

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117420.D
 Acq On : 16 Oct 2019 18:13
 Operator : JU
 Sample : K5326-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SO-101019

Manual Integrations
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 10/18/2019 8:26:35 AM

Quant Time: Oct 17 01:27:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	43713	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	174096	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	92198	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	158820	20.00	ng	0.00
76) Chrysene-d12	13.96	240	138885	20.00	ng	0.00
87) Perylene-d12	15.42	264	138158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	376360	132.47	ng	0.00
7) Phenol-d6	6.44	99	488489	129.59	ng	0.00
23) Nitrobenzene-d5	7.36	82	328196	95.56	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	115961	154.54	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	584073	92.36	ng	0.00
79) Terphenyl-d14	12.90	244	681628	80.01	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	138089	15.882	ng	99
37) 2-Methylnaphthalene	8.79	142	13465m	2.293	ng	
38) 1-Methylnaphthalene	8.89	142	14724	2.662	ng	97
52) Acenaphthene	9.86	154	10614	2.029	ng	95
71) Phenanthrene	11.34	178	23227	2.474	ng	94
73) Carbazole	11.55	167	75737	8.603	ng	99

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

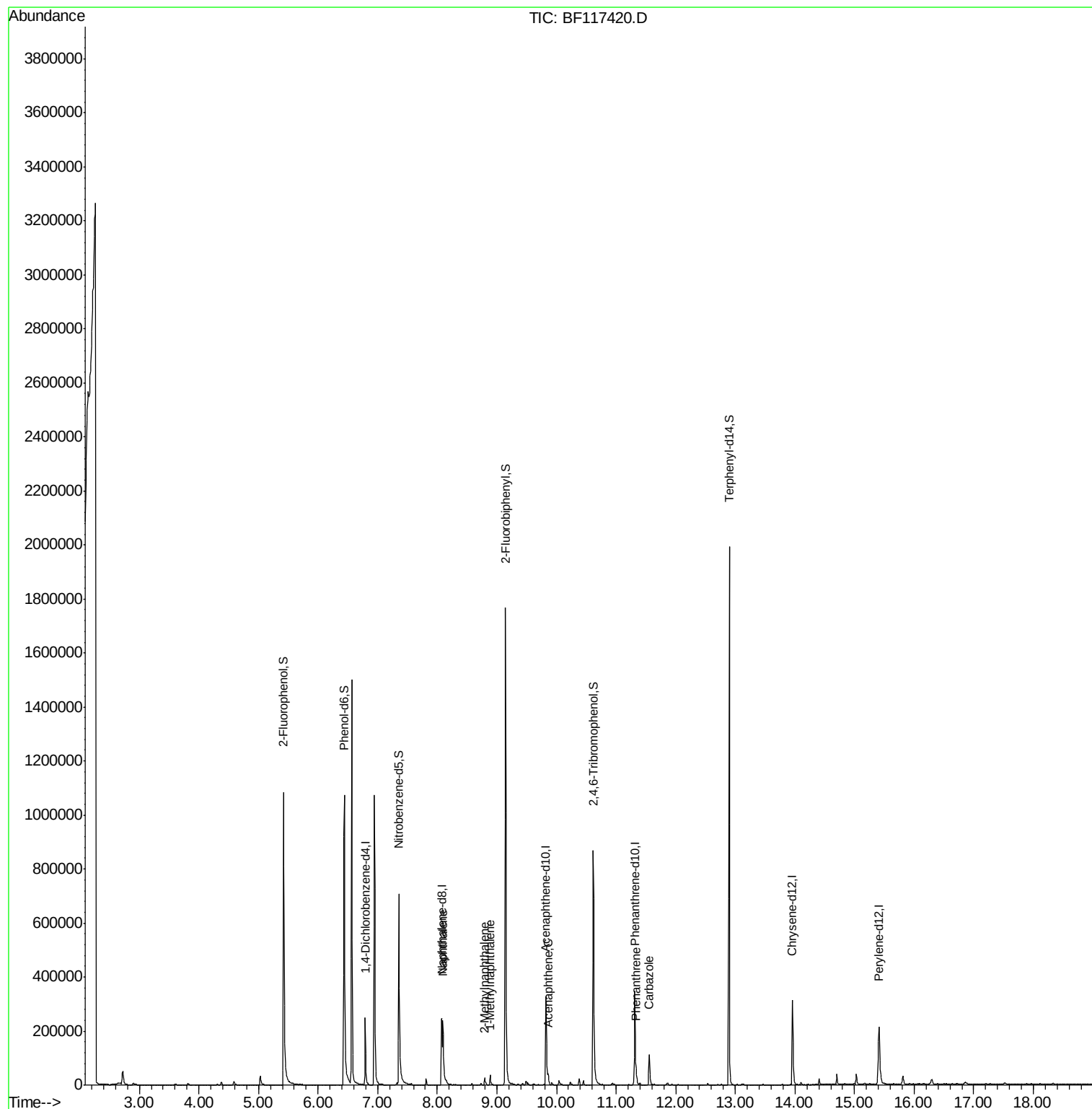
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
Data File : BF117420.D
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Operator : JU
Sample : K5326-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

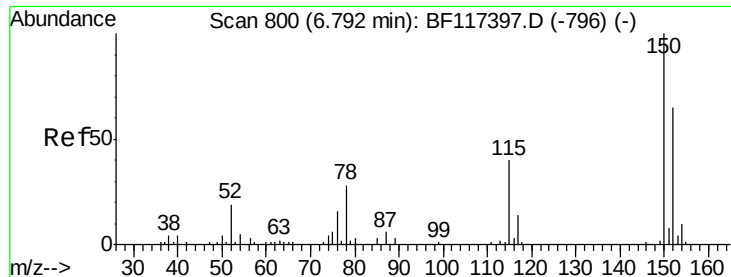
Instrument :
BNA_F
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IDW-SO-101019

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#1

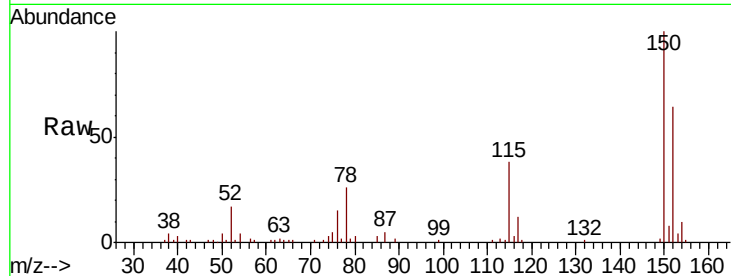
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117420.D
Acq: 16 Oct 2019 18:13

