

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115257.D
 Acq On : 28 Jun 2019 1:47
 Operator : HP/JU
 Sample : K3157-17 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062619-D

Manual Integrations
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Quant Time: Jun 28 07:41:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	240435	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	945135	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	472024	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	945104	20.00	ng	0.00
76) Chrysene-d12	13.71	240	749365	20.00	ng	0.00
87) Perylene-d12	15.08	264	652128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	766375	49.19	ng	0.00
7) Phenol-d6	6.23	99	981768	51.92	ng	0.00
23) Nitrobenzene-d5	7.15	82	555444	36.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.40	330	290685	58.40	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1116915	40.19	ng	0.00
79) Terphenyl-d14	12.68	244	1330470	37.75	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.35	163	202163	5.821	ng	98
71) Phenanthrene	11.12	178	109342	2.149	ng	95
75) Fluoranthene	12.30	202	161823	3.187	ng	97
78) Pyrene	12.52	202	220686	3.832	ng	98
88) Benzo(b)fluoranthene	14.71	252	94888m	2.332	ng	
90) Benzo(a)pyrene	15.02	252	75022	2.046	ng	# 91

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

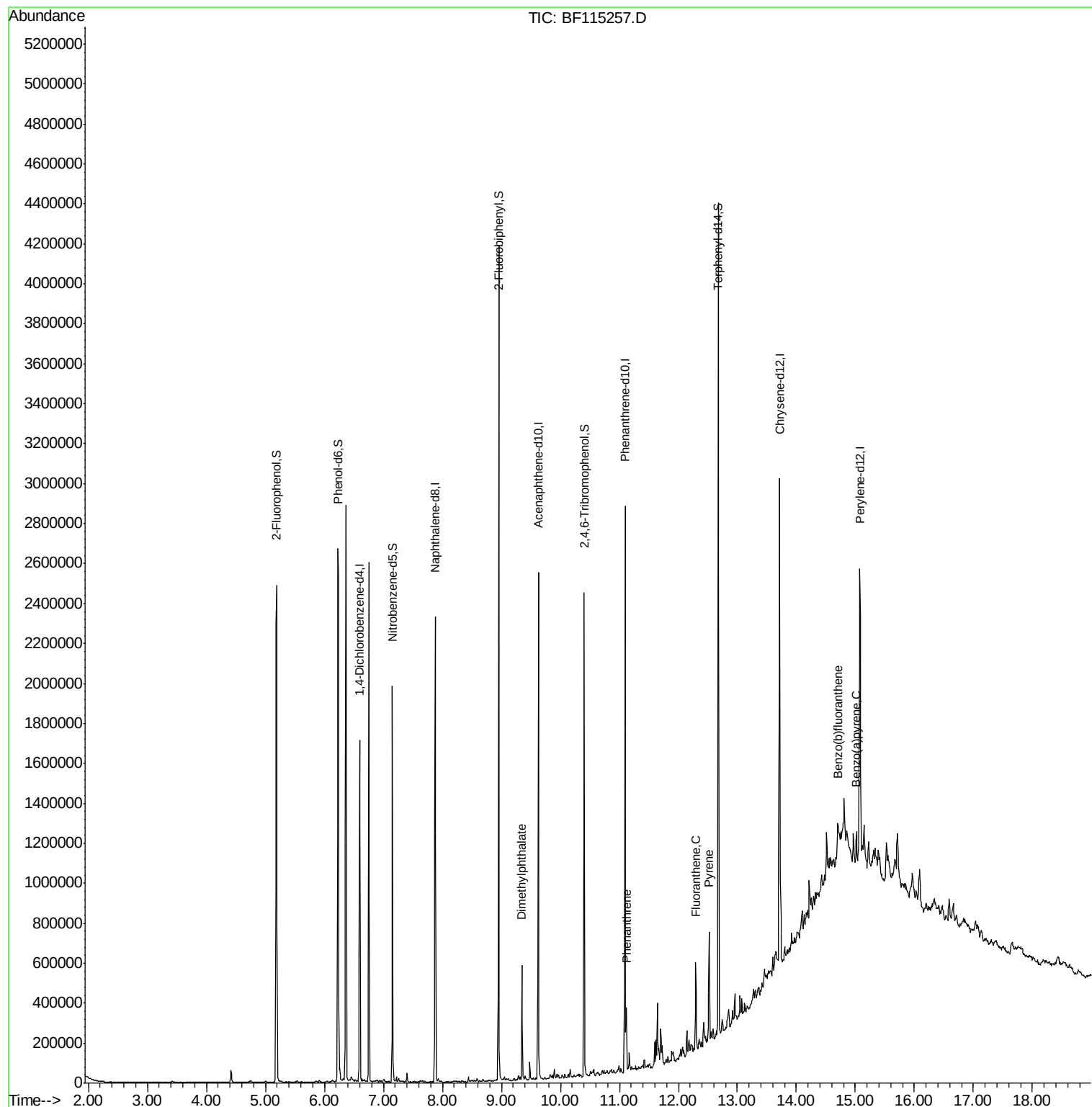
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115257.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

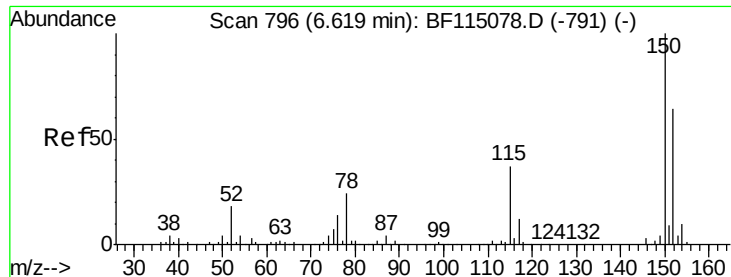
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-D

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#1

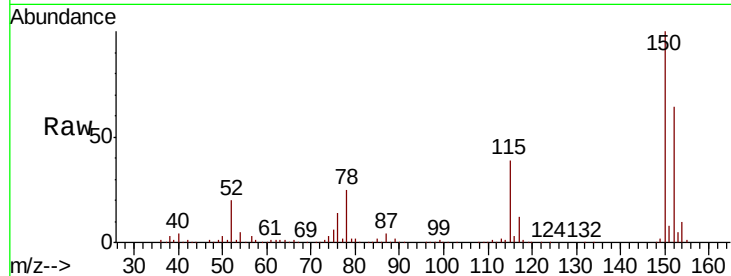
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115257.D
Acq: 28 Jun 2019 1:47

