

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117622.D
 Acq On : 30 Oct 2019 14:12
 Operator : JU
 Sample : K5542-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 54-54-(0-1.2)

Manual Integrations
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Quant Time: Oct 31 02:11:06 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	37523	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	156324	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	73342	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	105413	20.00	ng	0.00
76) Chrysene-d12	13.89	240	79556	20.00	ng	0.00
87) Perylene-d12	15.33	264	72376	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	234604	93.02	ng	0.00
7) Phenol-d6	6.39	99	324190	95.70	ng	0.00
23) Nitrobenzene-d5	7.29	82	194080	61.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	52024	81.98	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	317650	61.02	ng	-0.01
79) Terphenyl-d14	12.83	244	248729	51.00	ng	0.00
Target Compounds						
10) Phenol	6.40	94	7858	2.273	ng	Qvalue 80
50) Dimethylphthalate	9.48	163	40690	7.782	ng	99
75) Fluoranthene	12.47	202	19992	3.263	ng	97
78) Pyrene	12.70	202	19131	2.800	ng	95
88) Benzo(b)fluoranthene	14.93	252	10741m	2.513	ng	
90) Benzo(a)pyrene	15.28	252	7832	2.016	ng	# 78

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

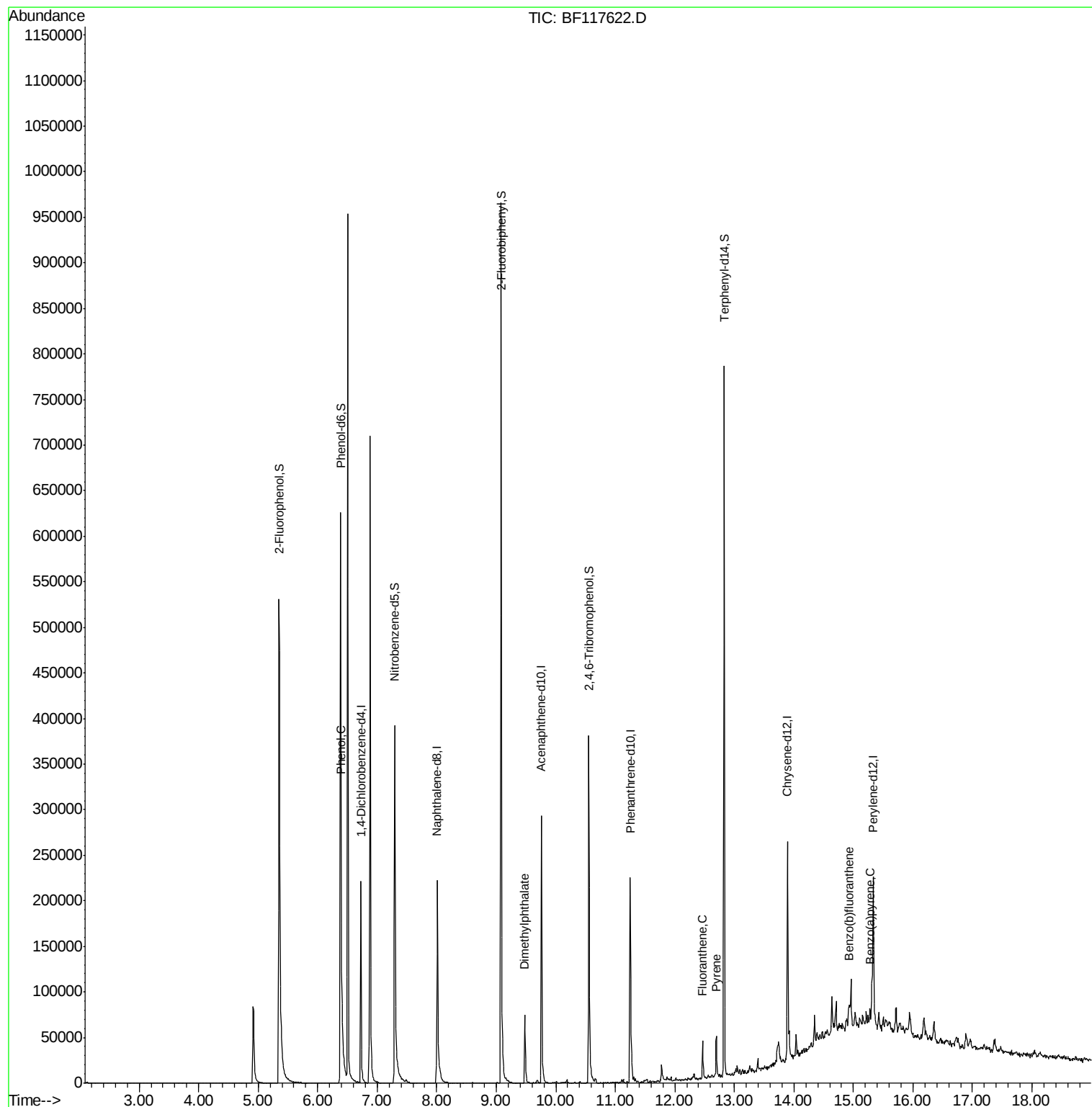
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

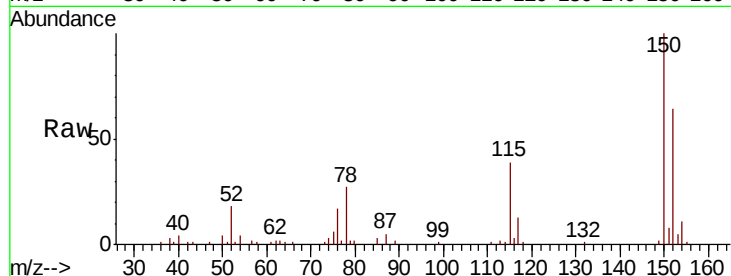
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Instrument :
BNA_F
ClientSampleId :
54-54-(0-1.2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.8	190.2
115	61.3	51.6	77.4

