

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF070219\
 Data File : BF115380.D
 Acq On : 3 Jul 2019 00:27
 Operator : HP/JU
 Sample : K3550-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1A

Manual Integrations
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Quant Time: Jul 08 05:14:35 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	6.61	152	195566	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	408823	20.00	ng	0.02
39) Acenaphthene-d10	9.69	164	134735m	20.00	ng	0.06
64) Phenanthrene-d10	11.17	188	301108	20.00	ng	0.07
76) Chrysene-d12	13.75	240	448461	20.00	ng	0.03
87) Perylene-d12	15.12	264	462064	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	804079	63.45	ng	0.01
7) Phenol-d6	6.25	99	1027993	66.83	ng	0.01
23) Nitrobenzene-d5	7.17	82	601819	90.56	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	140430	98.84	ng	0.08
45) 2-Fluorobiphenyl	9.01	172	495749	62.50	ng	0.05
79) Terphenyl-d14	12.72	244	922874	43.75	ng	0.04
Target Compounds						
37) 2-Methylnaphthalene	8.66	142	2930435	216.572	ng	# 93
38) 1-Methylnaphthalene	8.75	142	2076282	160.666	ng	# 98
58) Fluorene	10.24	166	396806m	49.341	ng	
71) Phenanthrene	11.20	178	1652505	101.930	ng	# 94
75) Fluoranthene	12.36	202	112523m	6.956	ng	
78) Pyrene	12.58	202	236319m	6.857	ng	

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

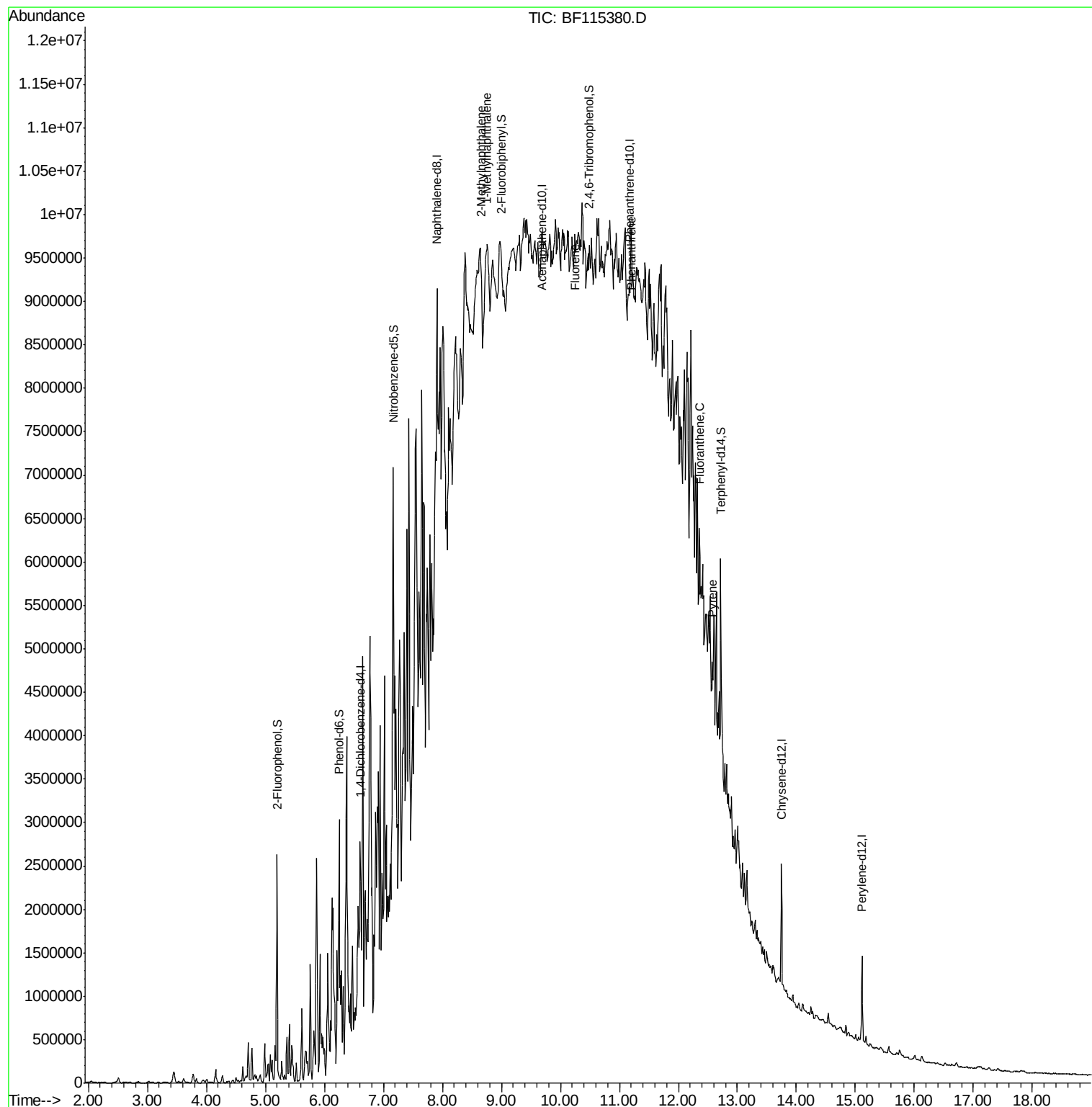
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF070219\
Data File : BF115380.D
Acq On : 3 Jul 2019 00:27
Operator : HP/JU
Sample : K3550-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

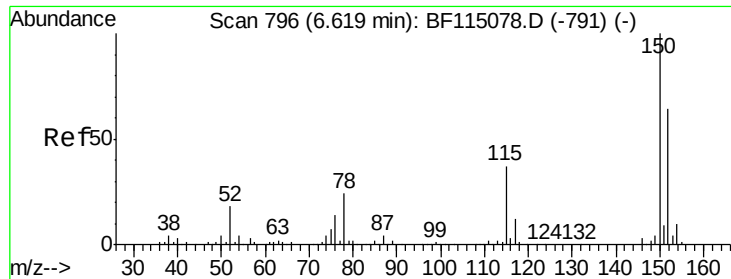
Instrument :
BNA_F
ClientSampled :
PE-1A

Quant Time: Jul 08 05:14:35 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

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#1

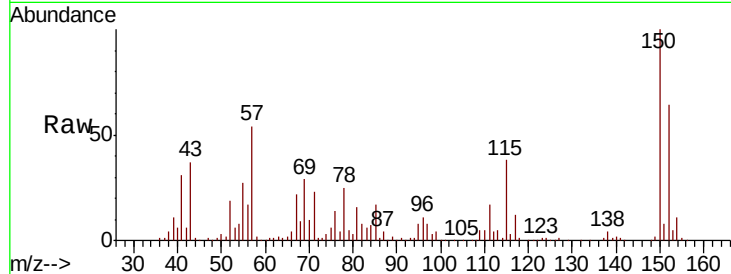
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Instrument :
BNA_F
ClientSampleId :
PE-1A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	59.6	46.1	69.1

