

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113836.D
 Acq On : 19 Apr 2019 00:23
 Operator : JU/SJ
 Sample : K2196-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-041619

Manual Integrations
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 4/23/2019 8:16:52 AM

Quant Time: Apr 19 04:28:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	153395	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	516062	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	237129	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	497803	20.00	ng	0.00
76) Chrysene-d12	14.04	240	533530	20.00	ng	0.00
87) Perylene-d12	15.52	264	450516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	410284	44.47	ng	0.00
7) Phenol-d6	6.51	99	491264	42.70	ng	0.00
23) Nitrobenzene-d5	7.45	82	265308	31.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	125463	47.89	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	498404	32.05	ng	0.00
79) Terphenyl-d14	12.99	244	718994	28.26	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	45280	2.729	ng	99
71) Phenanthrene	11.43	178	216739	8.549	ng	97
72) Anthracene	11.49	178	59340	2.323	ng	96
75) Fluoranthene	12.62	202	442446	16.466	ng	97
78) Pyrene	12.85	202	402390	10.702	ng	98
81) Benzo(a)anthracene	14.03	228	232435	7.453	ng	98
83) Chrysene	14.07	228	203093	6.561	ng	97
86) Indeno(1,2,3-cd)pyrene	16.98	276	71007	2.810	ng	96
88) Benzo(b)fluoranthene	15.09	252	228565m	8.138	ng	
89) Benzo(k)fluoranthene	15.11	252	63716m	2.491	ng	
90) Benzo(a)pyrene	15.45	252	148207	5.968	ng	95
92) Benzo(a,h,i)perylene	17.43	276	68978	3.071	ng	97

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

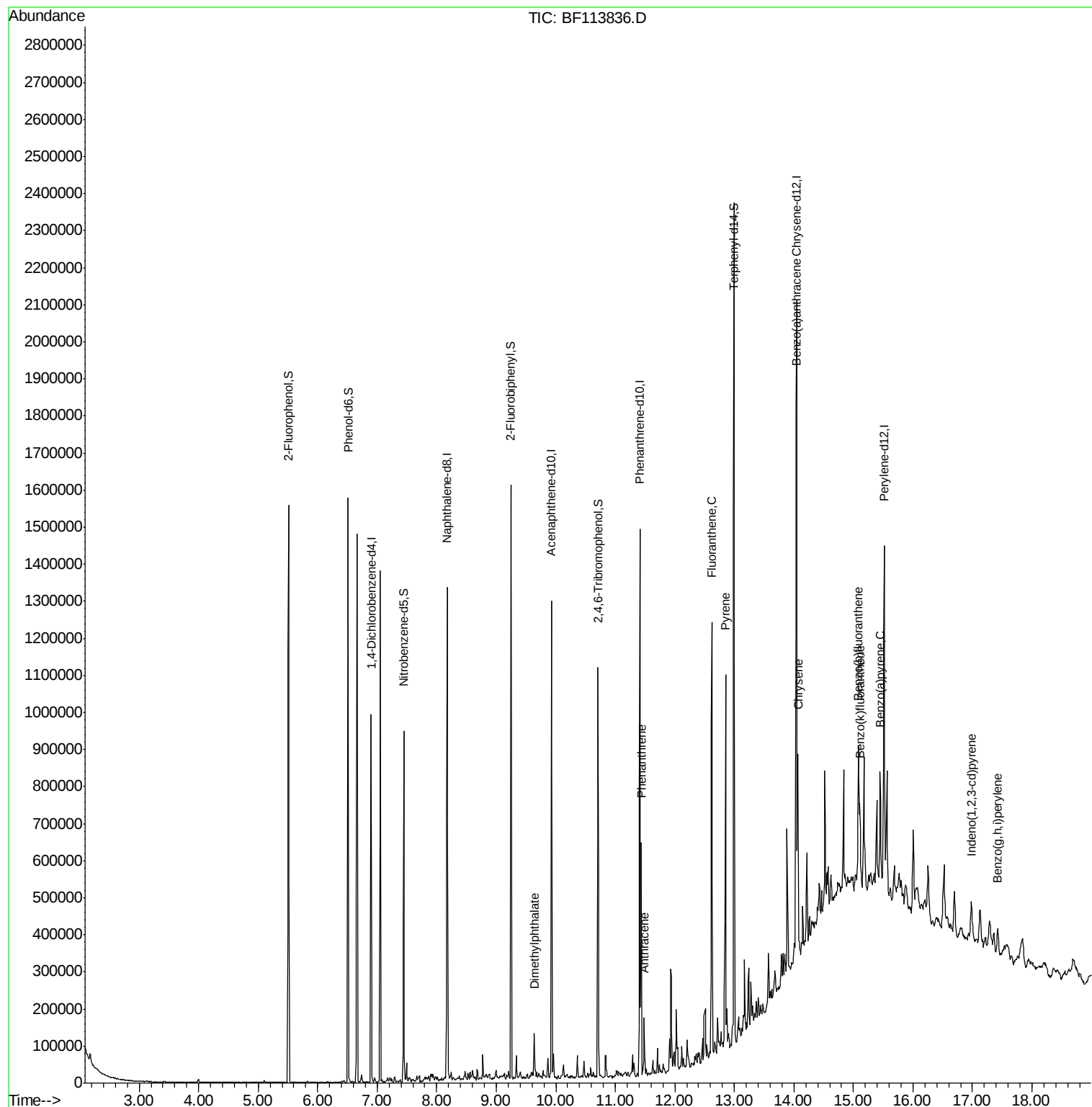
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113836.D
Acq On : 19 Apr 2019 00:23
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Sample : K2196-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

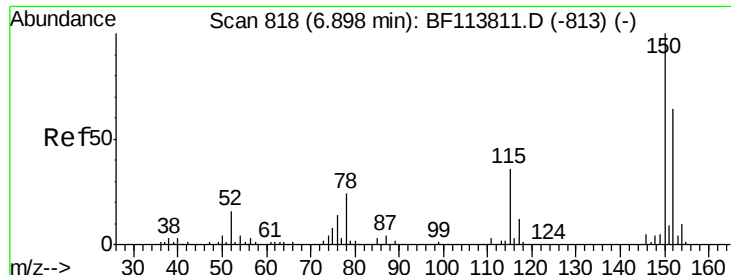
Instrument :
BNA_F
ClientSampleId :
HD-01-041619

Quant Time: Apr 19 04:28:10 2019
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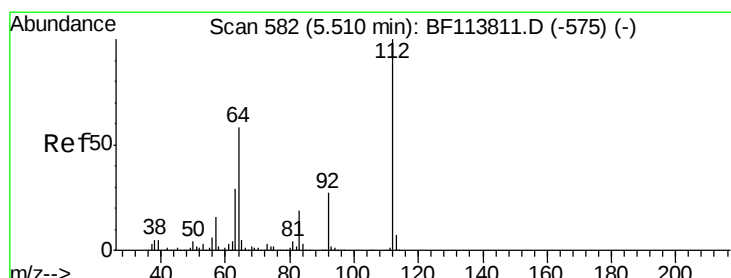
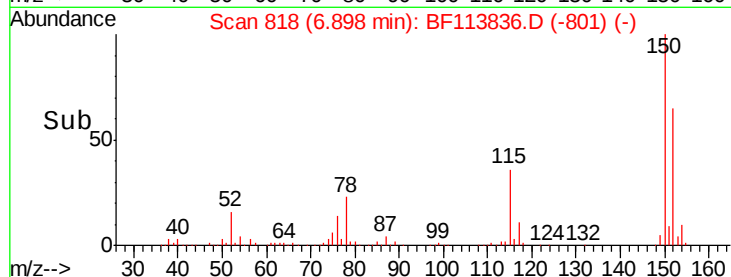
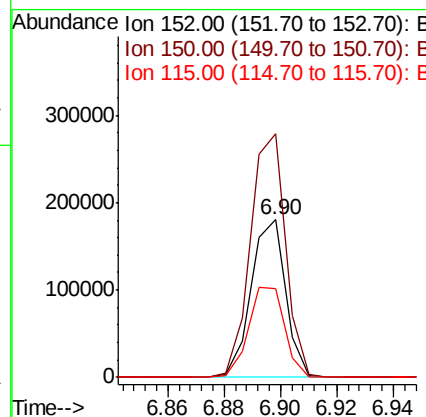
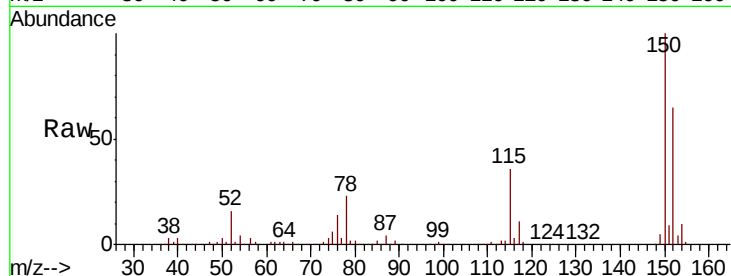
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113836.D
 Acq: 19 Apr 2019 00:23

