

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115397.D
 Acq On : 5 Jul 2019 19:01
 Operator : HP/JU
 Sample : K3624-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-070319-A

Manual Integrations
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Quant Time: Jul 06 05:01:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	148009	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	581348	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	271655	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	486006	20.00	ng	0.00
76) Chrysene-d12	14.05	240	397902	20.00	ng	-0.02
87) Perylene-d12	15.52	264	337117	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	444236	46.37	ng	0.00
7) Phenol-d6	6.51	99	587553	48.23	ng	-0.01
23) Nitrobenzene-d5	7.45	82	337124	34.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	135568	45.14	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	664166	42.90	ng	0.00
79) Terphenyl-d14	12.99	244	677189	34.85	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.64	163	78700	3.860	ng	98
71) Phenanthrene	11.43	178	69891	2.734	ng	96
75) Fluoranthene	12.62	202	215892	8.022	ng	96
78) Pyrene	12.85	202	213252	6.892	ng	97
81) Benzo(a)anthracene	14.03	228	121588	4.769	ng	99
83) Chrysene	14.07	228	126101	4.814	ng	98
88) Benzo(b)fluoranthene	15.09	252	157032m	7.154	ng	
89) Benzo(k)fluoranthene	15.11	252	54534m	2.794	ng	
90) Benzo(a)pyrene	15.45	252	94691	5.002	ng	97
92) Benzo(g,h,i)perylene	17.43	276	56481	3.689	ng	96

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

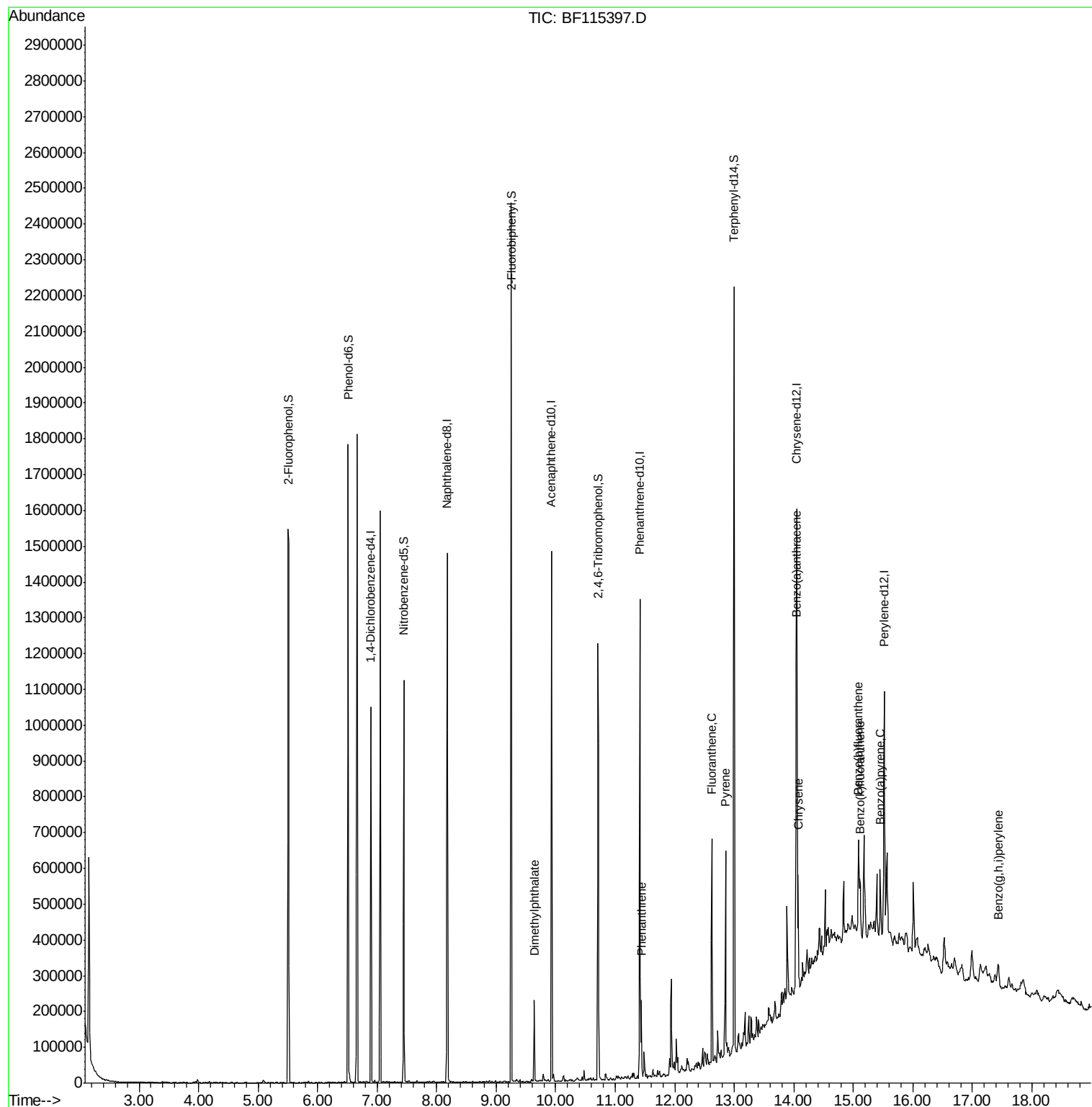
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115397.D
Acq On : 5 Jul 2019 19:01
Operator : HP/JU
Sample : K3624-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

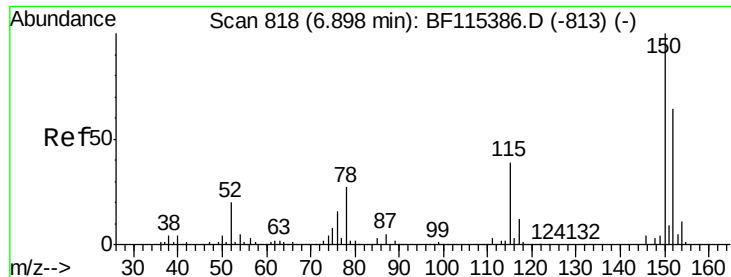
Instrument :
BNA_F
ClientSampleID :
PL-01-070319-A

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#1

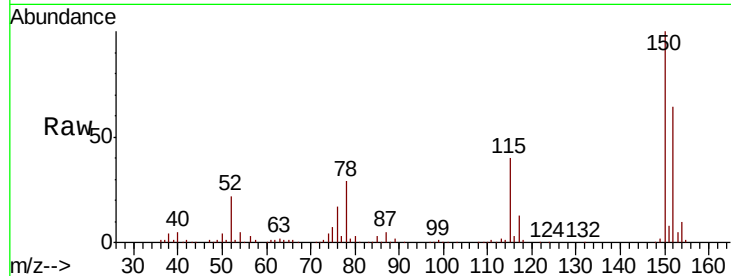
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115397.D
Acq: 5 Jul 2019 19:01

Instrument :
BNA_F
ClientSampleId :
PL-01-070319-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.7	187.1
115	62.7	48.1	72.1

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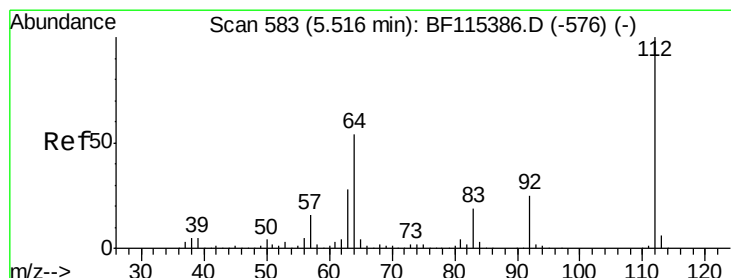
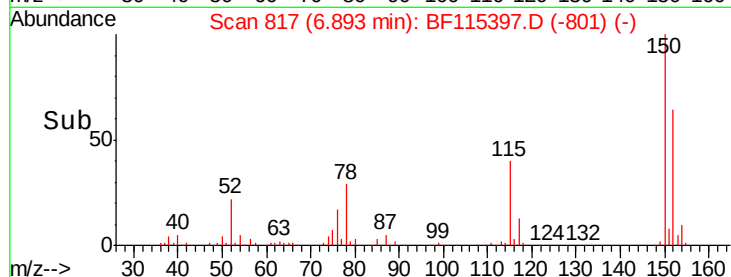
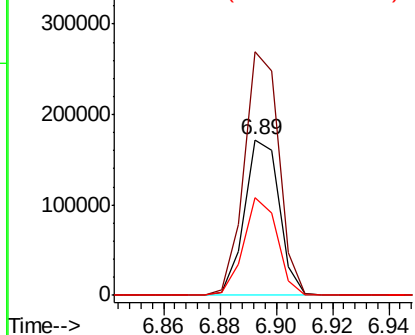