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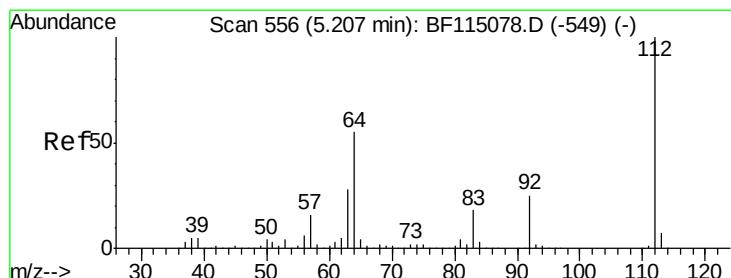
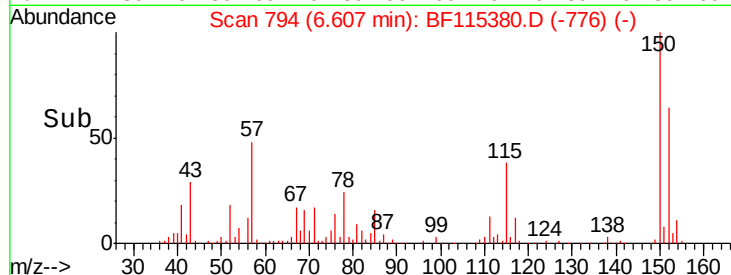
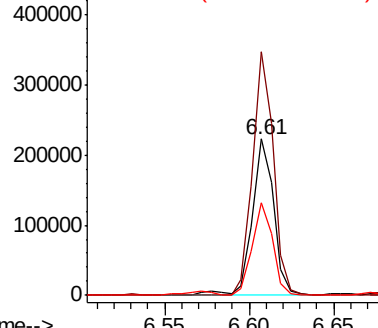


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

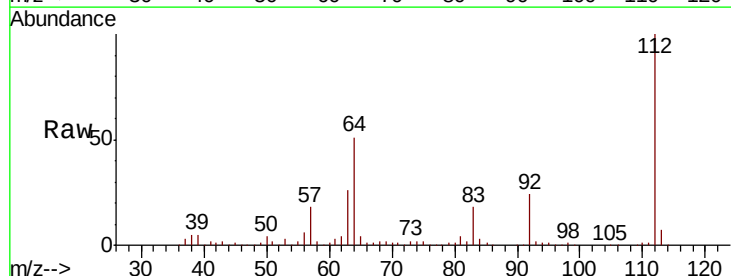
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 63.448 ng
RT: 5.20 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.3	43.8	65.6
63	26.0	22.2	33.4

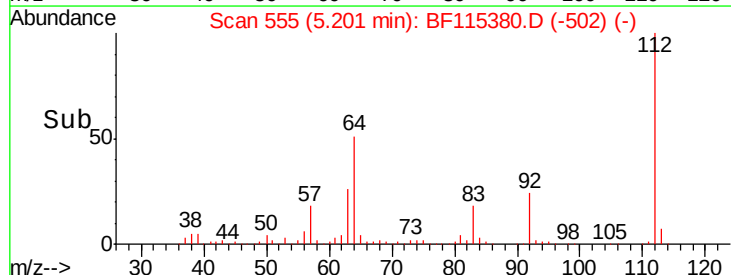
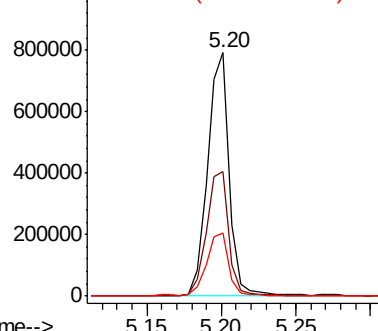


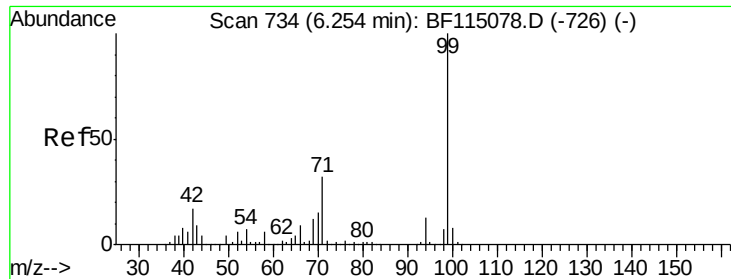
Abundance

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: 66.831 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

ClientSampleId :

PE-1A

Tot Ion: 99 Resp: 1027993

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

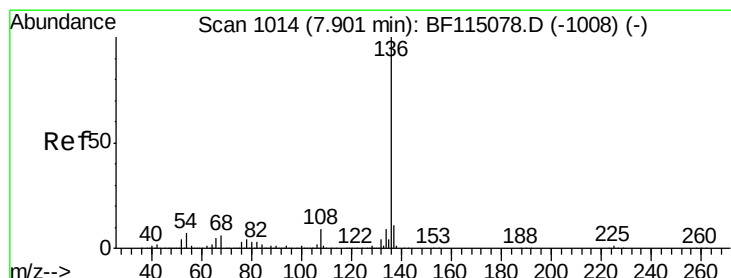
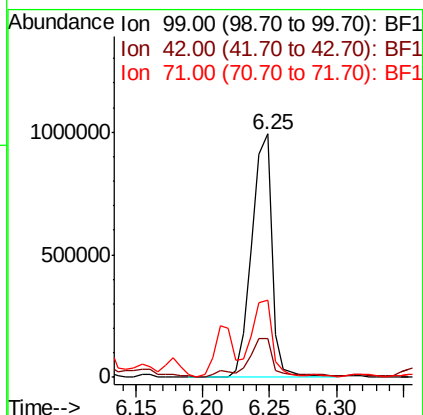
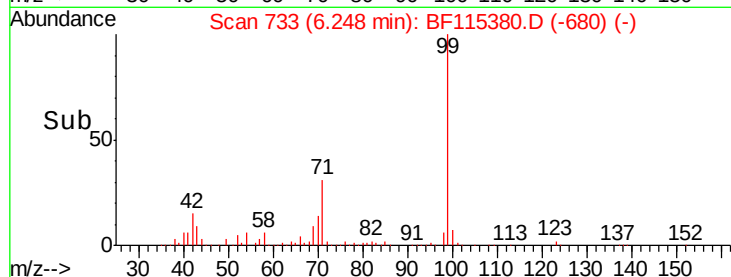
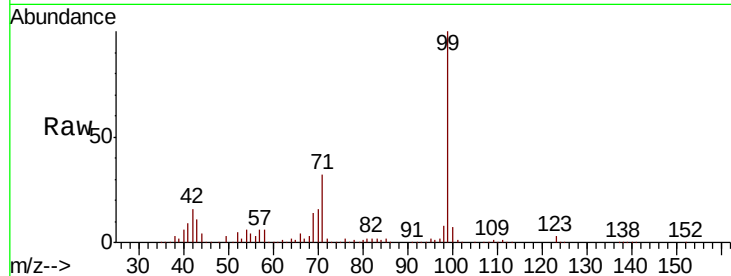
71 31.7 25.5 38.3

