

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117588.D
 Acq On : 29 Oct 2019 14:04
 Operator : JU
 Sample : K5503-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 172-22-(0-2)

Manual Integrations
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Quant Time: Oct 30 03:23:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	38757	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	148939	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	62335	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	82788	20.00	ng	0.00
76) Chrysene-d12	13.89	240	70413	20.00	ng	0.00
87) Perylene-d12	15.33	264	63492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	240838	92.45	ng	0.00
7) Phenol-d6	6.39	99	340784	97.39	ng	0.00
23) Nitrobenzene-d5	7.29	82	201524	66.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	40979	75.98	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	258315	58.39	ng	-0.01
79) Terphenyl-d14	12.83	244	165942	38.44	ng	0.00
Target Compounds						
10) Phenol	6.40	94	10056	2.816	ng	Qvalue 96
50) Dimethylphthalate	9.48	163	33704	7.584	ng	99
71) Phenanthrene	11.27	178	18046	3.754	ng	97
75) Fluoranthene	12.46	202	33211	6.901	ng	94
78) Pyrene	12.69	202	32198	5.324	ng	99
81) Benzo(a)anthracene	13.89	228	17300	3.642	ng	95
83) Chrysene	13.92	228	15981	3.433	ng	97
88) Benzo(b)fluoranthene	14.92	252	17012m	4.537	ng	
90) Benzo(a)pyrene	15.27	252	12041	3.532	ng	# 91

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

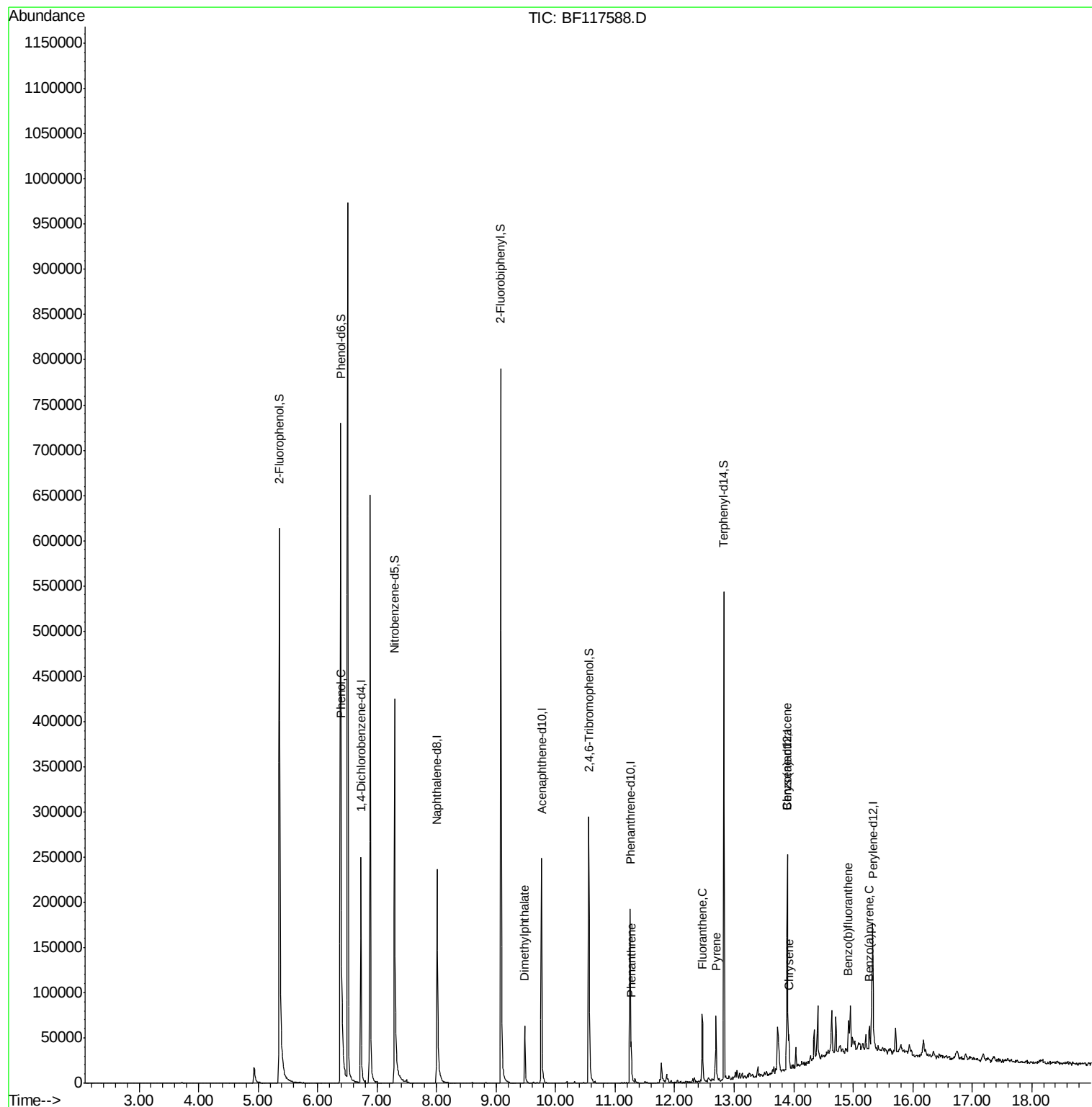
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117588.D
Acq On : 29 Oct 2019 14:04
Operator : JU
Sample : K5503-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
172-22-(0-2)

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Quant Time: Oct 30 03:23:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
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#1

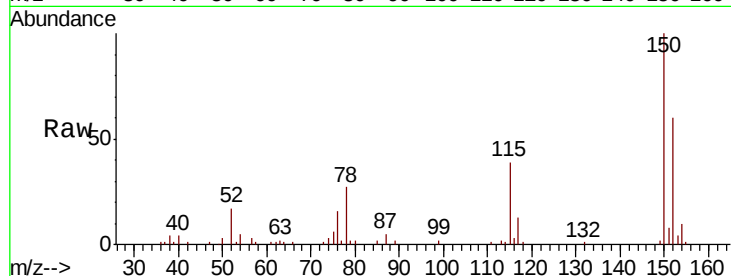
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :
172-22-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.3	126.8	190.2
115	65.4	51.6	77.4

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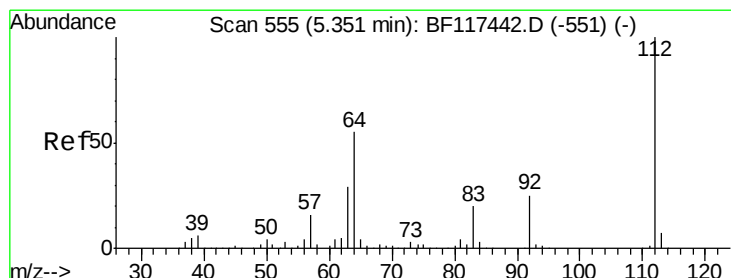
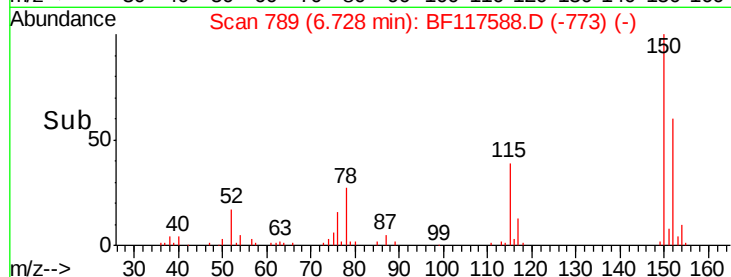
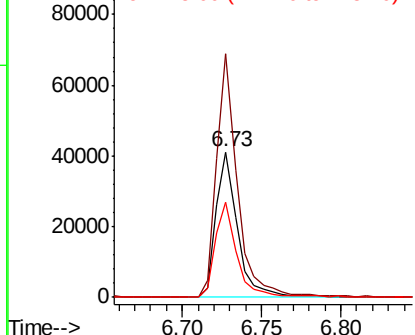


