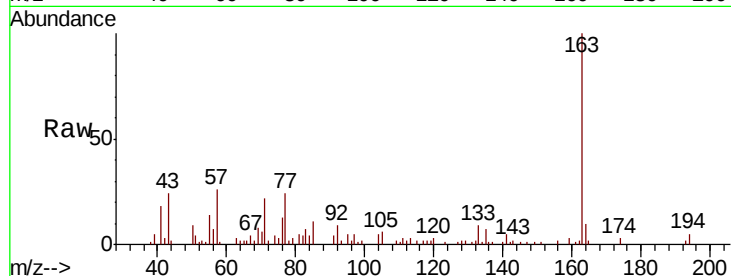
#50
Dimethylphthalate
Concen: 2.754 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF112651.D
Acq: 21 Feb 2019 14:35

Instrument :
BNA_F
ClientSampleId :
HD-01-022019

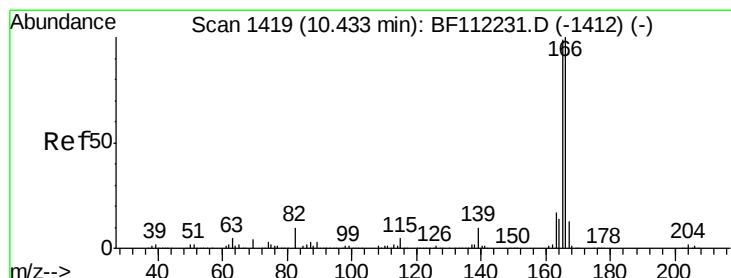
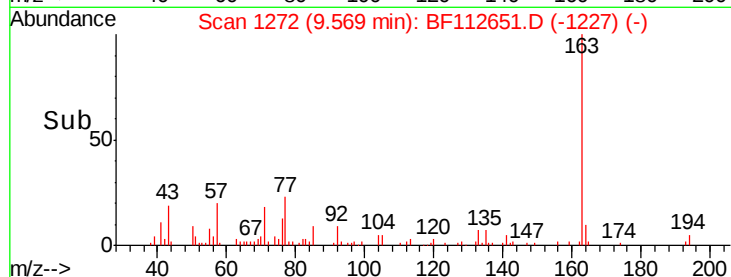
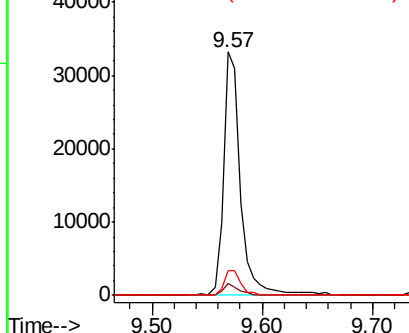
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.3	4.9#
164	10.1	8.5	12.7

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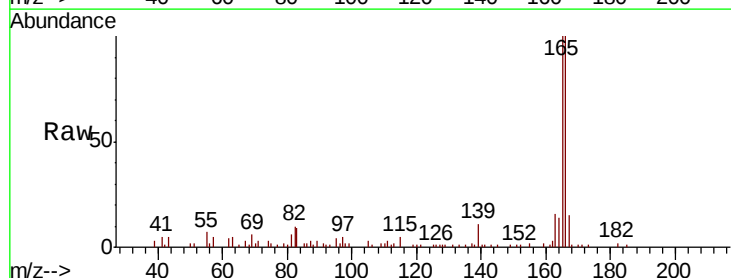


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

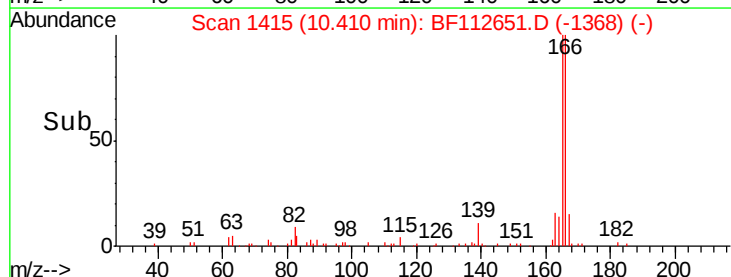
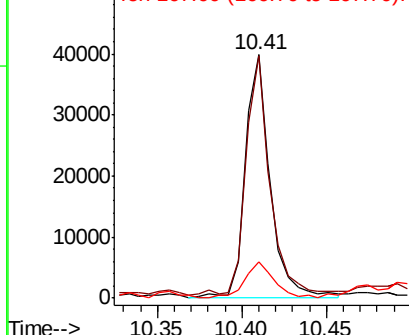


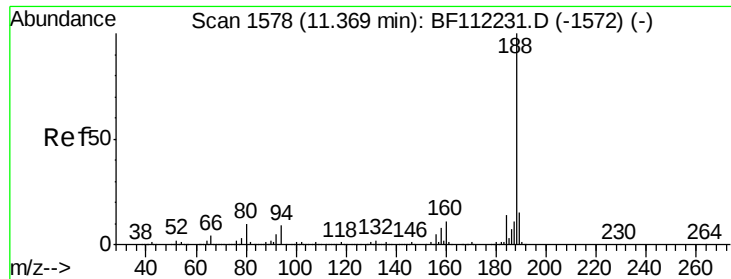
#58
Fluorene
Concen: 3.643 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF112651.D
Acq: 21 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.1	115.7
167	15.0	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