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1014

Delta R.T. 0.02 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Tgt Ion: 136 Resp: 408823

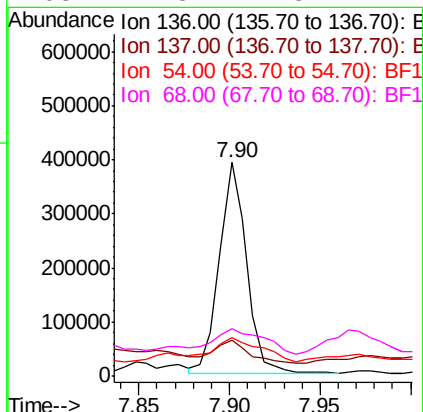
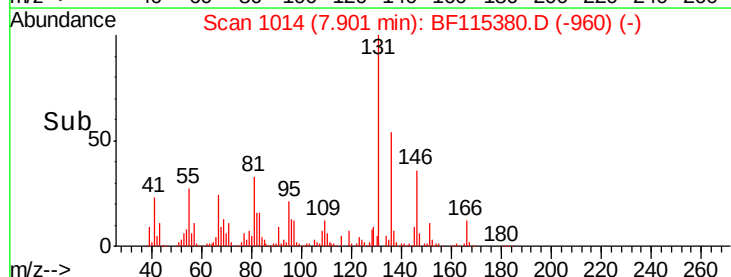
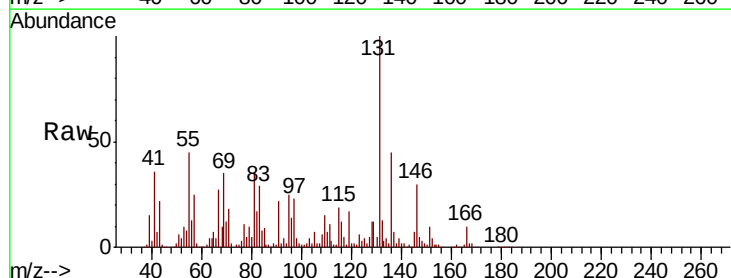
Ion Ratio Lower Upper

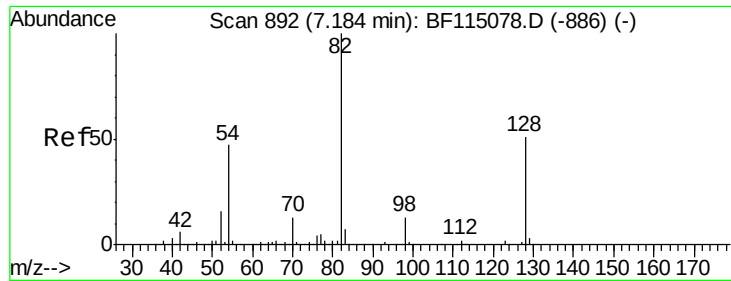
136 100

137 16.6 8.9 13.3#

54 18.2 5.6 8.4#

68 22.3 4.8 7.2#





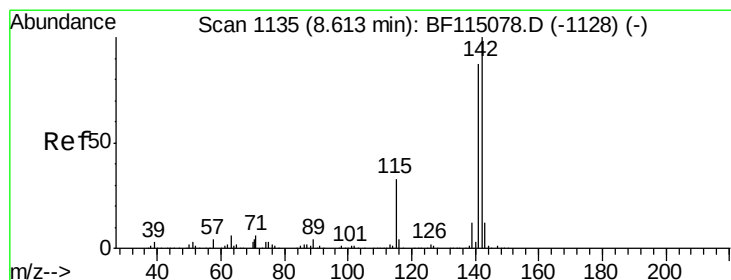
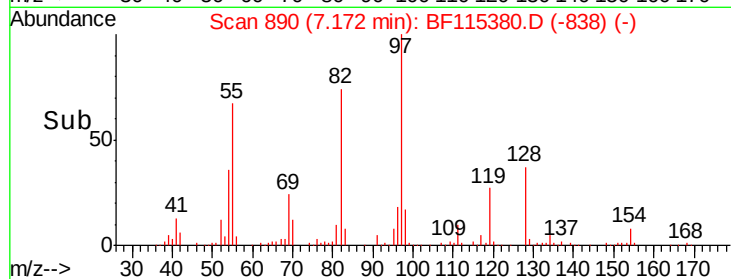
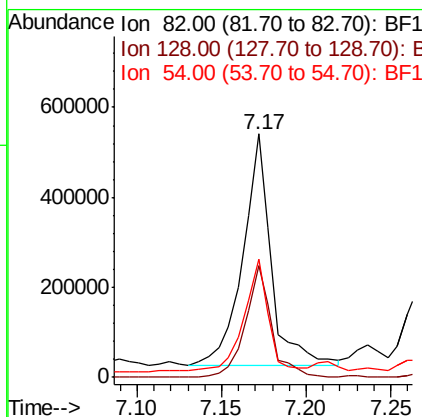
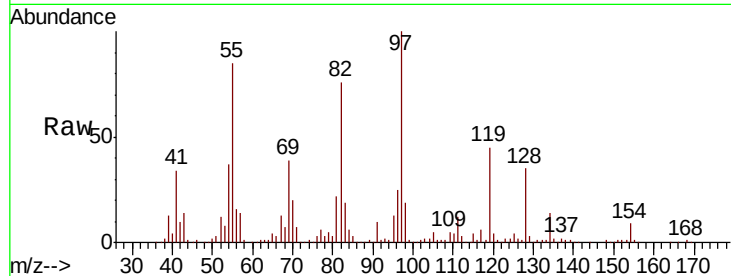
#23
Nitrobenzene-d5
Concen: 90.555 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Instrument :
BNA_F
ClientSampleId :
PE-1A

Tot Ion	Ratio	Resp	Lower	Upper
82	100	601819		
128	46.1		40.4	60.6
54	48.6		37.5	56.3

