

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117432.D
 Acq On : 17 Oct 2019 20:06
 Operator : JU
 Sample : K5394-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-17-F1-(0-30)

Quant Time: Oct 18 05:08:18 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

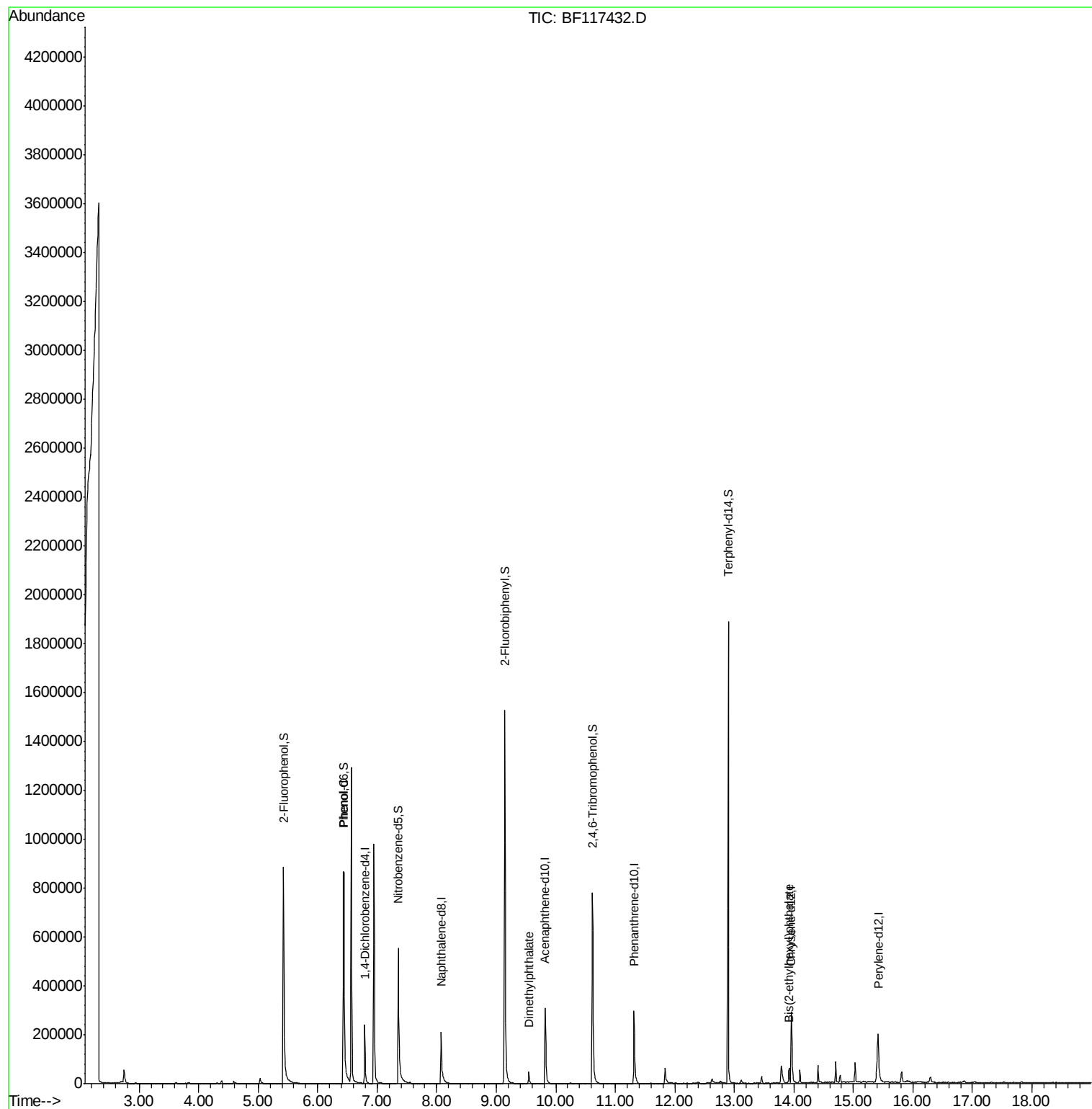
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	43072	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	170941	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	90967	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	159836	20.00	ng	0.00
76) Chrysene-d12	13.96	240	134226	20.00	ng	0.00
87) Perylene-d12	15.42	264	130800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	341578	122.02	ng	0.01
7) Phenol-d6	6.44	99	439393	118.30	ng	0.00
23) Nitrobenzene-d5	7.36	82	292134	86.63	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	107702	145.47	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	537360	86.12	ng	0.00
79) Terphenyl-d14	12.90	244	621429	75.47	ng	0.00
Target Compounds						
10) Phenol	6.45	94	8953	2.233	ng	# 41
50) Dimethylphthalate	9.55	163	29706	4.547	ng	# 98
84) Bis(2-ethylhexyl)phthalate	13.92	149	17870	2.124	ng	# 97

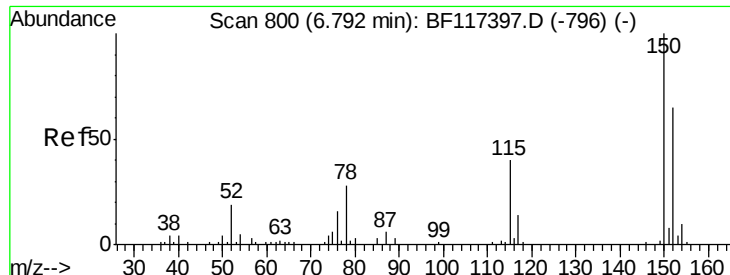
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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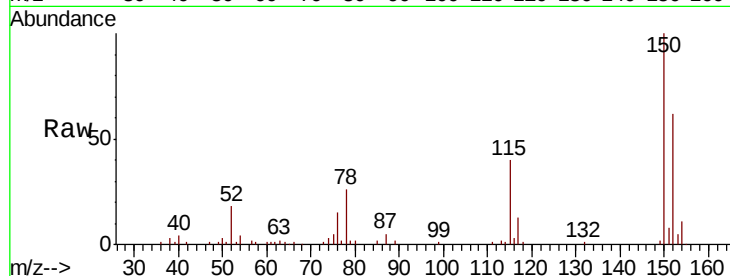