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.2
115	61.4	46.1	69.1

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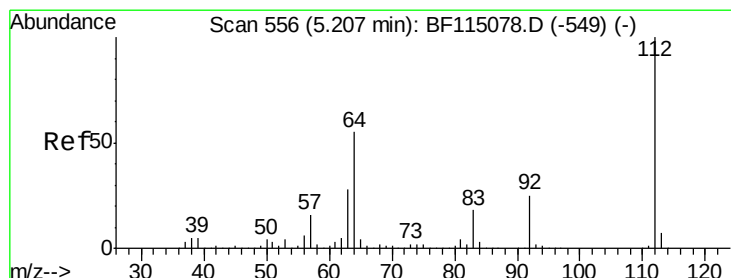
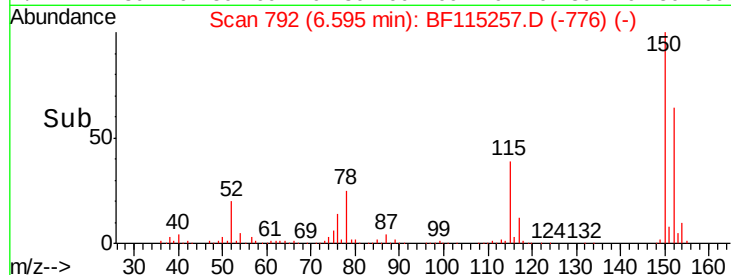
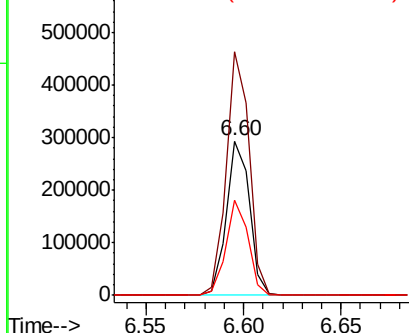


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

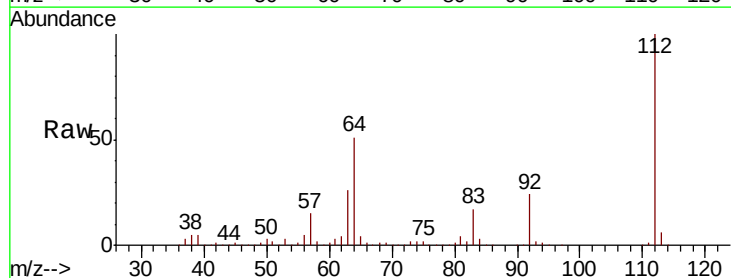
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.188 ng
RT: 5.19 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF115257.D
Acq: 28 Jun 2019 1:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	43.8	65.6
63	25.6	22.2	33.4

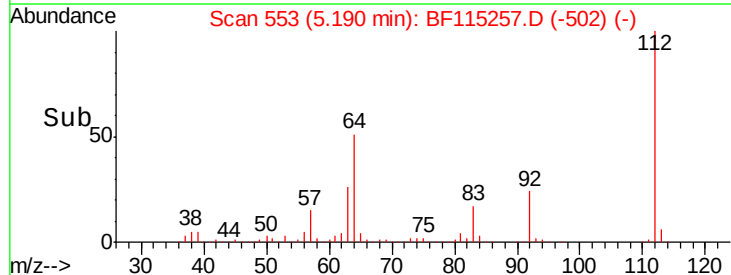
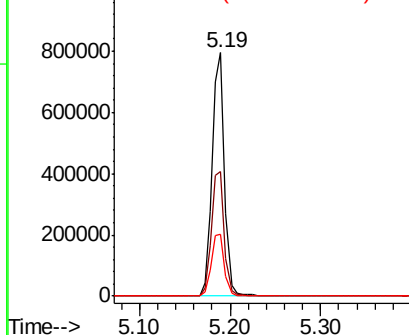


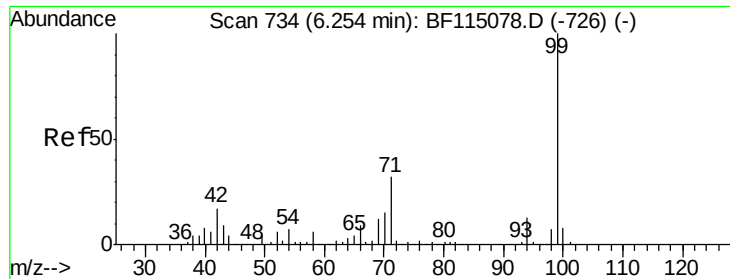
Abundance

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: 51.915 ng

RT: 6.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF115257.D

Acq: 28 Jun 2019 1:47

Instrument :

BNA_F

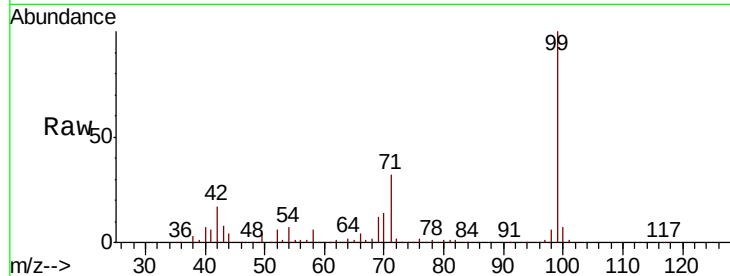
ClientSampleId :

CL-02-062619-D

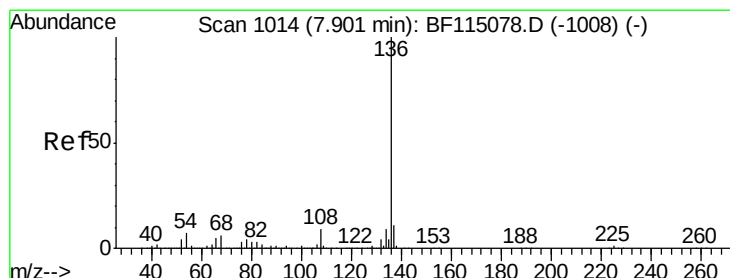
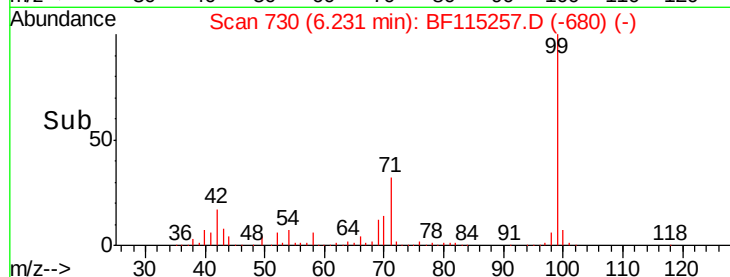
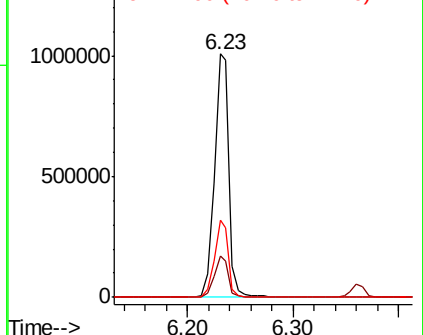
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		981768		
42	17.1	13.6	20.4		
71	31.7	25.5	38.3		