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

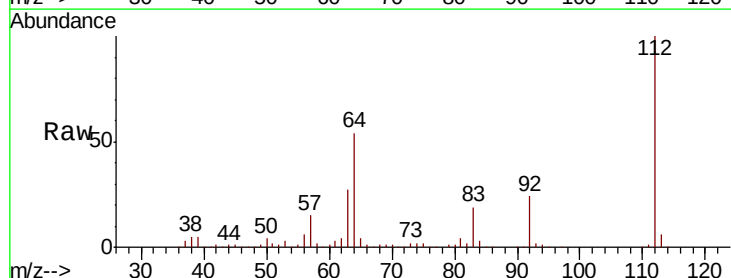
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.373 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF115397.D
Acq: 5 Jul 2019 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	43.0	64.6
63	27.3	22.2	33.2

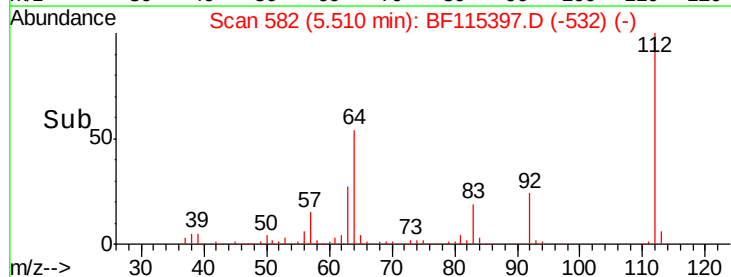
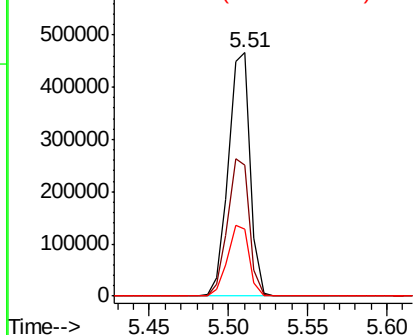


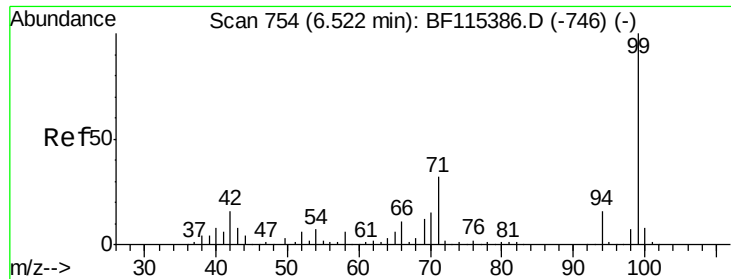
Abundance

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: 48.226 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115397.D

Acq: 5 Jul 2019 19:01

Instrument :

BNA_F

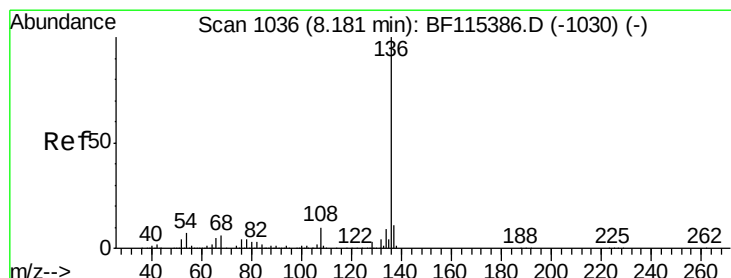
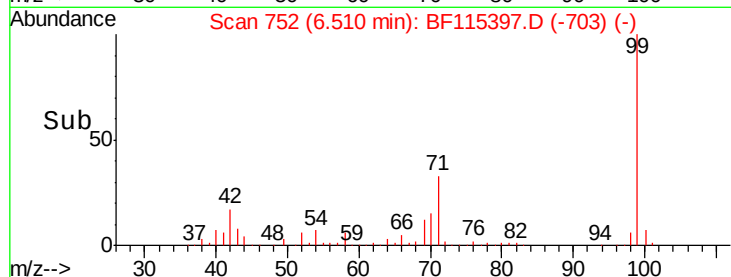
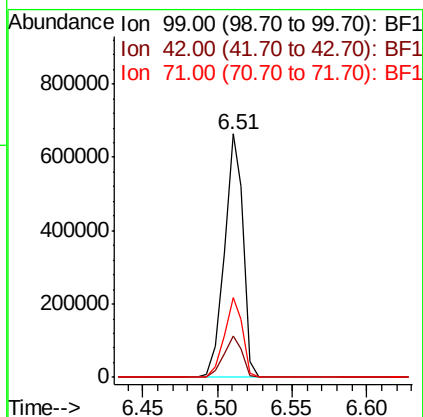
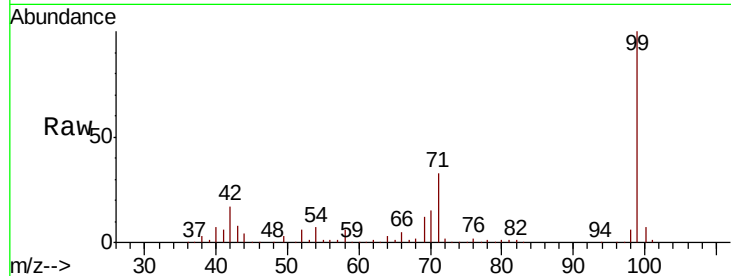
ClientSampleId :

PL-01-070319-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		587553		
42	17.0	13.1	19.7		
71	33.0	25.9	38.9		

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#21

Naphthalene-d8

Concen: 20.000 ng

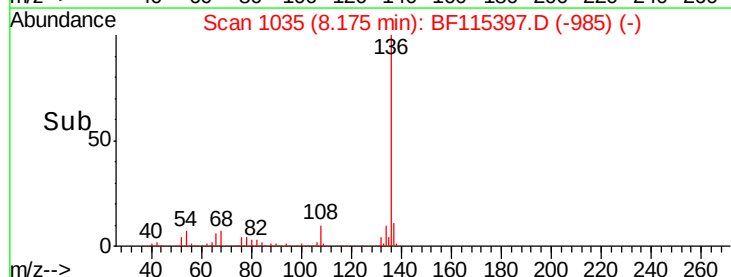
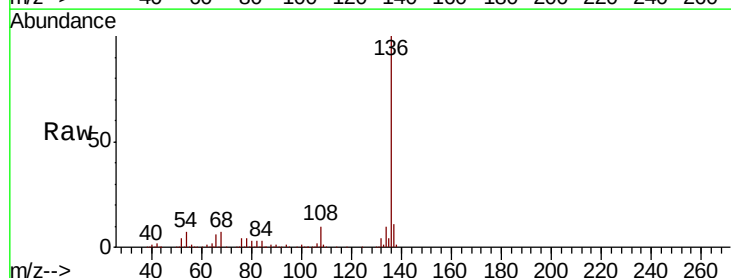
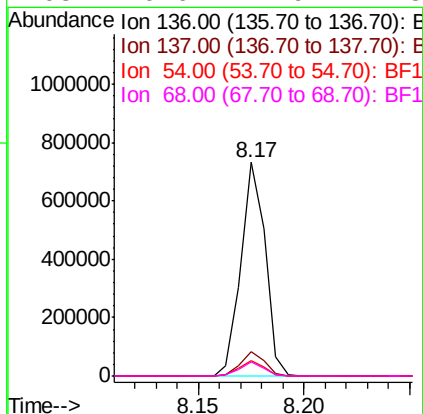
RT: 8.17 min Scan# 1035