#1

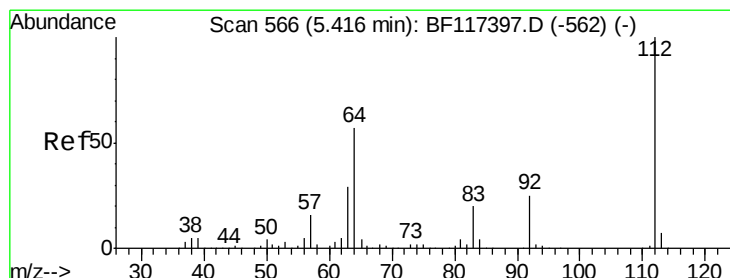
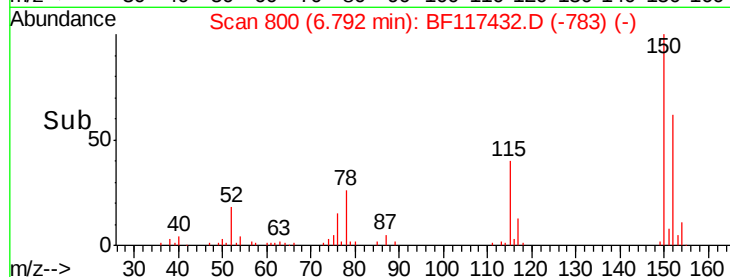
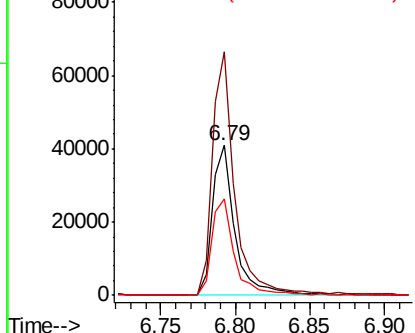
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117432.D
Acq: 17 Oct 2019 20:06

Instrument :
BNA_F
ClientSampleId :
T-17-F1-(0-30)

Tot Ion:152 Resp: 43072
Ion Ratio Lower Upper
152 100
150 162.2 122.7 184.1
115 64.2 48.6 73.0



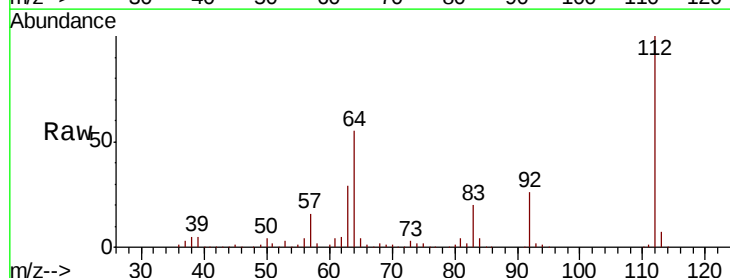
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



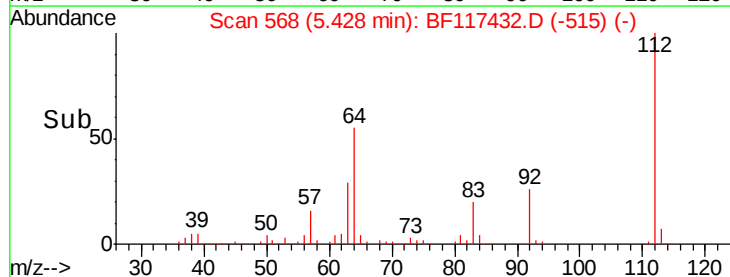
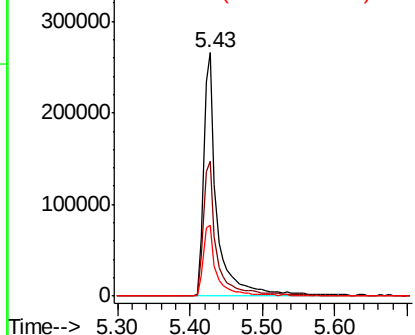
#5

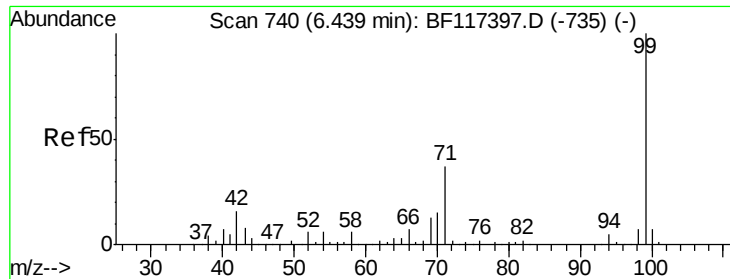
2-Fluorophenol
Concen: 122.019 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF117432.D
Acq: 17 Oct 2019 20:06

Tgt Ion:112 Resp: 341578
Ion Ratio Lower Upper
112 100
64 55.4 45.2 67.8
63 29.1 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: 118.300 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117432.D

Acq: 17 Oct 2019 20:06

Instrument :

BNA_F

ClientSampleId :

T-17-F1-(0-30)