Instrument :
BNA_F
ClientSampleId :
IDW-SO-101019

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.7	184.1
115	59.7	48.6	73.0

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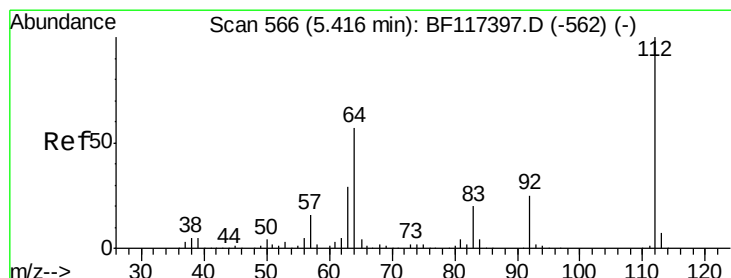
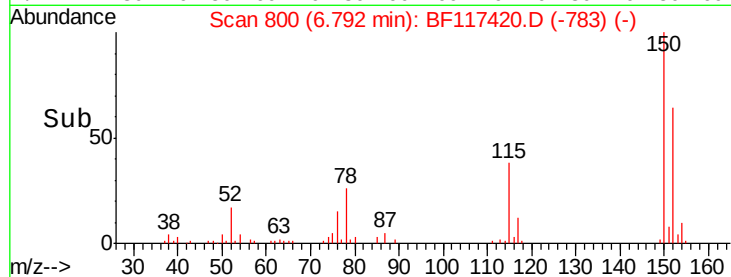
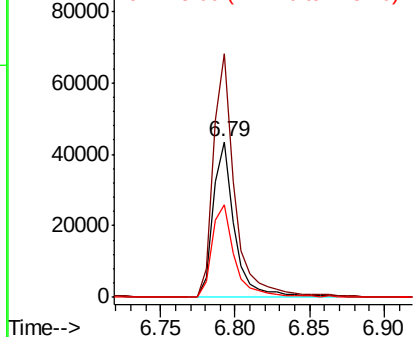


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

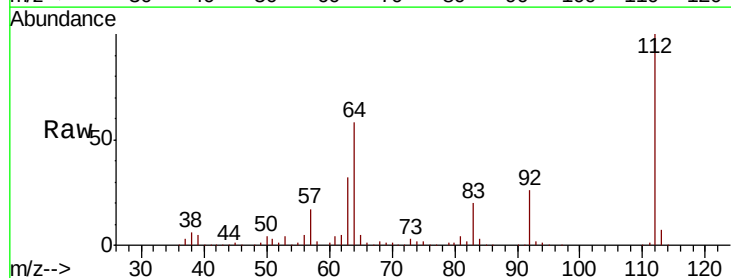
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.473 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF117420.D
Acq: 16 Oct 2019 18:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.2	67.8
63	31.9	23.4	35.2

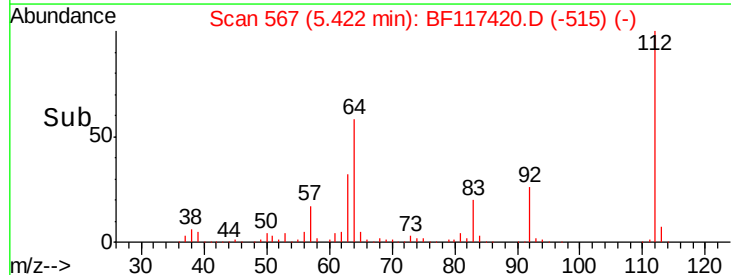
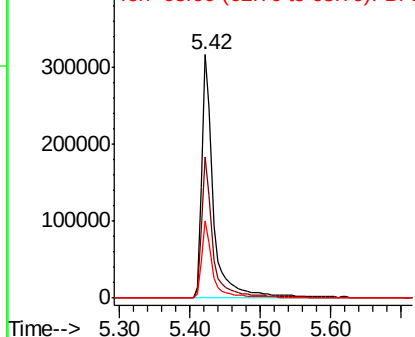


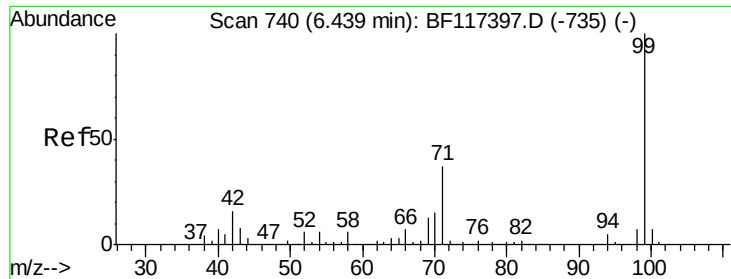
Abundance

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: 129.590 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117420.D

Acq: 16 Oct 2019 18:13

Instrument :

BNA_F

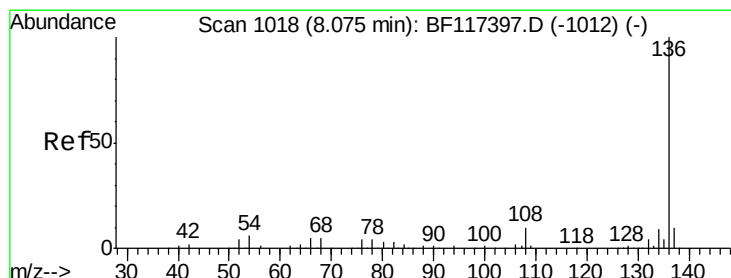
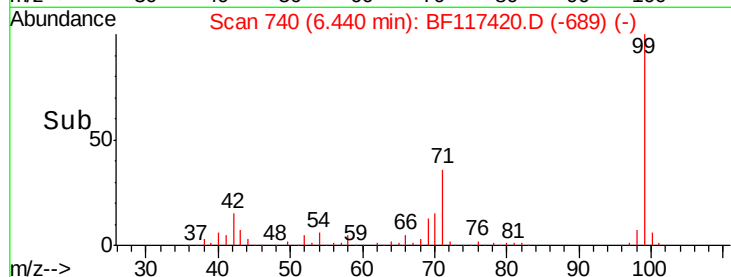
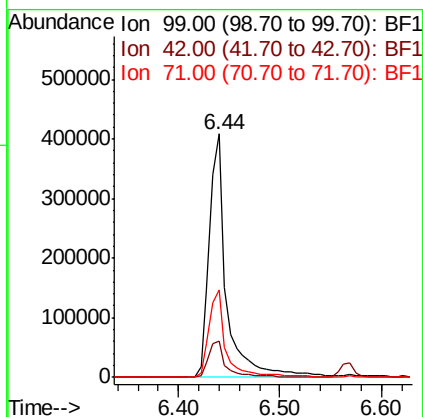
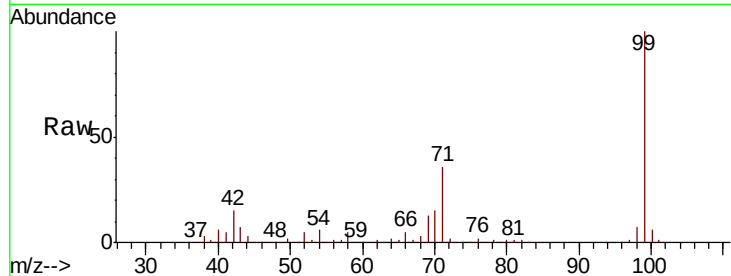
ClientSampleId :

