

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113864.D
 Acq On : 19 Apr 2019 17:47
 Operator : JU/SJ
 Sample : K2193-09 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-B

Manual Integrations
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 4/22/2019 7:26:56 PM

Quant Time: Apr 20 04:47:58 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	167151	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	561696	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	261327	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	535338	20.00	ng	0.02
76) Chrysene-d12	14.22	240	475394	20.00	ng	0.18
87) Perylene-d12	15.90	264	375804	20.00	ng	0.39
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	210350	20.93	ng	0.00
7) Phenol-d6	6.52	99	267061	21.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	144334	15.65	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	60021	20.79	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	248221	14.49	ng	0.00
79) Terphenyl-d14	13.04	244	337450	14.88	ng	0.05
Target Compounds						
71) Phenanthrene	11.45	178	121719	4.464	ng	Qvalue 97
75) Fluoranthene	12.66	202	196773	6.810	ng	96
78) Pyrene	12.89	202	167567	5.001	ng	98
81) Benzo(a)anthracene	14.21	228	78240	2.815	ng	93
83) Chrysene	14.25	228	69070	2.504	ng	96
88) Benzo(b)fluoranthene	15.44	252	68865m	2.939	ng	
90) Benzo(a)pyrene	15.83	252	46890	2.264	ng	# 82

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

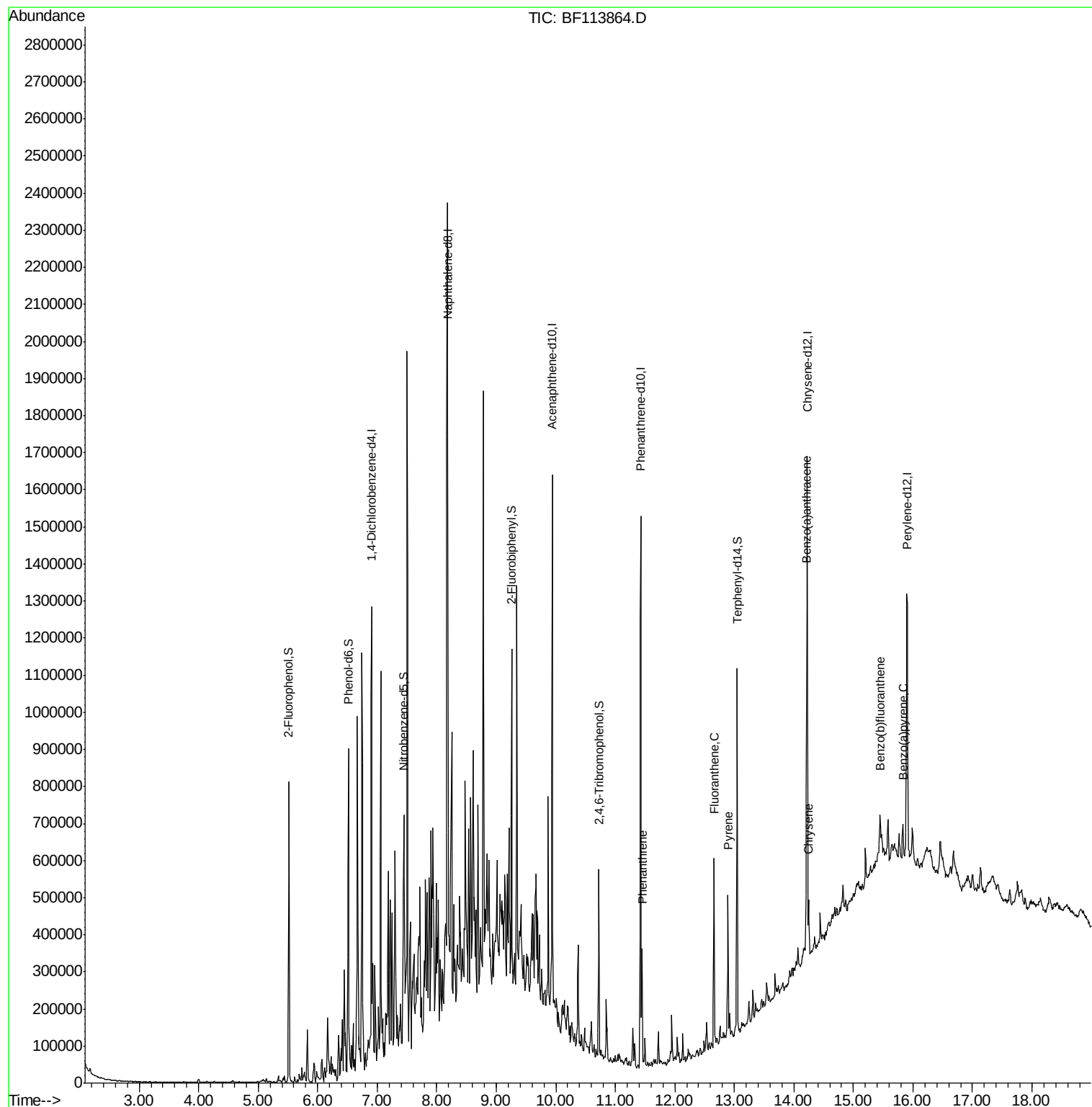
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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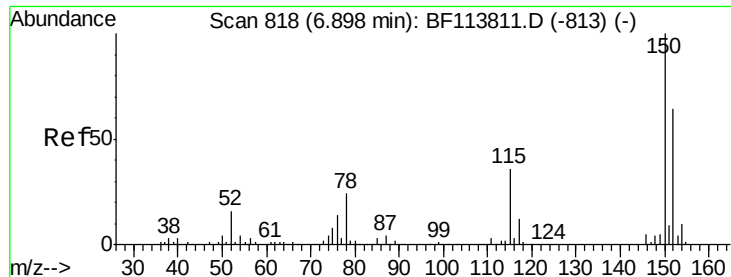
Instrument :
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Quant Time: Apr 20 04:47:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
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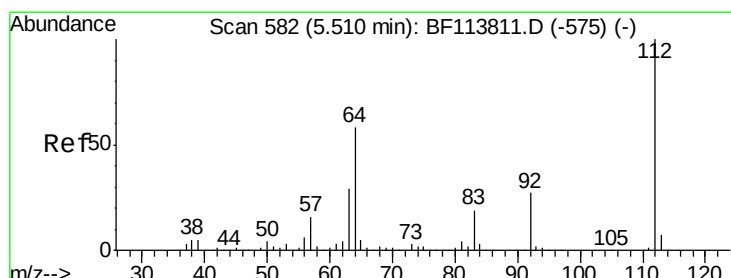
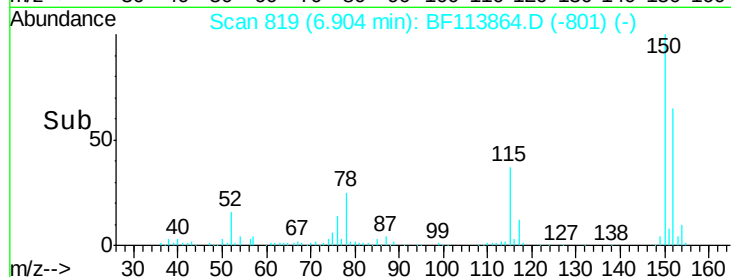
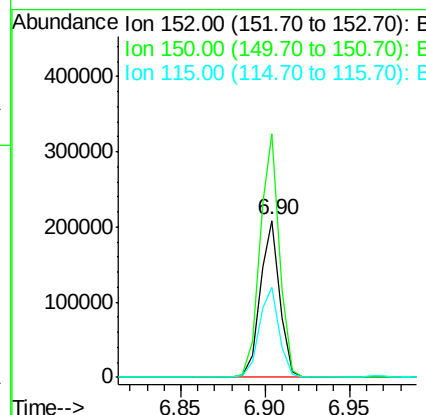
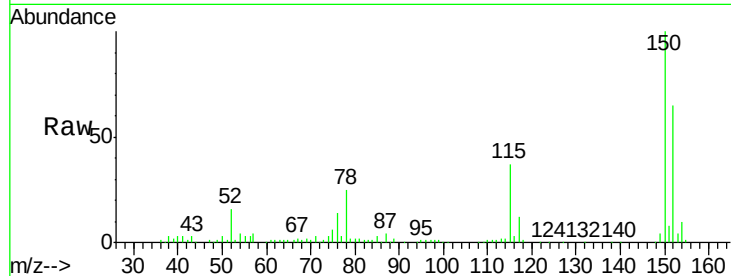
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF113864.D
 Acq: 19 Apr 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-B

