

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116430.D
 Acq On : 20 Aug 2019 13:05
 Operator : HP/JU
 Sample : PB122321BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122321BL

Quant Time: Aug 20 15:11:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

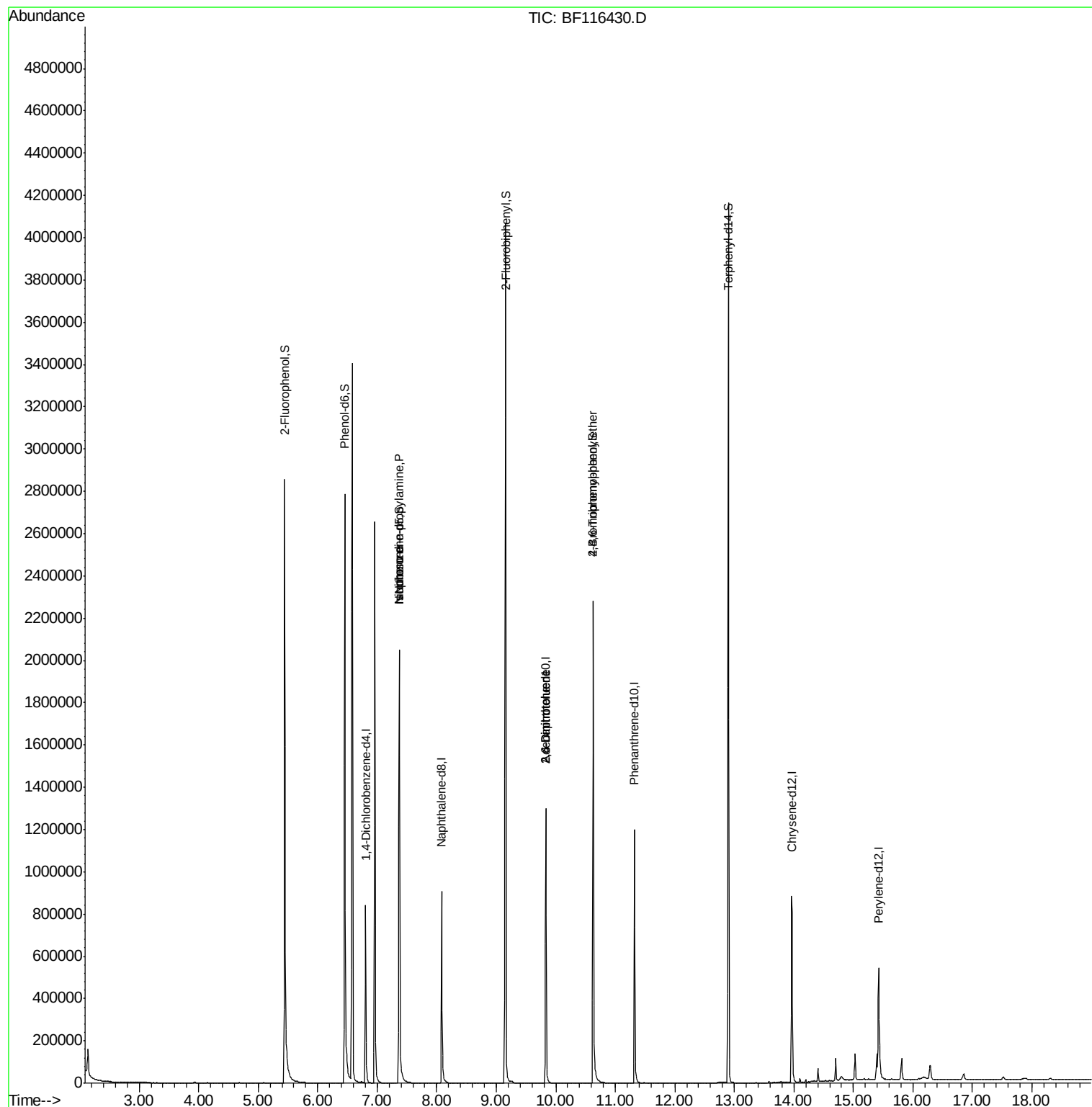
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	131129	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	499503	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	264394	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	466552	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	342349	20.00	ng	-0.02
87) Perylene-d12	15.42	264	310540	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	970115	123.85	ng	0.00
7) Phenol-d6	6.46	99	1250254	126.51	ng	0.00
23) Nitrobenzene-d5	7.37	82	794074	91.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	315296	123.00	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1342215	95.09	ng	-0.01
79) Terphenyl-d14	12.90	244	1531462	94.26	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	104633	17.086	ng	# 80
25) Isophorone	7.37	82	794074	47.990	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	33602	8.589	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	33602	6.451	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	19453	3.895	ng	# 1