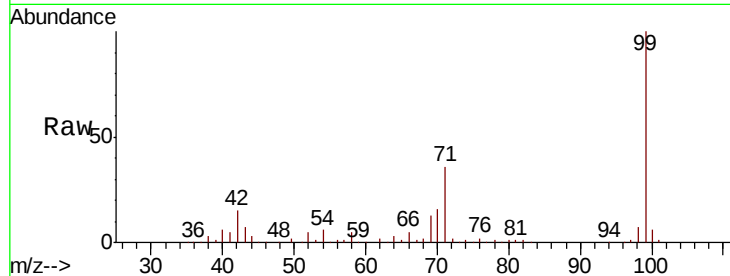
Tot Ion: 99 Resp: 439393

Ion Ratio Lower Upper

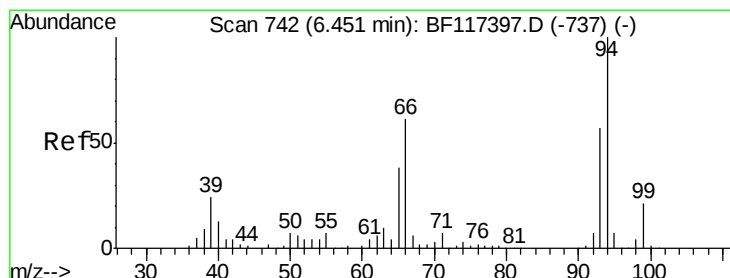
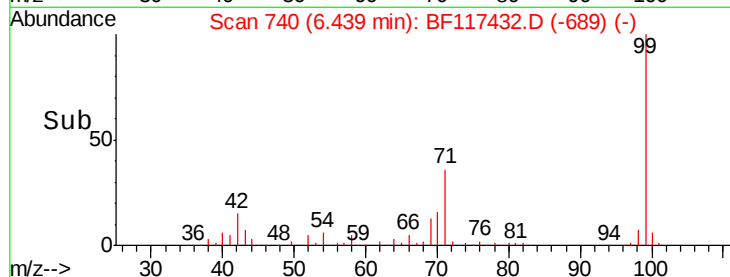
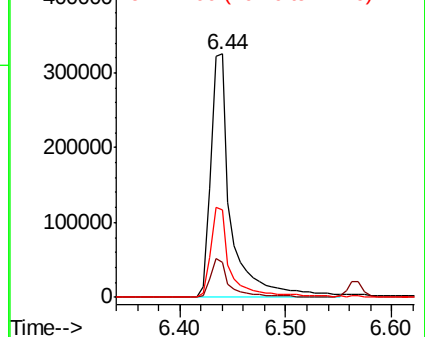
99 100

42 14.5 12.5 18.7

71 35.8 29.2 43.8



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: 2.233 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117432.D

Acq: 17 Oct 2019 20:06

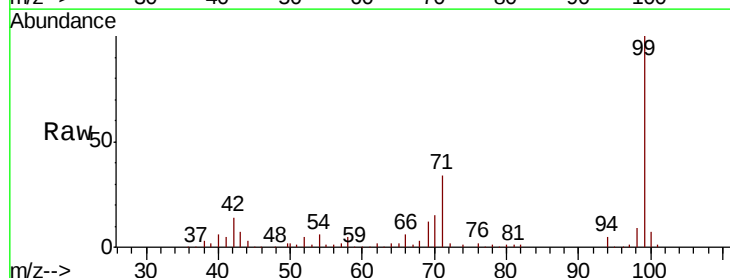
Tgt Ion: 94 Resp: 8953

Ion Ratio Lower Upper

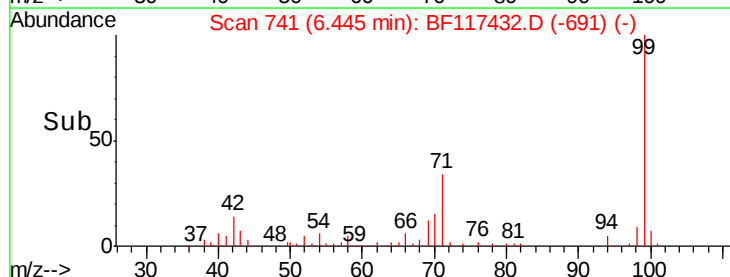
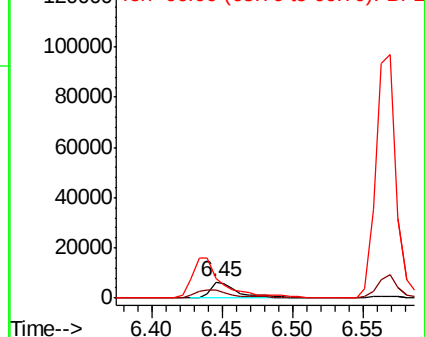
94 100