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-041619

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.9	188.9
115	56.1	45.9	68.9

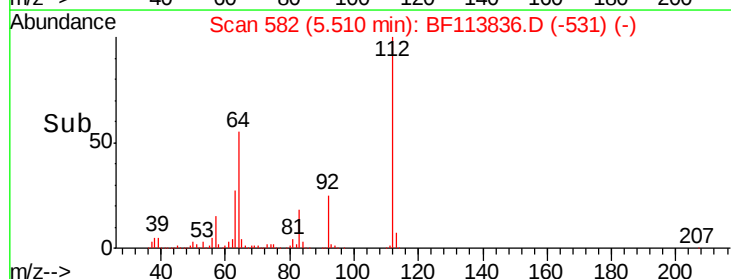
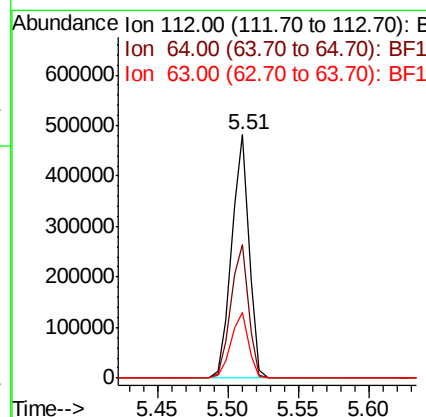
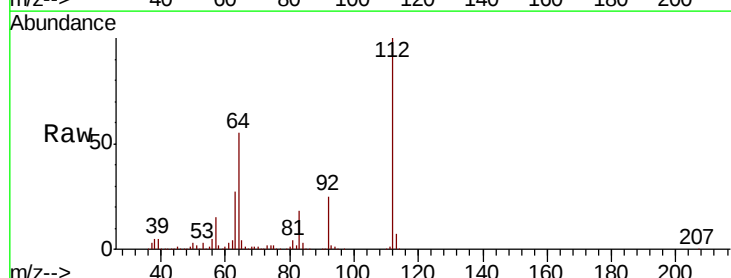
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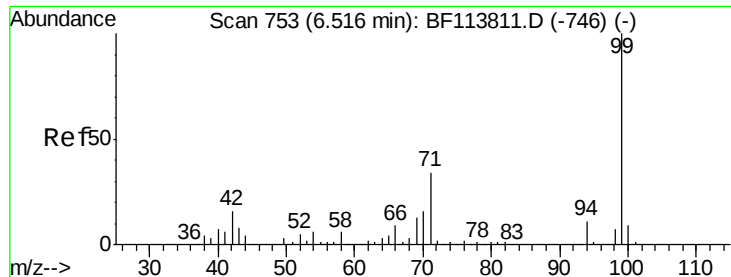
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#5
 2-Fluorophenol
 Concen: 44.474 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF113836.D
 Acq: 19 Apr 2019 00:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.6	69.8
63	27.2	23.1	34.7





#7

Phenol-d6

Concen: 42.702 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113836.D

Acq: 19 Apr 2019 00:23

Instrument :

BNA_F

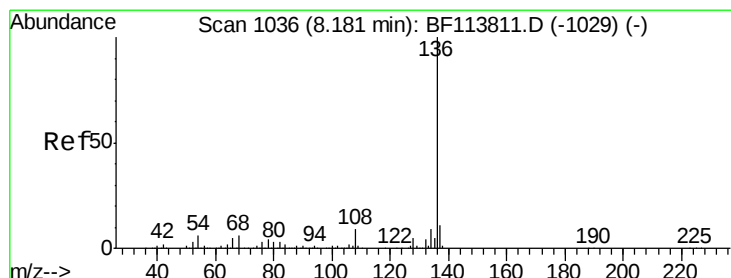
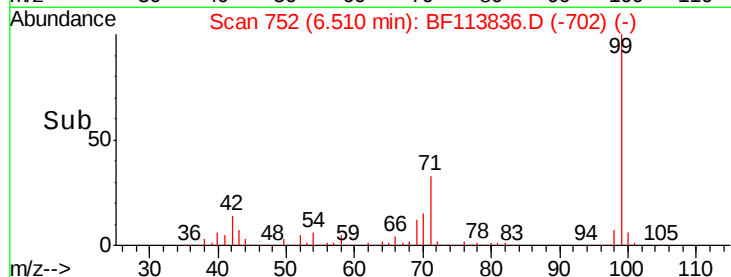
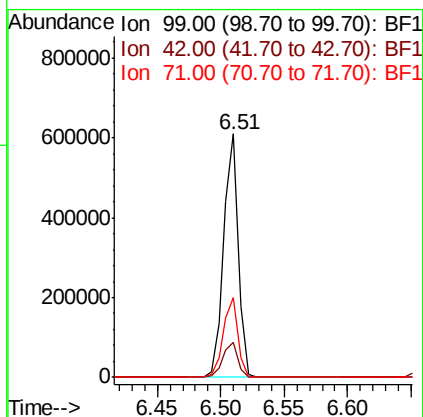
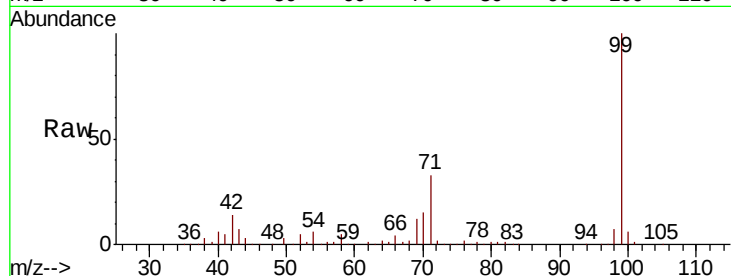
ClientSampleId :

HD-01-041619

Tot Ion:	99	Resp:	491264
Ion Ratio	Lower	Upper	
99	100		
42	14.4	12.5	18.7
71	32.7	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

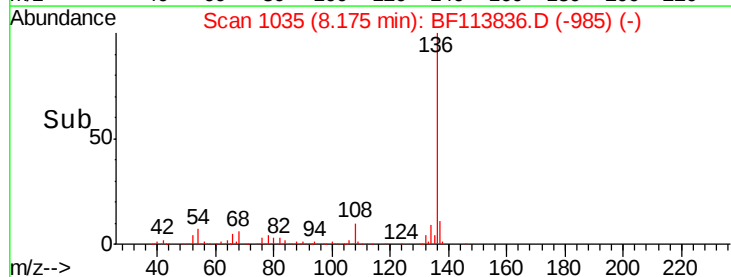
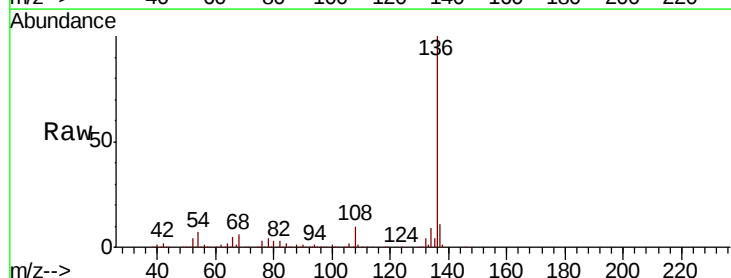
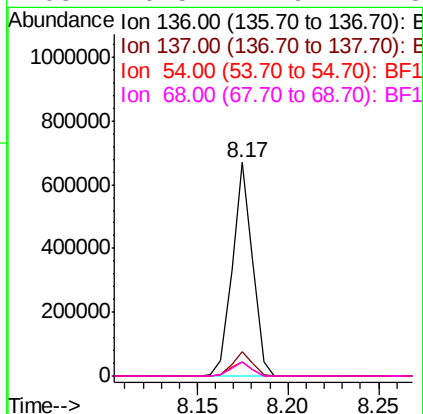
RT: 8.17 min Scan# 1035

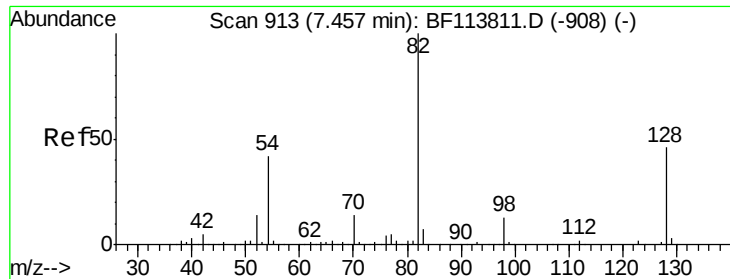
Delta R.T. -0.01 min

Lab File: BF113836.D

Acq: 19 Apr 2019 00:23

Tgt Ion:	136	Resp:	516062
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	12.8
54	6.8	5.0	7.6
68	6.5	4.9	7.3