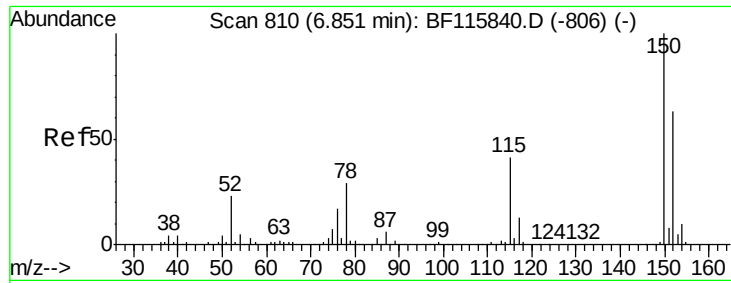
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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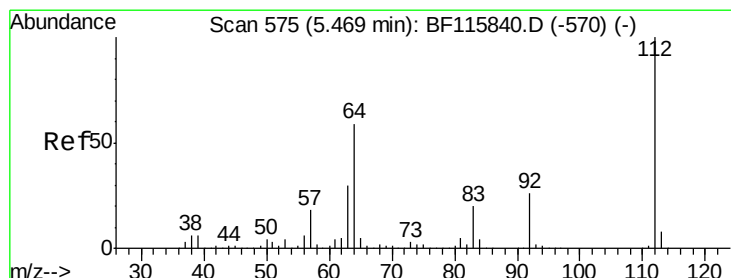
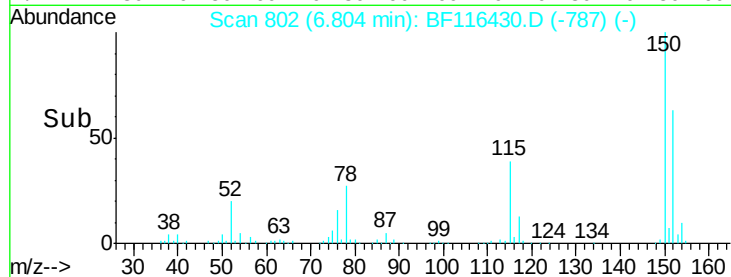
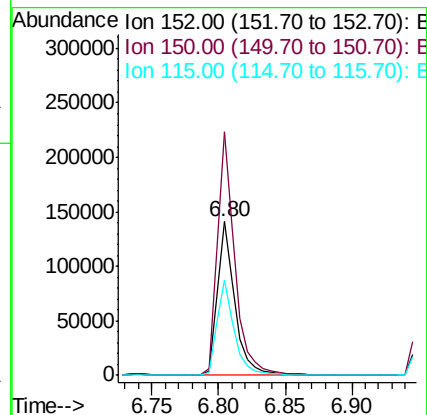
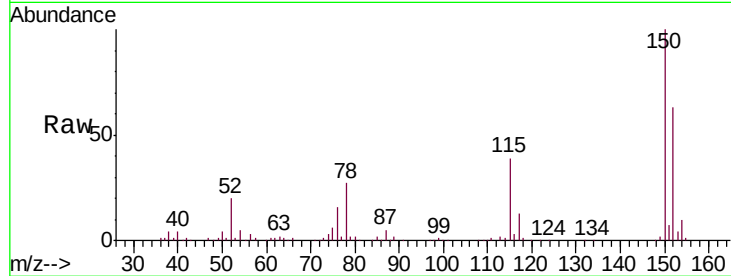


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116430.D
Acq: 20 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122321BL

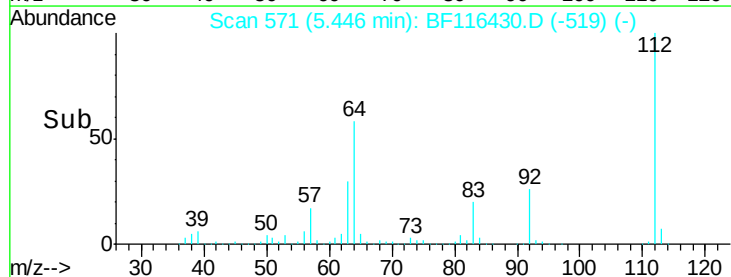
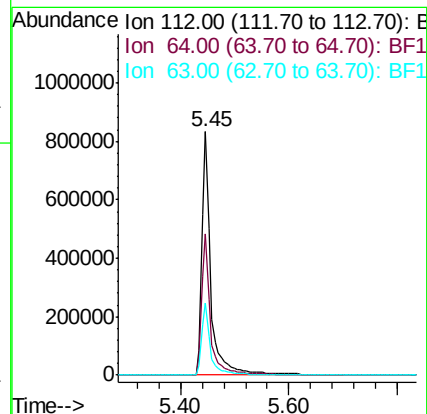
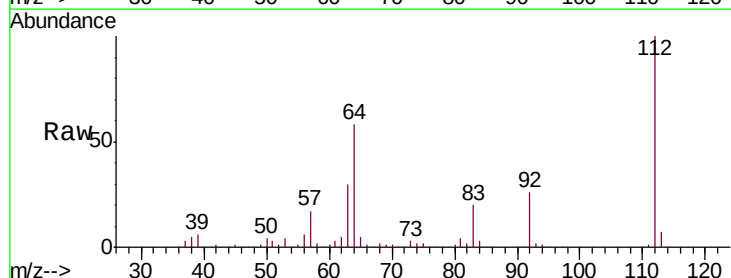
Tgt Ion:152 Resp: 131129
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 61.6 49.9 74.9

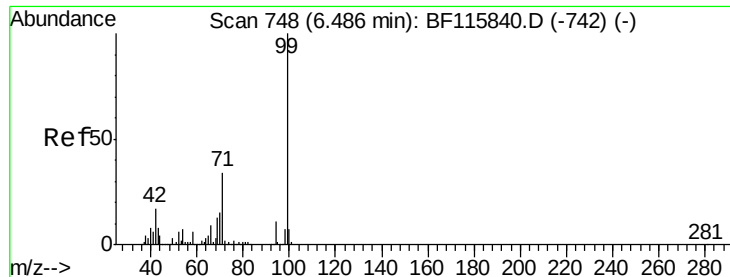


#5

2-Fluorophenol
Concen: 123.850 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116430.D
Acq: 20 Aug 2019 13:05

Tgt Ion:112 Resp: 970115
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.2
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 126.509 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116430.D