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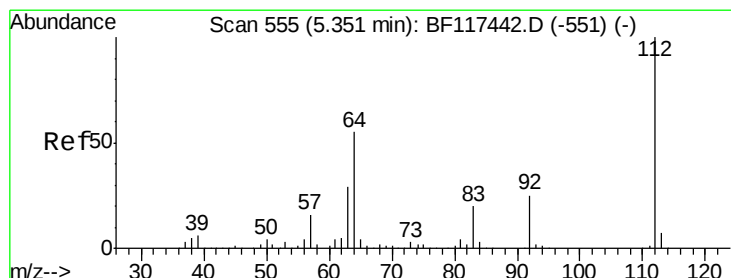
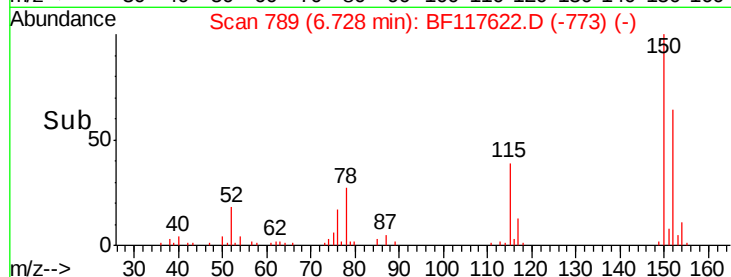
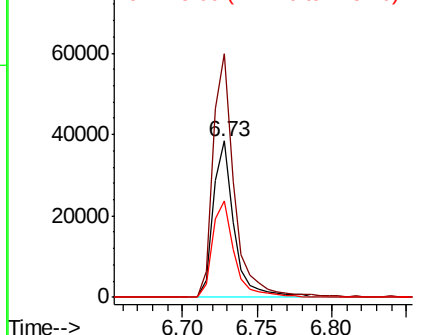


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

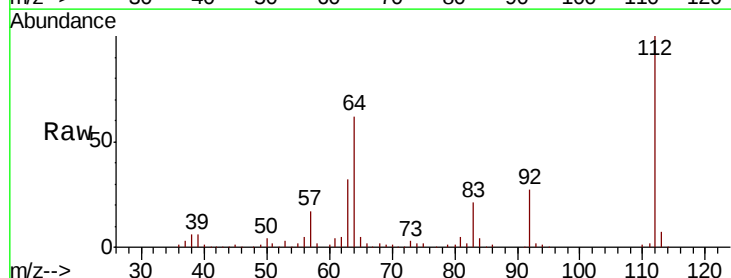
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.015 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.1	66.1
63	32.1	23.4	35.2

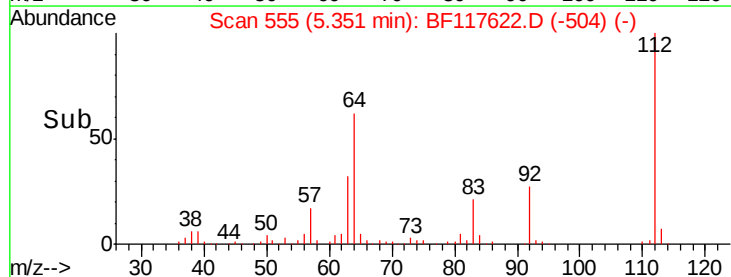
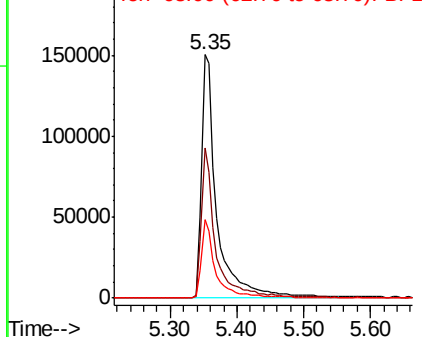


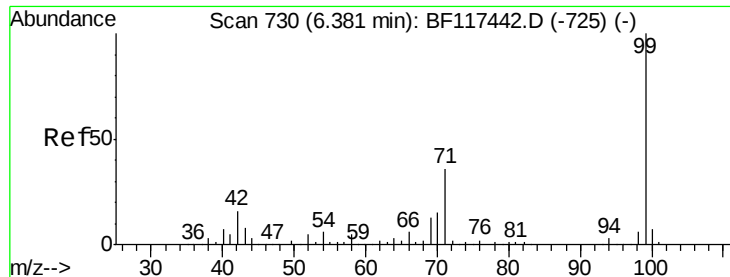
Abundance

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: 95.699 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117622.D

Acq: 30 Oct 2019 14:12

Instrument :

BNA_F

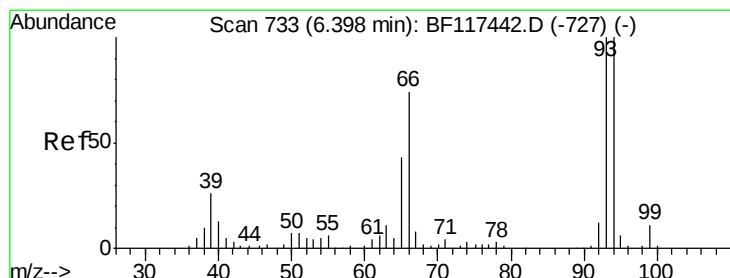
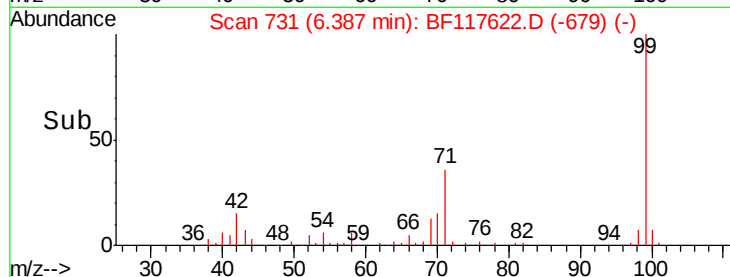
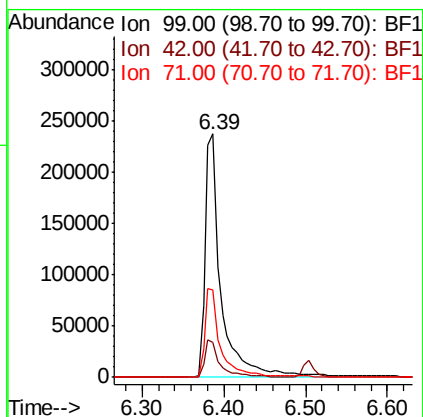
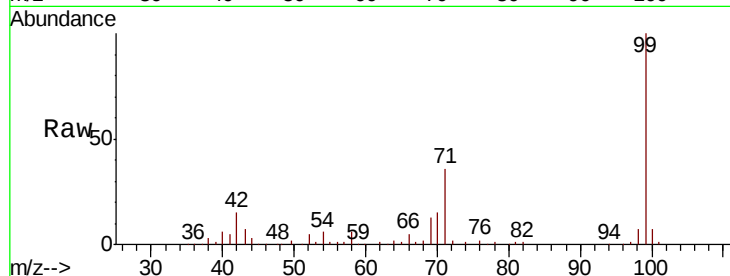
ClientSampleId :

