

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115238.D
 Acq On : 27 Jun 2019 16:07
 Operator : HP/JU
 Sample : K3528-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Manual Integrations
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Quant Time: Jun 28 05:45:01 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	228937	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	859574	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	414058	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	811712	20.00	ng	0.00
76) Chrysene-d12	13.71	240	661766	20.00	ng	0.00
87) Perylene-d12	15.07	264	553365	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1323834	89.23	ng	0.00
7) Phenol-d6	6.24	99	1667511	92.61	ng	0.00
23) Nitrobenzene-d5	7.16	82	984552	70.46	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	431756	98.88	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1748081	71.71	ng	0.00
79) Terphenyl-d14	12.68	244	1964521	63.12	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.35	163	238590	7.832	ng	99
71) Phenanthrene	11.12	178	287496	6.578	ng	96
75) Fluoranthene	12.30	202	462396	10.604	ng	96
78) Pyrene	12.52	202	394667	7.760	ng	99
81) Benzo(a)anthracene	13.70	228	209800	4.418	ng	98
83) Chrysene	13.74	228	170897	3.929	ng	96
88) Benzo(b)fluoranthene	14.70	252	226954m	6.573	ng	
90) Benzo(a)pyrene	15.01	252	130403	4.190	ng	99
92) Benzo(g,h,i)perylene	16.70	276	61747	2.100	ng	97

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

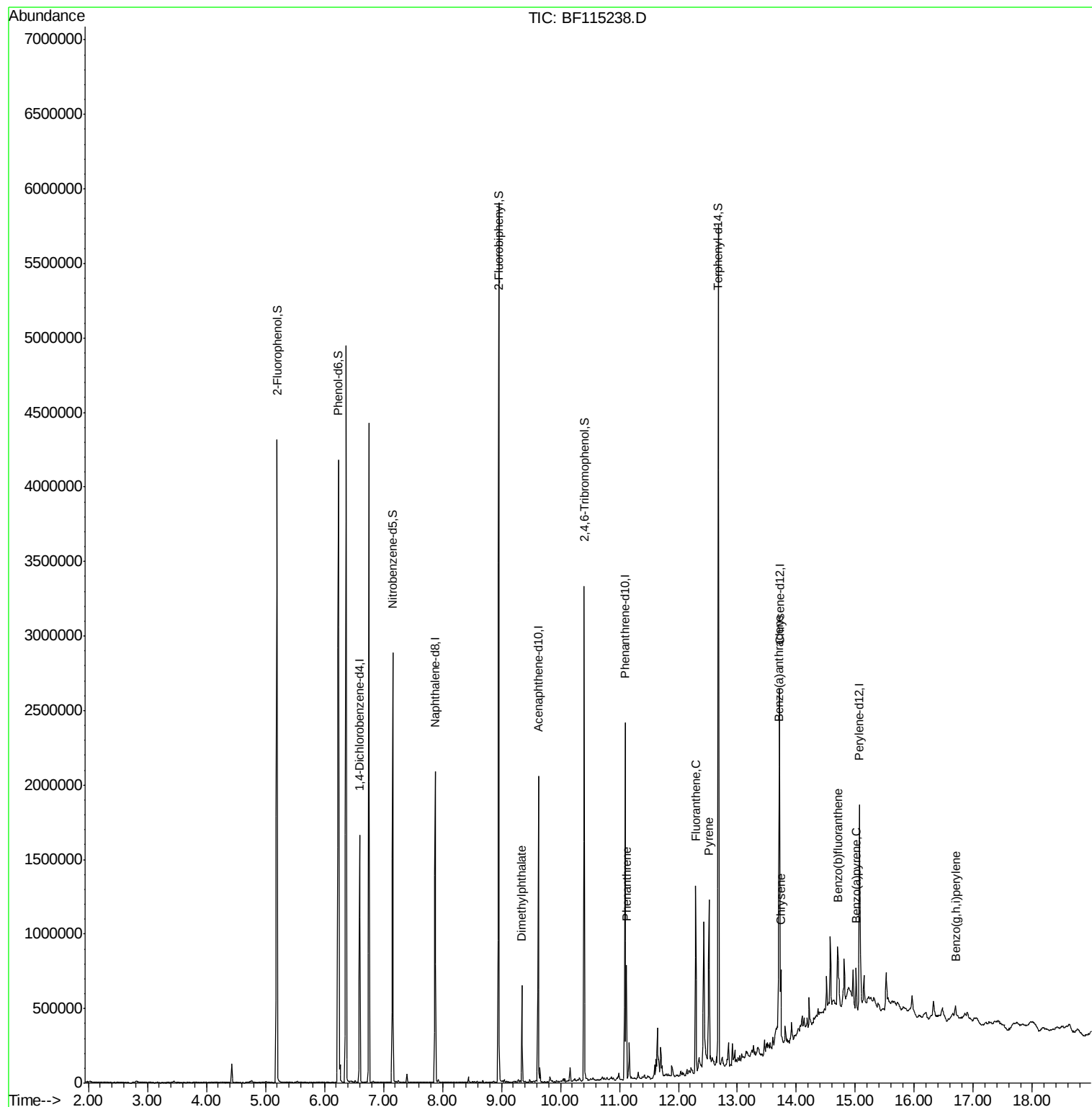
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115238.D
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Sample : K3528-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

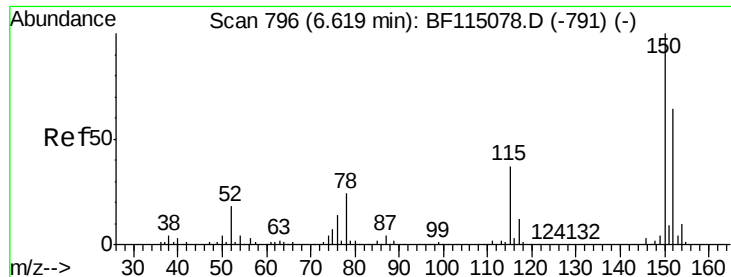
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

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#1

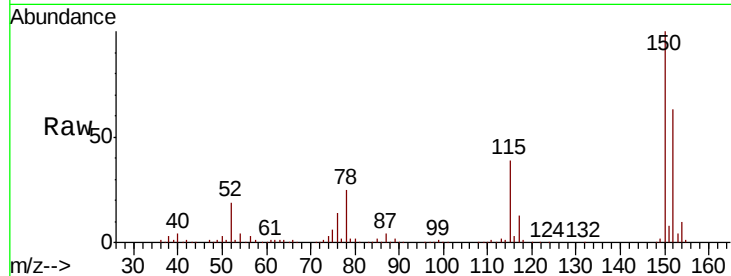
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115238.D
Acq: 27 Jun 2019 16:07

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.2	186.2
115	61.6	46.1	69.1

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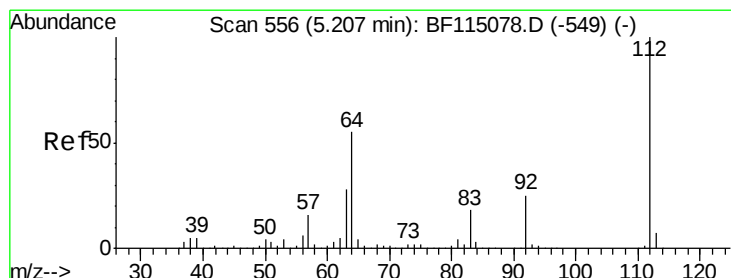
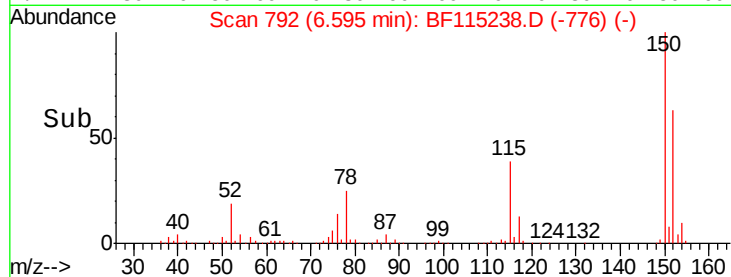
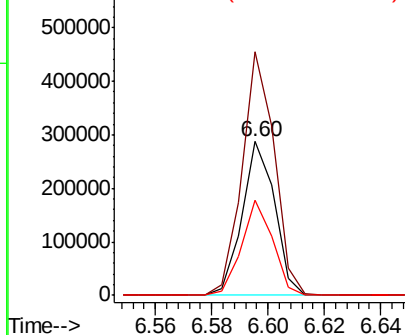