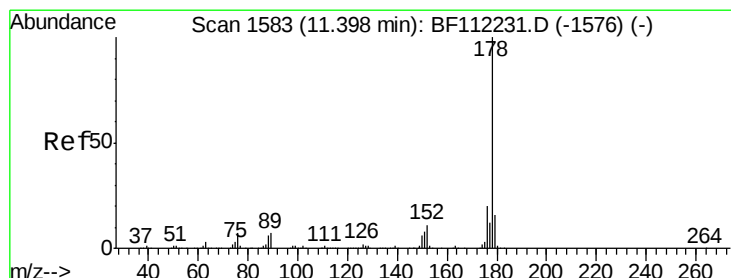
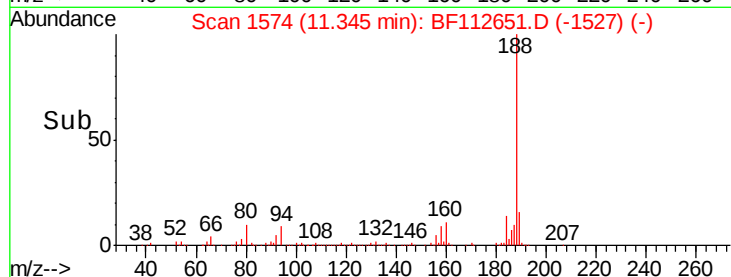
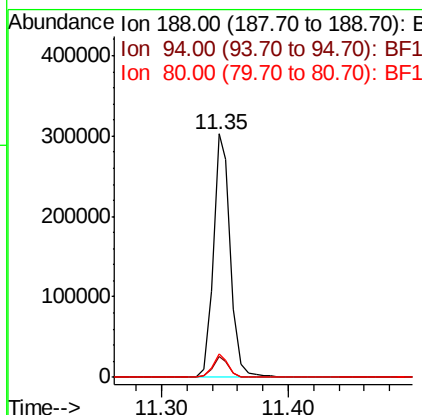
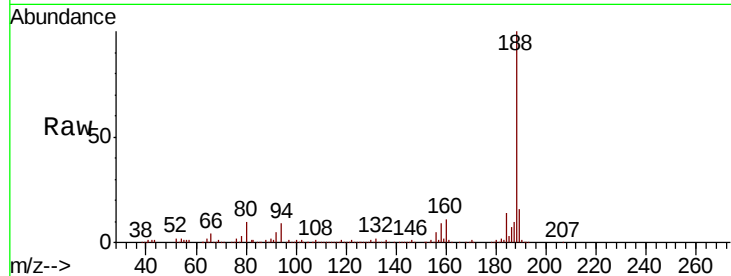
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF112651.D
Acq: 21 Feb 2019 14:35

Instrument :
BNA_F
ClientSampleId :
HD-01-022019

Tot Ion	Ratio	Resp	Lower	Upper
188	100	286810		
94	8.8		8.2	12.2
80	9.8		8.9	13.3

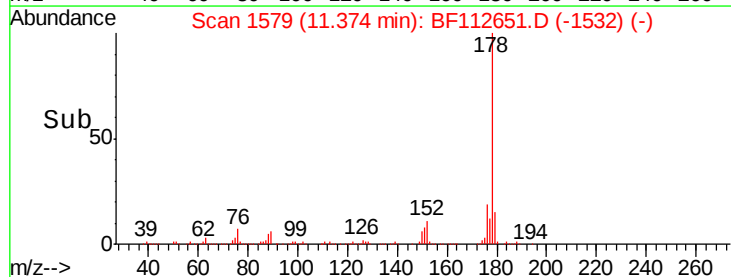
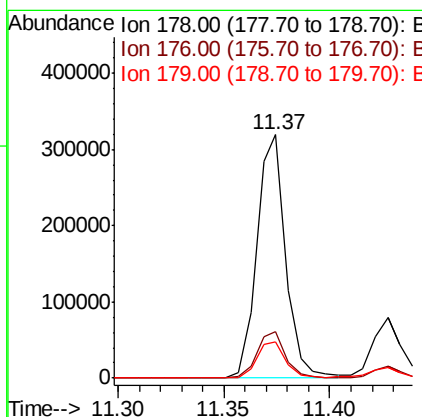
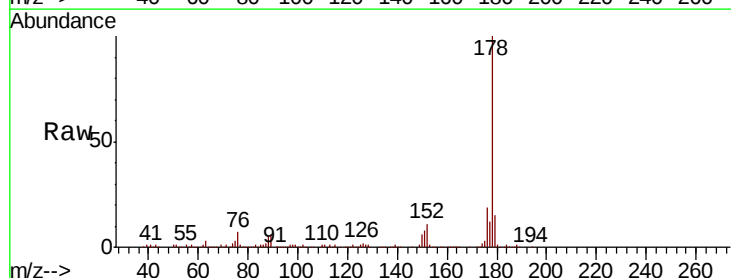
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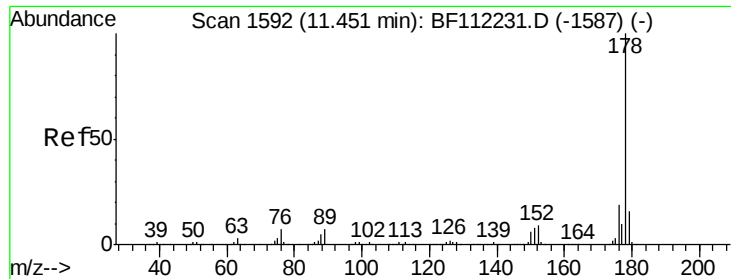
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#71
Phenanthrene
Concen: 20.281 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF112651.D
Acq: 21 Feb 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	302407		
176	19.1		16.3	24.5
179	15.0		13.0	19.4





#72

Anthracene

Concen: 5.361 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF112651.D

Acq: 21 Feb 2019 14:35

Instrument :