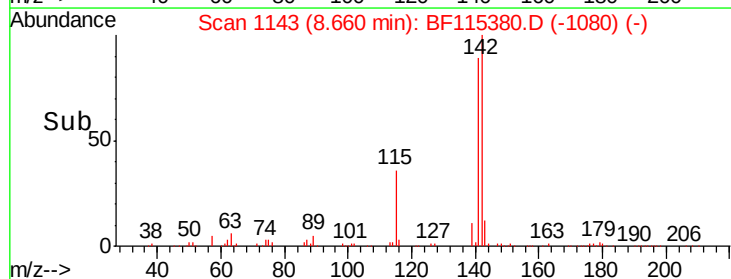
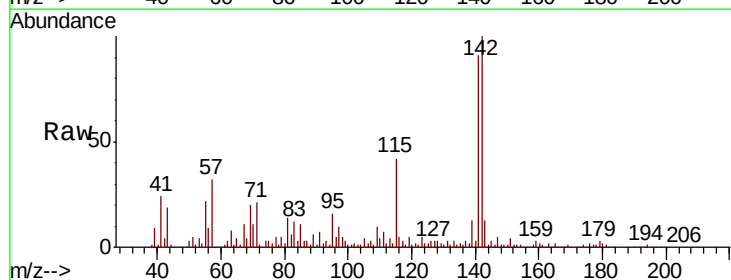
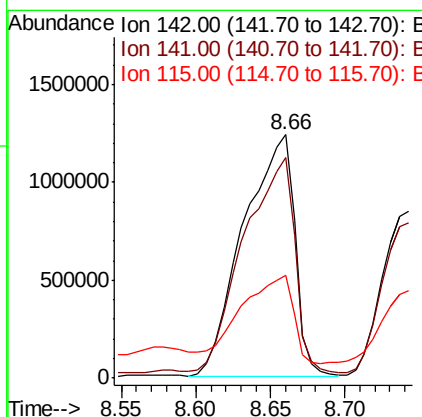
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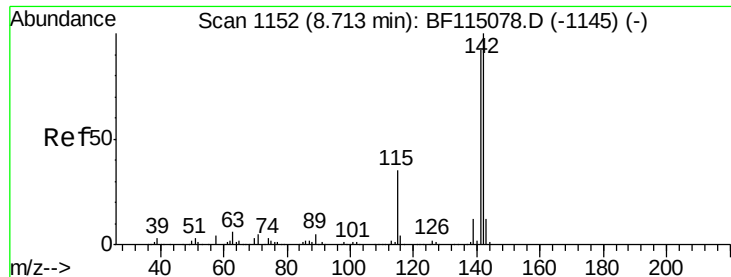
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#37
2-Methylnaphthalene
Concen: 216.572 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.07 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	2930435		
141	90.6		69.8	104.6
115	42.2		26.7	40.1#





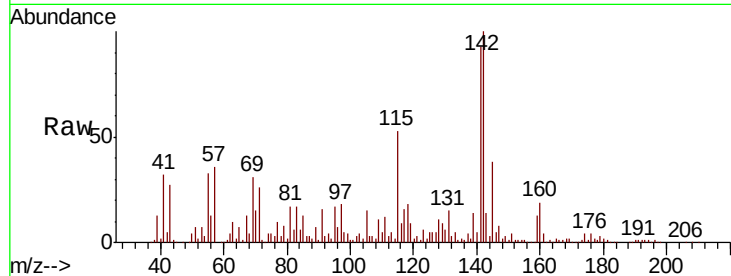
#38
1-Methylnaphthalene
Concen: 160.666 ng
RT: 8.75 min Scan# 1158
Delta R.T. 0.06 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Instrument :
BNA_F
ClientSampled :
PE-1A

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.8	110.8
116	8.6	2.8	4.2#

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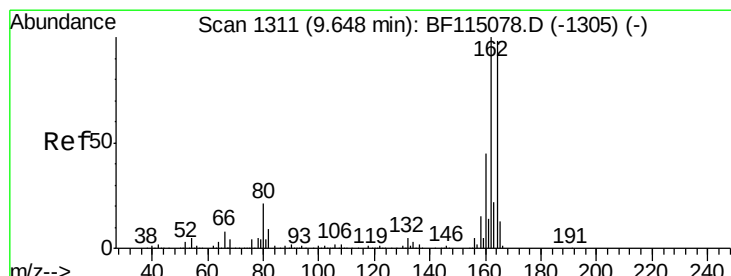
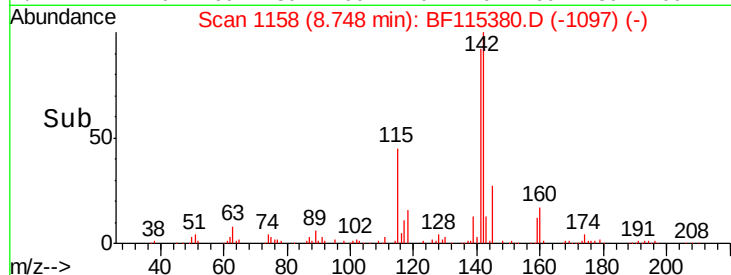
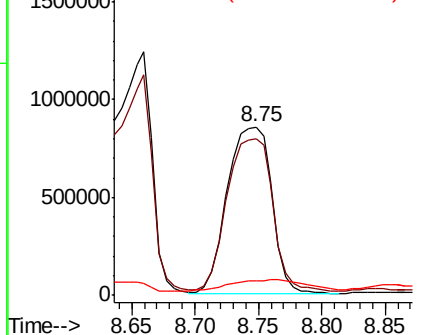


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 9.69 min Scan# 1318
Delta R.T. 0.06 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

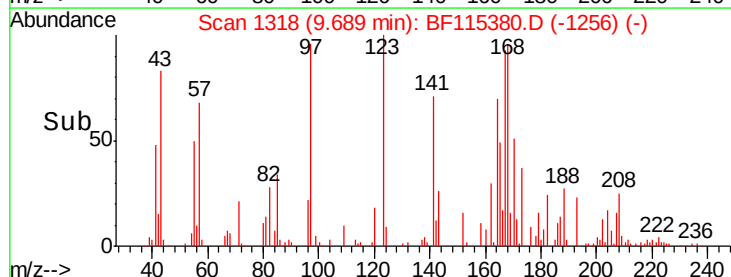
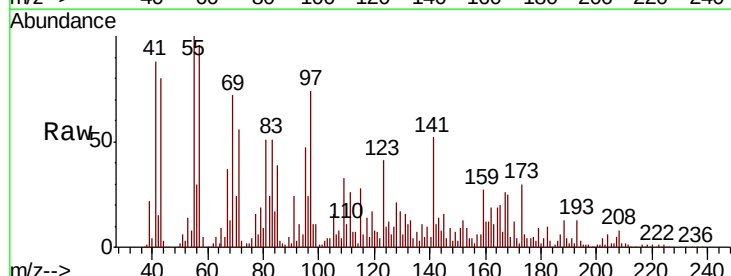
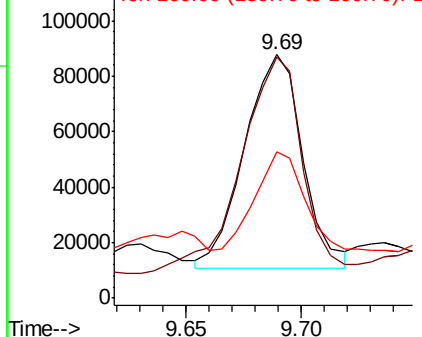
Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.7	122.5
160	60.1	37.0	55.4#