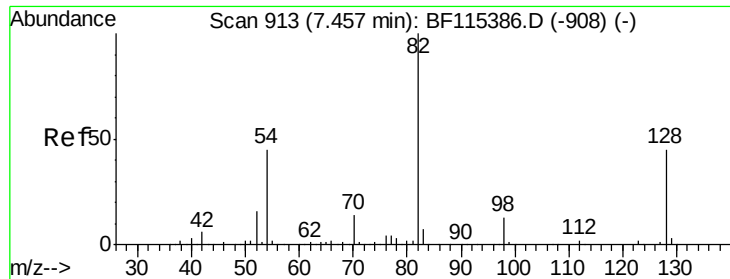
Delta R.T. -0.01 min

Lab File: BF115397.D

Acq: 5 Jul 2019 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		581348		
137	11.3	8.9	13.3		
54	7.3	5.6	8.4		
68	6.6	4.9	7.3		





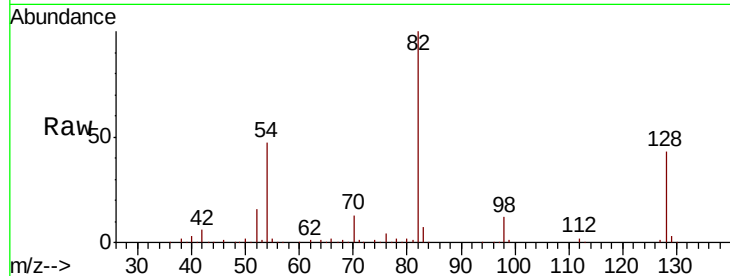
#23
Nitrobenzene-d5
Concen: 34.262 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115397.D
Acq: 5 Jul 2019 19:01

Instrument :
BNA_F
ClientSampleId :
PL-01-070319-A

Tot Ion	82	Resp	337124
Ion Ratio	100	Lower	Upper
82	100		
128	42.9	35.7	53.5
54	46.7	36.3	54.5

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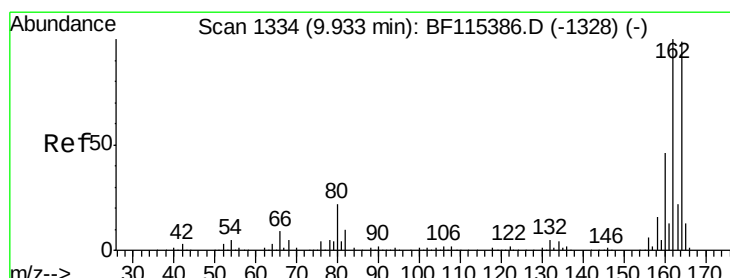
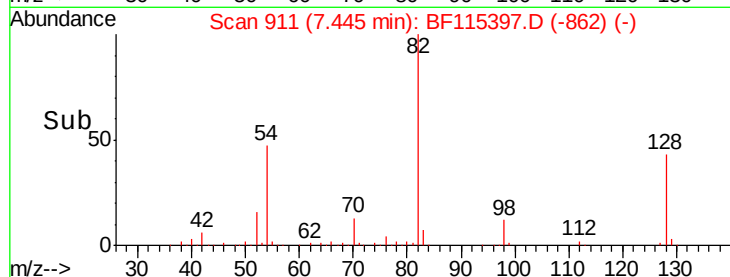
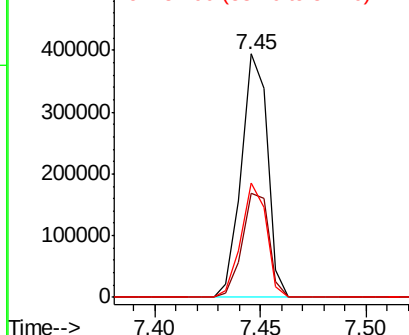


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115397.D
Acq: 5 Jul 2019 19:01

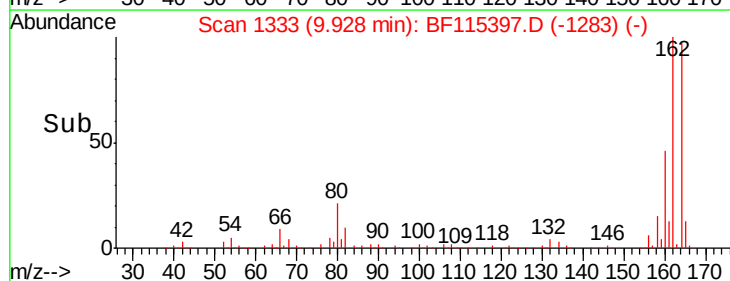
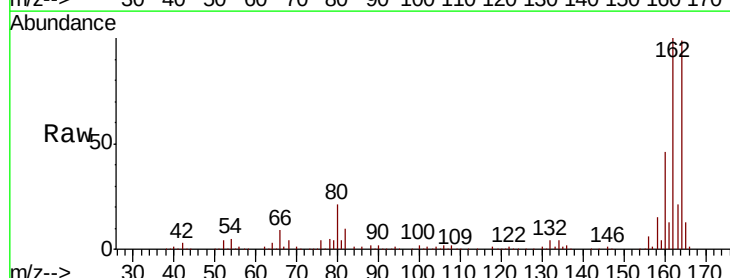
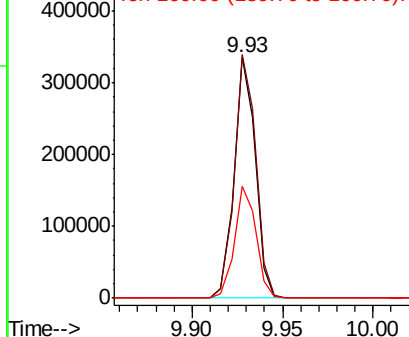
Tgt Ion	164	Resp	271655
Ion Ratio	100	Lower	Upper
164	100		
162	101.2	80.6	121.0
160	46.4	37.0	55.6

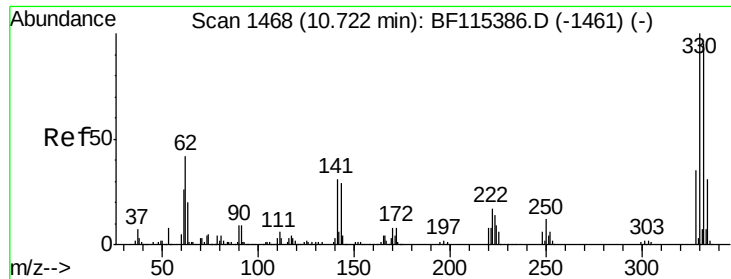
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 45.135 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF115397.D

Acq: 5 Jul 2019 19:01

Instrument :

BNA_F

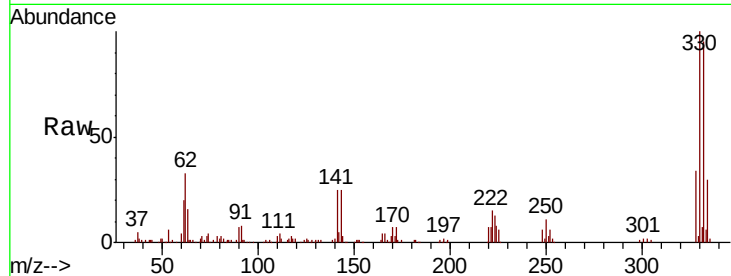
ClientSampleId :

PL-01-070319-A

Tot Ion:	330	Resp:	135568
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.3	114.5
141	34.5	27.0	40.4