BNA_F

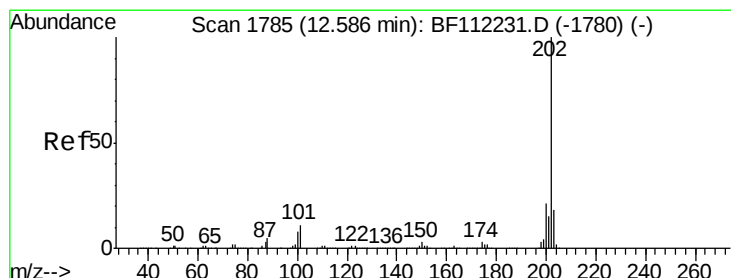
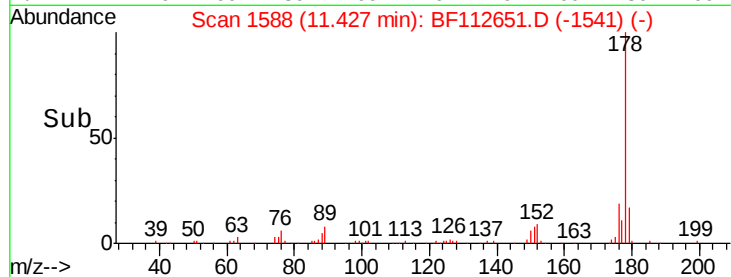
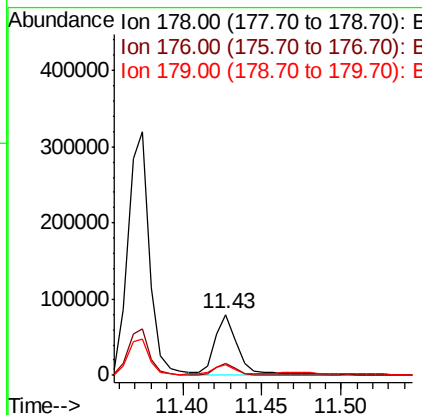
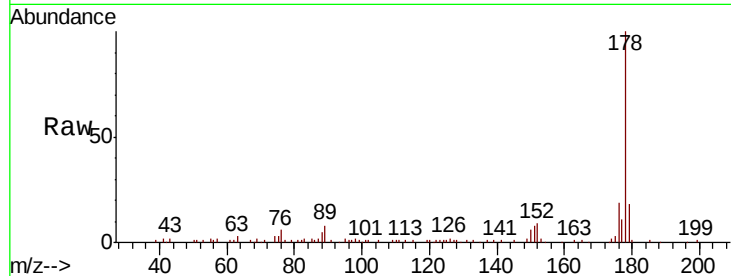
ClientSampleId :

HD-01-022019

Tot Ion:	178	Resp:	79629
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.5	23.3
179	17.7	12.8	19.2

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#75

Fluoranthene

Concen: 25.419 ng

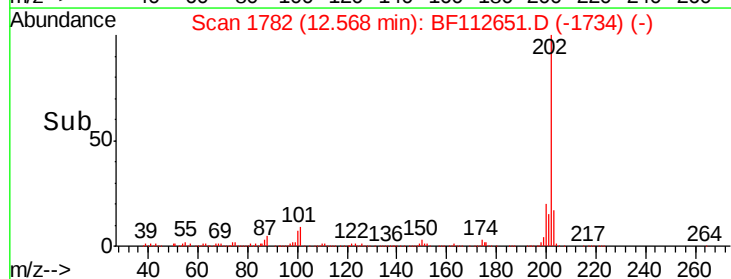
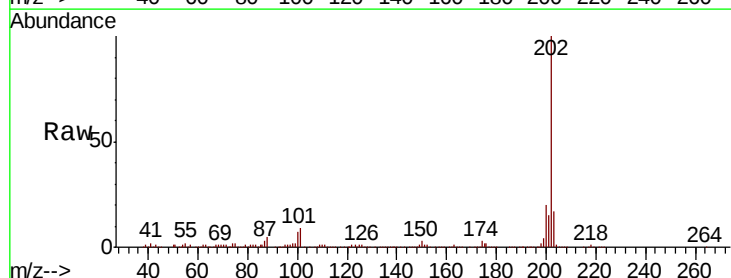
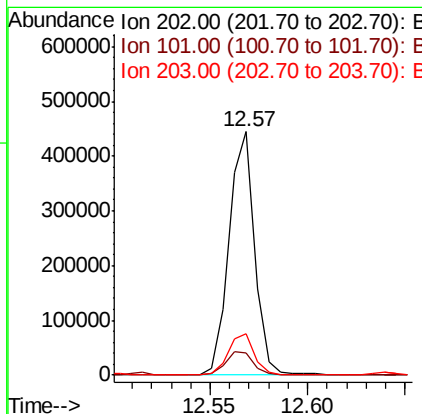
RT: 12.57 min Scan# 1782

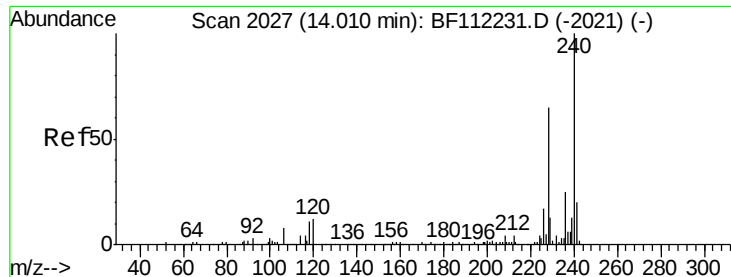
Delta R.T. -0.02 min

Lab File: BF112651.D

Acq: 21 Feb 2019 14:35

Tgt Ion:	202	Resp:	406519
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	31.8
203	17.2	0.0	38.4