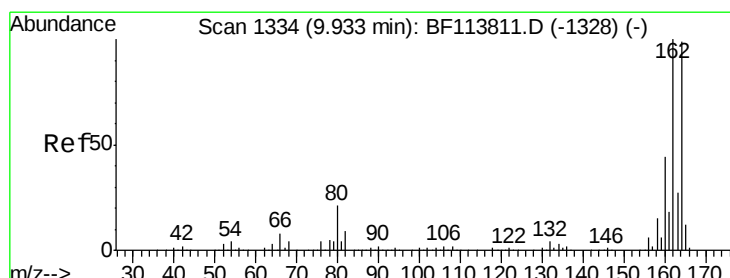
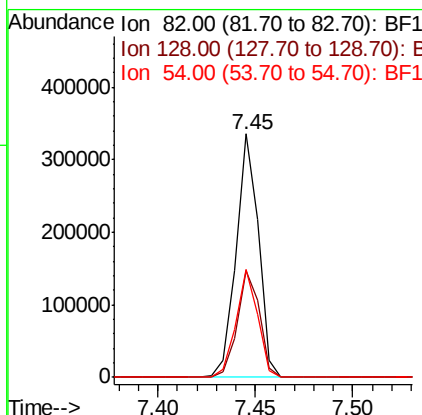
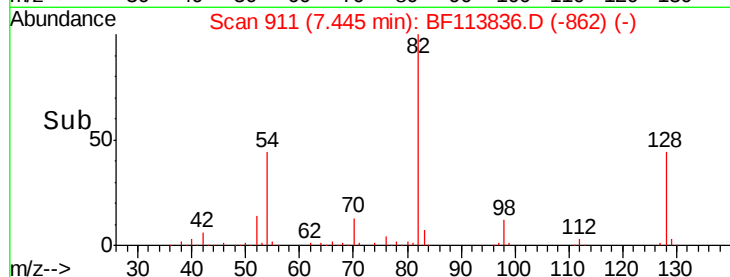
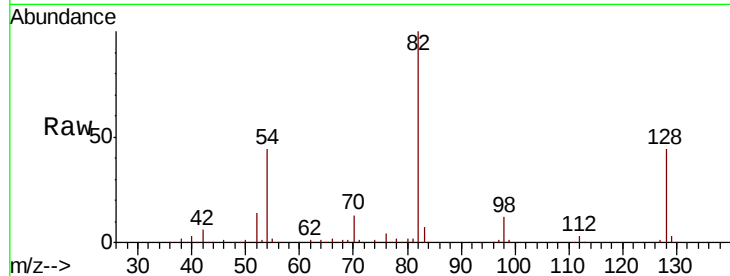
#23
Nitrobenzene-d5
Concen: 31.307 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
HD-01-041619

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.8	55.2
54	44.4	33.8	50.6

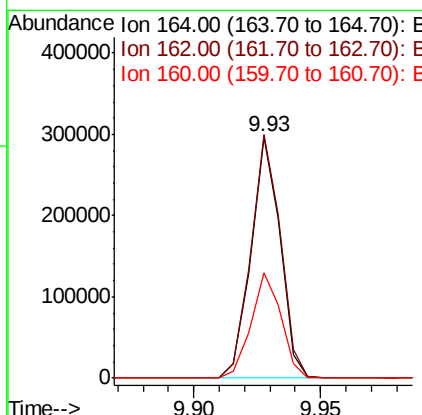
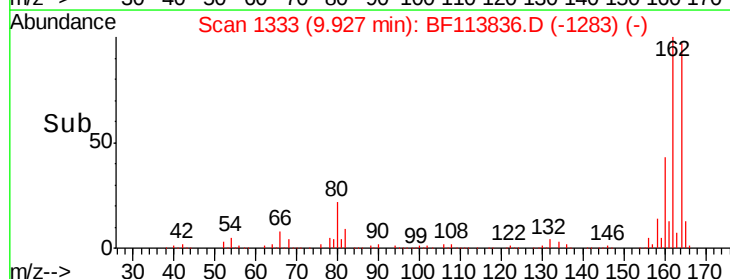
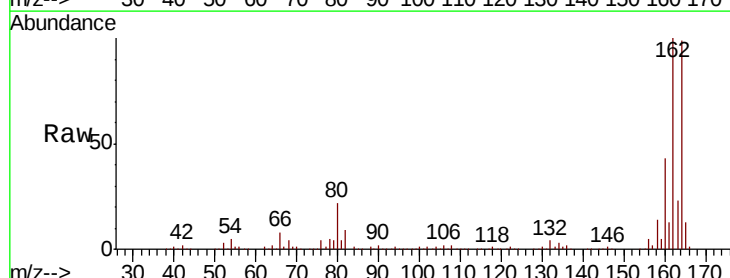
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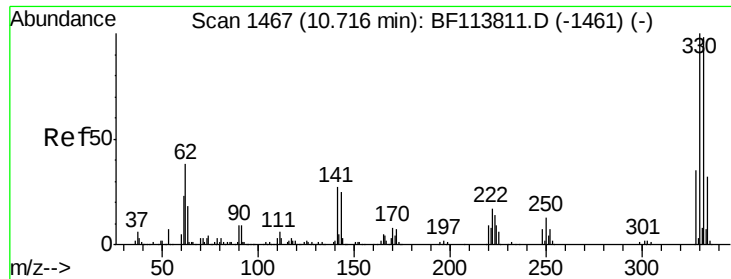
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.1	121.7
160	43.8	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 47.889 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113836.D

Acq: 19 Apr 2019 00:23

Instrument :

BNA_F

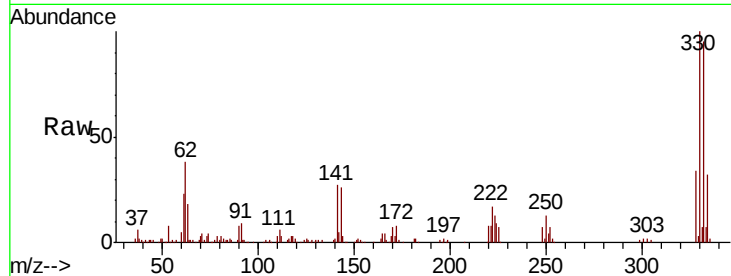
ClientSampleId :

HD-01-041619

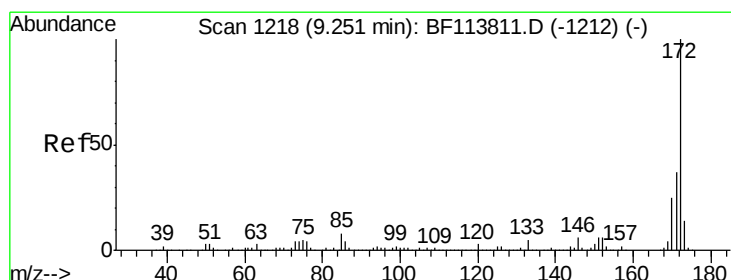
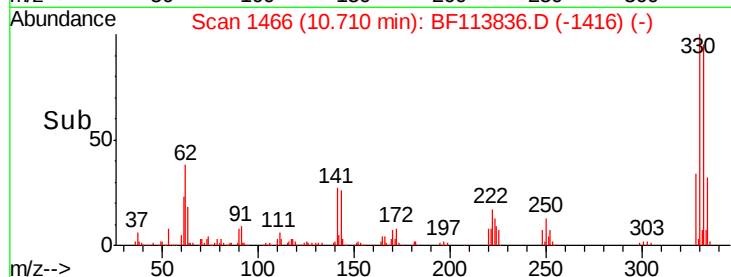
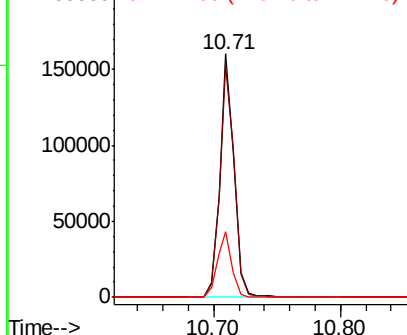
Tot Ion:	330	Resp:	125463
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.5	116.3
141	28.0	22.2	33.2

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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: 32.054 ng