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

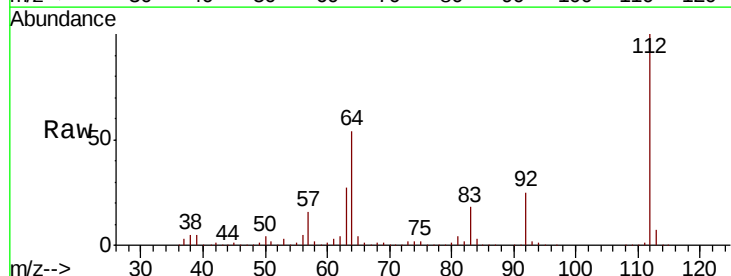
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.234 ng
RT: 5.20 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF115238.D
Acq: 27 Jun 2019 16:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	43.8	65.6
63	27.3	22.2	33.4

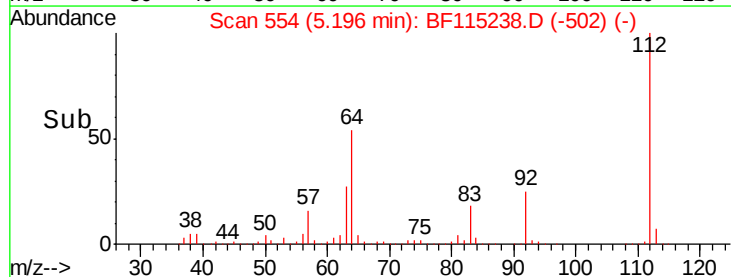
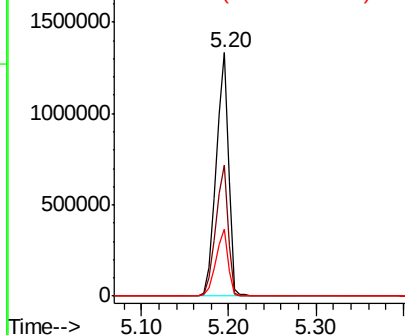


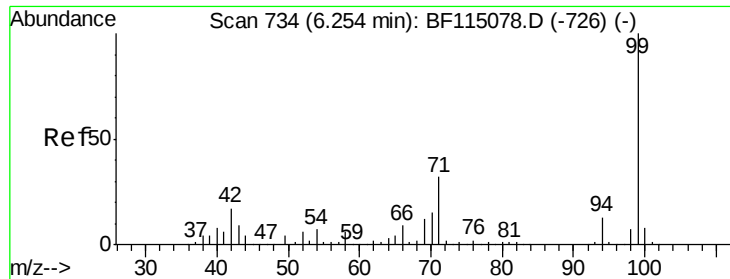
Abundance

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: 92.605 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115238.D

Acq: 27 Jun 2019 16:07

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

Tot Ion: 99 Resp: 1667511

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

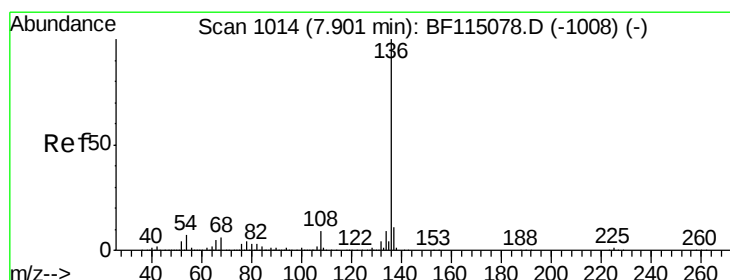
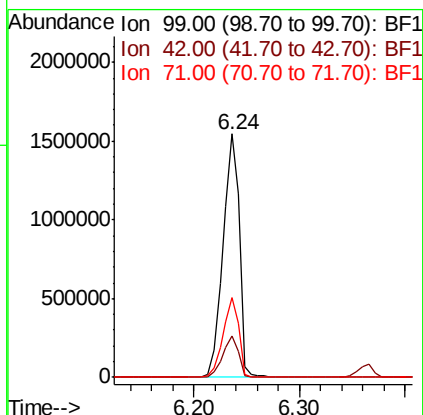
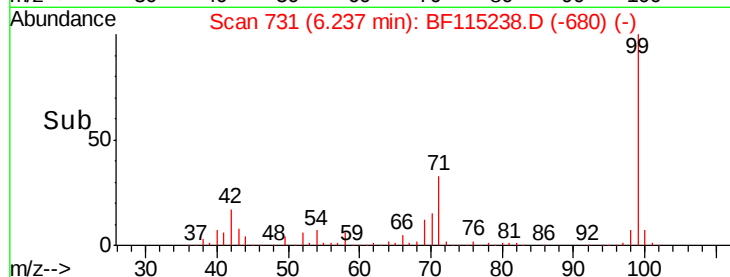
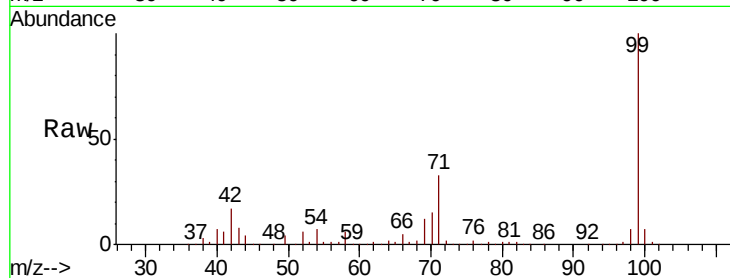
71 32.9 25.5 38.3

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115238.D

Acq: 27 Jun 2019 16:07

Tgt Ion: 136 Resp: 859574

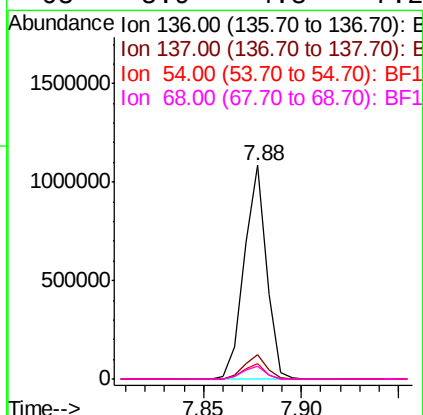
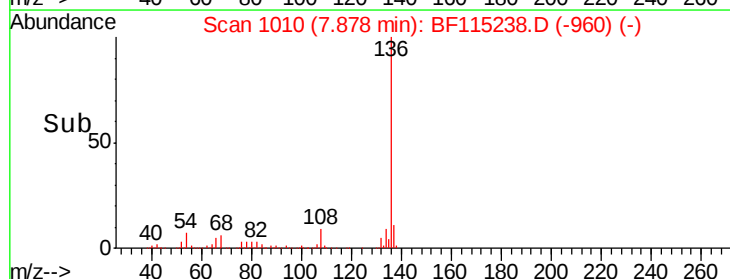
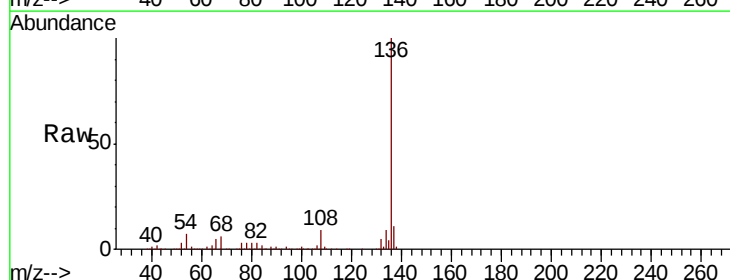
Ion Ratio Lower Upper