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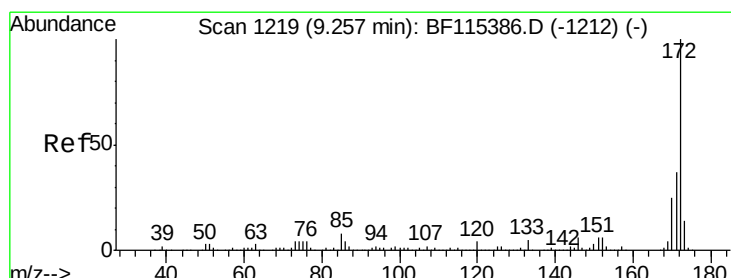
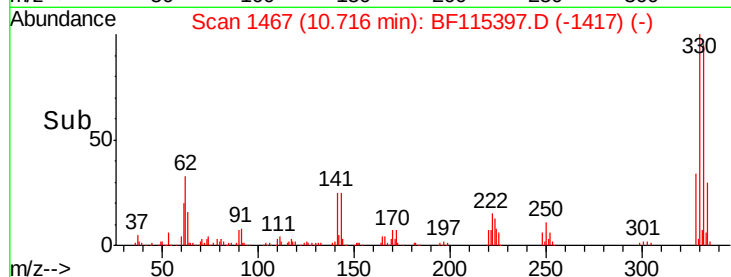
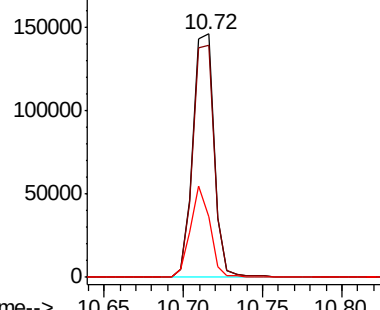


Abundance

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: 42.902 ng

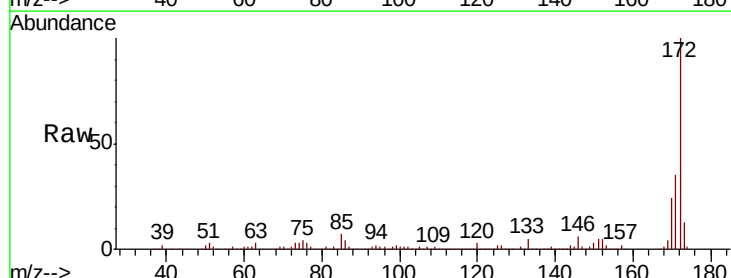
RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF115397.D

Acq: 5 Jul 2019 19:01

Tgt Ion:	172	Resp:	664166
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.8	44.8
170	24.2	20.2	30.4

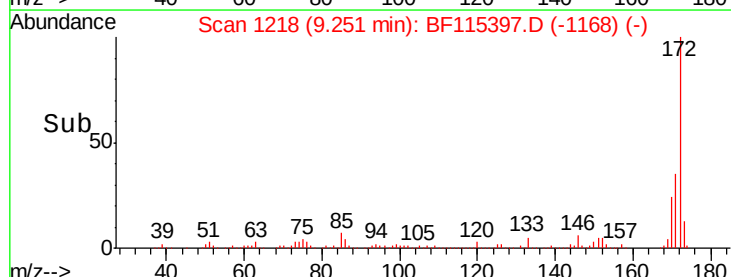
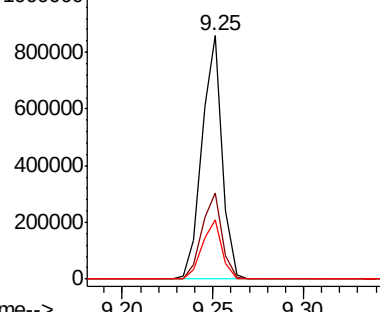


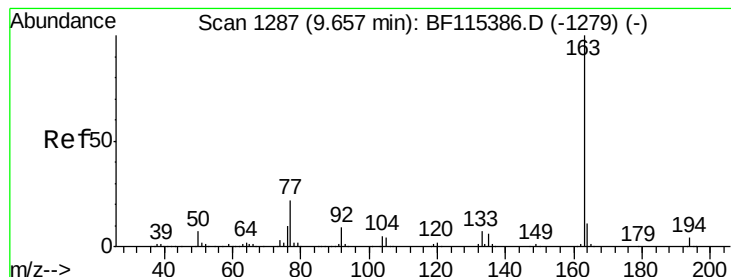
Abundance

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: 3.860 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115397.D

Acq: 5 Jul 2019 19:01

Instrument :

BNA_F

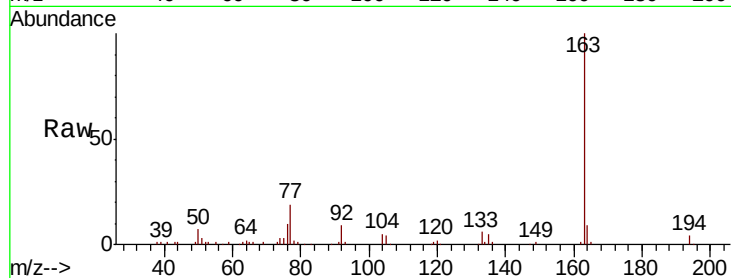
ClientSampleId :

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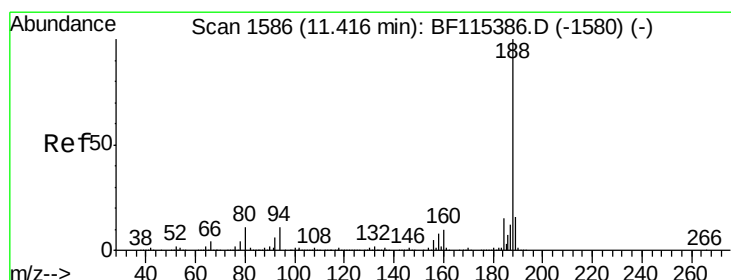
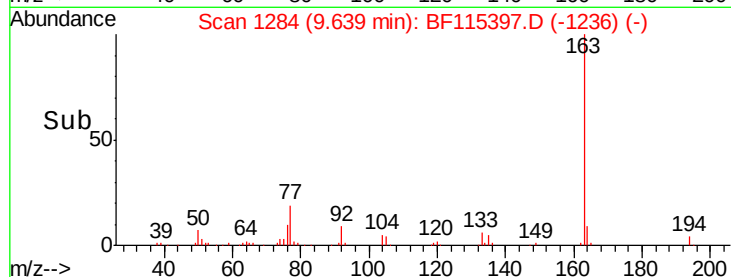
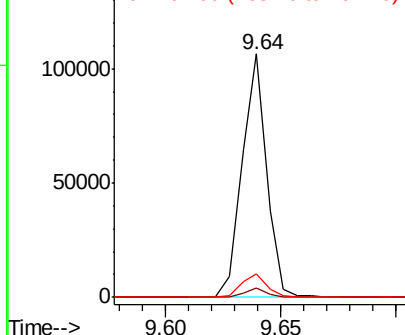
Tot Ion:	163	Resp:	78700
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	9.5	8.5	12.7

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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

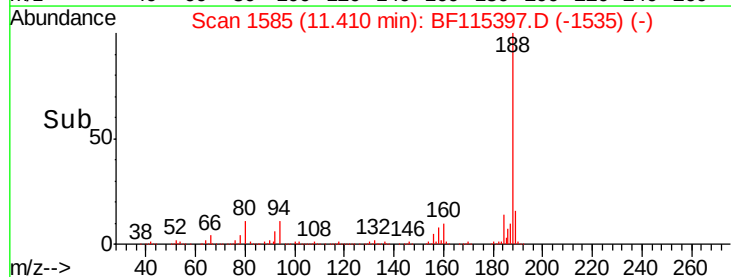
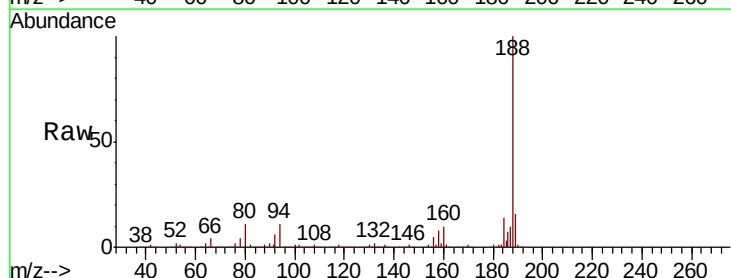
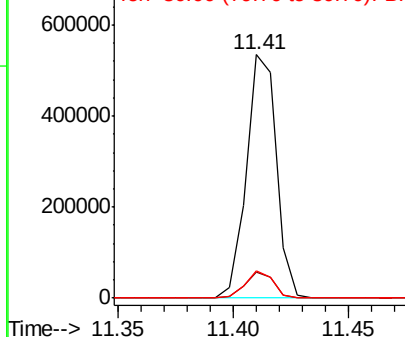
Delta R.T. -0.01 min