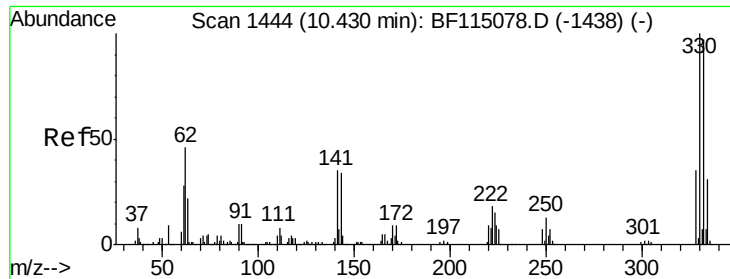
Abundance

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: 98.837 ng

RT: 10.48 min Scan# 1453

Delta R.T. 0.08 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Instrument :

BNA_F

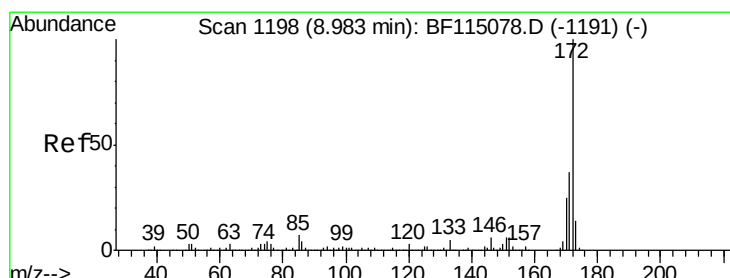
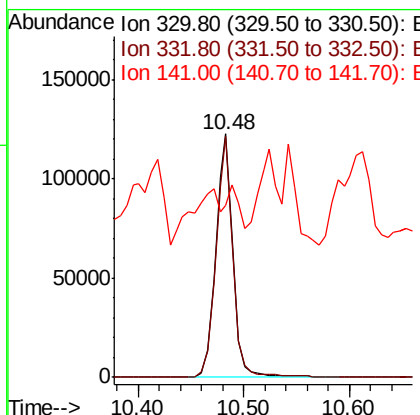
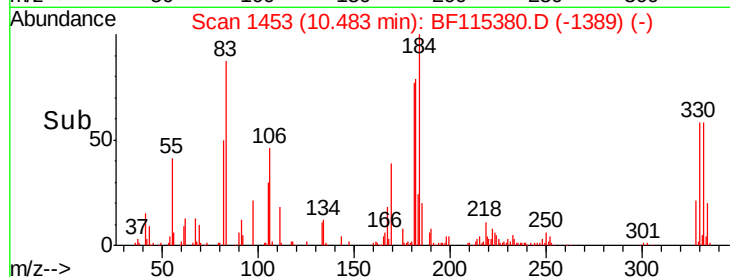
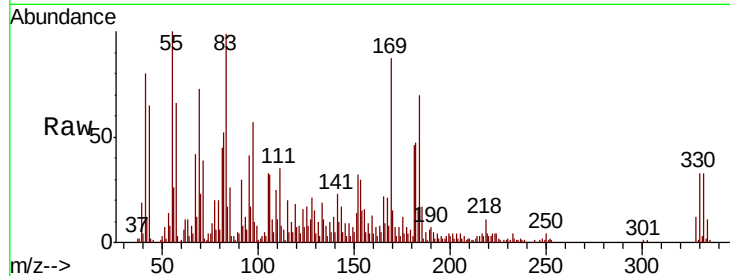
ClientSampled :

PE-1A

Tot Ion:	330	Resp:	140430
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.3	115.9
141	20.9	28.2	42.2#

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#45

2-Fluorobiphenyl

Concen: 62.500 ng

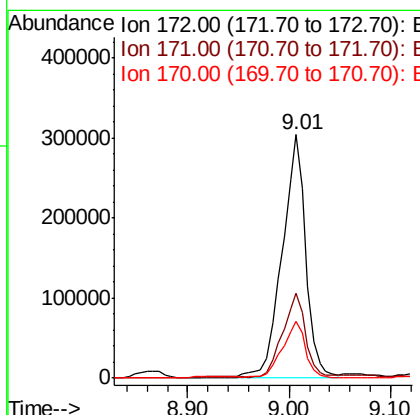
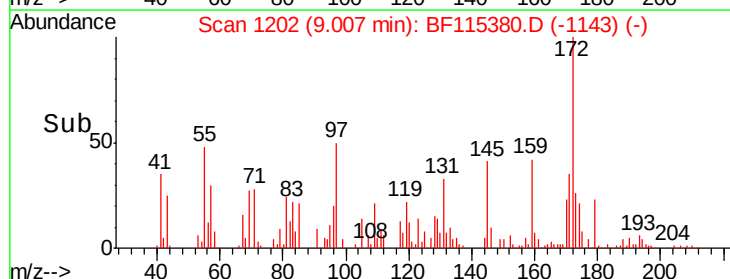
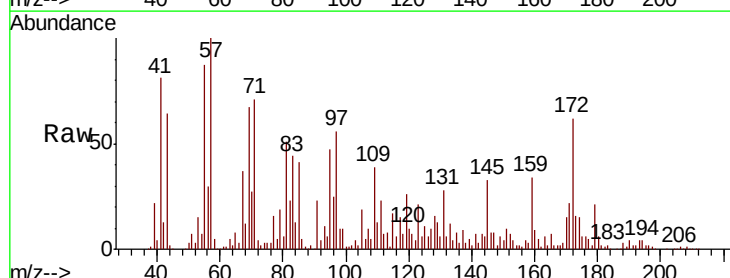
RT: 9.01 min Scan# 1202

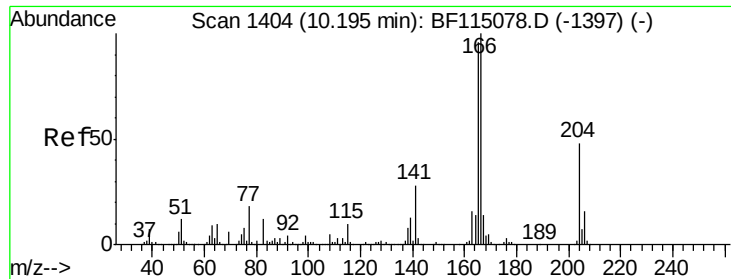
Delta R.T. 0.05 min

Lab File: BF115380.D

Acq: 3 Jul 2019 00:27

Tgt Ion:	172	Resp:	495749
Ion Ratio	Lower	Upper	
172	100		
171	34.9	29.8	44.6
170	23.5	20.3	30.5