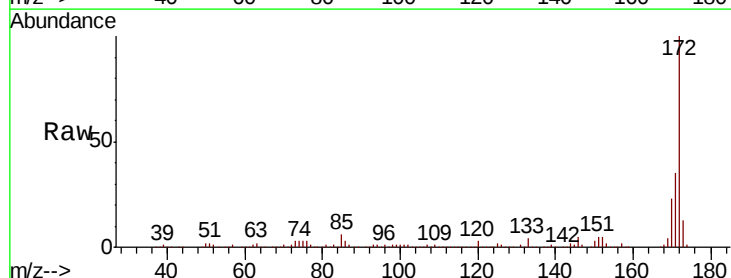
RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

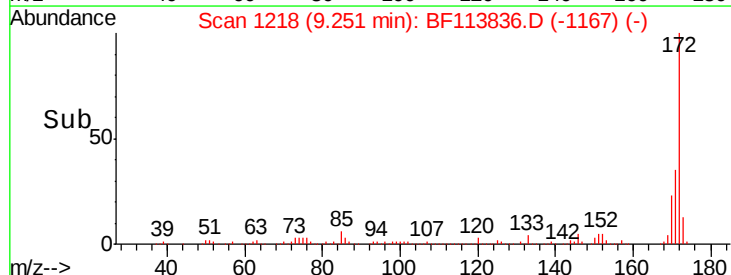
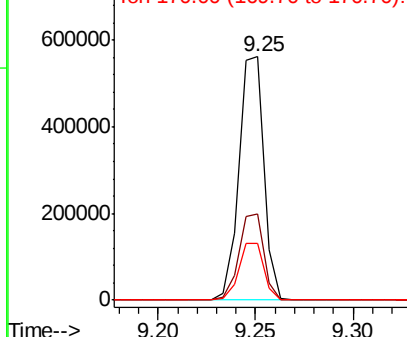
Lab File: BF113836.D

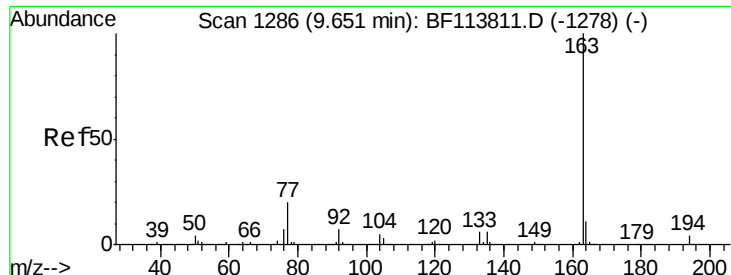
Acq: 19 Apr 2019 00:23

Tgt Ion:	172	Resp:	498404
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.4	44.0
170	23.5	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





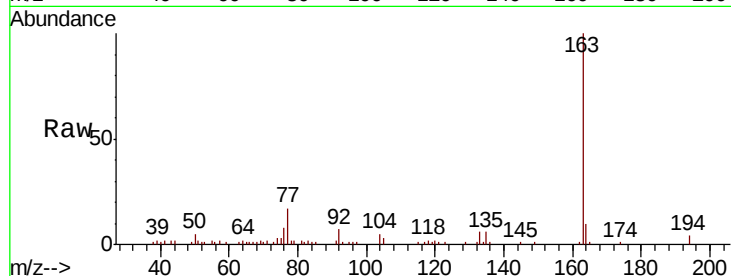
#50
Dimethylphthalate
Concen: 2.729 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
HD-01-041619

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.9	8.5	12.7

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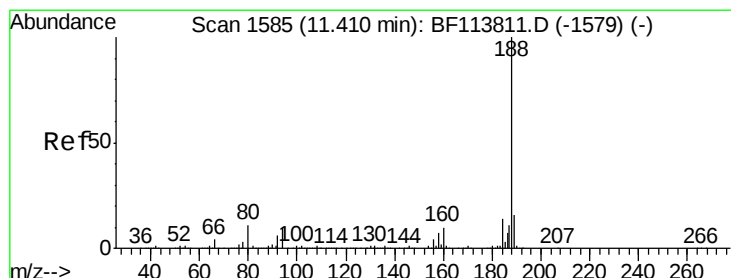
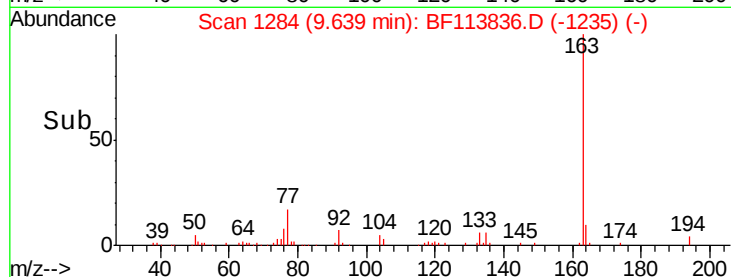
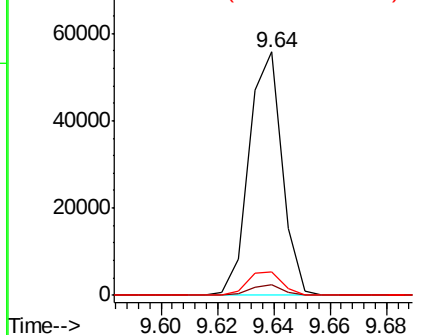


Abundance

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: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

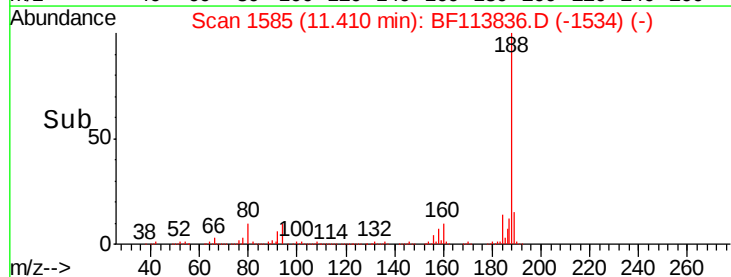
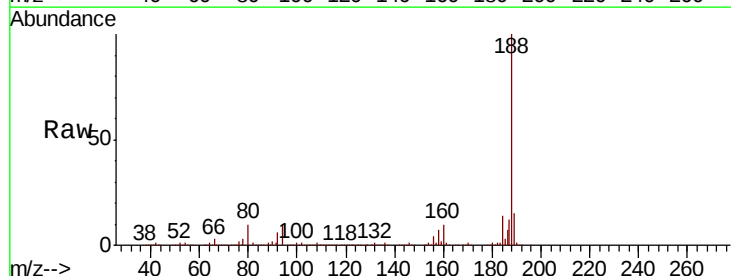
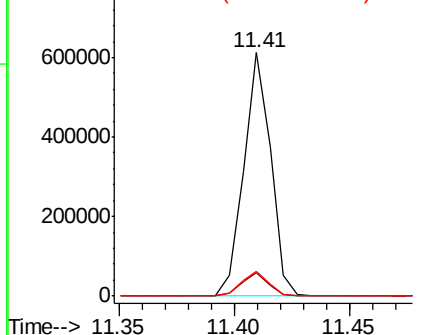
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.4
80	10.3	9.0	13.6

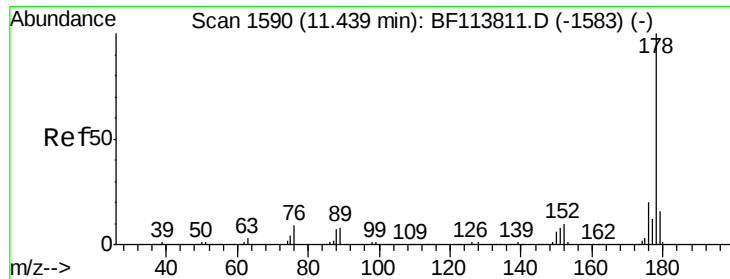
Abundance

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





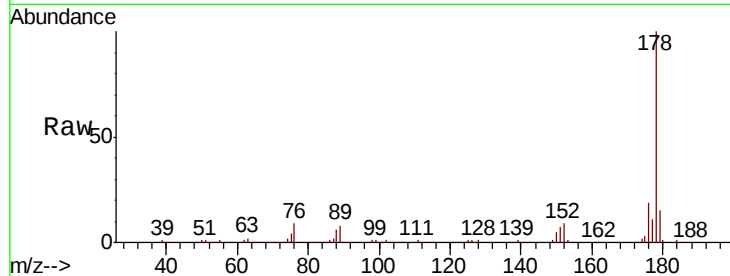
#71
Phenanthrene
Concen: 8.549 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
HD-01-041619