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

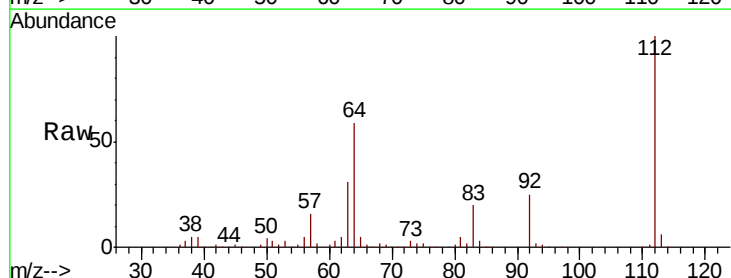
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.447 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	30.9	23.4	35.2

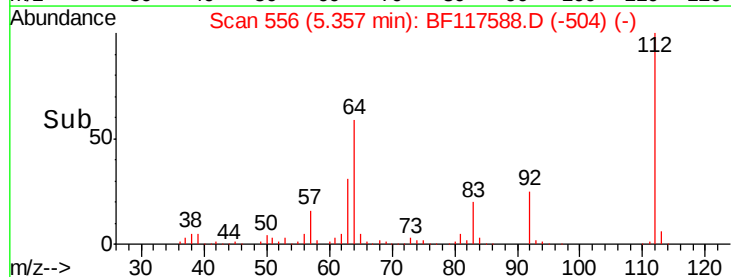
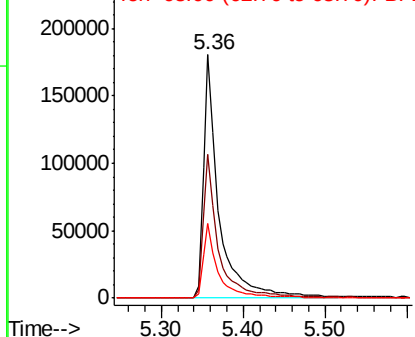


Abundance

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: 97.394 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117588.D

Acq: 29 Oct 2019 14:04

Instrument :

BNA_F

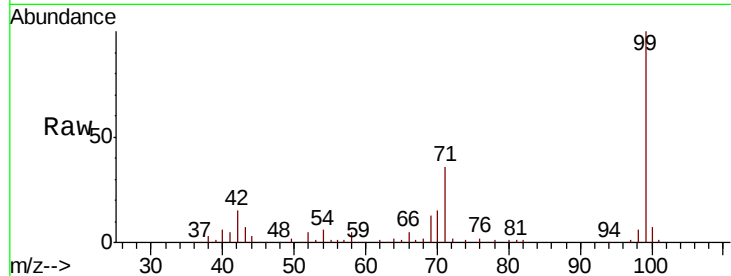
ClientSampleId :

172-22-(0-2)

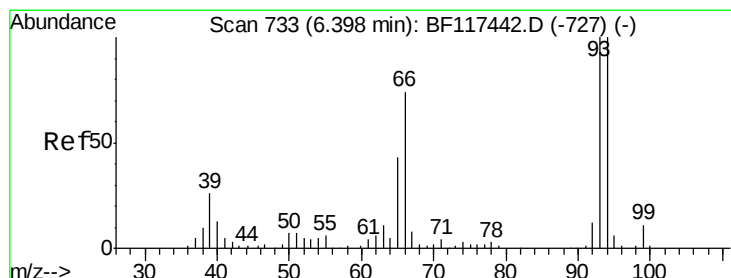
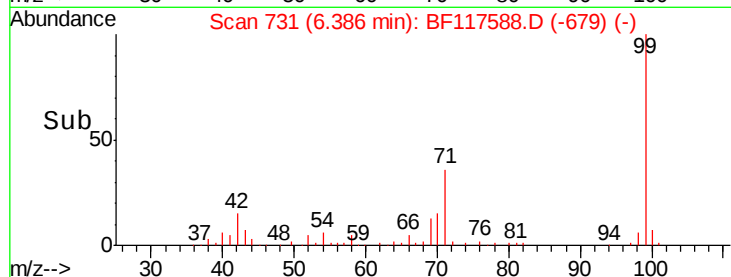
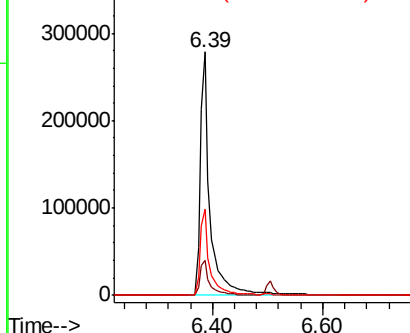
Tot Ion:	99	Resp:	340784
Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.8	19.2
71	35.5	28.6	43.0

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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



#10

Phenol

Concen: 2.816 ng

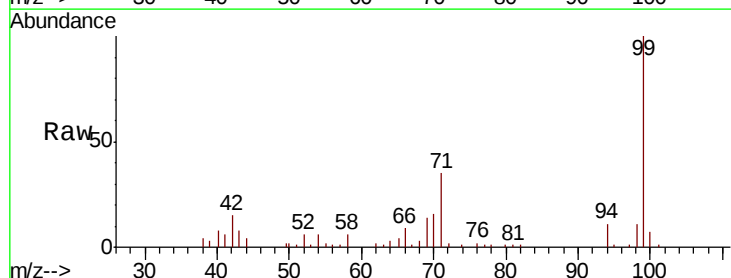
RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

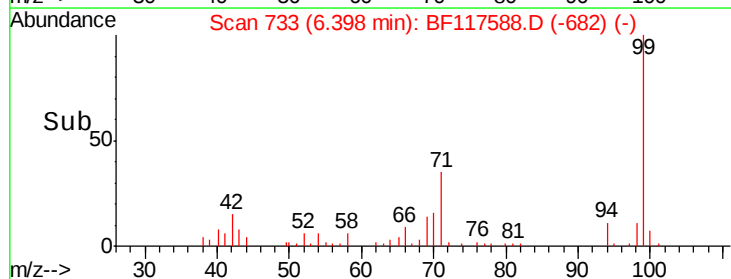
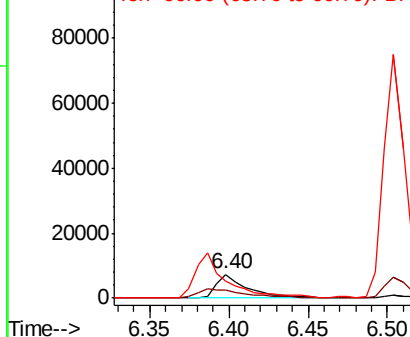
Lab File: BF117588.D