Acq: 20 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122321BL

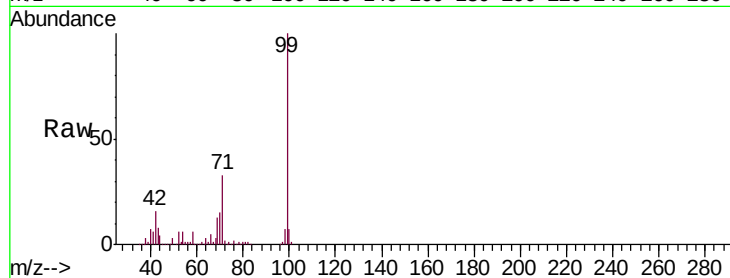
Tgt Ion: 99 Resp: 1250254

Ion Ratio Lower Upper

99 100

42 16.0 13.8 20.8

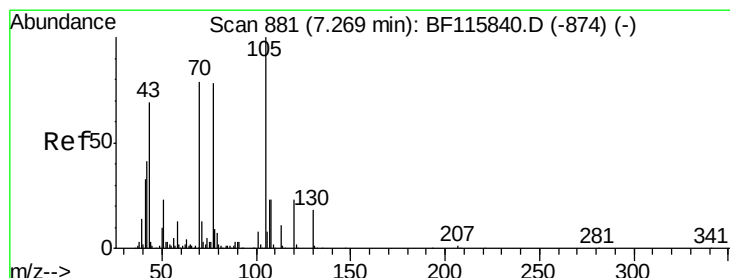
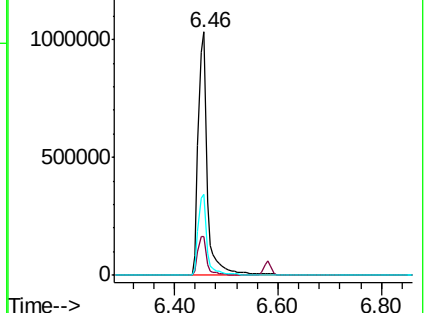
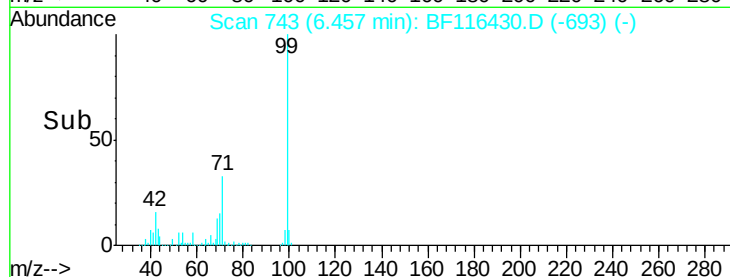
71 33.5 27.3 40.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.086 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116430.D

Acq: 20 Aug 2019 13:05

Tgt Ion: 70 Resp: 104633

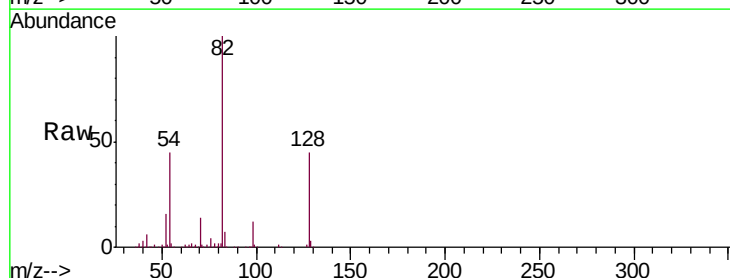
Ion Ratio Lower Upper

70 100

42 43.8 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#

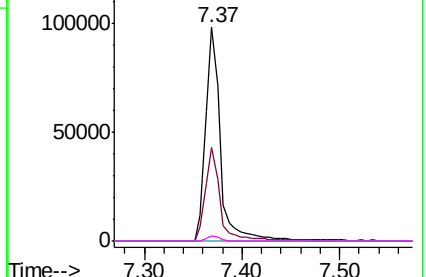
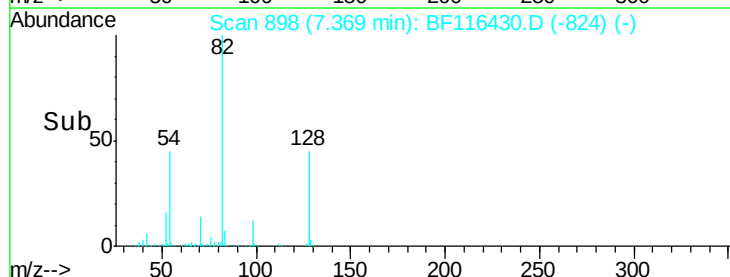


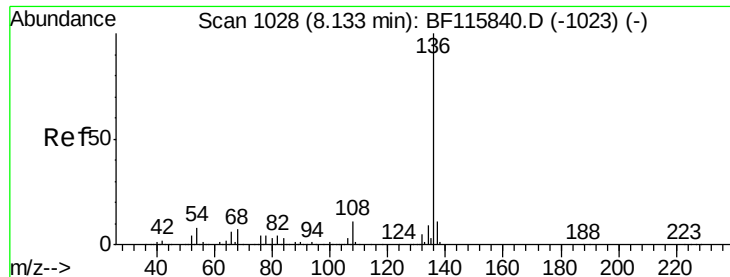
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

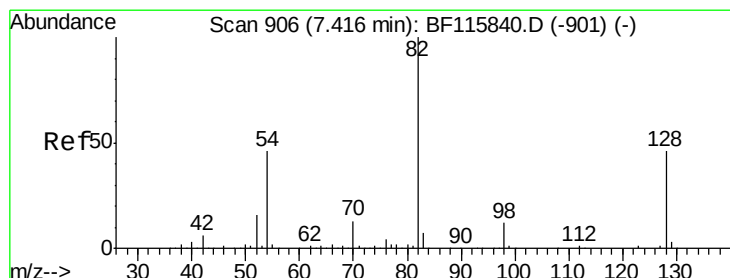
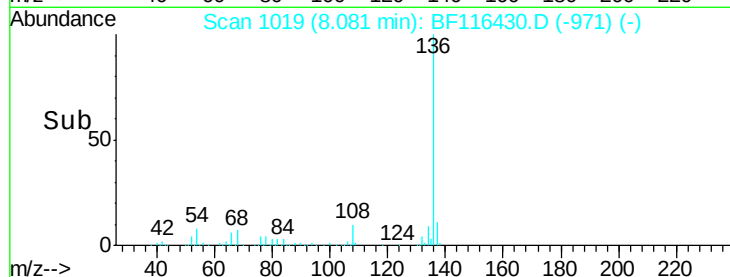
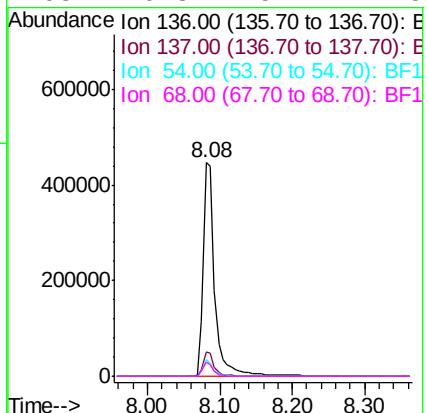
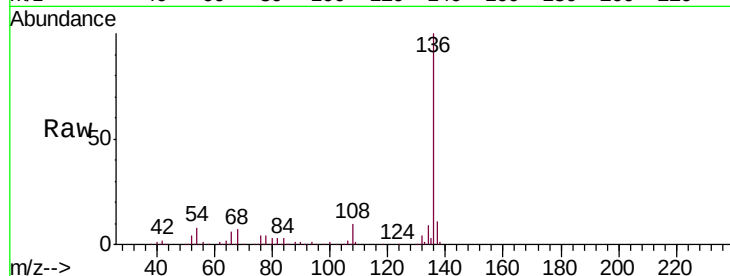