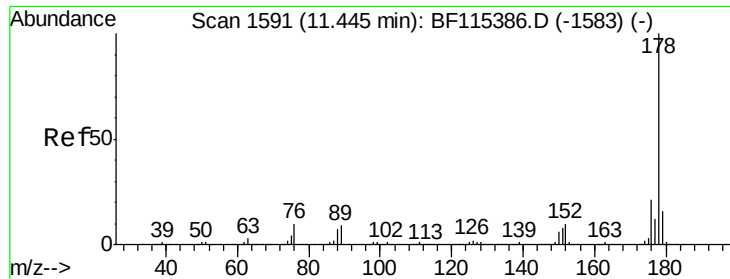
Lab File: BF115397.D

Acq: 5 Jul 2019 19:01

Tgt Ion:	188	Resp:	486006
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.5	12.7
80	11.4	9.1	13.7

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





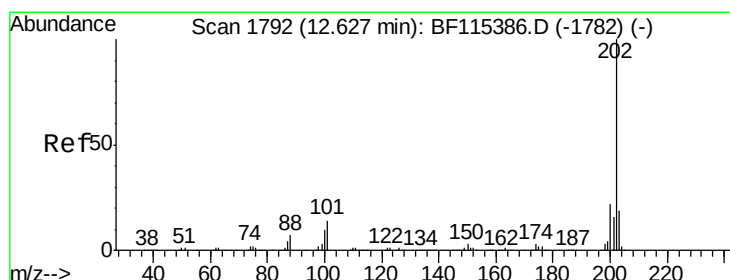
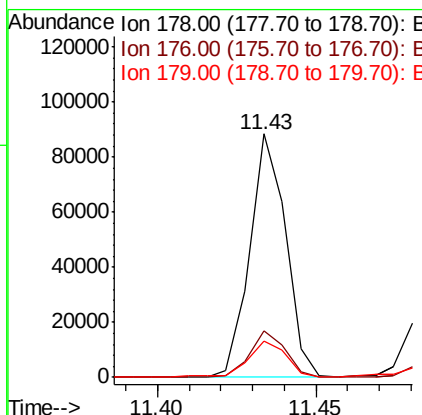
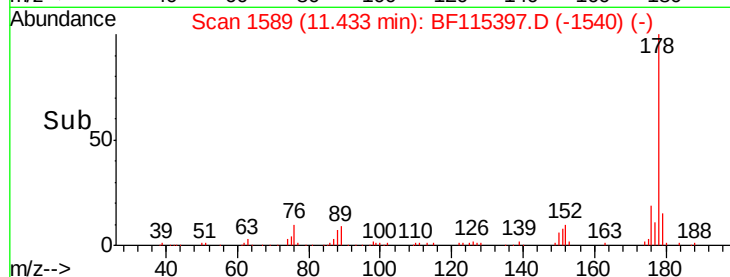
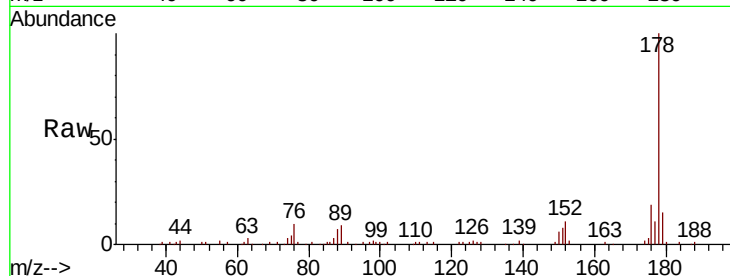
#71
Phenanthrene
Concen: 2.734 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115397.D
Acq: 5 Jul 2019 19:01

Instrument :
BNA_F
ClientSampleId :
PL-01-070319-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.6	25.0
179	15.0	13.0	19.6

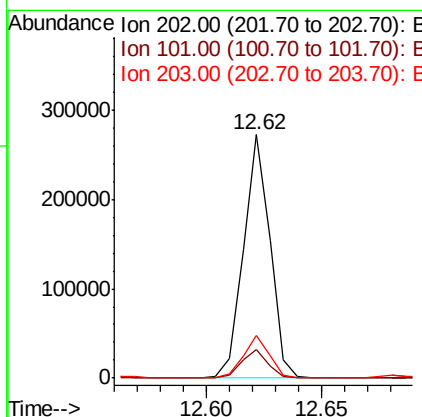
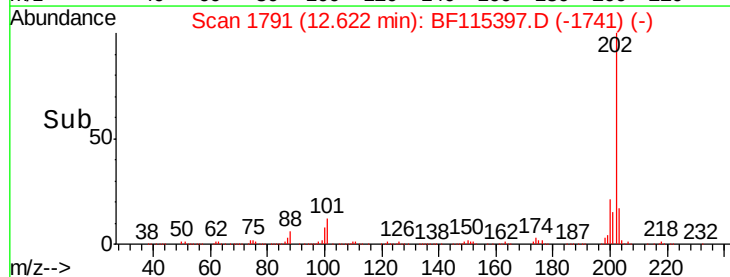
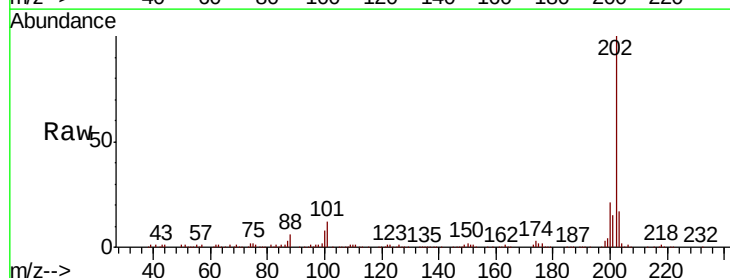
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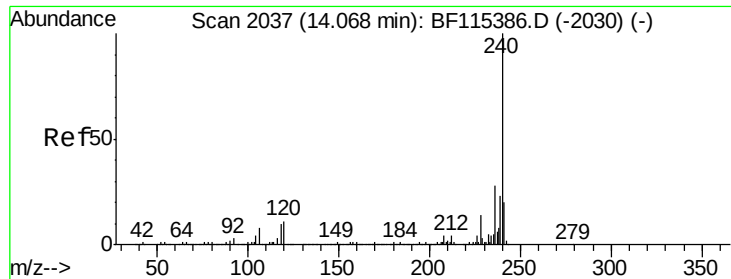
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#75
Fluoranthene
Concen: 8.022 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115397.D
Acq: 5 Jul 2019 19:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.0
203	17.4	0.0	38.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF115397.D

Acq: 5 Jul 2019 19:01

Instrument :

BNA_F

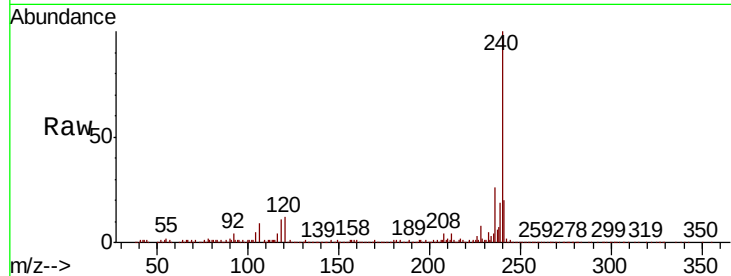
ClientSampleId :