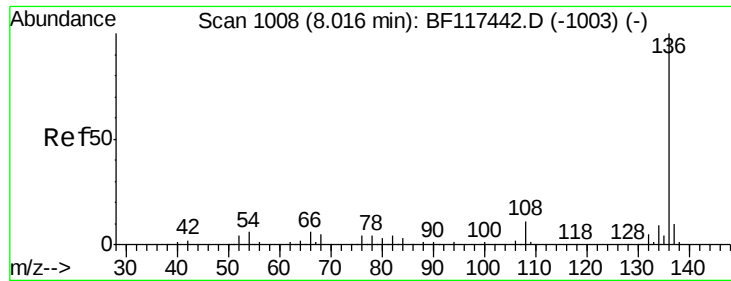
Acq: 29 Oct 2019 14:04

Tgt Ion:	94	Resp:	10056
Ion	Ratio	Lower	Upper
94	100		
65	37.0	23.4	63.4
66	74.9	54.7	94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





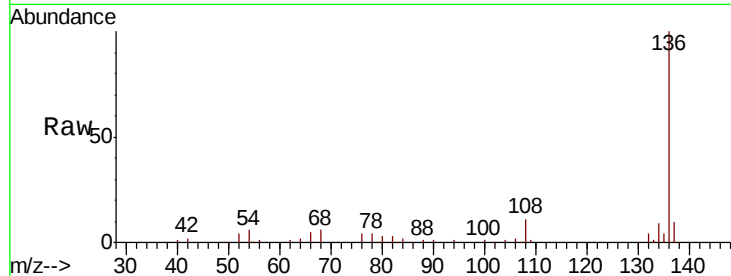
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :
172-22-(0-2)

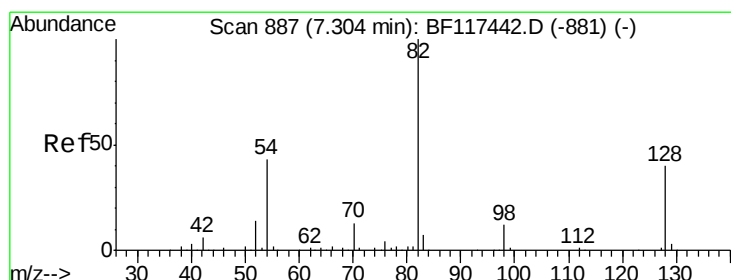
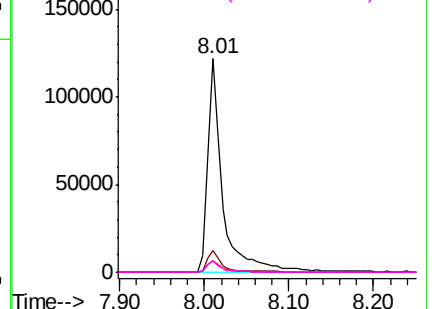
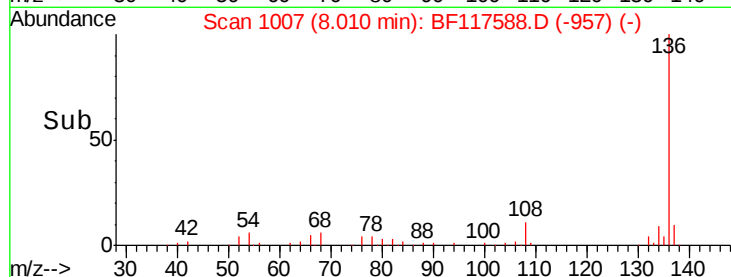
Tot Ion	Ratio	Resp	Lower	Upper
136	100	148939		
137	10.2		8.2	12.4
54	5.5		4.5	6.7
68	5.5		4.3	6.5

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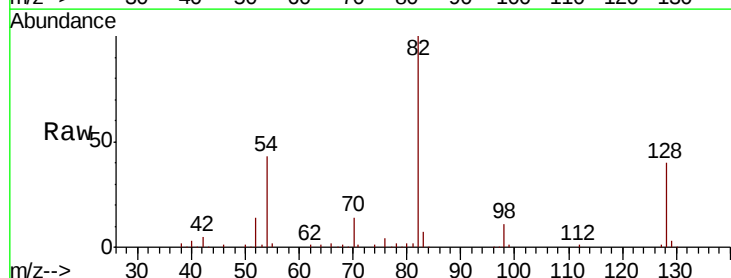


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

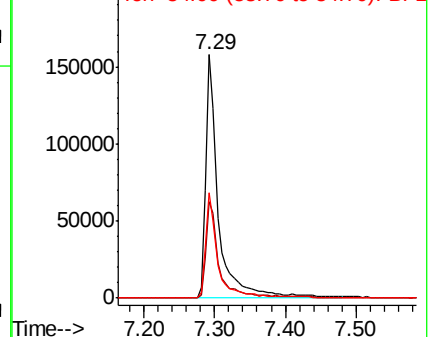
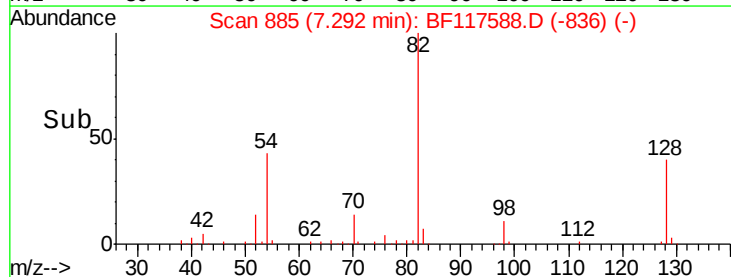


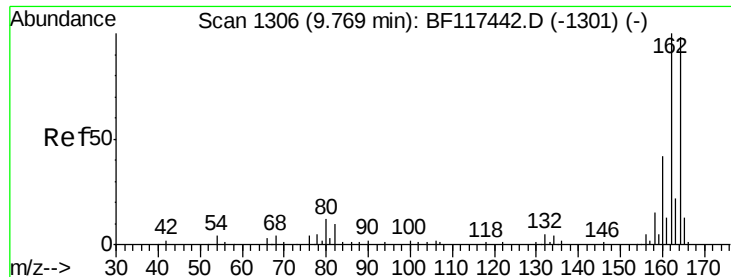
#23
Nitrobenzene-d5
Concen: 66.798 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	201524		
128	39.5		32.2	48.2
54	43.2		34.2	51.2



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





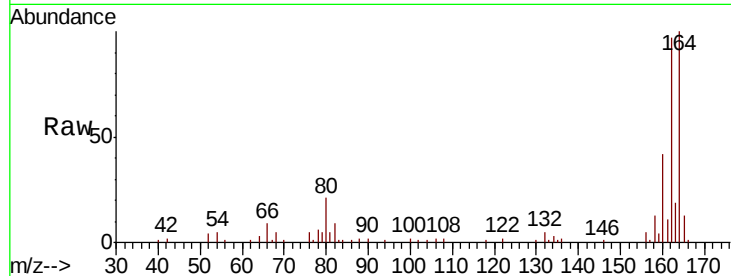
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :
172-22-(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.8	81.8	122.6
160	41.5	34.4	51.6