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	167151		
150	155.0	125.9	188.9	
115	57.5	45.9	68.9	

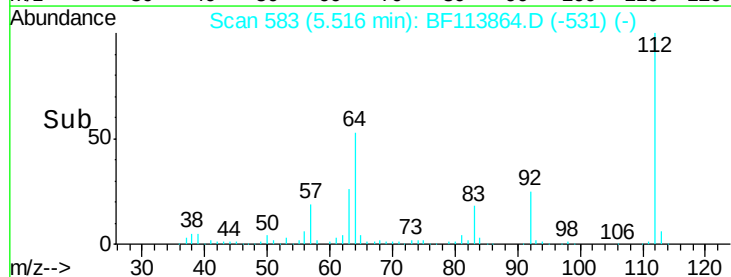
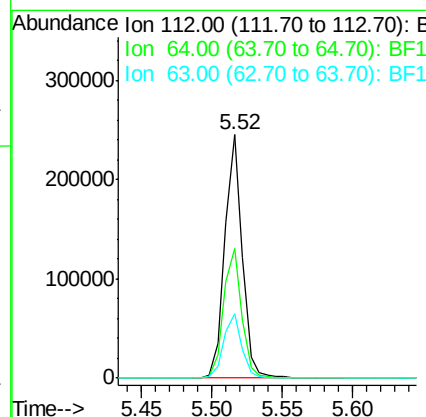
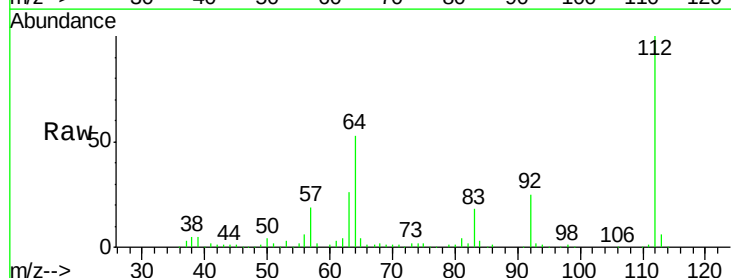
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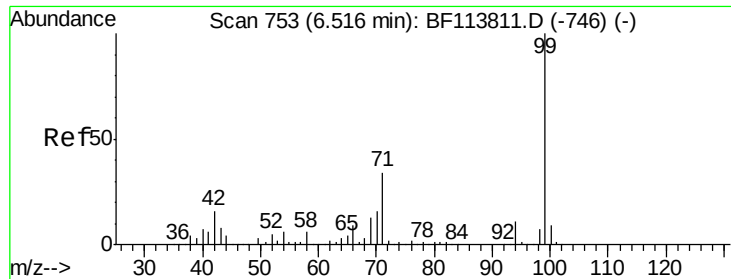
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#5
 2-Fluorophenol
 Concen: 20.925 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF113864.D
 Acq: 19 Apr 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	210350		
64	53.4	46.6	69.8	
63	26.4	23.1	34.7	





#7

Phenol-d6

Concen: 21.303 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF113864.D

Acq: 19 Apr 2019 17:47

Instrument :

BNA_F

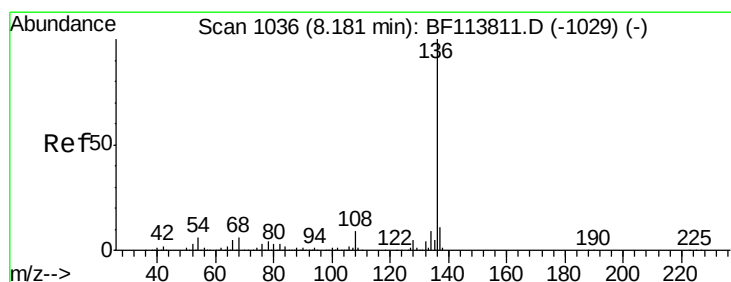
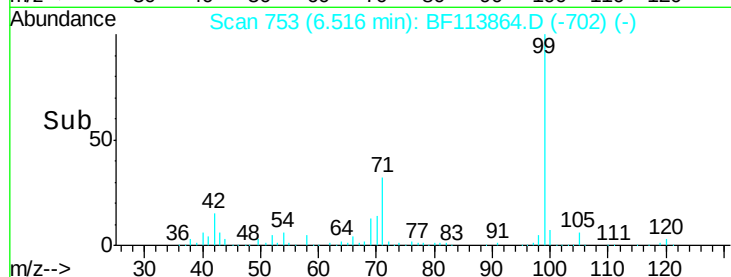
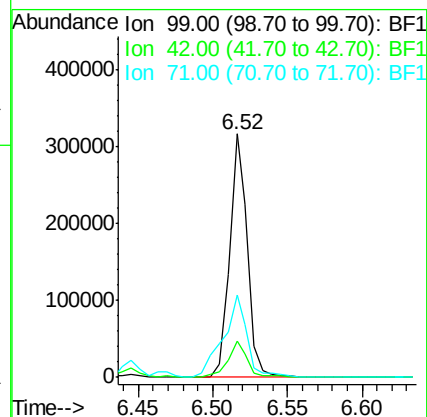
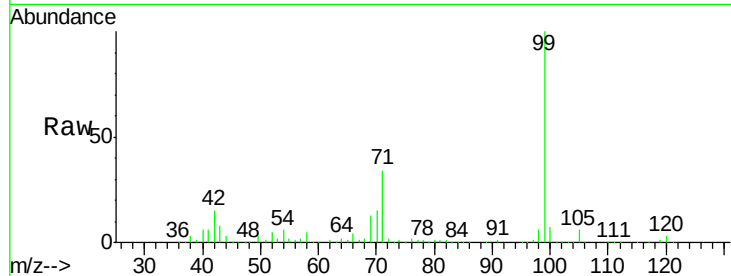
ClientSampleId :

HR-05-041719-B

Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.5	18.7
71	33.9	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