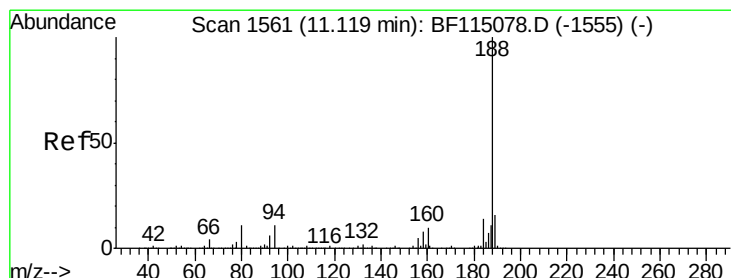
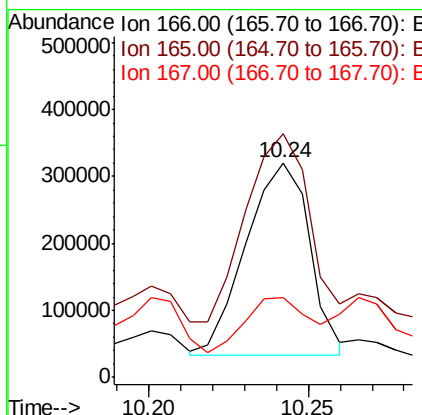
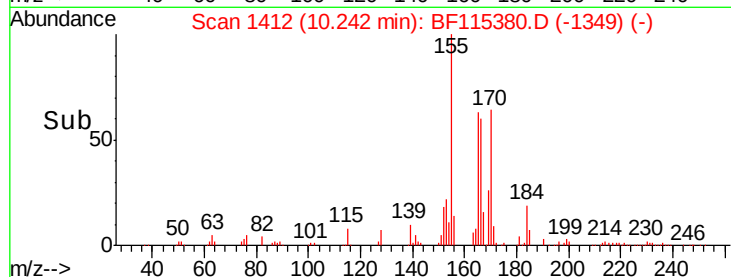
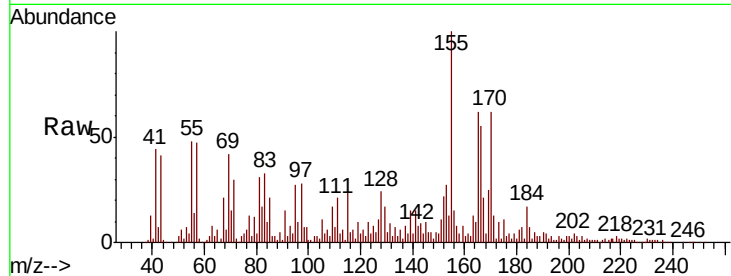
#58
 Fluorene
 Concen: 49.341 ng/mL
 RT: 10.24 min Scan# 1412
 Delta R.T. 0.07 min
 Lab File: BF115380.D
 Acq: 3 Jul 2019 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PE-1A

Tot Ion	Ratio	Lower	Upper
166	100		
165	113.6	76.5	114.7
167	37.3	11.0	16.4

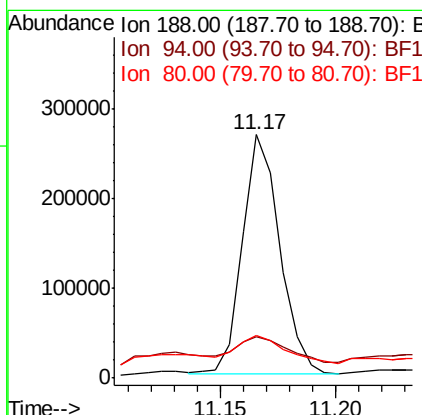
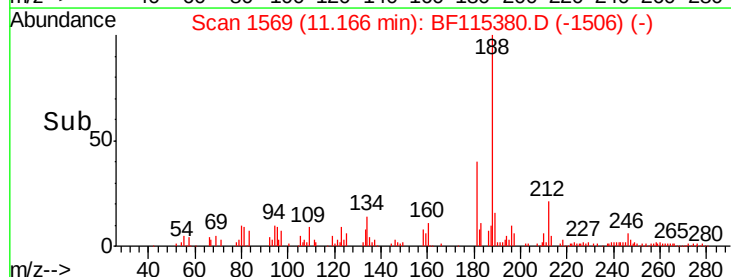
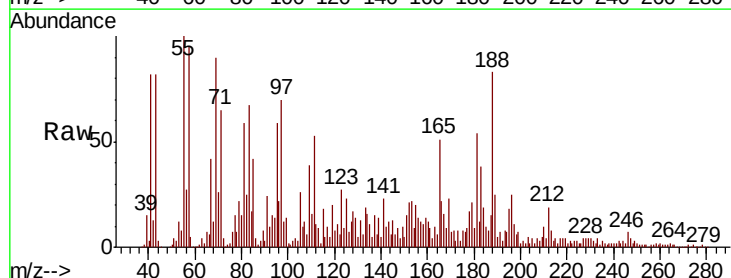
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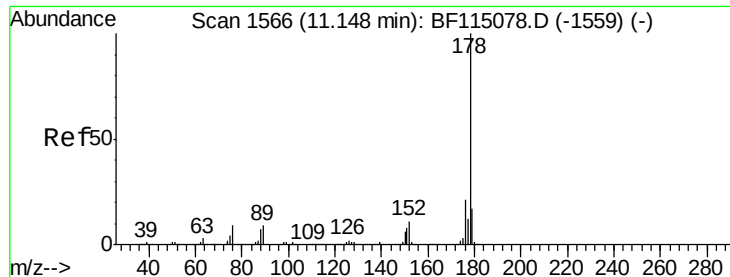
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. 0.07 min
 Lab File: BF115380.D
 Acq: 3 Jul 2019 00:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	17.2	8.6	12.8
80	17.5	8.8	13.2





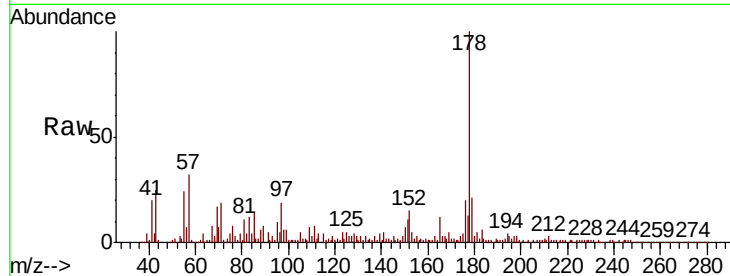
#71
Phenanthrene
Concen: 101.930 ng
RT: 11.20 min Scan# 1575
Delta R.T. 0.08 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Instrument :
BNA_F
ClientSampleId :
PE-1A