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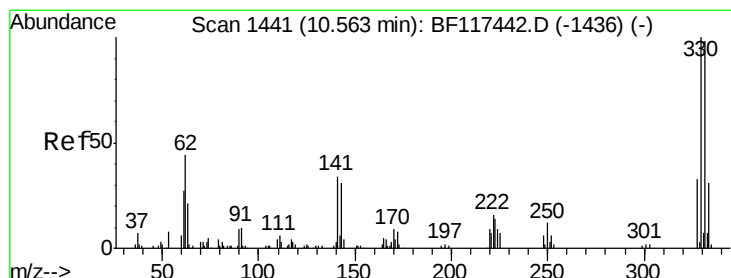
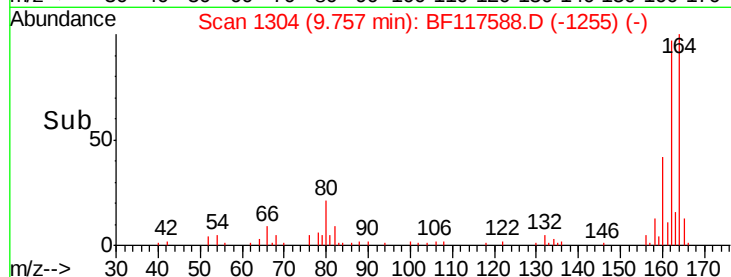
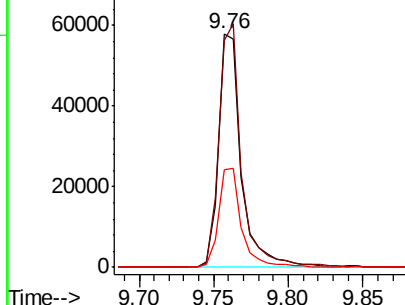


Abundance

Ion 164.00 (163.70 to 164.70): E

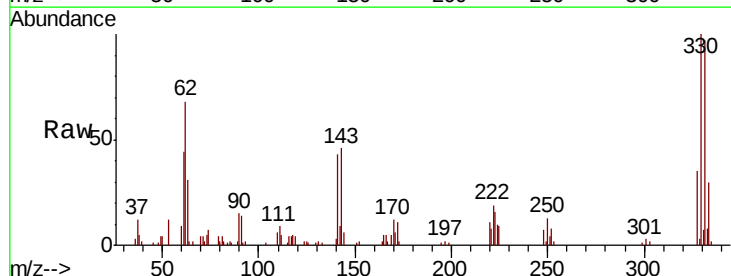
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 75.977 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.5	117.7
141	44.6	37.0	55.6

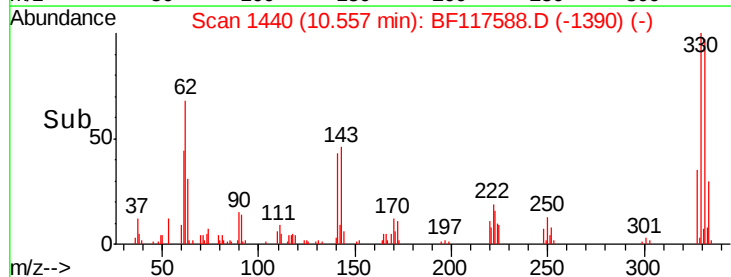
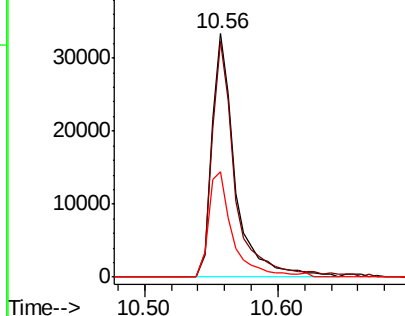


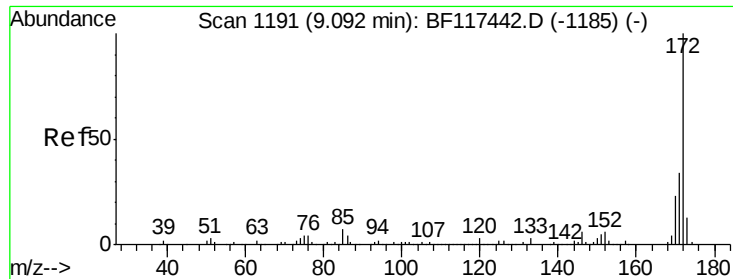
Abundance

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





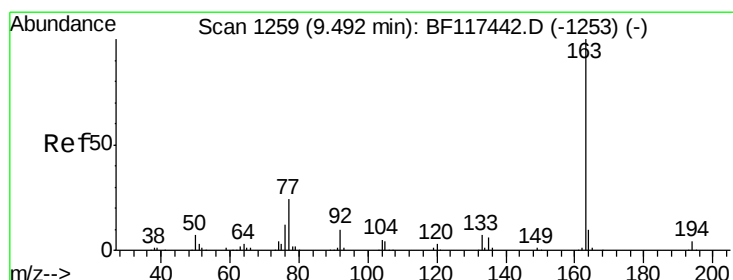
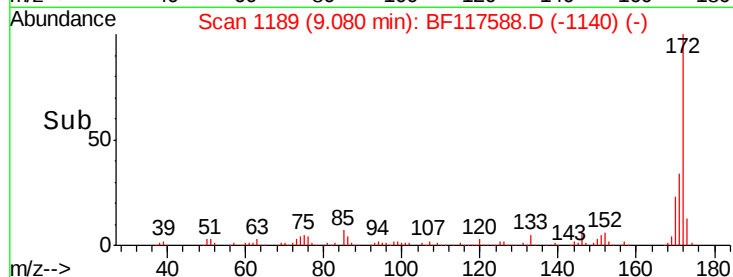
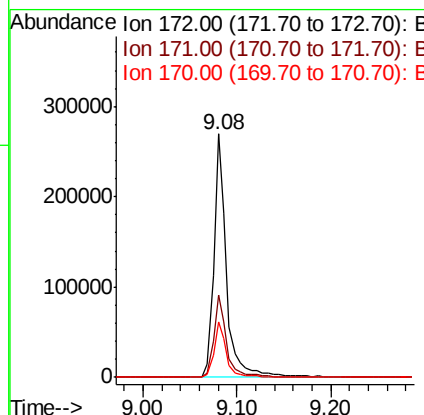
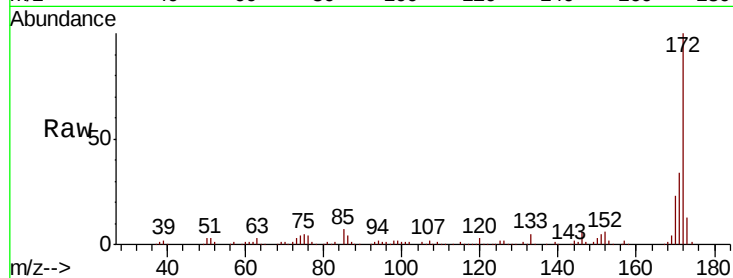
#45
2-Fluorobiphenyl
Concen: 58.388 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :
172-22-(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.5	41.3
170	22.9	18.6	27.8