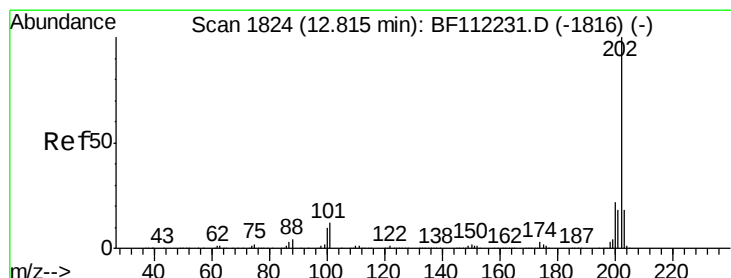
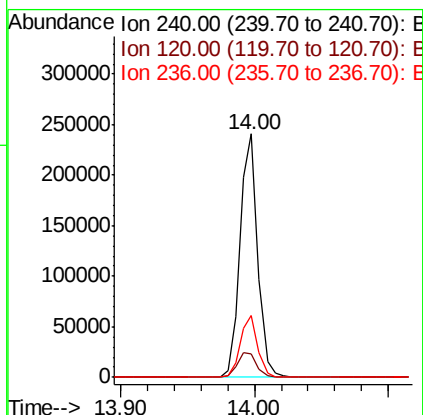
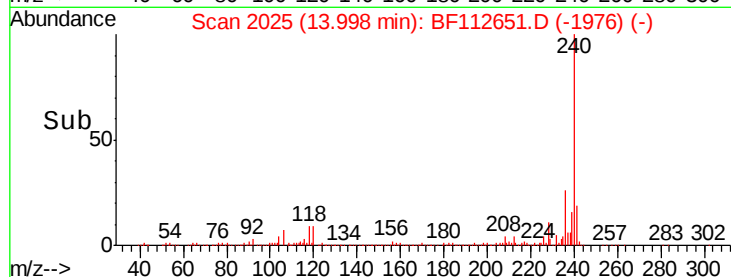
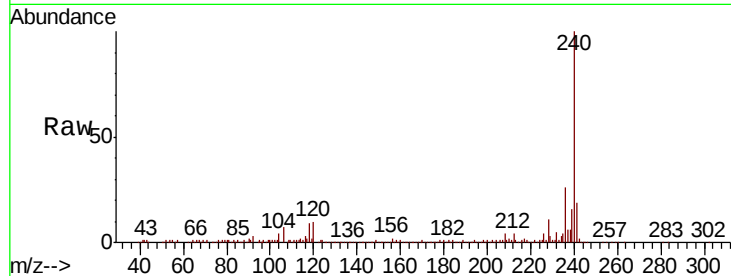
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112651.D
Acq: 21 Feb 2019 14:35

Instrument :
BNA_F
ClientSampleId :
HD-01-022019

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.0	13.6
236	25.7	20.7	31.1

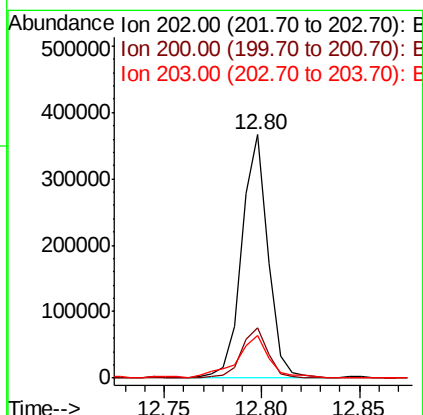
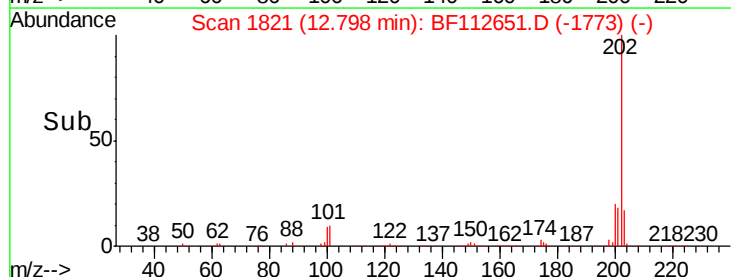
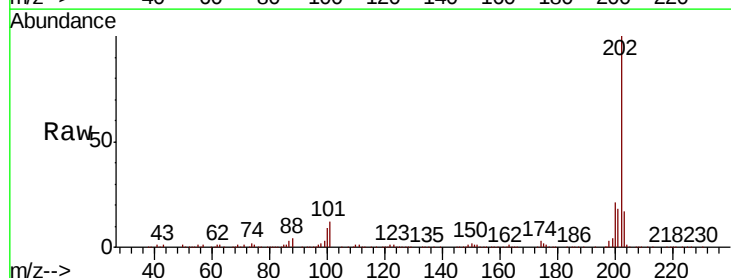
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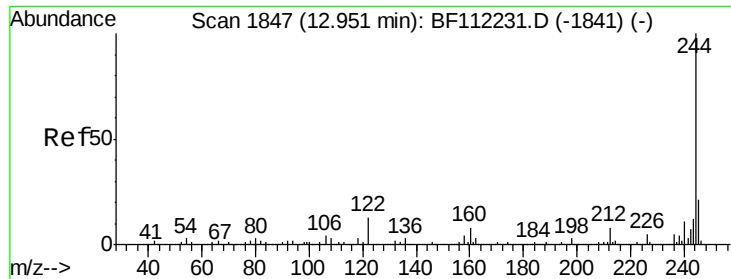
Sohil
2/22/2019 9:04:25 AM



#78
Pyrene
Concen: 22.136 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF112651.D
Acq: 21 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.7	26.5
203	17.3	14.6	22.0





#79

Terphenyl-d14

Concen: 30.810 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF112651.D

Acq: 21 Feb 2019 14:35

Instrument :