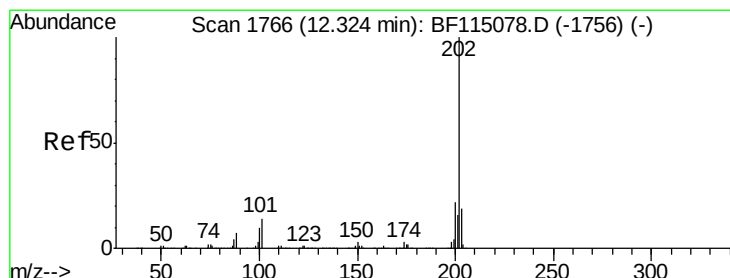
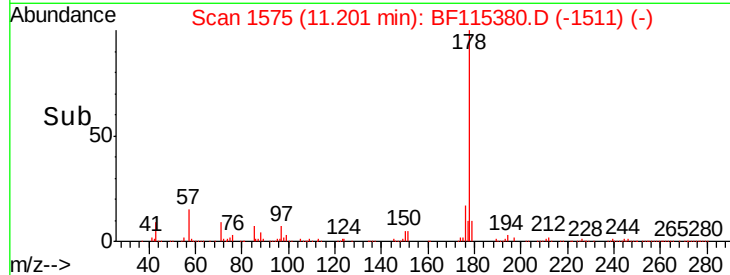
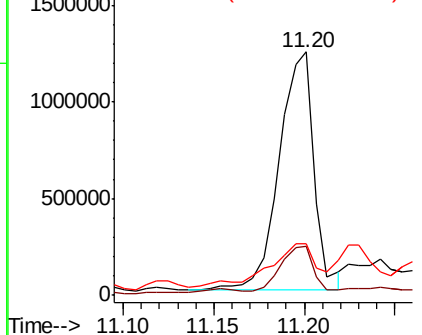
Tot Ion:178 Resp: 1652505
Ion Ratio Lower Upper
178 100
176 20.1 16.9 25.3
179 21.1 13.2 19.8#

Manual Integrations
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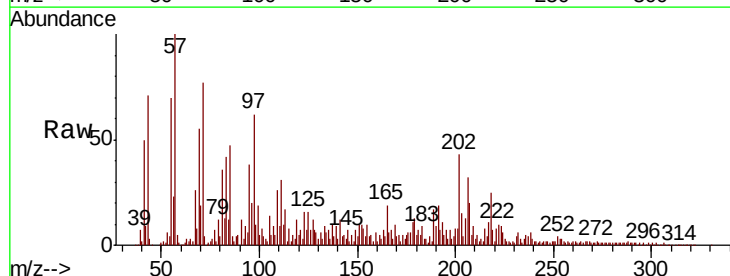


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

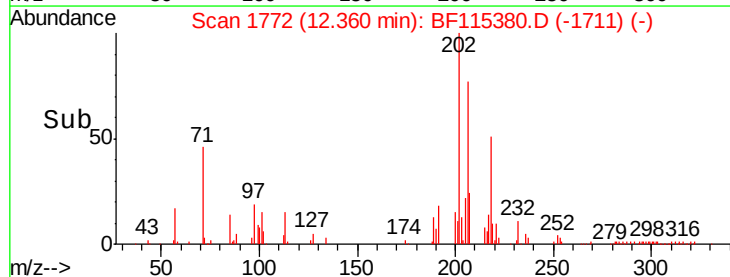
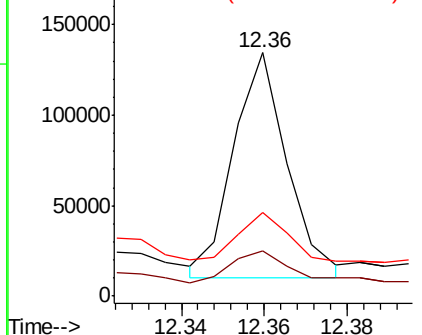


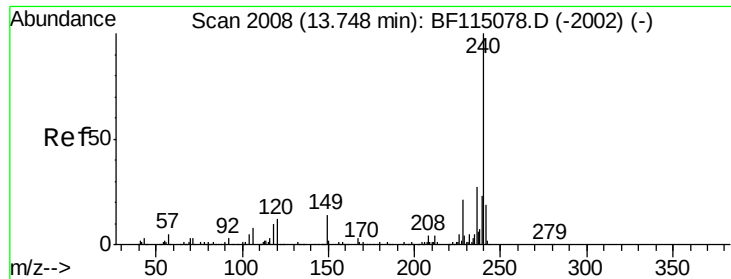
#75
Fluoranthene
Concen: 6.956 ng m
RT: 12.36 min Scan# 1772
Delta R.T. 0.06 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Tgt Ion:202 Resp: 112523
Ion Ratio Lower Upper
202 100
101 18.7 0.0 34.0
203 34.2 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





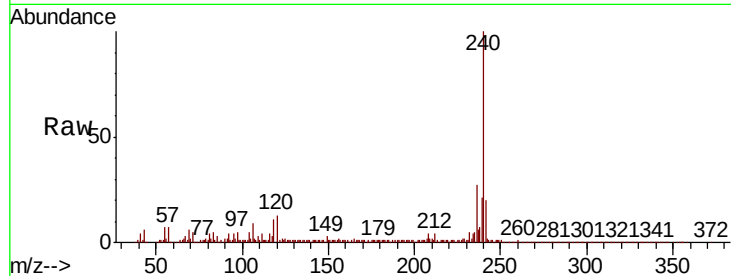
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.75 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

Instrument :
BNA_F
ClientSampleId :
PE-1A

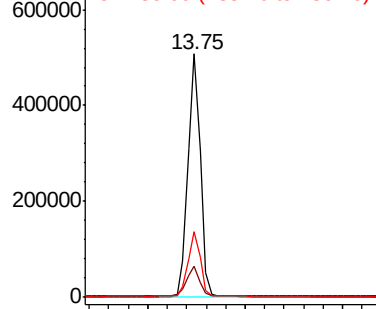
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.4	14.2
236	27.2	21.7	32.5