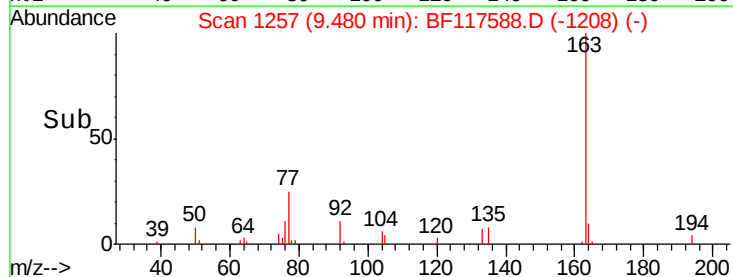
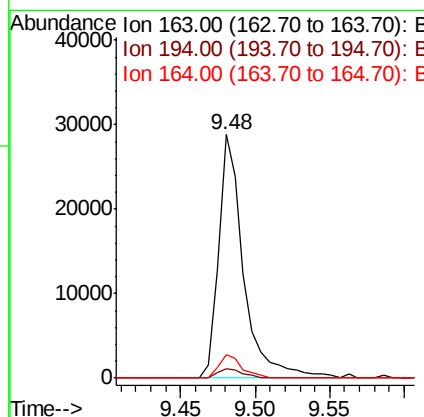
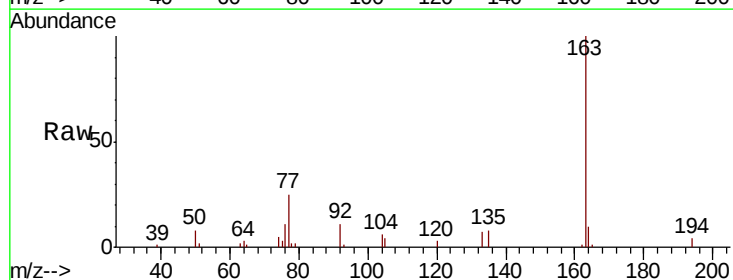
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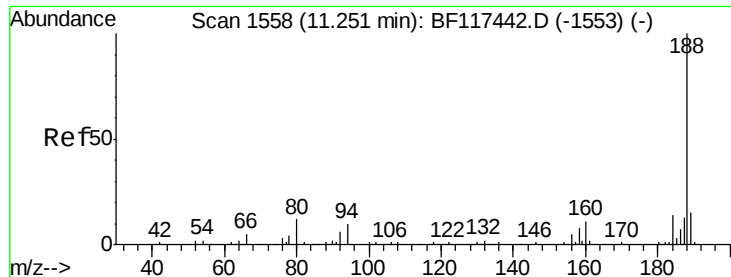
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#50
Dimethylphthalate
Concen: 7.584 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.7	8.2	12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117588.D

Acq: 29 Oct 2019 14:04

Instrument :

BNA_F

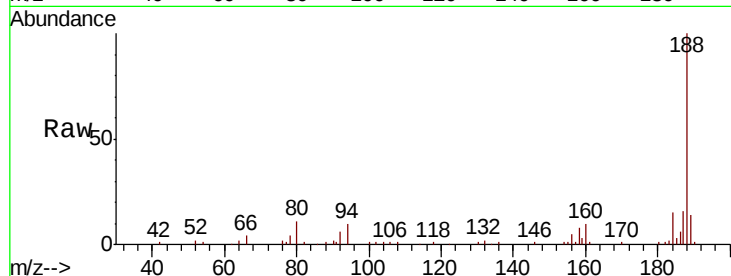
ClientSampleId :

172-22-(0-2)

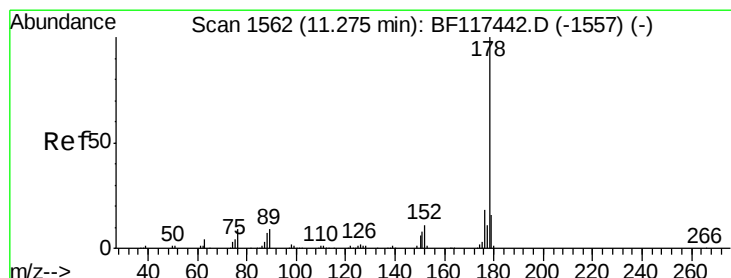
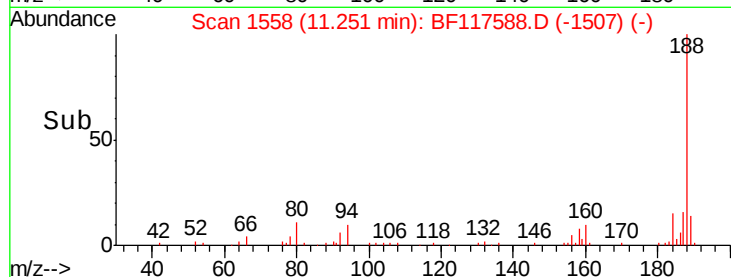
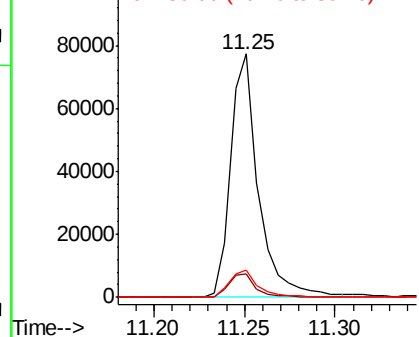
Tot Ion:	188	Resp:	82788
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.0	12.0
80	11.0	9.5	14.3

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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: 3.754 ng

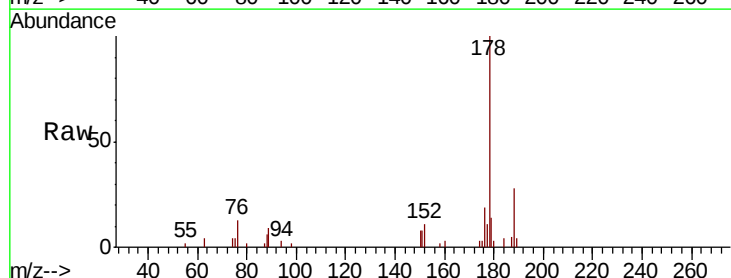
RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

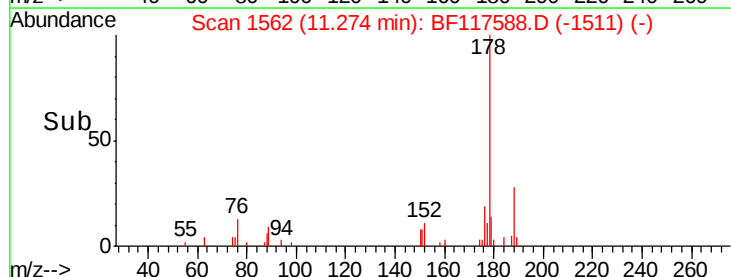
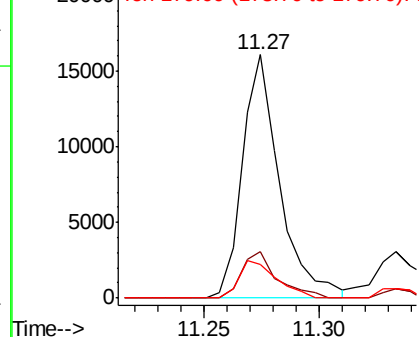
Lab File: BF117588.D

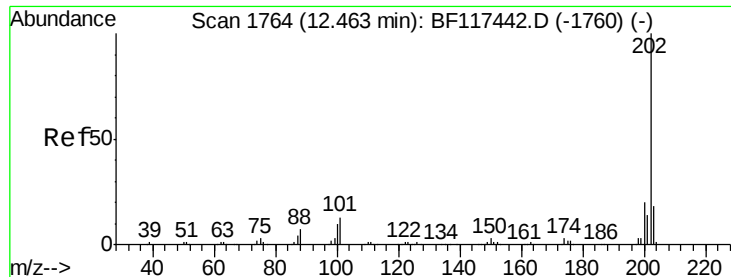
Acq: 29 Oct 2019 14:04

Tgt Ion:	178	Resp:	18046
Ion Ratio	Lower	Upper	
178	100		
176	18.9	14.6	22.0
179	13.9	12.6	19.0



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: 6.901 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117588.D

Acq: 29 Oct 2019 14:04

Instrument :