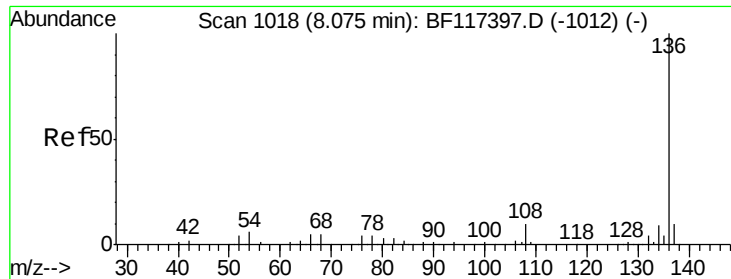
65 48.3 18.2 58.2

66 126.2 41.1 81.1#



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

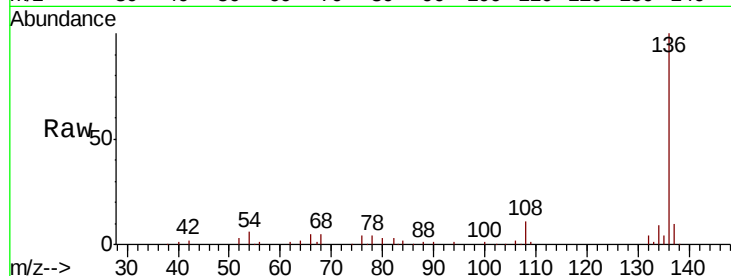




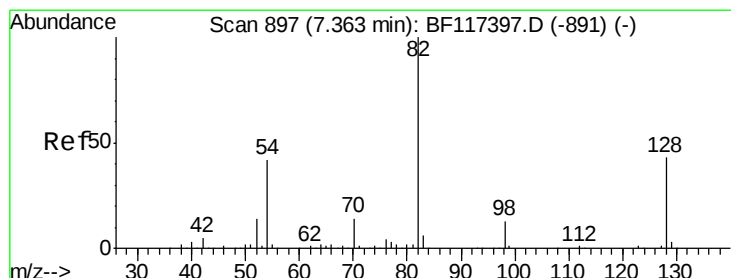
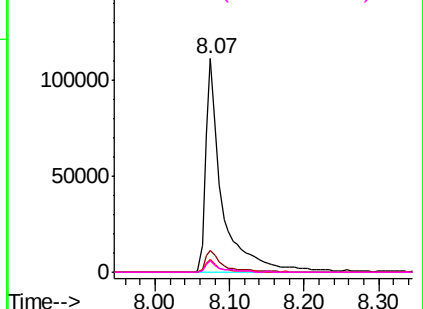
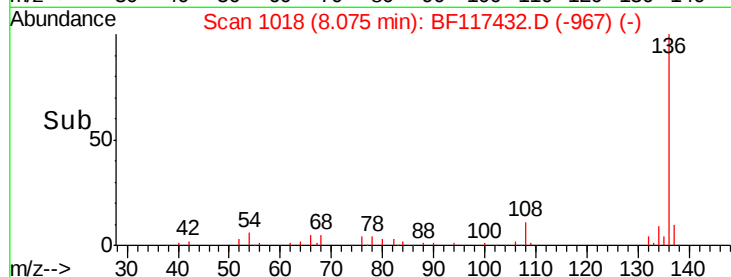
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117432.D
Acq: 17 Oct 2019 20:06

Instrument :
BNA_F
ClientSampleId :
T-17-F1-(0-30)

Tot Ion:136	Resp:	170941
Ion	Ratio	Lower Upper
136	100	
137	10.0	8.4 12.6
54	6.2	4.6 6.8
68	5.2	3.8 5.8

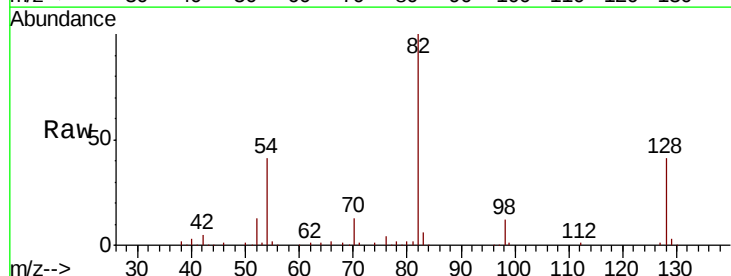


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

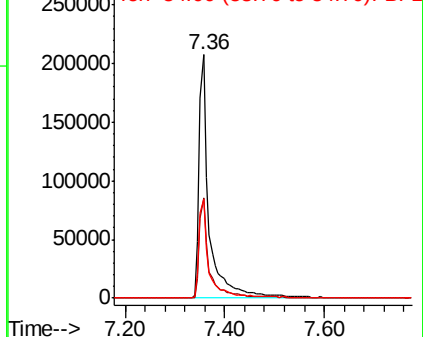
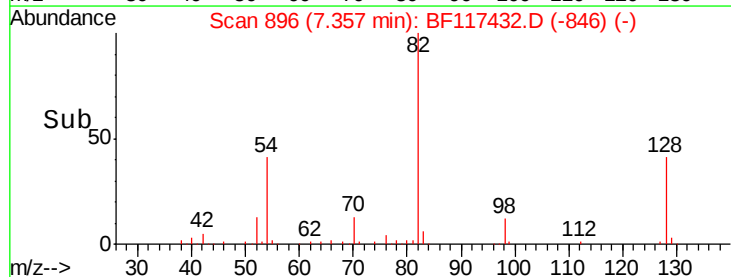


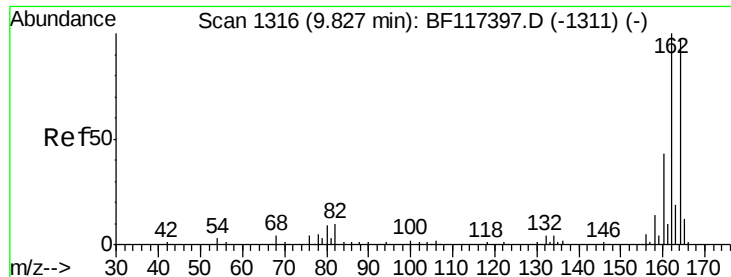
#23
Nitrobenzene-d5
Concen: 86.629 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117432.D
Acq: 17 Oct 2019 20:06

Tgt Ion: 82	Resp:	292134
Ion	Ratio	Lower Upper
82	100	
128	41.3	34.1 51.1
54	40.7	33.3 49.9