54-54-(0-1.2)

Tot Ion:	99	Resp:	324190
Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.8	19.2
71	35.7	28.6	43.0

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#10

Phenol

Concen: 2.273 ng

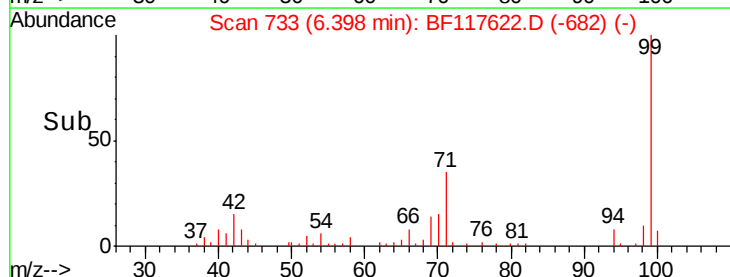
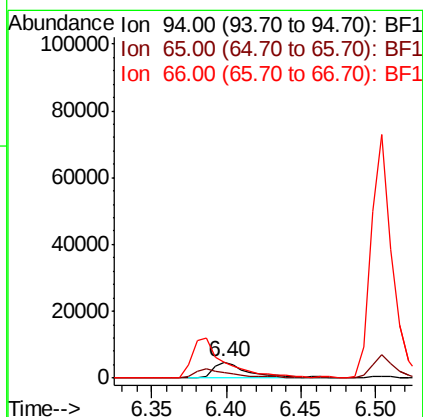
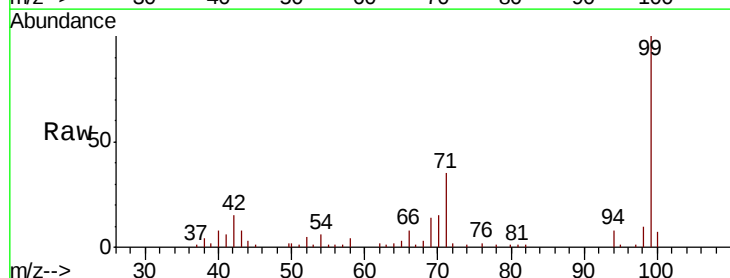
RT: 6.40 min Scan# 733

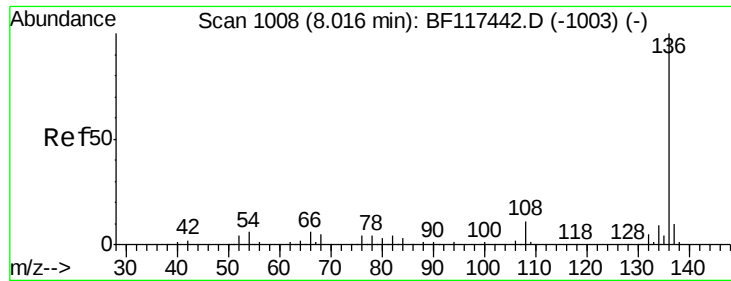
Delta R.T. -0.00 min

Lab File: BF117622.D

Acq: 30 Oct 2019 14:12

Tgt Ion:	94	Resp:	7858
Ion	Ratio	Lower	Upper
94	100		
65	34.9	23.4	63.4
66	94.4	54.7	94.7





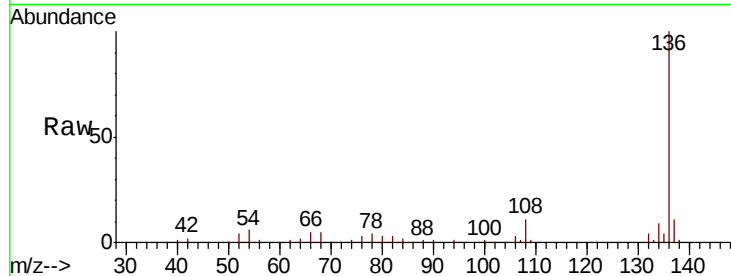
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Instrument :
BNA_F
ClientSampleId :
54-54-(0-1.2)

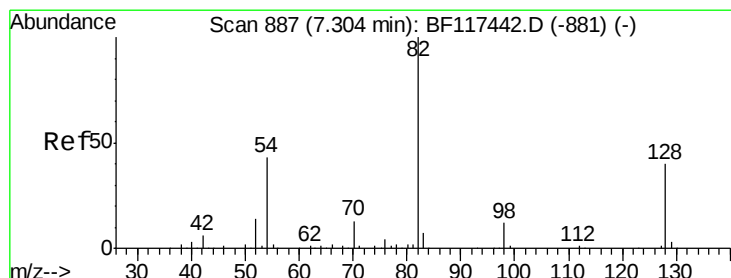
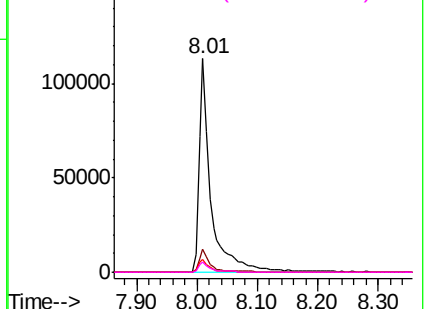
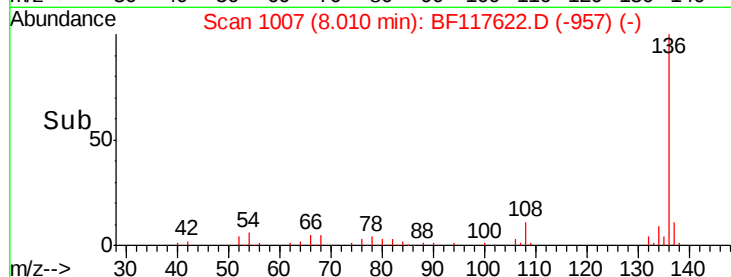
Tot Ion	Ratio	Resp	Lower	Upper
136	100	156324		
137	10.9		8.2	12.4
54	5.9		4.5	6.7
68	4.9		4.3	6.5