BNA_F

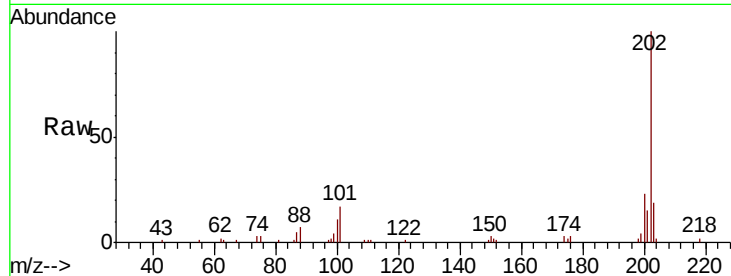
ClientSampleId :

172-22-(0-2)

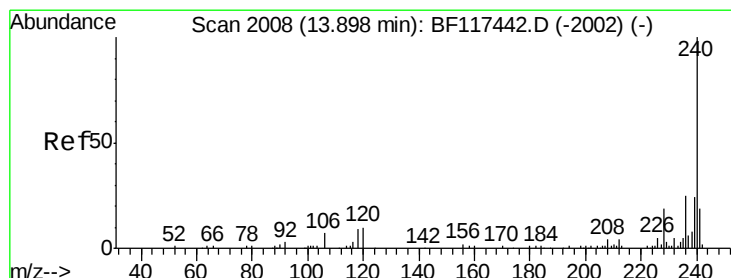
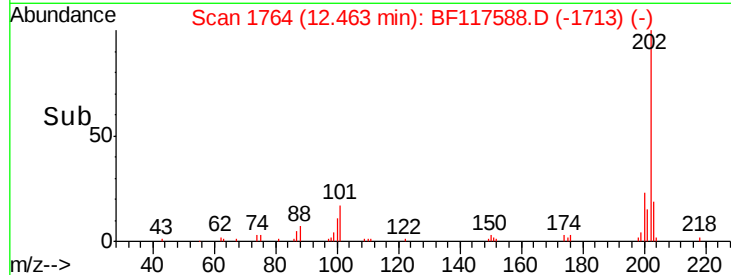
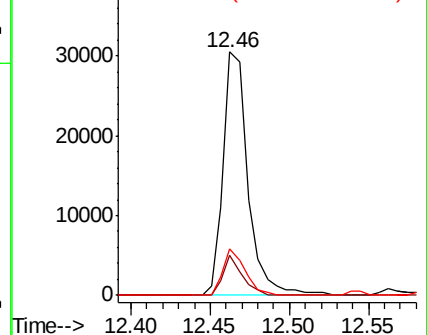
Tot Ion:	202	Resp:	33211
Ion Ratio	Lower	Upper	
202	100		
101	16.5	0.0	32.7
203	19.2	0.0	37.6

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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

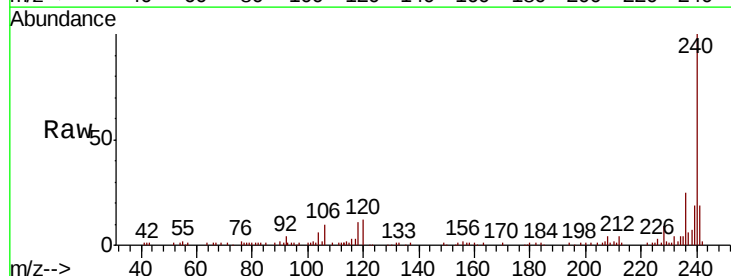
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

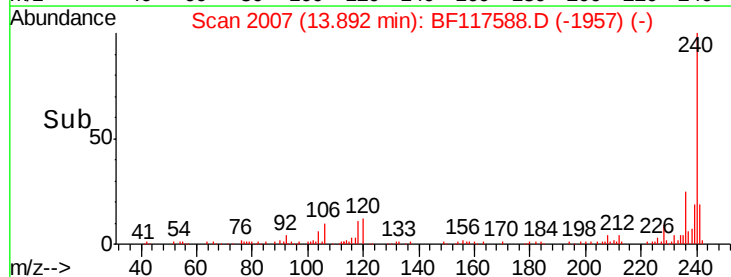
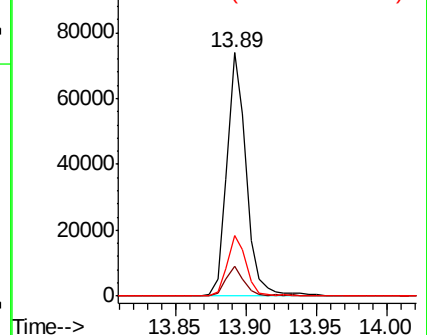
Lab File: BF117588.D

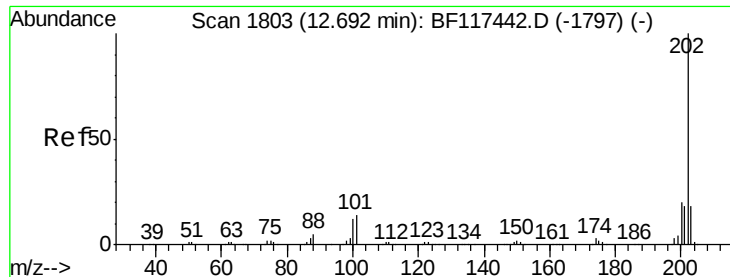
Acq: 29 Oct 2019 14:04

Tgt Ion:	240	Resp:	70413
Ion Ratio	Lower	Upper	
240	100		
120	12.3	8.4	12.6
236	24.7	20.0	30.0



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





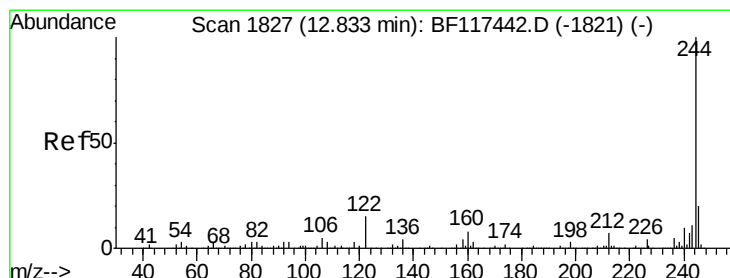
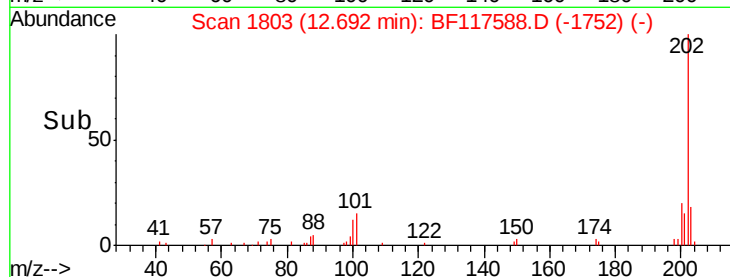
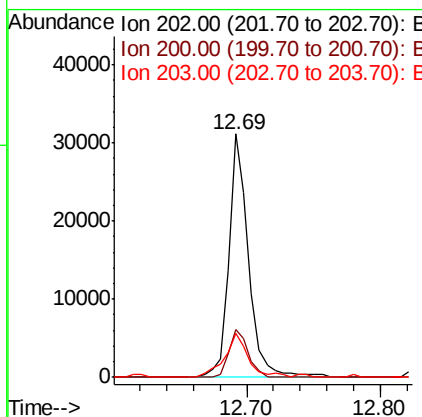
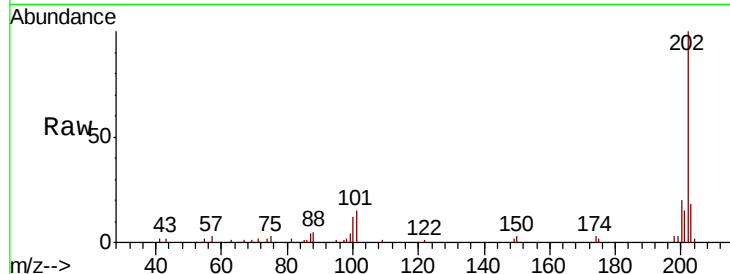
#78
 Pvrene
 Concen: 5.324 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: BF117588.D
 Acq: 29 Oct 2019 14:04