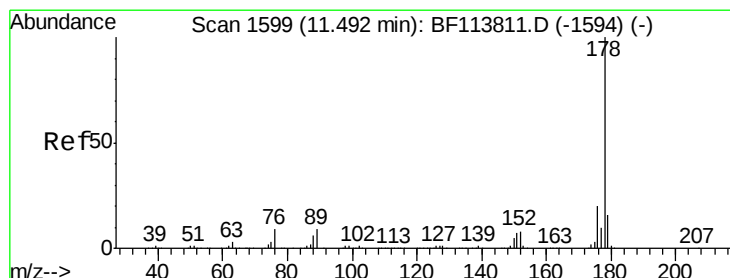
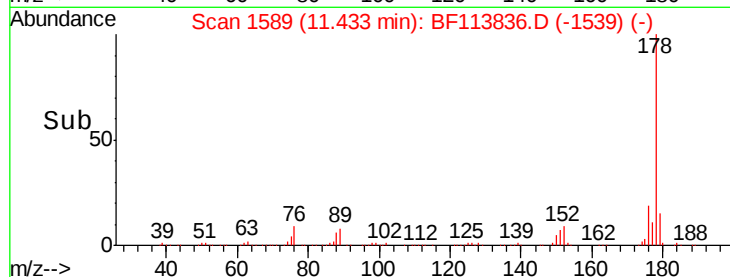
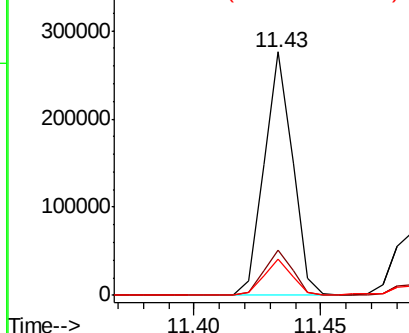
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.1	24.1
179	14.8	12.8	19.2

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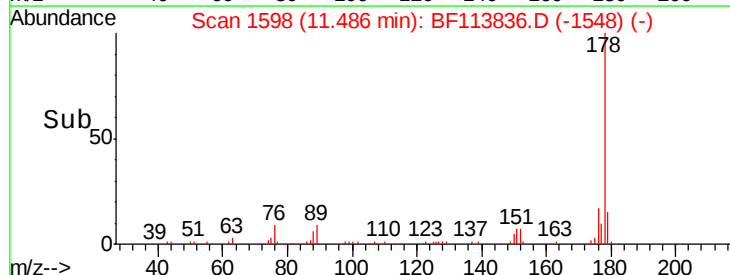
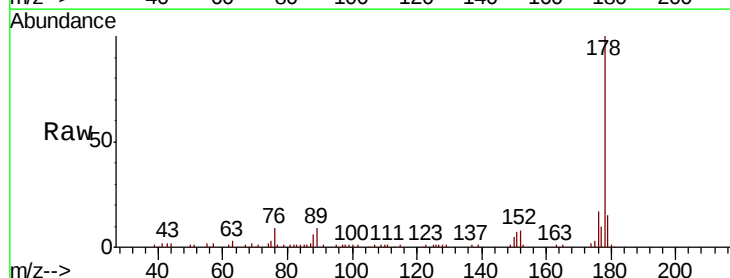
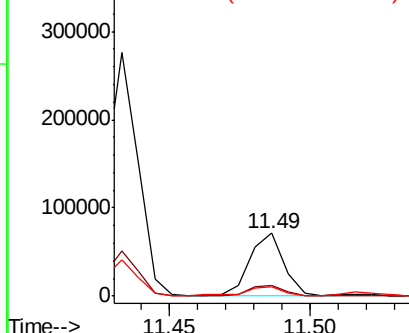
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

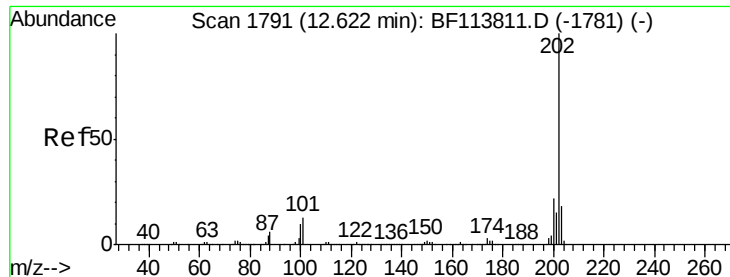


#72
Anthracene
Concen: 2.323 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.7	23.5
179	15.0	13.0	19.4

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: 16.466 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF113836.D

Acq: 19 Apr 2019 00:23

Instrument :

BNA_F

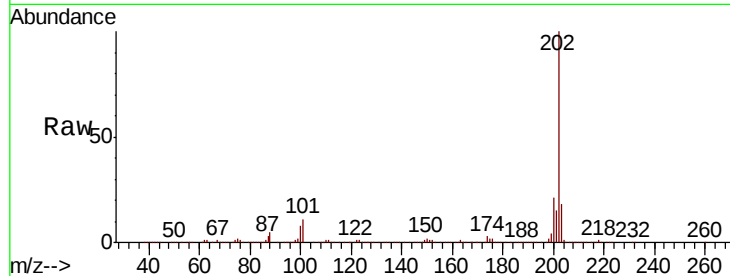
ClientSampleId :

HD-01-041619

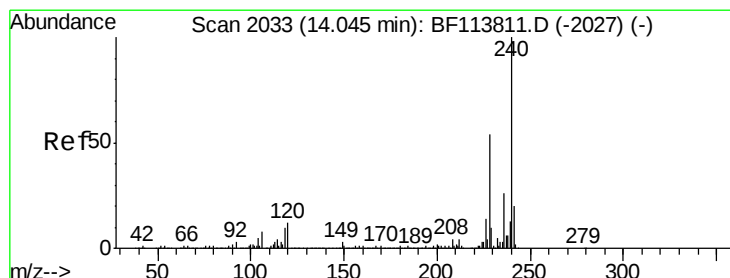
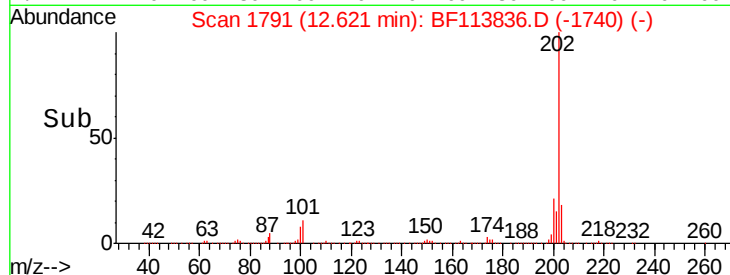
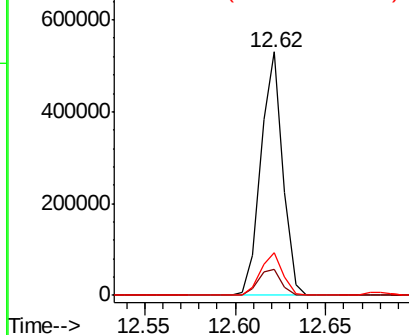
Tot Ion:	202	Resp:	442446
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	32.9
203	17.7	0.0	38.2

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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

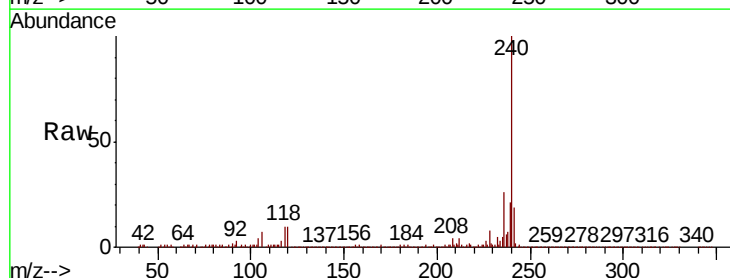
RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

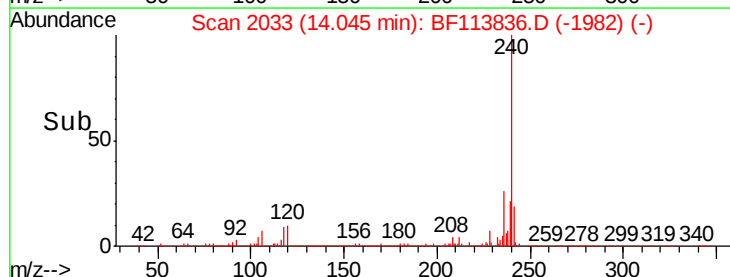
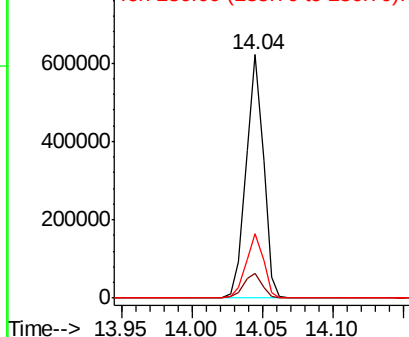
Lab File: BF113836.D