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

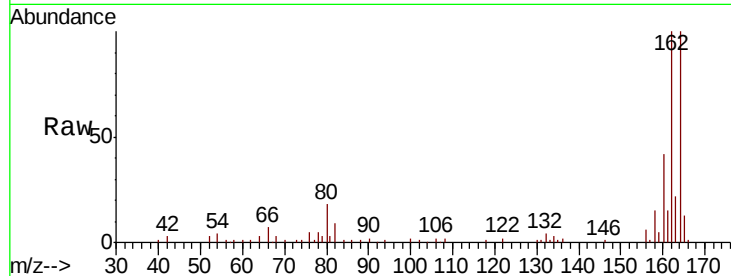




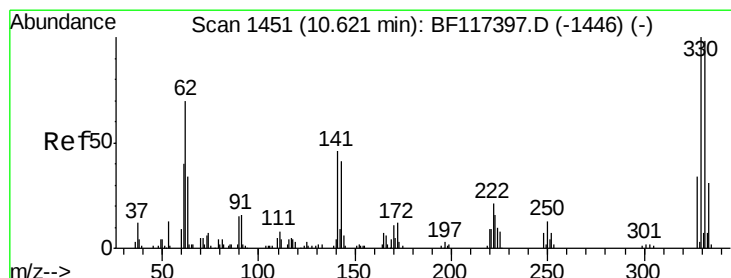
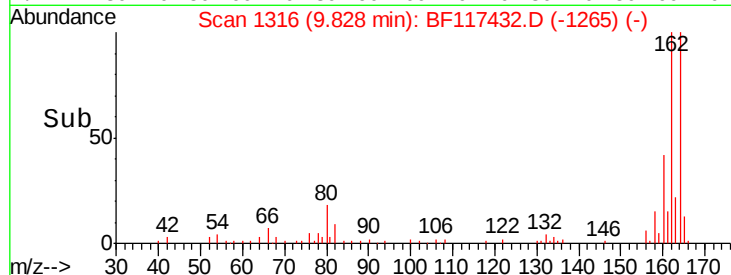
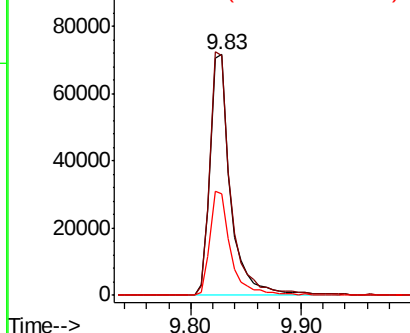
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF117432.D
 Acq: 17 Oct 2019 20:06

Instrument :
 BNA_F
 ClientSampleId :
 T-17-F1-(0-30)

Tot Ion:164 Resp: 90967
 Ion Ratio Lower Upper
 164 100
 162 99.9 82.4 123.6
 160 42.5 35.4 53.0

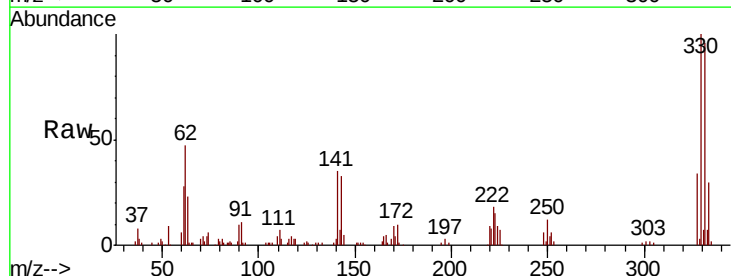


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

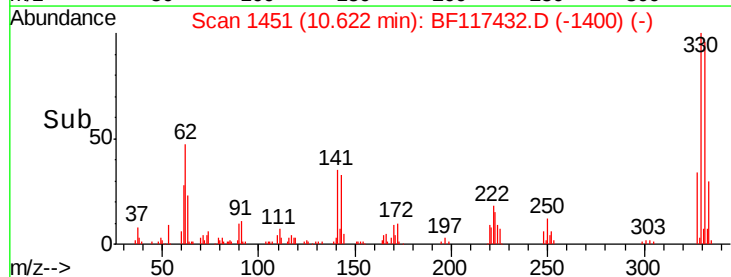
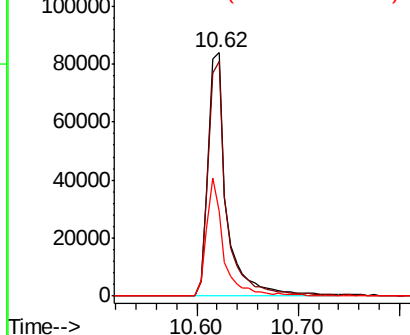


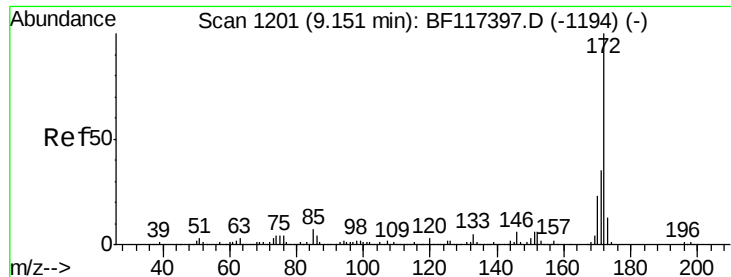
#42
 2,4,6-Tribromophenol
 Concen: 145.475 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF117432.D
 Acq: 17 Oct 2019 20:06

Tgt Ion:330 Resp: 107702
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.0 112.6
 141 44.1 34.2 51.4