Instrument :
 BNA_F
 ClientSampleId :
 172-22-(0-2)

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.2	24.2
203	18.1	14.0	21.0

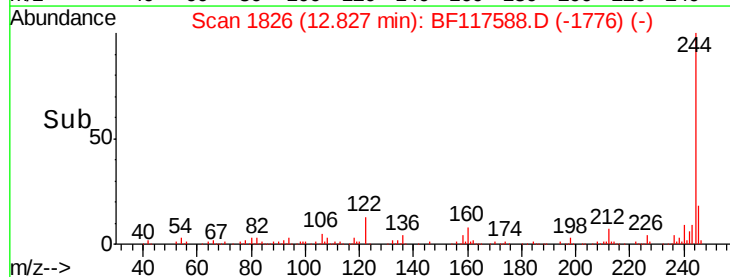
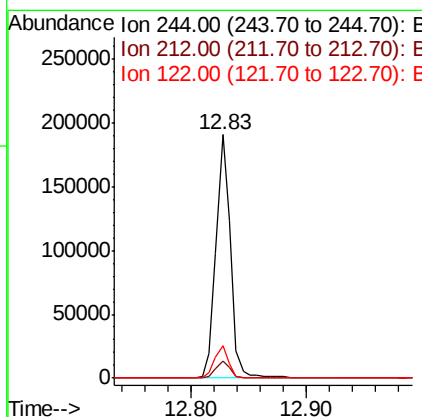
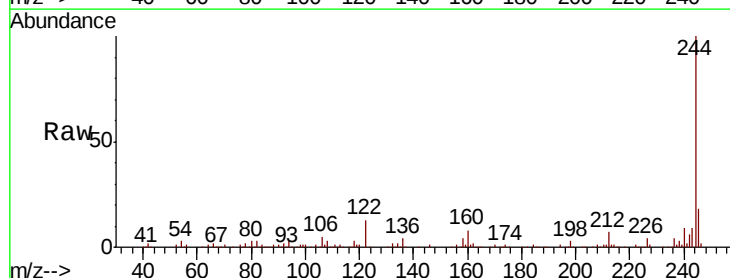
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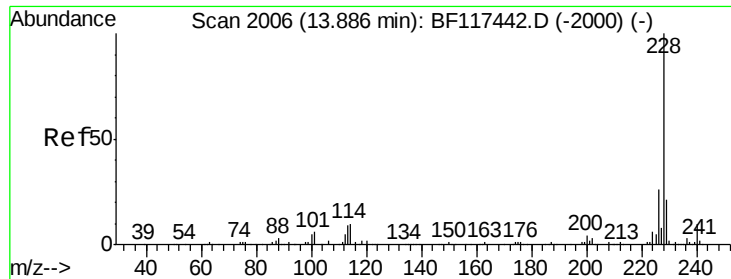
mohammad
 10/30/2019 4:52:55 PM



#79
 Terphenyl-d14
 Concen: 38.440 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117588.D
 Acq: 29 Oct 2019 14:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	13.3	11.8	17.8





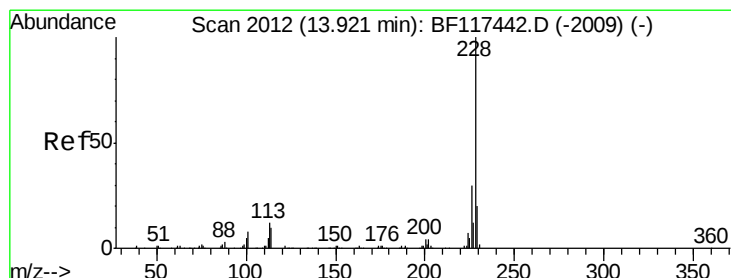
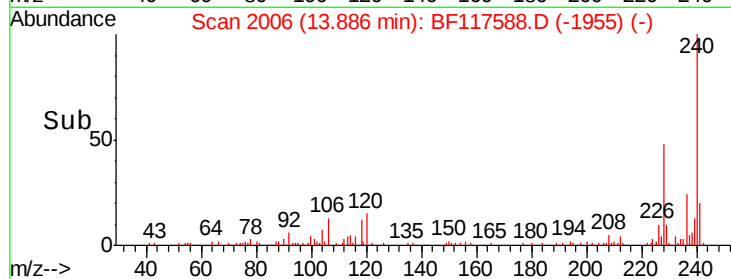
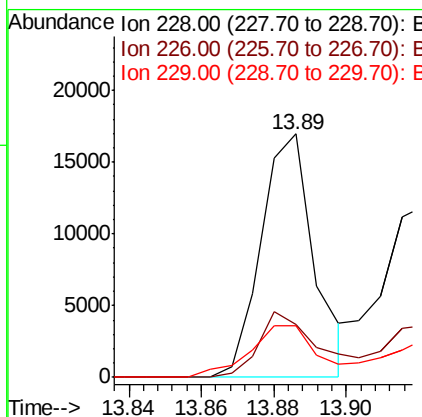
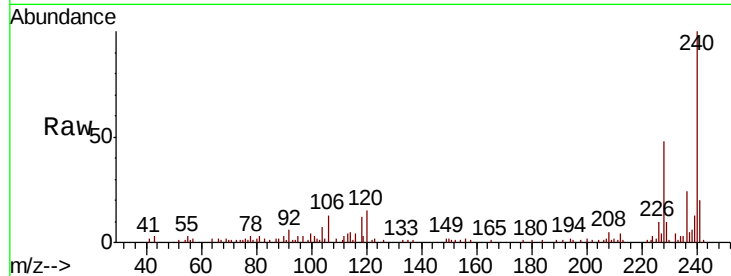
#81
Benzo(a)anthracene
Concen: 3.642 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :
172-22-(0-2)

Tot Ion:	228	Resp:	17300
Ion Ratio	Lower	Upper	
228	100		
226	21.9	21.0	31.4
229	21.0	16.4	24.6