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1010

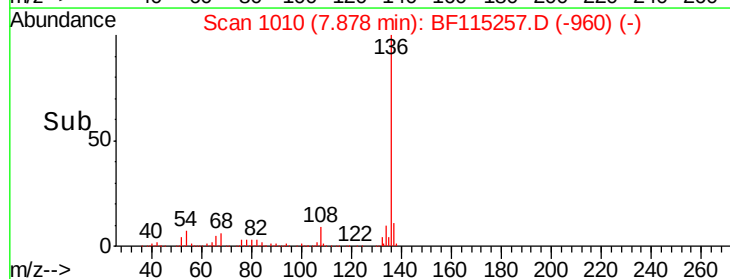
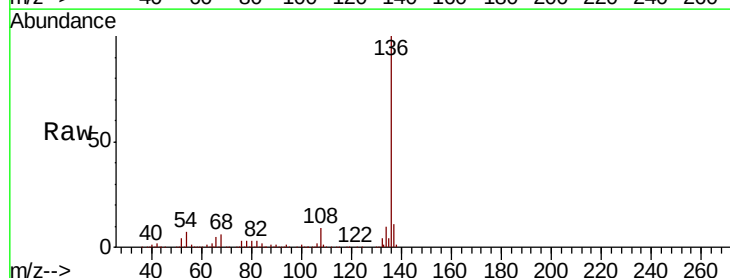
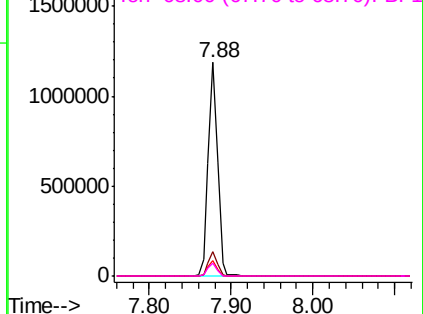
Delta R.T. -0.01 min

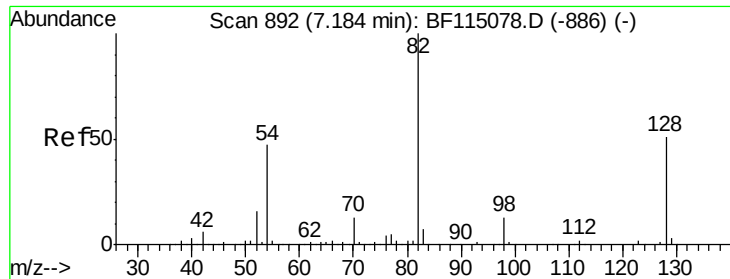
Lab File: BF115257.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		945135		
137	11.3	8.9	13.3		
54	7.1	5.6	8.4		
68	6.2	4.8	7.2		

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





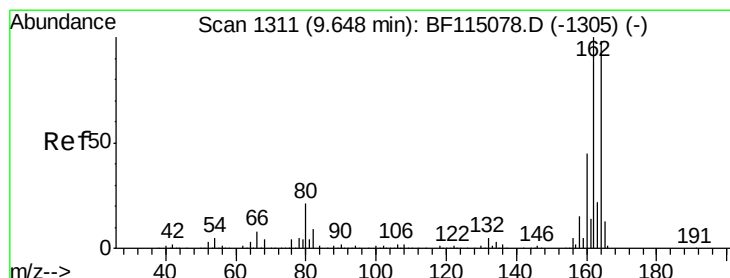
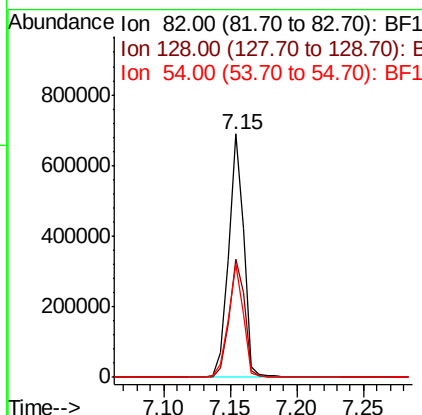
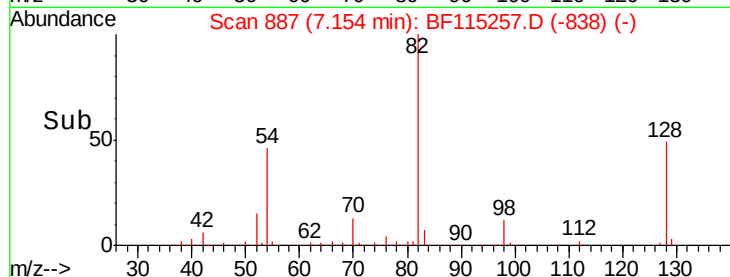
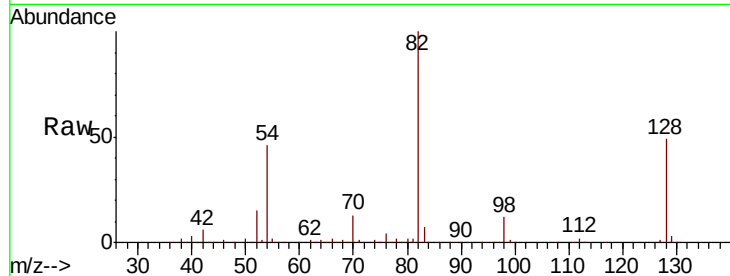
#23
 Nitrobenzene-d5
 Concen: 36.152 ng
 RT: 7.15 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF115257.D
 Acq: 28 Jun 2019 1:47

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062619-D

Tot Ion	Ratio	Resp	Lower	Upper
82	100	555444		
128	48.5		40.4	60.6
54	46.5		37.5	56.3