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116430.D
Acq: 20 Aug 2019 13:05

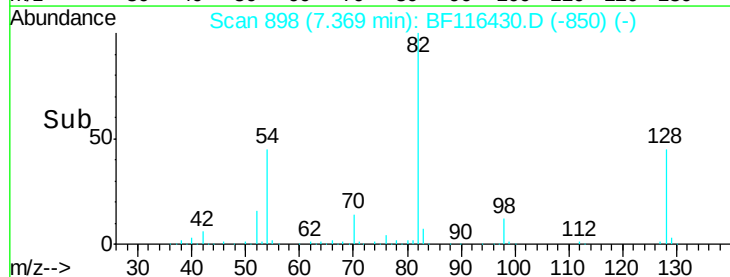
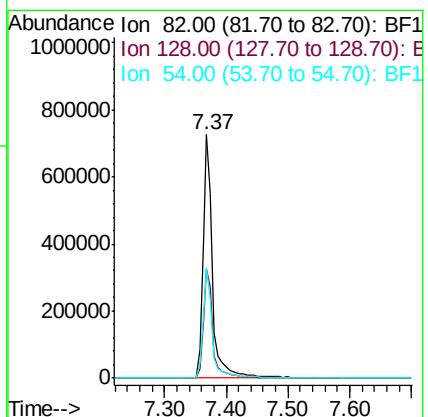
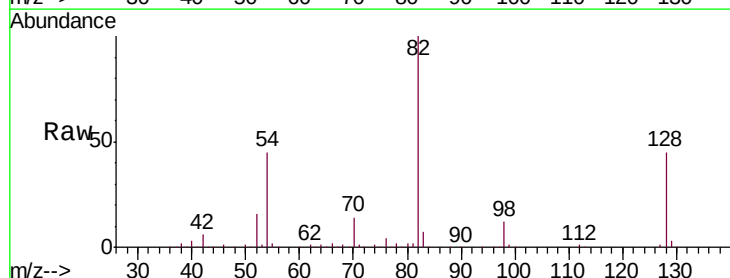
Instrument :
BNA_F
ClientSampleId :
PB122321BL

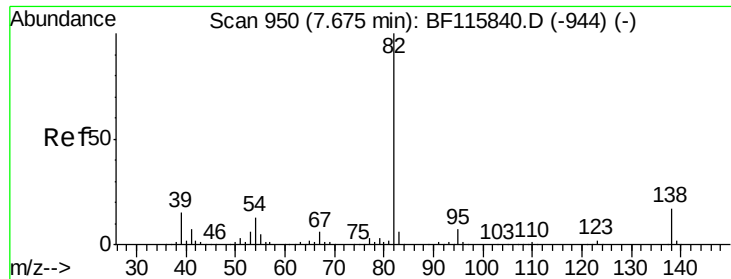
Tgt Ion:	136	Resp:	499503
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.8	5.8	8.6
68	6.8	5.2	7.8



#23
Nitrobenzene-d5
Concen: 91.764 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116430.D
Acq: 20 Aug 2019 13:05

Tgt Ion:	82	Resp:	794074
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.5	54.7
54	45.2	36.0	54.0





#25

Isophorone

Concen: 47.990 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF116430.D

Acq: 20 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB122321BL

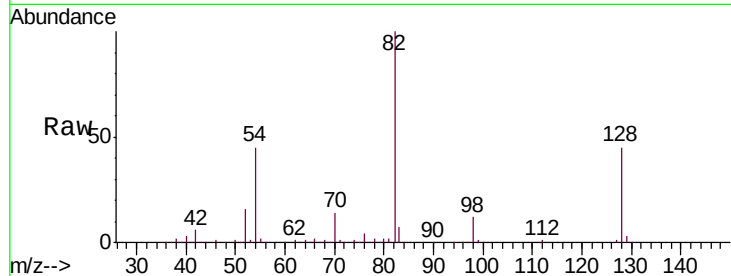
Tgt Ion: 82 Resp: 794074

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

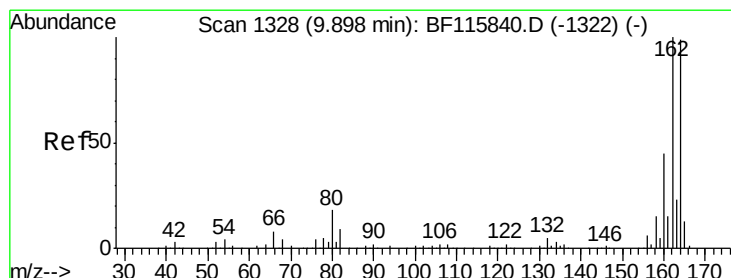
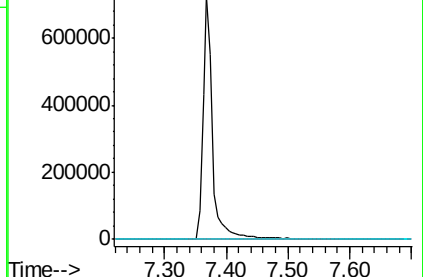
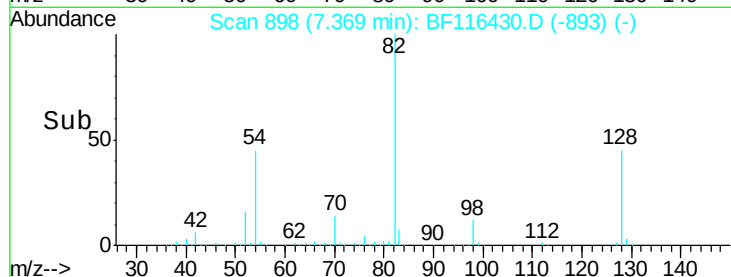
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116430.D