BNA_F

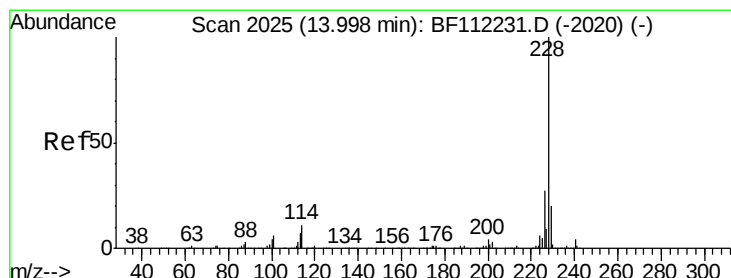
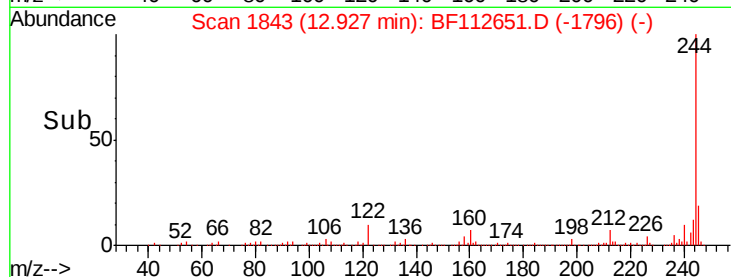
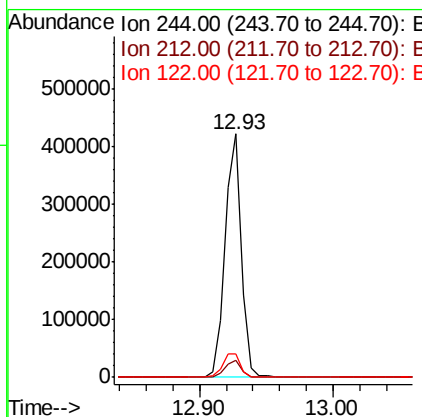
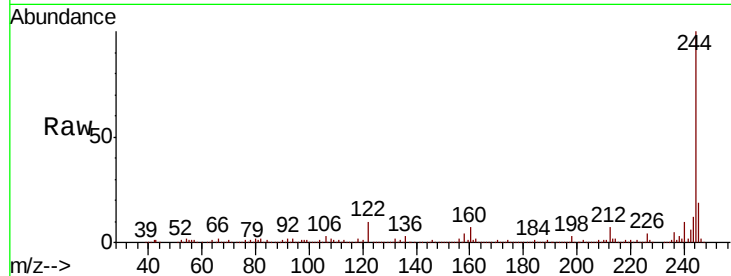
ClientSampleId :

HD-01-022019

Tot Ion:	244	Resp:	362982
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.9	8.9
122	9.8	9.8	14.6

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#81

Benzo(a)anthracene

Concen: 12.510 ng

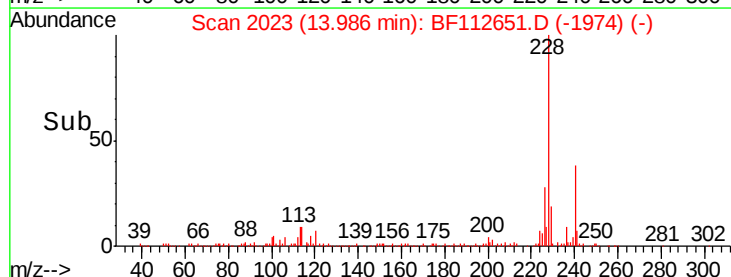
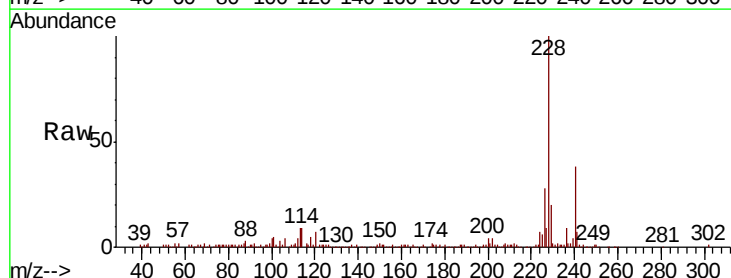
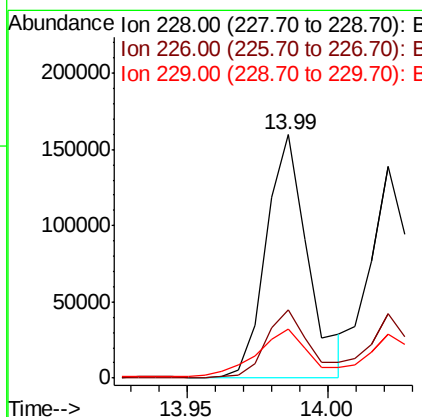
RT: 13.99 min Scan# 2023

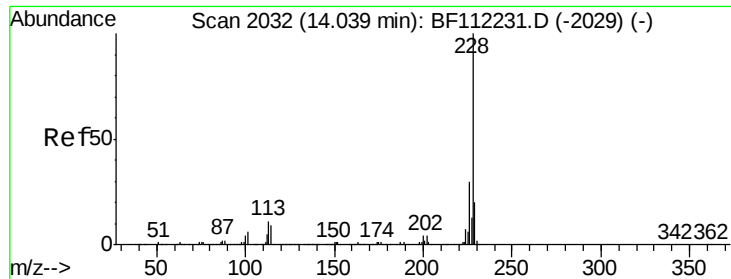
Delta R.T. -0.01 min

Lab File: BF112651.D

Acq: 21 Feb 2019 14:35

Tgt Ion:	228	Resp:	163175
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	34.0
229	20.0	16.5	24.7