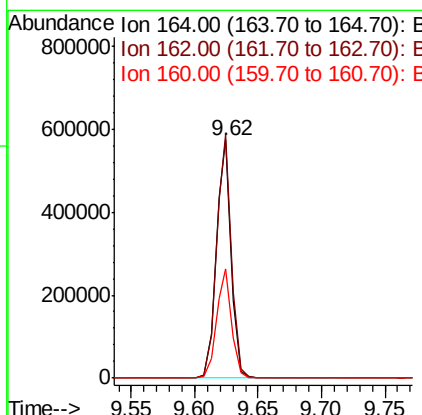
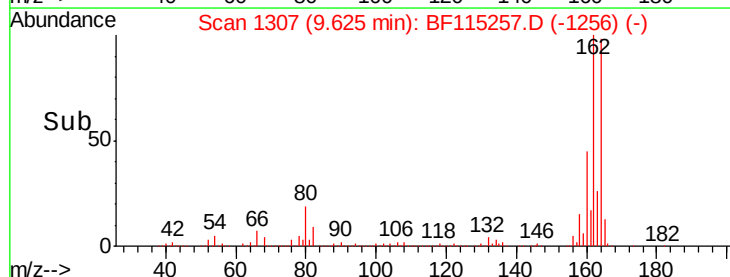
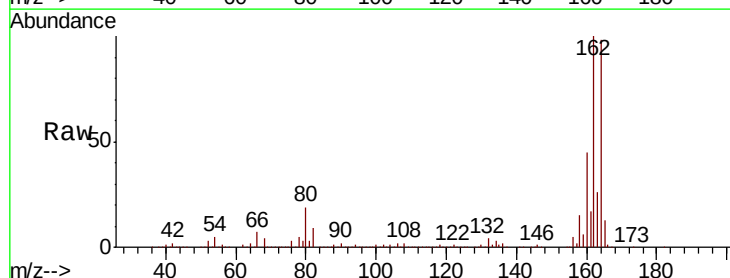
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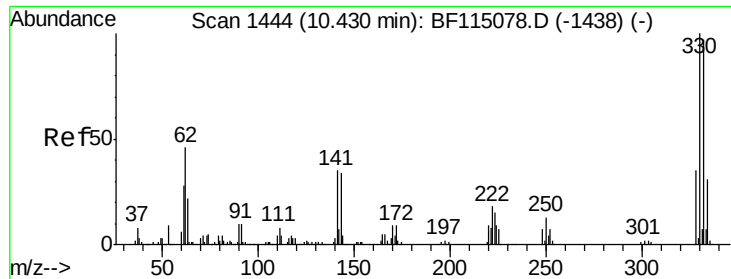
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF115257.D
 Acq: 28 Jun 2019 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	472024		
162	102.2		81.7	122.5
160	46.0		37.0	55.4





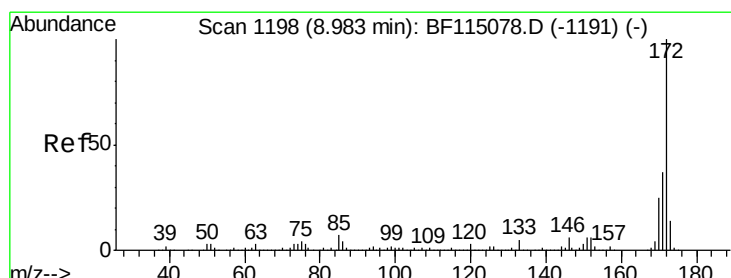
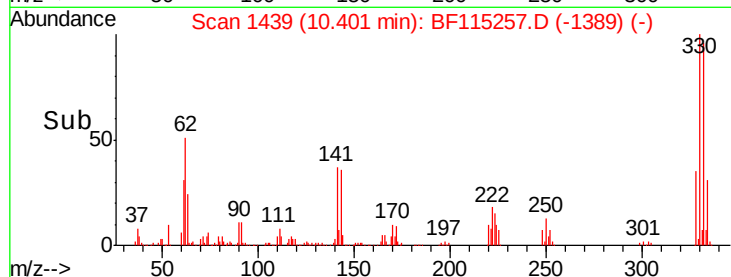
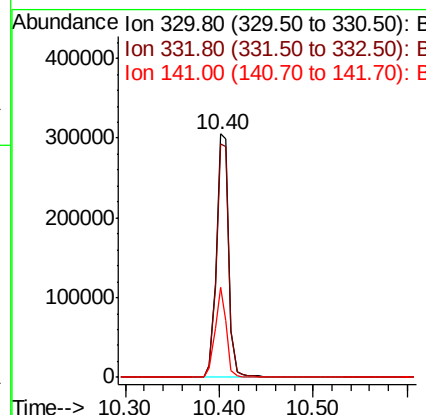
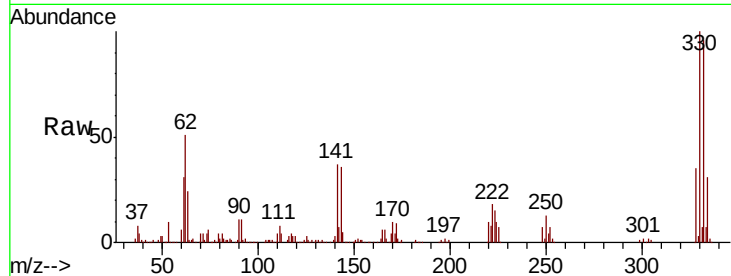
#42
 2,4,6-Tribromophenol
 Concen: 58.398 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF115257.D
 Acq: 28 Jun 2019 1:47

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062619-D

Tot Ion	Ratio	Resp	Lower	Upper
330	100	290685		
332	96.4		77.3	115.9
141	34.1		28.2	42.2

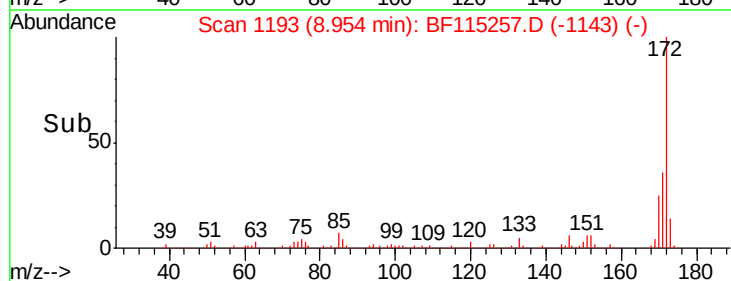
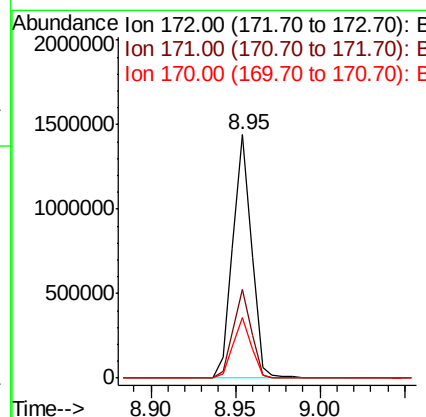
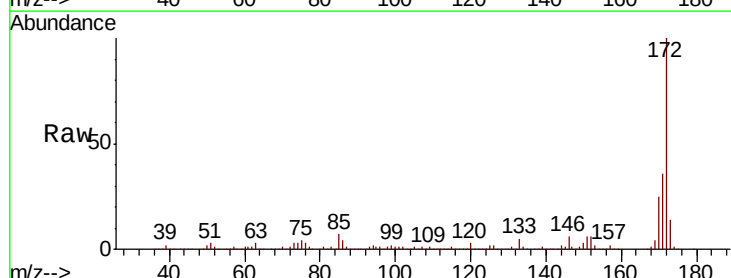
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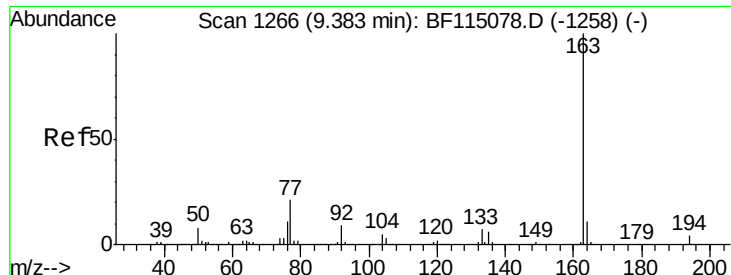
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#45
 2-Fluorobiphenyl
 Concen: 40.193 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115257.D
 Acq: 28 Jun 2019 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1116915		
171	36.4		29.8	44.6
170	24.7		20.3	30.5