PL-01-070319-A

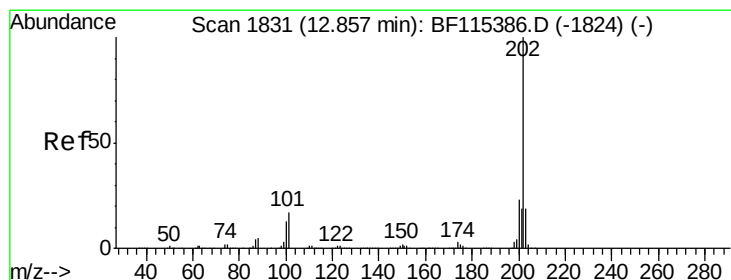
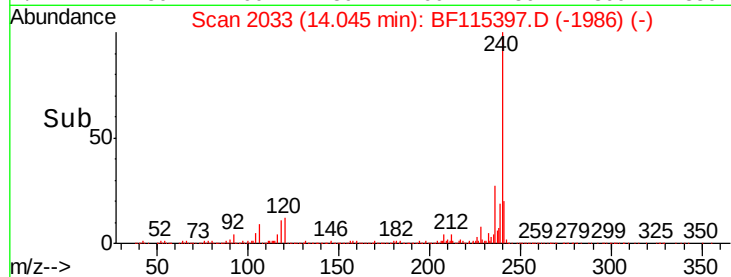
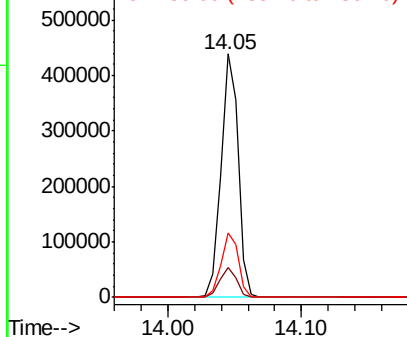
Tot Ion:	240	Resp:	397902
Ion Ratio	Lower	Upper	
240	100		
120	12.5	9.1	13.7
236	26.5	22.5	33.7

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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: 6.892 ng

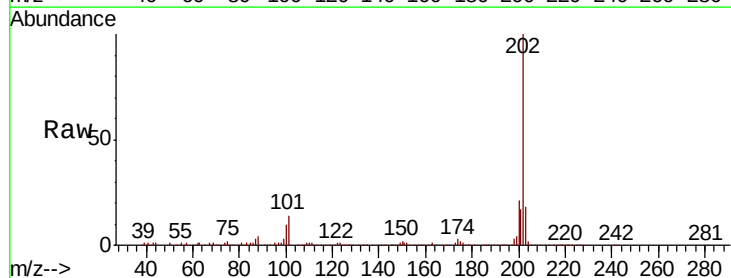
RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

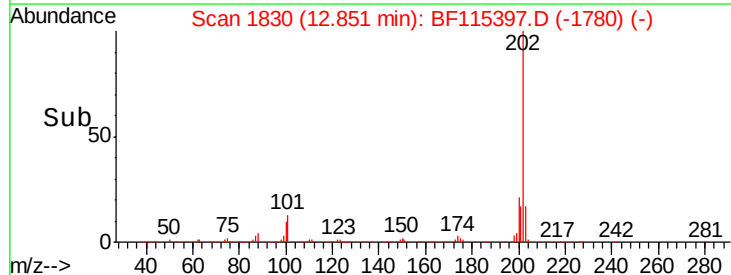
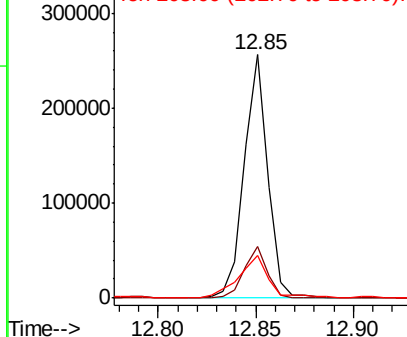
Lab File: BF115397.D

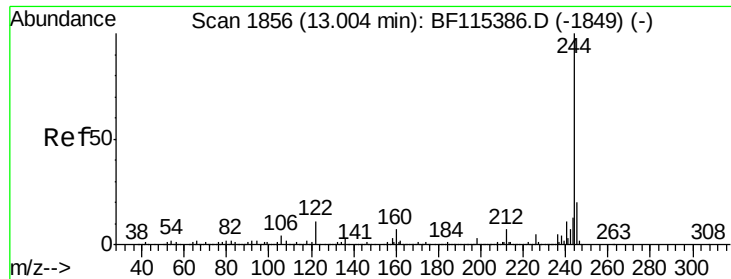
Acq: 5 Jul 2019 19:01

Tgt Ion:	202	Resp:	213252
Ion Ratio	Lower	Upper	
202	100		
200	21.2	18.2	27.4
203	17.6	14.8	22.2



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





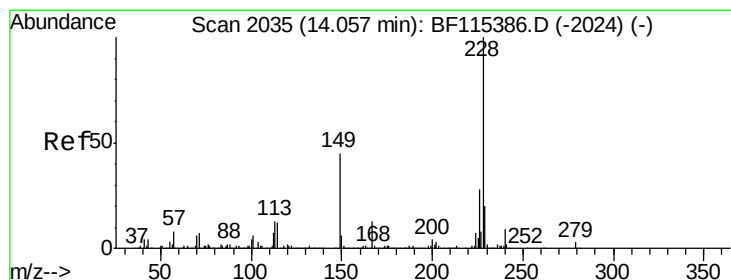
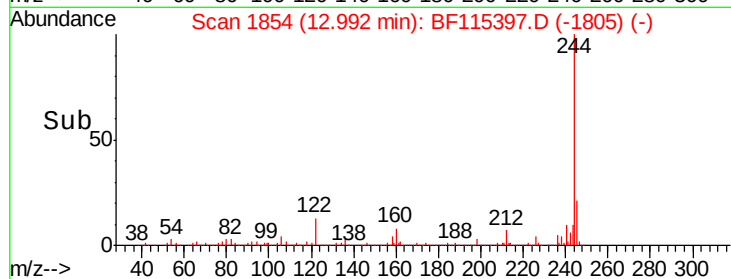
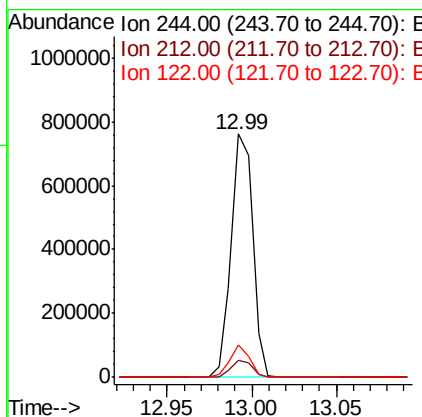
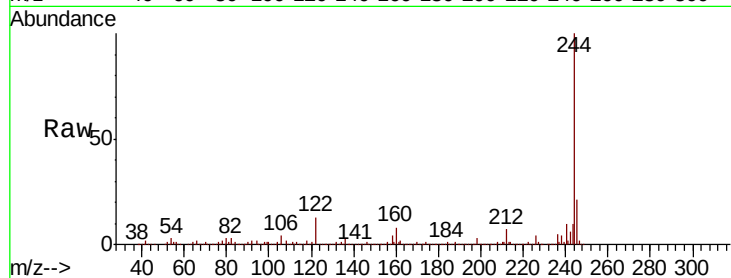
#79
 Terphenyl-d14
 Concen: 34.846 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115397.D
 Acq: 5 Jul 2019 19:01

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-070319-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	13.2	9.1	13.7