IDW-SO-101019

Tot Ion:	99	Resp:	488489
Ion Ratio	Lower	Upper	
99	100		
42	14.8	12.5	18.7
71	35.9	29.2	43.8

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#21

Naphthalene-d8

Concen: 20.000 ng

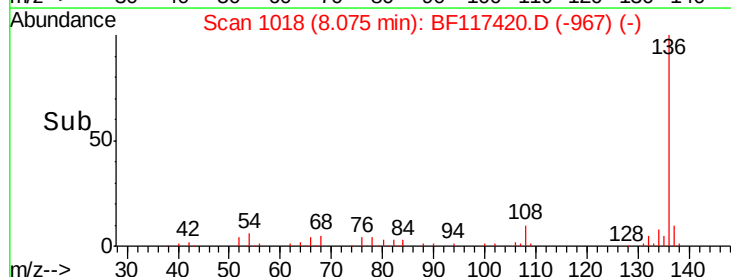
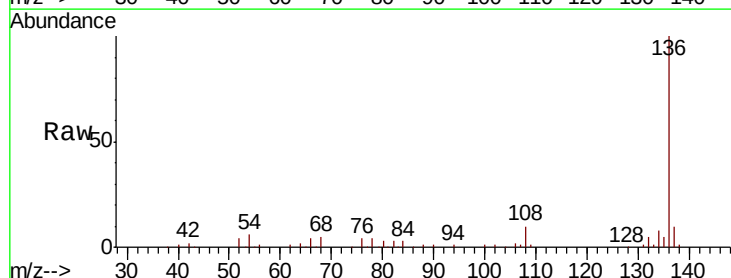
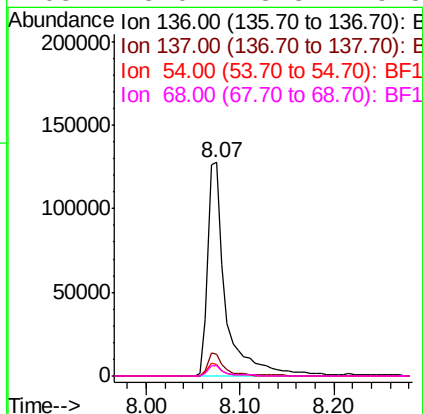
RT: 8.07 min Scan# 1018

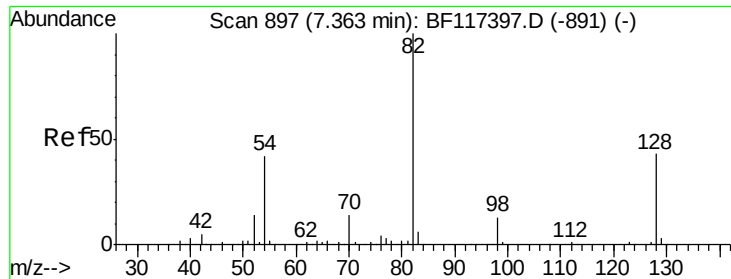
Delta R.T. 0.00 min

Lab File: BF117420.D

Acq: 16 Oct 2019 18:13

Tgt Ion:	136	Resp:	174096
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.4	12.6
54	5.6	4.6	6.8
68	5.0	3.8	5.8





#23

Nitrobenzene-d5

Concen: 95.559 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF117420.D

Acq: 16 Oct 2019 18:13

Instrument :

BNA_F

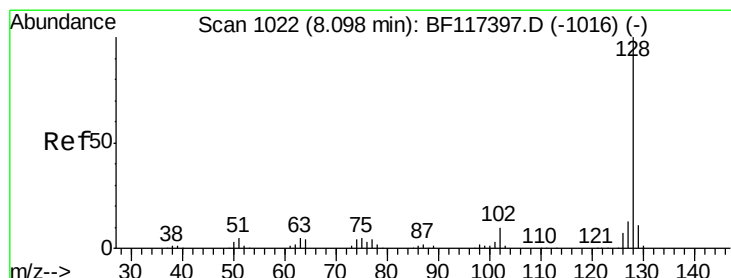
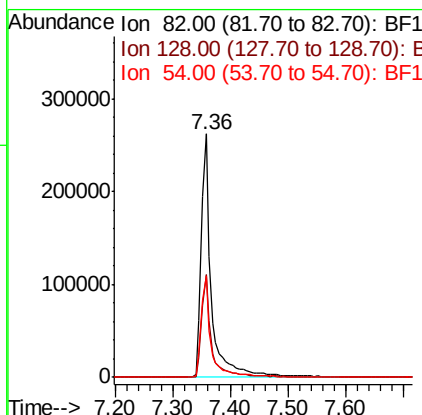
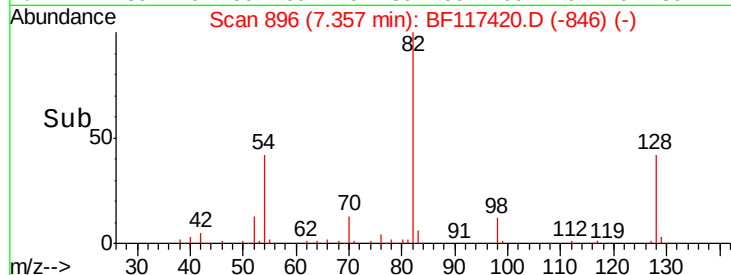
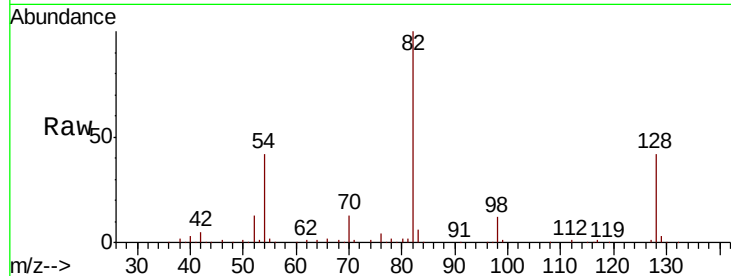
ClientSampleId :

IDW-SO-101019

Tot Ion	82	Resp	328196
Ion Ratio	Lower	Upper	
82	100		
128	42.0	34.1	51.1
54	41.8	33.3	49.9