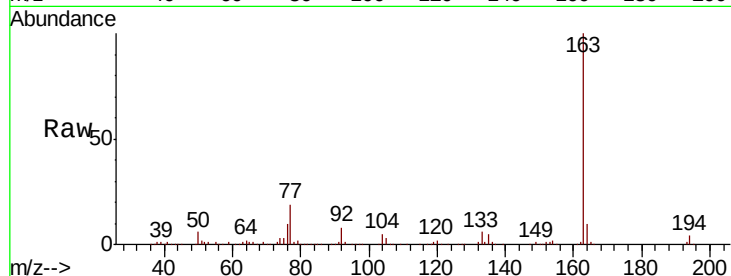
#50
Dimethylphthalate
Concen: 5.821 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115257.D
Acq: 28 Jun 2019 1:47

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-D

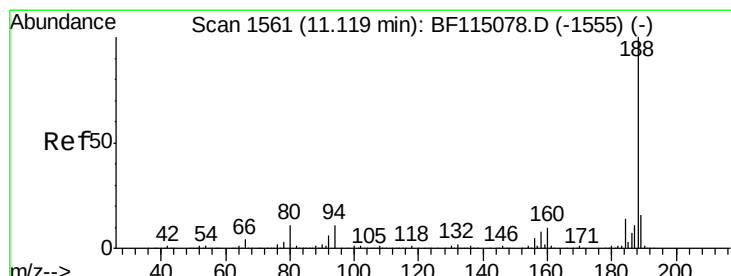
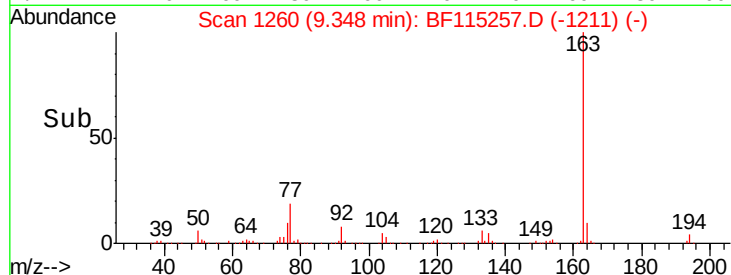
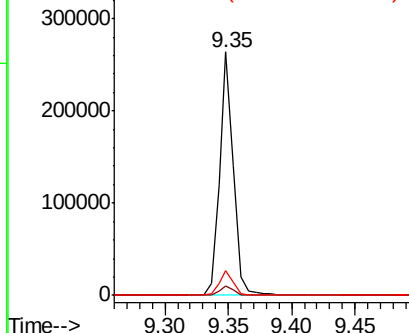
Tot Ion	Ratio	Resp	Lower	Upper
163	100	202163		
194	4.0	3.2	4.8	
164	10.0	8.6	13.0	

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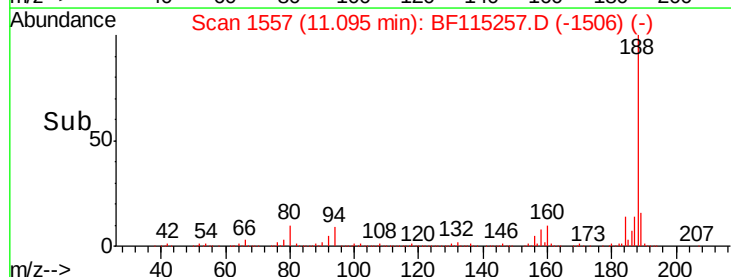
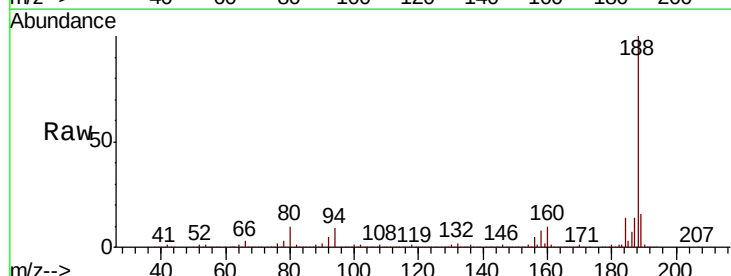
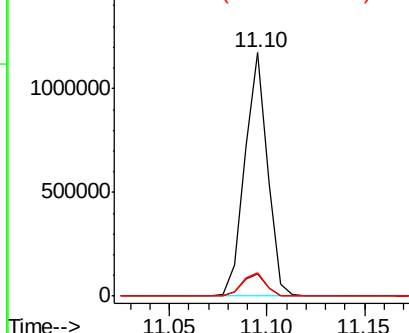
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

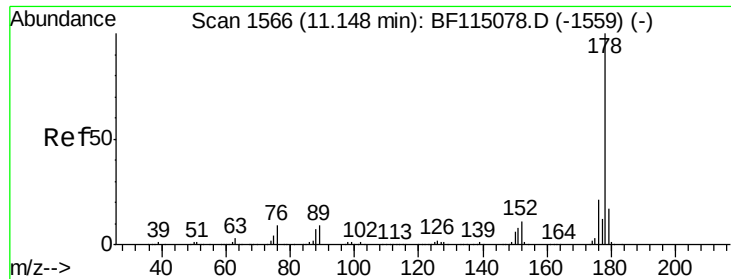


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115257.D
Acq: 28 Jun 2019 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	945104		
94	9.3	8.6	12.8	
80	9.6	8.8	13.2	