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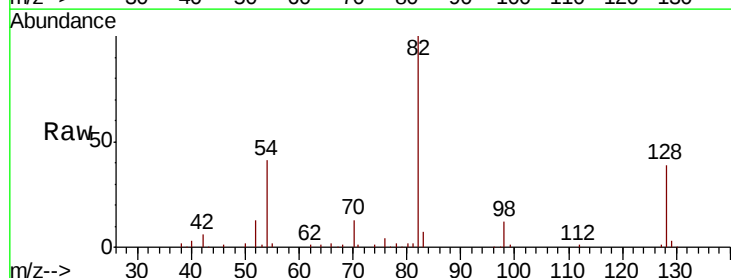


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

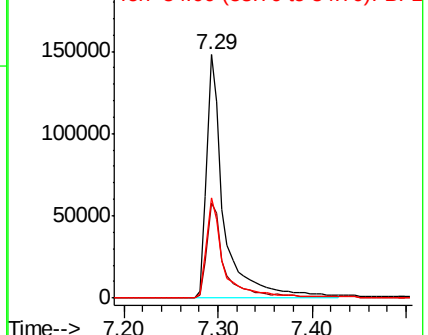
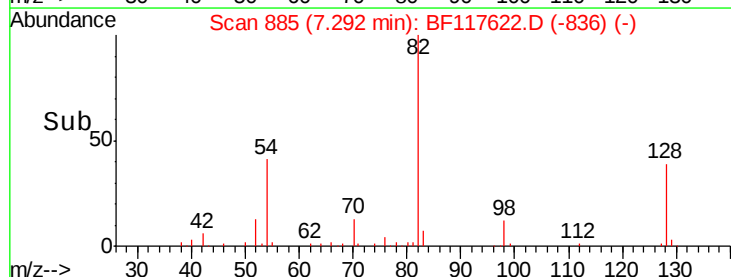


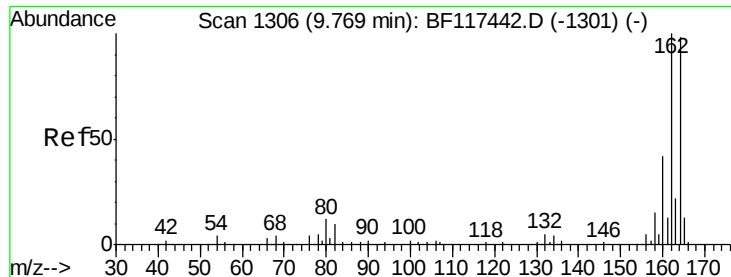
#23
Nitrobenzene-d5
Concen: 61.291 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	194080		
128	39.3		32.2	48.2
54	40.9		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





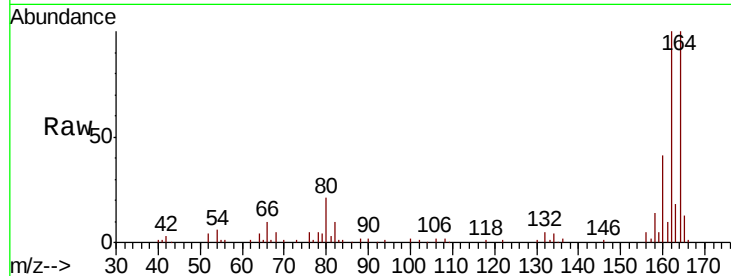
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Instrument :
BNA_F
ClientSampleId :
54-54-(0-1.2)

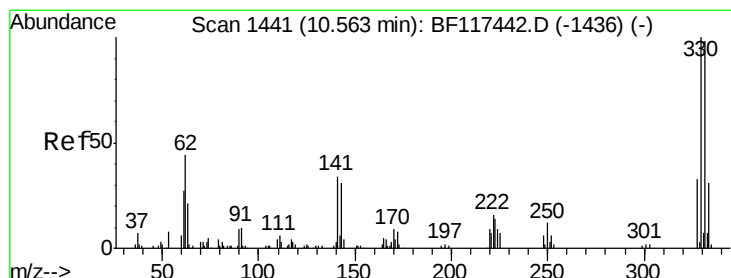
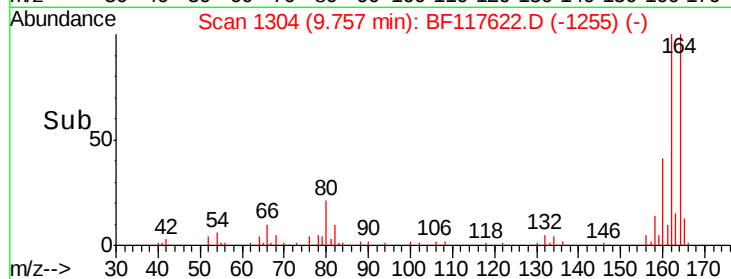
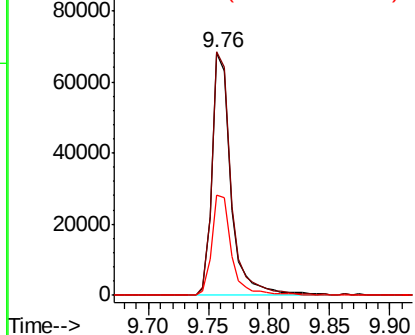
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.8	122.6
160	41.5	34.4	51.6

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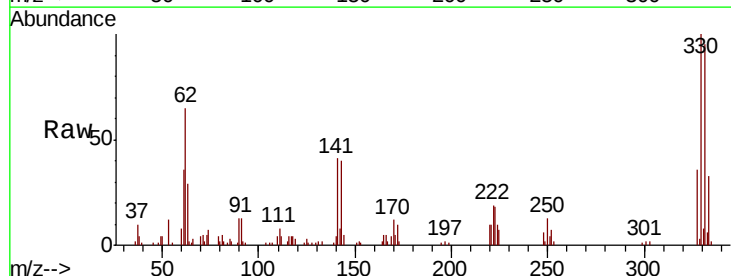


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

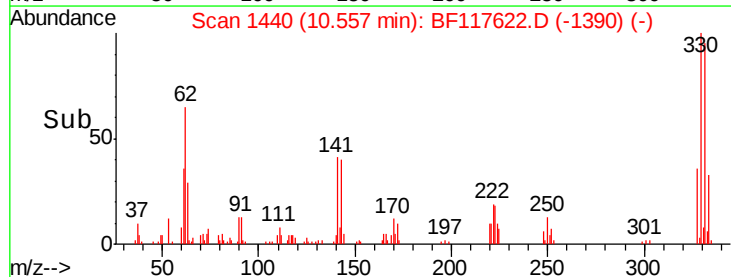
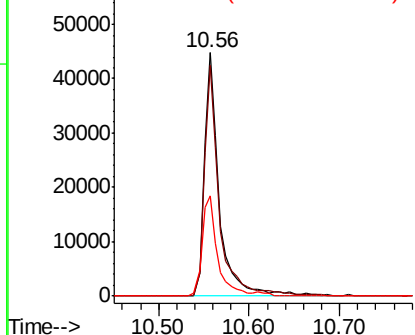