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#31

Naphthalene

Concen: 15.882 ng

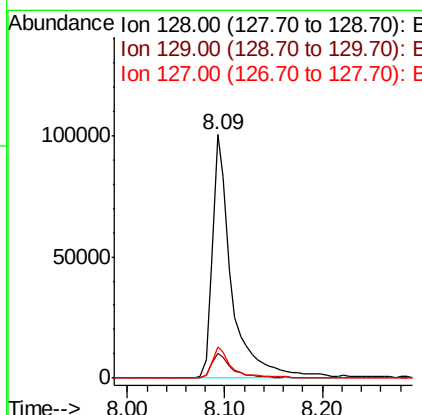
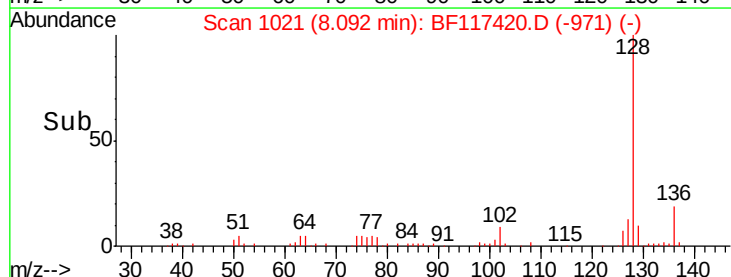
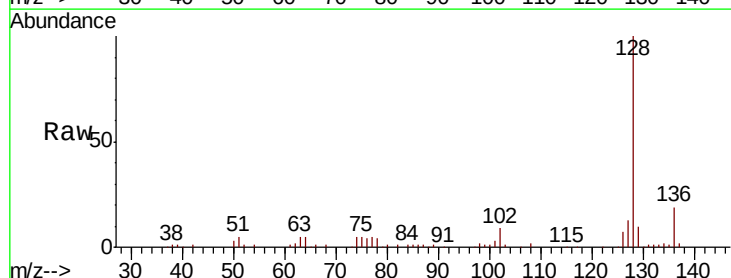
RT: 8.09 min Scan# 1021

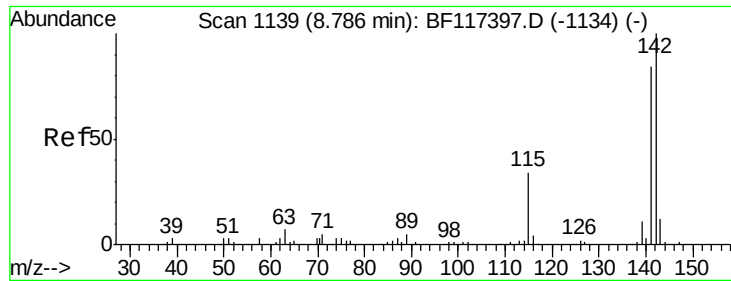
Delta R.T. -0.01 min

Lab File: BF117420.D

Acq: 16 Oct 2019 18:13

Tgt Ion	128	Resp	138089
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.6	12.8
127	12.7	10.4	15.6





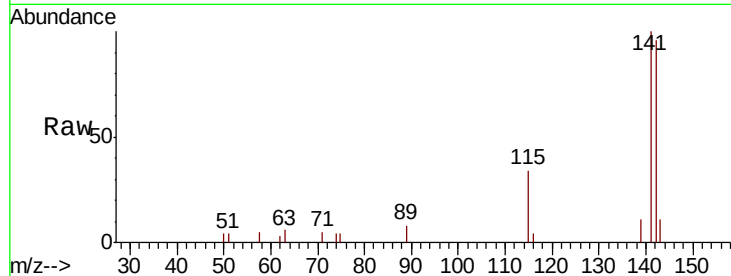
#37
2-Methylnaphthalene
Concen: 2.293 ng m
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF117420.D
Acq: 16 Oct 2019 18:13

Instrument :
BNA_F
ClientSampleId :
IDW-SO-101019

Tot Ion	Ratio	Lower	Upper
142	100		
141	104.1	67.2	100.8#
115	35.0	26.9	40.3

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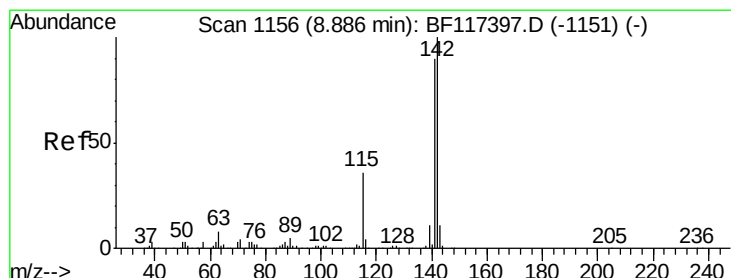
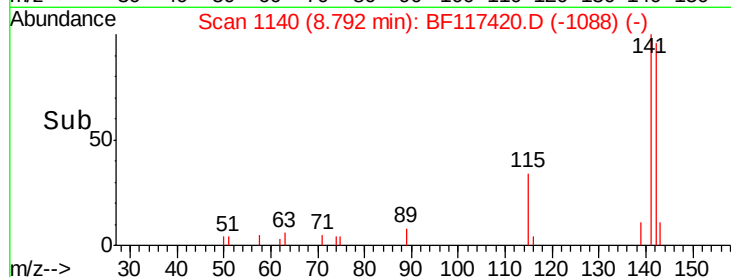
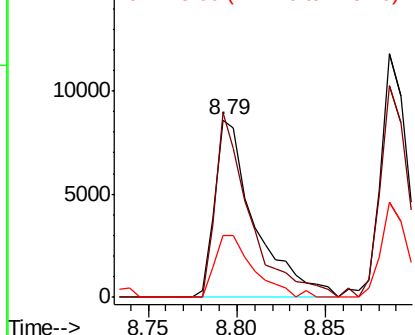


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 2.662 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF117420.D
Acq: 16 Oct 2019 18:13

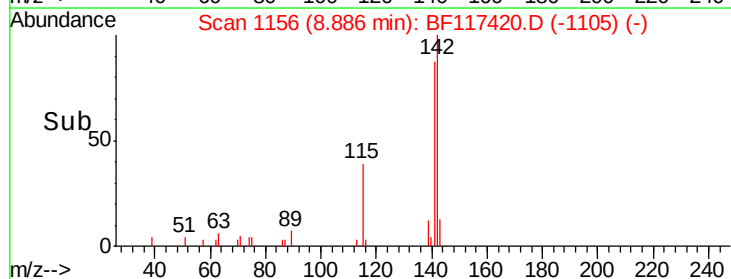
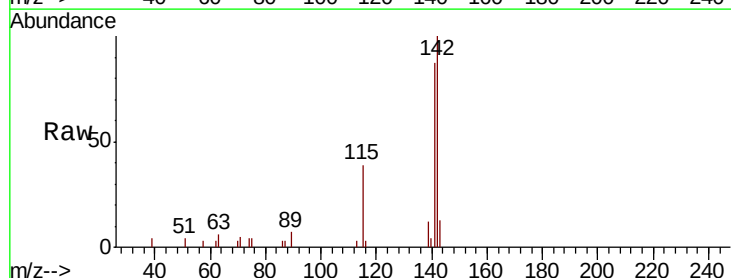
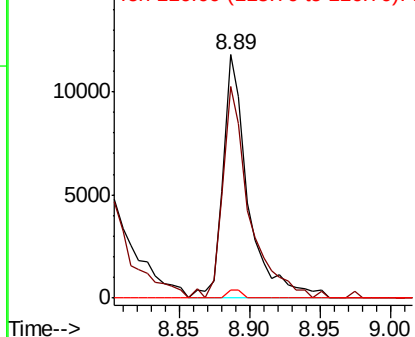
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.8	107.8
116	3.3	2.9	4.3