Acq: 20 Aug 2019 13:05

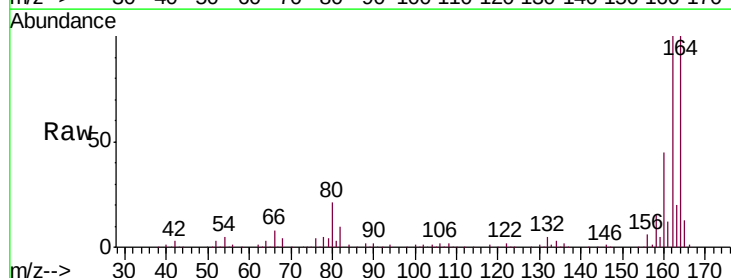
Tgt Ion: 164 Resp: 264394

Ion Ratio Lower Upper

164 100

162 100.3 82.6 124.0

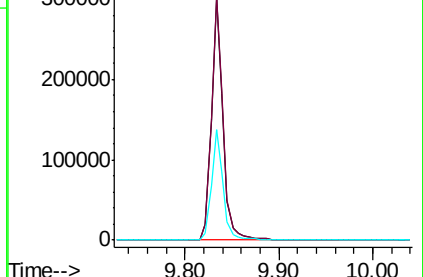
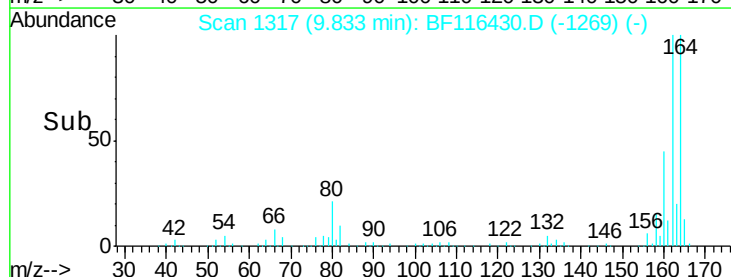
160 45.5 37.6 56.4

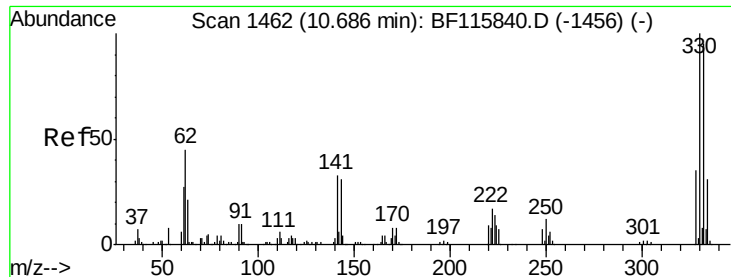


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

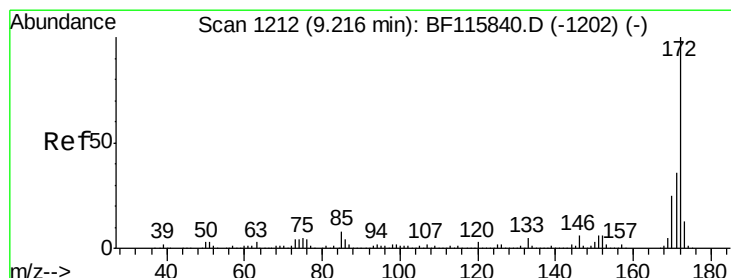
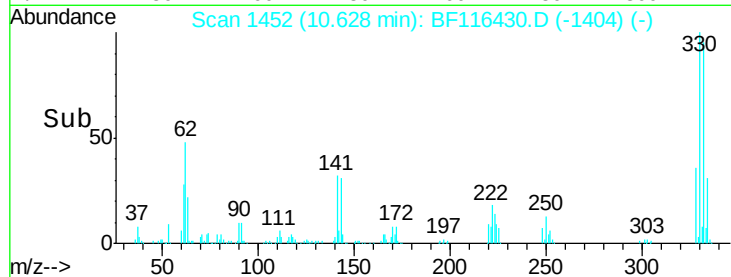
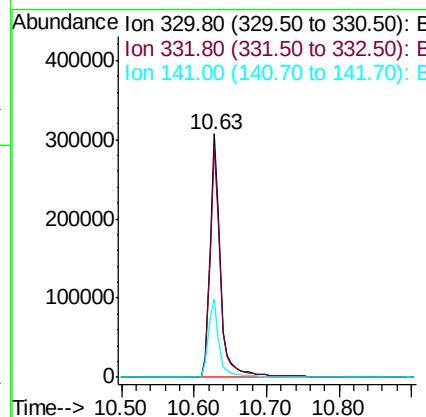
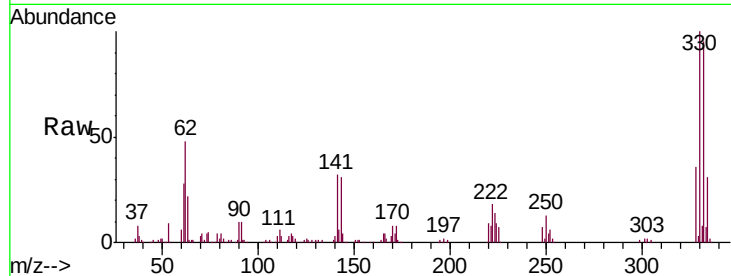




#42
 2,4,6-Tribromophenol
 Concen: 123.000 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116430.D
 Acq: 20 Aug 2019 13:05