#42
2,4,6-Tribromophenol
Concen: 81.980 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.8	78.5	117.7
141	41.8	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





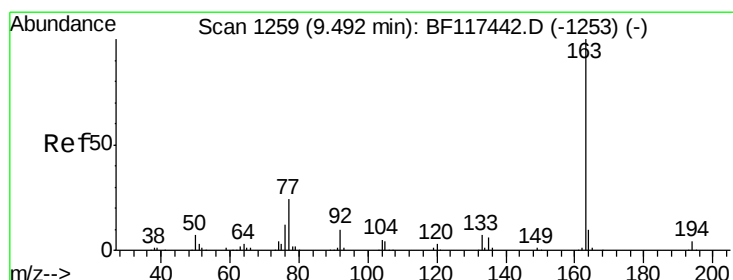
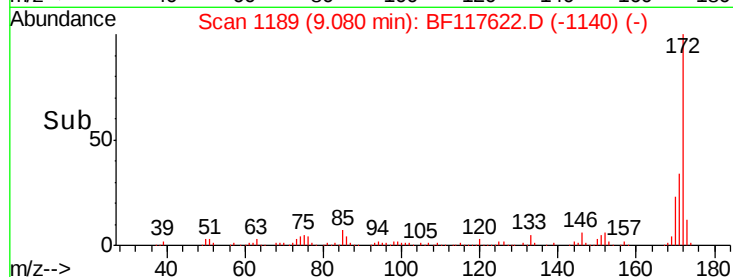
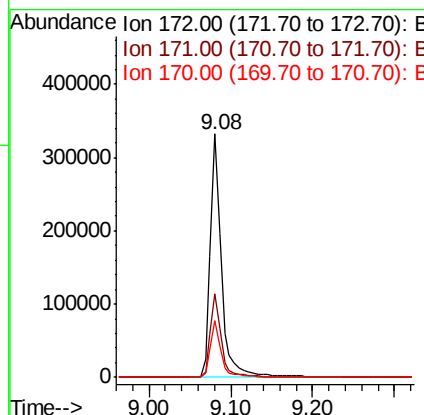
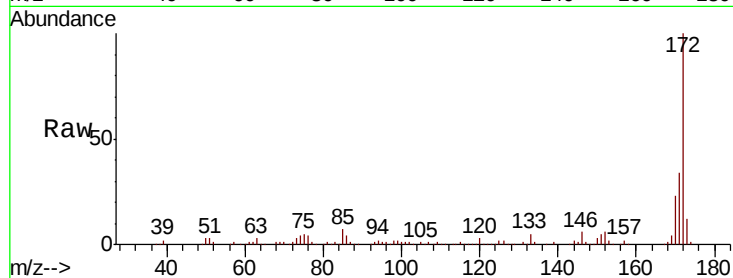
#45
2-Fluorobiphenyl
Concen: 61.024 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Instrument :
BNA_F
ClientSampleId :
54-54-(0-1.2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.5	41.3
170	23.5	18.6	27.8

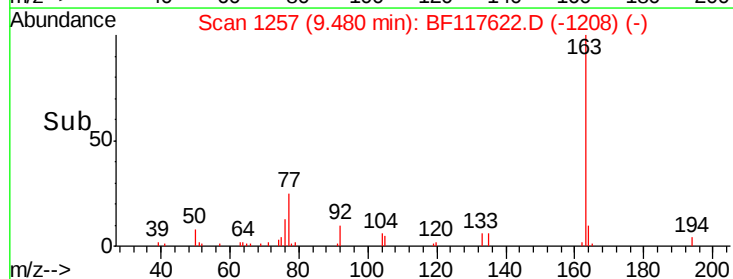
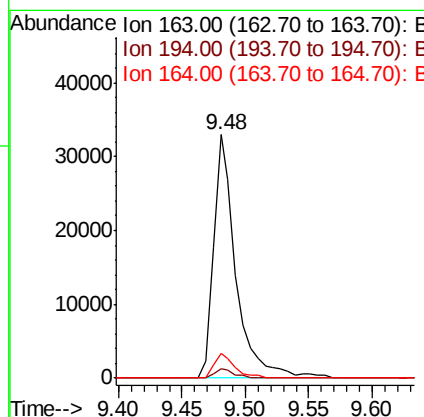
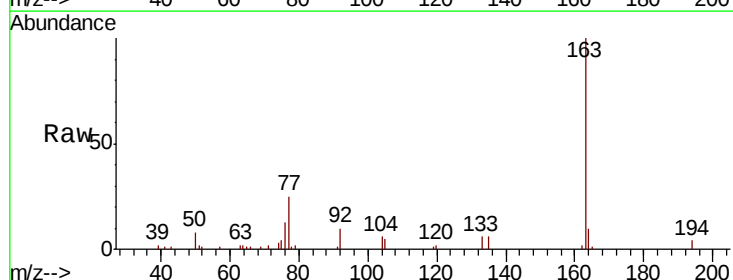
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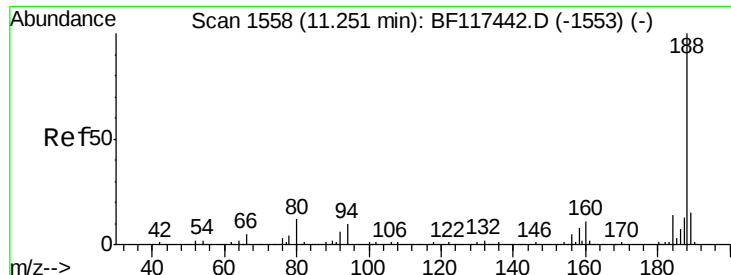
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#50
Dimethylphthalate
Concen: 7.782 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.9	4.3
164	10.4	8.2	12.2