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: 2.149 ng

RT: 11.12 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF115257.D

Acq: 28 Jun 2019 1:47

Instrument :

BNA_F

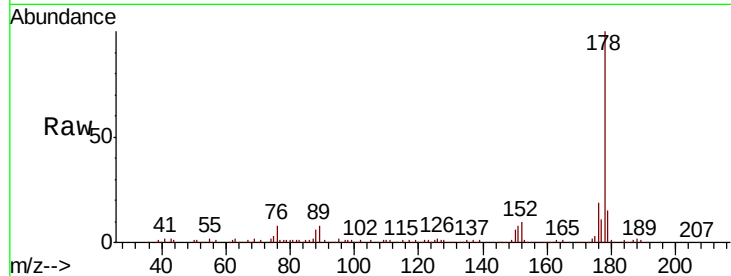
ClientSampleId :

CL-02-062619-D

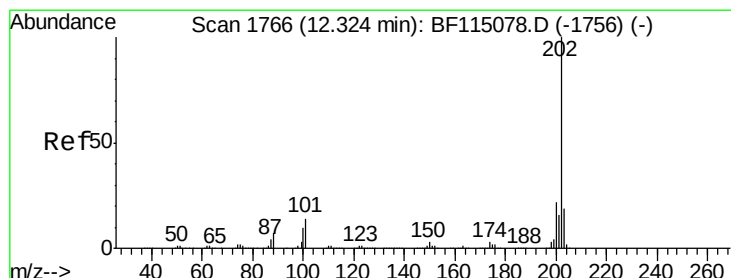
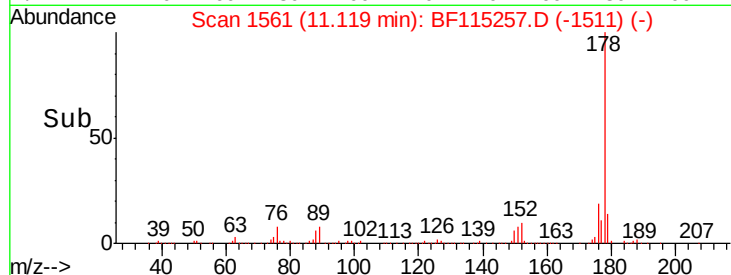
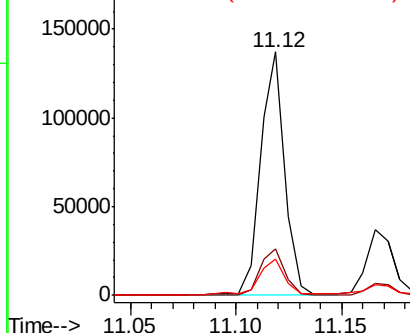
Tot Ion:	178	Resp:	109342
Ion Ratio	Lower	Upper	
178	100		
176	18.8	16.9	25.3
179	14.6	13.2	19.8

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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



#75

Fluoranthene

Concen: 3.187 ng

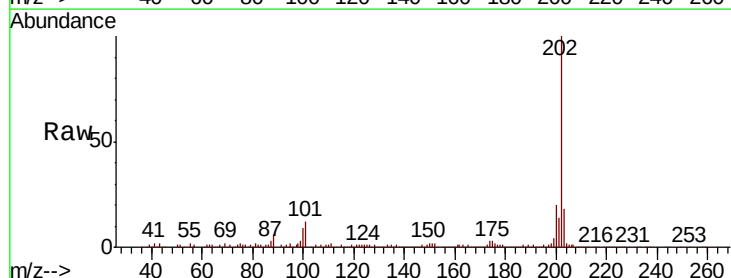
RT: 12.30 min Scan# 1761

Delta R.T. -0.01 min

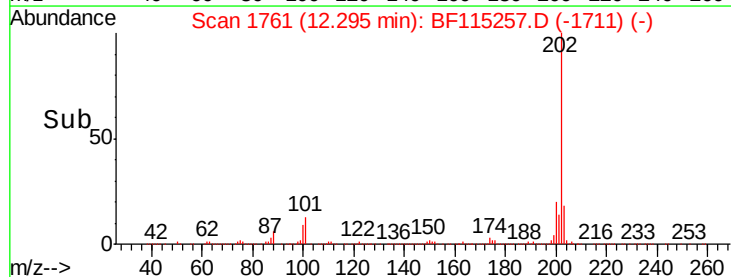
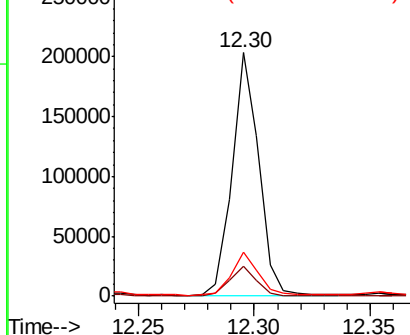
Lab File: BF115257.D

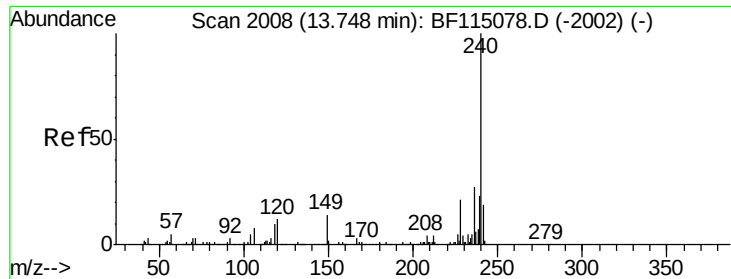
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Tgt Ion:	202	Resp:	161823
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.0
203	18.1	0.0	38.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115257.D

Acq: 28 Jun 2019 1:47

Instrument :