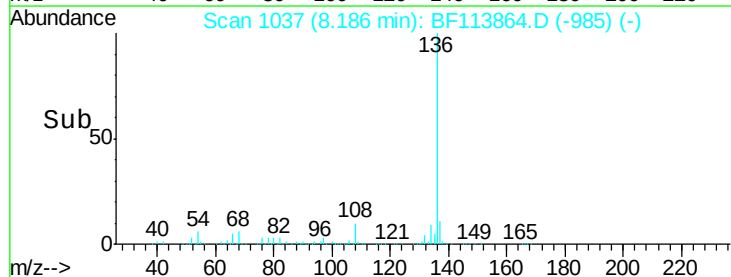
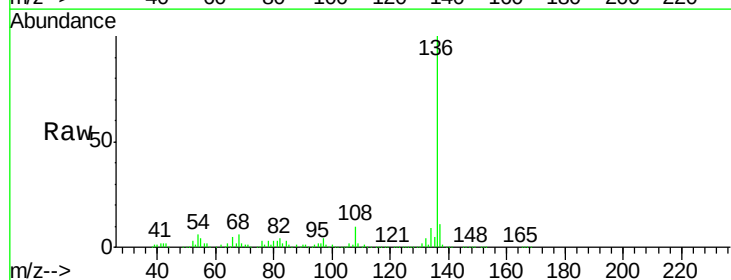
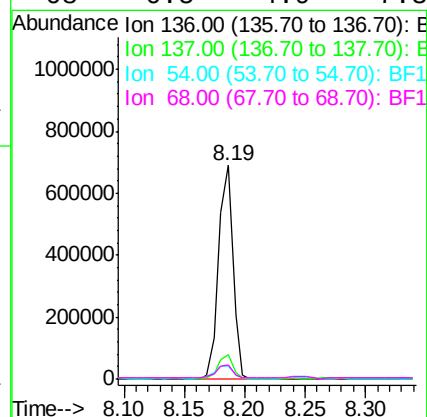
RT: 8.19 min Scan# 1037

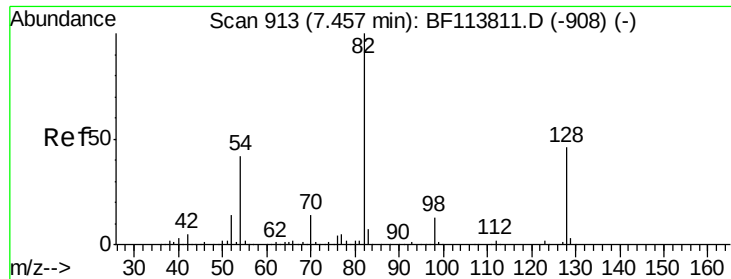
Delta R.T. 0.01 min

Lab File: BF113864.D

Acq: 19 Apr 2019 17:47

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	6.3	5.0	7.6
68	6.5	4.9	7.3





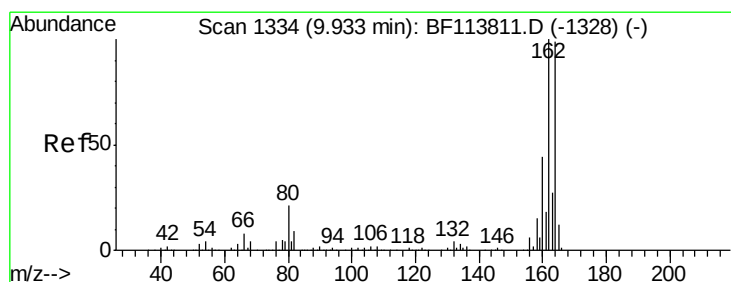
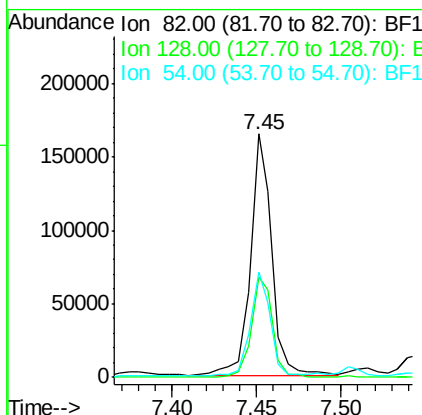
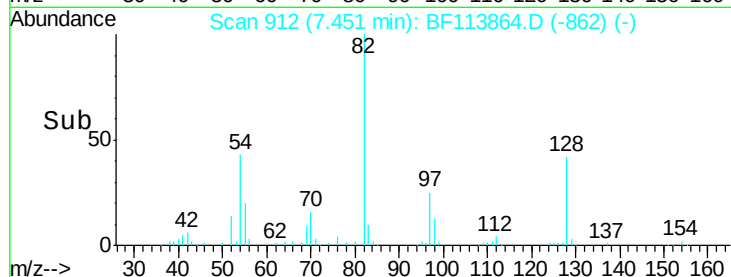
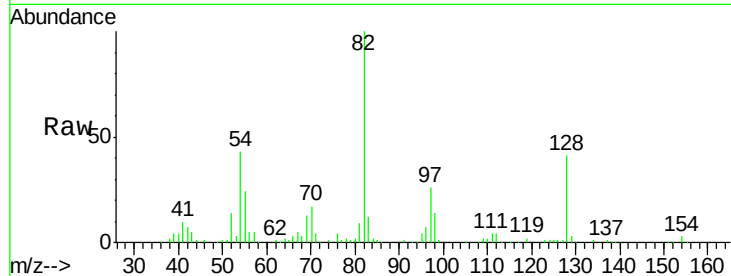
#23
 Nitrobenzene-d5
 Concen: 15.648 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113864.D
 Acq: 19 Apr 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-B

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	144334		
128	41.2	36.8	55.2	
54	43.4	33.8	50.6	

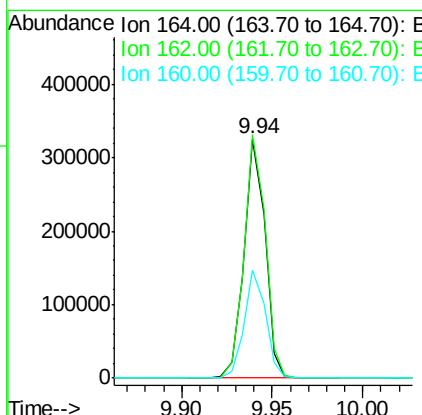
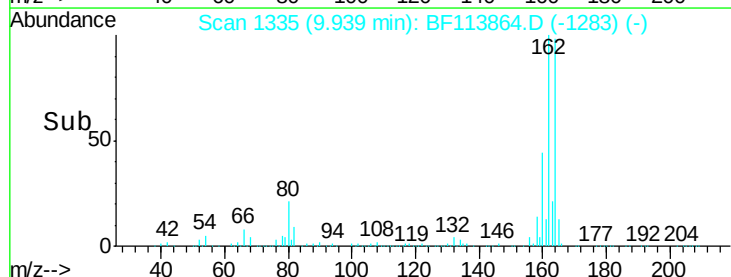
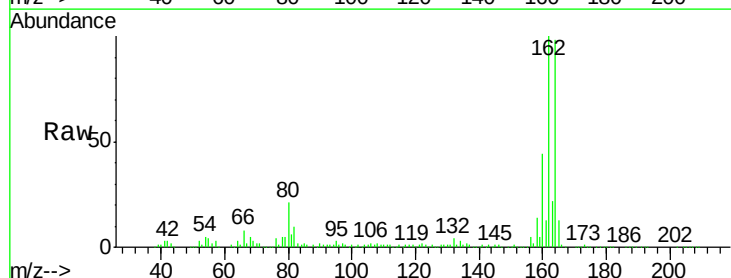
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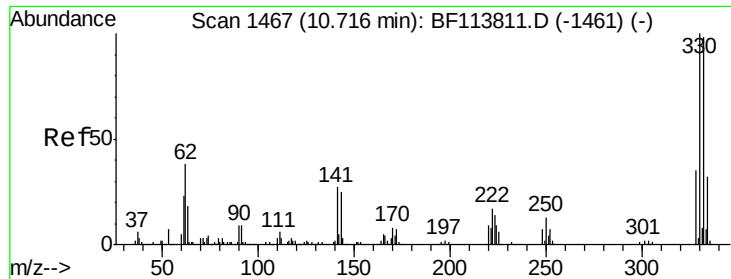
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF113864.D
 Acq: 19 Apr 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	261327		
162	102.1	81.1	121.7	
160	45.2	35.8	53.6	