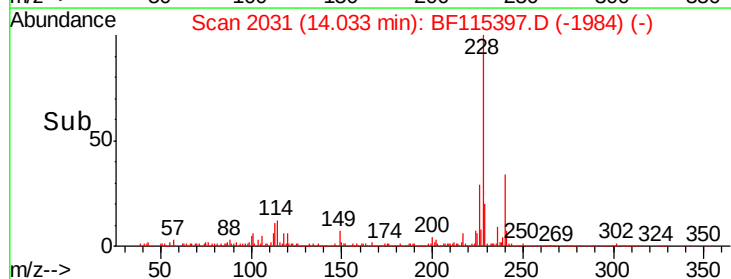
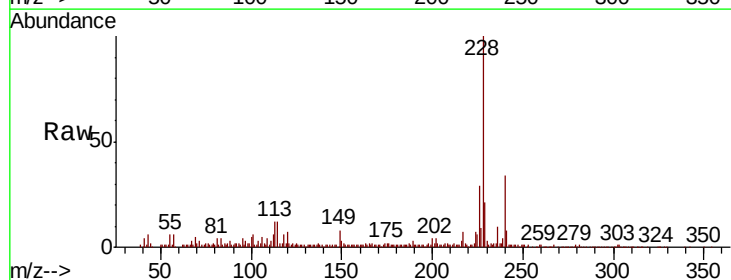
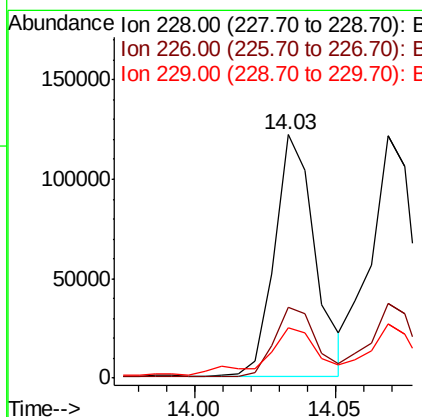
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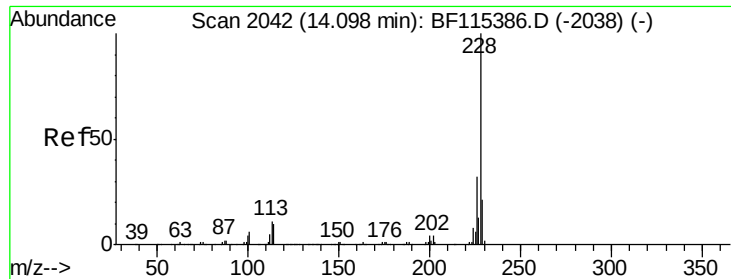
mohammad
 7/8/2019 2:13:09 PM



#81
 Benzo(a)anthracene
 Concen: 4.769 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115397.D
 Acq: 5 Jul 2019 19:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	20.9	16.3	24.5





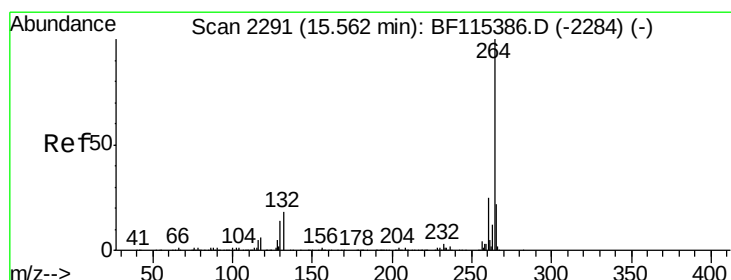
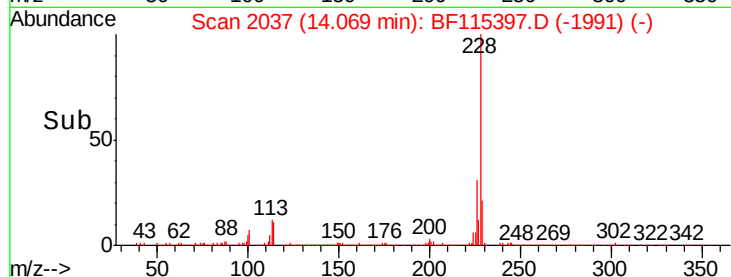
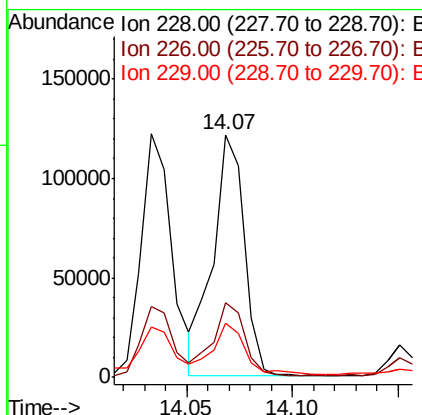
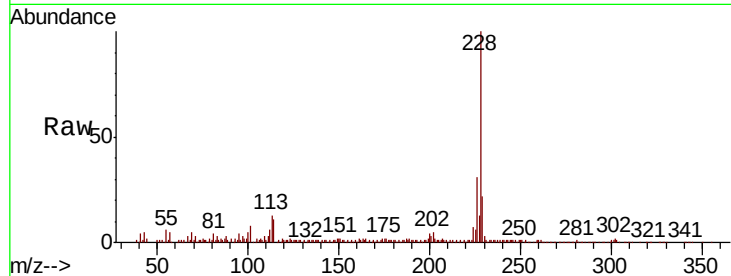
#83
Chrysene
Concen: 4.814 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.03 min
Lab File: BF115397.D
Acq: 5 Jul 2019 19:01

Instrument :
BNA_F
ClientSampleId :
PL-01-070319-A

Tot Ion:	228	Resp:	126101
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.7	38.5
229	22.1	16.6	25.0

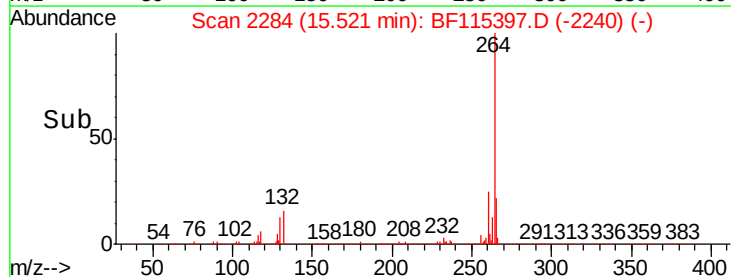
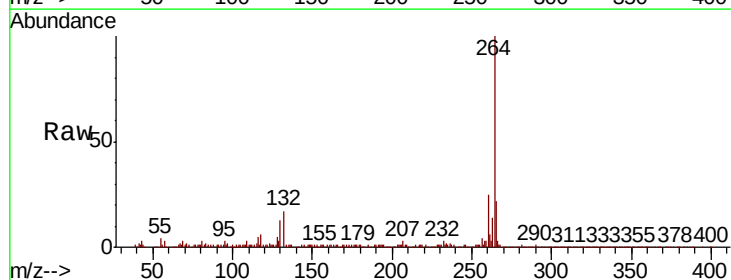
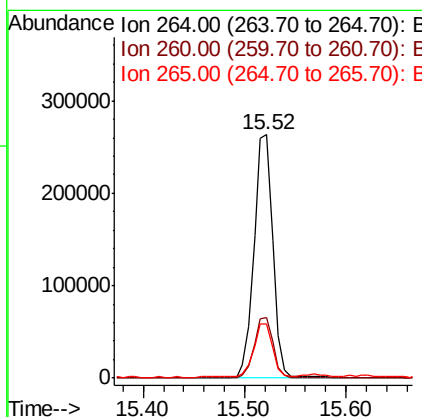
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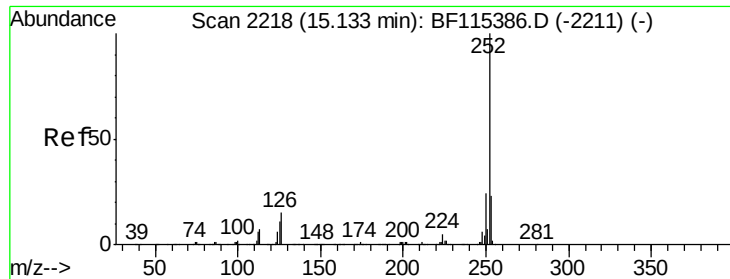
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.04 min
Lab File: BF115397.D
Acq: 5 Jul 2019 19:01

Tgt Ion:	264	Resp:	337117
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.9	29.9
265	22.0	17.4	26.2





#88

Benzo(b)fluoranthene

Concen: 7.154 ng m

RT: 15.09 min Scan# 2210

Delta R.T. -0.05 min

Lab File: BF115397.D

Acq: 5 Jul 2019 19:01

Instrument :

BNA_F

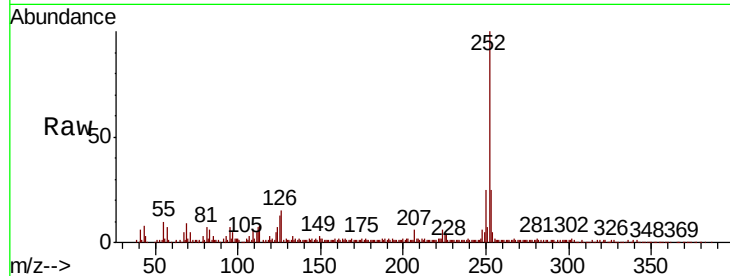
ClientSampleId :