Manual Integrations
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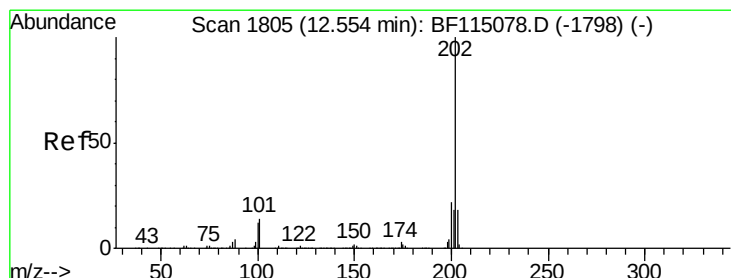
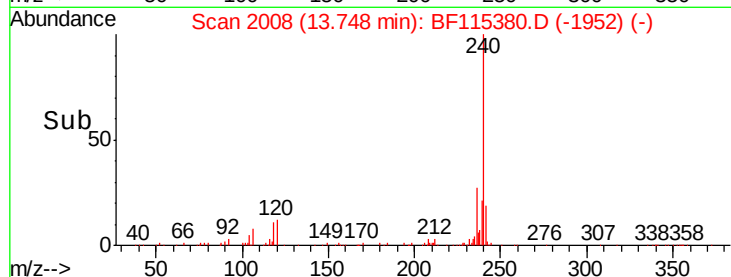
mohammad
7/3/2019 10:52:06 PM



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

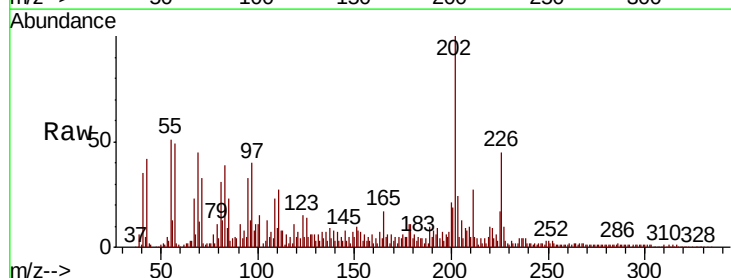


Time-->

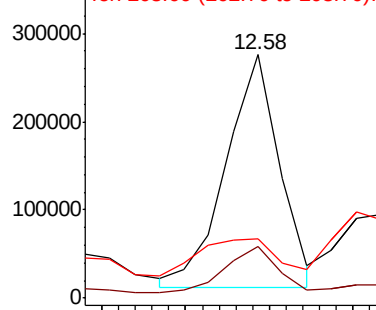


#78
Pyrene
Concen: 6.857 ng m
RT: 12.58 min Scan# 1809
Delta R.T. 0.05 min
Lab File: BF115380.D
Acq: 3 Jul 2019 00:27

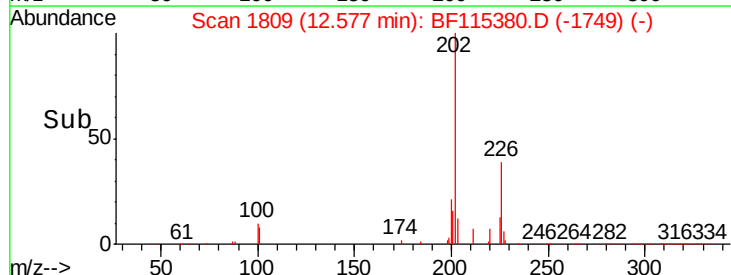
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.9	26.9
203	24.2	14.6	21.8

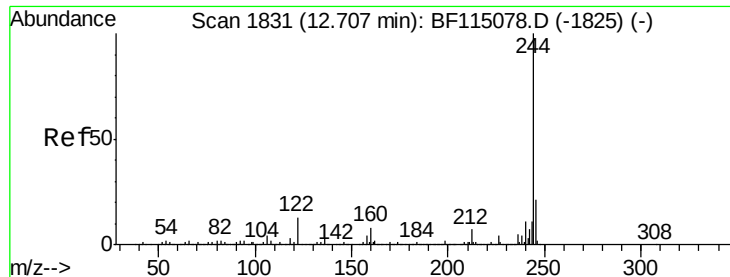


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





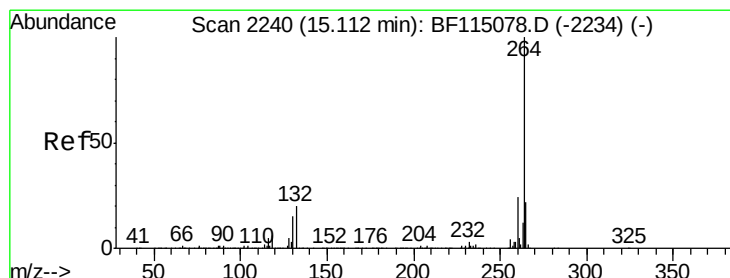
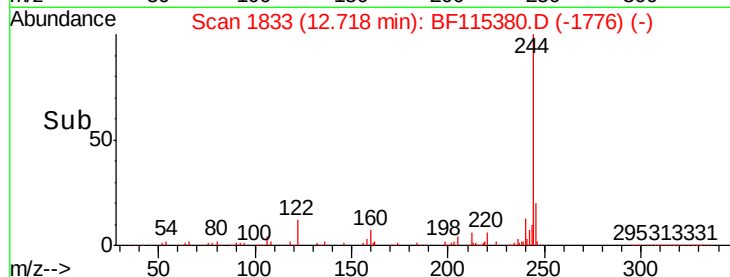
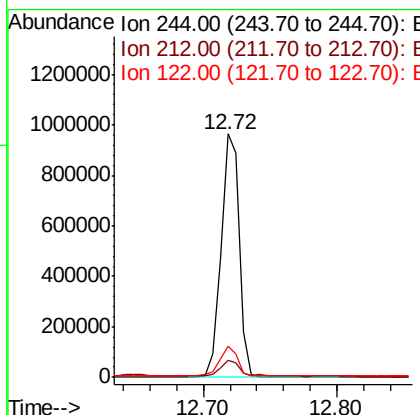
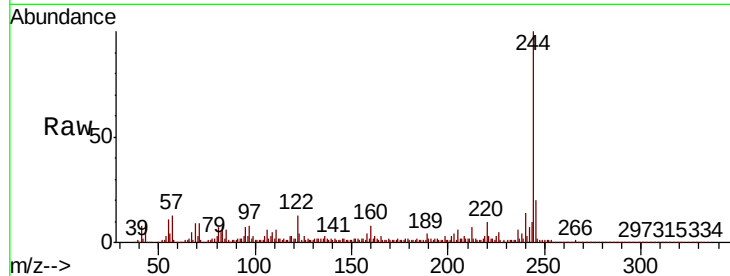
#79
 Terphenyl-d14
 Concen: 43.753 ng
 RT: 12.72 min Scan# 1833
 Delta R.T. 0.04 min
 Lab File: BF115380.D
 Acq: 3 Jul 2019 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PE-1A

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	12.7	10.4	15.6

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:52:06 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.12 min Scan# 2241
 Delta R.T. 0.04 min
 Lab File: BF115380.D
 Acq: 3 Jul 2019 00:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.4	17.3	25.9