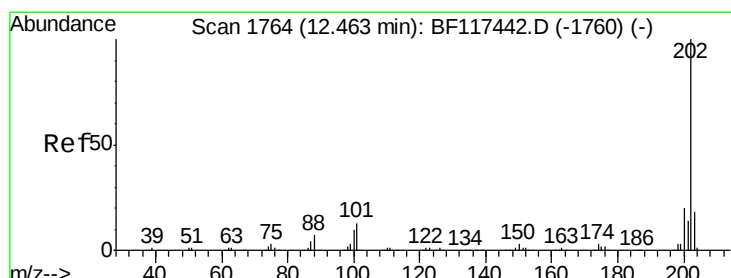
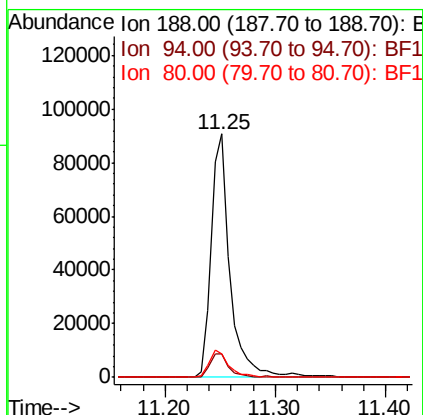
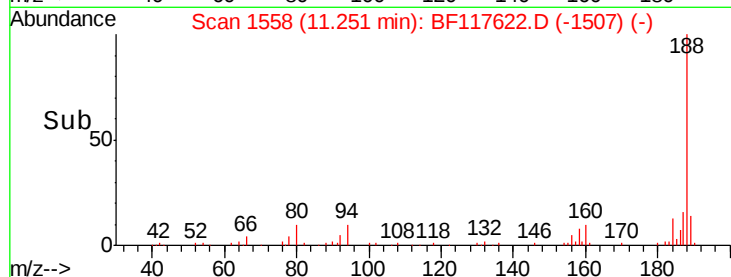
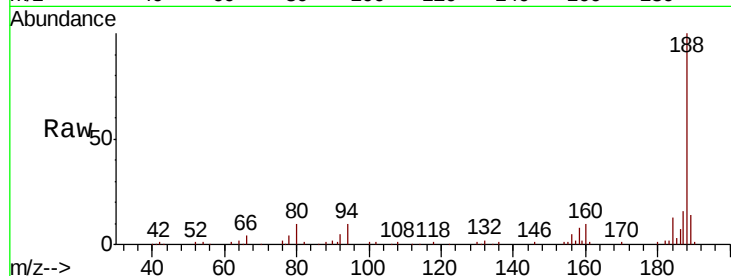
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Instrument :
BNA_F
ClientSampleId :
54-54-(0-1.2)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	8.0	12.0
80	9.8	9.5	14.3

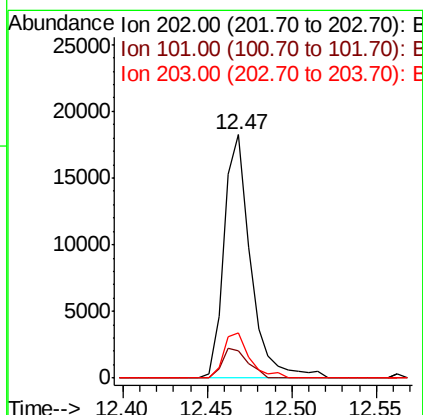
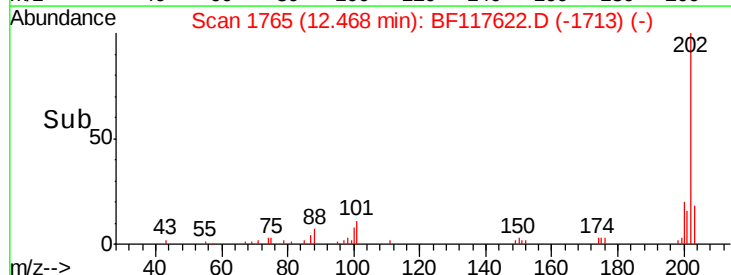
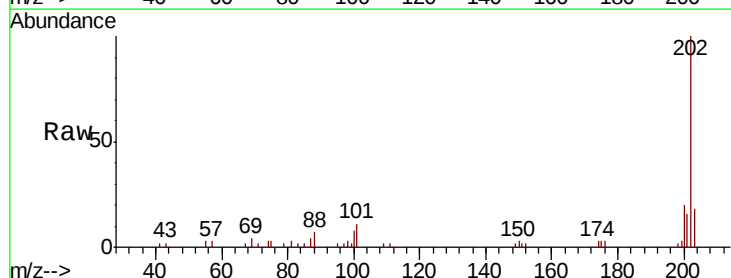
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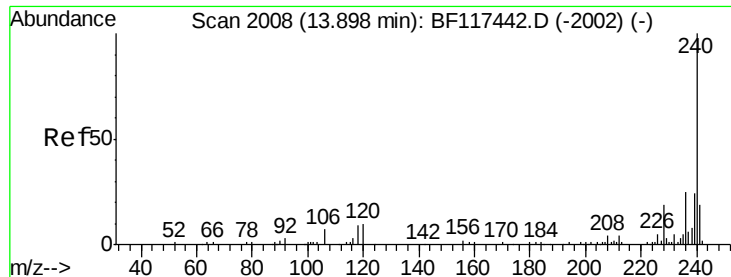
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#75
Fluoranthene
Concen: 3.263 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	32.7
203	18.4	0.0	37.6





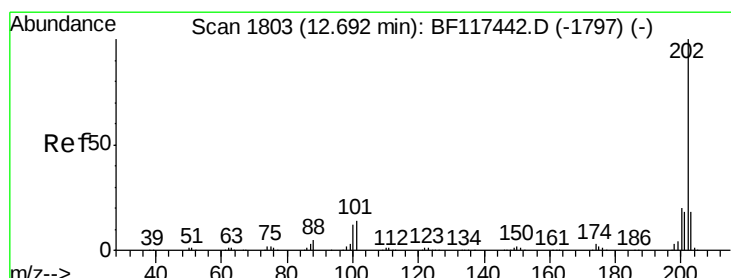
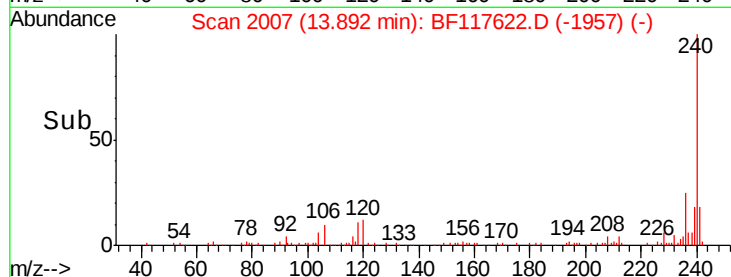
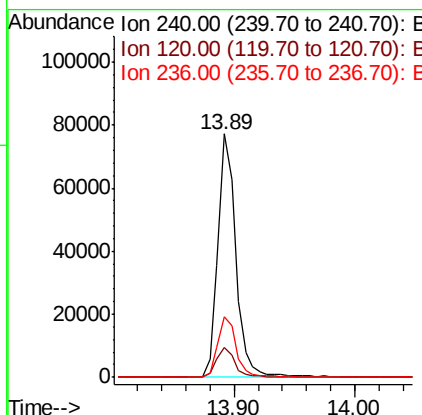
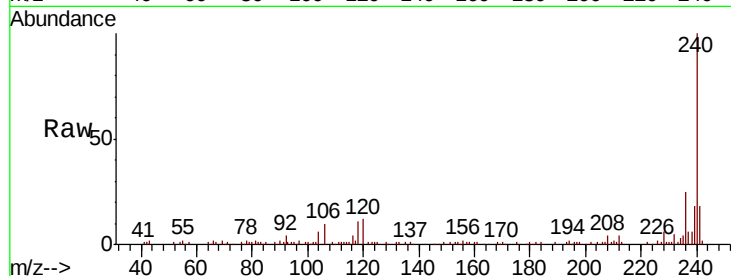
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Instrument :
BNA_F
ClientSampleId :
54-54-(0-1.2)