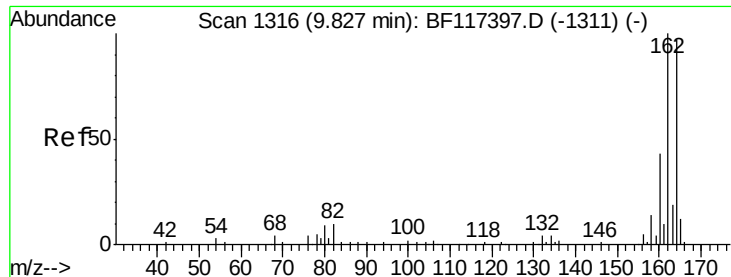
Abundance

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





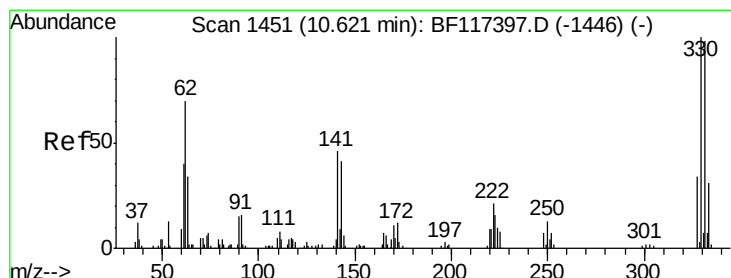
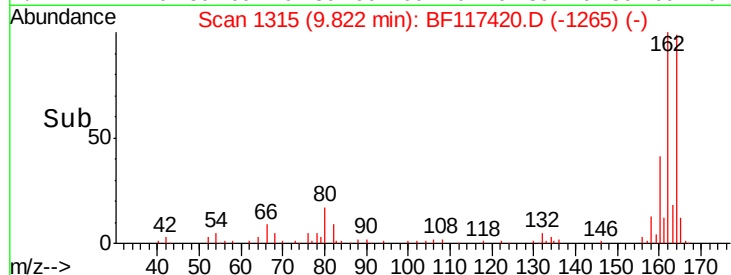
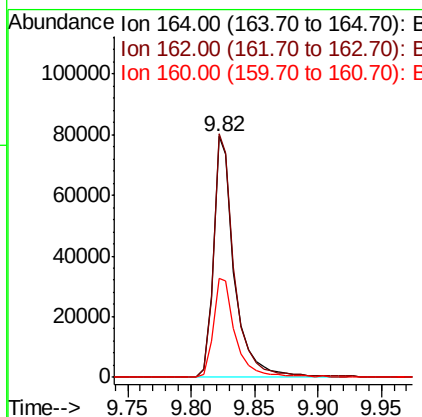
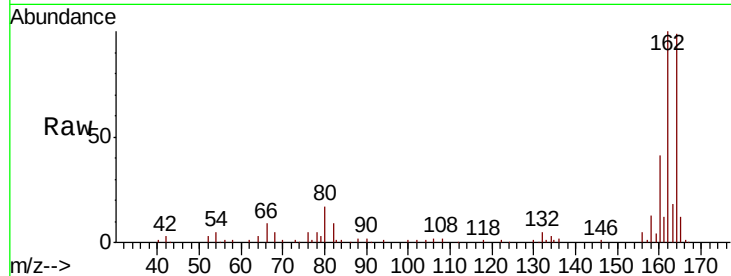
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF117420.D
Acq: 16 Oct 2019 18:13

Instrument :
BNA_F
ClientSampleId :
IDW-SO-101019

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.4	123.6
160	41.1	35.4	53.0

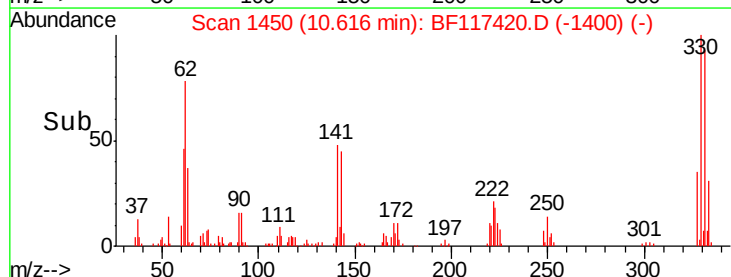
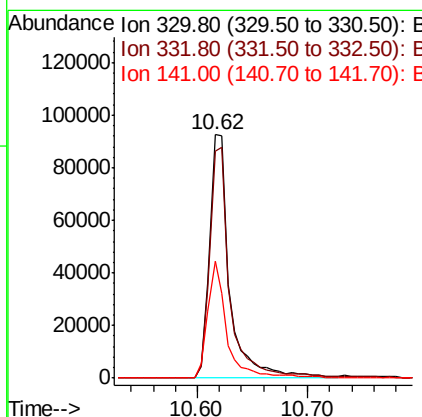
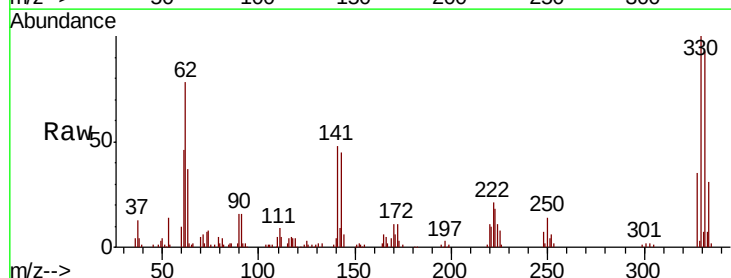
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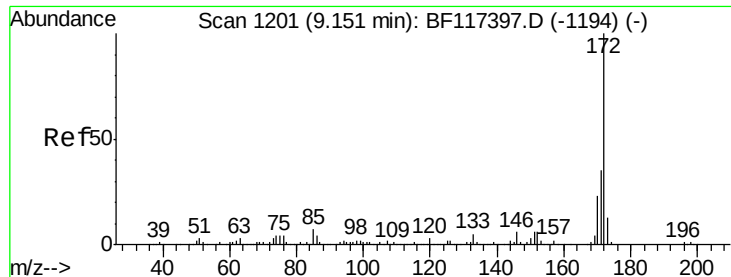
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#42
2,4,6-Tribromophenol
Concen: 154.539 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF117420.D
Acq: 16 Oct 2019 18:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.0	112.6
141	45.3	34.2	51.4