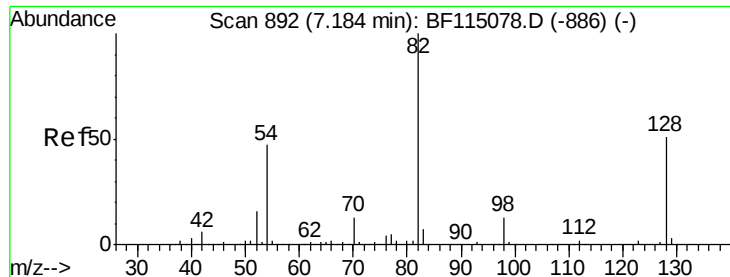
136 100

137 11.3 8.9 13.3

54 6.9 5.6 8.4

68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 70.459 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF115238.D

Acq: 27 Jun 2019 16:07

Instrument :

BNA_F

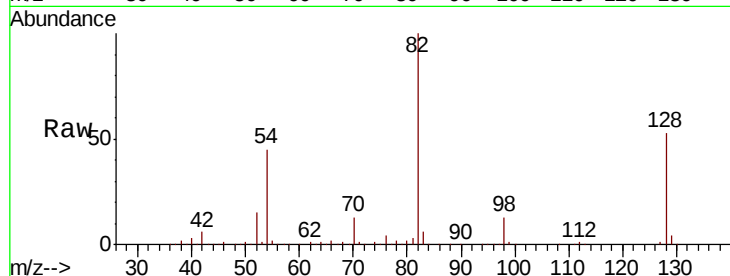
ClientSampleId :

SB-08-COMP

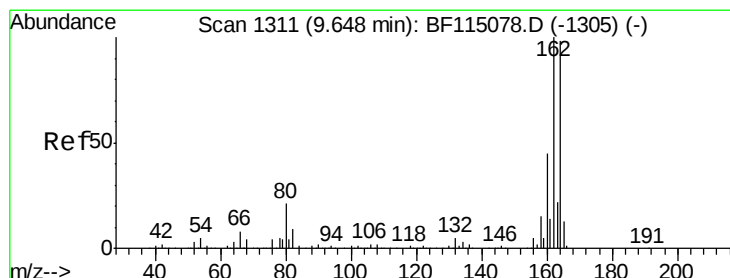
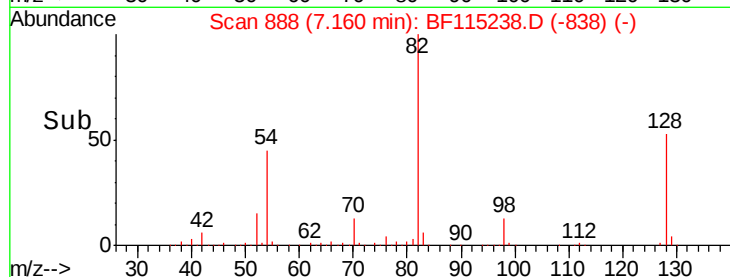
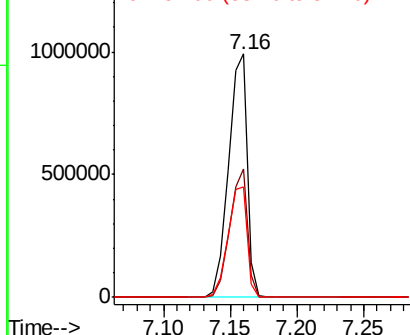
Tot Ion:	82	Resp:	984552
Ion Ratio	Lower	Upper	
82	100		
128	52.6	40.4	60.6
54	45.4	37.5	56.3

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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

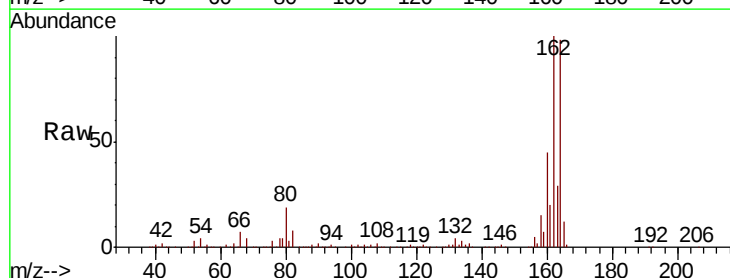
RT: 9.62 min Scan# 1307

Delta R.T. 0.00 min

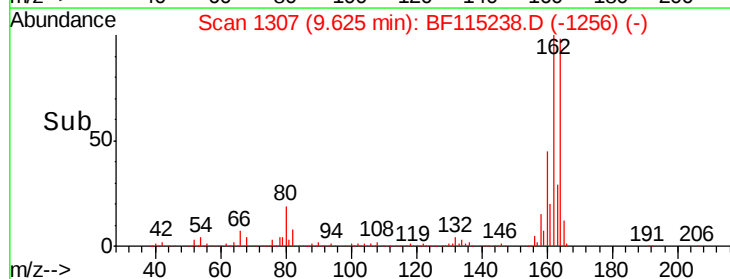
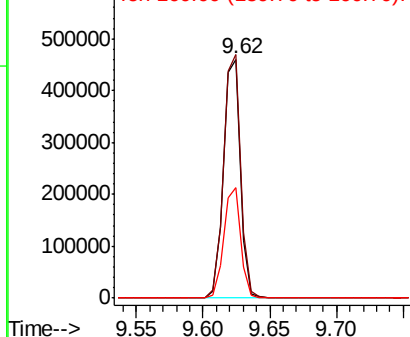
Lab File: BF115238.D

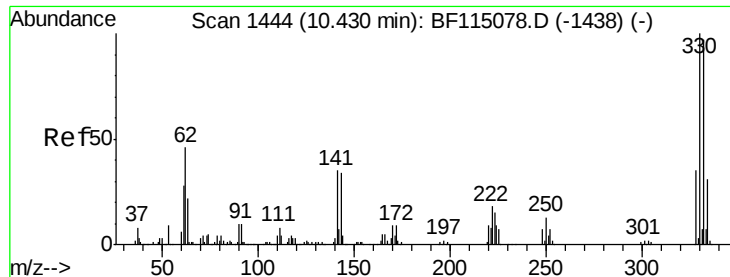
Acq: 27 Jun 2019 16:07

Tgt Ion:	164	Resp:	414058
Ion Ratio	Lower	Upper	
164	100		
162	101.9	81.7	122.5
160	46.1	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





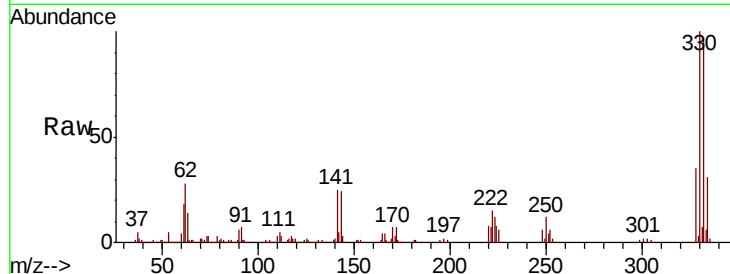
#42
 2,4,6-Tribromophenol
 Concen: 98.882 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115238.D
 Acq: 27 Jun 2019 16:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	32.8	28.2	42.2