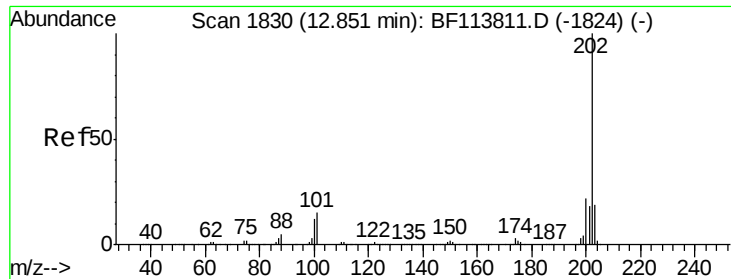
Acq: 19 Apr 2019 00:23

Tgt Ion:	240	Resp:	533530
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.3	13.9
236	26.4	21.2	31.8



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





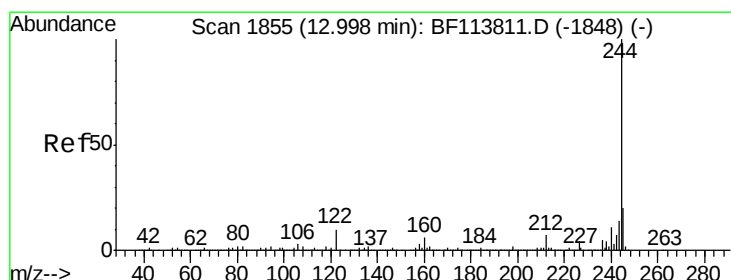
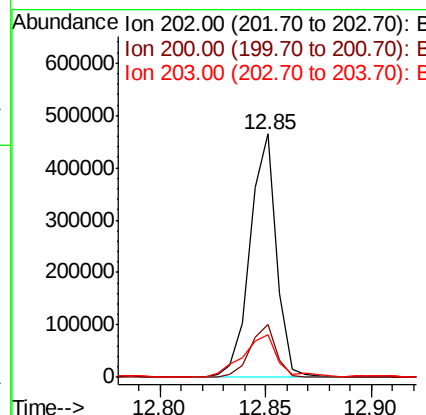
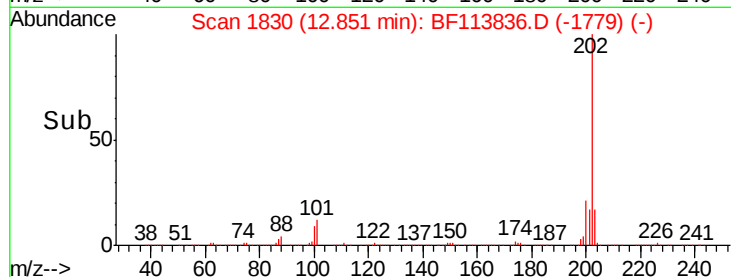
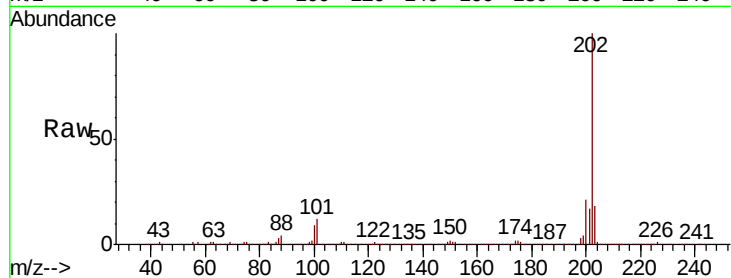
#78
Pvrene
Concen: 10.702 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
HD-01-041619

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	17.6	15.0	22.6

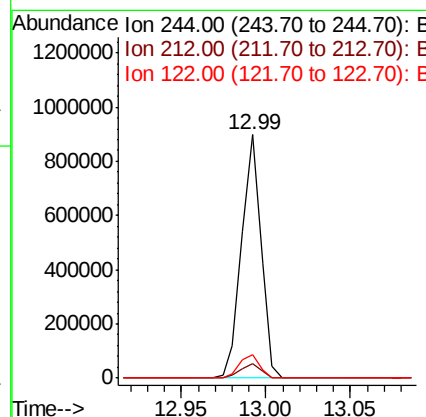
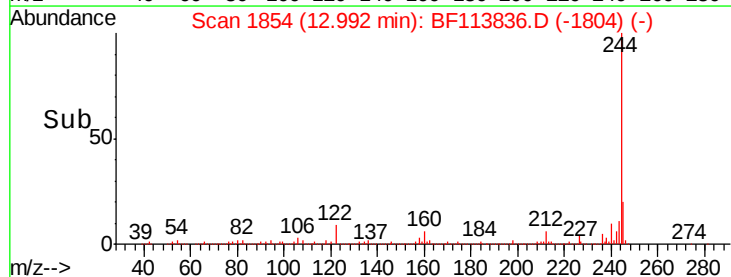
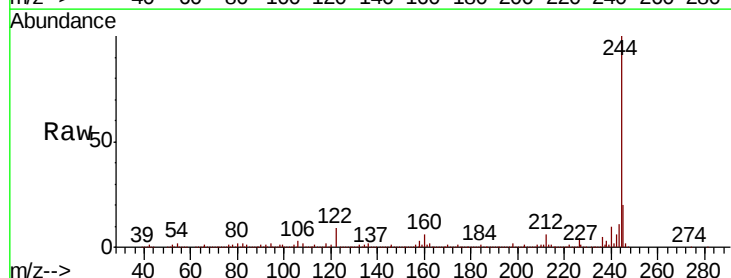
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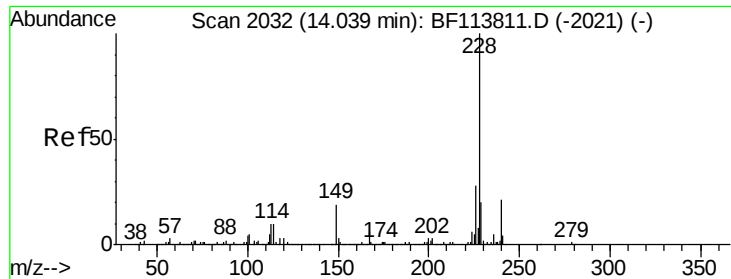
Sohil
4/23/2019 8:16:52 AM



#79
Terphenyl-d14
Concen: 28.259 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.2
122	9.4	7.6	11.4





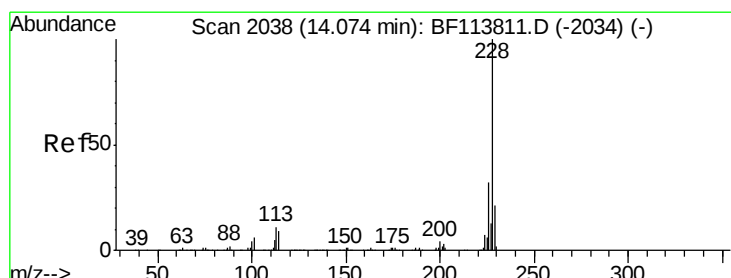
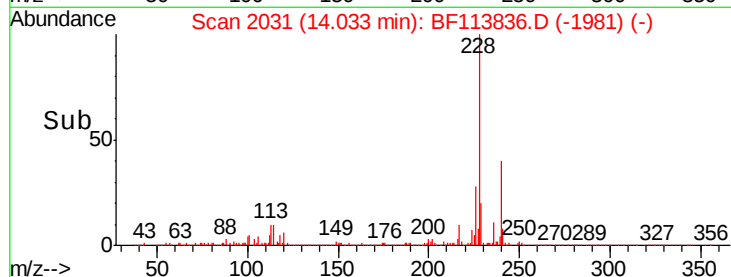
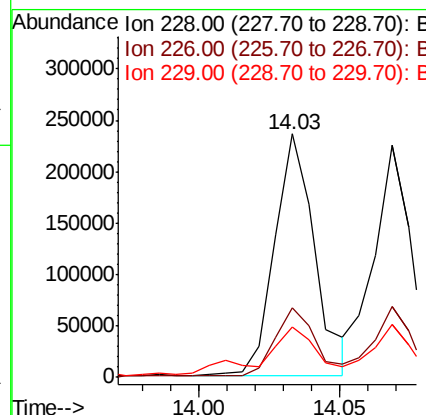
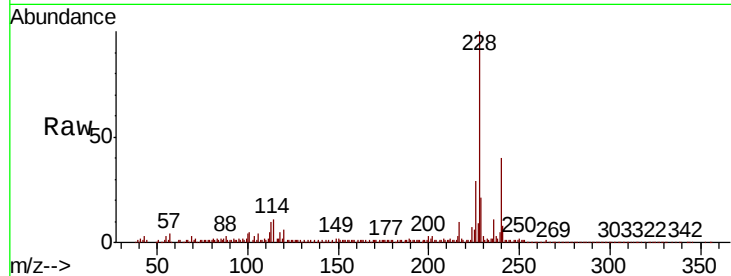
#81
Benzo(a)anthracene
Concen: 7.453 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
HD-01-041619