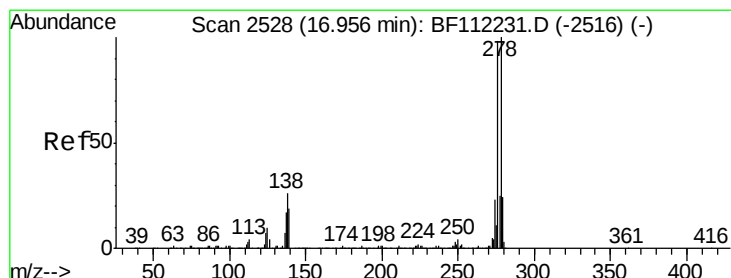
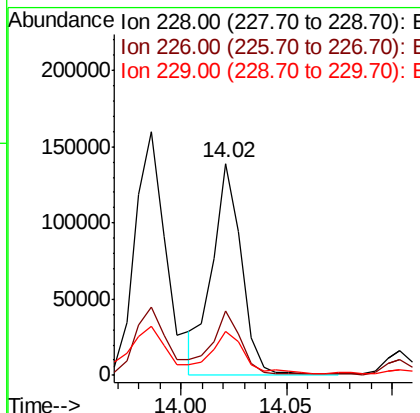
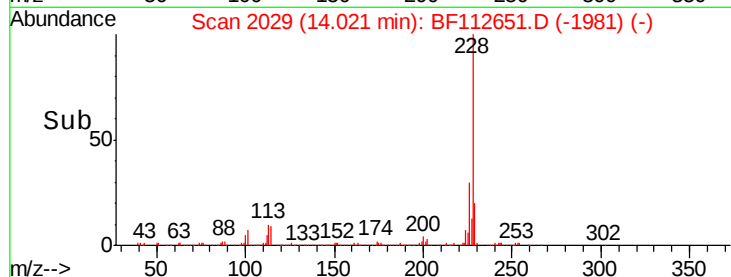
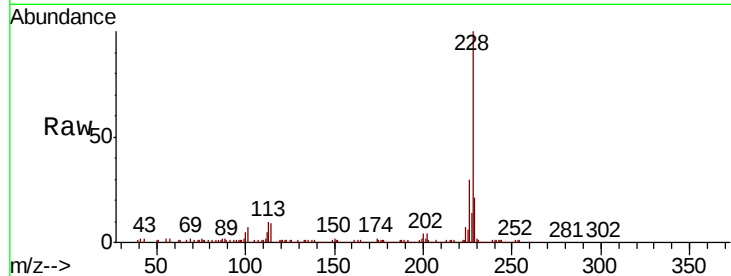
#83
Chrysene
Concen: 10.627 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF112651.D
Acq: 21 Feb 2019 14:35

Instrument :
BNA_F
ClientSampleId :
HD-01-022019

Tot Ion:	228	Resp:	132323
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	21.0	16.6	24.8

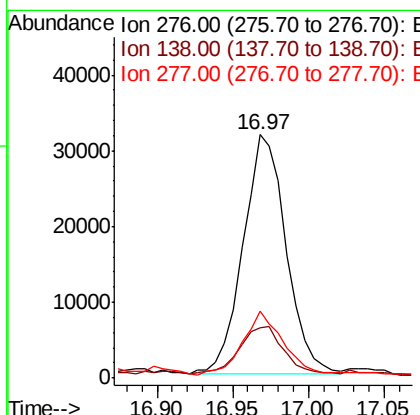
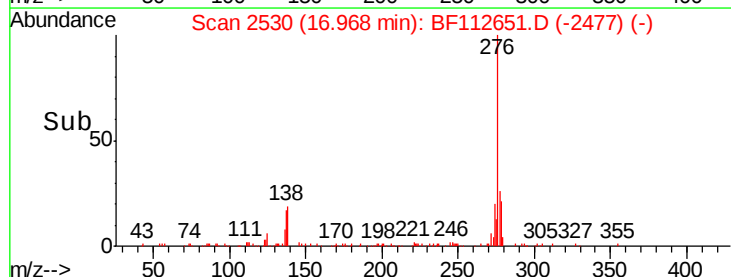
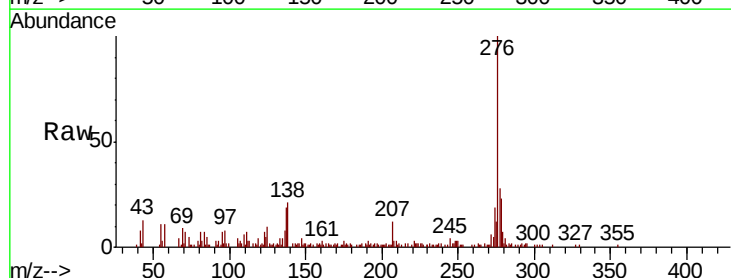
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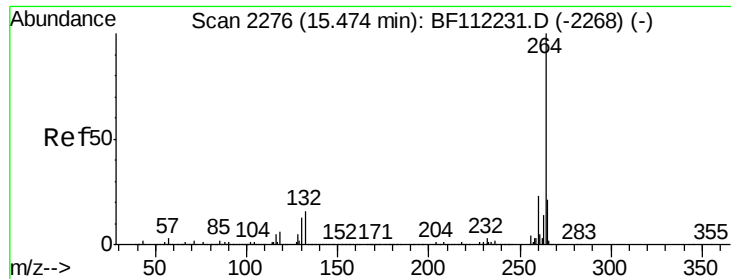
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 6.296 ng m
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF112651.D
Acq: 21 Feb 2019 14:35

Tgt Ion:	276	Resp:	62112
Ion Ratio	Lower	Upper	
276	100		
138	2.8	22.6	34.0#
277	3.7	20.3	30.5#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112651.D

Acq: 21 Feb 2019 14:35

Instrument :