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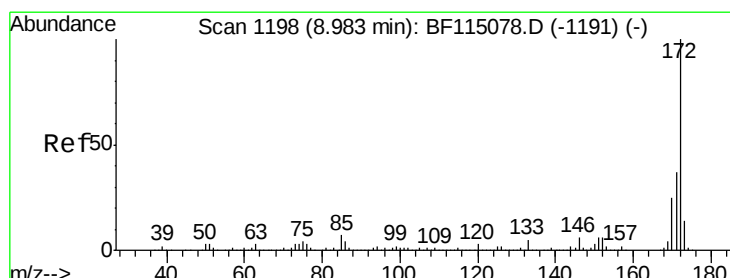
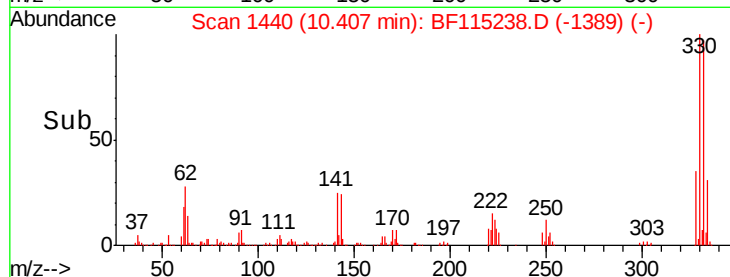
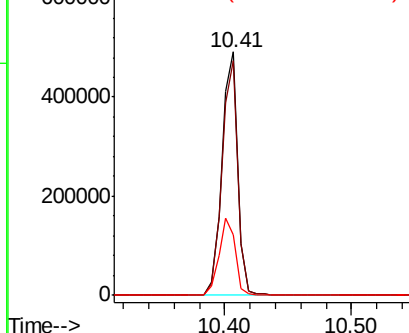


Abundance

Ion 329.80 (329.50 to 330.50): E

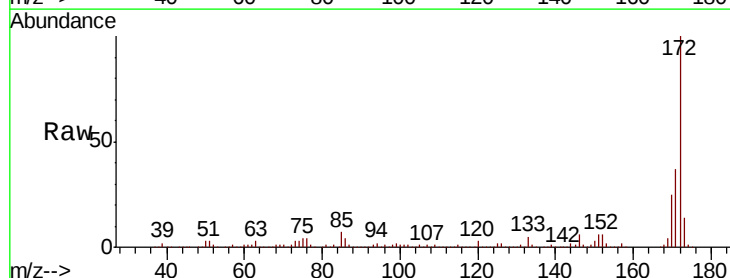
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.713 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115238.D
 Acq: 27 Jun 2019 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	25.4	20.3	30.5

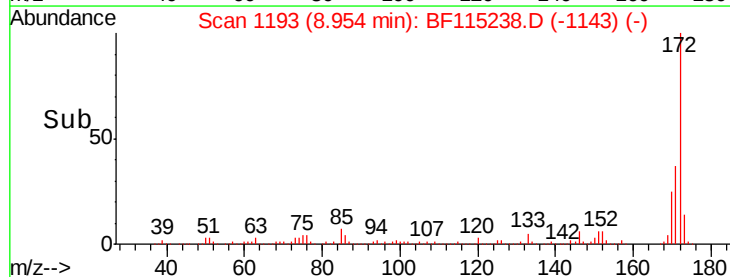
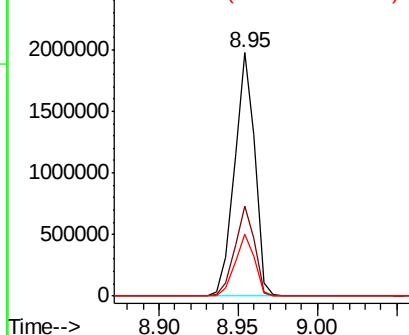


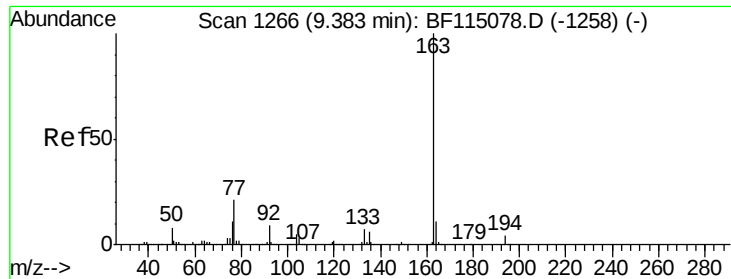
Abundance

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





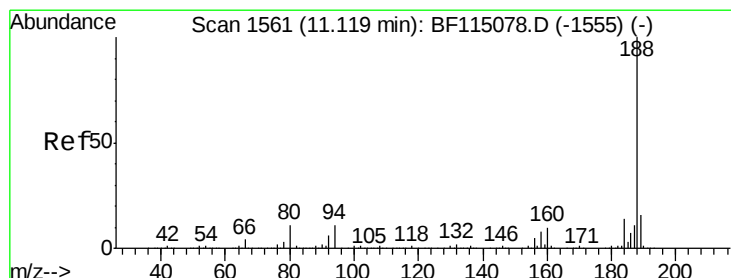
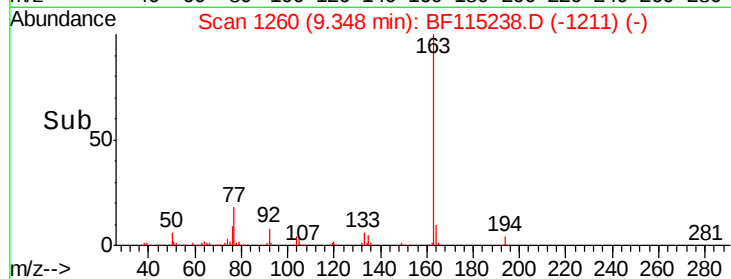
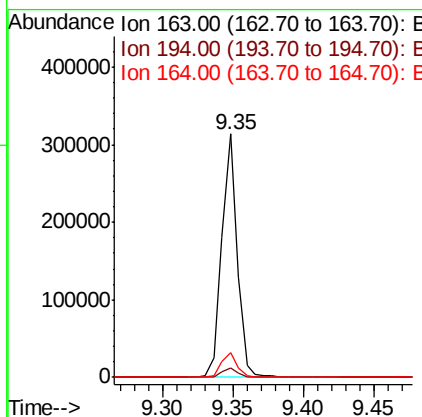
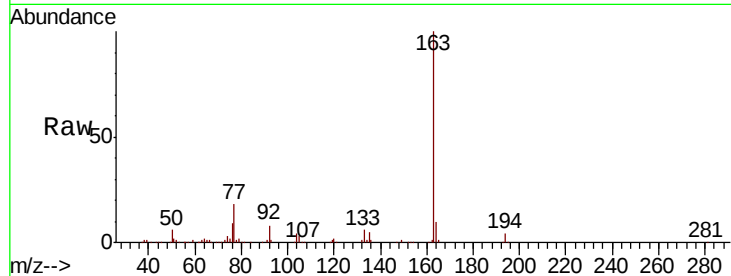
#50
Dimethylphthalate
Concen: 7.832 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115238.D
Acq: 27 Jun 2019 16:07

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	238590		
194	4.1	3.2	4.8	
164	10.2	8.6	13.0	