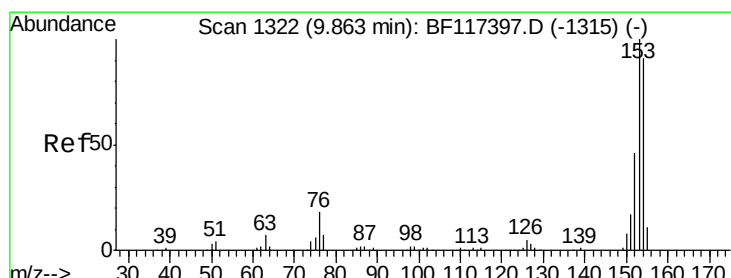
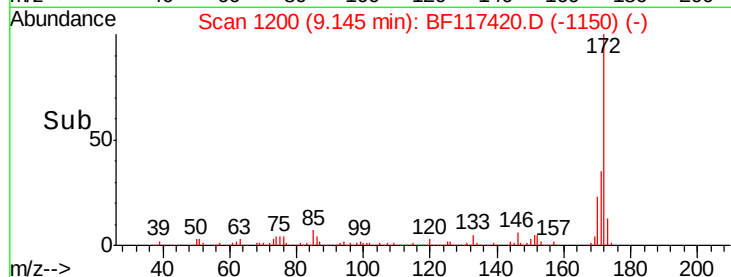
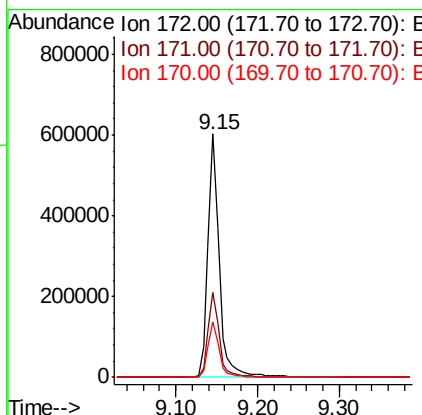
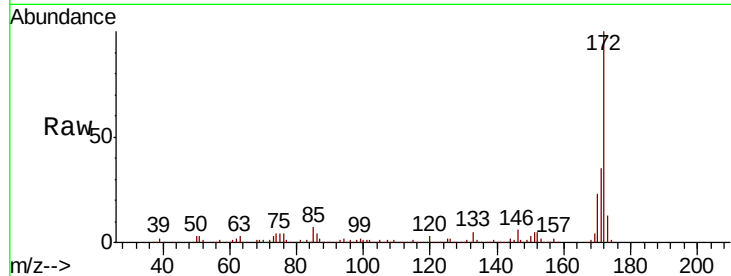
#45
2-Fluorobiphenyl
Concen: 92.356 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117420.D
Acq: 16 Oct 2019 18:13

Instrument :
BNA_F
ClientSampleId :
IDW-SO-101019

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.0	18.2	27.2

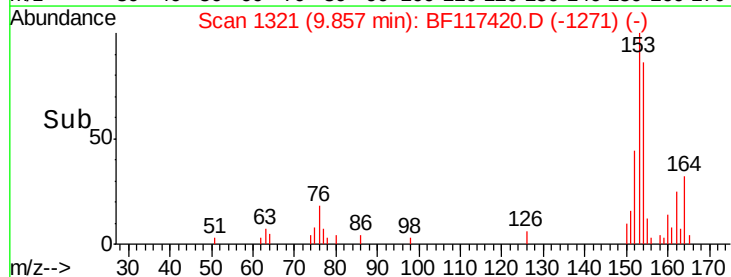
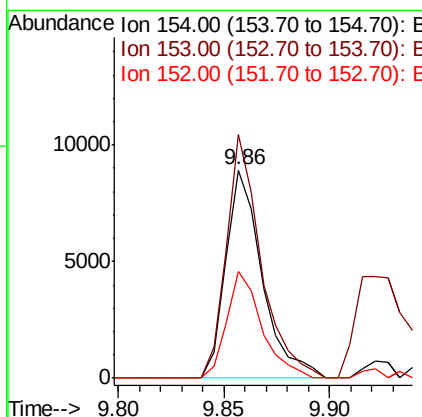
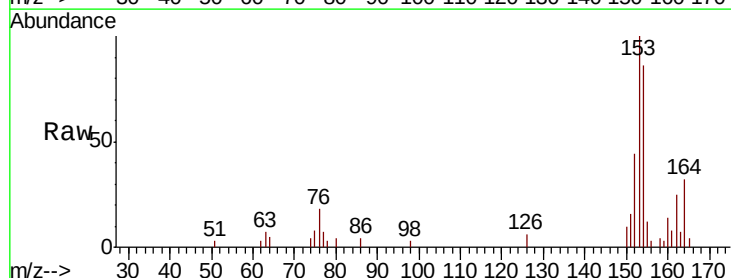
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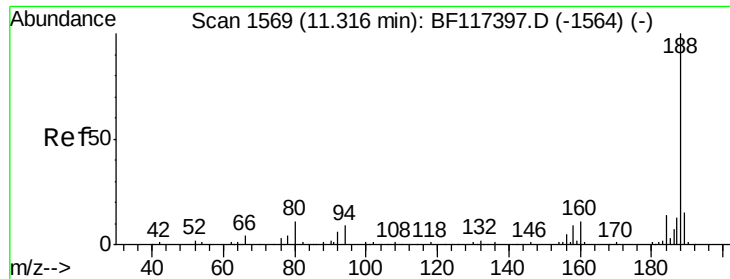
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#52
Acenaphthene
Concen: 2.029 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF117420.D
Acq: 16 Oct 2019 18:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.9	87.9	131.9
152	51.0	40.8	61.2





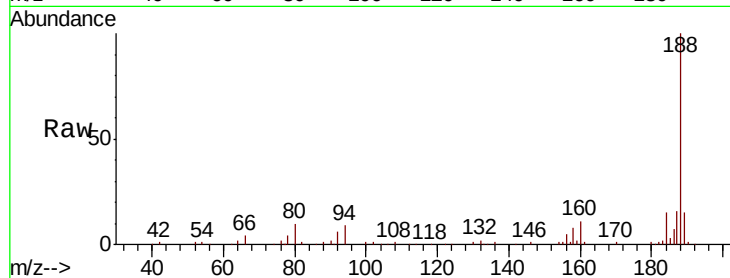
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117420.D
Acq: 16 Oct 2019 18:13