BNA_F

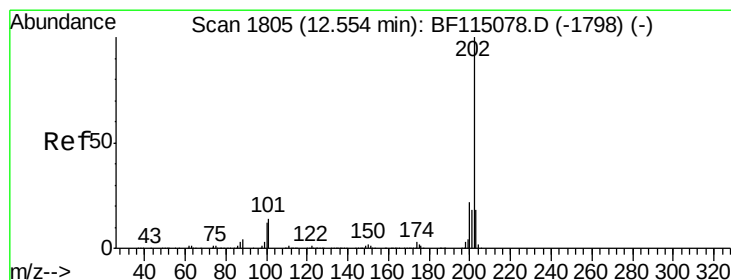
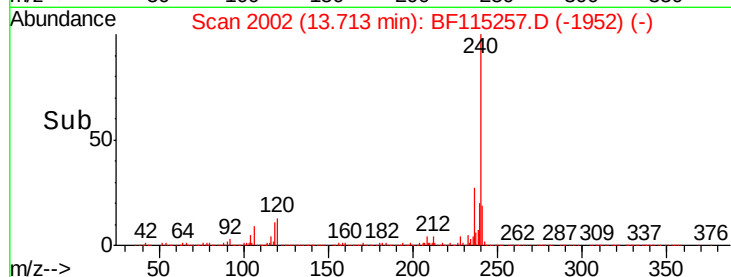
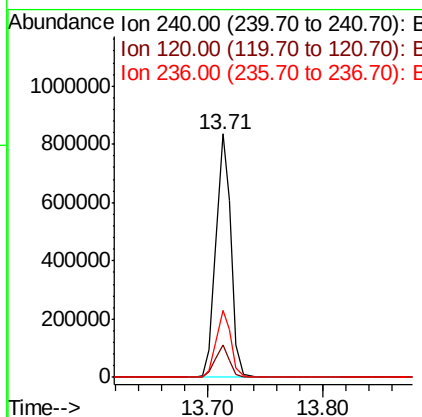
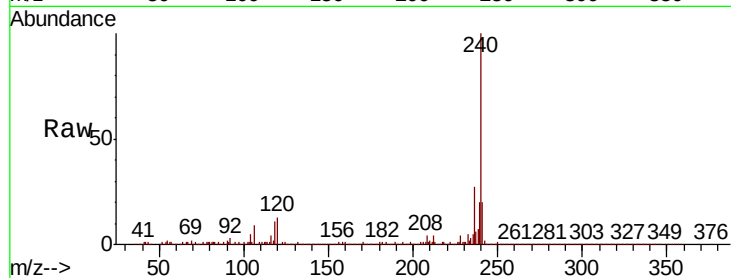
ClientSampleId :

CL-02-062619-D

Tot Ion:	240	Resp:	749365
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.4	14.2
236	27.3	21.7	32.5

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#78

Pyrene

Concen: 3.832 ng

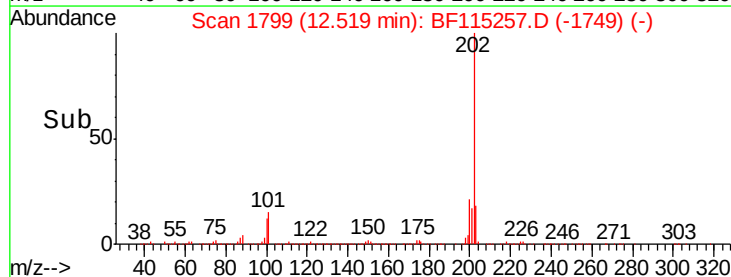
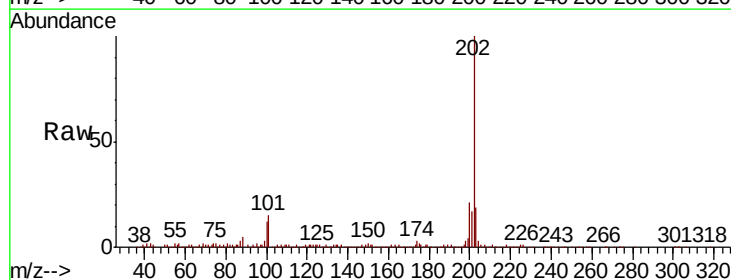
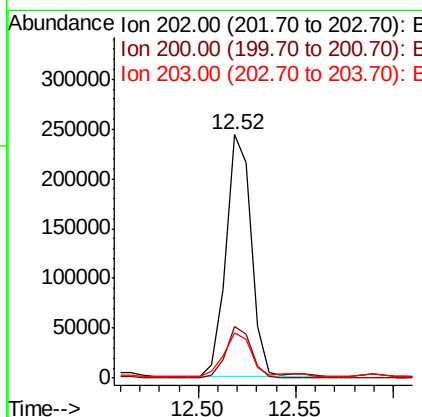
RT: 12.52 min Scan# 1799

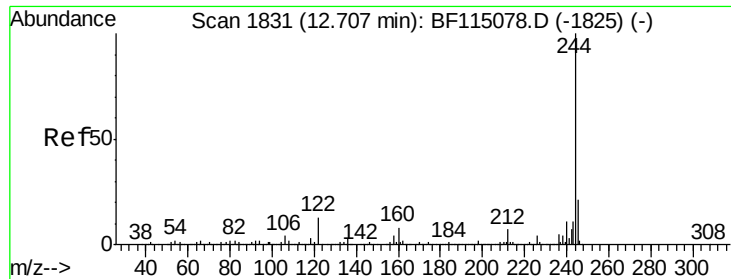
Delta R.T. -0.01 min

Lab File: BF115257.D

Acq: 28 Jun 2019 1:47

Tgt Ion:	202	Resp:	220686
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.9	26.9
203	18.5	14.6	21.8





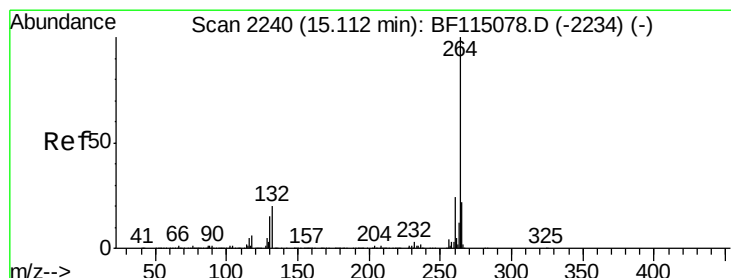
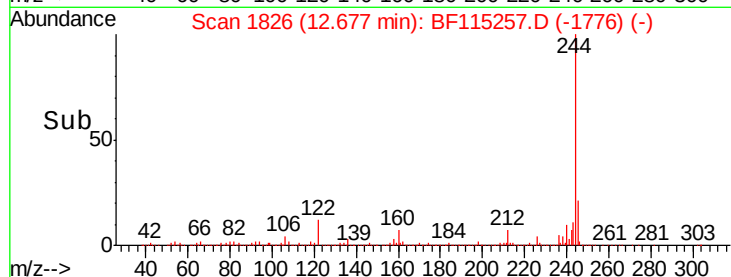
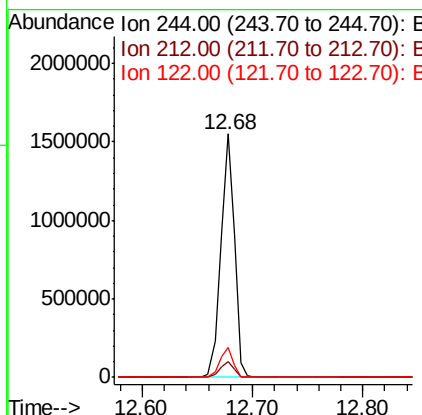
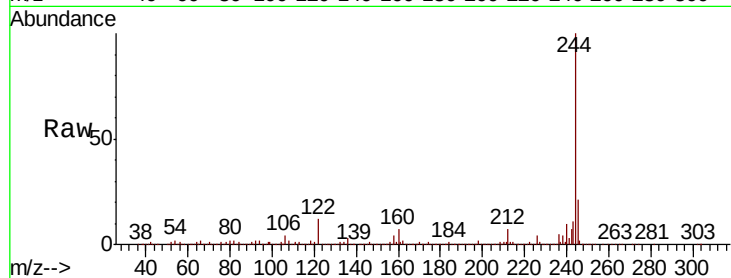
#79
 Terphenyl-d14
 Concen: 37.749 ng
 RT: 12.68 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF115257.D
 Acq: 28 Jun 2019 1:47