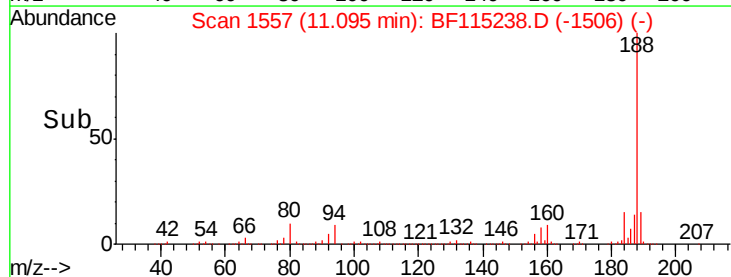
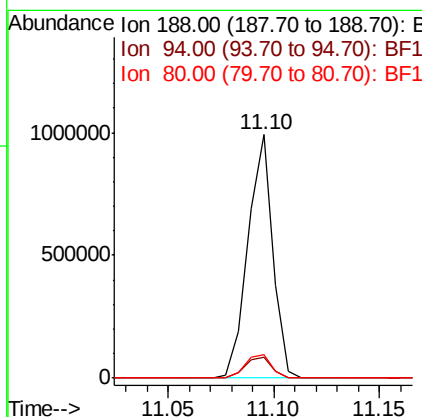
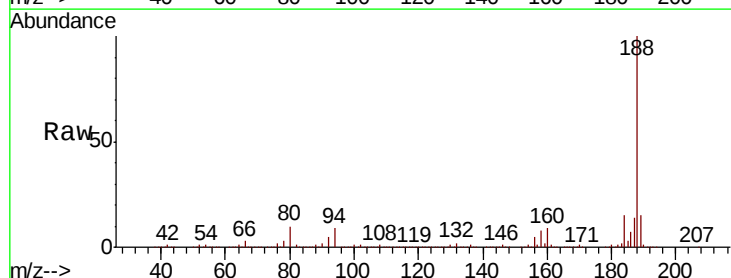
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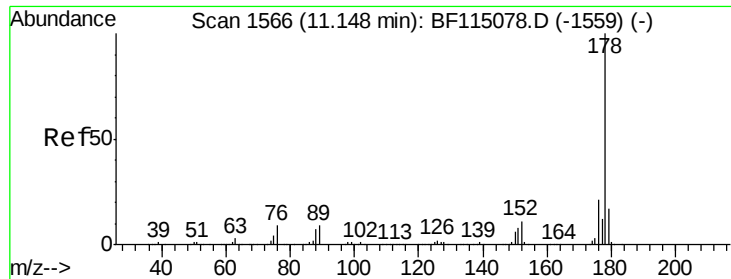
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115238.D
Acq: 27 Jun 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	811712		
94	8.8	8.6	12.8	
80	9.6	8.8	13.2	





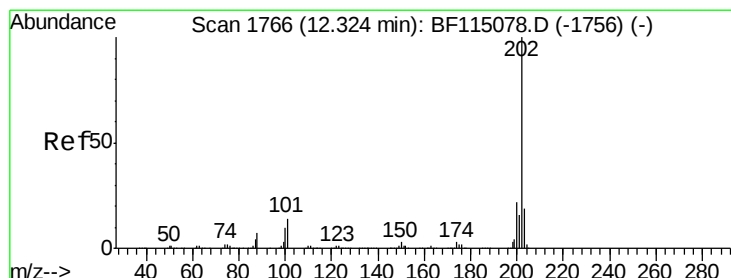
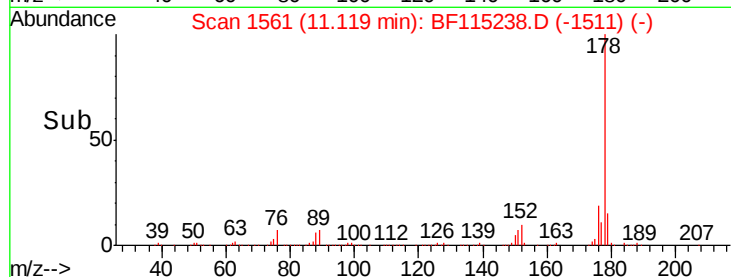
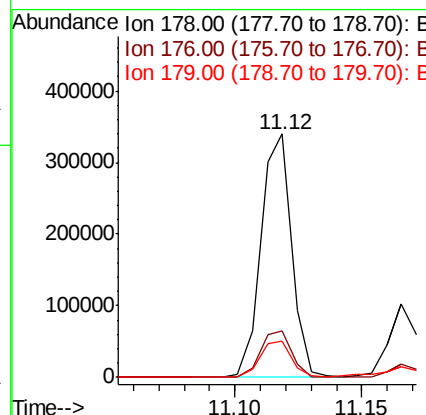
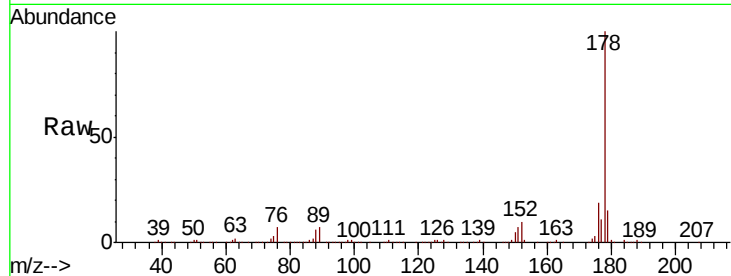
#71
Phenanthrene
Concen: 6.578 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF115238.D
Acq: 27 Jun 2019 16:07

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.9	25.3
179	15.0	13.2	19.8

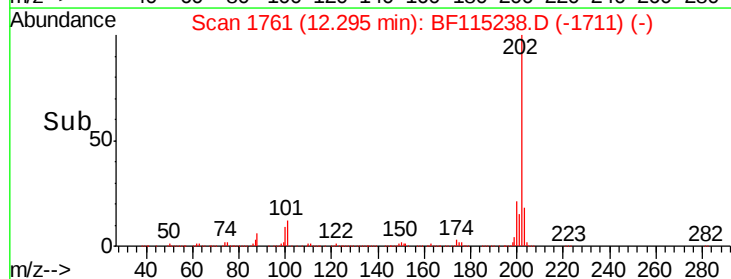
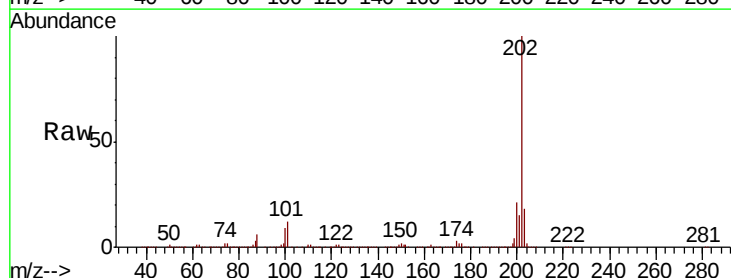
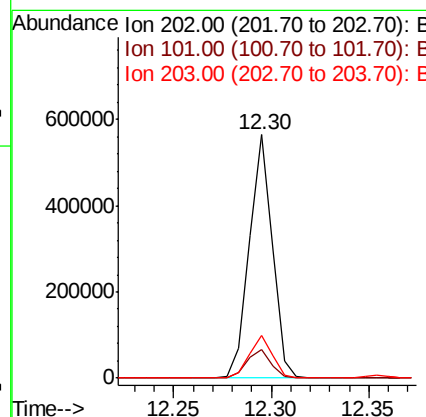
Manual Integrations
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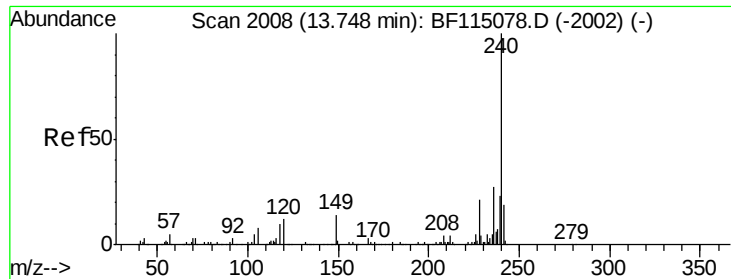
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#75
Fluoranthene
Concen: 10.604 ng
RT: 12.30 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF115238.D
Acq: 27 Jun 2019 16:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.0
203	17.6	0.0	38.8