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

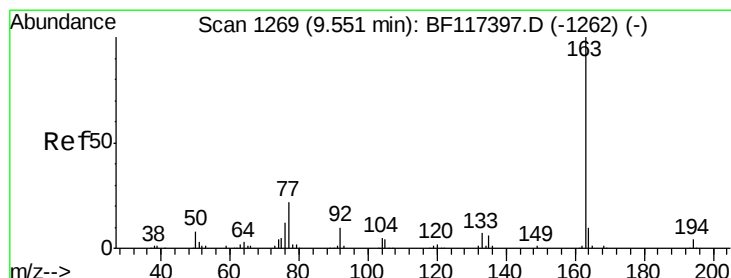
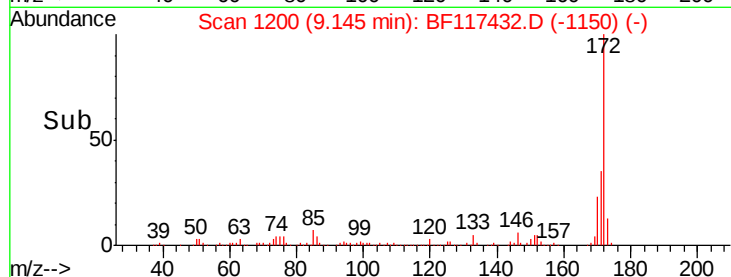
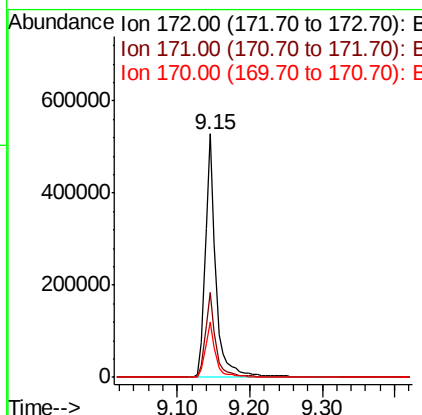
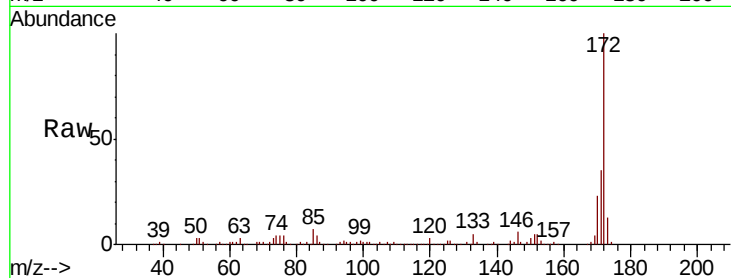




#45
2-Fluorobiphenyl
Concen: 86.120 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117432.D
Acq: 17 Oct 2019 20:06

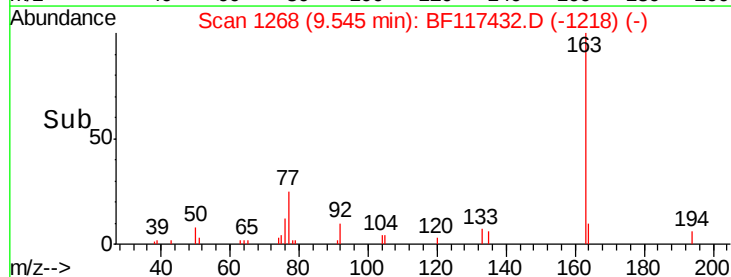
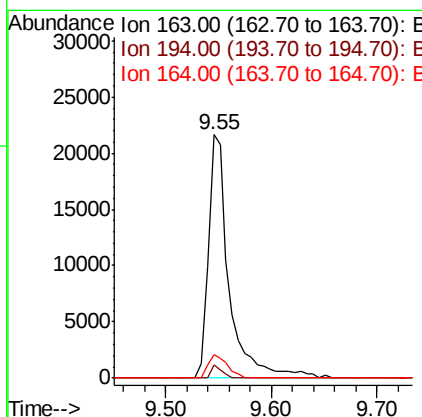
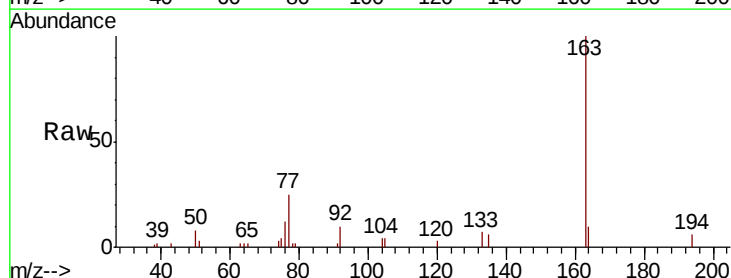
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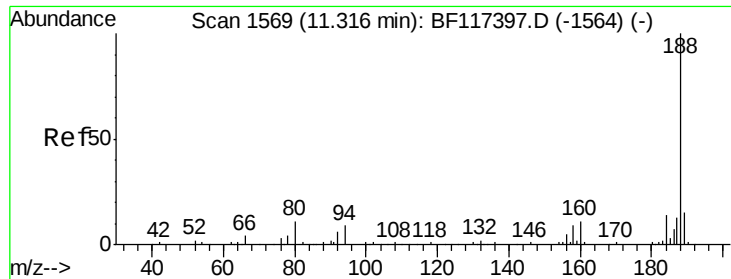
Tot Ion:172 Resp: 537360
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 22.8 18.2 27.2



#50
Dimethylphthalate
Concen: 4.547 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117432.D
Acq: 17 Oct 2019 20:06

Tgt Ion:163 Resp: 29706
Ion Ratio Lower Upper
163 100
194 5.7 3.1 4.7#
164 9.6 8.0 12.0