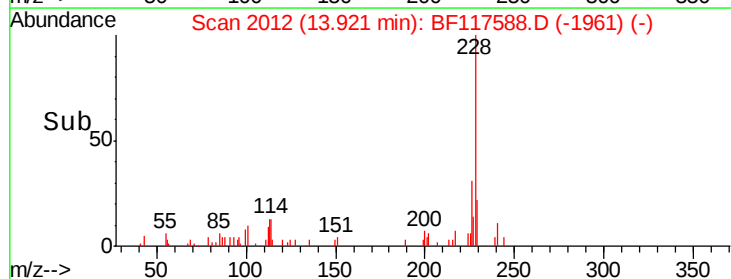
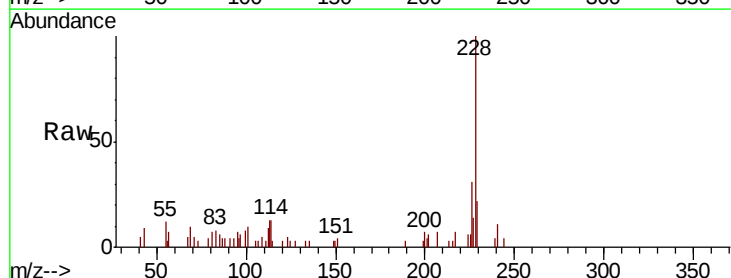
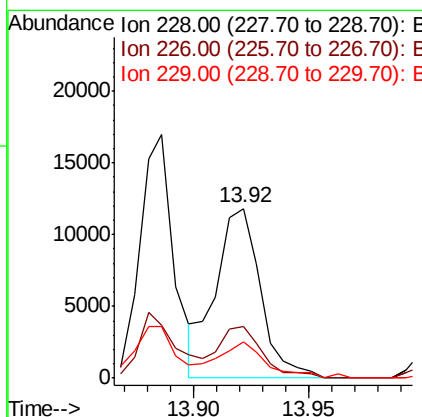
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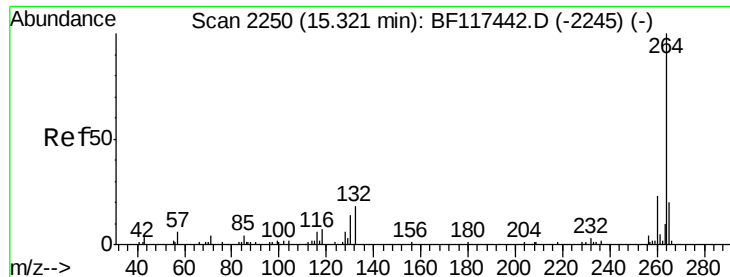
mohammad
10/30/2019 4:52:55 PM



#83
Chrysene
Concen: 3.433 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion:	228	Resp:	15981
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.9	35.9
229	21.6	15.8	23.6





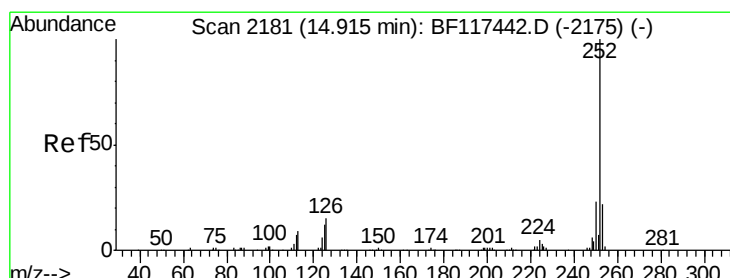
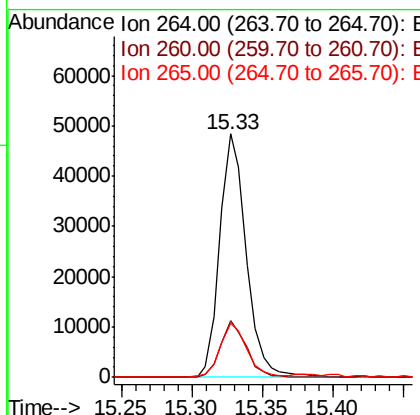
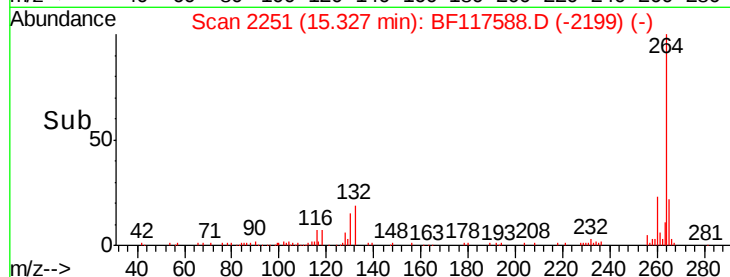
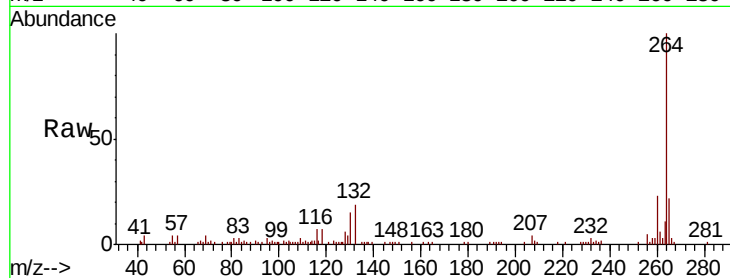
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Instrument :
BNA_F
ClientSampleId :
172-22-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	22.4	16.1	24.1

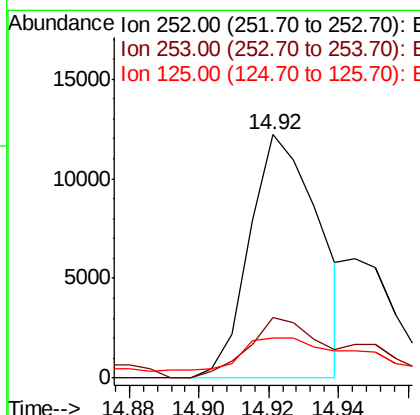
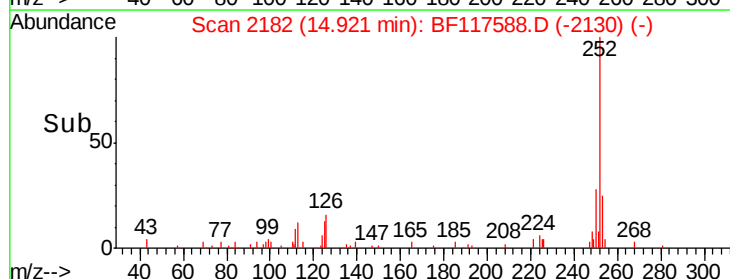
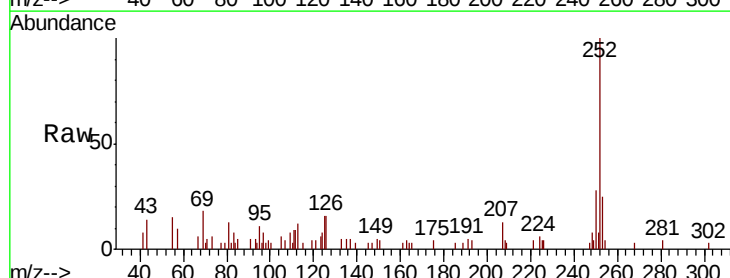
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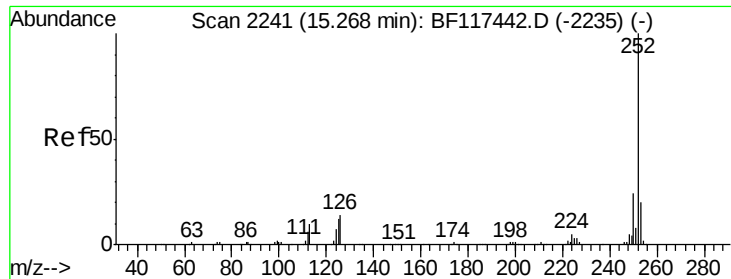
mohammad
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#88
Benzo(b)fluoranthene
Concen: 4.537 ng m
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117588.D
Acq: 29 Oct 2019 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	16.2	9.9	14.9#





#90
 Benzo(a)pyrene
 Concen: 3.532 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: BF117588.D
 Acq: 29 Oct 2019 14:04

Instrument :
 BNA_F
 ClientSampleId :
 172-22-(0-2)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.9	16.3	24.5#
125	14.1	9.2	13.8#

Manual Integrations
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