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.4	12.6
236	25.1	20.0	30.0

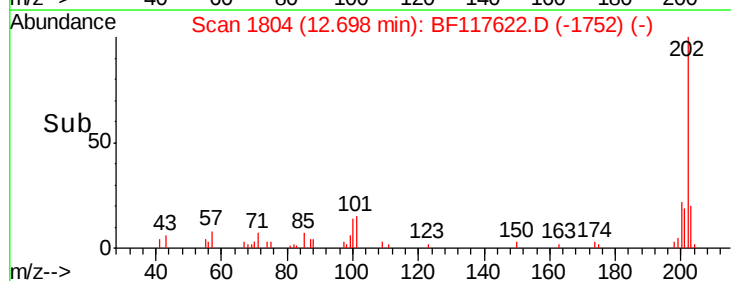
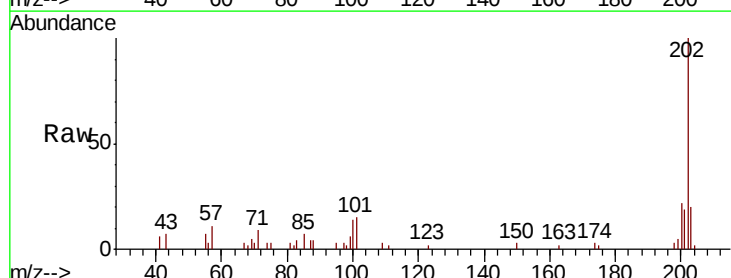
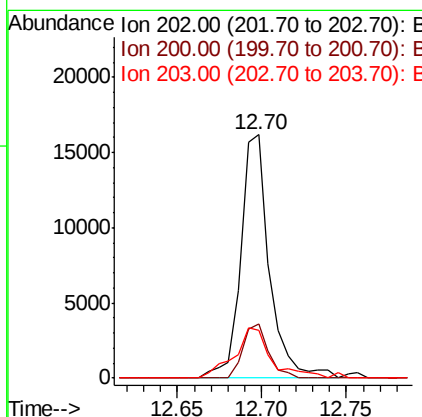
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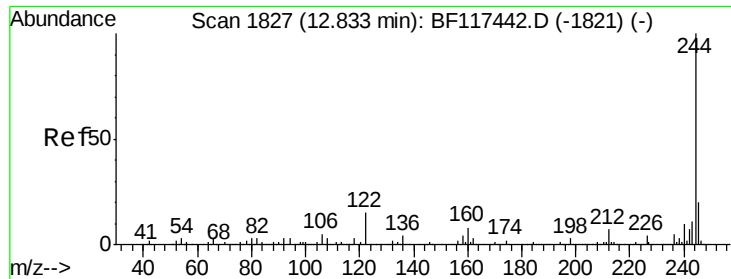
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#78
Pyrene
Concen: 2.800 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.2	24.2
203	19.5	14.0	21.0





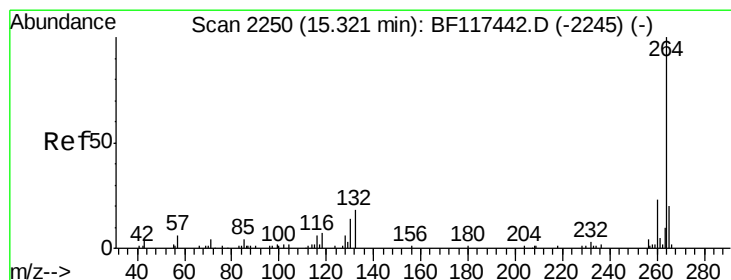
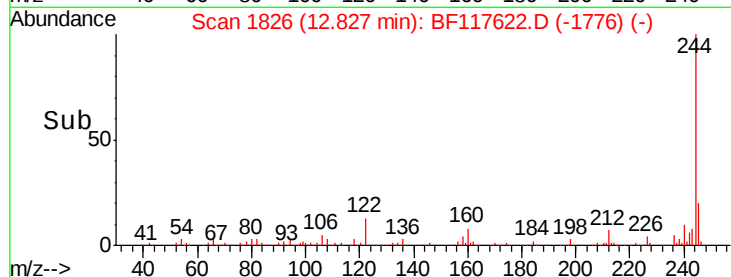
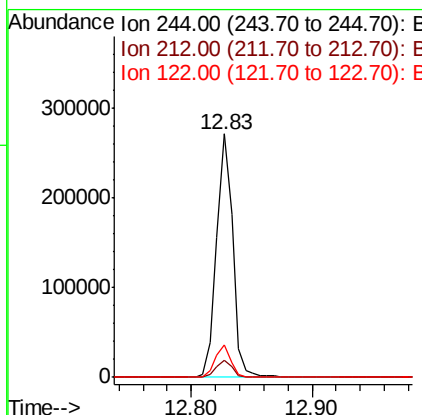
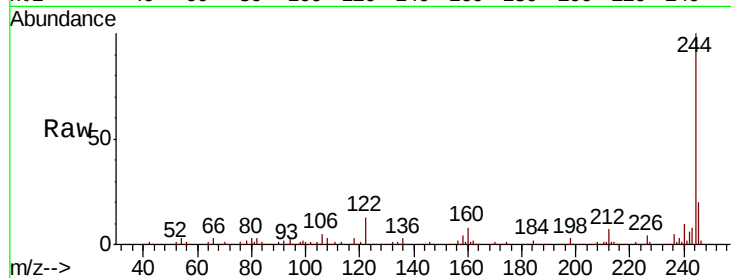
#79
 Terphenyl-d14
 Concen: 50.996 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117622.D
 Acq: 30 Oct 2019 14:12