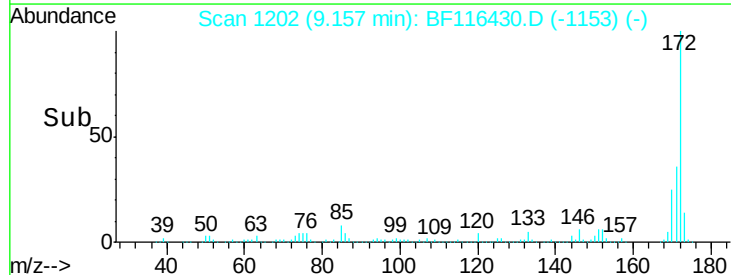
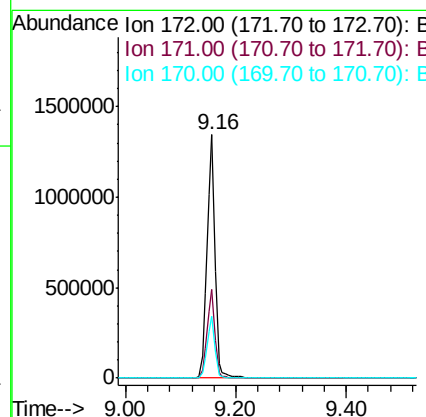
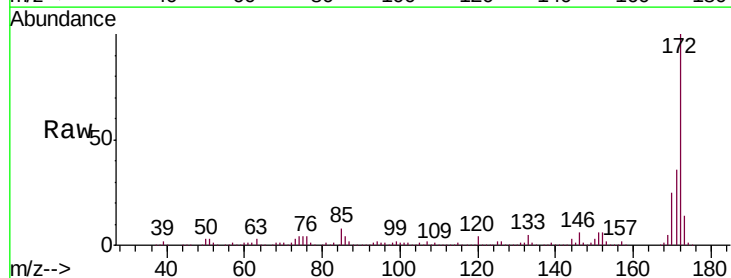
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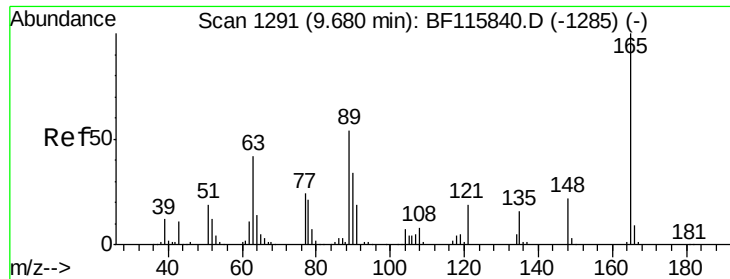
Tgt Ion:330 Resp: 315296
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.8 115.2
 141 33.6 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 95.088 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116430.D
 Acq: 20 Aug 2019 13:05

Tgt Ion:172 Resp: 1342215
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 25.2 20.1 30.1

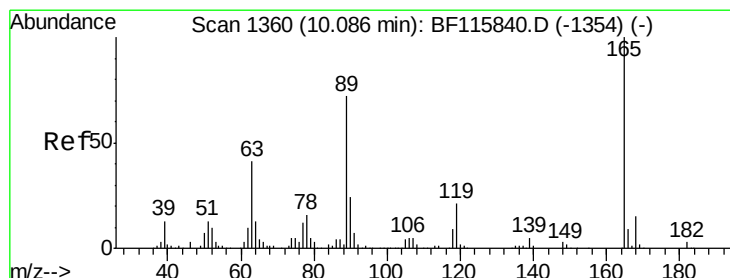
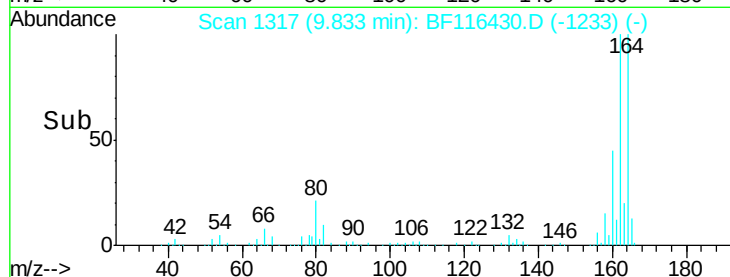
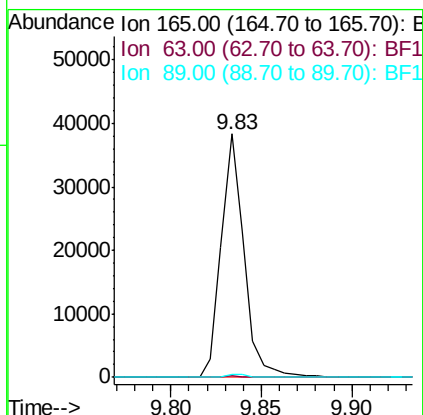
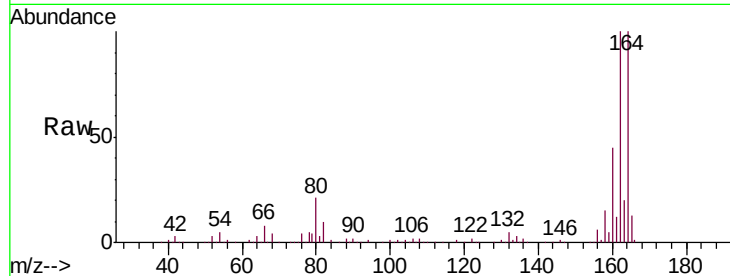




#51
 2,6-Dinitrotoluene
 Concen: 8.589 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF116430.D
 Acq: 20 Aug 2019 13:05

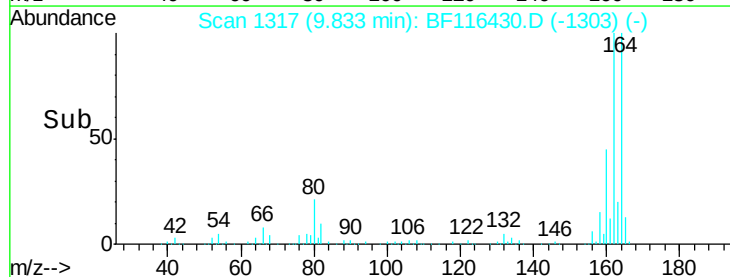
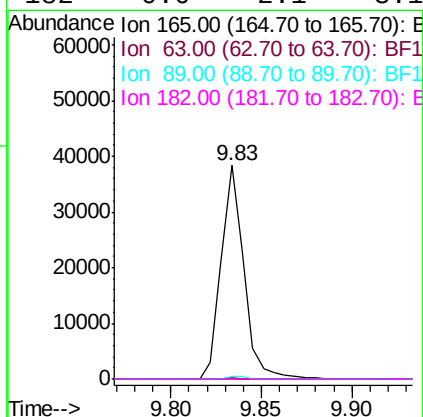
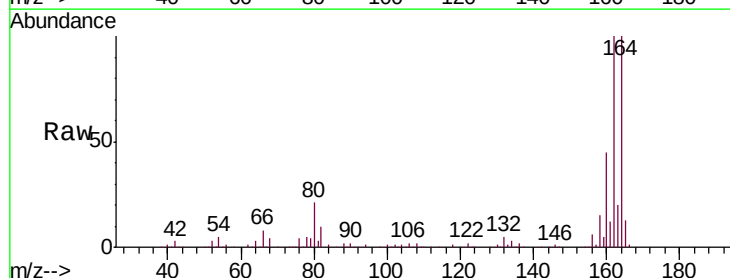
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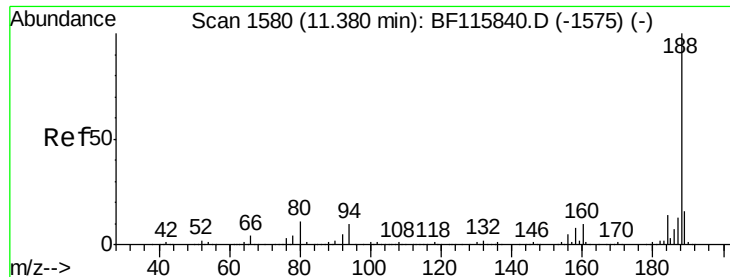
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	38.2	57.2#
89	1.1	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.451 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF116430.D
 Acq: 20 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	39.6	59.4#
89	1.1	62.2	93.2#
182	0.0	2.1	3.1#