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.2	33.2
229	20.7	16.0	24.0

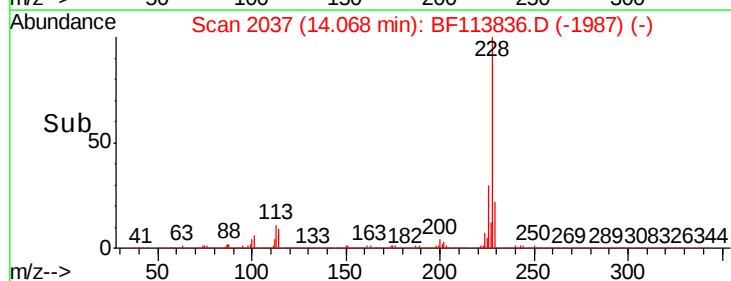
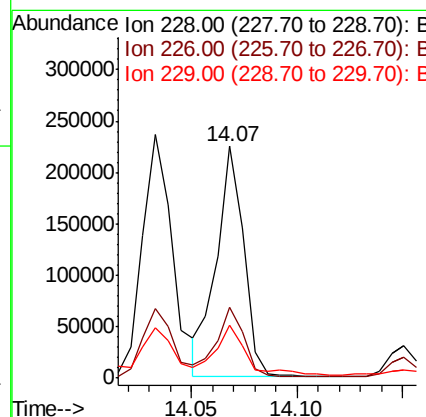
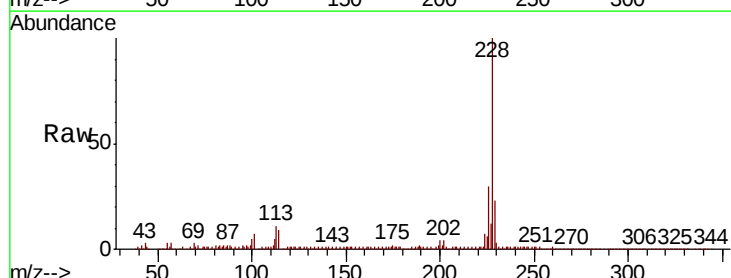
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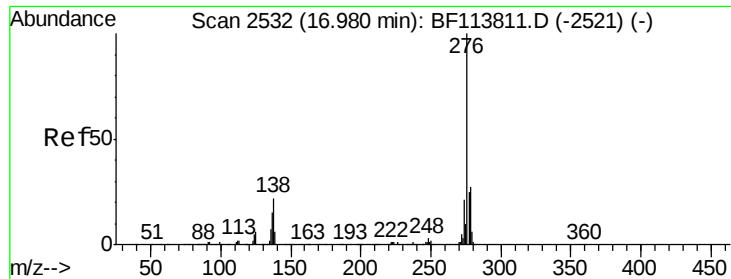
Sohil
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#83
Chrysene
Concen: 6.561 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.2	37.8
229	22.9	16.7	25.1





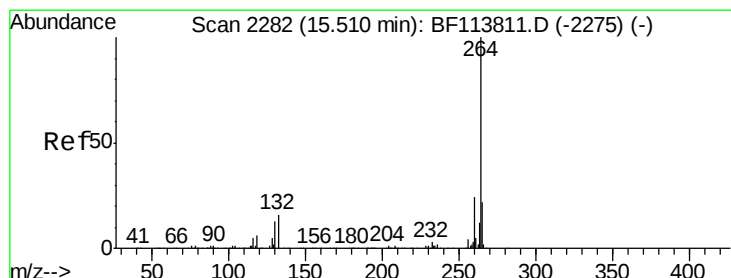
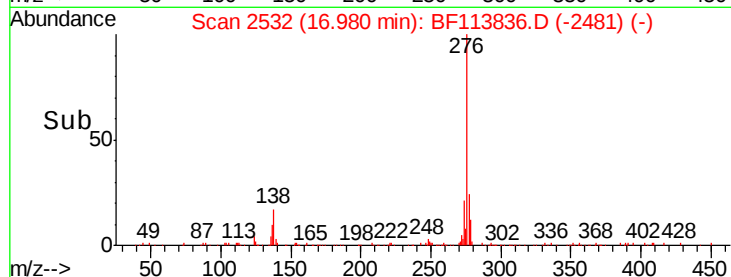
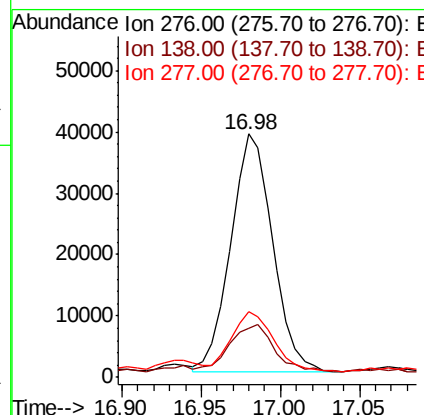
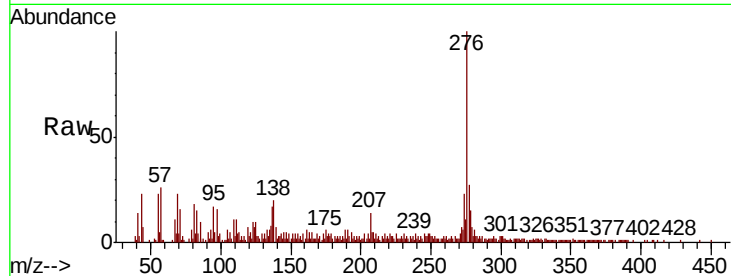
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.810 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
HD-01-041619

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.6	29.4
277	25.3	20.2	30.4

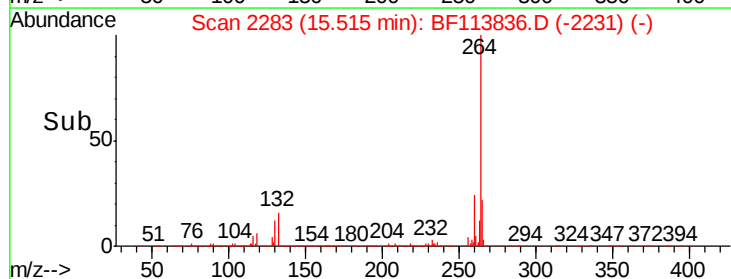
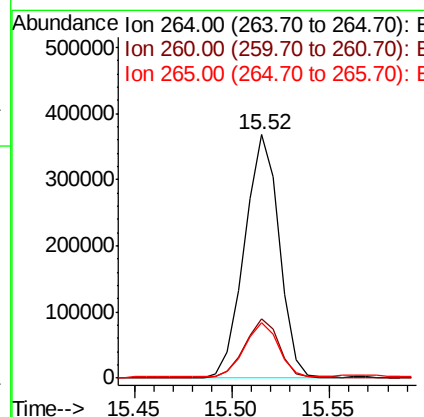
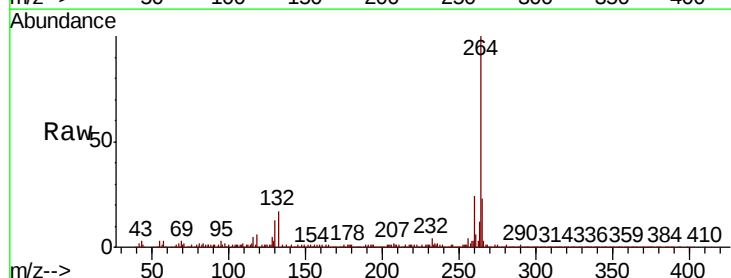
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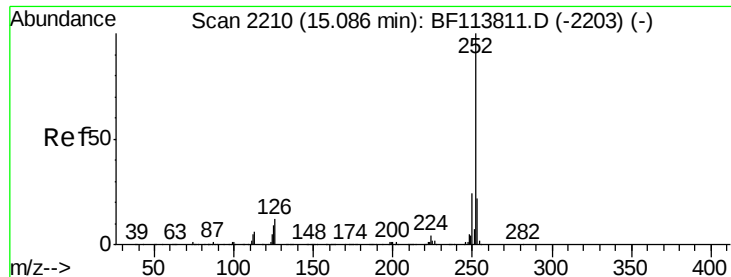
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	22.6	17.3	25.9