BNA_F

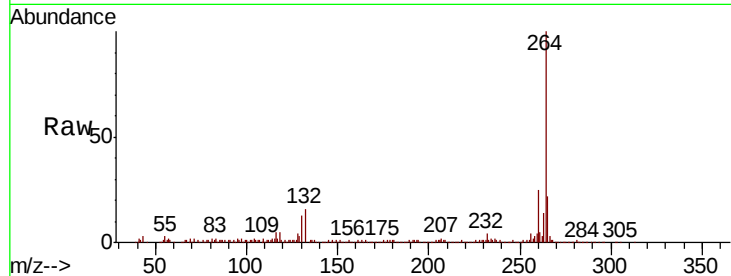
ClientSampleId :

HD-01-022019

Tot Ion:	264	Resp:	224328
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.2	27.2
265	22.0	17.0	25.4

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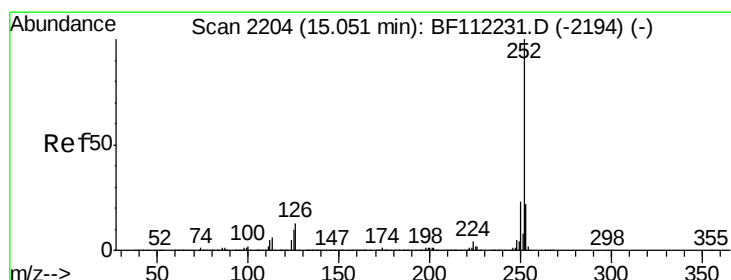
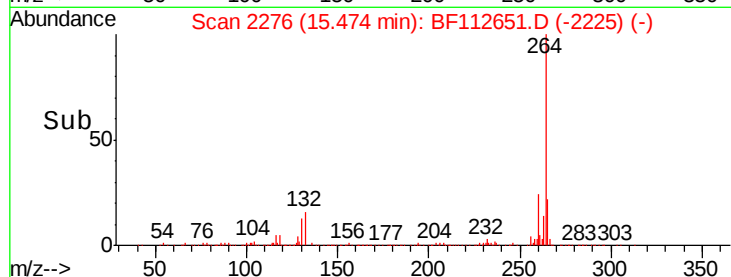
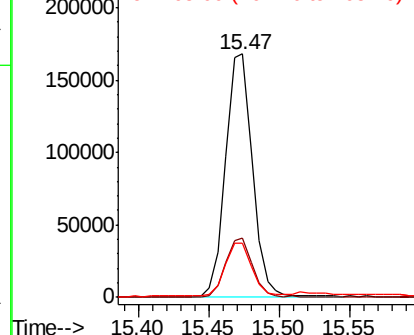


Abundance

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: 14.552 ng m

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF112651.D

Acq: 21 Feb 2019 14:35

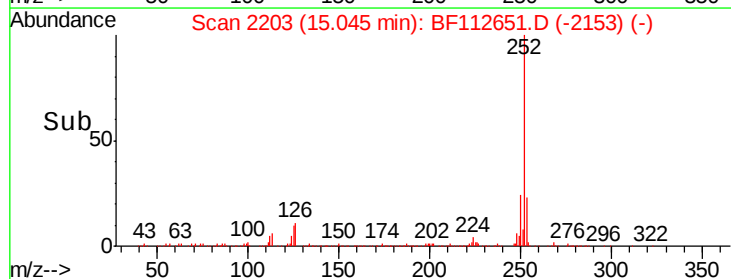
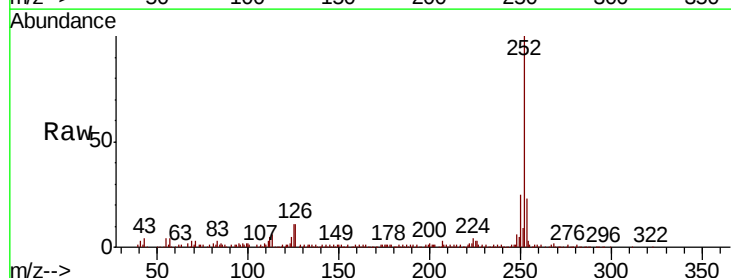
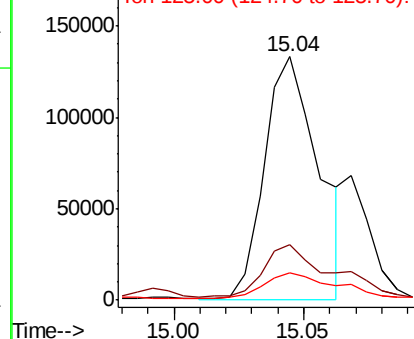
Tgt Ion:	252	Resp:	195230
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	11.0	8.7	13.1

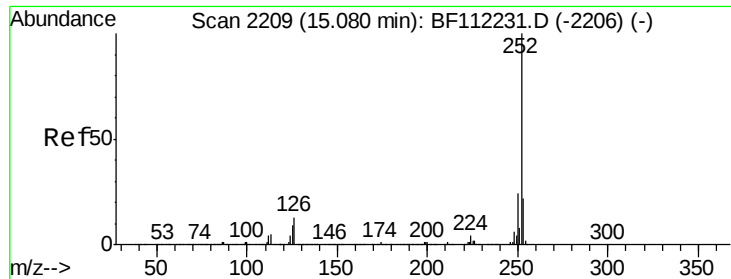
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 3.777 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF112651.D

Acq: 21 Feb 2019 14:35

Instrument :

BNA_F

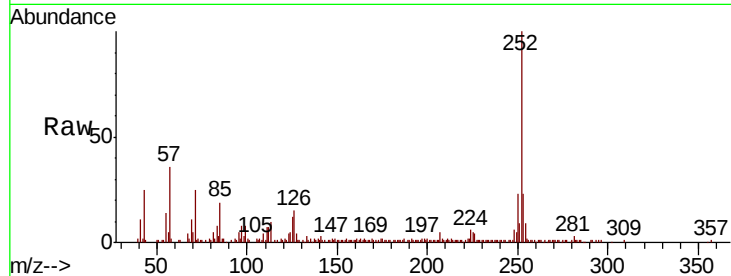
ClientSampleId :