#42

2,4,6-Tribromophenol

Concen: 20.789 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF113864.D

Acq: 19 Apr 2019 17:47

Instrument :

BNA_F

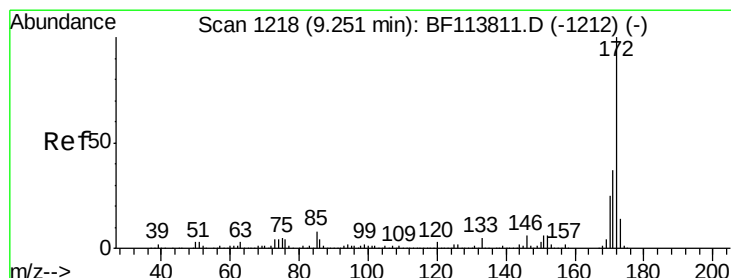
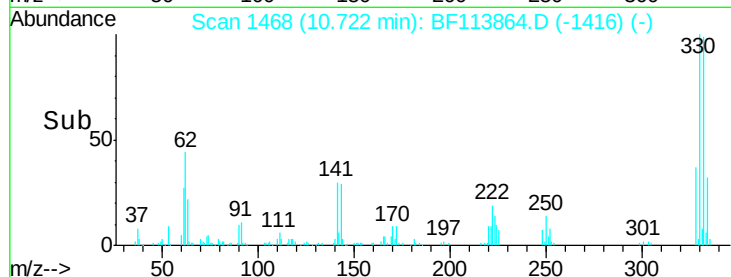
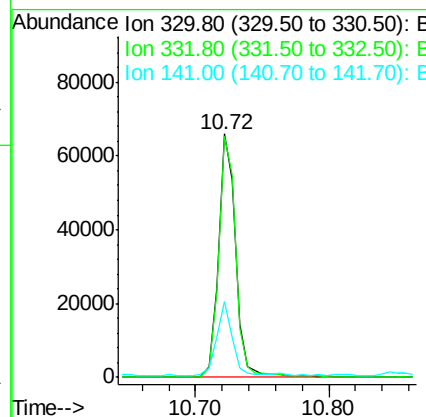
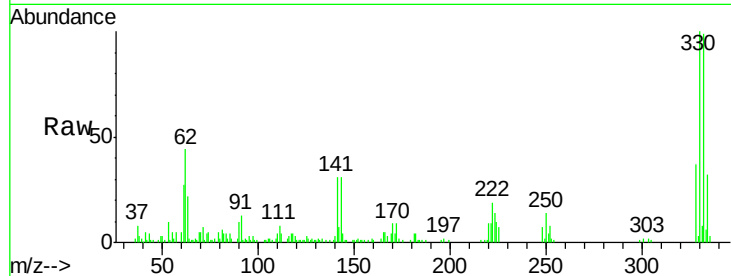
ClientSampleId :

HR-05-041719-B

Tgt Ion:	330	Resp:	60021
Ion Ratio	Lower	Upper	
330	100		
332	98.6	77.5	116.3
141	27.6	22.2	33.2

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#45

2-Fluorobiphenyl

Concen: 14.486 ng

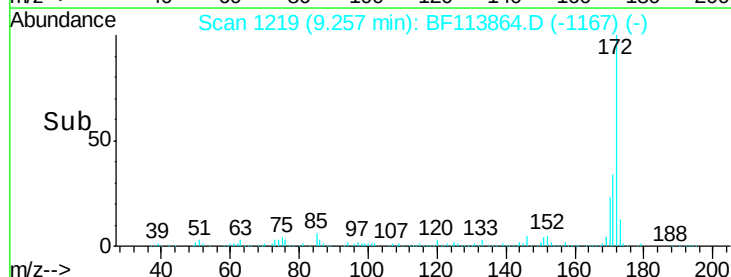
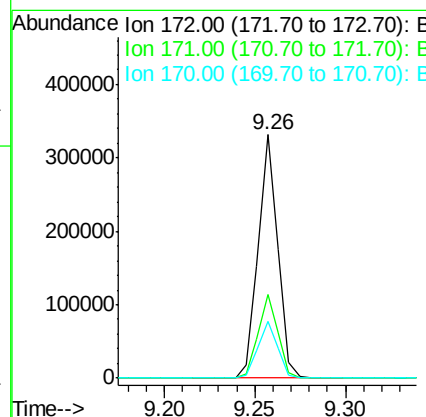
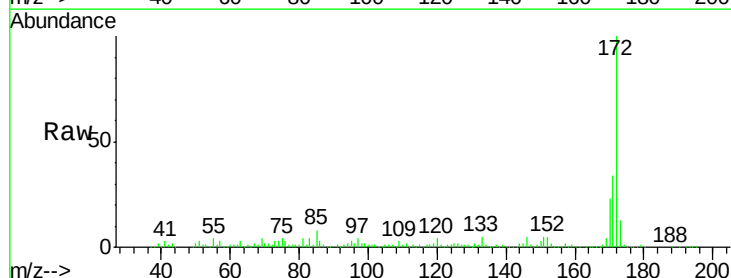
RT: 9.26 min Scan# 1219

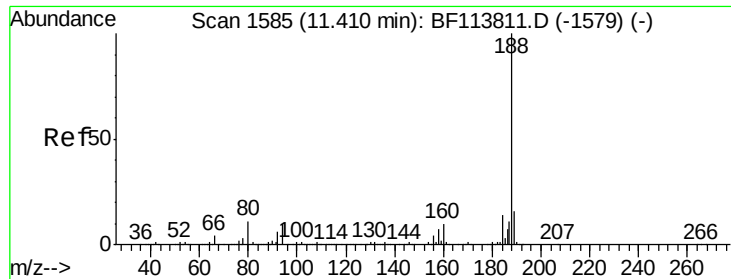
Delta R.T. 0.01 min

Lab File: BF113864.D

Acq: 19 Apr 2019 17:47

Tgt Ion:	172	Resp:	248221
Ion Ratio	Lower	Upper	
172	100		
171	34.2	29.4	44.0
170	23.1	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.02 min

Lab File: BF113864.D

Acq: 19 Apr 2019 17:47

Instrument :