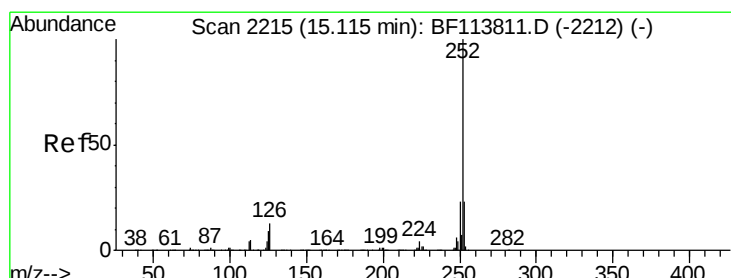
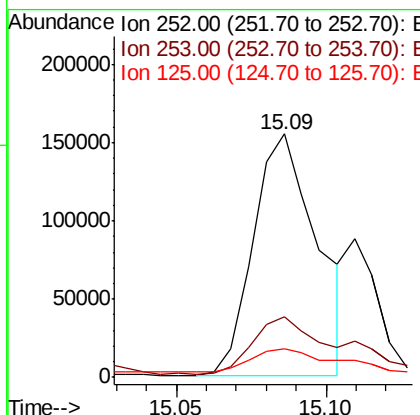
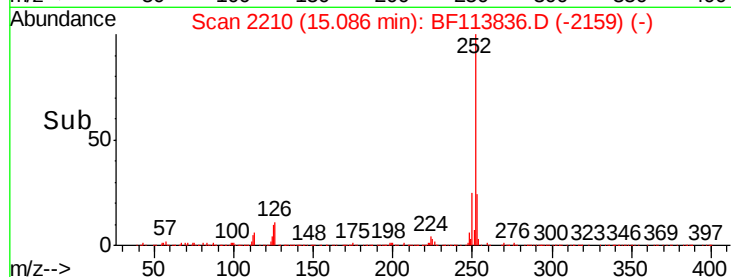
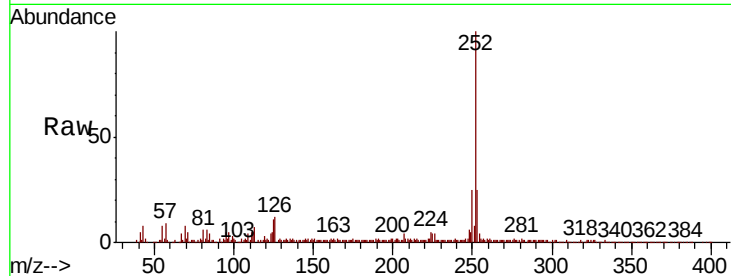
#88
Benzo(b)fluoranthene
Concen: 8.138 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
HD-01-041619

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	11.5	7.0	10.6

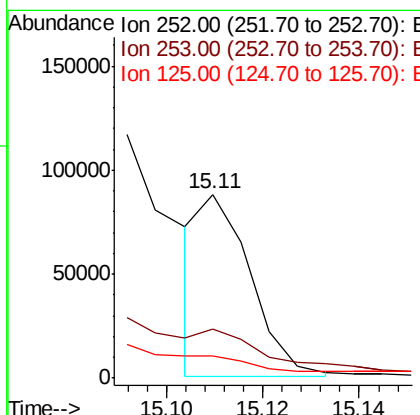
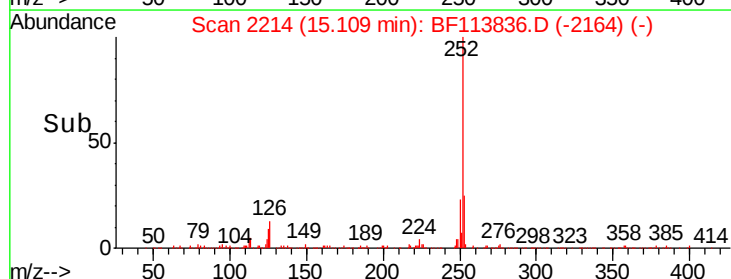
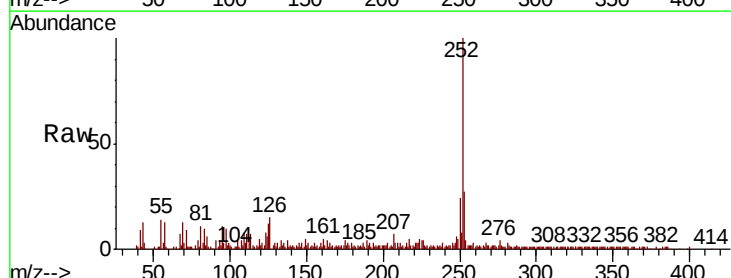
Manual Integrations
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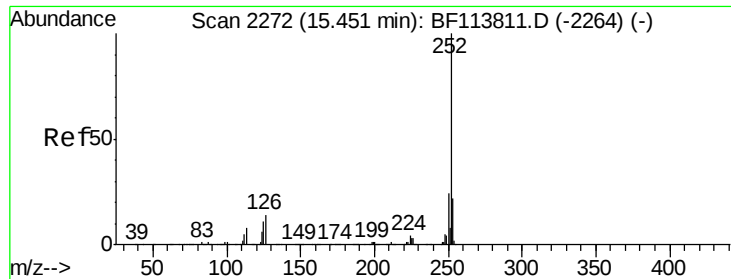
Sohil
4/23/2019 8:16:52 AM



#89
Benzo(k)fluoranthene
Concen: 2.491 ng m
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.2	27.2
125	12.2	7.4	11.2





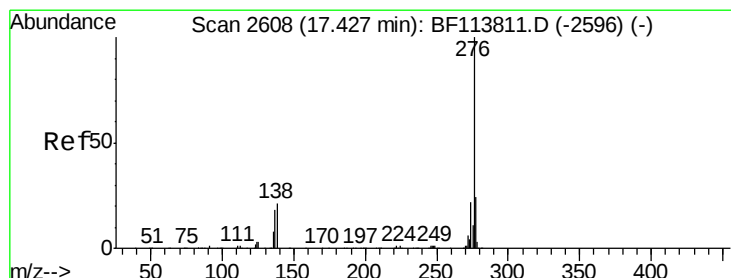
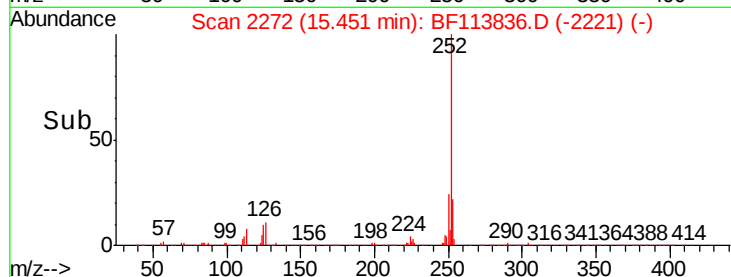
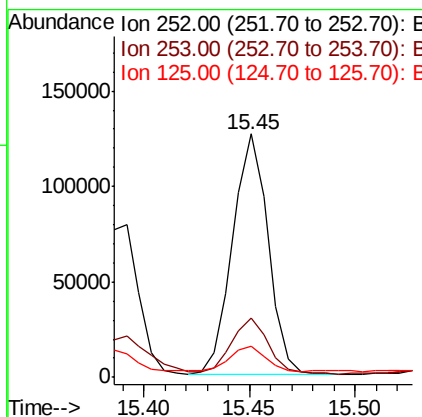
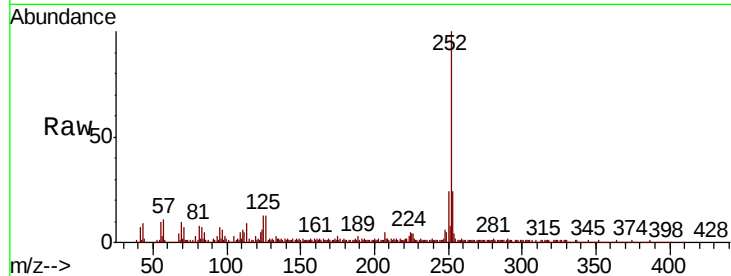
#90
Benzo(a)pyrene
Concen: 5.968 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Instrument :
BNA_F
ClientSampleId :
HD-01-041619

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	12.6	8.5	12.7

Manual Integrations
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4/23/2019 8:16:52 AM



#92
Benzo(g,h,i)perylene
Concen: 3.071 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BF113836.D
Acq: 19 Apr 2019 00:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.0	28.4
138	22.2	16.6	25.0