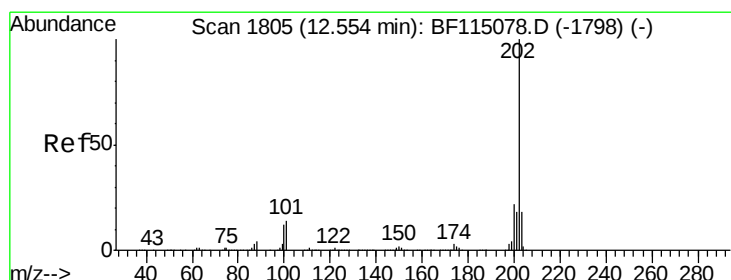
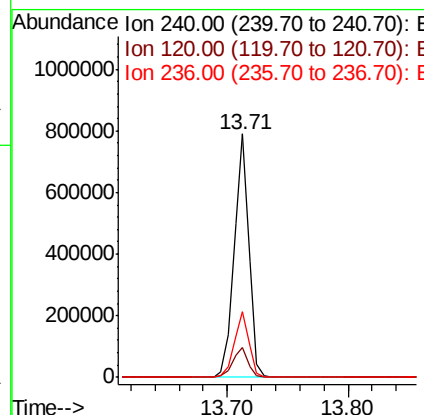
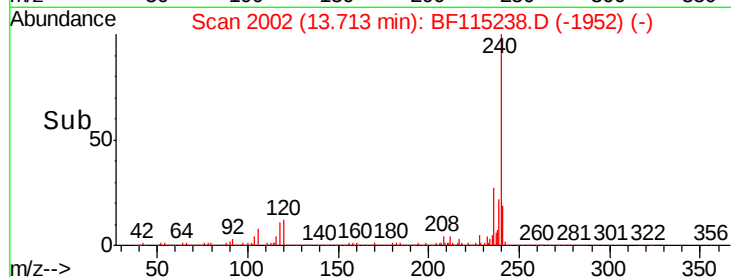
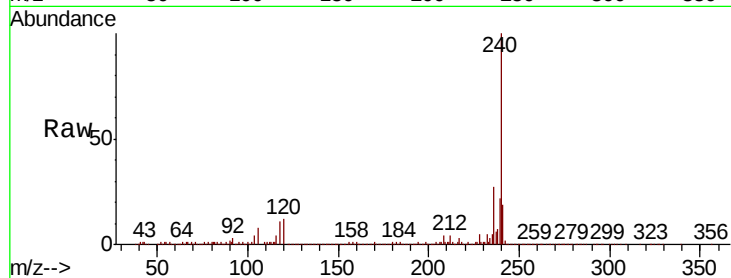
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115238.D
Acq: 27 Jun 2019 16:07

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.4	14.2
236	26.9	21.7	32.5

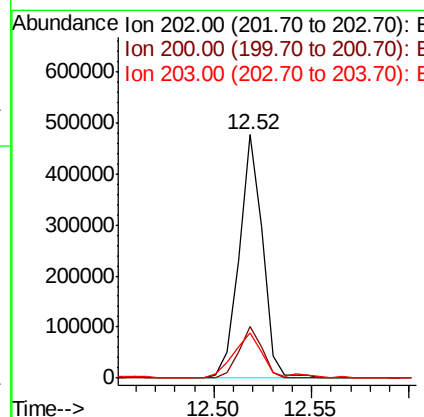
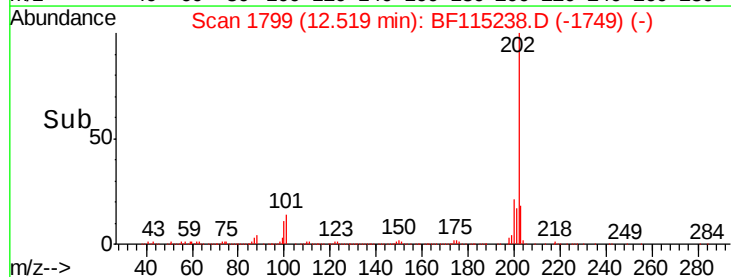
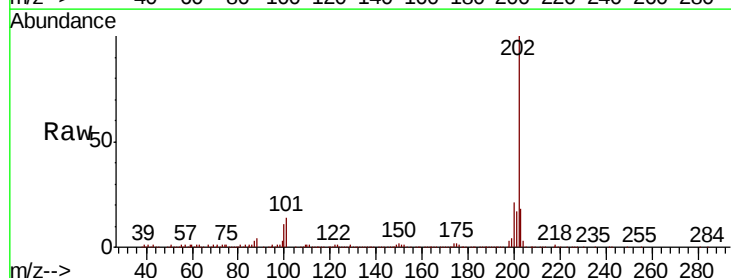
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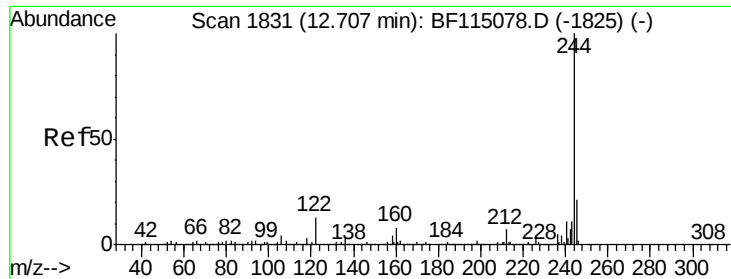
mohammad
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#78
Pyrene
Concen: 7.760 ng
RT: 12.52 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF115238.D
Acq: 27 Jun 2019 16:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.9	26.9
203	18.5	14.6	21.8





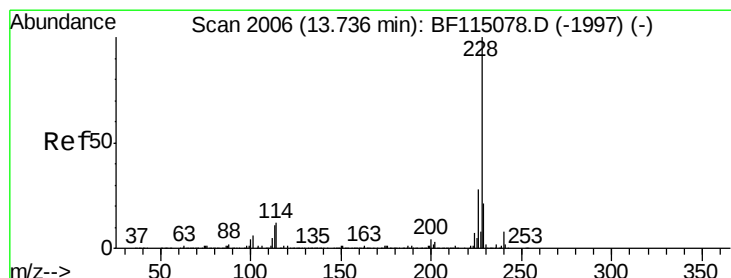
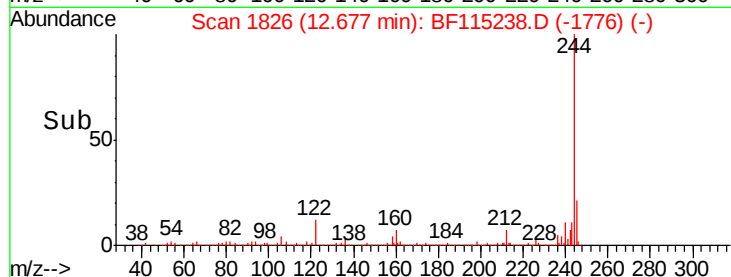
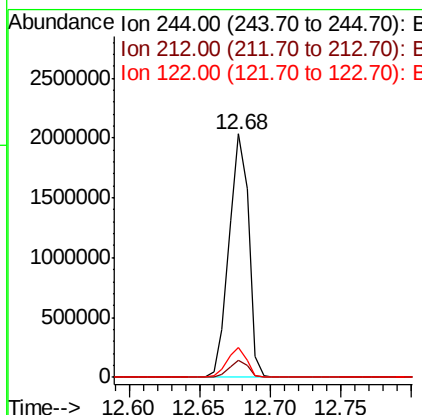
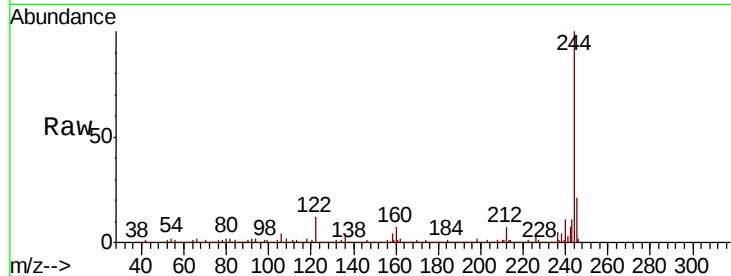
#79
 Terphenyl-d14
 Concen: 63.117 ng
 RT: 12.68 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF115238.D
 Acq: 27 Jun 2019 16:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.5	10.4	15.6