BNA_F

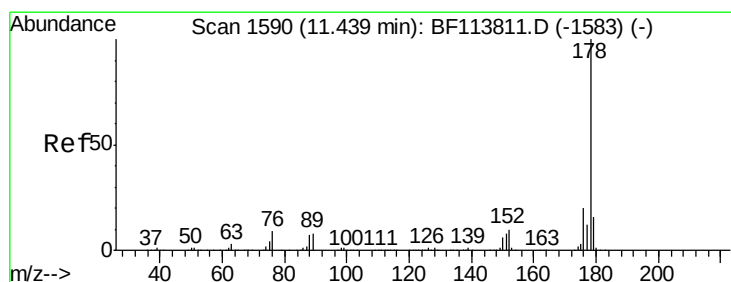
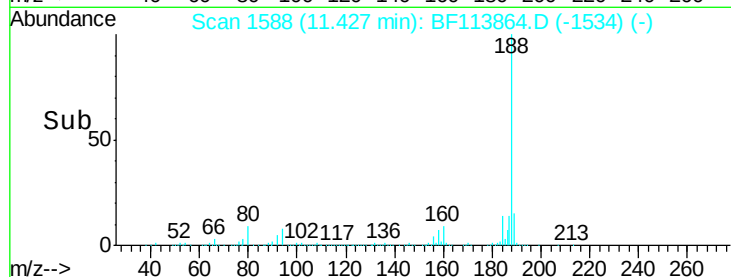
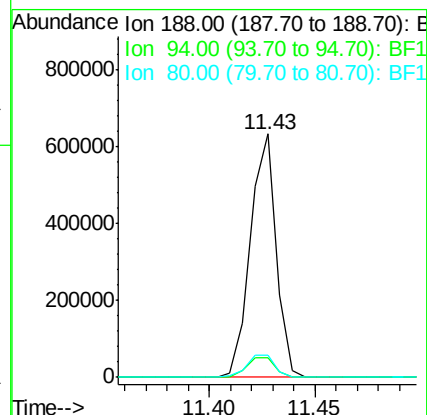
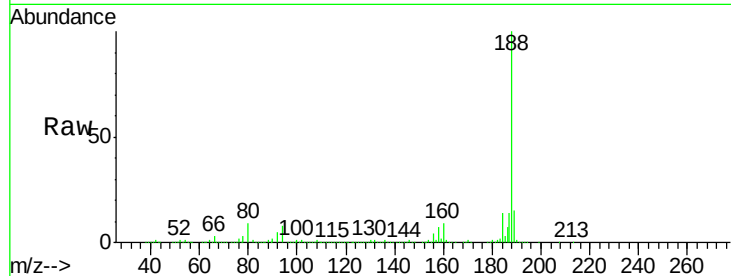
ClientSampleId :

HR-05-041719-B

Tgt Ion:	188	Resp:	535338
Ion Ratio	Lower	Upper	
188	100		
94	8.3	8.2	12.4
80	9.2	9.0	13.6

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#71

Phenanthrene

Concen: 4.464 ng

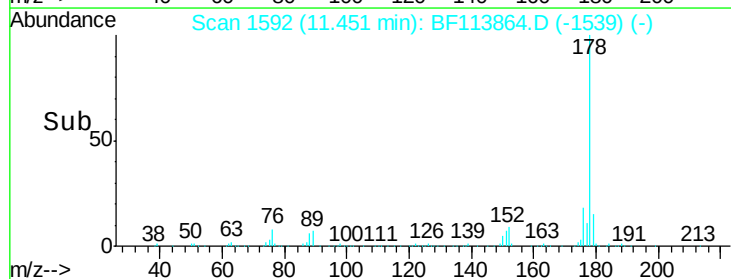
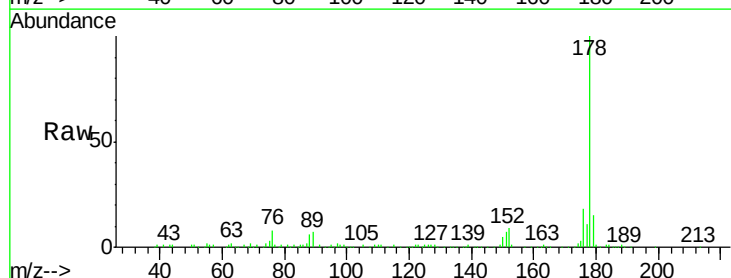
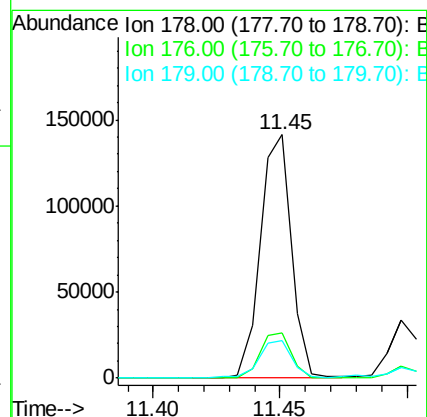
RT: 11.45 min Scan# 1592

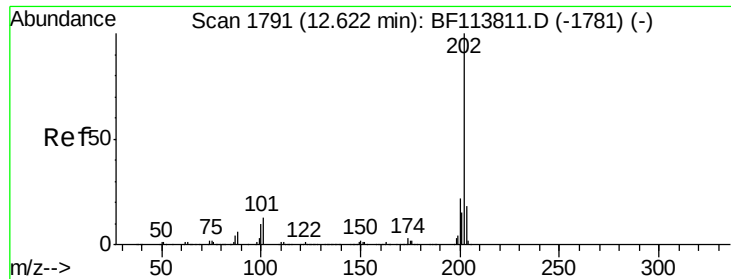
Delta R.T. 0.01 min

Lab File: BF113864.D

Acq: 19 Apr 2019 17:47

Tgt Ion:	178	Resp:	121719
Ion Ratio	Lower	Upper	
178	100		
176	18.3	16.1	24.1
179	15.3	12.8	19.2





#75

Fluoranthene

Concen: 6.810 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.04 min

Lab File: BF113864.D

Acq: 19 Apr 2019 17:47

Instrument :

BNA_F

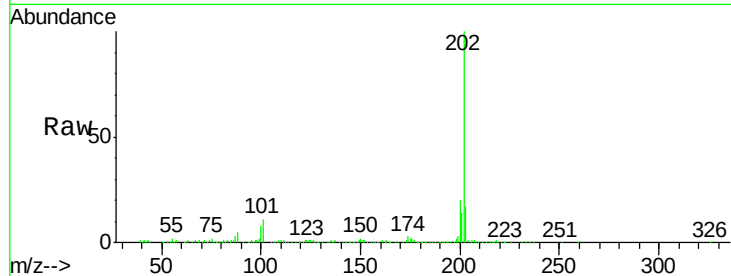
ClientSampleId :