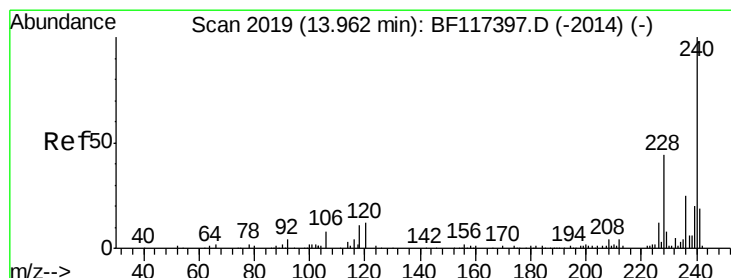
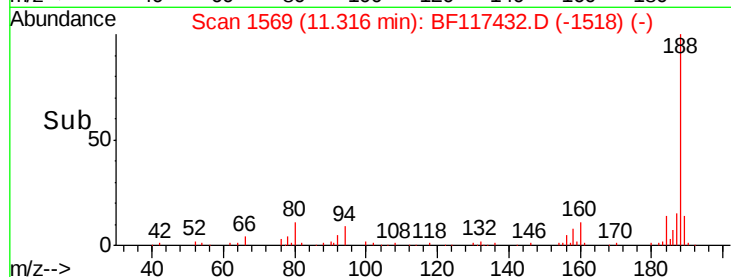
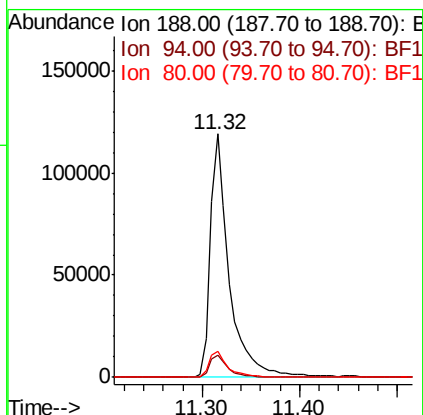
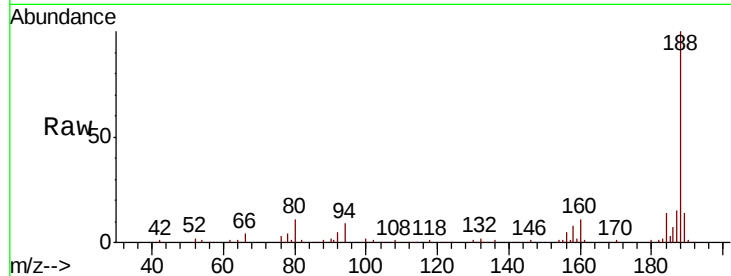




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117432.D
Acq: 17 Oct 2019 20:06

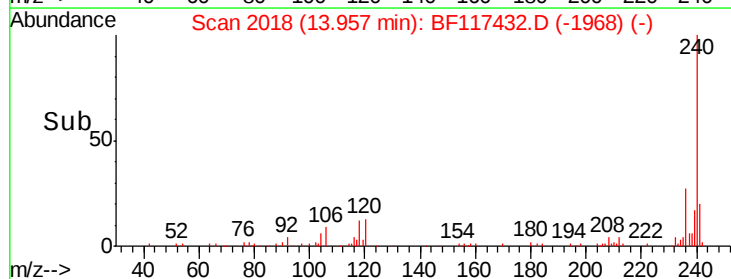
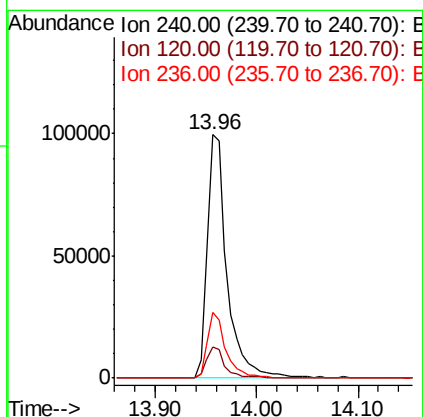
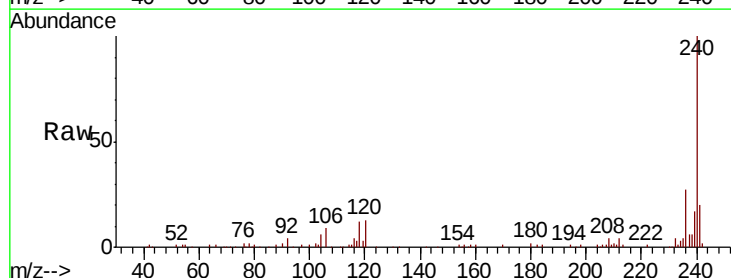
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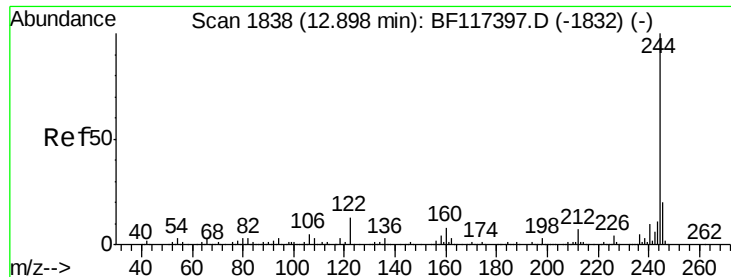
Tot Ion:188 Resp: 159836
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 10.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117432.D
Acq: 17 Oct 2019 20:06

Tgt Ion:240 Resp: 134226
Ion Ratio Lower Upper
240 100
120 12.9 9.4 14.0
236 26.8 19.8 29.6