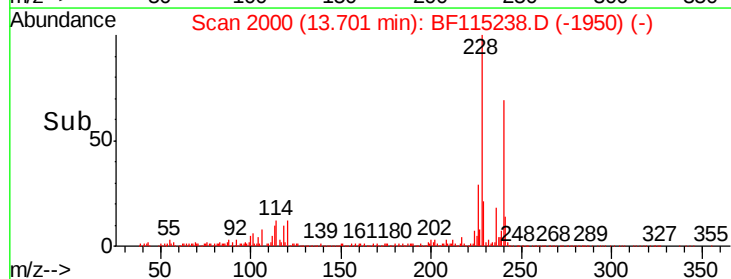
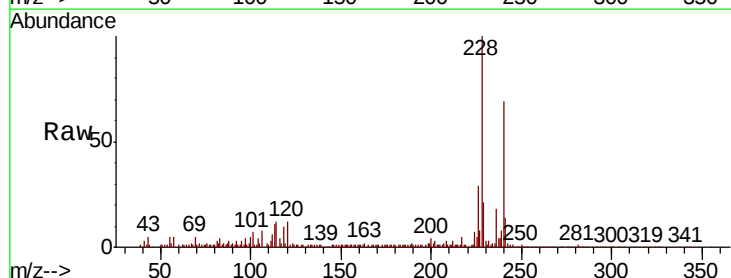
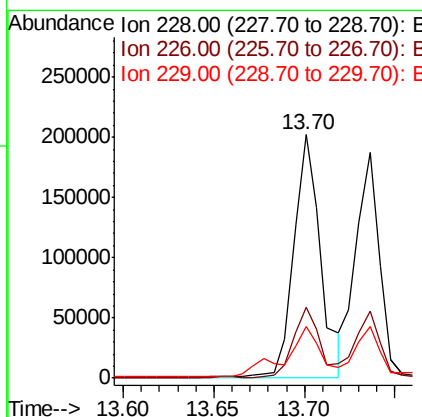
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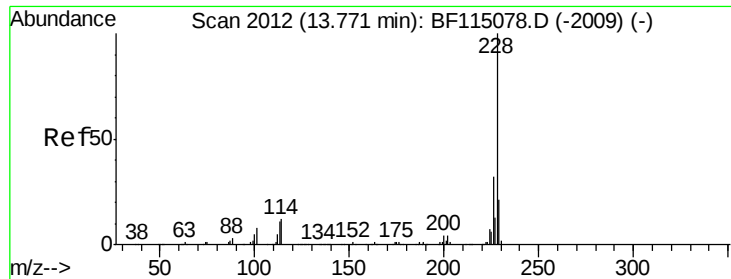
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#81
 Benzo(a)anthracene
 Concen: 4.418 ng
 RT: 13.70 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF115238.D
 Acq: 27 Jun 2019 16:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	21.1	16.6	24.8





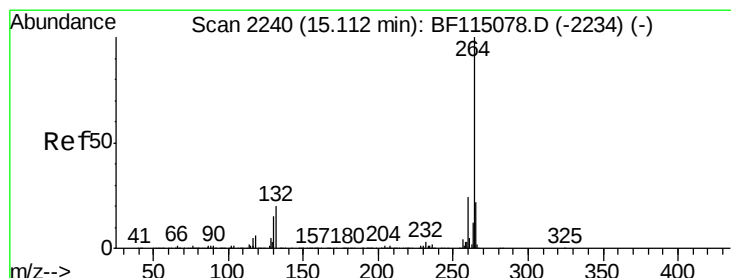
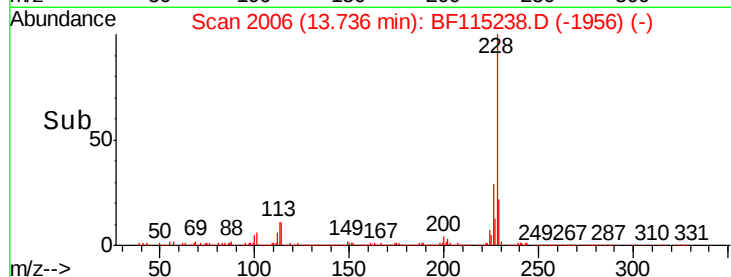
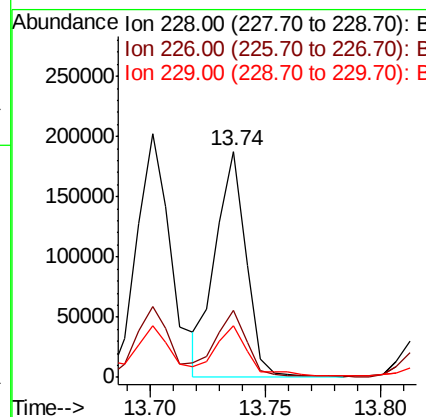
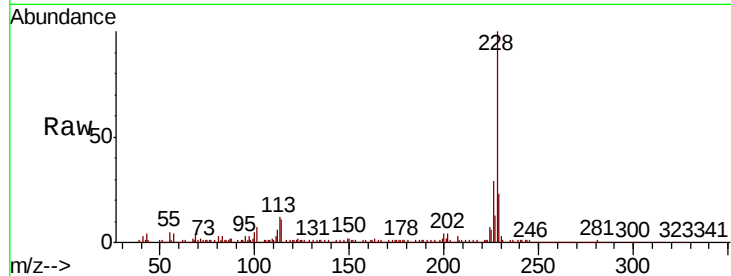
#83
 Chrysene
 Concen: 3.929 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF115238.D
 Acq: 27 Jun 2019 16:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion:	228	Resp:	170897
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.4	38.0
229	22.7	16.5	24.7

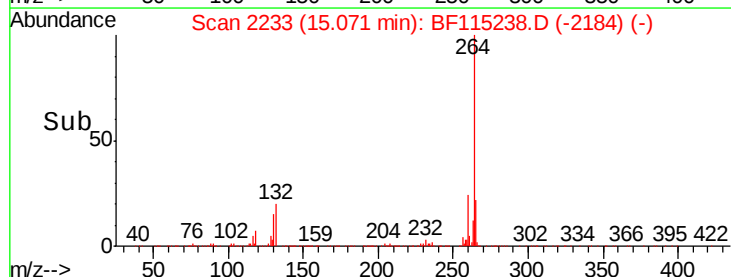
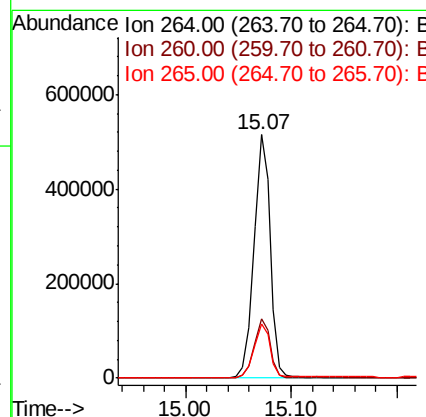
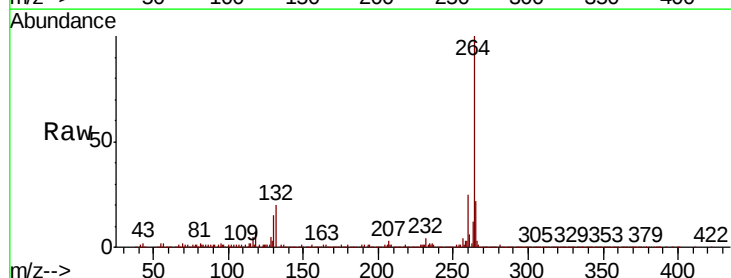
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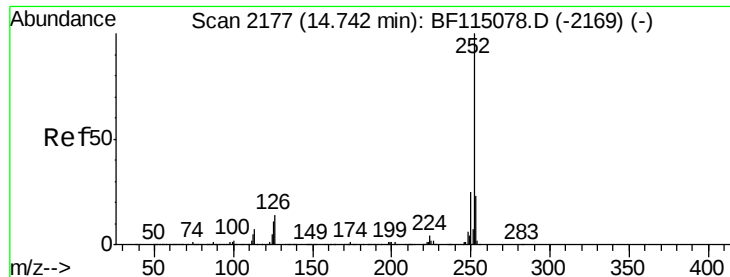
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.07 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF115238.D
 Acq: 27 Jun 2019 16:07