HD-01-022019

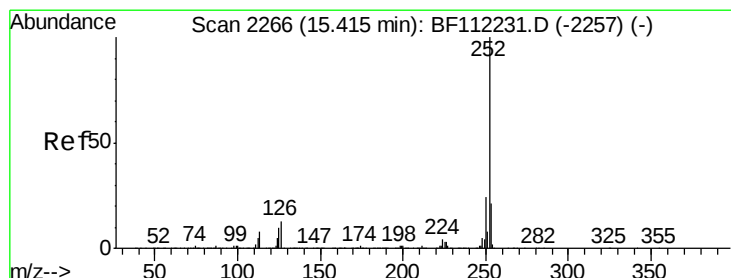
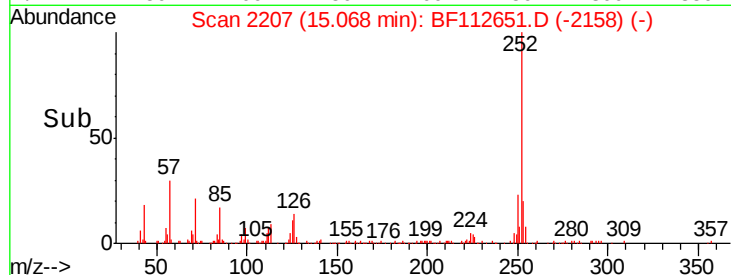
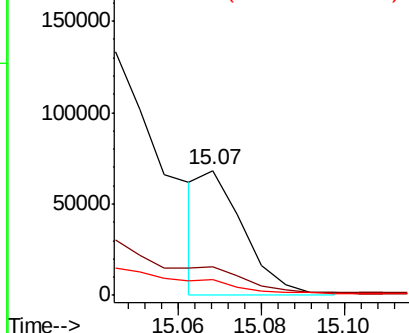
Tot Ion:	252	Resp:	48539
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.0	27.0
125	12.4	9.1	13.7

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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: 10.892 ng

RT: 15.41 min Scan# 2265

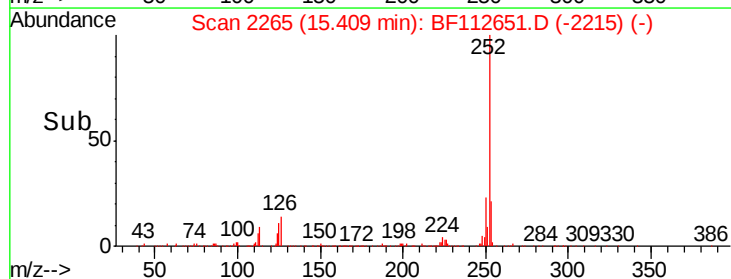
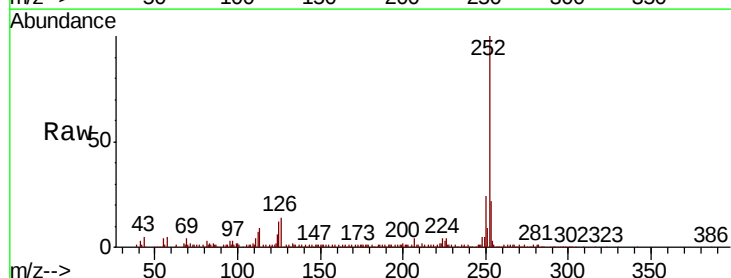
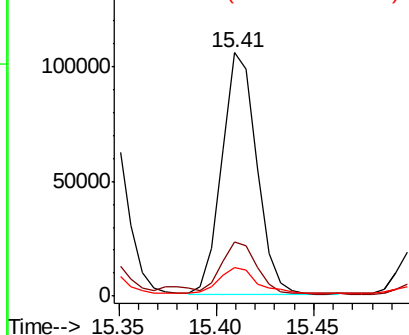
Delta R.T. -0.01 min

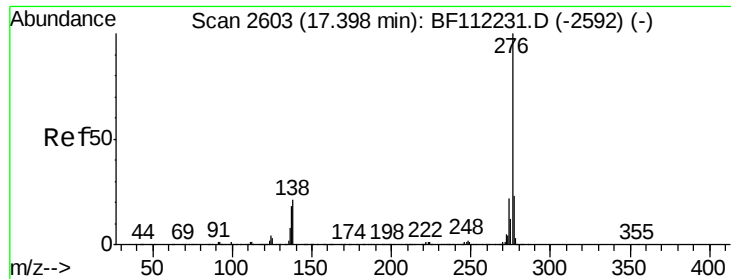
Lab File: BF112651.D

Acq: 21 Feb 2019 14:35

Tgt Ion:	252	Resp:	131481
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	12.0	9.0	13.4

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





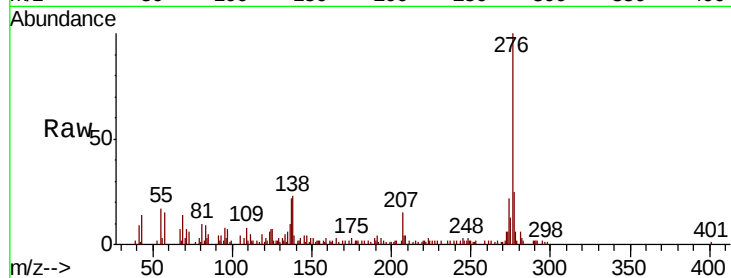
#92
 Benzo(a,h,i)perylene
 Concen: 6.096 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.02 min
 Lab File: BF112651.D
 Acq: 21 Feb 2019 14:35

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022019

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.0
138	22.8	19.1	28.7

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