Instrument :
BNA_F
ClientSampleId :
IDW-SO-101019

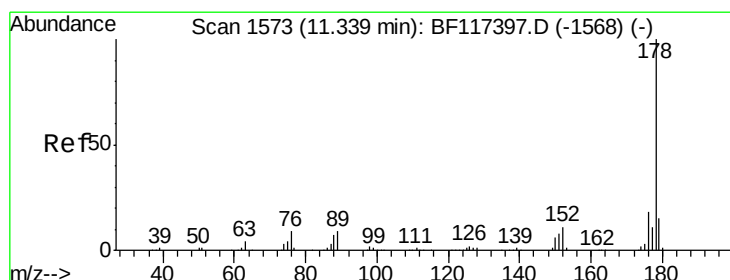
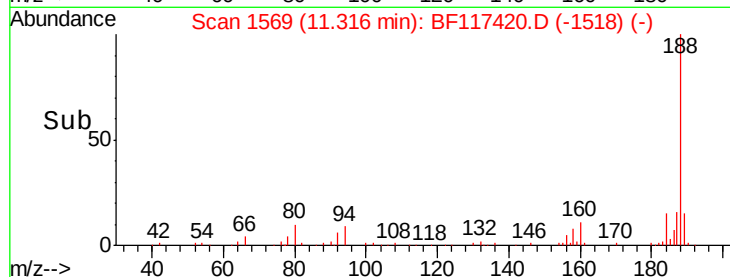
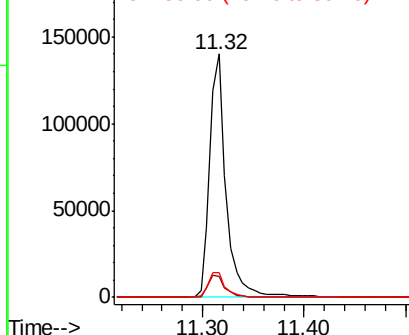
Tot Ion	Ratio	Resp	Lower	Upper
188	100	158820		
94	8.8		7.5	11.3
80	10.3		8.7	13.1

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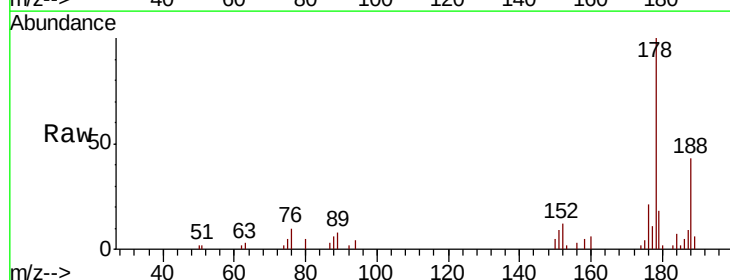


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

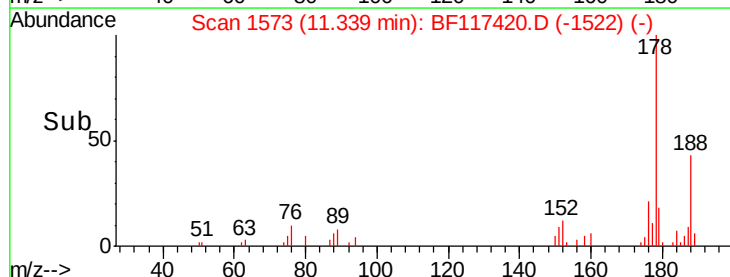
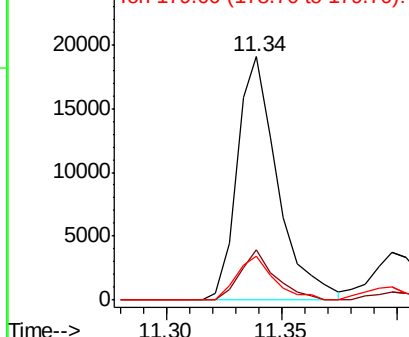


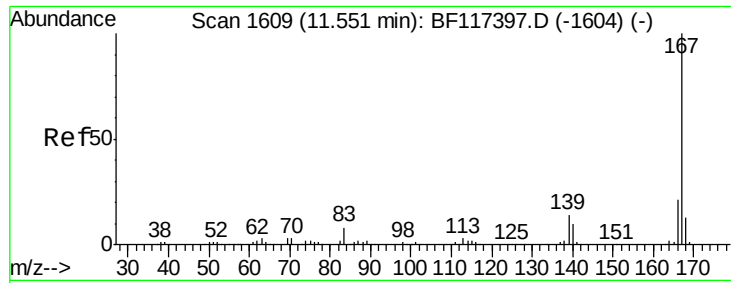
#71
Phenanthrene
Concen: 2.474 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117420.D
Acq: 16 Oct 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	23227		
176	20.8		14.6	22.0
179	18.0		12.3	18.5



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





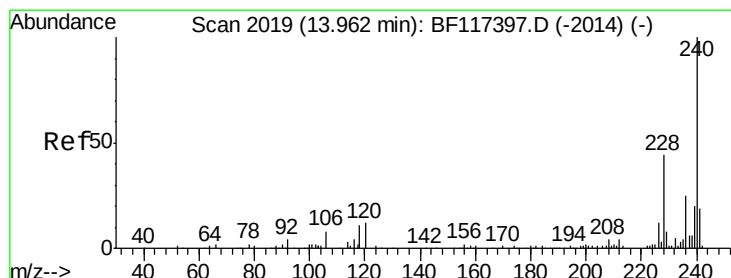
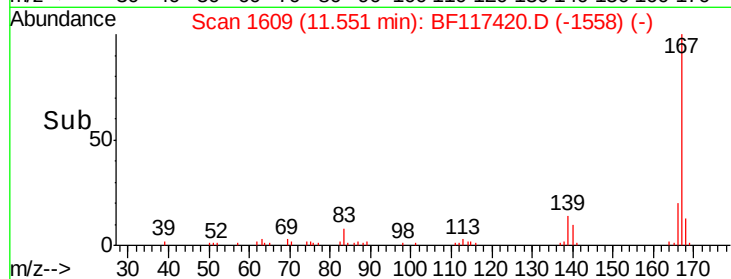
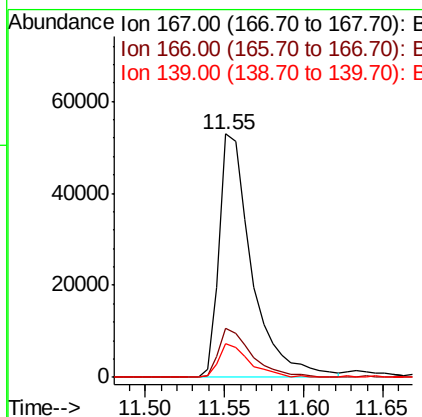
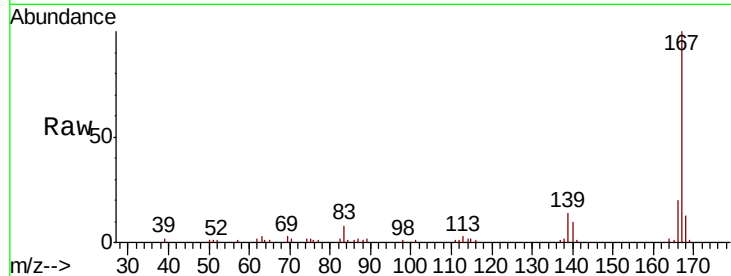
#73
 Carbazole
 Concen: 8.603 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117420.D
 Acq: 16 Oct 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SO-101019