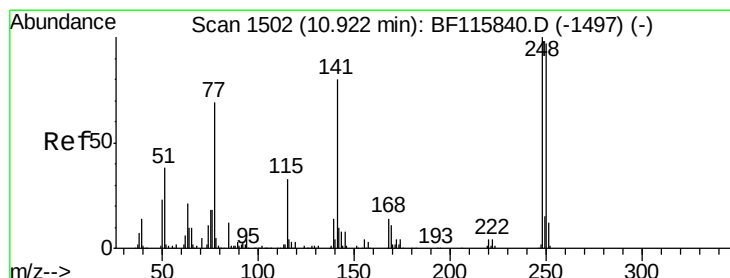
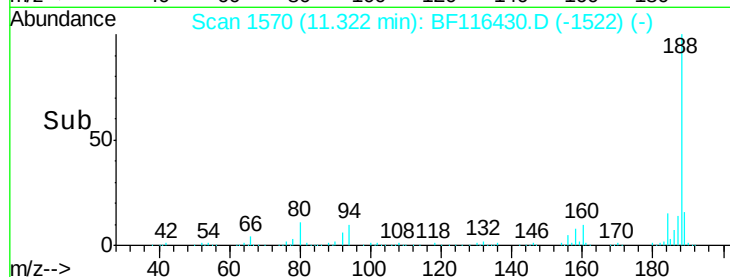
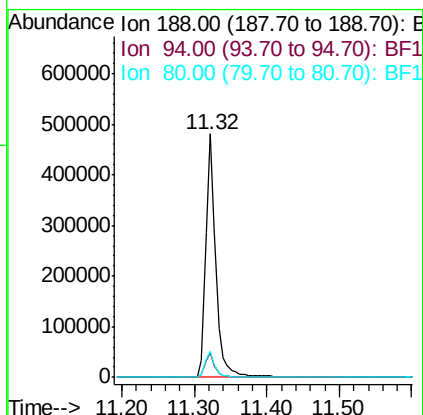
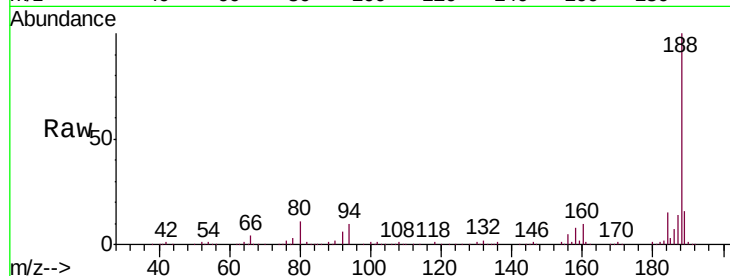




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116430.D
 Acq: 20 Aug 2019 13:05

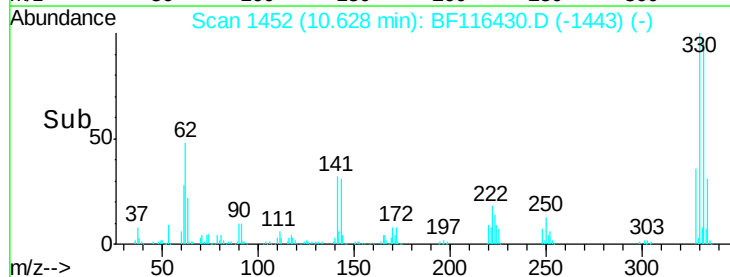
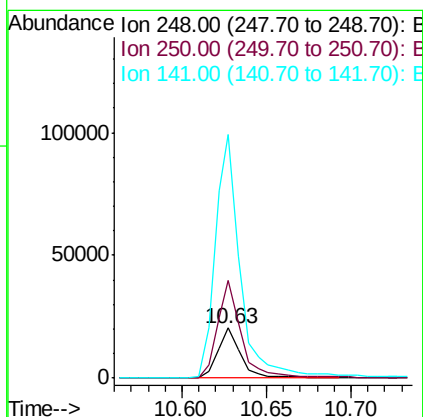
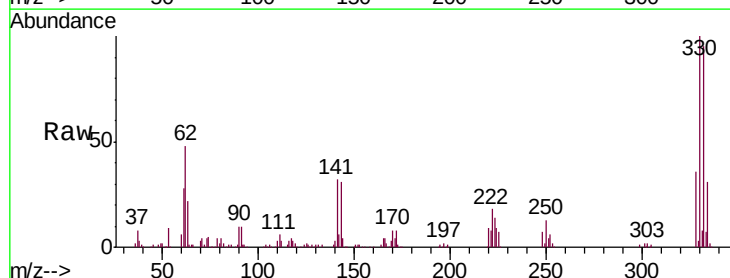
Instrument :
 BNA_F
 ClientSampleId :
 PB122321BL