#79

Terphenyl-d14

Concen: 75.472 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117432.D

Acq: 17 Oct 2019 20:06

Instrument :

BNA_F

ClientSampleId :

T-17-F1-(0-30)

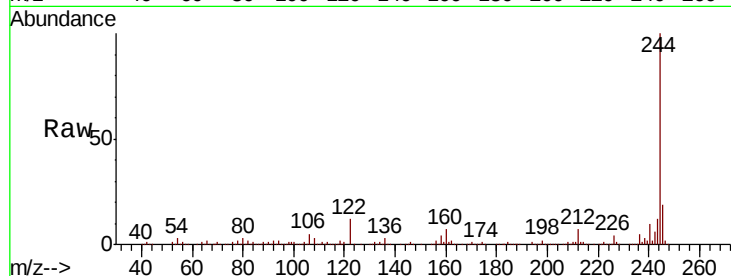
Tot Ion:244 Resp: 621429

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

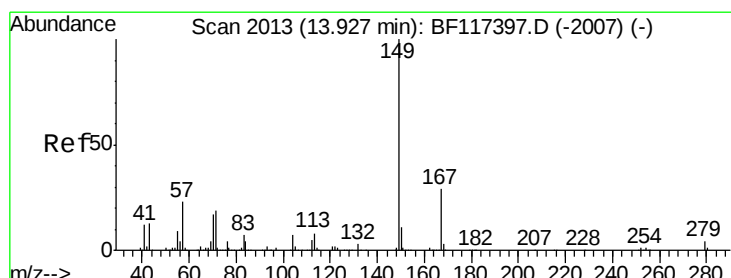
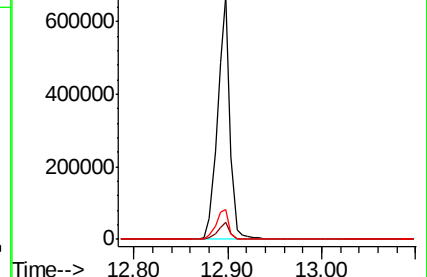
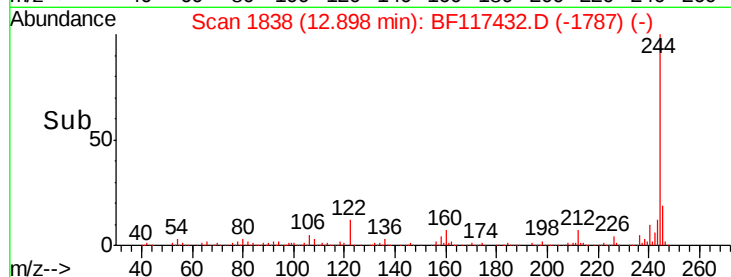
122 12.4 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.124 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF117432.D

Acq: 17 Oct 2019 20:06

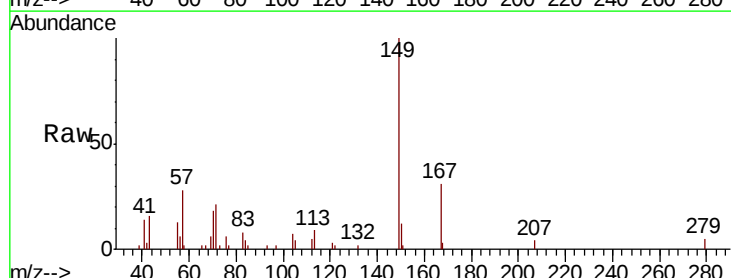
Tgt Ion:149 Resp: 17870

Ion Ratio Lower Upper

149 100

167 30.6 23.0 34.6

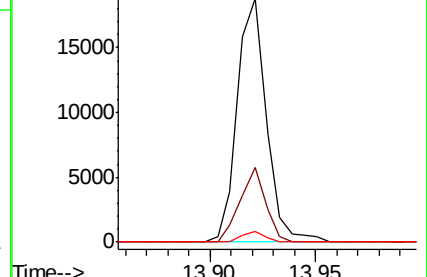
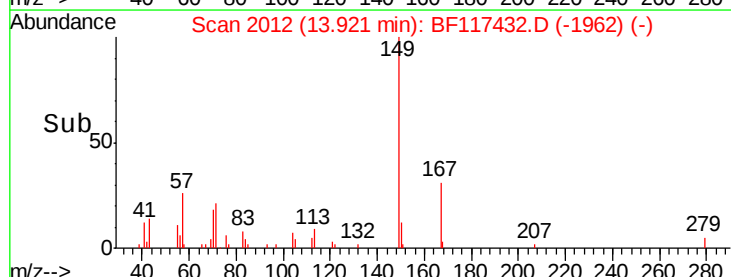
279 4.6 3.0 4.6#

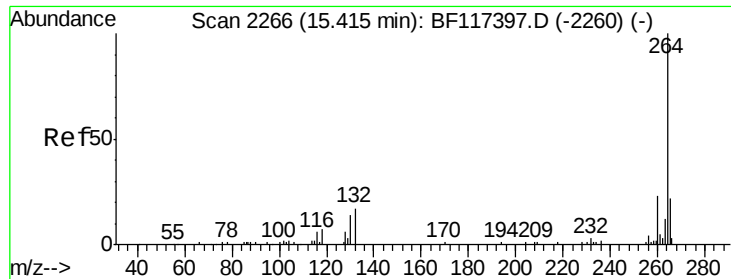


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BF117432.D
 Acq: 17 Oct 2019 20:06

Instrument :
 BNA_F
 ClientSampleId :
 T-17-F1-(0-30)

Tot Ion: 264 Resp: 130800
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 20.7 17.4 26.0