PL-01-070319-A

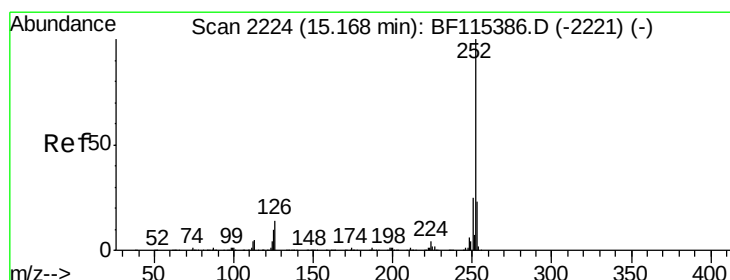
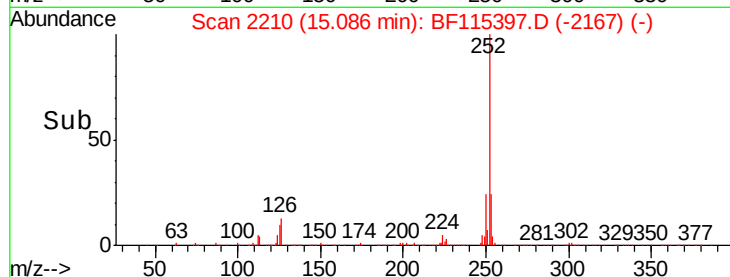
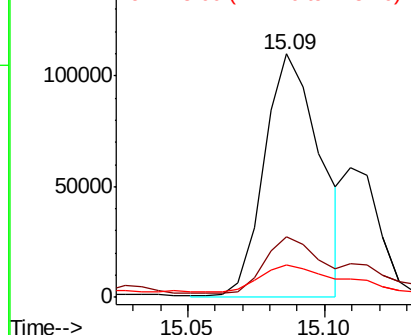
Tot Ion:	252	Resp:	157032
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.1	27.1
125	13.3	9.0	13.6

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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



#89

Benzo(k)fluoranthene

Concen: 2.794 ng m

RT: 15.11 min Scan# 2214

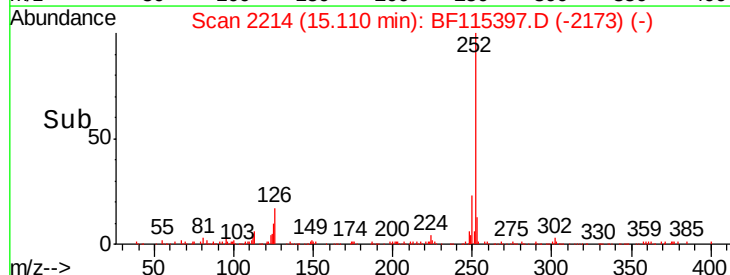
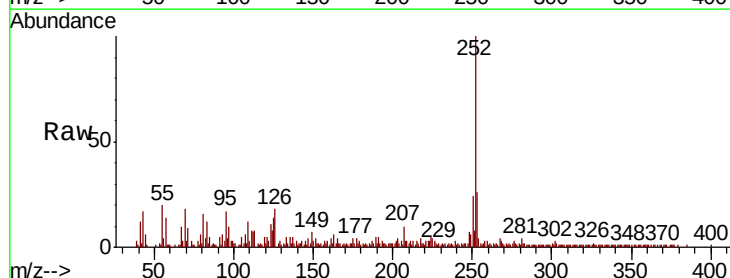
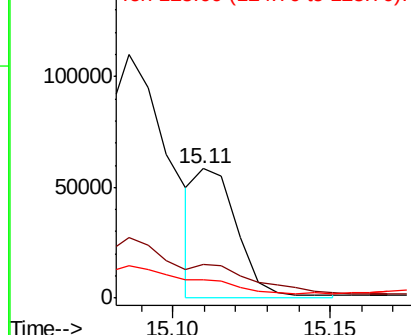
Delta R.T. -0.06 min

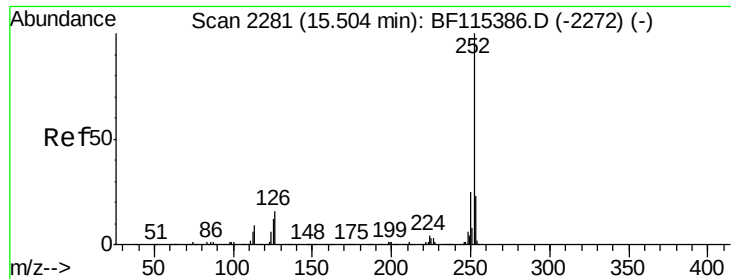
Lab File: BF115397.D

Acq: 5 Jul 2019 19:01

Tgt Ion:	252	Resp:	54534
Ion Ratio	Lower	Upper	
252	100		
253	26.4	18.3	27.5
125	14.2	8.3	12.5#

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





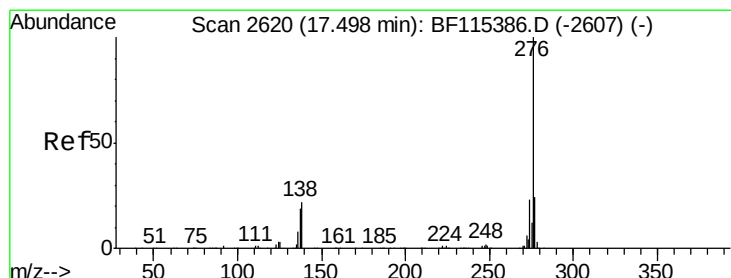
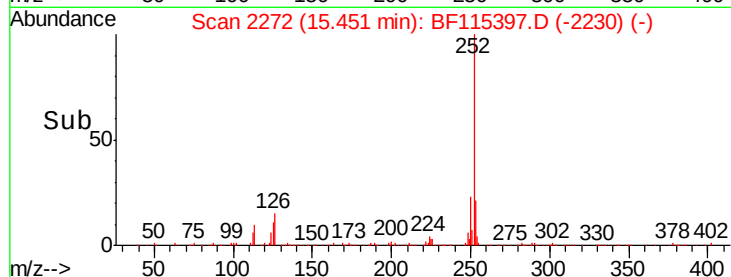
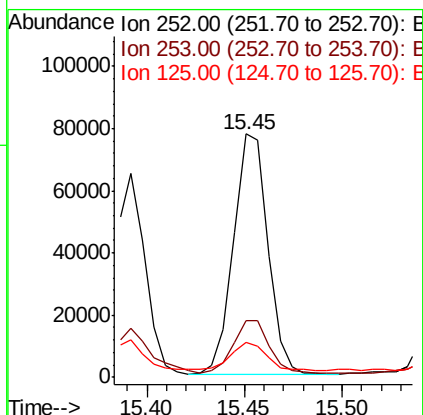
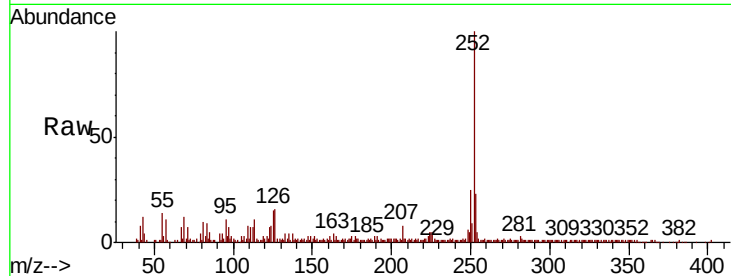
#90
Benzo(a)pyrene
Concen: 5.002 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.05 min
Lab File: BF115397.D
Acq: 5 Jul 2019 19:01

Instrument :
BNA_F
ClientSampleId :
PL-01-070319-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	14.6	10.0	15.0

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#92
Benzo(g,h,i)perylene
Concen: 3.689 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.06 min
Lab File: BF115397.D
Acq: 5 Jul 2019 19:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.4	29.2
138	23.1	17.8	26.6