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062619-D

Tot Ion:244 Resp: 1330470
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 12.3 10.4 15.6

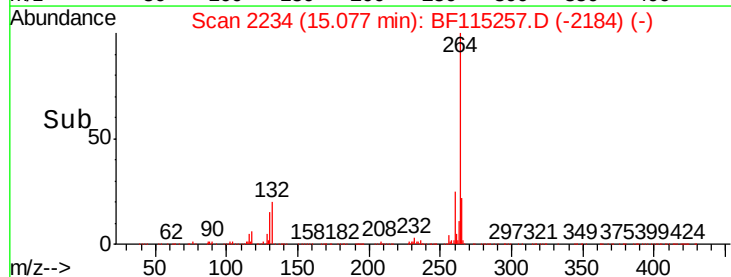
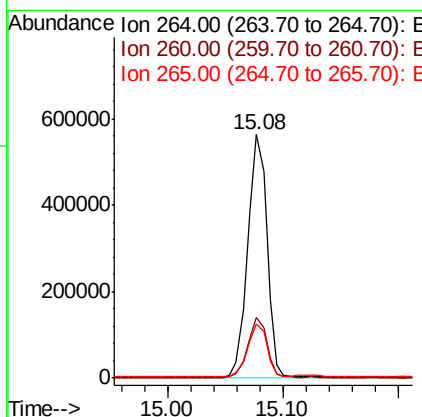
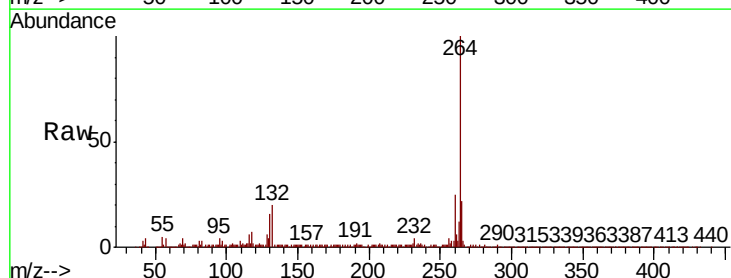
Manual Integrations
 APPROVED

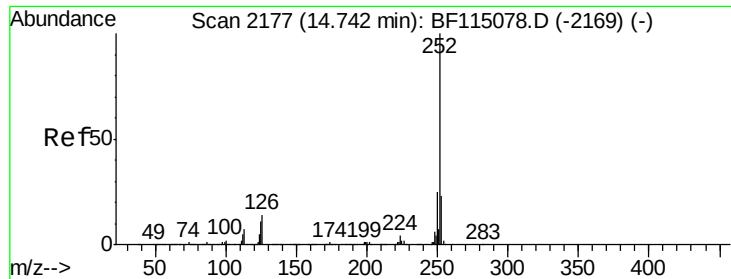
mohammad
 6/28/2019 2:58:58 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.08 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF115257.D
 Acq: 28 Jun 2019 1:47

Tgt Ion:264 Resp: 652128
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 22.5 17.3 25.9





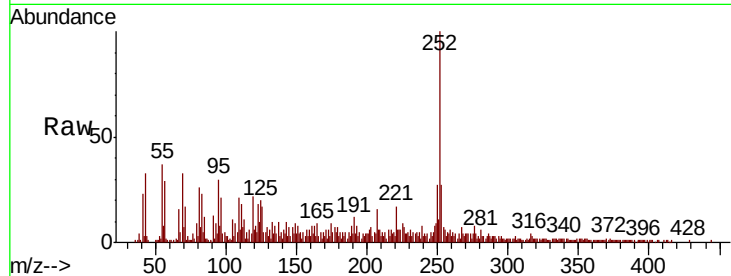
#88
Benzo(b)fluoranthene
Concen: 2.332 ng m
RT: 14.71 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF115257.D
Acq: 28 Jun 2019 1:47

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.1	27.1
125	20.4	8.7	13.1#

Manual Integrations
APPROVED

mohammad
6/28/2019 2:58:58 PM

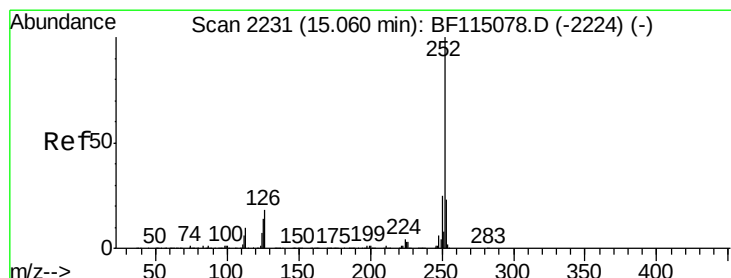
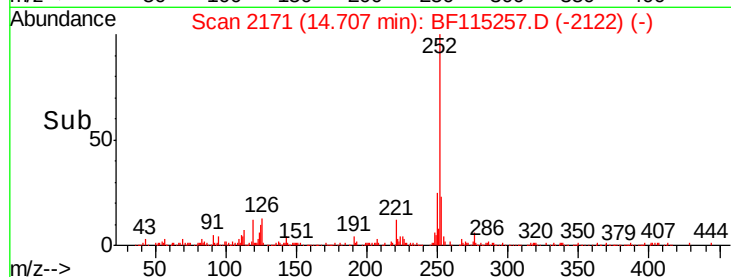
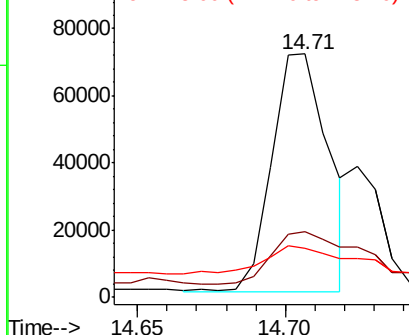


Abundance

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: 2.046 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF115257.D
Acq: 28 Jun 2019 1:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.3	27.5
125	20.2	10.9	16.3#

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