HR-05-041719-B

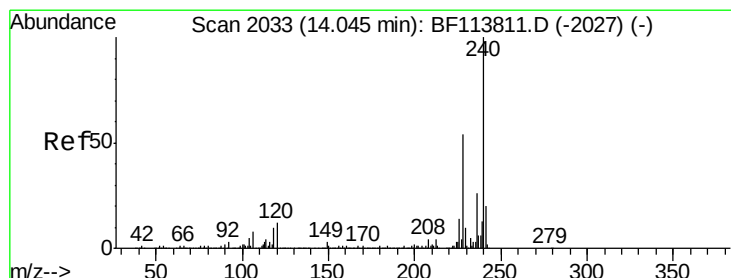
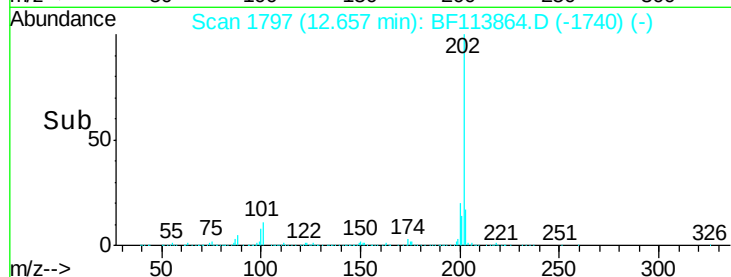
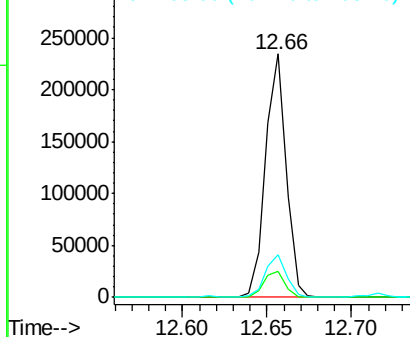
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		196773		
101	10.7	0.0	32.9		
203	17.3	0.0	38.2		

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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

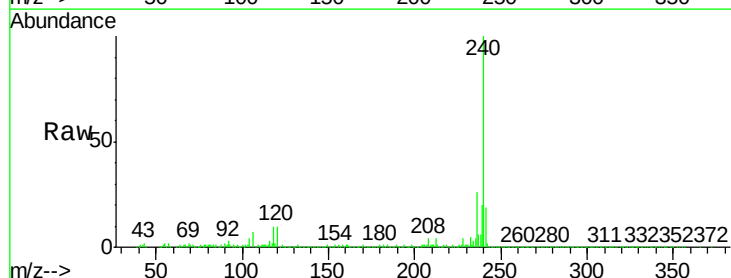
RT: 14.22 min Scan# 2063

Delta R.T. 0.18 min

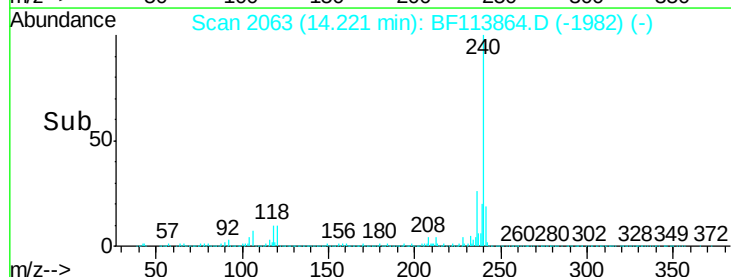
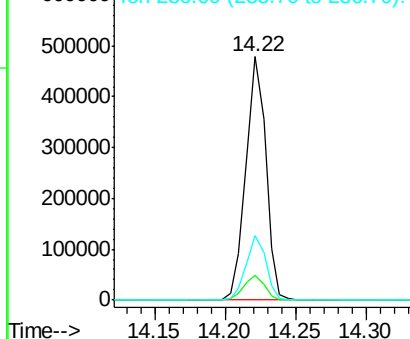
Lab File: BF113864.D

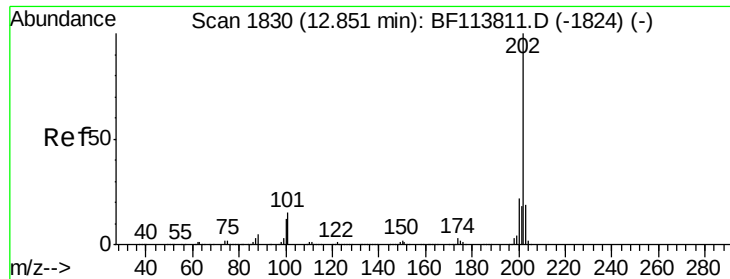
Acq: 19 Apr 2019 17:47

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		475394		
120	10.0	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

Pyrene

Concen: 5.001 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.04 min

Lab File: BF113864.D

Acq: 19 Apr 2019 17:47

Instrument :

BNA_F

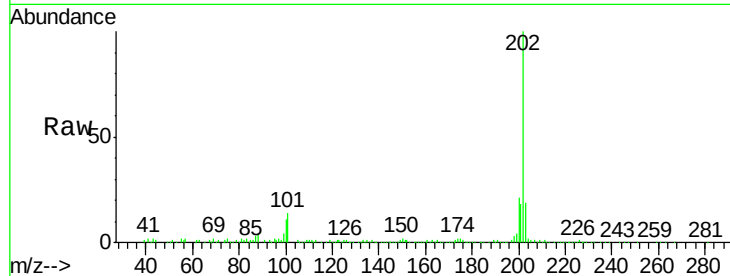
ClientSampleId :

HR-05-041719-B

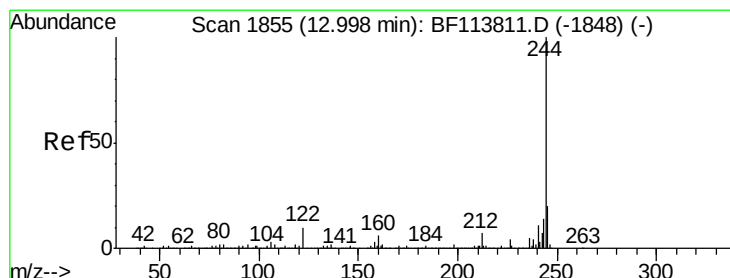
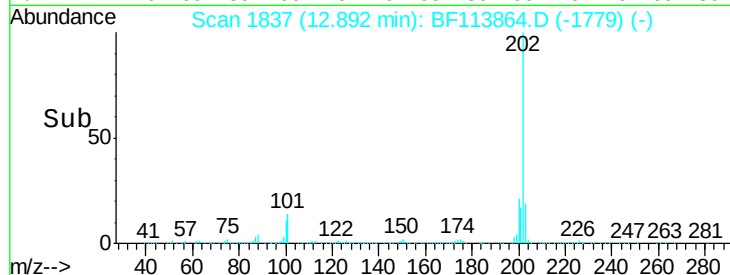
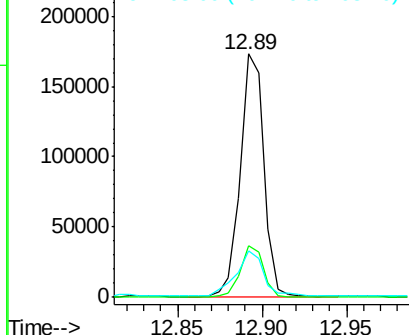
Tgt Ion:	202	Resp:	167567
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	19.1	15.0	22.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 14.885 ng