Instrument :
 BNA_F
 ClientSampleId :
 54-54-(0-1.2)

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

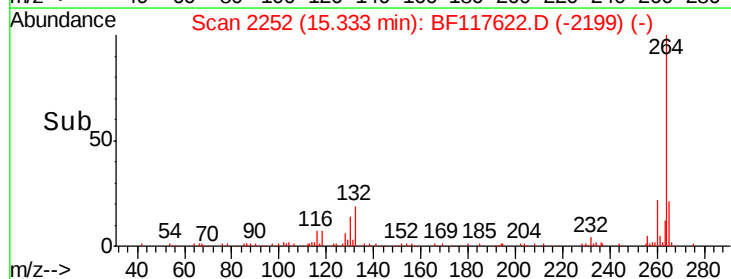
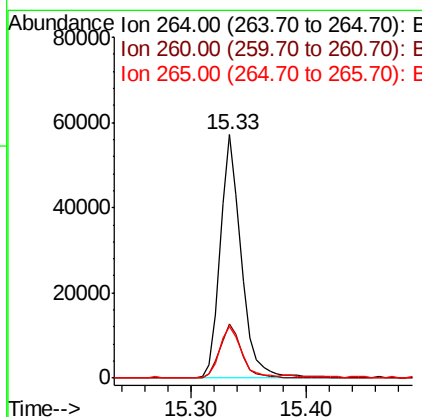
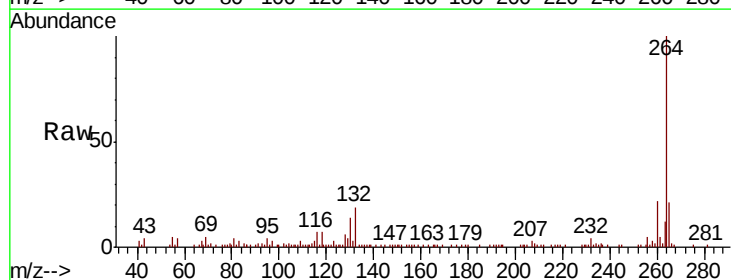
Manual Integrations
 APPROVED

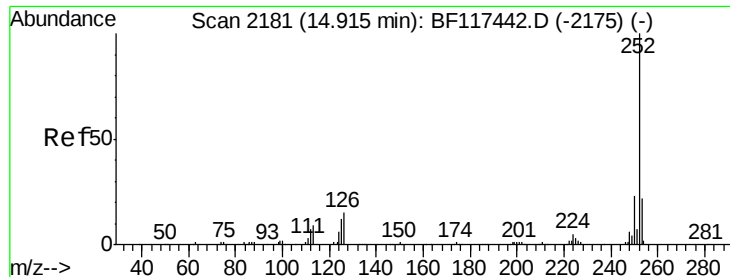
mohammad
 10/31/2019 3:10:36 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117622.D
 Acq: 30 Oct 2019 14:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.4	27.6
265	21.4	16.1	24.1





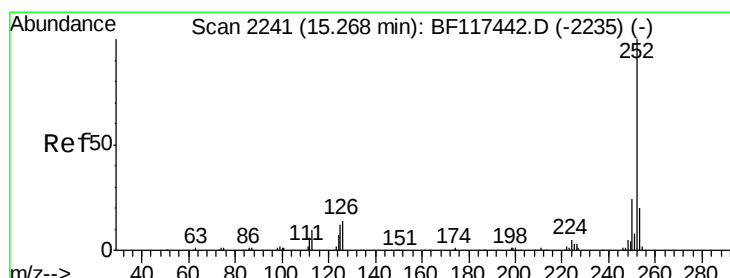
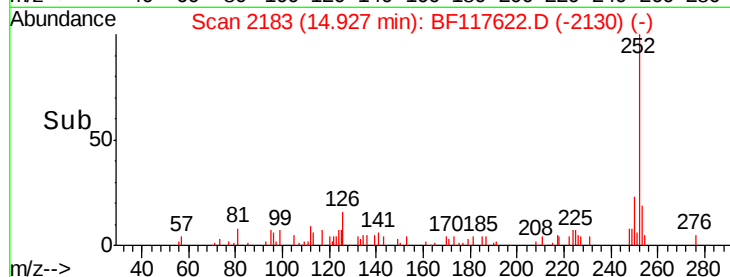
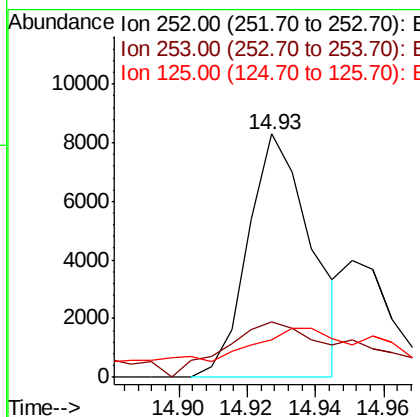
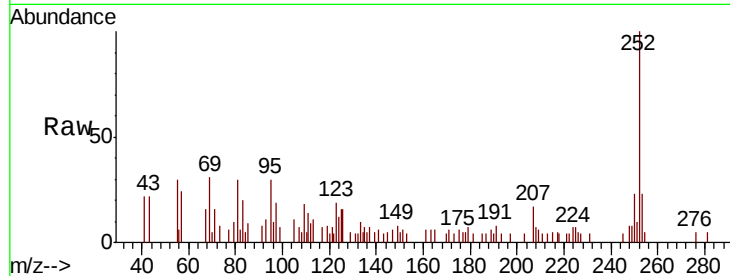
#88
Benzo(b)fluoranthene
Concen: 2.513 ng m
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Instrument :
BNA_F
ClientSampleId :
54-54-(0-1.2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	15.7	9.9	14.9#

Manual Integrations
APPROVED

mohammad
10/31/2019 3:10:36 PM



#90
Benzo(a)pyrene
Concen: 2.016 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117622.D
Acq: 30 Oct 2019 14:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	16.3	24.5#
125	23.1	9.2	13.8#