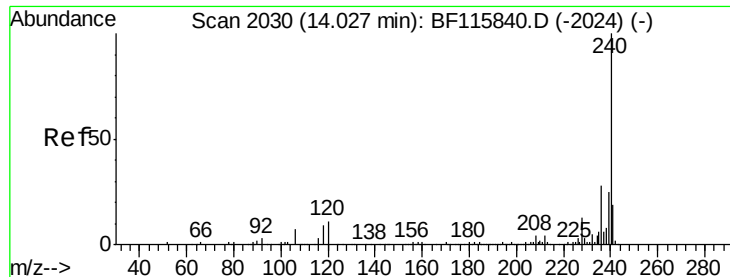
Tgt Ion:188 Resp: 466552
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.1 12.1
 80 10.9 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.895 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116430.D
 Acq: 20 Aug 2019 13:05

Tgt Ion:248 Resp: 19453
 Ion Ratio Lower Upper
 248 100
 250 195.7 77.4 116.2#
 141 489.3 56.8 85.2#

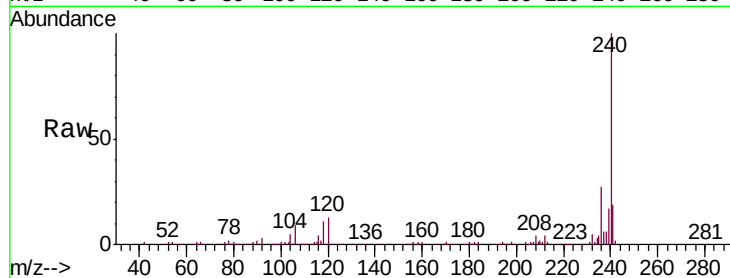




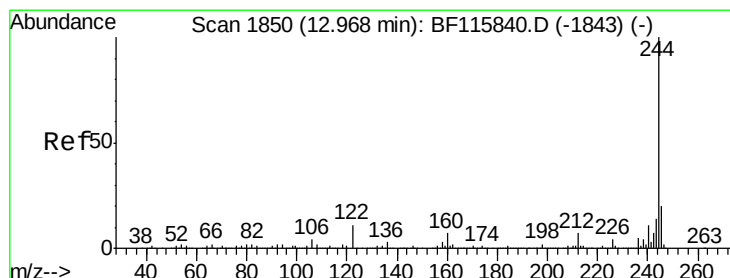
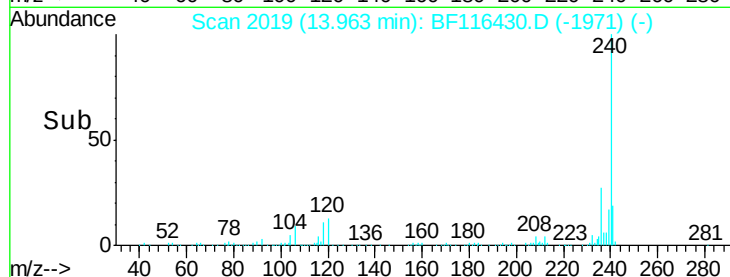
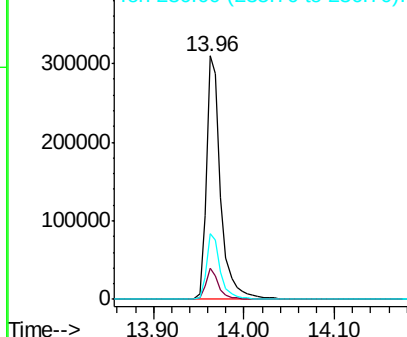
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116430.D
Acq: 20 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122321BL

Tgt Ion:240 Resp: 342349
Ion Ratio Lower Upper
240 100
120 12.6 10.7 16.1
236 27.2 22.2 33.2

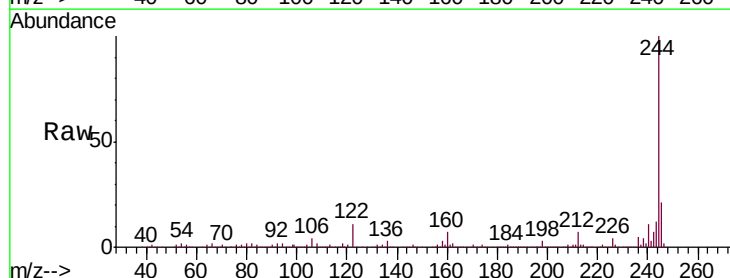


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

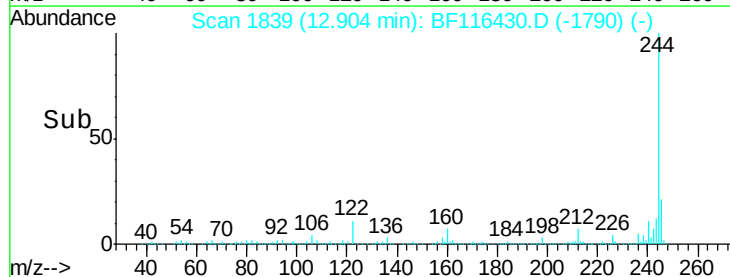
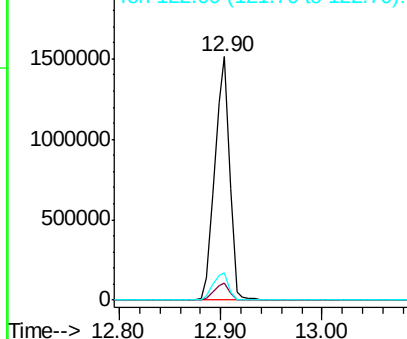


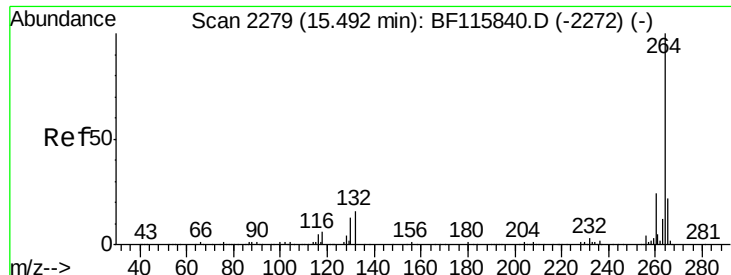
#79
Terphenyl-d14
Concen: 94.262 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF116430.D
Acq: 20 Aug 2019 13:05

Tgt Ion:244 Resp: 1531462
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 11.1 9.0 13.4



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116430.D
Acq: 20 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB122321BL

Tgt Ion: 264 Resp: 310540
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 22.1 17.4 26.0