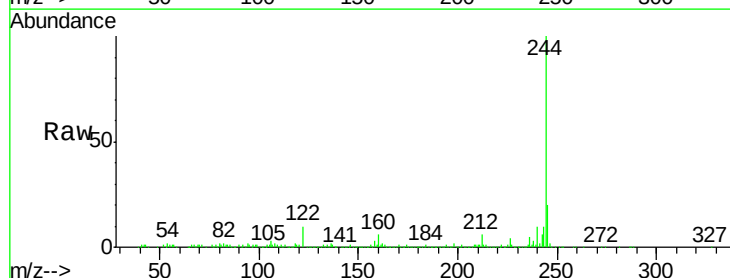
RT: 13.04 min Scan# 1863

Delta R.T. 0.05 min

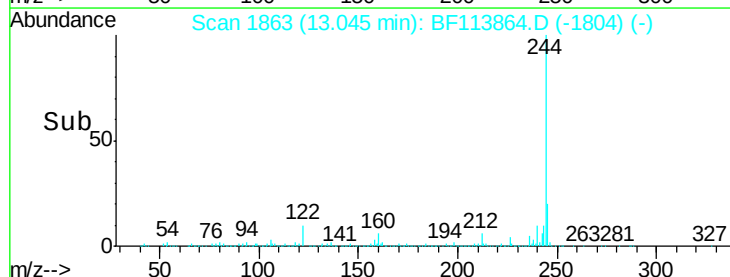
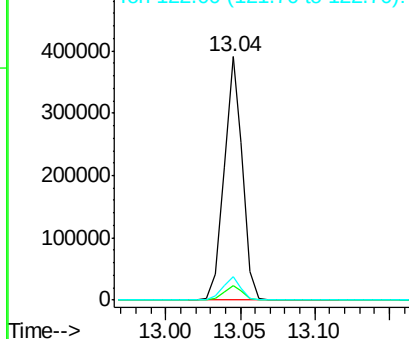
Lab File: BF113864.D

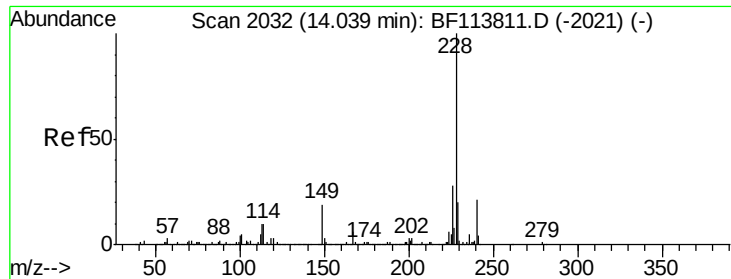
Acq: 19 Apr 2019 17:47

Tgt Ion:	244	Resp:	337450
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.2
122	9.6	7.6	11.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





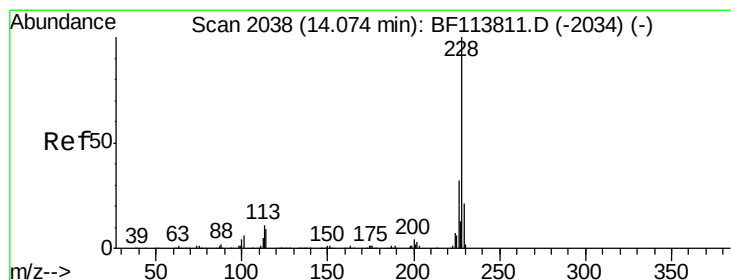
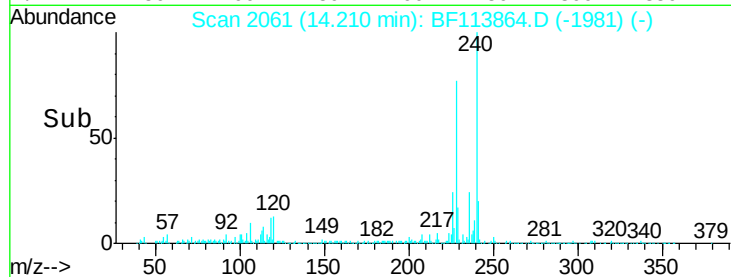
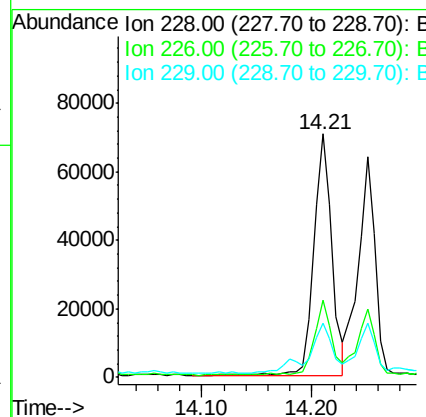
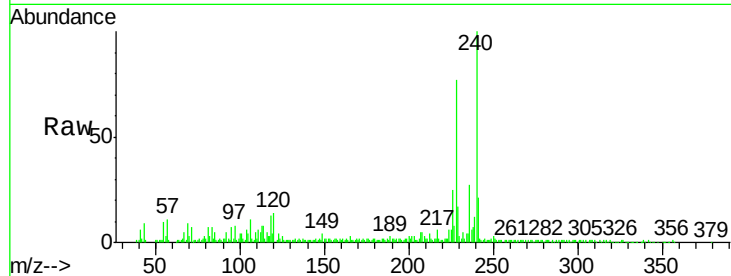
#81
Benzo(a)anthracene
Concen: 2.815 ng
RT: 14.21 min Scan# 2061
Delta R.T. 0.17 min
Lab File: BF113864.D
Acq: 19 Apr 2019 17:47

Instrument :
BNA_F
ClientSampleId :
HR-05-041719-B

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.2	33.2
229	22.4	16.0	24.0

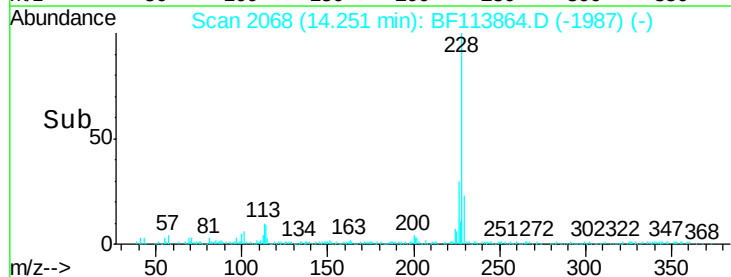
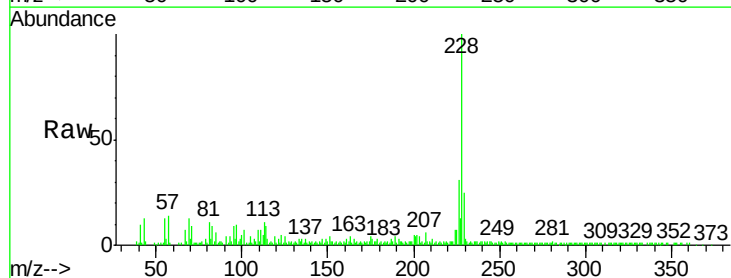
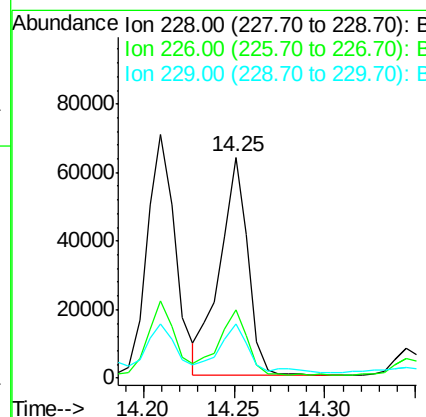
Manual Integrations
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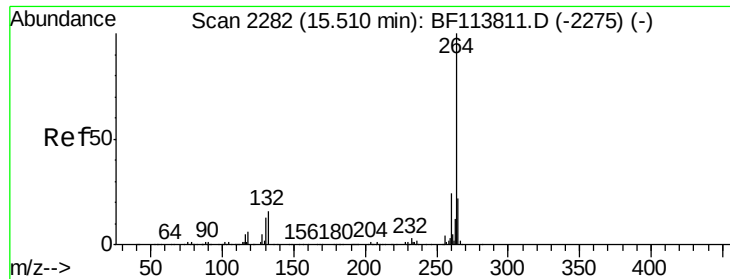
Sohil
4/22/2019 7:26:56 PM