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.0	25.4
139	13.6	10.8	16.2

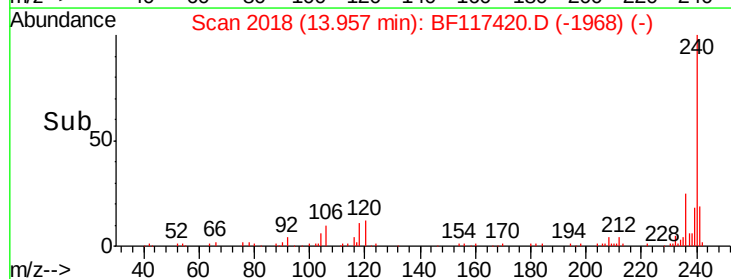
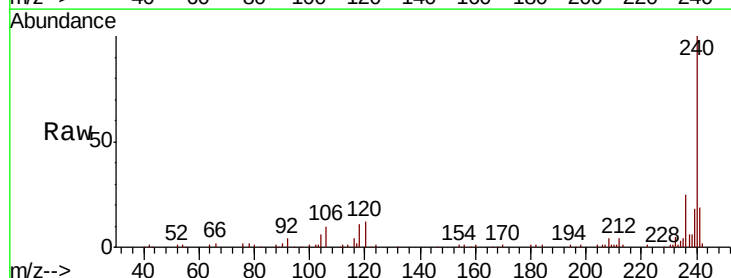
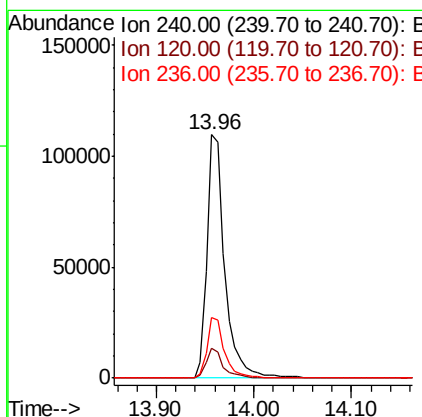
Manual Integrations
 APPROVED

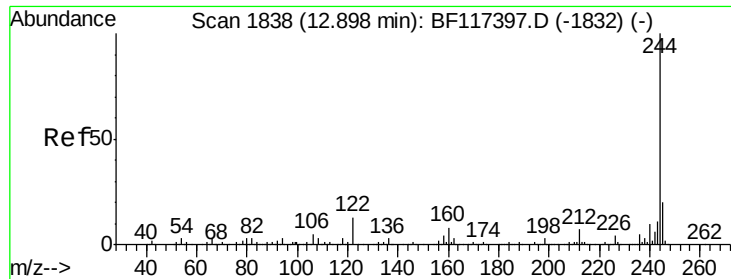
mohammad
 10/18/2019 8:26:35 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF117420.D
 Acq: 16 Oct 2019 18:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.4	14.0
236	24.7	19.8	29.6





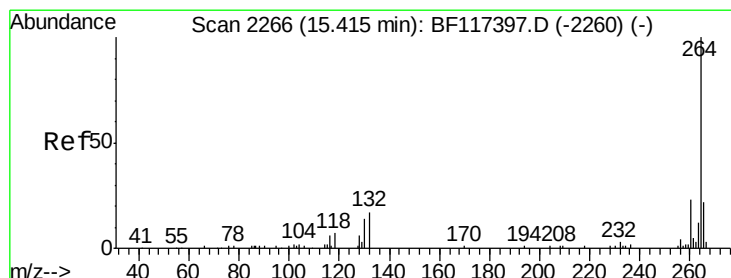
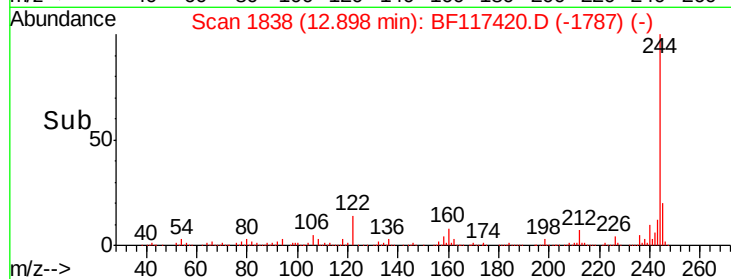
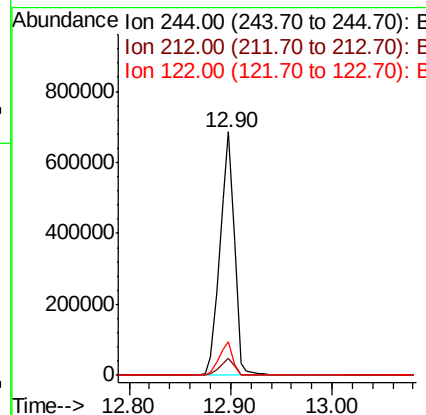
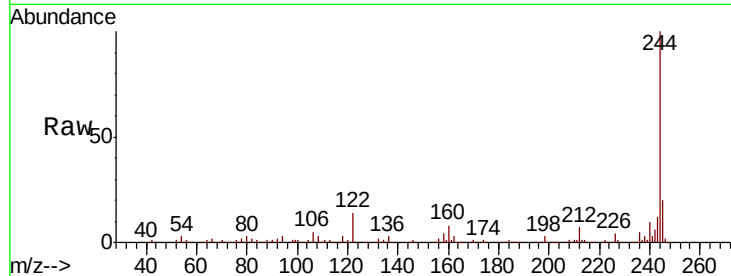
#79
 Terphenyl-d14
 Concen: 80.006 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117420.D
 Acq: 16 Oct 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SO-101019

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	14.0	10.7	16.1

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:35 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BF117420.D
 Acq: 16 Oct 2019 18:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.6	27.8
265	19.9	17.4	26.0