Tgt Ion:	264	Resp:	553365
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.6	29.4
265	22.4	17.3	25.9





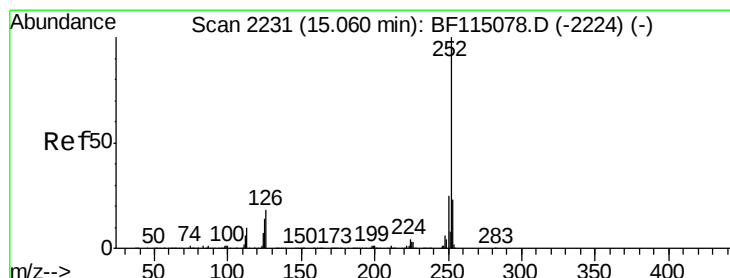
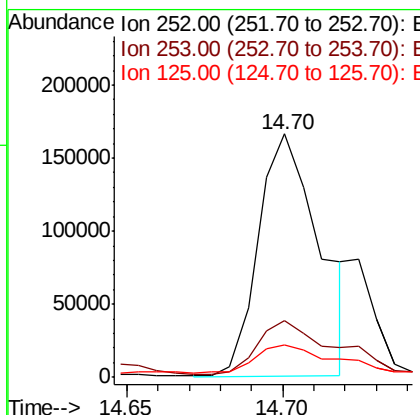
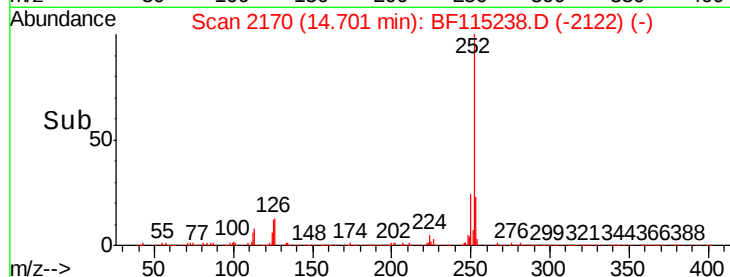
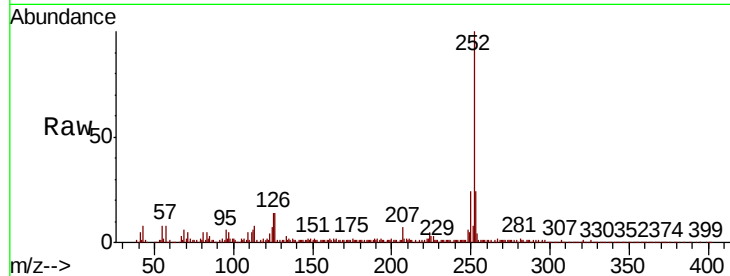
#88
Benzo(b)fluoranthene
Concen: 6.573 ng m
RT: 14.70 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF115238.D
Acq: 27 Jun 2019 16:07

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion	Ratio	Resp	Lower	Upper
252	100	226954		
253	23.5	18.1	27.1	
125	13.5	8.7	13.1	

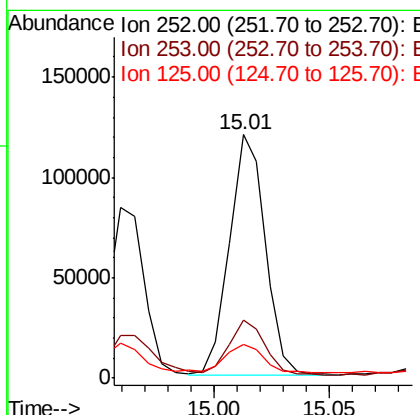
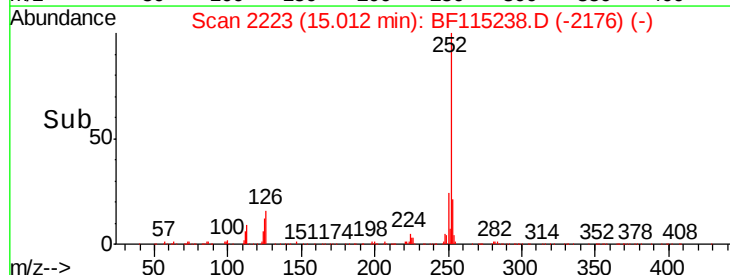
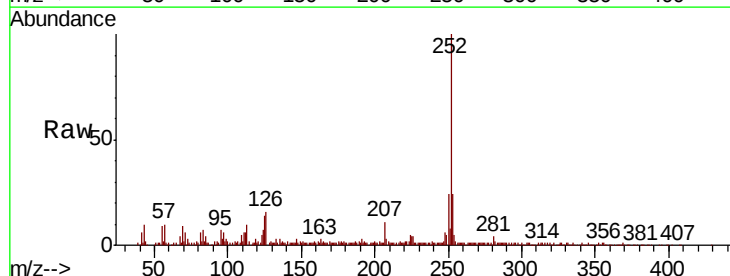
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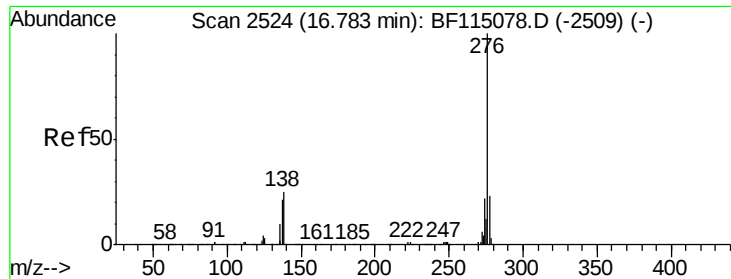
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#90
Benzo(a)pyrene
Concen: 4.190 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BF115238.D
Acq: 27 Jun 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	130403		
253	23.7	18.3	27.5	
125	13.9	10.9	16.3	





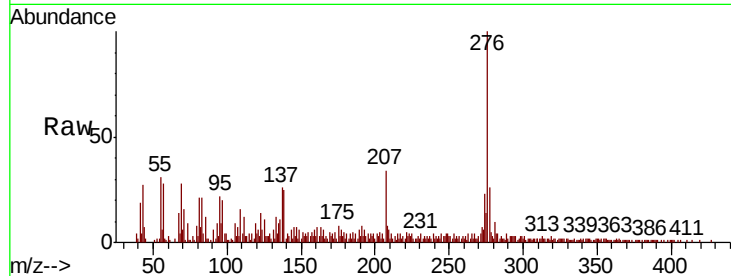
#92
 Benzo(a,h,i)perylene
 Concen: 2.100 ng
 RT: 16.70 min Scan# 2510
 Delta R.T. -0.04 min
 Lab File: BF115238.D
 Acq: 27 Jun 2019 16:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion:	276	Resp:	61747
Ion Ratio	Lower	Upper	
276	100		
277	26.2	18.6	28.0
138	24.6	19.8	29.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