#83
Chrysene
Concen: 2.504 ng
RT: 14.25 min Scan# 2068
Delta R.T. 0.18 min
Lab File: BF113864.D
Acq: 19 Apr 2019 17:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.2	37.8
229	24.6	16.7	25.1





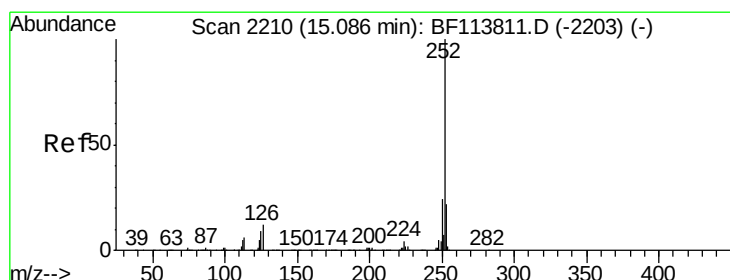
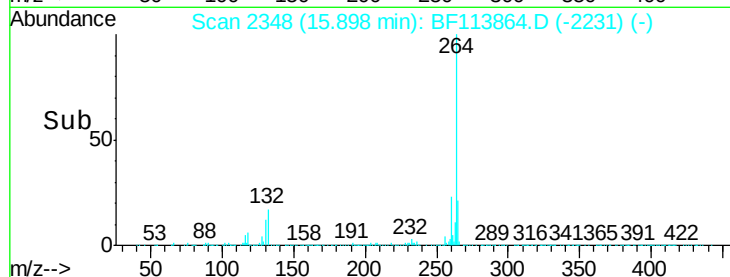
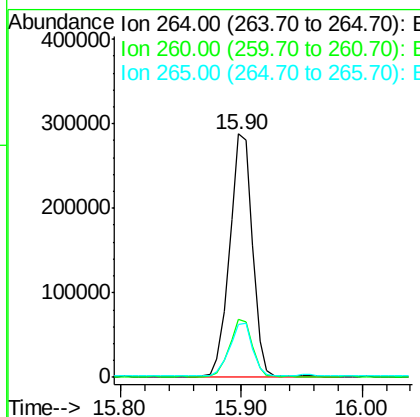
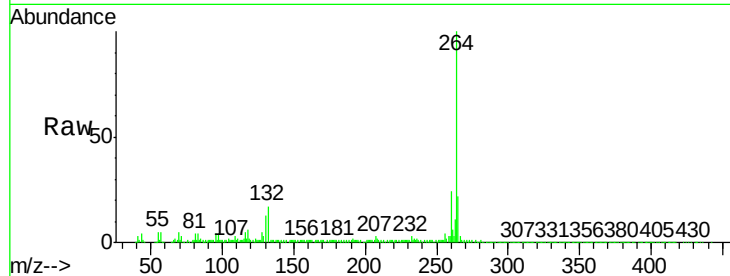
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.90 min Scan# 2348
Delta R.T. 0.39 min
Lab File: BF113864.D
Acq: 19 Apr 2019 17:47

Instrument :
BNA_F
ClientSampleId :
HR-05-041719-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.6	17.3	25.9

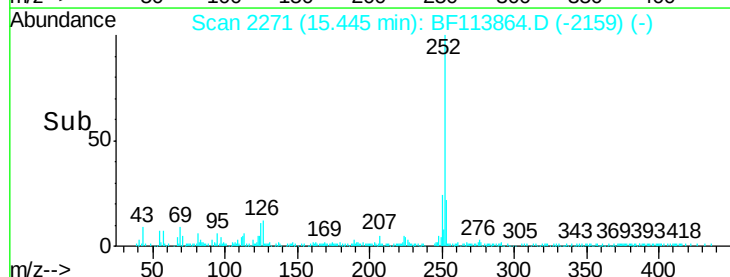
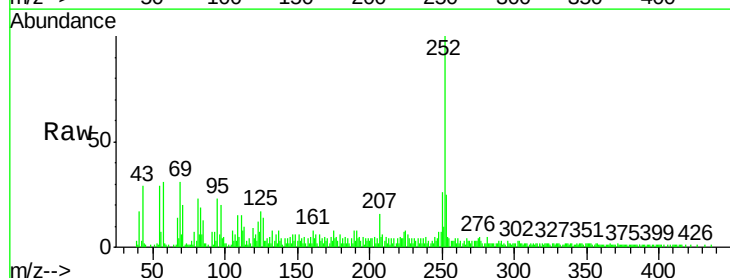
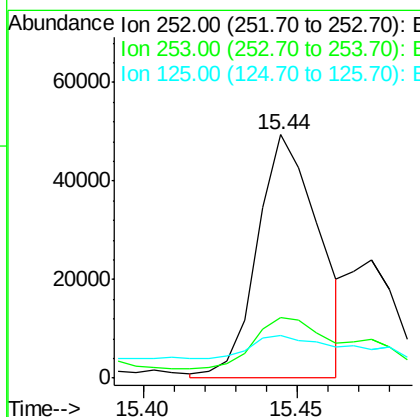
Manual Integrations
APPROVED

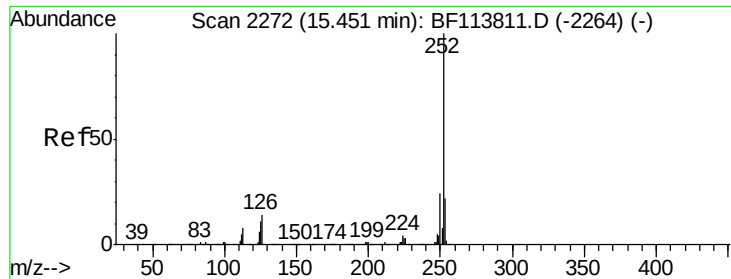
Sohil
4/22/2019 7:26:56 PM



#88
Benzo(b)fluoranthene
Concen: 2.939 ng m
RT: 15.44 min Scan# 2271
Delta R.T. 0.36 min
Lab File: BF113864.D
Acq: 19 Apr 2019 17:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	17.5	7.0	10.6





#90
 Benzo(a)pyrene
 Concen: 2.264 ng
 RT: 15.83 min Scan# 2336
 Delta R.T. 0.38 min
 Lab File: BF113864.D
 Acq: 19 Apr 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-B

Tgt Ion:	252	Resp:	46890
Ion Ratio	Lower	Upper	
252	100		
253	29.3	17.5	26.3#
125	19.6	8.5	12.7#

Manual Integrations
 APPROVED

Sohil
 4/22/2019 7:26:56 PM

